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Arabidopsis Response Regulator 6 (ARR6) modulates plant cell wall composition and disease resistance

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30

31 **Author Contributions**: A.M. initiated, conceived and coordinated all the experiments
32 except those related to *R. solanacearum*, which were conceived and initiated by D.T and
33 D.G.. L.B. performed the experiments described in Fig. 1, 2, 4, 5, Fig. S1-S4, S6-S7, and
34 Tables S1-S5. H.M. conceived and initiated the experiments to determine cell wall
35 composition and generate the pectin subfractions, and carried out the experiments
36 described in Fig. 3, Fig. S9-S10, and Table S6. P.D., D.T. and N.D. performed the disease
37 resistance experiment with *R. solanacearum*. D.G. initially selected the *arr6-3* allele. E.M.
38 performed the cell wall analyses included in Fig. S9b and contributed to microarray
39 analysis. V.B. contributed in the design of the cell wall analyses included in Fig. S9-S10.
40 G.L. isolated RNA for microarray analysis, prepared *Pc*BMM spores and contributed to
41 the generation of transgenic plants (Fig.1 and S2) and the experiments of Fig. S1B and
42 Fig. S8. L.B and H.M prepared the tables and figures. A.M., L.B. and H.M. wrote the
43 paper. N.D., D.T. and V.B. edited the paper.

44 **Abstract**

45 The cytokinin signaling pathway, which is mediated by Arabidopsis Response Regulators
46 (ARRs) proteins, has been involved in the modulation of some disease resistance
47 responses. Here, we describe novel functions of ARR6 in the control of plant disease
48 resistance and cell wall composition. Plants impaired in *ARR6* function (*arr6*) were more
49 resistant and susceptible, respectively, to the necrotrophic fungus *Plectosphaerella*
50 *cucumerina* and to the vascular bacterium *Ralstonia solanacearum*, whereas Arabidopsis
51 plants that overexpress *ARR6* showed the opposite phenotypes, which further support a
52 role of *ARR6* in the modulation of disease resistance responses against these pathogens.
53 Transcriptomics and metabolomics analyses revealed that, in *arr6* plants, canonical
54 disease resistance pathways, like those activated by defensive phytohormones, were not
55 altered, whereas immune responses triggered by Microbe-Associated Molecular Patterns
56 were slightly enhanced. Cell wall composition of *arr6* plants was found to be severely
57 altered compared to that of wild-type plants. Remarkably, pectin-enriched cell wall
58 fractions extracted from *arr6* walls triggered more intense immune responses than those
59 activated by similar wall fractions from wild-type plants, suggesting that *arr6* pectin
60 fraction is enriched in wall-related Damage-Associated Molecular Patterns, which trigger
61 immune responses. This work supports a novel function of *ARR6* in the control of cell-
62 wall composition and disease resistance and reinforces the role of the plant cell wall in
63 the modulation of specific immune responses.

64 **Short title:** ARR6 effects on wall composition and resistance.

65

66 **Keywords:** Arabidopsis response regulators (ARR), cell wall, cytokinin, Damage-
67 Associated Molecular Pattern (DAMPs), disease resistance, immunity, *Plectosphaerella*
68 *cucumerina*, *Ralstonia solanacearum*.

69 Plants are sessile organisms that need to develop robust disease resistance
70 mechanisms to efficiently defend themselves from pathogens and pests. Plant defense is
71 tightly regulated by a complex network of phytohormones, which precisely integrates
72 external and internal cues to maintain homeostasis and coordinate the defense responses
73 at the spatial and temporal levels (Couto and Zipfel 2016; Pieterse et al. 2012). In
74 Arabidopsis, salicylic acid (SA), jasmonic acid (JA), and ethylene (ET) are the most
75 important hormones regulating plant disease resistance responses (Denancé et al. 2013a;
76 Robert-Seilaniantz et al. 2011; Shigenaga et al. 2017). The SA pathway is usually
77 effective in mediating resistance against biotrophic pathogens, whereas JA and ET
78 pathways are commonly required for immune responses against necrotrophic pathogens
79 and insects (Bari and Jones 2008; Denancé et al. 2013a; Glazebrook 2005). In addition to
80 SA, JA and ET, other phytohormones may also function as plant immunity modulators
81 and play specific roles in resistance to different types of pathogens (Robert-Seilaniantz et
82 al. 2011; Shigenaga et al. 2017).

83 Cytokinins have emerged as an important hub integrating defense responses
84 mediated by other hormones (Choi et al. 2011), and have been shown to regulate the
85 expression of defense genes and the activation of immune responses as determined in
86 plants treated with cytokinins or in cytokinin-overaccumulating lines (Choi et al., 2010).
87 Cytokinins are a family of N^6-substituted adenine derivatives and chemically unrelated
88 phenylurea type hormones primarily involved in cell growth and differentiation. In
89 Arabidopsis, cytokinins are perceived by Arabidopsis Histidine Kinase 2–4 (AHK2–4)
90 receptors, that are two-component system proteins which initiate a downstream
91 phosphotransfer cascade that leads to the phosphorylation of Arabidopsis Response
92 Regulator (ARR) proteins through Arabidopsis Histidine Phosphotransfer (AHP) proteins
93 (Hwang et al. 2012; Naseem et al. 2014; To et al. 2004, 2007). The activation of cytokinin

94 pathway results in the transcriptional expression of a set of specific cytokinin-regulated
95 genes that have been identified by meta-analyses (Bhargava et al. 2013).

96 ARRs are encoded by a multigenic family comprising 21 members that have been
97 classified in three types (A-C) depending on their structural domains and functions: (i)
98 type A, comprising ARR3–ARR9 and ARR15–ARR17, negatively regulate cytokinin
99 responses and are transcriptionally regulated by type B ARRs; (ii) type B, namely ARR1-
100 ARR2, ARR10–ARR14, and ARR18–ARR21, are transcription factors that positively
101 regulate cytokinin signaling (Hwang et al. 2012). A type C group of ARRs has also been
102 described, but it its role in cytokinin signaling is unclear (Horák et al. 2008; Kiba et al.
103 2004; Pils and Heyl 2009).

104 The activity of ARR members is, in general, partially redundant in the regulation
105 of biological processes, and thus even mutants impaired in six *ARRs* genes may still retain
106 partial functions (To et al. 2004, 2007). Moreover, the existing regulatory loop between
107 types A and B ARRs could explain, at least in part, the observed contradictory functions
108 of cytokinins in the regulation of some biological processes, like plant immune responses.
109 For example, it has been suggested that type B ARRs might enhance immunity by
110 promoting SA responses, whereas type A ARRs have been proposed to attenuate immune
111 responses by inhibiting the SA pathway (Argueso et al. 2012; Naseem et al. 2015).
112 Additionally, some ARRs, such as ARR2, ARR5, ARR7 and ARR15, can interact with
113 ET signaling and modulate ET biosynthesis, which provides additional levels of
114 regulation of immunity due to hormonal crosstalk (Hass et al. 2004; Shi et al. 2012).

115 Cytokinins have also been suggested to modulate plant cell wall structure by
116 regulating the expression of genes encoding cell wall remodeling proteins such as pectin-
117 modifying enzymes, expansins and laccases (Brenner et al. 2012). Furthermore,
118 degradation of cytokinins has been linked to alterations in cell wall integrity (CWI) that

119 might function as a monitoring system to regulate developmental processes such as cell
120 cycle progression (Gigli-Bisceglia et al. 2018). Cytokinins also play important roles in
121 vascular development and, for instance, *ARR5* and *ARR6* genes have been shown to
122 regulate the formation of protoxylem vessels of the vascular system (Kondo et al. 2011).
123 All these structural and biochemical cell wall modifications regulated by cytokinins and
124 ARRs might affect disease resistance responses and the *in planta* spread of some
125 pathogens, like vascular ones.

126 Activation of plant defensive responses requires the perception of signals which
127 trigger specific resistance mechanisms through diverse molecular monitoring systems
128 (Atkinson and Urwin 2012). Among these monitoring mechanisms are Pattern-Triggered
129 Immunity (PTI) and Effector-Triggered Immunity (Dodds and Rathjen 2010). PTI is
130 based on the perception through pattern recognition receptors (PRRs) of "non-self"
131 microbe/pathogen-associated molecular patterns (MAMPs/PAMPs) or of "modified-self"
132 damage-associated molecular patterns (DAMPs) derived from the plant (Boller and Felix
133 2009; Boutrot and Zipfel 2017). MAMPs and DAMPs from different biochemical nature,
134 i.e., proteins, carbohydrates, lipids and nucleic acids, have been identified, thus reflecting
135 the diversity of immunogenic structures recognized by plants (Boutrot and Zipfel 2017).
136 Compared to MAMPs far fewer DAMPs derived from plants have been identified to date
137 (Bacete et al. 2018; Choi and Klessig 2016; Claverie et al. 2018; De Lorenzo et al. 2018).

138 An important source of DAMPs which currently is attracting research interest is
139 the plant cell wall, that is a dynamic and highly regulated structure essential for plant
140 growth and development. The functional integrity of cell walls is controlled by CWI
141 monitoring systems (Engelsdorf and Hamann 2014; Engelsdorf et al. 2018). These
142 systems trigger countervailing responses to cell wall damage (CWD) which occurs upon
143 pathogen infection, abiotic stress and cell expansion during growth and development

144 (Vaahtera et al. 2019). The plant CWI pathway is strongly involved in the regulation of
145 growth, immune responses and resource allocation between development and immunity
146 (Engelsdorf et al. 2018; Hamann et al. 2009; Wolf et al. 2012). Modification of cell wall
147 composition or integrity by genetic or chemical means might affect the capacity of some
148 pathogens to degrade the wall during plant colonization, and might lead to the activation
149 of defensive signaling pathways, including those regulated by hormones (Bacete et al.
150 2018; Houston et al. 2016; Miedes et al. 2014; Nafisi et al. 2015). For example, enhanced
151 resistance to pathogens has been observed in Arabidopsis mutants defective in cellulose
152 synthases (CESAs) required for the biosynthesis of primary (*prc1/ixr1/cev1,*
153 *procuste1/isoxaben resistant 1/constitutive expression of VSP1*) or secondary cell walls
154 (*irx1/cesa8, irx3/cesa7 and irx5/cesa4, from irregular xylem*) (Ellis et al. 2002; Escudero
155 et al. 2017; Hernández-Blanco et al. 2007). The disease resistance phenotypes of
156 *irx1/irx3/irx5* mutants are in part explained by the constitutive activation of abscisic acid
157 (ABA) pathway and the biosynthesis of antimicrobial compounds (Escudero et al. 2017;
158 Hernández-Blanco et al. 2007). In contrast, *prc1/ixr1/cev1* resistance phenotypes are
159 associated to the activation of ET/JA signaling (Ellis et al. 2002). Similarly, the alteration
160 of *O*-acetylation patterns from cell wall xylans caused by mutations in *ESKIMO1 (ESK1)*
161 is associated with stress resistance phenotypes of *esk1* plants and an enhanced
162 accumulation of ABA and strigolactones (Escudero et al. 2017; Lugan et al. 2009;
163 Ramírez et al. 2018; Xin et al. 2007; Xu et al. 2014). In another example, the Arabidopsis
164 *walls are thin 1* (*wat1*) mutant exhibits increased resistance to vascular pathogens, e.g. *R.*
165 *solanacearum*, which is accompanied by higher SA levels and a general repression of
166 indole metabolism (Denancé et al. 2013b). The alteration of the composition of wall
167 pectins (e.g. degree of methylesterification) also affect disease resistance responses, some
168 of which can be reverted by auxins (Ferrari et al. 2008; Raiola et al. 2011). Also, cell wall

169 mutants with differential resistance to pathogens have been described whose immune
170 responses are not associated with the activation of hormonal pathways (Delgado-Cerezo
171 et al. 2012; Klopffleisch et al. 2014; Llorente et al. 2005; Raiola et al. 2011; Sánchez-
172 Rodríguez et al. 2009).

173 Modifications of cell wall structure or composition may also alter the presence
174 and/or release of cell wall-derived signaling molecules (e.g. DAMPs), that regulate
175 immune responses. It has been shown that biochemical modification of plant wall by cell
176 wall degrading enzymes secreted by pathogens during the colonization process can result
177 in the release of DAMPs, such as pectic oligogalacturonides (OGs) derived from
178 homogalacturonan (Benedetti et al. 2015; Lionetti et al. 2017; Ridley et al. 2001; Voxeur
179 et al., 2019). Moreover, the overexpression or inactivation of plant genes encoding
180 enzymes involved in the control of pectin structure (e.g. pectin methyl esterases (PME)
181 and PMEs inhibitors) results in the modification of the degree of OGs release upon
182 infection, and in disease resistance phenotypes alterations (De Lorenzo et al. 2018; Ferrari
183 et al. 2008; Lionetti et al. 2017; Raiola et al. 2011). However, it is not well understood
184 the relationship between composition/structure of the cell wall, the dynamic of the release
185 of wall DAMPs, the activation of canonical defensive responses and the resistance to
186 pathogens.

187 Here, we show that *arr6-3* plants defective in *ARR6* gene and *ARR6*
188 overexpression lines have altered and opposing disease resistance outcome phenotypes to
189 different pathogens. We also demonstrate that *arr6-3* plants display alterations in the
190 biochemical composition of their cell walls and that pectin-enriched fractions extracted
191 from *arr6-3* walls contain wall-related DAMPs triggering enhanced immune responses
192 in comparison to pectin-enriched fractions extracted from wild-type plant walls. Our data

193 demonstrate, a novel link between the activity of regulatory components of the cytokinin
194 pathway and Arabidopsis cell wall composition and disease resistance responses.
195
196 **RESULTS**

197 ***ARR6* modulates differential disease resistance responses to pathogens.**

198 Arabidopsis mutants impaired in genes putatively involved in cell wall
199 biosynthesis or remodeling represent useful tools to study and characterize plant
200 immunity mechanisms mediated by CWI (Bacete et al. 2018; Miedes et al. 2014). We
201 selected *ARR6* gene to investigate the function of CWI on immunity as this is the
202 Arabidopsis orthologue of *DV017520* from *Zinnia elegans*, a gene that is upregulated
203 during late xylogenesis, which is a developmental process involved in secondary cell wall
204 formation (Pesquet et al. 2005). *ARR6* has also been described to regulate the formation
205 of protoxylem vessels of the Arabidopsis vascular system and accordingly *arr6* mutants
206 shows alterations in the xylem (Kondo et al. 2011). Moreover, data retrieved from Bio-
207 Analytic Resource for Plant Biology (BAR, http://bar.utoronto.ca/eplant) also indicated
208 that *ARR6* expression was repressed in wild-type Col-0 plants upon infection with
209 different types of pathogens, like the vascular bacterium *R. solanacearum* (Hanemian et
210 al. 2016; Hu et al. 2008) or the biotrophic oomycete *Hyaloperonospora parasitica (Hpa)*,
211 after treatment with MAMPs (e.g. bacterial flg22 peptide) or under some abiotic stress
212 conditions (Supplementary Fig. S1). Also, mutants impaired in several ARR members,
213 including *ARR6* (e.g. *arr5,6,8,9* and *arr3,4,5,6,8,9* mutants), but not the single *arr6-1*
214 mutant, have been described to show slightly enhanced resistance to *Hpa* (Argueso et al.
215 2012). Altogether, these data suggested that *ARR6* could be associated with the
216 modulation of cell wall composition and activation of defense responses.

217 To further probe these putative *ARR6* functions in the modulation of disease
218 resistance and cell wall composition, we selected for disease resistance studies two T-
219 DNA insertional alleles of *ARR6* (*arr6-2* and *arr6-3*; Supplementary Fig. S2A). qRT-
220 PCR analysis of *ARR6* expression in the mutant alleles and Col-0 wild-type plants
221 (Supplementary Fig. S2B) indicated that *arr6-3* allele was a knock-out (null) whereas
222 *arr6-2*, was a knock-down (hypomorphic) mutant. *arr6-2* allele harbors the T-DNA
223 insertion very close to that present in *arr6-1* allele, that was also previously described as
224 an hypomorphic allele (To et al. 2004). The developmental phenotype of *arr6* plants does
225 not differ from that of wild-type plants, as previously described (To et al. 2004). We
226 tested the disease resistance phenotypes of *arr6-2* and *arr6-3* to pathogens with different
227 life styles: the necrotrophic fungus *P. cucumerina BMM* (*Pc*BMM), the vascular
228 bacterium *R. solanacearum GMI1000* (*R*sGMI100), and the biotrophic oomycete *Hpa*
229 Noco2. Notably, the *arr6-3* mutant was slightly more resistant to the necrotrophic fungus
230 *Pc*BMM than Col-0 wild-type plants, as determined by fungal biomass quantification by
231 qPCR at 5 days post-inoculation (dpi) and by disease rating (DR) determination at 7 dpi
232 (Fig. 1A and Supplementary Fig. 3A). The accumulation of *Pc*BMM biomass and DR
233 were slightly higher in *arr6-3* than that observed in *irx1-6* plants included as resistant
234 control, and in both mutants these values were significantly lower than that of Col-0 wild-
235 type plants (Figure 1A and Supplementary Fig. 3A). This contrasted with the enhanced
236 fungal biomass and DR observed in the *agb1-2* mutant, which was included as
237 hypersusceptible control (Fig. 1A and Supplementary Fig. 3A; Hernández-Blanco et al.
238 2007; Llorente et al. 2005). Remarkably, the *arr6-3* mutant was highly susceptible to
239 *Rs*GMI1000 and plants decayed at 10-12 dpi, as determined by visual evaluation of
240 disease rating (Fig. 1B). As previously described for *arr* single mutants (Argueso et al.
241 2012) the susceptibility to the oomycete *Hpa* of the *arr6-3* allele was found to be similar

242 to that of Col-0 plants, as determined by quantification of conidiosphores/mg of fresh
243 weight at 7 dpi (Fig. 1C). Similarly, the hypomorphic *arr6-2* allele showed similar disease
244 symptoms as Col-0 wild-type plants to the three pathogens tested (Supplementary Fig.
245 S3B-D), that is in line with the previously described lack of differential phenotypes of
246 *arr6-1* hypomorphic allele (To et al. 2004; Argueso et al. 2012).

247 In view of the disease resistance responses of *arr6-3* mutant and to corroborate
248 the role of *ARR6* in the modulation of these responses, we generated different Col-0 lines
249 that overexpress *ARR6* (*35S::ARR6)* or *ARR6* fused to the green fluorescence protein
250 (GFP) or the human influenza hemagglutinin (HA) tags (*35S::ARR6-GFP* and
251 *35S::ARR6-3HA),* as well as plant lines overexpressing *ARR6* in the *arr6-3* background
252 (*arr6-3 35S::ARR6;* Supplementary Fig. S2C). *ARR6* expression in these lines was
253 evaluated by qRT-PCR and we selected for further characterization different
254 overexpression lines (in Col-0 background) with expression levels of *ARR6* transgenes 4-
255 10 fold higher than in Col-0, and *arr6-3* lines (*arr6-3 35S::ARR6)* with *ARR6* expression
256 levels similar to that of wild-type plants (Supplementary Fig. S2B). Notably, in the *arr6-3*
257 *35S::ARR6* lines tested the enhanced resistance to *Pc*BMM and susceptibility to
258 *Rs*GMI100 was almost restored to wild-type levels, further confirming the role of *ARR6*
259 in regulating these disease resistance responses (Fig. 1A and B, Supplementary Fig. S3A).
260 In line with these results, we found that *Pc*BMM fungal growth (5 dpi) and DR (7 dpi) in
261 the *35S::ARR6* overexpression line were significantly increased compared to Col-0
262 plants, whereas *35S::ARR6* plants were more resistant to the bacterium *Rs*GMI1000 than
263 Col-0 plants, as revealed by their delayed disease symptoms (Fig. 1A and B,
264 Supplementary Fig. S3A). To further confirm these phenotypes associated to *ARR6*
265 overexpression, independent overexpression lines (*35S::ARR6-3HA* and *35S::ARR6-*
266 *GFP*) were tested for disease resistance and we found that they also showed enhanced

267 susceptibility and resistance to *Pc*BMM and *Rs*GMI1000, respectively, as compared to
268 Col-0 wild-type plant plants (Supplementary Fig. S3B and C). In agreement with previous
269 results (Argueso et al. 2012), the *35S::ARR6* lines tested were slightly more susceptible
270 than Col-0 plants to the oomycete *Hpa* (Fig. 1C; Supplementary Fig. S3D). Altogether,
271 these observations support a novel function of *ARR6* in the differential modulation of
272 Arabidopsis resistance responses to *Pc*BMM and *Rs*GMI1000 and corroborate the
273 redundant role of type A ARRs (including ARR6) in controlling the resistance to *Hpa*
274 (Argueso et al. 2012).
275

276 ***arr6-3* plants show differential expression of defense and cell wall-associated genes.**

277 A comparative transcriptomic analysis of 18-day-old *arr6-3* and Col-0 plants was
278 performed. RNA was extracted from the plants one day after *Pc*BMM-inoculation or
279 mock-treatment. Microarray data analysis of mock-treated plants revealed 205
280 differentially expressed genes (DEGs) in *arr6-3* compared to Col-0 plants, of which 153
281 and 53 were up- and down-regulated, respectively (Supplementary Table S1). Functional
282 classification and Gene Ontology (GO) terms enrichment analyses performed using the
283 hypergeometric test and Benjamini & Hochberg False Discovery Rate (FDR, corrected
284 with a *p* value cut-off of 0.05) indicated that 126 GOs were overrepresented among the
285 DEGs (Fig. 2A; Supplementary Table S2). These GO included "Response to stimulus"
286 (GO:0050896, *p* value = 2.82×10^{-5}) and "Regulation of transcription, DNA-templated"
287 (GO:0006355, *p* value 1.18×10^{-5}), each with 23 unique genes (11.2%), and "Response to
288 chitin" (GO:001020018, *p* value of 3.09×10^{-16}, 18 genes representing 8.7%) (Fig. 2A;
289 Table S2). A closer view of "Response to stimulus" category revealed that most of the
290 genes were related to defense responses (10 out of 23) and response to stress (14 out of
291 23), specifically biotic stress (9 out of 23) (Table S2). In the case of "Regulation of

292 transcription, DNA-templated" category, we observed that a significant number of DEGs
293 were related to the ET pathway (7 out of 23). In addition, analysis of the 205 DGEs using
294 the Thalemine web tool (Krishnakumar et al. 2017) indicated that the
295 APETALA2/ethylene responsive factor (AP2/ERF) domain (IPR001471) was
296 overrepresented (p value = 5.71×10^{-4}) with 11 ERFs (5.34% of DEGs) up-regulated in
297 *arr6-3* (Supplementary Table S3). Among these ERFs, four belonged to the dehydration-
298 responsive element binding (DREB) subfamily (Group A), known to be involved in the
299 regulation of dehydration- and cold-inducible genes (Sakuma et al. 2002), whereas seven
300 were ERFs from Group B (Sakuma et al. 2002) or IX (according to Nakano 2006). Of
301 note, six out of these seven *ERFs* have been implicated in pathogen resistance (Nakano,
302 2006), and the majority of these *ERFs* were found to be up-regulated in microarray data
303 of Col-0 plants infected with either *Pc*BMM or *Rs*GMI100 (Supplementary Fig. S4).
304 These microarray values were validated in *arr6-3* and Col-0 plants by qRT-PCR analysis
305 of *ARR6* and a set of genes selected based on their putative functional relevance in disease
306 resistance or abiotic stress responses (Fig. 2B).

307 To determine if alteration of cytokinin perception contributes to explain *arr6-3*
308 disease resistance phenotypes, we compared the *arr6-3* DEGs with those of *ahk1* and
309 *ahk2 ahk3* mutants (E-MEXP-1155; Tran et al. 2007). Notably, only five DEGs were
310 common between *ahk2 ahk3* and *arr6-3* (including the downregulated *ARR6*) and one
311 between *ahk1* and *arr6-3* (Supplementary Fig. S5A). To strength these results, we also
312 compared *arr6*-3 DEGs with the dataset of 75 cytokinin-specific regulated genes
313 proposed by Bhargava et al. (2013). In line with our previous comparison with *ahk1* and
314 *ahk2 ahk3* datasets, we did not find any of these 75 cytokinin responsive genes among
315 the *arr6-3* DEG, further indicating that *arr6-3* DEGs are not cytokinin-associated genes
316 (Supplementary Fig. S5B).

317 We next studied the disease resistance response of *arr6-3* plants upon inoculation
318 with *Pc*BMM, and we found 2816 DEGs in *arr6-3* inoculated plants, of which 905 were
319 specifically expressed in *arr6-3*, but not in Col-0 (Fig. 2C; Supplementary Tables S5 and
320 S6). According to GO term enrichment analysis, among these *arr6-3* DEGs there were
321 GO related to defense responses, to diverse biotic and abiotic stresses as well as to other
322 physiological processes (Supplementary Fig. S6). Notably, among these 905 DEG we
323 found 75 out of the 205 genes (36.59%) constitutively up-regulated in non-inoculated
324 *arr6-3* plants (Supplementary Fig. S5B and Supplementary Table S5), further supporting
325 the function of this set of genes in disease resistance responses. Strikingly, only 9 of these
326 *arr6-3* DEGs upon *Pc*BMM infection were also among cytokinin-regulated marker genes
327 described by Bhargava et al. (2013) (Supplementary Fig. S5). Together, these results
328 indicate that the *arr6-3* disease resistance phenotypes are unlikely to be associated with
329 differential regulation of the cytokinin pathway.

330 Of note, canonical defense pathways (i.e. SA, ET, JA and biosynthesis of
331 secondary metabolites) and PTI signaling were up-regulated in response to *Pc*BMM
332 infection both in Col-0 and *arr6-3* plants, with a slightly higher up-regulation in *arr6-3*
333 plants as corroborated by qRT-PCR expression analysis of marker genes (Fig. 2D). These
334 data suggested that the *arr6-3* disease resistance phenotypes are not associated to the
335 misregulation of canonical defensive pathways. To further validate this hypothesis and to
336 identify potential defense-associated metabolites in *arr6-3*, we performed a comparative
337 and global metabolite profiling of four-week-old, non-inoculated *arr6-3* and Col-0 plants.
338 Within the 373 analyzed metabolites (including all the defensive hormones or some of
339 their precursors), only 11 were more abundant (n-fold higher than 1.5 and $p < 0.1$) in
340 *arr6-3* compared to Col-0 (Supplementary Fig. S7A and Supplementary Table S7).
341 Gentisate, a disease resistance modulator (Belles et al. 2006; Navarova et al. 2012), and

342 camalexin and sulforaphane-cysteine-glycine glucosinolate, two antimicrobial
343 compounds (Zhou et al. 1998; Buxdorf et al. 2013), were found to be more abundant in
344 the mutant than in Col-0 plants (Supplementary Fig. S7A and Supplementary Table S7).
345 Glucosinolates, but not camalexin, have been previously shown to be required for
346 Arabidopsis resistance to *Pc*BMM (Sánchez-Vallet et al. 2010). With the exception of
347 cyano-alanine, a product of ET metabolism, that showed a slightly higher abundance in
348 *arr6-3*, we did not find significant alterations in the levels of hormones or their precursors
349 (e.g. SA, JA and brassinosteroids) that regulate canonical immune pathways in *arr6-3*
350 plants (Supplementary Figure S7B and Supplementary Table S7). The slight increased
351 abundance of a small subset of antimicrobial compounds is, most likely, not sufficient to
352 fully explain *arr6*-3 disease resistance phenotypes to two different pathogens with distinct
353 colonization styles.

354 Since some PTI marker genes (e.g. *PHI1*) were up-regulated in non-inoculated
355 *arr6-3* plants (Fig. 2B) and showed a slightly enhanced expression upon *Pc*BMM
356 infection, we determined PTI responses in *arr6-3* plants upon treatment with two MAMPs
357 (flg22 and chitin hexamer (Mélida et al. 2018)), and compared these responses with that
358 of *35S:ARR6* and Col-0 plants. The phosphorylation of Mitogen Activated Protein
359 Kinases (MAPKs, MAPK3/MAPK6/MAPK4/MAPK11) and expression of *PHI1* gene
360 were slightly higher in *arr6-3* than in Col-0 plants (Supplementary Fig. S8), which is in
361 line with the transcriptomic data (Fig 2B). Notably, MAPK phosphorylation was weaker
362 in *35S:ARR6* plants than in Col-0, suggesting a defective activation of PTI in the
363 overexpressor line (Supplementary Fig. S8). We then tested the expression of *ARR6* in
364 these genotypes and we found that *ARR6* expression was downregulated upon MAMPs
365 treatment in Col-0, as described previously (Supplementary Fig. 1), but also in *35S:ARR6*

366 plants. The results point to a complex mechanism of regulation of ARR6 function during
367 immune activation.
368
369 ***arr6* mutants show alterations in their cell wall composition.**
370 Among the *arr6-3* DEGs, we found 16 genes that were associated with cell wall
371 biosynthesis and/or remodeling, or with responses to CWI impairments (Supplementary
372 Fig. S9), which suggested some cell wall alterations in *arr6-3* plants. Since ARR6 has
373 been involved in regulation of formation of protoxylem vessels of the vascular system
374 (Kondo et al. 2011), we determined the cell wall composition of *arr6-3* plants and
375 compared it with that of wild-type plants. First, we performed a cell wall characterization
376 using Fourier-transform infrared (FTIR) spectroscopy to obtain "cell wall fingerprints"
377 that could reveal general differences between Col-0 and *arr6-3* cell walls. FTIR is able
378 to recognize polymers and functional groups and is used as a powerful and rapid
379 technique for analyzing cell wall components, since they can be assigned to different
380 wavenumbers of the FTIR-spectra (Alonso-Simón et al. 2011). The analysis of the
381 differential FTIR-spectra obtained after digital subtraction of the wild-type values,
382 revealed differences mainly in the region between 1500 and 1750 cm^{-1} (Fig. 3A). This
383 region is characterized by the absorption of uronic acids in wavenumbers 1600-1630 and
384 1740 cm^{-1} (McCann et al. 1992; Mouille et al. 2003) and lignin at 1515, 1630 and 1720
385 cm^{-1} (Séné et al. 1994; Carpita et al. 2001). With FTIR data pointing to differences in cell
386 wall components, such as uronic acids and/or lignin, and bearing in mind that overlap in
387 absorption and vibrational coupling between chemical bonds corresponding to different
388 cell wall polymers may occur, a more detailed biochemical characterization of the cell
389 wall composition was carried out.

390 Lignin and cellulose quantifications showed no differences in the total amount of
391 these cell wall components in *arr6-3* and Col-0 plants (Supplementary Fig. S9). Once
392 discarded the contribution of these two load-bearing cell wall components to the
393 differences observed by FTIR, crude highly complex cell walls were chemically
394 fractionated. Four fractions enriched in different cell wall components (two pectic and
395 two hemicellulosic ones) were analyzed for their monosaccharide composition and their
396 glycosidic linkages types. *arr6-3* pectin fractions displayed some striking differences in
397 monosaccharides composition compared to their wild-type counterparts, whereas no
398 significant differences in composition were found between their hemicellulose fractions
399 (Fig. 3B and C; Supplementary Fig. S10). In comparison to Col-0 pectin I fraction the
400 *arr6-3* fraction was highly enriched in galacturonic acid (57 mol% versus 34 mol% in
401 Col-0) and glucose (17 mol% versus 9 mol% in Col-0), while they contained less
402 arabinose, rhamnose and galactose amounts than the fractions from wild-type plants (Fig.
403 3B). Similarly, the pectin II fraction from the mutant contained more galacturonic acid
404 (45 mol% versus 22 mol%) and lower arabinose and galactose content than that of Col-0
405 plants (Fig. 3C). Glycosidic linkage analyses of the pectin fractions confirmed that the
406 enrichment in 1,4-linked galacturonic acid observed in the *arr6* pectin fractions was from
407 homogalacturonan-type polymers (Supplementary Fig. S11). Other 1,4-galacturonic acid
408 containing polymers such as rhamnogalacturonan did not show any increased levels of
409 other residues from these structures, such as 1,2-linked rhamnose, ruling out the
410 possibility that the observed increased levels in galacturonic were due to modifications in
411 rhamnogalacturonan content (Supplementary Fig. S11). These analyses confirmed that
412 *arr6-3* cell walls are altered and that these modifications are mainly associated to the
413 pectic fractions.
414

415 **The pectin-enriched fractions from *arr6* trigger immune responses.**

416 From the results presented above, we hypothesized that an enhanced and
417 differential presence of carbohydrate-based DAMPs in the cell walls of *arr6-3* in
418 comparison to Col-0 might explain, at least partially, the differential disease resistance
419 responses of *arr6-3* plants. These DAMPs, when released, would activate immune
420 responses, thus triggering disease resistance. *arr6-3* cell wall fractions were tested for
421 their capacity to trigger intracellular Ca^{2+} influxes, an early immune response, by using
422 Col-0^{AEQ} sensor lines, that express the *Apoaequorin* gene from *Aequorea Victoria* and
423 can be used as an *in vivo* bioluminescent Ca^{2+} sensor (Knight et al. 1991; Mélida et al.
424 2018). Interestingly, we found that Ca^{2+} entry was activated by Col-0 and *arr6-3* pectin
425 fractions, but not by hemicellulose ones. Moreover, *arr6-3* pectin fractions induced
426 higher Ca^{2+} influxes than those from Col-0 (Fig. 4A). These calcium signatures were
427 compatible with a ligand-receptor binding interaction, like the observed for flg22 MAMP
428 and $OG_{10\text{-}15}$ (degree of polymerization (DP) of 10-15) DAMP, which were included in
429 the experiment as controls (Fig. 4A). Of note, the DAMPs contained in pectin I and pectin
430 II fractions from Col-0 and *arr6-3* remained active (e. g. triggered $[Ca^{2+}]_{cyt}$ entry) after
431 different treatments affecting proteins stability, i.e. denaturation by heat treatment and
432 proteolysis with proteinase K combined with heat denaturation (Fig. 4B). Slight, but not
433 significant, increases in the activity of these fractions were observed in some cases upon
434 these treatments (Fig. 4B), that are consistent with solubilization effects of the fractions,
435 which would facilitate the release of their DAMPs, as it has been previously reported for
436 insoluble polysaccharides subjected to heat solubilization (Mélida et al. 2018). Such
437 observation contrasted with the immune activity of flg22 after heat + proteinase K
438 treatment that was significantly reduced (Fig. 4B). The resistance to proteolysis of the

439 pectin I fraction from *arr6-3* and Col-0 suggested that this fraction contains DAMPs that
440 are not peptides and might be of glycosidic nature.

441 The pectin-enriched fractions extracted from *arr6-3* and Col-0 cell walls triggered
442 phosphorylation of MAPK3 and MAPK6, but not MAPK4 or MAPK11 in Col-0 wild-
443 type plants, being the activities of pectin I fractions higher than those of pectin II ones
444 (Fig. 5A and B). The pectin I-induced MAPK phosphorylation was similar to that
445 triggered by OG_{10-15}, since no phosphorylation of MAPK4/MAPK11 occurred, in contrast
446 to the phosphorylation triggered by flg22 (Fig. 5C). We also evaluated the expression of
447 PTI marker genes in wild-type plants 30 minutes after treatments with pectin fractions
448 from Col-0 and *arr6-3* plants, or water. The selected genes for the qRT-PCR analyses
449 were either specifically activated by the calcium-dependent protein kinase (CDPK)
450 pathway [i.e. *PHI-1*, which is constitutively up-regulated in *arr6-3*], the CDPKs +
451 MAPKs pathways (i.e. *CYP81F2*), or by pathogens (e.g. *WRKY33*; Boudsocq et al. 2010;
452 Boudsocq and Sheen 2013). Remarkably, up-regulation of these three genes was observed
453 in Col-0 plants treated with the *arr6-3* pectin fractions (Fig. 5D and E), and such induction
454 was comparable to that observed upon treatments with highly purified MAMPs/DAMPs,
455 such as flg22 or OG_{10-15} (Fig. 5F). Of note, Col-0 pectin I fractions did not trigger the
456 expression of any of these marker genes up-regulated by the *arr6-3* pectin I fraction (Fig.
457 5D and E), whereas the pectin II fractions from *arr6-3* and Col-0 plants induced similar
458 expression of the tested genes (Fig. 5D and E). Together these data suggested that *arr6-*
459 *3* pectin I fraction contained either enhanced levels of DAMPs than Col-0 fraction or
460 specific DAMPs, of glycosidic nature, which triggered differential immune responses.
461
462
463

464 **DISCUSSION**

465 The plant cell wall is currently viewed as a dynamic structure regulating different
466 processes like immunity and development (Bacete et al. 2018; Bethke et al. 2016; de
467 Lorenzo et al. 2018 Engelsdorf et al. 2018; Voxeur and Höfte, 2016). To better understand
468 the relationship between plant cell walls and immunity we have characterized the function
469 of the Arabidopsis *ARR6* gene in the regulation of CWI and disease resistance responses.
470 This gene was selected based on: (i) its expression profile in Arabidopsis plants subjected
471 to different stresses, including MAMPs treatment (Supplementary Fig. S1 and S8); (ii) its
472 described role on protoxylem vessel formation (Kondo et al. 2011); (iii) the up-regulation
473 of its *Z. elegans* orthologue during xylogenesis, a secondary cell wall biosynthetic process
474 triggered by auxin/cytokinin (Pesquet et al. 2005); and (iv) its expression during *R.*
475 *solanacearum* infections, since *ARR6* expression is repressed in leaves from susceptible
476 Arabidopsis genotypes, but it is up-regulated in *clavata1* mutants that are more tolerant
477 to this bacterium than wild-type plants (Hanemian et al. 2016; Hu et al. 2008). These data
478 suggest that *ARR6* could be involved in the regulation of stress responses and/or
479 modulation of plant cell wall composition. In line with this initial hypothesis we have
480 demonstrated that, compared to wild-type plants, *arr6-3* loss of function mutant allele
481 shows differential disease resistance phenotypes to different pathogens (Fig. 1 and
482 Supplementary Fig S3) and alterations in its cell wall composition (Fig. 3).

483 ARR6 belongs to type A ARRs, which have been previously described to be
484 involved in disease resistance. For example, an *arr3,4,5,6,8,9* sextuple mutant exhibited
485 decreased susceptibility to the biotrophic pathogen *Hpa*, whereas transgenic lines
486 overexpressing either *ARR6, ARR5,* or *ARR9* were more susceptible to this pathogen
487 (Argueso et al. 2012). The unaltered resistance phenotype of the *arr6-3* single mutant to
488 *Hpa* (Fig. 1) compared to the described enhanced resistance of the *arr3,4,5,6,8,9* mutant

489 indicates that *ARR6* ha soverlapping functions with other ARRs in the regulation of
490 disease resistance responses to *Hpa*, as previously reported (Argueso et al. 2012).
491 Notably, we have shown that *arr6-3* is more resistant and susceptible than Col-0 plants
492 to the necrotrophic fungus *P. cucumerina* and to the vascular bacterium *R. solanacearum*,
493 respectively (Fig. 1 and Supplementary Fig S3), further supporting a relevant and specific
494 function of *ARR6* in the regulation of disease resistance responses to these two pathogens
495 with different life styles. As previously described for *arr6-1* (To et al. 2004), the
496 additional hypomorphic allele (*arr6-2*) tested here did not show any alteration on the
497 disease resistance phenotypes tested (Supplementary Fig. S3). Interestingly, *ARR6*
498 expression is downregulated by MAMPs (e.g. flg22) and different biotroph and
499 necrotroph pathogens, in both compatible and incompatible interactions (Supplementary
500 Fig. S1 and S8). This highlights the relevance of *ARR6* in the immune response and
501 suggests that *ARR6* may act as a negative regulator of disease resistance activation against
502 certain pathogens (e.g. *PcBMM*) similarly to what it has been described for other genes,
503 such as *PMR6,* that mediate cell wall-based resistance to pathogens (Vogel et al. 2002).
504 The specific function of *ARR6* in immunity was further supported by the disease
505 phenotypes of lines overexpressing *ARR6*, which showed opposite disease resistance
506 phenotypes to *arr6-3* (e.g. in *35S::ARR6, 35S::ARR6-GFP,* and *35S::ARR6-HA*) or
507 complemented them (e.g. *arr6-3 35S::ARR6* lines*;* Fig. 1; Supplementary Fig. S3).
508 Notably, *ARR6* expression was downregulated in *35S::*ARR6 plants upon MAMPs
509 treatment, suggesting a complex regulation of ARR6 function during PTI activation
510 (Supplementary Fig. S8C). Together, these results corroborate a role of type A ARRs in
511 the regulation of disease resistance responses and support a relevant function of *ARR6* in
512 this process.

513 Cytokinins have been suggested to up-regulate plant immunity via an elevation of
514 SA–dependent defense responses that, in turn, inhibit cytokinin signaling in a feedback
515 loop (Argueso et al. 2012). Type-A ARRs are considered central components of this
516 process and of other hormonal cross-talks (e.g. cytokinin-ET) that are activated in
517 response to different stresses (O'Brien and Benková 2013; Shi et al. 2012). These
518 regulatory pathways are mediated by the cytokinin receptors AHK2 and AHK3 that
519 function upstream of ARRs (including ARR6) sensing cytokinin concentrations (Argueso
520 et al. 2012; Hwang and Sheen 2001). However, the transcriptome pattern of *ahk2 ahk3*
521 double mutants did not overlap with that of *arr6-3,* and neither did that of *ahk1* mutant
522 (Supplementary Fig. S5A), which is impaired in the CWI sensor AHK1 (Hamann et al.
523 2009; Wormit et al. 2012). Therefore, AHK1, AHK2 and AHK3 do not seem to be linked,
524 at least at the transcriptional level, with the alterations in gene expression observed in the
525 *arr6-3* plants, suggesting that the immune responses regulated in *arr6-3* are not related
526 with the cytokinin signaling pathway, or at least with AHK2 and AHK3 function. This is
527 further supported by the fact that none of the cytokinin-regulated genes identified in
528 previous works (Bhargava et al. 2013) are among the DEGs in *arr6-3* mock-treated
529 plants, and only 9 of the *arr6-3* DEGs upon *Pc*BMM infection were among the set of
530 cytokinin-regulated marker genes (Bhargava et al. 2013) (Supplementary Fig. 5B).
531 Similarly, metabolomic and transcriptomic analyses of *arr6-3* plants demonstrated that
532 canonical immune pathways, like those regulated by hormones, are not misregulated in
533 the *arr6-3* in comparison to wild-type plants, since hormone homeostasis and expression
534 of marker genes of the pathways mediated by these hormones are not altered in the mutant
535 (Fig. 2; Supplementary Tables S4 and S7).

536 Transcriptomic analyses of *arr6-3* plants identified defense-associated genes
537 which are specifically up-regulated in non-inoculated and *Pc*BMM infected plants (Fig.

538 2; Supplementary Fig. 6; Supplementary Tables S4 and S5), and that may contribute to
539 explain *arr6-3* resistance to this fungus. For example, *arr6-3* plants are characterized by
540 a clear overrepresentation of up-regulated genes encoding ERFs transcriptional factors
541 belonging to group IX-b, whose members are known to be involved in responses to
542 pathogens (Licausi et al. 2013). Transgenic lines overexpressing *ERF5* or *ERF6* are
543 resistant to the necrotrophic fungus *Botrytis cinerea* but show enhanced susceptibility to
544 *Pseudomonas syringae* pv. tomato DC3000 (Huang et al. 2015; Moffat et al. 2012; Wang
545 et al. 2013), *ERF104* overexpression lines are resistant to *P. syringae* pv. *phaseolicola*
546 (Bethke et al. 2009) and overexpression of *ERF1* confers enhanced resistance to the
547 necrotrophic fungi *P. cucumerina* and *B. cinerea* (Berrocal-Lobo et al. 2002). Thus, the
548 observed enhanced resistance of *arr6-3* to *Pc*BMM could be explained, at least in part,
549 by the expression pattern of some ERFs genes. Additionally, the enhanced accumulation
550 of some antimicrobial secondary metabolites in *arr6-3* (Supplementary Figure S7) may
551 also contribute to *arr6-3* disease resistance (Sánchez-Vallet et al. 2010). Moreover, some
552 PTI responses (e.g. MAPKs phosphorylation) are enhanced in *arr6-3* upon MAMP
553 treatment, in comparison to wild-type plants (Supplementary Fig. S8A-B), suggesting a
554 negative function of ARR6 in immune regulation. In line with this function, *ARR6*
555 expression was down regulated upon pathogen infection and MAMPs treatment
556 (Supplementary Fig. S1 and S8).

557 Arabidopsis resistance to *R. solanacearum* has been shown to be enhanced in ET
558 signaling mutants (Hirsch et al. 2002) indicating that ET has a negative regulatory role
559 on Arabidopsis resistance response to this bacterium, which is in line with the finding
560 that ET is one of the effectors produced by *R. solanacearum* to colonize Arabidopsis
561 (Weingart et al. 1999). The constitutive up-regulation in *arr6-3* plants of some *ERFs*,
562 regulated by ET pathway, as well as other genes that are DEGs in susceptible

563 Arabidopsis/*R. solanacearum* interactions might explain the enhanced susceptibility of
564 *arr6-3* to the bacterium (Hanemian et al. 2016; Hu et al. 2008). Notably, *ARR6* expression
565 is repressed in leaves from susceptible compared to resistant plants during *R.*
566 *solanacearum* infections and is activated in *clavata1* mutants that are more tolerant to
567 this bacterium than wild-type plants (Hanemian et al. 2016; Hu et al. 2008). Also, the
568 alteration of protoxylem vessel structure in *arr6-3* plants might contribute to explain the
569 enhanced susceptibility of *arr6-3* to the vascular bacterium, that colonize systemically
570 the plant through the xylem (Hirsch et al. 2002). All these *R. solanacearum*-associated
571 susceptibility factors of *arr6-3* plants might favor bacterial colonization and are not
572 counterbalanced by the slight enhanced activation of PTI observed in the *arr6-3* or the
573 higher PTI activity of the DAMPs found in mutant wall fractions in comparison to Col-0
574 ones.

575 Here, using biochemical analyses we show that leaves of *arr6-3* plants display
576 significant alterations in their cell wall composition, particularly in their pectic fractions
577 (Fig 3), which is in line with the described alteration of protoxylem vessel formation in a
578 different *arr6* allele (Kondo et al. 2011). These *arr6* cell wall features may contribute to
579 the differential disease resistance responses of *arr6* plants as the cell wall structure
580 influences Arabidopsis resistance to *R. solanacearum* and *P. cucumerina*, as observed in
581 *irx1*, *esk1* and *wat1* mutants (Denancé et al. 2013b; Digonnet et al. 2012; Escudero et al.
582 2017; Hernández-Blanco et al. 2007), and pectins have been described to be involved in
583 Arabidopsis resistance to necrotrophic fungi, like *B. cinerea* (Bethke et al. 2016; Lionetti
584 et al. 2017). Beyond structural reasons, pectins, in particular homogalacturonan, are a
585 source of different types of OGs, the best characterized plant cell wall-derived DAMPs,
586 which regulate DAMP-Triggered Immunity (Davidsson et al. 2017; Ferrari et al. 2013;
587 Galletti et al. 2008; Voxeur et al., 2019).

588 The increased abundance of homogalacturonan in the *arr6-3* pectic fractions
589 suggested that some OGs, or OGs concentration or OGs availability might be higher in
590 *arr6-3* walls than in wild-type ones, and accordingly we found that the pectin I and pectin
591 II fractions from *arr6-3* mutant triggered enhanced immune responses in Arabidopsis
592 Col-0 plants, in comparison to the responses activated by the corresponding fractions
593 from wild-type plants (Figs. 4 and 5). These data suggest that additional or higher
594 concentrations of DAMPs are present in *arr6* wall fractions compared to Col-0 ones.
595 Also, we can hypothesize that differential release of specific DAMPs might occurs upon
596 infection of *arr6-3* and Col-0 plants by distinct pathogens expressing different sets of cell
597 wall degrading enzymes. Interestingly, the *arr6-3* pectin I fraction, but not that of Col-0
598 plants, triggers the up-regulation of some marker genes (e.g. *PHI-1*) that are also
599 constitutively up-regulated in *arr6-3* plants, suggesting that some of these genes would
600 be markers of the immune responses activated by the *arr6* pectin I fraction. We also
601 show here that MAPK phosphorylation cascades, that have a crucial role in signal
602 transduction in response to pathogens (Meng and Zhang 2013) and regulate the immune
603 responses, are triggered by the pectin I and pectin II fractions of *arr6-3* and Col-0 plants.
604 Phosphorylation patterns upon treatment with the pectin I, pectin II fractions or OG_{10-15},
605 support that the pathways activated by these fractions are not identical to those activated
606 by flg22 (Fig. 5). Based on the enhanced PTI-triggering capacities of *arr6-3* pectic
607 fractions, their direct application to plant leaves should confer disease resistance.
608 However, future research will be needed in this direction in order to get suited
609 formulations of these complex carbohydrate mixtures that will favor DAMPs penetration
610 through the plant cuticle and will avoid their degradation by leave epiphytic
611 microorganisms or pathogens, as it has been described previously (Trouvelot et al. 2014).

612 In summary, we show here that impairment of *ARR6* gene affects cell wall
613 composition, which may impact plant-pathogen interactions, and lead to the accumulation
614 of precursors of the differential DAMPs (e.g. OGs) that would favor a "defense-ready"
615 state instead of resting stage. Under the attack of a necrotrophic pathogen harboring a
616 repertoire of cell wall degrading enzymes, these DAMPs would be released and perceived
617 through unidentified PRR complexes, contributing to the observed increased resistance
618 of *arr6-3* plants. However, this response would not take place in *arr6-3* plants being
619 attacked by pathogens that colonize the plant through the vascular system, but that do not
620 massively degrade plant cell walls, such as *Rs*GMI1000. Further characterization of
621 ARR6-mediated immunity will pave the way to understand its role in CWI perception
622 and maintenance and PTI regulation.
623

624 **MATERIALS AND METHODS**

625 **Plant material and growth conditions.**

626 The *Arabidopsis thaliana* mutants used in this work, i.e. *arr6-2* (SALK_008866)
627 and *arr6-3* (SALK_133123) were in Columbia-0 (Col-0) genetic background. Details of
628 all mutant lines are provided in Supplementary Table S8. Arabidopsis plants were grown
629 as previously described (Sánchez-Vallet et al. 2010; Mélida et al. 2018). For generation
630 of *ARR6* transgenic lines, constructs presented in Figure S1 were brought into the
631 *Agrobacterium tumefaciens* strain C58 using the Gateway technology (Earley et al. 2006).
632 *ARR6* (*At5g62920*) cDNA was cloned in Gateway plasmids *pGWB2*, *pGWB5* and
633 *pGWB14*. The constructs were used to transform wild-type Col-0 and *arr6-3* plants by
634 the standard floral dip method (Clough and Bent 1998). Segregation in 50 µg/L
635 hygromycin ½ MS 1% sucrose agar plates was analyzed until T4 generation. For each

636 combination of background and construct, expression levels of 10 independent transgenic
637 lines were analyzed by qRT-PCR using oligonucleotide primers (Supplementary Table
638 S9). Two lines from each construct, with different expression levels of the transgene,
639 were selected for further analyses and one of them tested for resistance (Fig. 1;
640 Supplementary Figs. S2 and S3; data not shown).

641 **Pathogenicity assays.**

642 For *P. cucumerina* BMM (*Pc*BMM) pathogenicity assays, 18-day-old plants (n
643 >12) growing on soil were sprayed with a spore suspension ($4x10^6$ spores/ml) of the
644 fungus as previously described (Sánchez-Vallet et al. 2010; Delgado-Cerezo et al. 2012).
645 Fungal biomass *in planta* was quantified at 5 days post-inoculation (dpi) by qPCR
646 determining the β-*tubulin* gene from the fungus and normalizing these values to those of
647 the *UBC21* (*At5g25760*) gene from Arabidopsis (Delgado-Cerezo et al. 2012). The
648 progress of *Pc*BMM infection was estimated at 7 dpi as average disease rating (DR) from
649 0 to 5, where 0 = no symptoms; 1 = plant with some necrotic spots; 2 = one or two necrotic
650 leaves; 3 = three or more leaves showing necrosis; 4 = more than half of the plant showing
651 profuse necrosis; and 5 = decayed/dead plant (Delgado-Cerezo et al. 2012). For *H.*
652 *arabidopsidis* Noco2 assays, 12-day-old plants (n > 20) were sprayed with a conidiospore
653 suspension ($2x10^4$ spores/ml). Plants were incubated under short day conditions for 7
654 days, and the aerial parts of all plants were harvested and released conidiospores were
655 counted (Mélida et al. 2018). Bacterial suspension of *R. solanacearum* GMI1000, cells
656 grown as described in Deslandes et al. (1998), were used for root-inoculation of 28-day-
657 old plants and then bacterial growth curves were calculated by determining disease index
658 (from 0 (no symptoms) to 4 (100% wilted leaves or dead plant)) of inoculated plants, as
659 described previously (Deslandes et al. 1998).

660 **Transcriptomic analyses.**

661 For transcriptomic analyses, eighteen-day-old wild-type and *arr6-3* plants were
662 mock-treated or *Pc*BMM-inoculated, and rosettes (n > 25) were collected at 1 dpi (four
663 biological replicates). Total RNA was extracted using the RNeasy Mini Kit (Qiagen) and
664 resuspended in 30 µL of RNase-free water. RNA quality was tested using a Bioanalyzer
665 2100 (Agilent Technologies, USA). The one-color microarray-based gene expression
666 analysis protocol (Agilent Technologies) was used to amplify and label RNA with
667 cyanine-3-labeled CTP (Cy3). Three of the four biological replicates were independently
668 hybridized for transcriptomic comparison using Arabidopsis (V4) Gene Expression
669 Microarrays 4 9 44k (G2519F, Agilent Technologies). The expression levels of the genes
670 were visualized with FIESTA Viewer (Oliveros 2007). Differentially expressed genes
671 were selected based on; (i) fold change, which had to be under -2 or over 2; and (ii) *p*
672 value, calculated with linear models for microarray analysis (LIMMA) package, that had
673 to be lower than 0.05. The expression of some genes identified in the transcriptome
674 analysis was validated by qRT-PCR amplification using the oligonucleotides listed in
675 Supplementary Table S9.

676 **Cell wall fractionation and characterization.**

677 Plant material was collected and immediately frozen in liquid nitrogen. Cell walls
678 and their fractions were prepared as described (Bacete et al. 2017). Fourier-transform
679 infrared (FTIR) spectroscopy determination was done with discs prepared from mixtures
680 of purified AIR and KBr (1:100, w:w) using a Graseby-Specac press. FTIR spectra were
681 recorded and analyzed as described (Mélida et al. 2009). Lignin-like material was
682 quantified by the Klason gravimetric method with minor modifications (Mélida et al.
683 2015a). Cell wall extracts were hydrolyzed with 72% (w/v) sulphuric acid for 1 h at 30ºC.

684 Sulphuric acid was subsequently diluted to 2.5% (w/v) with water and the mixtures were
685 further heated at 115ºC for 1 h. The residues were filtrated through Durapore PVDF filters
686 (Millipore, 0.45 µm), dried and weighed. Cellulose quantifications were performed as
687 previously described (Sopeña-Torres et al. 2018).

688 For monosaccharide analysis, dried purified cell wall fractions (0.5 mg) were
689 hydrolyzed in the presence of 2 M trifluoroacetic acid (TFA) at 121ºC for 3 h. *Myo*-
690 inositol was used as an internal standard. The resulting monosaccharides were analyzed
691 by high-performance anion-exchange chromatography on a CarboPac PA-10 anion
692 exchange column (4.6 x 250 mm; Dionex) using a pulsed amperometric detector
693 (HPAEC-PAD; Dionex ICS 3000 system). Monosaccharides were eluted at 1 mL min^{-1}
694 using a linear saline gradient of 100 mM NaOH to 100 mM NaOH/300 mM sodium
695 acetate over 20 min.

696 Prior glycosidic linkage analysis uronic acid residues were converted to 6,6-
697 dideuterio neutral sugar derivatives as previously described (Mélida et al. 2015b).
698 Polysaccharide networks in the dry carboxyl reduced cell wall samples (0.1 mg) were
699 methylated according to Mélida et al. 2013. Partially methylated polysaccharides were
700 hydrolyzed in the presence of 2 M TFA at 121ºC for 3 h and converted to permethylated
701 aldiol acetates (Albersheim et al. 1967). The latter were separated and analyzed by gas
702 chromatography (GC) on a SP-2380 capillary column (30 m x 0.25 mm i.d.; Supelco)
703 using a HP-6890 GC system and a HP-5973 electron-impact mass spectrometer (EI-MS)
704 as a detector (Agilent Technologies). The temperature program increased from 180ºC to
705 230ºC at a rate of 1.5ºC min^{-1}. The mass spectra of the fragments obtained from the
706 permethylated alditol acetates (EI-MS) were compared with those of reference
707 derivatives and by comparison to available data
708 (http://ccrc.uga.edu/specdb/ms/pmaa/pframe.html).

709 **Aequorin luminescence measurements.**

710 Arabidopsis 8-day-old liquid-grown transgenic seedlings (n>8) of ecotype Col-0
711 carrying the calcium reporter aequorin (Col-0^{AEQ}; Knight et al. 1991) were used for
712 cytoplasmic calcium (Ca^{2+}_{cyt}) measurements as previously described (Bacete et al. 2017).

713 **Immunoblot analysis of MAPK activation.**

714 Twelve-day-old seedlings were treated with different cell wall fractions and
715 MAMPs/DAMPs. The seedlings were then harvested at 0, 10, 20 and 30 minutes.
716 Immunoblots were performed as previously described (Mélida et al. 2018).

717 **Gene expression analyses.**

718 Quantitative real-time PCR amplification (qRT-PCR) and detection were carried
719 out in a 7300 Real-Time PCR System (Thermo Fisher). Reactions were conducted in a
720 final volume of 20 µL with 10 µL of 2X SYBR Green Master Mix (Roche Applied
721 Science), 1 µM of the oligonucleotides and 10 ng of cDNA. PCR conditions were as
722 follows: 95 °C for 10 min and then 45 cycles of 95 °C for 15 s and 60 ºC for 1 min. At
723 the end of each experiment, a dissociation stage (95 °C for 15 s, 60 °C for 30 s and 95 °C
724 for 15 s) was carried out to ensure that only single products were formed. The expression
725 levels of each gene, relative to *UBC21* (*AT5G25760*) expression, were determined using
726 the Pfaffl method (Pfaffl, 2001). The oligonucleotides used for qRT-PCR are summarized
727 in Supplementary Table S9.

728 **MAMPs and DAMPs.**

729 In Ca^{2+} input, MAPK phosphorylation and gene expression experiments 1,4-β-D-
730 $(GlcNAc)_6$, derived from fungal chitin, and flg22, derived from bacterial flagella, were
731 included as MAMPs controls. 1,4-β-D-$(GlcNAc)_6$, (O-CHI6) was purchased from

732 Megazyme (Wicklow, Ireland) prepared from chitin; and flg22 was a synthetic peptide
733 obtained from EZBiolab. Likewise, OG_{10-15} (1,4-α-D-$GalA_{10-15}$) derived from
734 homogalacturonan were included as a DAMPs control. OG_{10-15} (#GAT114) were obtained
735 from Elicityl (Crolles, France) generated from galacturonate polysaccharide hydrolysis
736 with a >99% purity.

737 **Metabolic profiling.**

738 25-day-old Col-0 and *arr6-3* plants were collected, ground in liquid nitrogen and
739 freeze dried for 24 hours under vacuum. Four biological replicates for each of these
740 genotypes were further processed and analyzed by Metabolon Inc. (Research Triangle
741 Park, NC, USA) for global unbiased metabolite profiling as described previously (Ren et
742 al. 2012).

743 **Accession Number.**

744 Microarray expression data from this article can be found in the gene expression
745 omnibus (GEO)/NCBI database under accession number GSE120923.

746 **ACKNOWLEDGEMENTS**

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748 mutant. We also thank Plant Response Biotech (PRB), Semillas Fitó (SF) and the
749 NOBACTOME project team (Drs. Marisé Borja and Rosa Pérez (PRB), and Torben
750 Jahrmann (SF)) for providing support and valuable discussions about ARR6 function.

751

752 **SUPPLEMENTARY MATERIAL**

753 The following supplementary materials are available (*e*-Xtra):

754 **Supplementary Fig. S1.** *Arabidopsis Response Regulator 6* (*ARR6*, *AT5G62920*) gene
755 is differentially expressed in response to several biotic and abiotic stresses.

756 **Supplementary Fig. S2.** *arr6* mutant alleles and transgenic *ARR6* lines used in this work.

757 **Supplementary Fig. S3.** Disease resistance phenotypes of *arr6-2* mutant allele and
758 *35S::ARR6-GFP* and *35S::ARR6-HA* lines.

759 **Supplementary Fig. S4**. Expression pattern of ERFs genes up-regulated in *arr6-3* plants
760 in comparison with that in *Pc*BMM or *Rs*GMI1000 infected Col-0 plants.

761 **Supplementary Fig. S5. Gene expression profile observed for *arr6-3* in comparison**
762 **with cytokinin-related expression datasets.**

763 **Supplementary Fig. S6.** Functional classification of the 905 DE genes exclusive of *arr6-*
764 *3* in response to *P. cucumerina* infection, based on biological function Gene Ontology
765 (GO) classification**.**

766 **Supplementary Fig. S7.** Comparative metabolomic profile of *arr6-3.*

767 **Supplementary Fig. S8.** PTI responses upon MAMP treatment in *arr6-3 plants*

768 **Supplementary Fig. S9.** Genes encoding cell wall related proteins are differentially
769 expressed in *arr6-3*.

770 **Supplementary Fig. S10.** Lignin and cellulose amount in cell walls from Col-0 wild-
771 type plants and *arr6-3* plants.

772 **Supplementary Fig. S11**. Monosaccharide composition (mol%) of the hemicellulose cell
773 wall fractions from Col-0 and *arr6-3* plants.

774 **Supplementary Fig. S12.** Glycosidic linkage analysis (mol%) of the pectin cell wall
775 fractions from Col-0 wild-type plants and *arr6-3* plants.

776 **Supplementary Table S1.** Genes differentially expressed in *arr6-3* plants.

777 **Supplementary Table S2.** Functional classification of the differentially expressed genes
778 in *arr6-3* plants.

779 **Supplementary Table S3.** ERFs differentially expressed in *arr6-3* plants.

780 **Supplementary Table S4**. Expression levels of genes implied in different defense
781 response pathways in *arr6-3* plants.

782 **Supplementary Table S5.** Genes differentially expressed in *arr6-3* mutant plants in
783 response to *Pc*BMM infection.

784 **Supplementary Table S6**. Genes differentially expressed in Col-0 wild-type plants in
785 response to *Pc*BMM infection.

786 **Supplementary Table S7.** Global metabolic profile of *arr6-3* plants.

787 **Supplementary Table S8.** Arabidopsis genotypes used in this study.

788 **Supplementary Table S9.** Oligonucleotides used in this work.

789

790 **FIGURE LEGENDS**

791 **Fig. 1.** Mutants and overexpression *ARR6* lines display altered resistance to pathogens.
792 **A,** *P. cucumerina* BMM biomass quantification by qPCR of fungus β-tubulin (β-tub) at
793 5 dpi. Values are represented as the average (± SE) of the n-fold increased expression
794 compared to Col-0 wild-type plants. Asterisks indicate statistically significant differences
795 compared to wild-type β-tub expression level (ANOVA, multiple comparisons corrected
796 by Holm-Sidak's test, $*p < 0.05$; $***p < 0.001$). Data are from one of the three
797 experiments performed ($n = 10$) that gave similar results. **B,** Average disease index (±
798 SE) at different days post inoculation (dpi) of the indicated Arabidopsis genotypes

799 inoculated with *R. solanacearum* GMI1000. Disease index: from 0 (no symptoms) to 4
800 (100% decayed plant). Asterisks indicate statistically significant differences compared to
801 wild-type (Col-0) (ANOVA, multiple comparisons corrected by Holm-Sidak's test, $*p <$
802 0.05; $**p < 0.01$; $***p < 0.001$). Data are from one of the two experiments performed
803 that gave similar results. **C,** Disease resistance phenotypes upon infection with *H.*
804 *arabidopsidis* Noco2. Conidiospores per milligram (mg) of leaf fresh weight were
805 measured at 7 dpi. Values are means of $n = 20 \pm$ SE. Asterisks indicate statistically
806 significant differences compared to wild-type (Col-0) (ANOVA, multiple comparisons
807 corrected by Holm-Sidak's test, $*p < 0.05$; $*p < 0.01$). Data are from one of the two
808 experiments performed that gave similar results.

809 **Fig. 2**. Genes associated with response to stimuli are overrepresented among *arr6-3*
810 differentially expressed genes. **A,** Classification of the 205 differentially expressed genes
811 (DEGs) in *arr6-3* compared to wild-type (Col-0). Biological function Gene Ontology
812 (GO) terms overrepresented among *arr6-3* DEGs were determined using a
813 hypergeometric test Benjamini & Hochberg False Discovery Rate (FDR) and a *p* value
814 cut-off of 0.05. When a determined gene had more than one associated Biological
815 Function GO term with a *p* value < 0.05, the GO term with lowest *p* value was selected
816 to classify that gene. **B,** qRT-PCR validation of *arr6-3* DEGs identified. Values shown
817 correspond to expression levels in *arr6-3* calculated for each gene using *UBC21*
818 (*At5g25760*) as a housekeeping gene and are relativized to their expression level in Col-
819 0. Mean values ± SE ($n = 3$) from a representative experiment of the three performed are
820 represented. **C,** Venn diagram representing the differentially expressed (DE) genes in
821 *arr6-3* and wild-type (Col-0) plants at 1 dpi with *P. cucumerina* BMM isolate. The
822 number of DE genes is indicated for each treatment, indicating how many of these genes
823 are upregulated (↑, in red) or downregulated (↓, in blue). **D,** Expression levels of genes

824 implied in different defense response pathways was determined by qRT-PCR in Col-0
825 and *arr6-3* plants at 1 dpi with *Pc*BMM. Asterisks indicate statistically significant
826 between Col-0 and *arr6-3* (ANOVA, multiple comparisons corrected by Dunnett's test,
827 $*p < 0.05$; $**p < 0.01$; $***p < 0.001$.

828 **Fig. 3.** *arr6-3* plants display alterations in their cell wall compositions. **A,** Fourier-
829 transform infrared spectroscopy (FTIR) difference spectra obtained after digital
830 subtraction of Col-0 cell wall. **B,C,** Monosaccharide composition (Mol%) of the pectin I
831 (**B**) and pectin II (**C**) cell wall fractions from Col-0 wild-type and *arr6-3* plants. Fuc:
832 fucose; Ara: arabinose; Rha: rhamnose; Gal: galactose; Glc: glucose; Xyl: xylose; Man:
833 mannose; GalA: galacturonic acid; GlcA: glucuronic acid. Asterisks indicate statistically
834 significant differences (ANOVA, multiple comparisons corrected by Holm-Sidak's test,
835 $*p < 0.05$; $**p < 0.01$; $***p < 0.001$).

836 **Fig. 4.** Pectin-enriched cell wall fractions trigger calcium influxes. **A,B,** Ca^{2+} influx
837 kinetics triggered in Col-0^{AEQ} seedlings by the pectin I, pectin II, hemicellulose I or
838 hemicellulose II fractions from wild-type (Col-0) (**A**) or *arr6-3* **(B)** plants (50 ng
839 sugar/mL). **C,** Well-characterized DAMP-PAMPs used as controls (1 µM flg22; 0.25 µM
840 oligogalacturonides (OGs) degree of polymerization (DP) 10-15, mock treatment is H_2O).
841 All treatments were applied by automatic injection and luminiscence was recorded for
842 1200 seconds (s). Red-shaded areas represent time before automatic injection i.e.,
843 background signal. Data shown in panels A-C belongs to the same experiment but have
844 been spliced into different panels in the benefit of the figure. Values are means ± SE, n =
845 8, and are representative of, at least, three biological replicates. **D,** Variation of
846 intracellular Ca^{2+} concentration after 10 minutes of treatment of Col-0^{AEQ} seedlings with
847 untreated Pectin I fractions (0.5 µg/µL) or flg22 (500 nM) or fractions treated with heat
848 (20 minutes at 95 ºC) or proteinase K (1 U overnight at 37 ºC) followed by heat treatment

849 for 20 minutes at 95 ºC. Bars indicate significant differences between Ca^{2+} influx
850 triggered by fractions subjected to different treatments (ANOVA, multiple comparisons
851 corrected by Holm-Sidak's test, ***p < 0.001). Proteinase K might have an effect on
852 plants or growth medium used, since we observed an increase on Ca^{2+} concentration in
853 mock samples (H_2O + proteinase K) upon application to seedlings.

854 **Fig. 5.** Activation of PTI responses by pectin cell wall fractions from Col-0 and *arr6-3*
855 mutant. **A-C,** Western blot determination of MAPK phosphorylation at different time
856 points (0, 10, 20 and 30 minutes) upon application to wild-type plants (Col-0) of the
857 pectin I (**A**) or pectin II (**B**) fractions from Col-0 or *arr6* plants (0.5 µg/µL), or 100 nM
858 flg22/0.5 µg/µL OG_{10-15} control (**C**). α-phospho-p44/42 rabbit antibody was used for
859 MAPK detection and Ponceau staining was used to show equal protein loading. Data are
860 representative of one of the three independent experiments performed that gave similar
861 results. All these samples were analyzed in the same experiment/blot. **D-F,** qRT-PCR
862 analyses of defense and MAMP-induced genes in Col-0 seedlings treated for 30 min with
863 either pectin I (**D**) pectin II (**E**) fractions (0.5 µg/µL), or 100 nM flg22/0.5 µg/µL OG_{10-}
864 $_{15}$ controls (**F**). Relative expression levels to the *UBC21* (*At5g25760*) gene are shown.
865 Asterisks indicate significant differences (ANOVA, multiple comparisons corrected by
866 Dunnett's test, $*p < 0.05$; $**p < 0.01$). Data are representative from one out of two
867 independent experiments performed that gave similar results.

868

869 **SUPPLEMENTARY FIGURE LEGENDS**

870 **Fig. S1.** *ARABIDOPSIS RESPONSE REGULATOR 6* (*ARR6*, *At5g62920*) gene is
871 differentially expressed in response to several biotic and abiotic stresses. Heat map of
872 *ARR6* gene expression in Arabidopsis after pathogen, elicitor or abiotic stress treatment.

873 Microarray data were retrieved from the Bio-Analytic Resource for Plant Biology (BAR,
874 http://bar.utoronto.ca). The log n-fold and the time after treatment are color-coded.
875 **Fig. S2. :** *arr6* mutant alleles and transgenic ARR6 lines used in this work. **A**, Structure
876 of the *ARR6* gene. Black boxes correspond to the exons and gaps to introns. Grey boxes
877 indicate 5' and 3' UTR. T-DNA insertion sites that generate the correspondent insertion
878 *arr6-2* and *arr6-3* lines are indicated. Arrows illustrate the location of the qRT-PCR
879 primers used to evaluate *ARR6* expression. FP: Forward primer. RP: Reverse primer. **B**,
880 Expression of *ARR6* in wild type (Col-0), *arr6*-2, *arr6-3*, Col-0 35S::*ARR6,* Col-0
881 35S::*ARR6-GFP,* Col-0 35S::*ARR6-3HA* and *arr6-3* 35S::*ARR6*. Relative expression
882 levels to the *UBC21* (*At5g25760*) gene are shown. Values are means of $n = 3$. Asterisks
883 indicate statistically significant differences compared to wild type (Col-0) expression
884 (ANOVA, multiple comparisons corrected by Holm-Sidak's test, $^{**}p < 0.01$ $^{***}p <$
885 0.001). C, Constructs used for generation of *ARABIDOPSIS RESPONSE REGULATOR*
886 *6* (*ARR6*) transgenic lines. *ARR6* cDNA sequences were inserted substituting the *attR1-*
887 (*Cm*^{r}, *ccdB*)-*attR2* cassette of Gateway® plasmids pGWB2, pGWB5 and pGWB14. RB:
888 Right border; NosP*::NPTII*: *NPTII* gen (kanamycin resistance) under NOS promoter.
889 35S: CaMV 35S promoter. *attR1* and *attR2*: recombination sites. *sGFP*: superfolder GFP;
890 *HA*: haemagglutinin. NosT: NOS terminator. 35S:*HPT*: hygromycin phosphotransferase
891 (*HPT*) gene under the control of the CaMV 35S promoter. LB: Left border.
892 **Fig. S3.** Disease resistance phenotypes of *arr6-2* mutant allele and *35S::ARR6-GFP* and
893 *35S::ARR6-HA* lines. **A**, Average disease ratings (DR ± SE) at 7 days post inoculation
894 (dpi) of *Pc*BMM. Asterisks indicate statistically significant differences compared to wild
895 type (Col-0) disease index (ANOVA, multiple comparisons corrected by Holm-Sidak's
896 test, * $P < 0.05$). Data are from one out of three independent experiments, which gave
897 similar results. **B**, Quantification of *Plectosphaerella cucumerina* BMM biomass by

898 qPCR amplification of *β-tubulin* (*β-tub*) fugal gene at 5 days post inoculation. Values are
899 represented as the average (± SE, n = 3) of the n-fold increased expression compared with
900 wild-type plants. Asterisks indicate statistically significant differences compared to wild
901 type (Col-0) *β-tub* expression level (ANOVA, multiple comparisons corrected by Holm-
902 Sidak's test, $*p < 0.05$; $**p < 0.01$; $***p < 0.001$). Data are from one out of three
903 independent experiments, which gave similar results. **C**, Average disease index ± SE after
904 root inoculation with the GMI1000 strain of the vascular bacterium *Ralstonia*
905 *solanacearum.* Disease index varies from 0 (no symptoms) and 4 (100% wilted leaves or
906 dead plant). Asterisks indicate statistically significant differences compared to wild type
907 (Col-0) disease index (ANOVA, multiple comparisons corrected by Holm-Sidak's test,
908 $*p < 0.05$; $**p < 0.01$; $***p < 0.01$). D, Conidiospores per milligram (mg) of leaf fresh
909 weight upon infection with upon infection with *Hyaloperonospora arabidopsidis* Noco2
910 (*Ha*Noco2). Conidiospores were manually counted at 7 days post inoculation (dpi).
911 Values are means of n = 5 ± SE. Asterisks indicate statistically significant differences
912 compared to wild type (Col-0) (ANOVA, multiple comparisons corrected by Holm-Sidak
913 test, $*p < 0.05$; $**p < 0.01$).

914 **Fig. S4.** Expression pattern of ERFs genes up-regulated in *arr6-3* plants in comparison
915 with that in *Pc*BMM or *Rs*GMI1000 infected Col-0 plants. Expression levels of *ERFs*
916 genes upregulated (n-fold higher than 2) in the *arr6-3* mock-treated plants are also
917 differentially expressed (DE) at 1 dpi of Col-0 plants with *P. cucumerina* BMM
918 (*Pc*BMM; Delgado-Cerezo et al., 2012), or 3 dpi of Col-0 plants with *R. solanacearum*
919 GMI1000 strain (*Rs*GMI1000; Hu *et al.* 2008).

920 **Fig. S5.** Gene expression profile observed for *arr6-3* in comparison with cytokinin-
921 related expression datasets. **A**, Venn diagram showing the overlapping in gene expression
922 pattern between *arr6-3*, *ahk1* and *ahk2 ahk3* mutants. Data from *ahk1* and *ahk2 ahk3*

923 mutants were obtained from ArrayExpress (E-MEXP-1155; Tran et al. 2007). **B**, Venn
924 diagram showing the overlapping in gene expression pattern between *arr6-3* mock-
925 treated plants, *arr6-3* plants 3 days post infection (dpi) with *Plectosphaerella cucumerina*
926 BMM (*Pc*BMM) and the dataset of cytokinin (CK)-related genes described by Bhargava
927 et al. (2013).

928 **Fig. S6:** Functional classification of the 905 DE genes exclusive of *arr6-3* response to *P.*
929 *cucumerina* based on biological function Gene Ontology (GO) classification. Biological
930 function GO terms were calculated to be overrepresented among these 905 genes using
931 the hypergeometric test and Benjamini & Hochberg False Discovery Rate (FDR)
932 corrected and a *p* value cut-off of 0.05. The size of the circles is proportional to the
933 number of genes in each GO category, and red/blue proportions represent up- and down-
934 regulated genes in each category, respectively. For further information about the 905
935 classified DE genes, see Supplementary Table S5.

936 **Fig. S7:** Comparative metabolomic profile of *arr6-3*. Global metabolomic profile of 25-
937 day old *arr6-3* plants, in comparison with wild type (Col-0) plants under the same
938 conditions. Four biological replicates for each of these genotypes were collected and
939 analyzed by Metabolon INC. Results presented in the figure are average values of the
940 four replicates. Relative abundance values for each metabolite were calculated by
941 Metabolon INC. **A,** Metabolites identified as differently abundant in either Col-0 (blue)
942 or *arr6-3* (red) plants. The size of the circles is proportional to the relative abundance of
943 each metabolite. **B,** Relative amounts (as calculated by Metabolon Inc.) of all analysed
944 hormone-related metabolites ($n = 4 \pm$ SE).

945 **Fig. S8. A,** Western blot determination of MAPK phosphorylation at different time points
946 (0, 5, 10 and 15 minutes) upon application to wild type, *arr6-3* and Col-0 *35S::ARR6*
947 seedlings of mock (H_2O), 1 μM flg22 or 100 μM 1,4-β-d-$(GlcNAc)_6$ (chitin hexamer)

948 treatments. α-phospho-p44/42 rabbit antibody was used for MAPK detection and
949 Ponceau staining was used to show equal protein loading. All these samples were
950 analyzed in the same western-blot. **B,** qRT-PCR analyses of expression level of *PHI1*
951 PTI marker gene in wild type, *arr6-3* and Col-0 *35S::ARR6* seedlings 30 minutes after
952 treatment with the MAMPs stated above. Relative expression levels to the *UBC21*
953 (*At5g25760*) gene are shown. **C,** qRT-PCR analyses of *ARR6* expression level upon
954 application of the above-mentioned treatments. Relative expression levels to the *UBC21*
955 (*At5g25760*) gene are shown. Asterisks indicate significant differences (ANOVA,
956 multiple comparisons corrected by Dunnett's test; $^{**}p < 0.01$, $^{***}p < 0.001$, ns not
957 significant).

958 **Fig. S9.** Genes encoding cell wall related proteins, that are differentially expressed in
959 *arr6-3*. Heatmap representing expression (n-fold, color coded) of 14 cell wall-related
960 genes DE included in at least one of the indicated cell wall components GO categories:
961 Golgi apparatus, cell wall, extracellular or endoplasmic reticulum (ER).

962 **Fig. S10.** Lignin and cellulose contents in cell walls from Col-0 and *arr6* plants. Values
963 are means ± SD of 4 independent quantifications.

964 **Fig. S11.** Monosaccharide composition (mol%) of the hemicellulose cell wall fractions
965 from Col-0 and *arr6* plants. See Figure 3 legend for details.

966 **Fig. S12.** Glycosidic linkage analysis (mol%) of the pectin I and pectin II cell wall
967 fractions from Col-0 and *arr6* plants. Values are means ± SD, $n = 6$. The different
968 glycosidic linkages and pyranose or furanose forms of each monosaccharide were
969 deduced from EI-MS spectra. Nomenclature used for the names of the sugar derivatives:
970 Ara, arabinose; Xyl, xylose; Rha, rhamnose; Man, mannose; Gal, galactose; Glc, glucose;
971 GlcA, glucuronic acid; GalA, galacturonic acid; "p" and "f" at the end of a
972 monosaccharide abbreviation indicate that the residue occurs in the pyranose or furanose

973 form, respectively; "t-" indicates a "terminal" monosaccharide, *i.e.* a monosaccharide that
974 occurs at the non-reducing end of a glycan; numbers separated by a comma indicate
975 linkage type, *e.g.* 1,4-Glcp stands for 1,4-linked glucopyranose (corresponding to 1,4,5-
976 tri-*O*-acetyl-1-deuterio-2,3,6-tri-*O*-methyl-D-glucitol).

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1303

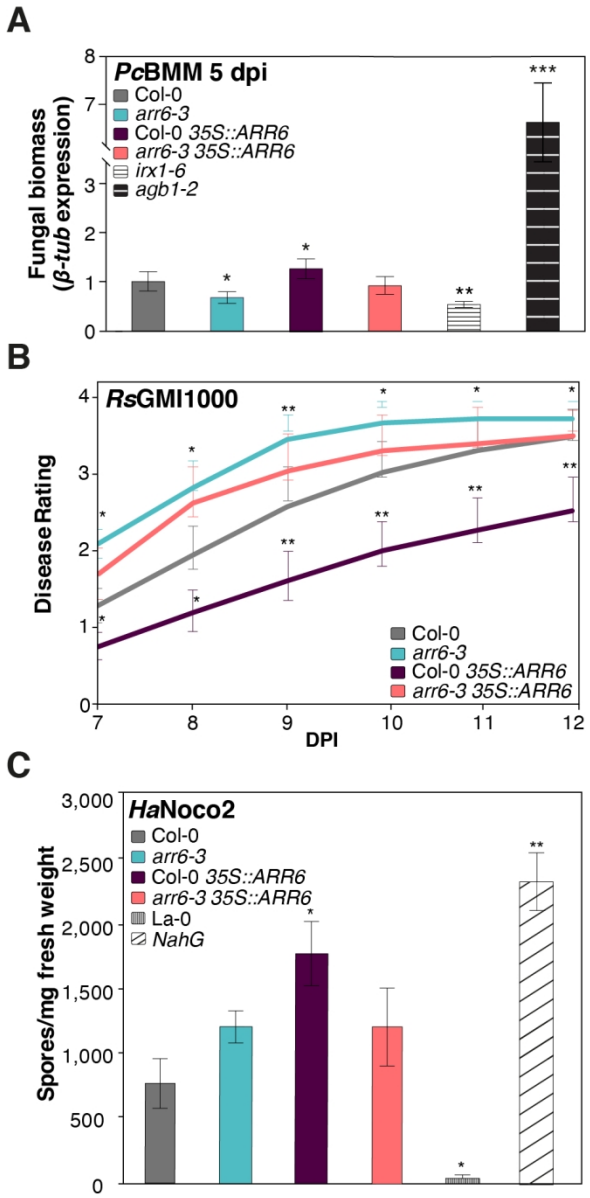


Fig. 1. Mutants and overexpression ARR6 lines display altered resistance to pathogens.

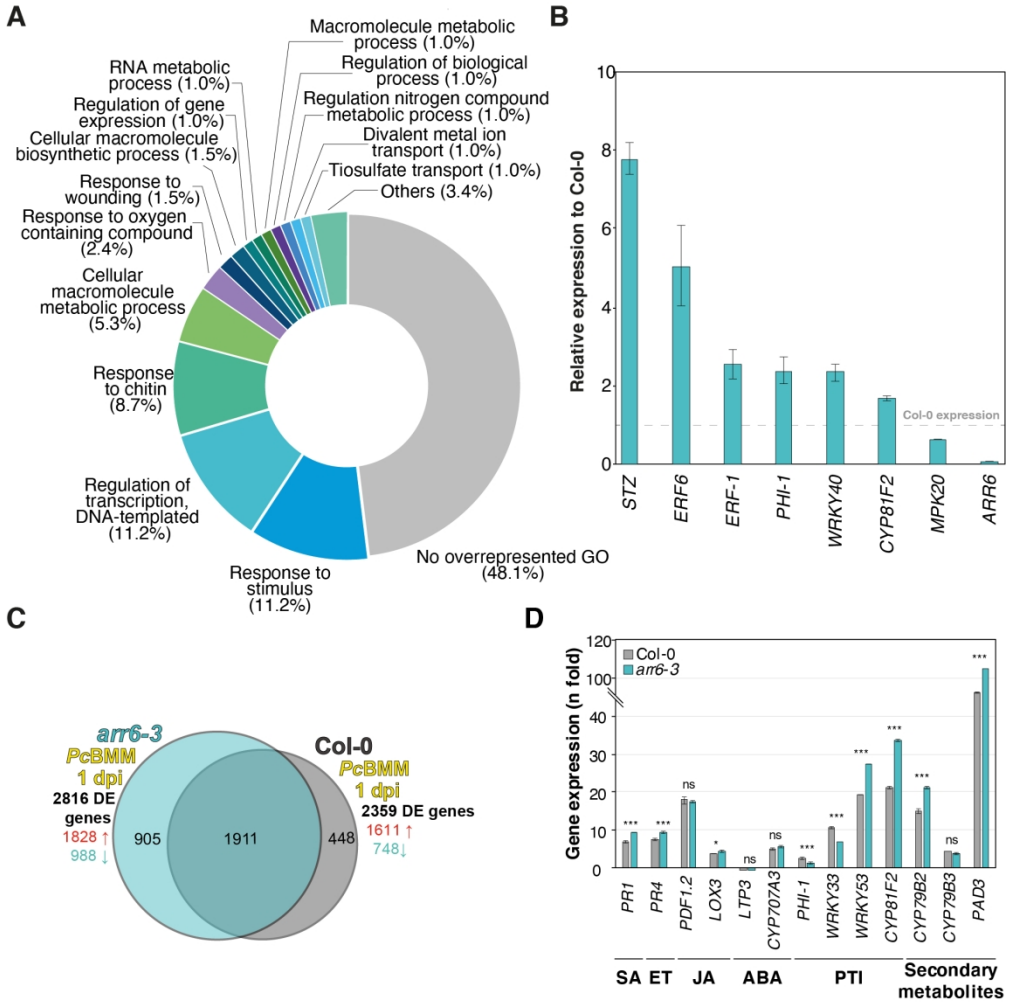


Fig. 2. Genes associated with response to stimuli are overrepresented among arr6-3 differentially expressed genes.

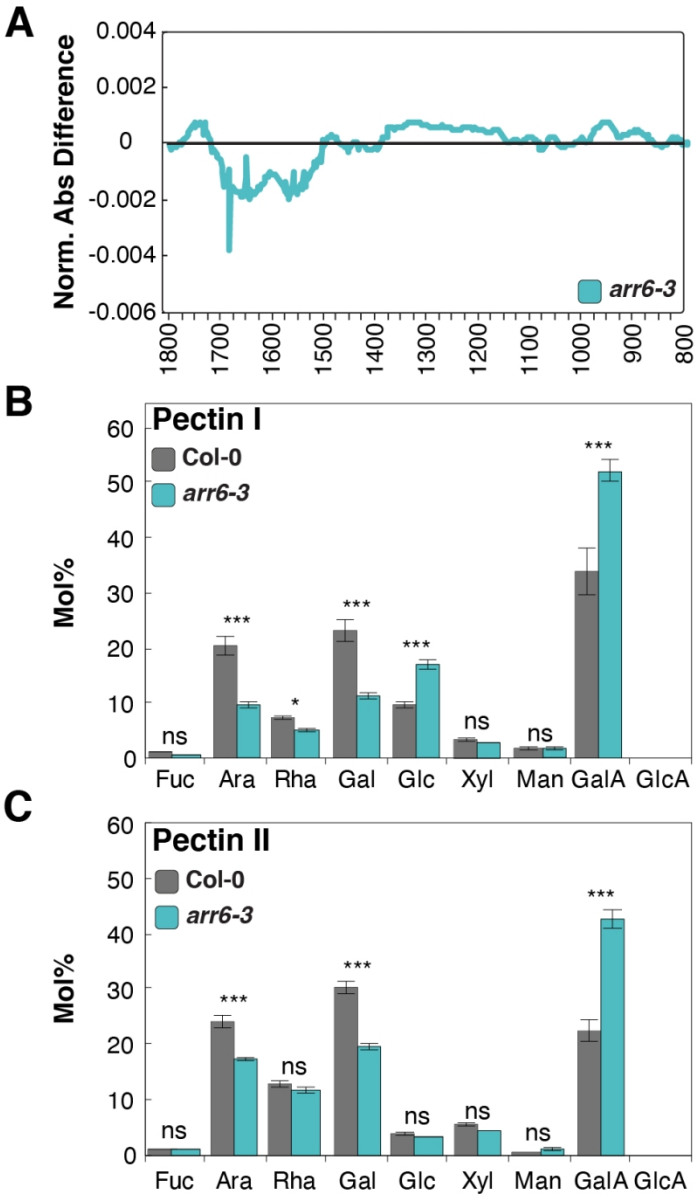


Fig. 3. arr6-3 plants display alterations in their cell wall compositions. A, Fourier-transform infrared spectroscopy (FTIR) difference spectra obtained after digital subtraction of Col-0 cell wall.

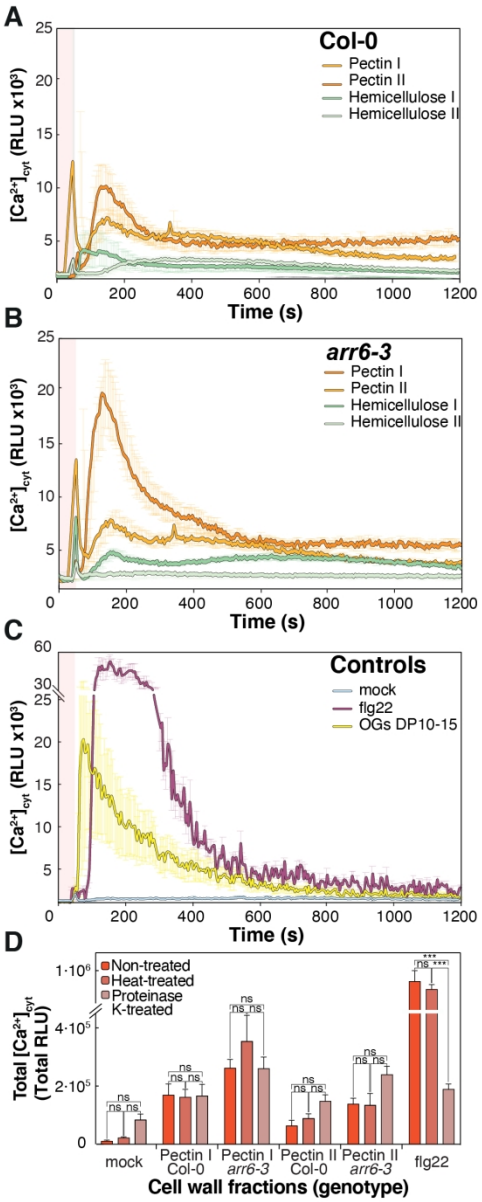


Fig. 4. Pectin-enriched cell wall fractions trigger calcium influxes.

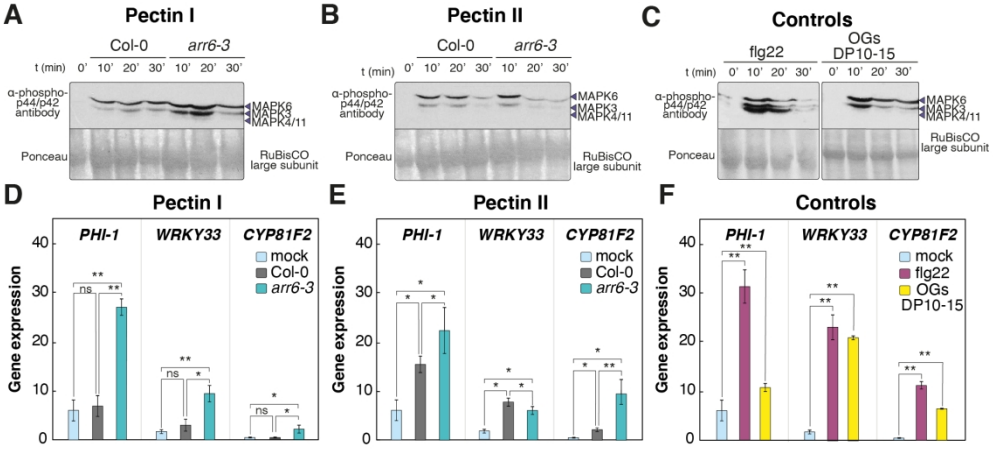
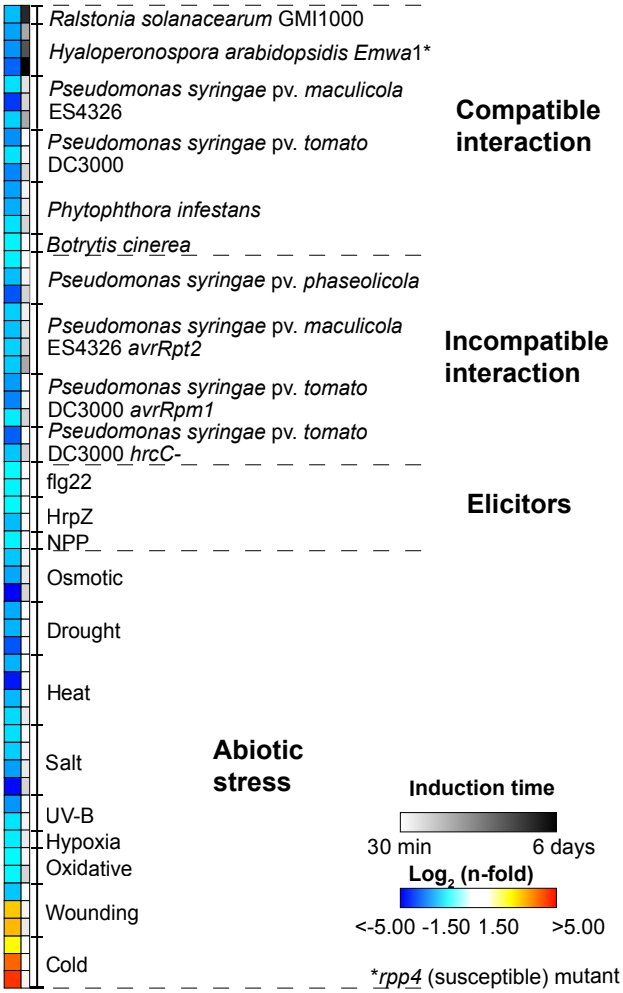
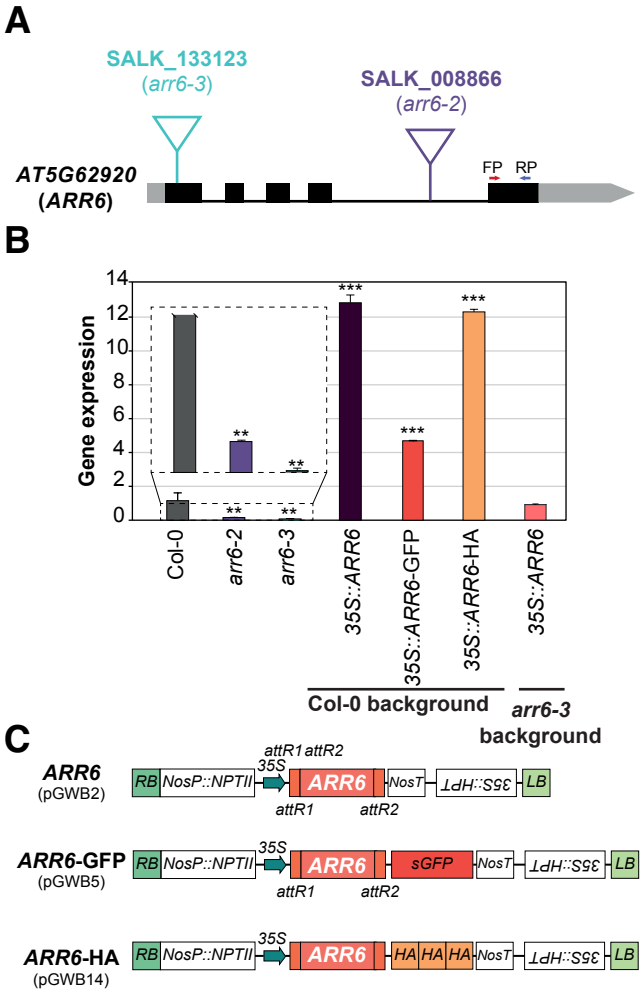


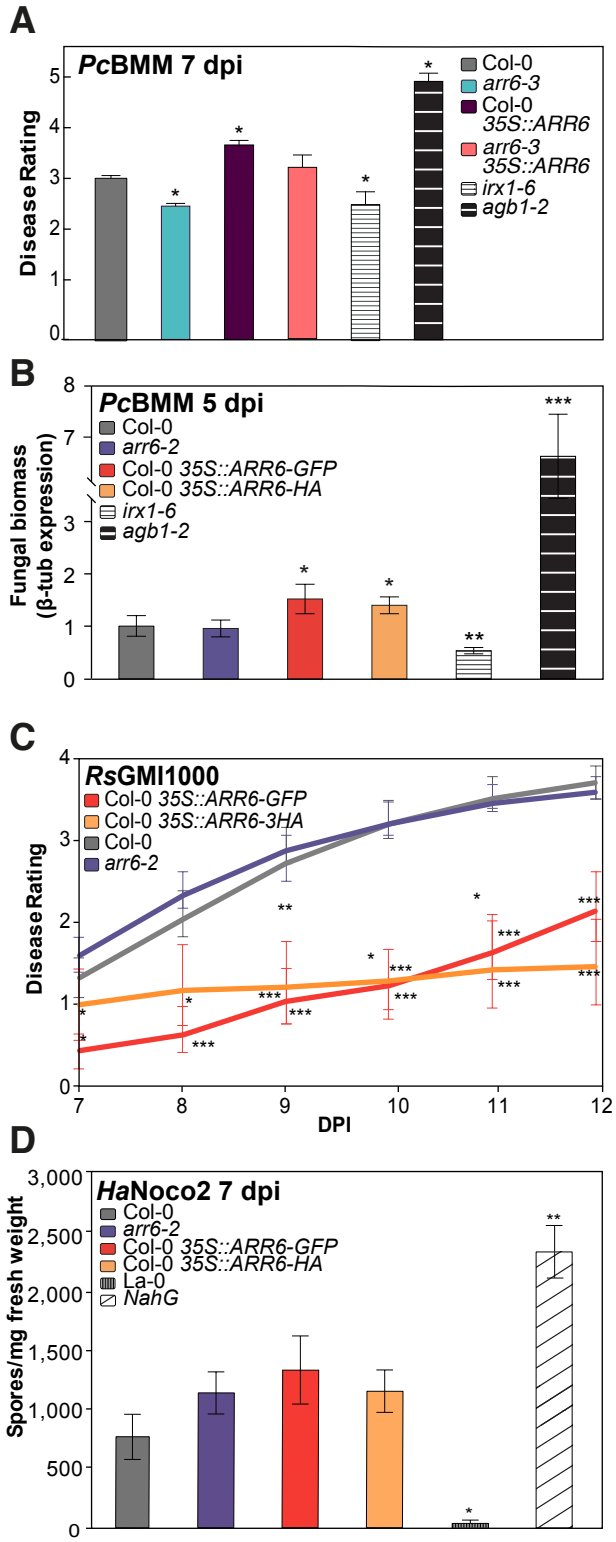
Fig. 5. Activation of PTI responses by pectin cell wall fractions from Col-0 and arr6-3 mutant.



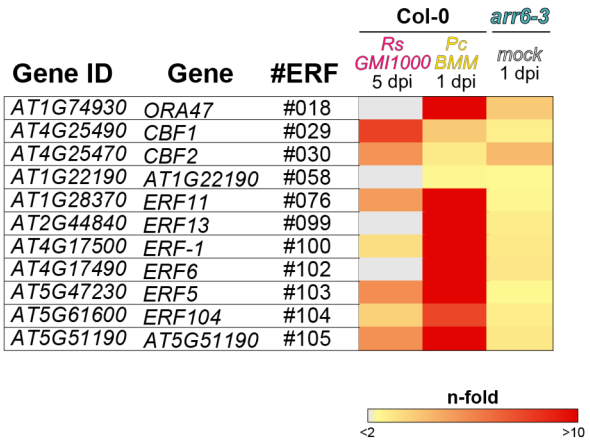
Supplementary Figure S1: *ARABIDOPSIS RESPONSE REGULATOR 6* (*ARR6*, *At5g62920*) gene is differentially expressed in response to several biotic and abiotic stresses. Heat map of *ARR6* gene expression in Arabidopsis after pathogen, elicitor or abiotic stress treatment. Microarray data were retrieved from the Bio-Analytic Resource for Plant Biology (BAR, http://bar.utoronto.ca). The log n-fold and the time after treatment are color-coded.



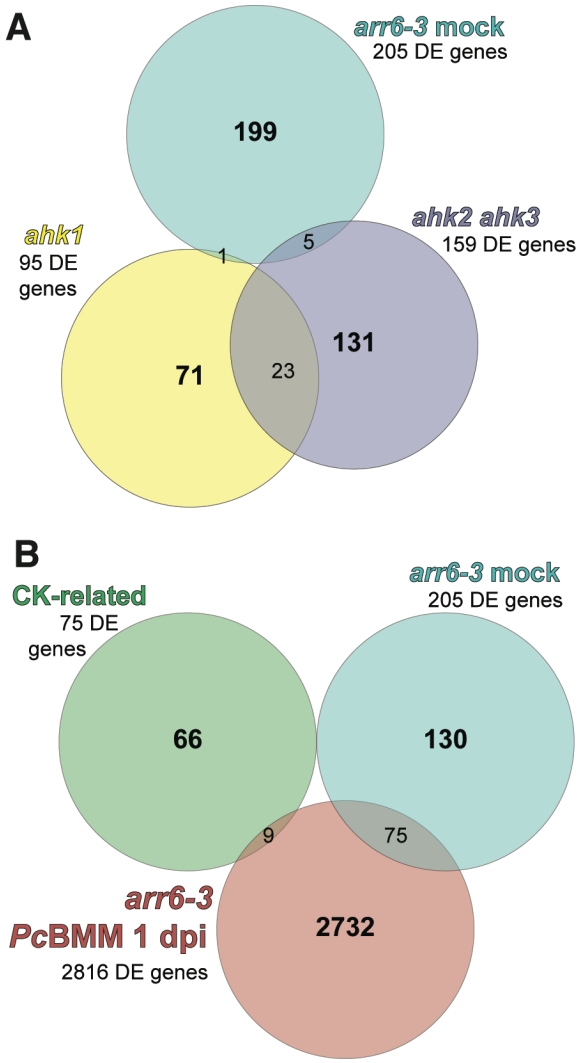
Supplementary Figure S2: *arr6* mutant alleles and transgenic ARR6 lines used in this work. A, Structure of the *ARR6* gene. Black boxes correspond to the exons and gaps to introns. Grey boxes indicate 5' and 3' UTR. T-DNA insertion sites that generate the correspondent insertion *arr6-2* and *arr6-3* lines are indicated. Arrows illustrate the location of the qRT-PCR primers used to evaluate *ARR6* expression. FP: Forward primer. RP: Reverse primer. **B,** Expression of *ARR6* in wild type (Col-0), *arr6*-2, *arr6-3*, Col-0 35S::*ARR6,* Col-0 35S::*ARR6-GFP,* Col-0 35S::*ARR6-3HA* and *arr6-3* 35S::*ARR6*. Relative expression levels to the *UBC21* (*At5g25760*) gene are shown. Values are means of $n = 3$. Asterisks indicate statistically significant differences compared to wild type (Col-0) expression (ANOVA, multiple comparisons corrected by Holm-Sidak's test, $^{**}p < 0.01$ $^{***}p < 0.001$). **C,** Constructs used for generation of *ARABIDOPSIS RESPONSE REGULATOR 6* (*ARR6*) transgenic lines. *ARR6* cDNA sequences were inserted substituting the *attR1*-(*Cm*^{r}, *ccdB*)-*attR2* cassette of Gateway® plasmids pGWB2, pGWB5 and pGWB14. RB: Right border; NosP*::NPTII*: *NPTII* gen (kanamycin resistance) under NOS promoter. 35S: CaMV 35S promoter. *attR1* and *attR2*: recombination sites. *sGFP*: superfolder GFP; *HA*: haemagglutinin. NosT: NOS terminator. 35S:*HPT*: hygromycin phosphotransferase (*HPT*) gene under the control of the CaMV 35S promoter. LB: Left border.



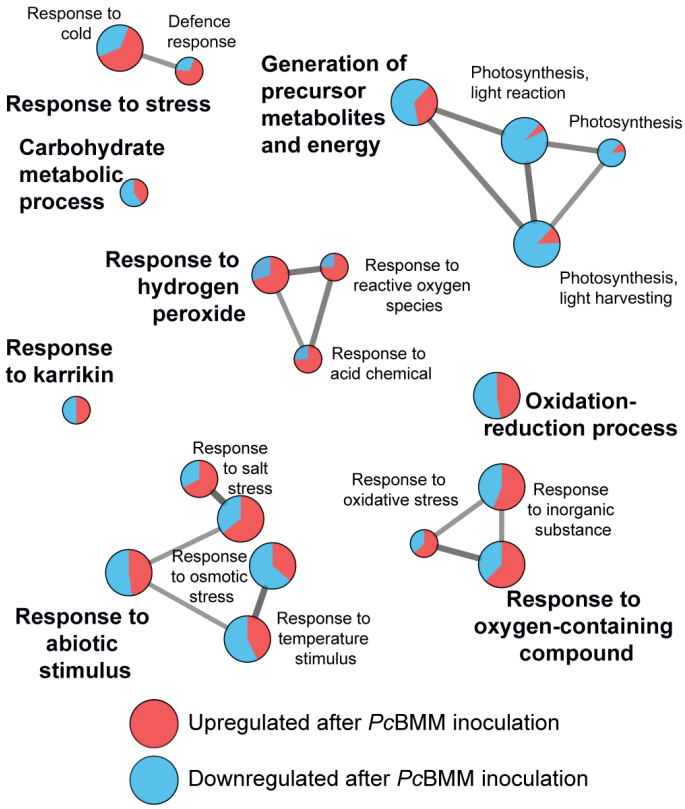
Supplementary Figure S3. Disease resistance phenotypes of *arr6-2* mutant allele and *35S::ARR6-GFP* and *35S::ARR6-HA* lines. A, Average disease ratings (DR ± SE) at 7 days post inoculation (dpi) of *Pc*BMM. Asterisks indicate statistically significant differences compared to wild type (Col-0) disease index (ANOVA, multiple comparisons corrected by Holm-Sidak's test, * $P < 0.05$). Data are from one out of three independent experiments, which gave similar results. **B,** Quantification of *Plectosphaerella cucumerina* BMM biomass by qPCR amplification of *β-tubulin* (*β-tub*) fugal gene at 5 days post inoculation. Values are represented as the average (± SE, n = 3) of the n-fold increased expression compared with wild-type plants. Asterisks indicate statistically significant differences compared to wild type (Col-0) *β-tub* expression level (ANOVA, multiple comparisons corrected by Holm-Sidak's test, *$p < 0.05$; **$p < 0.01$; ***$p < 0.001$). Data are from one out of three independent experiments, which gave similar results. **C,** Average disease index ± SE after root inoculation with the GMI1000 strain of the vascular bacterium *Ralstonia solanacearum.* Disease index varies from 0 (no symptoms) and 4 (100% wilted leaves or dead plant). Asterisks indicate statistically significant differences compared to wild type (Col-0) disease index (ANOVA, multiple comparisons corrected by Holm-Sidak's test, *$p < 0.05$; **$p < 0.01$; ***$p < 0.01$). **D,** Conidiospores per milligram (mg) of leaf fresh weight upon infection with upon infection with *Hyaloperonospora arabidopsidis* Noco2 (*Ha*Noco2). Conidiospores were manually counted at 7 days post inoculation (dpi). Values are means of n = 5 ± SE. Asterisks indicate statistically significant differences compared to wild type (Col-0) (ANOVA, multiple comparisons corrected by Holm-Sidak test, *$p < 0.05$; **$p < 0.01$).



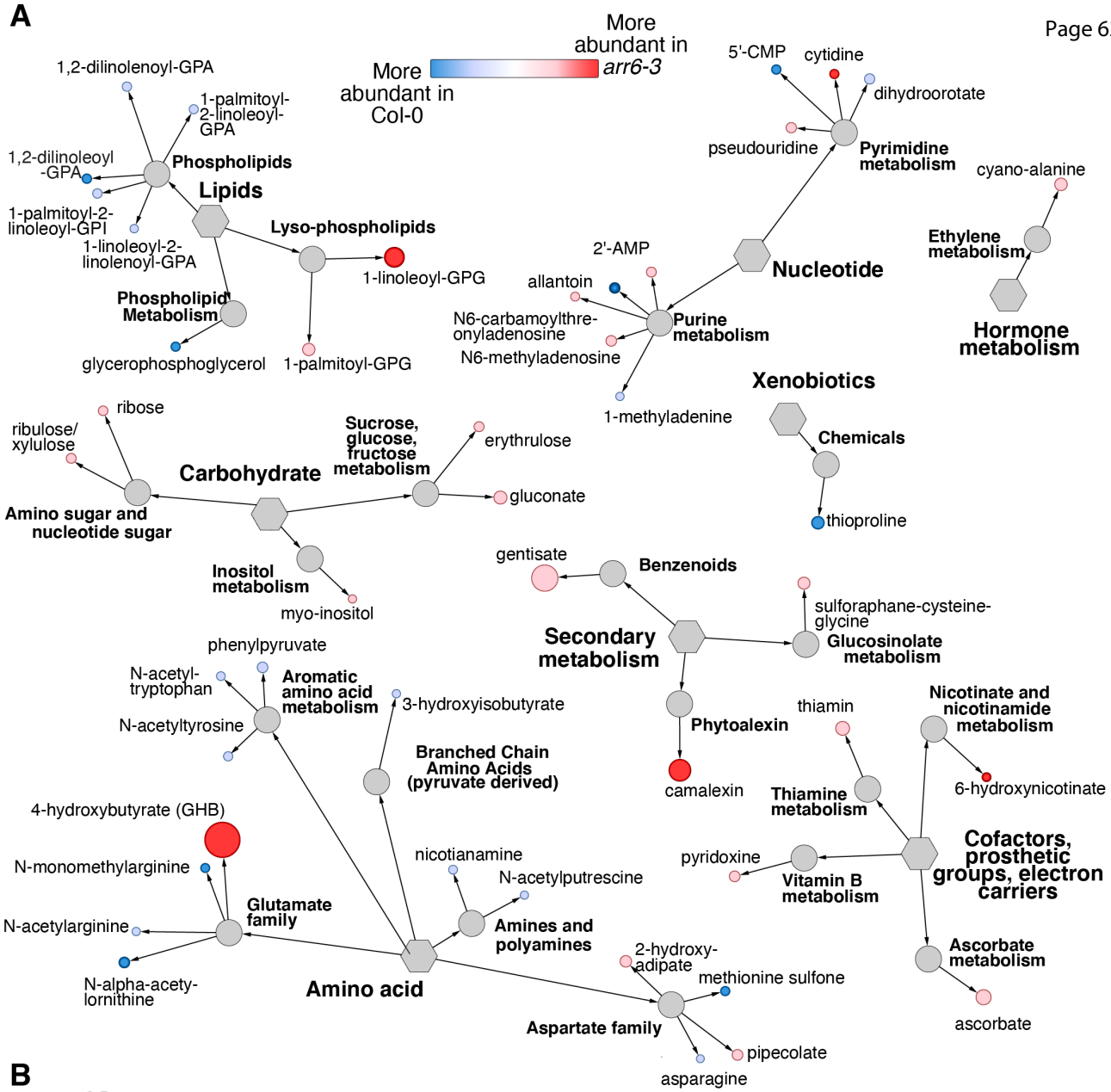
Supplementary Figure S4: Expression pattern of *arr6-3* plants in comparison with that of *Pc*BMM or *Rs*GMI1000 infected Col-0 plants. Expression levels of *ERFs* genes upregulated (n-fold higher than 2) in the *arr6-3* mock-treated plants are also differentially expressed (DE) at 1 dpi of Col-0 plants with *P. cucumerina* BMM (*Pc*BMM; Delgado-Cerezo et al., 2012), or 3 dpi of Col-0 plants with *R. solanacearum* GMI1000 strain (*Rs*GMI1000; Hu *et al.*, 2008).



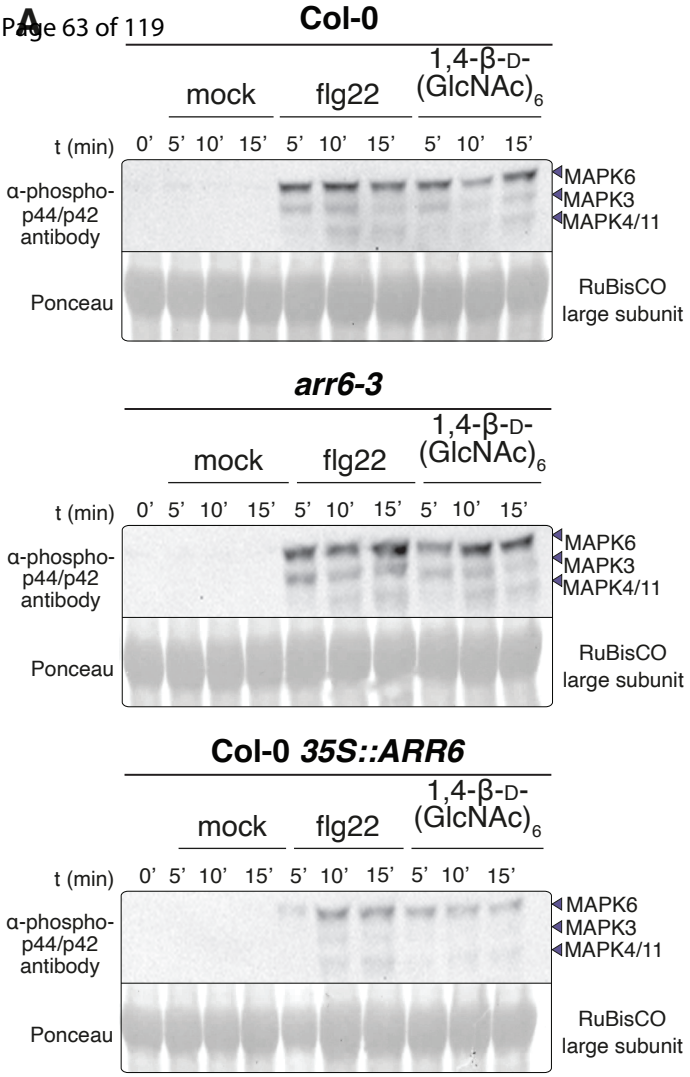
Supplementary Figure S5. Gene expression profile observed for *arr6-3* in comparison with cytokinin-related expression datasets. A, Venn diagram showing the overlapping in gene expression pattern between *arr6-3*, *ahk1* and *ahk2 ahk3* mutants. Data from *ahk1* and *ahk2 ahk3* mutants were obtained from ArrayExpress (E-MEXP-1155; Tran et al., 2007). **B,** Venn diagram showing the overlapping in gene expression pattern between *arr6-3* mock-treated plants, *arr6-3* plants 3 days post infection (dpi) with *Plectosphaerella cucumerina* BMM (*Pc*BMM) and the dataset of cytokinin (CK)-related genes described by Bhargava et al. (2013).

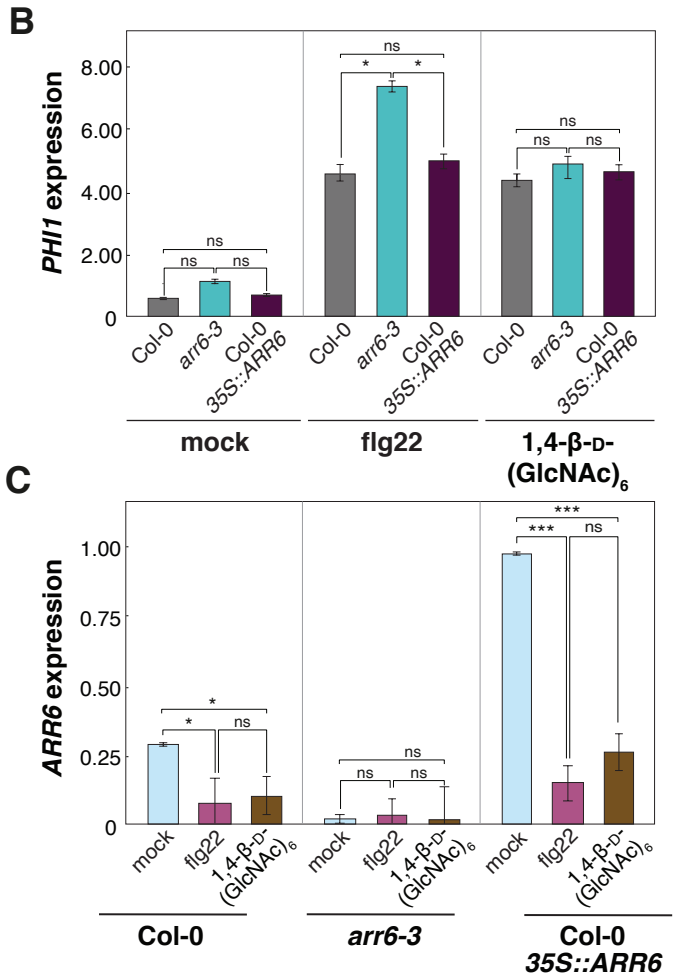


Supplementary Figure S6: Functional classification of the 905 DE genes exclusive of *arr6-3* response to *P. cucumerina* based on biological function Gene Ontology (GO) classification. Biological function GO terms were calculated to be overrepresented among these 905 genes using the hypergeometric test and Benjamini & Hochberg False Discovery Rate (FDR) corrected and a *p* value cut-off of 0.05. The size of the circles is proportional to the number of genes in each GO category, and red/blue proportions represent up- and down-regulated genes in each category, respectively. For further information about the 905 classified DE genes, see Supplementary Table S5.



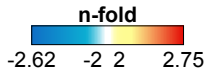
Supplementary Figure S7: Comparative metabolomic profile of *arr6-3*. Global metabolomic profile of 25-day old *arr6-3* plants, in comparison with wild type (Col-0) plants under the same conditions. Four biological replicates for each of these genotypes were collected and analyzed by Metabolon INC. Results presented in the figure are average values of the four replicates. Relative abundance values for each metabolite were calculated by Metabolon INC. **A,** Metabolites identified as differently abundant in either Col-0 (blue) or *arr6-3* (red) plants. The size of the circles is proportional to the relative abundance of each metabolite. **B,** Relative amounts (as calculated by Metabolon Inc.) of all analysed hormone-related metabolites ($n = 4 \pm$ SE).



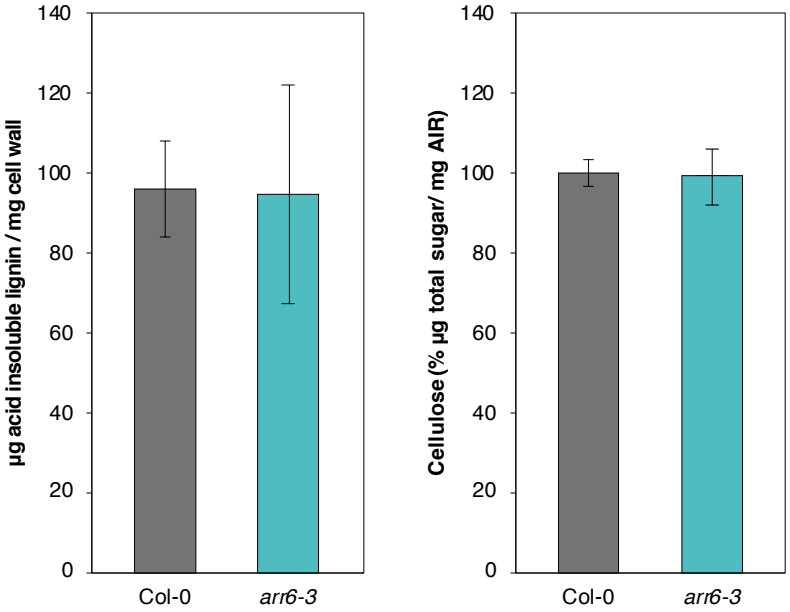


Supplementary Figure S8. PTI responses upon MAMP treatment in *arr6-3* plants. A, Western blot determination of MAPK phosphorylation at different time points (0, 5, 10 and 15 minutes) upon application to wild type, *arr6-3* and Col-0 *35S::ARR6* seedlings of mock (H_2O), 1 µM flg22 or 100 µM 1,4-β-D-$(GlcNAc)_6$ (chitin hexamer) treatments. α-phospho-p44/42 rabbit antibody was used for MAPK detection and Ponceau staining was used to show equal protein loading. All these samples were analyzed in the same western-blot. **B,** qRT-PCR analyses of expression level of *PHI1* PTI marker gene in wild type, *arr6-3* and Col-0 *35S::ARR6* seedlings 30 minutes after treatment with the MAMPs stated above. Relative expression levels to the *UBC21* (*At5g25760*) gene are shown. **C,** qRT-PCR analyses of *ARR6* expression level upon application of the above-mentioned treatments. Relative expression levels to the *UBC21* (*At5g25760*) gene are shown. Asterisks indicate significant differences (ANOVA, multiple comparisons corrected by Dunnett's test; $^{**}p < 0.01$, $^{***}p < 0.001$, ns not significant).

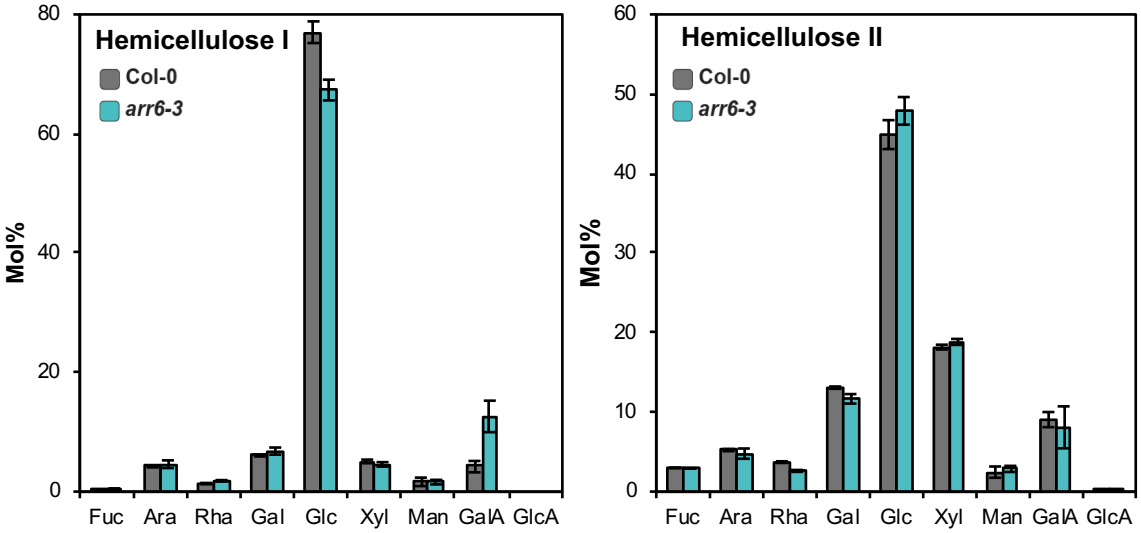
Gene ID	Protein	Function	Location
AT2G47650	UXS4	UDP-xylose synthase	Golgi apparatus, vacuole, endosome, plasma membrane
AT4G23560	GH9B15	Endo-1,4-β-glucanase	Extracellular region
AT2G23450	WAKL14	WAK-like receptor-like protein kinase	Plasma membrane
AT3G57260	BGL2	1,3-β-glucosidase	Apoplast, cell wall, chloroplast, endoplasmic reticulum, vacuole
AT5G10840	EMP1	Endomembrane protein	Golgi membrane, endosome membrane, mitochondrion, vacuolar membrane, cell wall
AT5G63840	RSW3	α-subunit of glucosidase II	Chloroplast, extracellular region
AT1G07410	RABA2b	RAB GTPase regulating vesicle traffic	Golgi apparatus, cell plate, membrane
AT1G03230	AT1G03230	Aspartic-type endopeptidase	Golgi apparatus, cell wall, extracellular region
AT5G39000	AT5G39000	Malectin/receptor-like protein kinase	Plasma membrane
AT4G30280	XTH18	Xyloglucan endotransglucosylase	Golgi apparatus, apoplast, cell wall, extracellular region
AT5G16150	PGLCT	Plastidic glucose transporter that exports starch degradation products from chloroplasts	Chloroplast envelope and inner membrane, plasma membrane
AT1G71880	SUC1	Sucrose uptake transporter	Plasma membrane, vacuolar membrane
AT4G25810	XTR6	Xyloglucan endotransglycosylase-related protein	Golgi apparatus, apoplast, cell wall
AT1G35140	PHI-1	Controls carbon allocation in the cell suppressing brassinosteroid-dependent growth	Golgi apparatus, extracellular region, cell wall
AT5G67090	AT5G67090	Subtilisin-like serine endopeptidase	Cell wall, extracellular region
AT5G11920	cwINV6	Fructan exohydrolase without invertase activity	Nucleus, apoplast, cell wall



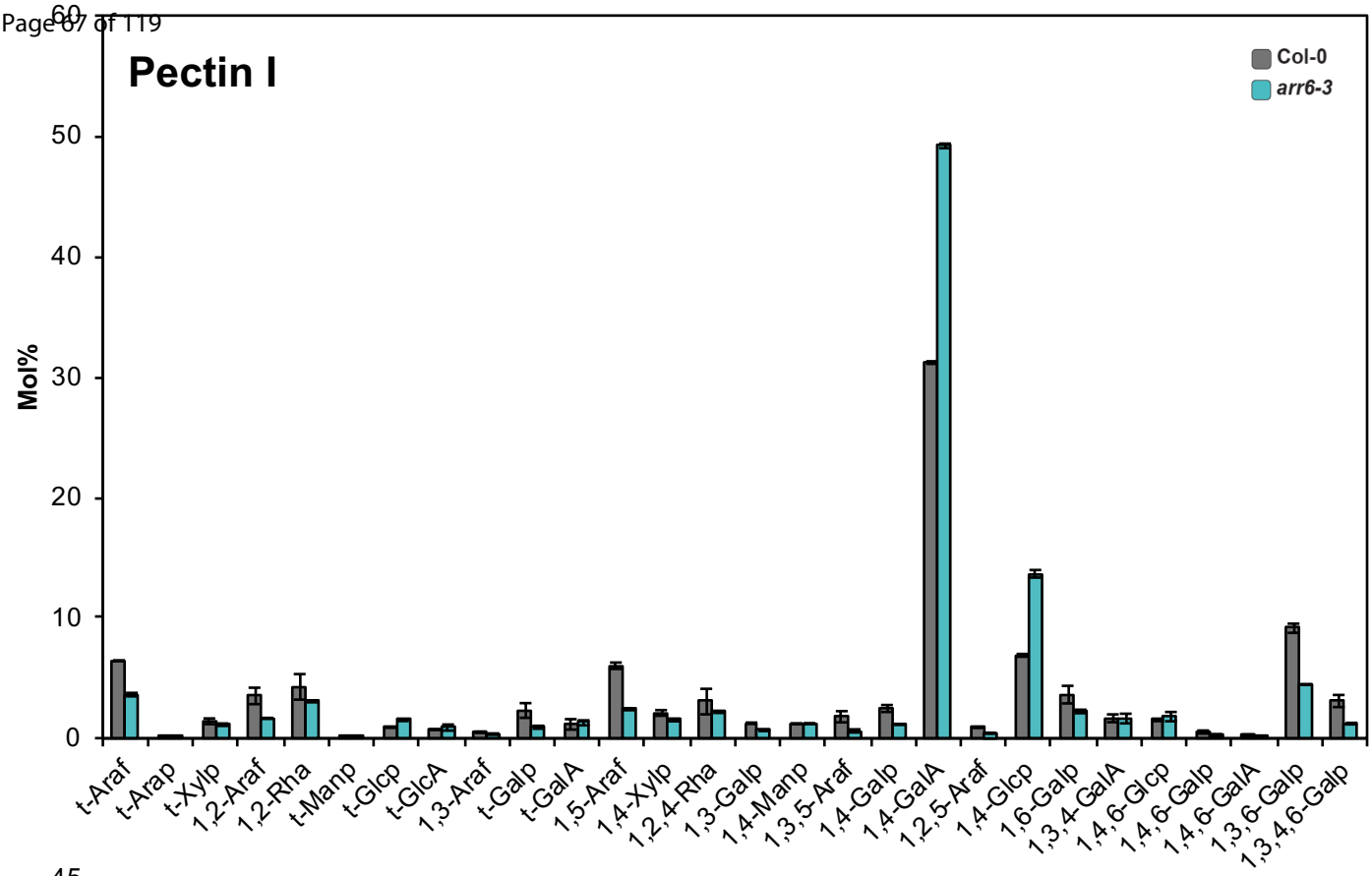
Supplementary Figure S9: Genes encoding cell wall related proteins that are differentially expressed in *arr6-3*. Heatmap representing expression (n-fold, colour coded) of 14 cell wall-related genes DE included in at least one of the indicated cell wall components GO categories: Golgi apparatus, cell wall, extracellular or endoplasmic reticulum (ER).

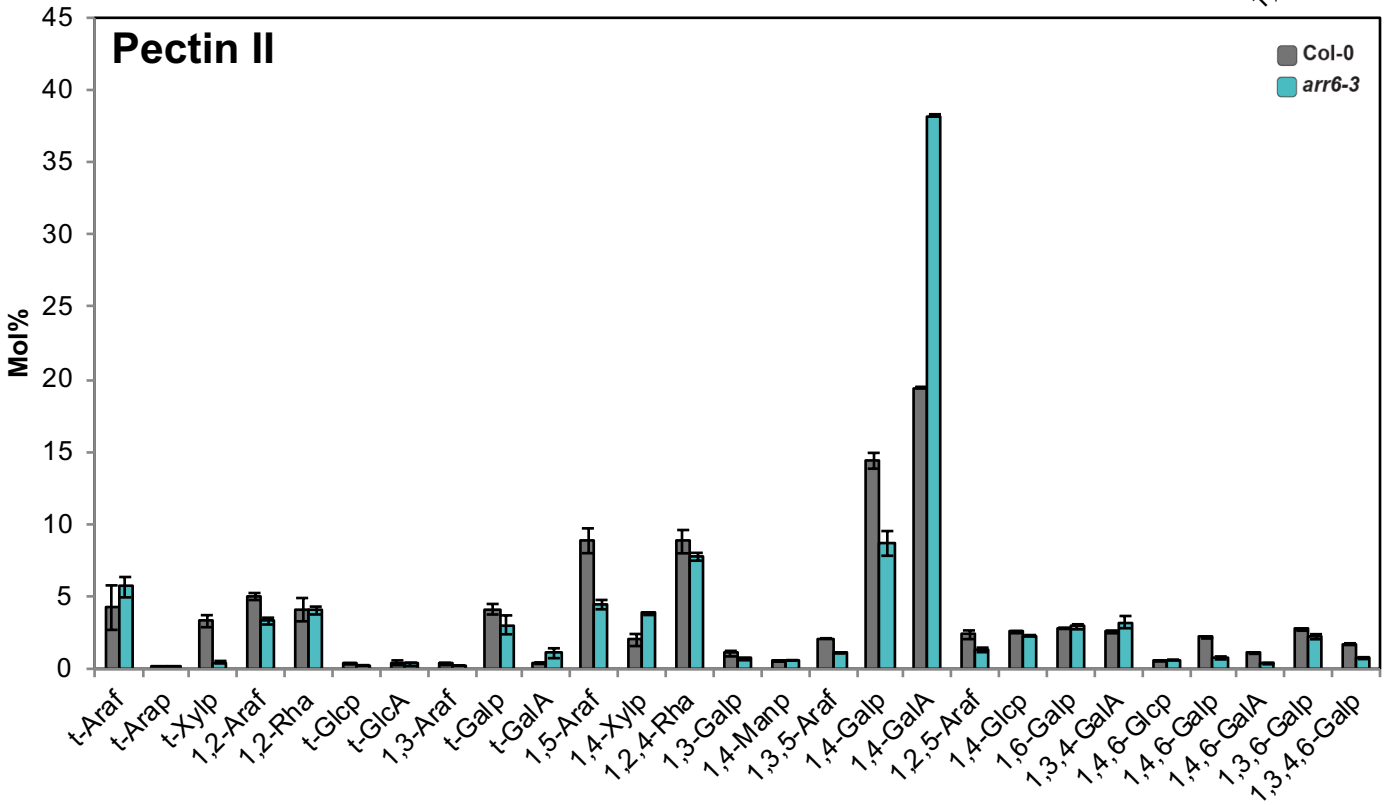


Supplementary Figure S10: Lignin and cellulose amount in cell walls from Col-0 wild type plants and *arr6-3* mutant.



Supplementary Figure S11: Monosaccharide composition (mol%) of the hemicellulose cell wall fractions from Col-0 wild type plants and *arr6-3* mutant.





Supplementary Figure S12: Glycosidic linkage analysis (mol%) of the pectin cell wall fractions from Col-0 wild type plants and *arr6* mutants.

Supplementary Table S1: Genes differentially expressed in *arr6-3* mutant.
Expression levels of the 205 differentially expressed genes in arr6-3 mock-treated plants compared to Col-0 mock-treated plants.

ID	Fold Change	pval (limma)	FDR (limma)	pval (RankProd)	FDR (RankProd)	Systematic Name	Description
AT5G35935	6.96	7.00E-08	0.00323079	0	0	BX832035	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH48ZB02 of Hormone Treated Callus of strain col-0 of Arabidopsis thaliana (thale cress) [BX832035]
AT4G24570	5.46	0.00075916	0.30113347	0	0	NM_118590	ref|Arabidopsis thaliana dicarboxylate carrier 2 (DIC2) mRNA, complete cds [NM_118590]
AT1G27730	5.15	0.00026061	0.21059367	0	0	NM_102538	ref|Arabidopsis thaliana zinc finger protein STZ/ZAT10 (STZ) mRNA, complete cds [NM_102538]
AT3G44260	4.43	0.00018063	0.17439041	0	0	NM_114294	ref|Arabidopsis thaliana putative CCR4-associated factor 1-9 (AT3G44260) mRNA, complete cds [NM_114294]
AT4G25470	4.06	0.00014848	0.16580143	0	0	NM_118679	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 1C (CBF2) mRNA, complete cds [NM_118679]
AT5G51190	3.97	0.00006064	0.09559253	0	0	NM_124498	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF105 (AT5G51190) mRNA, complete cds [NM_124498]
AT2G44240	3.63	0.00039783	0.24497287	0.00000022	0.00090909	NM_129988	ref|Arabidopsis thaliana uncharacterized protein (AT2G44240) mRNA, complete cds [NM_129988]
AT1G74930	3.57	0.00006981	0.10183188	0	0	NM_106151	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF018 (ORA47) mRNA, complete cds [NM_106151]
AT1G80840	3.52	0.00954994	0.4401552	0.00000022	0.00071429	NM_106732	ref|Arabidopsis thaliana putative WRKY transcription factor 40 (WRKY40) mRNA, complete cds [NM_106732]
AT3G61190	3.48	0.00005544	0.09559253	0	0	NM_115983	ref|Arabidopsis thaliana BON1-associated protein 1 (BAP1) mRNA, complete cds [NM_115983]
AT1G07135	3.23	0.00067481	0.2891804	0.00000022	0.00076923	NM_100587	ref|Arabidopsis thaliana glycine-rich protein (AT1G07135) mRNA, complete cds [NM_100587]
AT1G32928	3.23	0.00069887	0.29261981	0.00000044	0.00133333	NM_001036055	ref|Arabidopsis thaliana uncharacterized protein (AT1G32928) mRNA, complete cds [NM_001036055]
AT3G19030	3.19	0.00008831	0.12009159	0.00000022	0.00083333	NM_112789	ref|Arabidopsis thaliana uncharacterized protein (AT3G19030) mRNA, complete cds [NM_112789]
AT1G72920	2.94	0.00020501	0.18541235	0.00000332	0.009375	NM_105950	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72920) mRNA, complete cds [NM_105950]
AT1G25400	2.9	0.00018125	0.17439041	0.00000354	0.00941176	NM_102351	ref|Arabidopsis thaliana uncharacterized protein (AT1G25400) mRNA, complete cds [NM_102351]
AT5G59820	2.89	0.00048097	0.25773425	0.00000531	0.01333333	NM_125374	ref|Arabidopsis thaliana C2H2-type zinc finger protein (RHL41) mRNA, complete cds [NM_125374]
AT1G72910	2.82	0.0026119	0.38347405	0.00000862	0.01857143	NM_105949	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72910) mRNA, complete cds [NM_105949]
AT5G11920	2.75	0.00043888	0.24807559	0.00000885	0.0173913	NM_121230	ref|Arabidopsis thaliana beta-fructofuranosidase, insoluble isoenzyme CWINV6 (cwINV6) mRNA, complete cds [NM_121230]
AT3G46620	2.74	0.0003939	0.24497287	0.00000951	0.01791667	NM_114529	ref|Arabidopsis thaliana C3H4 type zinc finger protein (AT3G46620) mRNA, complete cds [NM_114529]
AT2G01300	2.7	0.00005926	0.09559253	0.00000973	0.0176	NM_126191	ref|Arabidopsis thaliana uncharacterized protein (AT2G01300) mRNA, complete cds [NM_126191]
AT1G18300	2.68	0.02314872	0.51196694	0.00001769	0.02666667	NM_101688	ref|Arabidopsis thaliana nudix hydrolase 4 (NUDT4) mRNA, complete cds [NM_101688]
AT3G56880	2.66	0.00010866	0.1328045	0.0000115	0.02	NM_115547	ref|Arabidopsis thaliana VQ motif-containing protein (AT3G56880) mRNA, complete cds [NM_115547]
AT4G17490	2.65	0.00004199	0.07912407	0.0000115	0.01925926	NM_117854	ref|Arabidopsis thaliana ethylene-responsive transcription factor 6 (ERF6) mRNA, complete cds [NM_117854]
AT4G17500	2.58	0.00312771	0.39648916	0.00003096	0.04	NM_117855	ref|Arabidopsis thaliana ethylene-responsive transcription factor 1A (ERF-1) mRNA, complete cds [NM_117855]
AT4G11650	2.56	0.00040088	0.24497287	0.00003052	0.04058824	NM_117234	ref|Arabidopsis thaliana osmotin-like protein OSM34 (OSM34) mRNA, complete cds [NM_117234]
AT1G13470	2.51	0.00321681	0.39826551	0.00004003	0.04641026	NM_101217	ref|Arabidopsis thaliana uncharacterized protein (AT1G13470) mRNA, complete cds [NM_101217]
AT2G22500	2.48	0.00035169	0.23099585	0.00003958	0.04710526	NM_127816	ref|Arabidopsis thaliana uncoupling protein 5 (UCP5) mRNA, complete cds [NM_127816]
AT4G23700	2.48	0.00091634	0.31631314	0.00006325	0.05958333	NM_118501	ref|Arabidopsis thaliana cation/H(+) antiporter 17 (CHX17) mRNA, complete cds [NM_118501]
AT5G17350	2.48	0.00473887	0.40817492	0.00005971	0.0627907	NM_121741	ref|Arabidopsis thaliana uncharacterized protein (AT5G17350) mRNA, complete cds [NM_121741]
AT5G67090	2.47	0.00329228	0.39826551	0.00008226	0.06763636	NM_126109	ref|Arabidopsis thaliana Subtilisin-like serine endopeptidase family protein (AT5G67090) mRNA, complete cds [NM_126109]
AT1G52150	2.46	0.00023771	0.20567776	0.00003826	0.04675676	NM_001084233	ref|Arabidopsis thaliana homeobox-leucine zipper protein ATHB-15 (ATHB-15) mRNA, complete cds [NM_001084233]
AT2G44840	2.45	0.00027878	0.21735048	0.00005816	0.06414634	NM_130048	ref|Arabidopsis thaliana ethylene-responsive transcription factor 13 (ERF13) mRNA, complete cds [NM_130048]
AT5G54720	2.44	0.00166703	0.34385461	0.00006325	0.06085106	NM_124853	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT5G54720) mRNA, complete cds [NM_124853]
AT1G32920	2.43	0.00012503	0.14496828	0.00004954	0.056	NM_103025	ref|Arabidopsis thaliana uncharacterized protein (AT1G32920) mRNA, complete cds [NM_103025]
AT5G61600	2.43	0.00188076	0.35236777	0.00005971	0.06136364	NM_125553	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF104 (ERF104) mRNA, complete cds [NM_125553]
AT3G50770	2.42	0.00075275	0.30113347	0.00007408	0.06442308	NM_114937	ref|Arabidopsis thaliana putative calcium-binding protein CML41 (CML41) mRNA, complete cds [NM_114937]
AT5G54490	2.42	0.00075715	0.30113347	0.00005993	0.06022222	NM_124829	ref|Arabidopsis thaliana pinoid-binding protein 1 (PBP1) mRNA, complete cds [NM_124829]
AT1G18700	2.41	0.00009295	0.12009159	0.00005971	0.06428571	NM_001160878	ref|Arabidopsis thaliana DNAJ heat shock N-terminal domain-containing protein (AT1G18700) mRNA, complete cds [NM_001160878]
AT4G27280	2.41	0.00227184	0.37007048	0.00007143	0.06333333	NM_118862	ref|Arabidopsis thaliana EF-hand, calcium binding motif-containing protein (AT4G27280) mRNA, complete cds [NM_118862]
AT1G35140	2.4	0.00112149	0.32674922	0.00008293	0.06696429	NM_103210	ref|Arabidopsis thaliana Phosphate-responsive 1-like protein (PHI-1) mRNA, complete cds [NM_103210]
AT5G04340	2.4	0.00187564	0.35236777	0.00007497	0.06396226	NM_120516	ref|Arabidopsis thaliana putative c2h2 zinc finger transcription factor (ZAT6) mRNA, complete cds [NM_120516]
AT3G12120	2.39	0.00049586	0.25773425	0.00006634	0.06122449	NM_001084671	ref|Arabidopsis thaliana omega-6 fatty acid desaturase, endoplasmic reticulum (FAD2) mRNA, complete cds [NM_001084671]
AT5G21940	2.39	0.00030971	0.22229937	0.00006236	0.06130435	NM_147877	ref|Arabidopsis thaliana uncharacterized protein (AT5G21940) mRNA, complete cds [NM_147877]
AT4G25490	2.38	0.0042888	0.40029462	0.00007143	0.0646	NM_118681	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 1B (CBF1) mRNA, complete cds [NM_118681]
AT1G51700	2.33	0.00036716	0.23718742	0.00011433	0.08913793	NM_104048	ref|Arabidopsis thaliana Dof zinc finger protein DOF1.7 (DOF1) mRNA, complete cds [NM_104048]
AT2G19970	2.33	0.00221463	0.37007048	0.00012539	0.09295082	NM_127555	ref|Arabidopsis thaliana putative pathogenesis-related protein (AT2G19970) mRNA, complete cds [NM_127555]
AT3G48650	2.33	0.00750786	0.43410192	0.00013932	0.1	AK118176	gb|Arabidopsis thaliana At3g48650 mRNA for unknown protein, complete cds, clone: RAFL19-49-F04 [AK118176]
AT4G08035	2.31	0.00154924	0.34385319	0.00011942	0.09	BX827909	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH33ZG06 of Hormone Treated Callus of strain col-0 of Arabidopsis thaliana (thale cress) [BX827909]
AT3G12100	2.3	0.00659259	0.42432981	0.00015502	0.10621212	NM_112045	ref|Arabidopsis thaliana metal tolerance protein C2 (AT3G12100) mRNA, complete cds [NM_112045]
AT4G29780	2.29	0.00015973	0.17197417	0.00012915	0.09419355	NM_119124	ref|Arabidopsis thaliana uncharacterized protein (AT4G29780) mRNA, complete cds [NM_119124]
AT5G48220	2.29	0.00063324	0.2891804	0.00014617	0.10328125	NM_001203559	ref|Arabidopsis thaliana indole-3-glycerol phosphate synthase (AT5G48220) mRNA, complete cds [NM_001203559]
AT3G46400	2.28	0.01963601	0.49701675	0.00008669	0.06877193	NM_114507	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT3G46400) mRNA, complete cds [NM_114507]
BP815481	2.26	0.00138682	0.33280669	0.00014971	0.10415385	BP815481	Unknown
AT5G06320	2.25	0.00055851	0.27451839	0.00020124	0.13	NM_120715	ref|Arabidopsis thaliana NDR1/HIN1-Like protein 3 (NHL3) mRNA, complete cds [NM_120715]
AT2G26140	2.24	0.02201969	0.50471481	0.00030694	0.14020202	NM_128172	ref|Arabidopsis thaliana cell division protease ftsH-4 (ftsh4) mRNA, complete cds [NM_128172]
AT4G25810	2.24	0.00024106	0.20567776	0.00018797	0.12686567	NM_118713	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTR6) mRNA, complete cds [NM_118713]
AT5G42460	2.24	0.01178821	0.45755085	0.00011588	0.08881356	NM_123611	ref|Arabidopsis thaliana F-box and associated interaction domain-containing protein (AT5G42460) mRNA, complete cds [NM_123611]
AT1G34420	2.22	0.00053008	0.26633529	0.00020478	0.12513514	NM_103165	ref|Arabidopsis thaliana leucine-rich repeat transmembrane protein kinase-like protein (AT1G34420) mRNA, complete cds [NM_103165]
AT3G22310	2.22	0.00012479	0.14496828	0.0002008	0.1315942	NM_113129	ref|Arabidopsis thaliana DEAD-box ATP-dependent RNA helicase 9 (PMH1) mRNA, complete cds [NM_113129]
AT3G29644	2.22	0.0061458	0.42251932	0.00019637	0.13058824	CNS0A6GU	tc|Rep: F12K21.5 - Arabidopsis thaliana (Mouse-ear cress), partial (4%) [TC390281]
AT4G19520	2.22	0.00177621	0.34620718	0.00022402	0.12822785	NM_118072	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G19520) mRNA, complete cds [NM_118072]
AT1G61340	2.21	0.00245653	0.37276292	0.00020146	0.12652778	NM_001198350	ref|Arabidopsis thaliana F-box protein (AT1G61340) mRNA, complete cds [NM_001198350]
AT3G28210	2.21	0.00079545	0.30626513	0.00023109	0.12901235	NM_113740	ref|Arabidopsis thaliana zinc finger AN1 domain-containing stress-associated protein 12 (PMZ) mRNA, complete cds [NM_113740]
AT4G24480	2.21	0.00010017	0.12581849	0.00021119	0.12733333	NM_118581	ref|Arabidopsis thaliana protein kinase family protein (AT4G24480) mRNA, complete cds [NM_118581]
AT4G32480	2.21	0.00238455	0.37007048	0.00023883	0.12857143	NM_119400	ref|Arabidopsis thaliana uncharacterized protein (AT4G32480) mRNA, complete cds [NM_119400]
AT5G37770	2.21	0.00886285	0.4401552	0.00028328	0.13484211	NM_123136	ref|Arabidopsis thaliana calcium-binding protein CML24 (TCH2) mRNA, complete cds [NM_123136]
AT3G04640	2.2	0.00082947	0.30999038	0.00026581	0.13208791	NM_111336	ref|Arabidopsis thaliana glycine-rich protein (AT3G04640) mRNA, complete cds [NM_111336]
AT5G09690	2.2	0.00015033	0.16580143	0.00023972	0.12752941	NM_001085088	ref|Arabidopsis thaliana magnesium transporter MRS2-7 (MGT7) mRNA, complete cds [NM_001085088]
AT5G10760	2.2	0.00041026	0.2473565	0.00023419	0.12914634	NM_121114	ref|Arabidopsis thaliana aspartyl protease family protein (AT5G10760) mRNA, complete cds [NM_121114]
AT5G19690	2.2	0.00174703	0.34530489	0.00020124	0.12816901	NM_121974	ref|Arabidopsis thaliana dolichyl-diphosphooligosaccharide--protein glycosyltransferase (STT3A) mRNA, complete cds [NM_121974]
AT5G67300	2.2	0.02981021	0.53527948	0.0005356	0.17808824	NM_126130	ref|Arabidopsis thaliana transcription factor MYB44 (MYBR1) mRNA, complete cds [NM_126130]
AT5G45340	2.19	0.00462668	0.4081368	0.00023485	0.12795181	NM_180805	ref|Arabidopsis thaliana abscisic acid 8'-hydroxylase 3 (CYP707A3) mRNA, complete cds [NM_180805]
AT5G63130	2.19	0.00043298	0.24807559	0.00024215	0.12586207	NM_125707	ref|Arabidopsis thaliana octicosapeptide/Phox/Bem1p domain-containing protein (AT5G63130) mRNA, complete cds [NM_125707]
AT1G76650	2.18	0.00347103	0.39826551	0.00021937	0.12883117	NM_001198484	ref|Arabidopsis thaliana calcium-binding protein CML38 (CML38) mRNA, complete cds [NM_001198484]
AT4G29020	2.18	0.00892457	0.4401552	0.00020478	0.12684932	NM_001160801	ref|Arabidopsis thaliana glycine-rich protein (AT4G29020) mRNA, complete cds [NM_001160801]
AT5G57960	2.18	0.0001727	0.1735456	0.00026824	0.13043011	NM_125181	ref|Arabidopsis thaliana GTP-binding protein, HflX (AT5G57960) mRNA, complete cds [NM_125181]
AT3G55980	2.17	0.00267523	0.38409075	0.00025321	0.13011364	NM_115456	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 47 (SZF1) mRNA, complete cds [NM_115456]
AT4G12290	2.17	0.00104016	0.32216311	0.00026736	0.13141304	NM_117299	ref|Arabidopsis thaliana copper amine oxidase family protein (AT4G12290) mRNA, complete cds [NM_117299]
AT1G09470	2.16	0.0003327	0.22802429	0.00031137	0.1408	NM_001198019	ref|Arabidopsis thaliana uncharacterized protein (AT1G09470) mRNA, complete cds [NM_001198019]
AT1G71880	2.16	0.03238394	0.54237107	0.00064441	0.19557047	NM_105846	ref|Arabidopsis thaliana sucrose transport protein SUC1 (SUC1) mRNA, complete cds [NM_105846]
AT2G17110	2.16	0.00126595	0.33280669	0.00035427	0.15257143	NM_127265	ref|Arabidopsis thaliana uncharacterized protein (AT2G17110) mRNA, complete cds [NM_127265]
AT5G16150	2.16	0.00017003	0.1735456	0.00026183	0.13155556	NM_203058	ref|Arabidopsis thaliana Plastidic glucose transporter 4 (PGLCT) mRNA, complete cds [NM_203058]
AT5G37260	2.16	0.0007107	0.2948298	0.00024016	0.12627907	NM_123085	ref|Arabidopsis thaliana protein REVEILLE 2 / DNA binding / transcription factor (RVE2) mRNA, complete cds [NM_123085]
AT1G53020	2.15	0.00128478	0.33280669	0.00033812	0.14701923	NM_001198277	ref|Arabidopsis thaliana Ubiquitin-conjugating enzyme family protein (AT1G53023) mRNA, complete cds [NM_001198277]
AT5G19240	2.15	0.03451159	0.54864918	0.00028173	0.13553191	NM_121929	ref|Arabidopsis thaliana GPI-anchored glycoprotein membrane precursor (AT5G19240) mRNA, complete cds [NM_121929]
AT1G11930	2.14	0.00066456	0.2891804	0.00037616	0.1575	NM_101065	ref|Arabidopsis thaliana putative pyridoxal phosphate-dependent enzyme, YBL036C type (AT1G11930) mRNA, complete cds [NM_101065]
AT3G24180	2.14	0.00139106	0.33280669	0.00031291	0.14009901	NM_113323	ref|Arabidopsis thaliana Beta-glucosidase, GBA2 type family protein (AT3G24180) mRNA, complete cds [NM_113323]
AT3G42130	2.14	0.01309765	0.46155163	0.00048894	0.17830645	NM_114080	ref|Arabidopsis thaliana glycine-rich protein (AT3G42130) mRNA, complete cds [NM_114080]
AT1G07705	2.13	0.03005396	0.53527948	0.00076095	0.21110429	NM_001084009	ref|Arabidopsis thaliana CCR4-NOT transcription complex subunit 2 (AT1G07705) mRNA, complete cds [NM_001084009]
AT1G76600	2.13	0.00653286	0.42432981	0.00043521	0.16965517	NM_106310	ref|Arabidopsis thaliana uncharacterized protein (AT1G76600) mRNA, complete cds [NM_106310]
AT2G41640	2.13	0.00219494	0.37007048	0.00038655	0.15890909	NM_129727	ref|Arabidopsis thaliana Glycosyltransferase family 61 protein (AT2G41640) mRNA, complete cds [NM_129727]
AT4G30280	2.12	0.00336689	0.39826551	0.00039098	0.15646018	NM_119174	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH18) mRNA, complete cds [NM_119174]
AT1G11730	2.11	0.00042231	0.24807559	0.00040734	0.16157895	NM_101045	ref|Arabidopsis thaliana putative beta-1,3-galactosyltransferase 1 (AT1G11730) mRNA, complete cds [NM_101045]
AT1G14880	2.11	0.00343394	0.39826551	0.00037152	0.15700935	NM_101357	ref|Arabidopsis thaliana cadmium resistance protein 1 (PCR1) mRNA, complete cds [NM_101357]
AT1G65350	2.11	0.00368226	0.39826551	0.00032862	0.14427184	NM_105209	ref|Arabidopsis thaliana ubiquitin 13 (UBQ13) mRNA, complete cds [NM_105209]
At3g63320	2.11	0.00016802	0.1735456	0.00044272	0.16823529	NP207617	tc|GB|AL138648.2|CAB86425.1 inositol-1, 4, 5-trisphosphate 5-Phosphatase-like protein [NP207617]
AT1G03230	2.1	0.00950384	0.4401552	0.0005042	0.178125	NM_100205	ref|Arabidopsis thaliana aspartyl protease-like protein (AT1G03230) mRNA, complete cds [NM_100205]
AT1G28370	2.1	0.00868595	0.4401552	0.00038965	0.15873874	NM_102603	ref|Arabidopsis thaliana ethylene-responsive transcription factor 11 (ERF11) mRNA, complete cds [NM_102603]
AT1G72560	2.1	0.01180995	0.45755085	0.00029611	0.13804124	NM_001084344	ref|Arabidopsis thaliana protein PAUSED (PSD) mRNA, complete cds [NM_001084344]
AT3G28899	2.1	0.00067585	0.2891804	0.0004425	0.16957627	NM_001125261	ref|Arabidopsis thaliana uncharacterized protein (AT3G28899) mRNA, complete cds [NM_001125261]
AT3G54910	2.1	0.00020291	0.18541235	0.00041243	0.16217391	NM_115348	ref|Arabidopsis thaliana leucine rich repeat and F-Box domain-containing protein (AT3G54910) mRNA, complete cds [NM_115348]
AT5G39000	2.1	0.00197169	0.35642661	0.00049314	0.17559055	NM_123262	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G39000) mRNA, complete cds [NM_123262]
AT1G29280	2.09	0.00112262	0.32674922	0.0004613	0.17383333	NM_102668	ref|Arabidopsis thaliana putative WRKY transcription factor 65 (WRKY65) mRNA, complete cds [NM_102668]
AT2G17040	2.09	0.00769971	0.43410192	0.0004425	0.17102564	NM_127259	ref|Arabidopsis thaliana NAC domain containing protein 36 (NAC036) mRNA, complete cds [NM_127259]
AT3G21150	2.09	0.01291354	0.46130023	0.00039031	0.15758929	NM_113009	ref|Arabidopsis thaliana B-box 32 protein (BBX32) mRNA, complete cds [NM_113009]
AT5G08520	2.09	0.00117028	0.32674922	0.00038611	0.16018349	NM_120937	ref|Arabidopsis thaliana duplicated SANT DNA-binding domain-containing protein (AT5G08520) mRNA, complete cds [NM_120937]
AT5G47230	2.09	0.00401418	0.39826551	0.00048563	0.17853659	NM_124094	ref|Arabidopsis thaliana ethylene-responsive transcription factor 5 (ERF5) mRNA, complete cds [NM_124094]
AT1G07410	2.08	0.0251214	0.52145142	0.00084962	0.2208046	NM_100615	ref|Arabidopsis thaliana RAB GTPase homolog A2B (RABA2b) mRNA, complete cds [NM_100615]
AT1G34160	2.08	0.00068174	0.2891804	0.00053383	0.17881481	NM_103139	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT1G34160) mRNA, complete cds [NM_103139]
AT5G35210	2.08	0.00030758	0.22229937	0.00051305	0.17984496	NM_180763	ref|Arabidopsis thaliana DNA binding and zinc-finger domain-containing protein (AT5G35210) mRNA, complete cds [NM_180763]
AT1G62935	2.07	0.02573641	0.5232915	0.00026139	0.13280899	NM_148620	ref|Arabidopsis thaliana uncharacterized protein (AT1G62935) mRNA, complete cds [NM_148620]
AT3G61010	2.07	0.00138735	0.33280669	0.00060327	0.18813793	NM_115965	ref|Arabidopsis thaliana Ferritin/ribonucleotide reductase-like family protein (AT3G61010) mRNA, complete cds [NM_115965]
AT4G11840	2.07	0.01620405	0.4829011	0.0004916	0.17784	NM_117254	ref|Arabidopsis thaliana phospholipase D gamma 3 (PLDGAMMA3) mRNA, complete cds [NM_117254]
AT5G02690	2.07	0.00047631	0.25773425	0.00057873	0.18692857	NM_120347	ref|Arabidopsis thaliana uncharacterized protein (AT5G02690) mRNA, complete cds [NM_120347]
AT1G55610	2.06	0.00035247	0.23099585	0.00058846	0.18739437	NM_001124029	ref|Arabidopsis thaliana serine/threonine-protein kinase BRI1-like 1 (BRL1) mRNA, complete cds [NM_001124029]
AT4G37260	2.06	0.00023914	0.20567776	0.00065281	0.1968	NM_119889	ref|Arabidopsis thaliana myb domain protein 73 (MYB73) mRNA, complete cds [NM_119889]
AT5G18540	2.06	0.00486643	0.40830545	0.00053074	0.18045113	NM_121859	ref|Arabidopsis thaliana uncharacterized protein (AT5G18540) mRNA, complete cds [NM_121859]
AT5G39520	2.06	0.00032346	0.22802429	0.00059067	0.18678322	NM_123314	ref|Arabidopsis thaliana uncharacterized protein (AT5G39520) mRNA, complete cds [NM_123314]
AT1G10560	2.05	0.0004346	0.24807559	0.00071318	0.20673077	NM_100931	ref|Arabidopsis thaliana U-box domain-containing protein 18 (PUB18) mRNA, complete cds [NM_100931]
AT1G22190	2.05	0.0011778	0.32674922	0.00053804	0.17759124	NM_102069	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF058 (AT1G22190) mRNA, complete cds [NM_102069]
AT3G51860	2.05	0.00123813	0.32741568	0.00066917	0.19907895	NM_115045	ref|Arabidopsis thaliana vacuolar cation/proton exchanger 3 (CAX3) mRNA, complete cds [NM_115045]
BP598334	2.05	0.01325574	0.46180623	0.00049292	0.17690476	BP598334	tc|Rep: Ribosomal protein L19 - Arabidopsis thaliana (Mouse-ear cress), partial (30%) [TC398369]
BX839374	2.05	0.04610518	0.5627267	0.00051791	0.17877863	BX839374	Unknown
AT1G35210	2.04	0.01611591	0.4829011	0.00067691	0.19876623	NM_103219	ref|Arabidopsis thaliana uncharacterized protein (AT1G35210) mRNA, complete cds [NM_103219]
AT1G54960	2.04	0.00238292	0.37007048	0.0008023	0.21341176	NM_104370	ref|Arabidopsis thaliana NPK1-related protein kinase 2 (NP2) mRNA, complete cds [NM_104370]
AT1G61070	2.04	0.01635084	0.4829011	0.00053295	0.17985075	NM_104788	ref|Arabidopsis thaliana defensin-like protein 5 (LCR66) mRNA, complete cds [NM_104788]
AT1G74120	2.04	0.00062066	0.2891804	0.00072136	0.2077707	NM_106072	ref|Arabidopsis thaliana Mitochondrial transcription termination factor family protein (AT1G74120) mRNA, complete cds [NM_106072]
AT2G40140	2.04	0.0009747	0.31893937	0.00056723	0.18453237	NM_129572	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 29 (CZF1) mRNA, complete cds [NM_129572]
AT3G18750	2.04	0.00136506	0.33280669	0.00060283	0.18930556	NM_112761	ref|Arabidopsis thaliana putative serine/threonine-protein kinase WNK6 (WNK6) mRNA, complete cds [NM_112761]
AT4G27657	2.04	0.00469617	0.4081368	0.00061875	0.18905405	NM_118904	ref|Arabidopsis thaliana uncharacterized protein (AT4G27657) mRNA, complete cds [NM_118904]
AT5G35660	2.04	0.00117082	0.32674922	0.00058647	0.18808511	NM_001161277	ref|Arabidopsis thaliana glycine-rich protein (AT5G35660) mRNA, complete cds [NM_001161277]
AT5G41690	2.04	0.00033281	0.22802429	0.00072932	0.206125	NM_123534	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT5G41690) mRNA, complete cds [NM_123534]
BP799962	2.04	0.00213951	0.37007048	0.00073242	0.20444444	BP799962	gb|BP799962 RAFL14 Arabidopsis thaliana cDNA clone RAFL23-13-C23 5', mRNA sequence [BP799962]
AT3G19300	2.03	0.00034955	0.23099585	0.00066785	0.2	NM_112817	ref|Arabidopsis thaliana protein kinase family protein (AT3G19300) mRNA, complete cds [NM_112817]
AT4G14100	2.03	0.00335325	0.39826551	0.00060593	0.18767123	BX826725	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB58ZB06 of Flowers and buds of strain col-0 of Arabidopsis thaliana (thale cress) [BX826725]
AT5G22570	2.03	0.00147482	0.34101376	0.00072158	0.20522013	NM_122163	ref|Arabidopsis thaliana putative WRKY transcription factor 38 (WRKY38) mRNA, complete cds [NM_122163]
AT5G58200	2.03	0.00400455	0.39826551	0.000818	0.21505814	NM_001203636	ref|Arabidopsis thaliana metallophosphatase domain-containing protein (AT5G58200) mRNA, complete cds [NM_001203636]
AT5G63840	2.03	0.00081216	0.30626513	0.00089429	0.22592179	NM_125779	ref|Arabidopsis thaliana alpha 1,3-glucosidase (RSW3) mRNA, complete cds [NM_125779]
AT5G66650	2.03	0.00838581	0.43808867	0.00052123	0.17856061	NM_126063	ref|Arabidopsis thaliana uncharacterized protein (AT5G66650) mRNA, complete cds [NM_126063]
AT5G66940	2.03	0.0002608	0.21059367	0.00070057	0.2043871	NM_126093	ref|Arabidopsis thaliana Dof zinc finger protein DOF5.8 (AT5G66940) mRNA, complete cds [NM_126093]
AT4G36400	2.02	0.00120117	0.32699255	0.00076537	0.20975758	NM_119803	ref|Arabidopsis thaliana D-2-hydroxyglutarate dehydrogenase (AT4G36400) mRNA, complete cds [NM_119803]
AT1G58602	2.01	0.00168803	0.34514296	0.00085781	0.22165714	NM_148600	ref|Arabidopsis thaliana LRR and NB-ARC domain-containing disease resistance protein (AT1G58602) mRNA, complete cds [NM_148600]
AT1G70620	2.01	0.00369071	0.39826551	0.00067382	0.19915033	NM_001198434	ref|Arabidopsis thaliana cyclin-related protein (AT1G70620) mRNA, complete cds [NM_001198434]
AT2G45510	2.01	0.00743141	0.43410192	0.00098054	0.2321466	NM_130113	ref|Arabidopsis thaliana cytochrome P450, family 704, subfamily A, polypeptide 2 (CYP704A2) mRNA, complete cds [NM_130113]
AT4G32700	2.01	0.0005961	0.28374541	0.00091973	0.22603261	NM_001085013	ref|Arabidopsis thaliana DNA polymerase theta subunit (AT4G32700) mRNA, complete cds [NM_001085013]
AT1G23710	2	0.00661897	0.42432981	0.00095312	0.23048128	NM_102219	ref|Arabidopsis thaliana uncharacterized protein (AT1G23710) mRNA, complete cds [NM_102219]
AT1G44810	2	0.00414308	0.39826551	0.00091398	0.22584699	NM_103562	ref|Arabidopsis thaliana DNA-binding storekeeper protein-related transcriptional regulator (AT1G44810) mRNA, complete cds [NM_103562]
AT3G11560	2	0.00810021	0.43646382	0.00107099	0.23857143	NM_180669	ref|Arabidopsis thaliana LETM1-like protein (AT3G11560) mRNA, complete cds [NM_180669]
AT3G57260	2	0.00161288	0.34385319	0.00109222	0.24092683	NM_115586	ref|Arabidopsis thaliana glucan endo-1,3-beta-D-glucosidase (BGL2) mRNA, complete cds [NM_115586]
AT4G12020	2	0.00068271	0.2891804	0.00077156	0.20767857	NM_117272	ref|Arabidopsis thaliana putative WRKY transcription factor 19 (WRKY19) mRNA, complete cds [NM_117272]
AT5G10840	2	0.00416173	0.39826551	0.00092371	0.22456989	NM_121122	ref|Arabidopsis thaliana endomembrane family protein 70 (AT5G10840) mRNA, complete cds [NM_121122]
AT5G24750	2	0.00103228	0.32216311	0.00096683	0.23255319	NM_122384	ref|Arabidopsis thaliana sterol glucosyltransferase-like protein (AT5G24750) mRNA, complete cds [NM_122384]
AT5G53150	2	0.00377589	0.39826551	0.00098695	0.23244792	NM_124694	ref|Arabidopsis thaliana DNAJ heat shock N-terminal domain-containing protein (AT5G53150) mRNA, complete cds [NM_124694]
AT1G54870	-2	0.02071848	0.49903407	0.00126249	0.38836735	NM_104360	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT1G54870) mRNA, complete cds [NM_104360]
AT1G60040	-2	0.04553553	0.56123915	0.00071097	0.32806122	NM_104696	ref|Arabidopsis thaliana protein agamous-like 49 (AGL49) mRNA, complete cds [NM_104696]
AT2G47640	-2	0.00511142	0.40837203	0.00050818	0.30236842	NM_130332	ref|Arabidopsis thaliana small nuclear ribonucleoprotein D2 (AT2G47640) mRNA, complete cds [NM_130332]
AT3G16590	-2	0.00218178	0.37007048	0.00087572	0.34736842	NM_112532	ref|Arabidopsis thaliana putative F-box protein (AT3G16590) mRNA, complete cds [NM_112532]
AT1G47350	-2.01	0.00094316	0.31678799	0.00067161	0.31635417	NM_103629	ref|Arabidopsis thaliana F-box associated ubiquitination effector family protein (AT1G47350) mRNA, complete cds [NM_103629]
AT5G65070	-2.01	0.00204132	0.36485639	0.00072977	0.33	NM_001126027	ref|Arabidopsis thaliana K-box region and MADS-box transcription factor family protein (MAF4) mRNA, complete cds [NM_001126027]
AT3G24225	-2.02	0.00369554	0.39826551	0.00073375	0.32529412	NM_148747	ref|Arabidopsis thaliana CLAVATA3/ESR-related 19 protein (CLE19) mRNA, complete cds [NM_148747]
AT1G63522	-2.03	0.03108558	0.53699613	0.00053582	0.302875	NM_001036146	ref|Arabidopsis thaliana defensin-like protein 278 (AT1G63522) mRNA, complete cds [NM_001036146]
AT3G05725	-2.03	0.00184379	0.35236777	0.0005115	0.30038961	NM_202502	ref|Arabidopsis thaliana uncharacterized protein (AT3G05725) mRNA, complete cds [NM_202502]
AT5G11880	-2.03	0.00122206	0.32699255	0.00063003	0.31655556	NM_121226	ref|Arabidopsis thaliana diaminopimelate decarboxylase 2 (AT5G11880) mRNA, complete cds [NM_121226]

AT2G03180	-2.05	0.01948026	0.49701675	0.0002207	0.1996	NM_126369	ref|Arabidopsis thaliana uncharacterized protein (AT2G03180) mRNA, complete cds [NM_126369]
NP227143	-2.05	0.03820102	0.55112154	0.00043432	0.28057143	NP227143	tc|GB|AP000411.1|BAB02148.1 gene_id:K11J14.27–unknown protein [NP227143]
AT5G47260	-2.06	0.00307503	0.3957008	0.00040801	0.27132353	NP222064	tc|GB|AB018117.1|BAA97160.1 NBS/LRR disease resistance protein [NP222064]
AT1G22670	-2.08	0.0021744	0.37007048	0.00040712	0.27477612	NM_102114	ref|Arabidopsis thaliana protease-associated RING/U-box zinc finger-containing protein (AT1G22670) mRNA, complete cds [NM_102114]
AT3G61120	-2.08	0.00646141	0.42432981	0.00022114	0.19607843	NM_115976	ref|Arabidopsis thaliana agamous-like MADS-box protein AGL13 (AGL13) mRNA, complete cds [NM_115976]
NP221272	-2.08	0.00272115	0.38409075	0.00042371	0.27768116	NP221272	tc|GB|AC007887.9|AAF79352.1 F15O4.24 [NP221272]
AT5G65080	-2.09	0.01527908	0.47581117	0.00015701	0.20285714	NM_001085330	ref|Arabidopsis thaliana K-box region and MADS-box transcription factor family protein (MAF5) mRNA, complete cds [NM_001085330]
AT3G21990	-2.1	0.00050306	0.2585061	0.00034675	0.25290323	NM_113095	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 29 (AT3G21990) mRNA, complete cds [NM_113095]
NP221426	-2.1	0.00944274	0.4401552	0.00056701	0.29813953	NP221426	tc|GB|AC068197.4|AAF79394.1 F16A14.6 [NP221426]
AT2G23450	-2.11	0.00387484	0.39826551	0.000318	0.24372881	NM_179710	ref|Arabidopsis thaliana wall-associated receptor kinase-like 14 (AT2G23450) mRNA, complete cds [NM_179710]
AT5G36657	-2.11	0.00409162	0.39826551	0.00031933	0.24066667	NM_001085194	ref|Arabidopsis thaliana ECA1 gametogenesis related family protein (AT5G36657) mRNA, complete cds [NM_001085194]
AT5G43211	-2.11	0.03541266	0.54864918	0.00060637	0.31159091	NM_001125893	ref|Arabidopsis thaliana uncharacterized protein (AT5G43211) mRNA, complete cds [NM_001125893]
AT2G14810	-2.12	0.00414344	0.39826551	0.00053759	0.30012346	NM_127045	ref|Arabidopsis thaliana uncharacterized protein (AT2G14810) mRNA, complete cds [NM_127045]
AT2G47610	-2.14	0.00026987	0.21410024	0.00030938	0.2412069	NM_130329	ref|Arabidopsis thaliana 60S ribosomal protein L7a-1 (AT2G47610) mRNA, complete cds [NM_130329]
AT1G51870	-2.15	0.00106566	0.32674922	0.00021429	0.201875	NM_104067	ref|Arabidopsis thaliana protein kinase-like protein (AT1G51870) mRNA, complete cds [NM_104067]
AT1G52380	-2.15	0.0007935	0.30626513	0.00026117	0.2187037	NM_104116	ref|Arabidopsis thaliana nucleoporin 50 protein (AT1G52380) mRNA, complete cds [NM_104116]
AT3G24465	-2.15	0.00129551	0.33280669	0.00025033	0.21358491	NM_001084737	ref|Arabidopsis thaliana Plant thionin family protein (AT3G24465) mRNA, complete cds [NM_001084737]
AT5G25860	-2.15	0.03695666	0.54992524	0.0002709	0.21875	NM_122487	ref|Arabidopsis thaliana putative F-box/LRR-repeat protein (AT5G25860) mRNA, complete cds [NM_122487]
AT5G25300	-2.17	0.0024607	0.37276292	0.00021473	0.19816327	NM_122439	ref|Arabidopsis thaliana uncharacterized protein (AT5G25300) mRNA, complete cds [NM_122439]
BP868658	-2.17	0.01220955	0.45870412	0.00061942	0.3147191	BP868658	Unknown
AT1G67900	-2.18	0.02816246	0.53208024	0.00084852	0.34258929	AV819379	gb|AV819379 RAFL11 Arabidopsis thaliana cDNA clone RAFL11-04-E07 3', mRNA sequence [AV819379]
AT3G25460	-2.18	0.02111124	0.50081096	0.00020102	0.1976087	NM_113442	ref|Arabidopsis thaliana putative F-box protein (AT3G25460) mRNA, complete cds [NM_113442]
AT4G23560	-2.18	0.0002931	0.22090024	0.00020323	0.19553191	NM_118487	ref|Arabidopsis thaliana endoglucanase 20 (GH9B15) mRNA, complete cds [NM_118487]
AT2G44735	-2.19	0.00136707	0.33280669	0.00017846	0.20692308	NM_180092	ref|Arabidopsis thaliana uncharacterized protein (AT2G44735) mRNA, complete cds [NM_180092]
BP643878	-2.2	0.00394032	0.39826551	0.00035117	0.25206349	BP643878	gb|BP643878 RAFL19 Arabidopsis thaliana cDNA clone RAFL19-63-I03 3', mRNA sequence [BP643878]
EG424506	-2.21	0.01644094	0.4829011	0.00015745	0.19777778	EG424506	gb|AYAHW09TF pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG424506]
AT5G05960	-2.22	0.00077617	0.30520407	0.00019151	0.2165	NM_120678	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT5G05960) mRNA, complete cds [NM_120678]
AT2G30985	-2.28	0.00037526	0.23900578	0.00010659	0.14606061	NM_201844	ref|Arabidopsis thaliana uncharacterized protein (AT2G30985) mRNA, complete cds [NM_201844]
AT4G33666	-2.39	0.00020274	0.18541235	0.00005197	0.08392857	NM_119524	ref|Arabidopsis thaliana uncharacterized protein (AT4G33666) mRNA, complete cds [NM_119524]
AY090965	-2.42	0.00006843	0.10183188	0.00004246	0.07111111	AY090965	gb|Arabidopsis thaliana At3g29646 mRNA sequence [AY090965]
AT2G47300	-2.45	0.00781983	0.43410192	0.00014861	0.19764706	NM_001084603	ref|Arabidopsis thaliana ribonuclease P (AT2G47300) mRNA, complete cds [NM_001084603]
AT3G43510	-2.45	0.01172168	0.45755085	0.00008757	0.132	BX822866	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB69ZH05 of Flowers and buds of strain col-0 of Arabidopsis thaliana (thale cress) [BX822866]
AT2G45580	-2.55	0.00762381	0.43410192	0.00008912	0.13	NM_130120	ref|Arabidopsis thaliana cytochrome P450 76C3 (CYP76C3) mRNA, complete cds [NM_130120]
AT2G47650	-2.62	0.00068426	0.2891804	0.00002565	0.04461538	NM_001202843	ref|Arabidopsis thaliana UDP-xylose synthase 4 (UXS4) mRNA, complete cds [NM_001202843]
AT2G42880	-2.64	0.00002936	0.06035028	0.00001681	0.03304348	NM_129849	ref|Arabidopsis thaliana mitogen-activated protein kinase 20 (MPK20) mRNA, complete cds [NM_129849]
AT5G28850	-2.74	0.03264038	0.54388282	0.00007342	0.11448276	BP624854	gb|BP624854 RAFL17 Arabidopsis thaliana cDNA clone RAFL17-41-M12 3', mRNA sequence [BP624854]
EG506372	-3.08	0.00001604	0.03454348	0.00000265	0.006	EG506372	gb|AYAUL68TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG506372]
BX837598	-3.09	0.0000139	0.03143781	0.00000287	0.00619048	BX837598	gb|BX837598 Arabidopsis thaliana Hormone Treated Callus Col-0 Arabidopsis thaliana cDNA clone GSLTPGH36ZD04 5PRIM, mRNA sequence [BX837598]
AT1G53550	-3.19	0.00175049	0.34530489	0.00000553	0.01136364	NM_104233	ref|Arabidopsis thaliana F-box family protein (AT1G53550) mRNA, complete cds [NM_104233]
AT5G62920	-5.58	0.00000305	0.01060377	0	0	NM_125686	ref|Arabidopsis thaliana two-component response regulator ARR6 (ARR6) mRNA, complete cds [NM_125686]
AT3G30720	-6.32	0.0000009	0.00549402	0	0	NM_113975	ref|Arabidopsis thaliana qua-quine starch (QQS) mRNA, complete cds [NM_113975]
AT3G05905	-6.87	0.00004774	0.08634974	0	0	AK230377	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL24-28-E18 [AK230377]

Supplementary Table S2: Functional classification of the differentially expressed genes in *arr6-3* plants. The Biological Function GO terms describing each of the 205 differentially expressed genes in arr6-3 mock-treated plants respect to Col-0 mock-treated plants were obtained. The overrepresentation of each GO term in arr6-3 mock treated plants in comparison with the distribution of GO terms in the Arabidopsis genome was calculated, and a p value was obtained for each GO term (Hypergeometric test, Holm-Bonferroni corrected for multiple comparisons). Those GO terms with a p value lower than 0.05 were selected to describe each DE gene.

Biological function GO term:	No overrepresented GO	GO:0006355	GO:0050896	GO:0010200	GO:0044260	GO:1901700	GO:0009611	GO:0034645	GO:0010468	GO:0015709	GO:0016070	GO:0043170	GO:0050789	GO:0051171	GO:0070838	GO:0006139	GO:0010243	GO:0019516	GO:0034654	GO:0046483	GO:0048507	GO:0065007
***p* value**	–	1.18E-05	2.82E-05	3.09E-16	4.39E-02	1.18E-05	1.18E-05	1.83E-02	2.82E-05	2.25E-03	1.64E-03	4.96E-02	2.31E-03	2.82E-05	3.50E-02	1.91E-02	6.33E-15	4.39E-02	2.16E-04	3.33E-02	4.39E-02	4.31E-03
Genes	AT3G50770	AT1G60040	AT1G67900	AT3G46620	AT1G34420	AT5G06320	AT1G32920	AT3G19030	AT4G32700	AT4G24570	AT2G47300	AT1G22670	AT1G10560	AT3G30720	AT5G66650	AT1G18300	AT1G61340	AT4G36400	AT2G47650	AT5G48220	AT2G26140	AT4G23700
	AT5G18540	AT5G65080	AT3G51860	AT5G47230	AT4G24480	AT3G22310	AT1G72920	AT2G47610	AT2G42880	AT2G22500	AT1G72560	AT5G67090	AT3G24225	AT1G54960	AT5G09690							
	AT3G05725	AT5G61600	AT1G03230	AT5G04340	AT4G25810	AT5G37770	AT1G76650	AT1G11730														
	AT1G32928	AT1G07705	AT4G19520	AT5G51190	AT4G30280	AT3G61190																
	AT3G04640	AT5G22570	AT3G57260	AT1G80840	AT3G63320	AT5G45340																
	AT5G41690	AT5G37260	AT1G58602	AT5G67300	AT2G23450																	
	AT5G25860	AT4G25470	AT2G44240	AT1G51700	AT1G65350																	
	AT3G56880	AT1G44810	AT1G63522	AT1G27730	AT4G23560																	
	EC506372	AT4G25490	AT1G72910	AT4G17500	AT1G55610																	
	AT5G58200	AT3G61120	AT5G63840	AT2G44840	AT3G19300																	
	AT5G35660	AT3G44260	AT5G47260	AT3G21150	AT5G39000																	
	AT5G21940	AT1G28370	AT3G18750	AT4G37260																		
	BP815481	AT5G66940	AT4G11650	AT5G59820																		
	AT5G63130	AT4G12020	AT5G19690	AT3G28210																		
	AT1G09470	AT1G29280	AT1G35210	AT3G55980																		
	AT5G24750	AT1G74120	AT5G54490	AT2G17040																		
	AT3G25460	AT1G52150	AT5G10760	AT4G17490																		
	BX837598	AT5G65070	AT1G71880	AT2G40140																		
	AT2G45510	AT1G74930	AT1G35140																			
	AT1G53020	AT5G62920	AT5G54720																			
	BP643878	AT5G35210	AT3G12100																			
	AT4G29020	AT1G22190	AT1G61070																			
	NP221426	AT5G08520	AT4G27280																			
	BP799962																					
	AT2G41640																					
	BP598334																					
	AT2G14810																					
	AT5G42460																					
	AT4G27657																					
	AT4G08035																					
	AT3G42130																					
	AT3G24180																					
	AT4G33666																					
	AT2G19970																					
	AT3G46400																					
	AT5G11880																					
	AT5G57960																					
	AT1G07410																					
	AT3G54910																					
	AT5G19240																					
	AT5G43211																					
	AT3G28899																					
	AT1G70620																					
	AT1G76600																					
	AT5G39520																					
	AT2G30985																					
	AY090965																					
	AT2G01300																					
	AT3G11560																					
	AT2G03180																					
	AT3G29644																					
	AT5G53150																					
	AT4G32480																					
	AT3G48650																					
	AT5G28850																					
	AT4G12290																					
	AT5G35935																					
	AT2G17110																					
	BP868658																					
	AT4G14100																					
	AT3G05905																					
	AT3G16590																					
	AT1G53550																					
	AT5G02690																					
	AT5G05960																					
	AT2G45580																					
	AT1G25400																					
	AT2G47640																					
	BX839374																					
	AT1G14880																					
	AT1G11930																					
	AT3G61010																					
	AT1G54870																					
	NP221272																					
	AT4G29780																					
	AT1G51870																					
	AT3G43510																					
	AT1G62935																					
	AT5G16150																					
	AT5G25300																					
	AT1G18700																					
	AT4G11840																					
	AT1G34160																					
	AT5G17350																					
	AT2G44735																					
	EC424506																					
	AT3G21990																					
	AT3G24465																					
	AT5G11920																					
	AT1G47350																					
	AT1G07135																					
	AT1G52380																					
	NP227143																					
	AT1G13470																					
	AT5G36657																					
	AT5G10840																					
	AT3G12120																					
	AT1G23710																					
	AT3G48650																					

Supplementary Table S3: ERFs differentially expressed in *arr6-3* according to microarray data.

n-fold[a]	Gene ID	Symbol	ERF number	Group[b]	Group[c]	MAPK-phosphorylated?[d]
3.57	AT1G74930	ORA47	#018	A-5	II	No
2.38	AT4G25490	CBF1	#029	A-1	III	No
4.06	AT4G25470	CBF2	#030	A-1	III	No
2.05	AT1G22190	AT1G22190	#058	A-6	I	No
2.10	AT1G28370	ERF11	#076	B-1	VIII	No
2.45	AT2G44840	ERF13	#099	B-3	IX-a	No
2.58	AT4G17500	ERF-1	#100	B-3	IX-a	No
2.65	AT4G17490	ERF6	#102	B-3	IX-b	Yes[e]
2.09	AT5G47230	ERF5	#103	B-3	IX-b	Yes[f]
2.43	AT5G61600	ERF104	#104	B-3	IX-b	Yes[g]
2.61	AT5G51190	AT5G51190	#105	B-3	IX-b	Putative[e]

a: n-fold from microarray data. Genes with n-fold >2 or <-2 were considered as differentially expressed. b: Sakuma *et al.,* 2002. c: Nakano *et al.,* 2006. d: MAPK phosohorylation sites in the C-terminal region are indicated. e: Meng *et al.,* 2013. f: Son *et al.,* 2012. g: Bethke *et al.,* 2009.

Supplementary Table S4: Expression levels of genes implied in different defence response pathways in *arr6-3* mutant.

Pathway	Gene	Gene ID	Expression[a]	*p* value
SA	*PR1*	AT2G14610	1.38	0.218
ET	*PR4*	AT3G04720	-1.26	0.463
JA	*PDF1.2*	AT5G44420	-1.32	0.576
	LOX3	AT1G17420	-1.31	0.176
Secondary metabolites	*CYP79B2*	AT4G39950	1.07	0.808
	CYP79B3	AT2G22330	-1.07	0.721
	PAD3	AT3G26830	1.13	0.527
ABA	*LTP3*	AT5G59320	1.12	0.579
	CYP707A3	AT5G45340	1.77	0.031
PTI	***PHI-1***	**AT1G35140**	**2.4**	**0.001**
	WRKY33	AT2G38470	1.72	0.007
	WRKY53	AT4G23810	1.55	0.014
	CYP81F2	AT5G57220	-1.12	0.474

Supplemental Table S5: Genes differentially expressed in *arr6-3* mutant plants in response to *Pc*BMM.
Expression levels of the 2816 differentially expressed genes in arr6-3 PcBMM-inoculated plants respect to arr6-3 mock-treated plants.
Blue cells: genes differentially expressed exclusively in arr6-3 in response to PcBMM. Grey: genes differentially expressed in both arr6-3 and Col-0 plants in response to PcBMM

ID	Fold Change	pval (limma)	FDR (limma)	pval (RankProd	FDR (RankProd	Systematic Name	Description
AK221330	-2.08	0.00099138	0.00099138	0.00198408	0.09117886	AK221330	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL25-16-O09 [AK221330]
AK221530	-3.09	0.00011599	0.00011599	0.00002189	0.00738806	AK221530	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL07-68-H12 [AK221530]
AK226752	2.4	0.00397063	0.00397063	0.003659	0.09727219	NM_105624	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G69550) mRNA, complete cds [NM_105624]
AK228504	10.34	0.00000497	0.00000497	0.0000115	0.00221277	NM_001202	ref|Arabidopsis thaliana uncharacterized protein (AT2G27389) mRNA, complete cds [NM_001202690]
AT1G01010	2.46	0.00369727	0.00369727	0.00343941	0.09313174	NM_099983	ref|Arabidopsis thaliana NAC domain-containing protein 1 (NAC001) mRNA, complete cds [NM_099983]
AT1G01190	-2.16	0.01295968	0.01295968	0.00113622	0.06725131	NM_100001	ref|Arabidopsis thaliana cytochrome P450, family 78, subfamily A, polypeptide 8 (CYP78A8) mRNA, complete cds [NM_100001]
AT1G01340	7.95	0.00000978	0.00000978	0.00003538	0.0045584	NM_001197	ref|Arabidopsis thaliana cyclic nucleotide gated channel (CNGC10) mRNA, complete cds [NM_001197956]
AT1G01430	-2.88	0.00043196	0.00043196	0.00004113	0.01027624	NM_100025	ref|Arabidopsis thaliana protein trichome birefringence-like 25 (TBL25) mRNA, complete cds [NM_100025]
AT1G01480	4.36	0.00010877	0.00010877	0.00030385	0.01935211	NM_100030	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 2 (ACS2) mRNA, complete cds [NM_100030]
AT1G01540	-2.03	0.01635287	0.01635287	0.00339076	0.1229591	NM_179242	ref|Arabidopsis thaliana putative serine/threonine-protein kinase (AT1G01540) mRNA, complete cds [NM_179242]
AT1G01560	16.88	0.00000513	0.00000513	0.00000088	0.00038835	NM_001123	ref|Arabidopsis thaliana mitogen-activated protein kinase 11 (MPK11) mRNA, complete cds [NM_001123738]
AT1G01620	-2.49	0.00080297	0.00080297	0.00083525	0.05603858	NM_100044	ref|Arabidopsis thaliana aquaporin PIP1-3 (PIP1C) mRNA, complete cds [NM_100044]
AT1G01680	7.46	0.00000461	0.00000461	0.00004644	0.00551181	NM_100050	ref|Arabidopsis thaliana U-box domain-containing protein 54 (PUB54) mRNA, complete cds [NM_100050]
AT1G01720	2.66	0.0001248	0.0001248	0.00083061	0.03689587	NM_100054	ref|Arabidopsis thaliana NAC domain-containing protein 2 (ATAF1) mRNA, complete cds [NM_100054]
AT1G02170	3.01	0.00197991	0.00197991	0.00136709	0.05092257	NM_100097	ref|Arabidopsis thaliana metacaspase 1 (AMC1) mRNA, complete cds [NM_100097]
AT1G02180	-2.2	0.00120547	0.00120547	0.00131911	0.07292176	NM_100098	ref|Arabidopsis thaliana ferredoxin-like protein (AT1G02180) mRNA, complete cds [NM_100098]
AT1G02205	-2.1	0.0080778	0.0080778	0.0021778	0.09589094	NM_001197	ref|Arabidopsis thaliana CER1 protein (CER1) mRNA, complete cds [NM_001197961]
AT1G02220	2.55	0.00023842	0.00023842	0.00201659	0.06651349	NM_100103	ref|Arabidopsis thaliana NAC domain-containing protein 3 (NAC003) mRNA, complete cds [NM_100103]
AT1G02230	8.86	0.00000219	0.00000219	0.00002322	0.0035	NM_100104	ref|Arabidopsis thaliana NAC domain-containing protein 4 (NAC004) mRNA, complete cds [NM_100104]
AT1G02280	-2.02	0.00341945	0.00341945	0.00343852	0.12399522	NM_001123	ref|Arabidopsis thaliana translocase of chloroplast 33 (TOC33) mRNA, complete cds [NM_001123743]
AT1G02300	-2.22	0.04328289	0.04328289	0.00101858	0.06283765	NM_100110	ref|Arabidopsis thaliana putative cathepsin B-like cysteine protease (AT1G02300) mRNA, complete cds [NM_100110]
AT1G02340	-2.18	0.00094829	0.00094829	0.00130871	0.0726135	NM_100115	ref|Arabidopsis thaliana transcription factor HFR1 (HFR1) mRNA, complete cds [NM_100115]
AT1G02350	-2.17	0.00126404	0.00126404	0.00138147	0.0741924	NM_100116	ref|Arabidopsis thaliana protoporphyrinogen oxidase-like protein (AT1G02350) mRNA, complete cds [NM_100116]
AT1G02360	11.59	0.00000836	0.00000836	0.00000708	0.00159204	NM_100117	ref|Arabidopsis thaliana putative chitinase (AT1G02360) mRNA, complete cds [NM_100117]
AT1G02390	2.51	0.00098541	0.00098541	0.00282928	0.08264858	NM_100120	ref|Arabidopsis thaliana glycerol-3-phosphate acyltransferase (GPAT2) mRNA, complete cds [NM_100120]
AT1G02400	5.31	0.00004195	0.00004195	0.00016011	0.01263525	NM_100121	ref|Arabidopsis thaliana gibberellin 2-oxidase 6 (GA2OX6) mRNA, complete cds [NM_100121]
AT1G02430	2.58	0.00016115	0.00016115	0.00250553	0.0762963	NM_100124	ref|Arabidopsis thaliana ADP-ribosylation factor D1B (ARFD1B) mRNA, complete cds [NM_100124]
AT1G02450	11.62	0.00000435	0.00000435	0.00000708	0.00160804	NM_100126	ref|Arabidopsis thaliana protein NIM1-interacting 1 (NIMIN1) mRNA, complete cds [NM_100126]
AT1G02580	2.24	0.00079276	0.00079276	0.00472114	0.11627996	NM_100139	ref|Arabidopsis thaliana histone-lysine N-methyltransferase MEDEA (MEA) mRNA, complete cds [NM_100139]
AT1G02850	7.59	0.00000628	0.00000628	0.00004401	0.00537838	NM_202017	ref|Arabidopsis thaliana beta glucosidase 11 (BGLU11) mRNA, complete cds [NM_202017]
AT1G02920	44.04	0.000001	0.000001	0	0	NM_100173	ref|Arabidopsis thaliana glutathione S-transferase 11 (GSTF7) mRNA, complete cds [NM_100173]
AT1G02930	39.56	0.000001	0.000001	0	0	NM_001197	ref|Arabidopsis thaliana glutathione S-transferase 1 (GSTF6) mRNA, complete cds [NM_001197964]
AT1G03090	-2.01	0.00809441	0.00809441	0.002887	0.11129582	NM_179252	ref|Arabidopsis thaliana methylcrotonoyl-CoA carboxylase subunit alpha (MCCA) mRNA, complete cds [NM_179252]
AT1G03210	3.55	0.00016607	0.00016607	0.00067249	0.03242004	NM_100203	ref|Arabidopsis thaliana Phenazine biosynthesis PhzC/PhzF protein (AT1G03210) mRNA, complete cds [NM_100203]
AT1G03220	2.51	0.00214463	0.00098541	0.00303406	0.0861809	NM_100204	ref|Arabidopsis thaliana aspartyl protease-like protein (AT1G03220) mRNA, complete cds [NM_100204]
AT1G03230	2.06	0.00370388	0.00370388	0.00761256	0.16078468	NM_100205	ref|Arabidopsis thaliana aspartyl protease-like protein (AT1G03230) mRNA, complete cds [NM_100205]
AT1G03290	3	0.00152731	0.00152731	0.00136953	0.05097119	NM_100211	ref|Arabidopsis thaliana uncharacterized protein (AT1G03290) mRNA, complete cds [NM_100211]
AT1G03310	-2.33	0.00033396	0.00033396	0.0006192	0.0475382	NM_202022	ref|Arabidopsis thaliana Isoamylase 2 (DBE1) mRNA, complete cds [NM_202022]
AT1G03370	2.72	0.0052735	0.0052735	0.00215237	0.06917555	NM_100219	ref|Arabidopsis thaliana C2 calcium/lipid-binding and GRAM domain containing protein (AT1G03370) mRNA, complete cds [NM_100219]
AT1G03600	-2.17	0.04579276	0.00126404	0.00127156	0.07133995	NM_100240	ref|Arabidopsis thaliana photosystem II Psb27 protein (PSB27) mRNA, complete cds [NM_100240]
AT1G03740	2.4	0.00542455	0.00397063	0.00395467	0.10254014	NM_001035	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G03740) mRNA, complete cds [NM_001035873]
AT1G03850	6.45	0.0000126	0.0000126	0.00007629	0.00763274	NM_179255	ref|Arabidopsis thaliana monothiol glutaredoxin-S13 (AT1G03850) mRNA, complete cds [NM_179255]
AT1G03870	-2.69	0.00087415	0.00087415	0.00009155	0.01505455	NM_100267	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 9 (FLA9) mRNA, complete cds [NM_100267]
AT1G04040	-2.01	0.04175111	0.00809441	0.00350177	0.1252769	NM_100285	ref|Arabidopsis thaliana HAD superfamily, subfamily IIIB acid phosphatase (AT1G04040) mRNA, complete cds [NM_100285]
AT1G04240	-2.9	0.00082501	0.00082501	0.00004511	0.010625	NM_100305	ref|Arabidopsis thaliana auxin-responsive protein IAA3 (SHY2) mRNA, complete cds [NM_100305]
AT1G04250	-2.56	0.00106214	0.00106214	0.00021672	0.02592593	NM_100306	ref|Arabidopsis thaliana auxin-responsive protein IAA17 (AXR3) mRNA, complete cds [NM_100306]
AT1G04350	-2.2	0.00165604	0.00120547	0.00133658	0.07334951	NM_100315	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT1G04350) mRNA, complete cds [NM_100315]
AT1G04430	-2.02	0.00560429	0.00341945	0.00273994	0.10755208	NM_001123	ref|Arabidopsis thaliana putative methyltransferase PMT8 (AT1G04430) mRNA, complete cds [NM_001123753]
AT1G04660	-2.4	0.00087785	0.00087785	0.00042658	0.03745631	NM_100346	ref|Arabidopsis thaliana glycine-rich protein (AT1G04660) mRNA, complete cds [NM_100346]
AT1G04980	5.57	0.00011363	0.00011363	0.00013622	0.01138632	NM_100376	ref|Arabidopsis thaliana protein disulfide-isomerase A6 (PDIL2-2) mRNA, complete cds [NM_100376]
AT1G05000	3.06	0.00007852	0.00007852	0.00124657	0.04809727	NM_001160	ref|Arabidopsis thaliana putative tyrosine-protein phosphatase (AT1G05000) mRNA, complete cds [NM_001160832]
AT1G05010	2.31	0.01640024	0.01640024	0.00499403	0.12057128	NM_100380	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase (EFE) mRNA, complete cds [NM_100380]
AT1G05300	2.28	0.00125043	0.00125043	0.00449713	0.1124157	NM_202033	ref|Arabidopsis thaliana zinc transporter 5 (ZIP5) mRNA, complete cds [NM_202033]
AT1G05340	3.88	0.00027406	0.00027406	0.00047966	0.02629091	NM_100413	ref|Arabidopsis thaliana uncharacterized protein (AT1G05340) mRNA, complete cds [NM_100413]
AT1G05540	-2.33	0.00043111	0.00033396	0.00063954	0.04885135	NM_100433	ref|Arabidopsis thaliana uncharacterized protein (AT1G05540) mRNA, complete cds [NM_100433]
AT1G05570	3.53	0.00047787	0.00047787	0.00070168	0.0334	NM_100436	ref|Arabidopsis thaliana callose synthase 1 (CALS1) mRNA, complete cds [NM_100436]
AT1G05575	7.36	0.00001755	0.00001755	0.00004976	0.00572519	NM_100437	ref|Arabidopsis thaliana uncharacterized protein (AT1G05575) mRNA, complete cds [NM_100437]
AT1G05680	15.98	0.00000277	0.00000277	0.00000088	0.00032787	NM_100448	ref|Arabidopsis thaliana Uridine diphosphate glycosyltransferase 74E2 (UGT74E2) mRNA, complete cds [NM_100448]
AT1G05710	2.2	0.00111929	0.00111929	0.00489009	0.11901507	NM_179266	ref|Arabidopsis thaliana basic helix-loop-helix domain-containing protein (AT1G05710) mRNA, complete cds [NM_179266]
AT1G06000	2.17	0.00319914	0.00319914	0.00575453	0.1326976	NM_100480	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT1G06000) mRNA, complete cds [NM_100480]
AT1G06080	-3.42	0.0000498	0.0000498	0.00000464	0.0025	NM_100489	ref|Arabidopsis thaliana delta-9 acyl-lipid desaturase 1 (ADS1) mRNA, complete cds [NM_100489]
AT1G06100	-2.08	0.00107208	0.00099138	0.0022521	0.09782901	NM_100491	ref|Arabidopsis thaliana delta-9 desaturase-like 2 protein (AT1G06100) mRNA, complete cds [NM_100491]
AT1G06135	4.66	0.00002528	0.00002528	0.00023419	0.01636785	NM_202039	ref|Arabidopsis thaliana uncharacterized protein (AT1G06135) mRNA, complete cds [NM_202039]
AT1G06137	2.82	0.0004452	0.0004452	0.001795	0.061076	NM_001123	ref|Arabidopsis thaliana uncharacterized protein (AT1G06137) mRNA, complete cds [NM_001123765]
AT1G06160	3.91	0.00002368	0.00002368	0.0004487	0.02542607	NM_100497	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF094 (ORA59) mRNA, complete cds [NM_100497]
AT1G06180	2.29	0.00067661	0.00067661	0.00417935	0.10695529	NM_100499	ref|Arabidopsis thaliana myb proto-oncogene protein (MYB13) mRNA, complete cds [NM_100499]
AT1G06360	-2.45	0.00035291	0.00035291	0.00032906	0.0324183	NM_100517	ref|Arabidopsis thaliana delta-9 desaturase-like 5 protein (AT1G06360) mRNA, complete cds [NM_100517]
AT1G06620	3.37	0.00006748	0.00006748	0.00082552	0.03674213	NM_100539	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase-1 (AT1G06620) mRNA, complete cds [NM_100539]
AT1G06690	-2.12	0.01698645	0.01698645	0.00172866	0.08487514	NM_100546	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT1G06690) mRNA, complete cds [NM_100546]
AT1G06980	-3.7	0.00015385	0.00015385	0.00000155	0.00122807	NM_100571	ref|Arabidopsis thaliana uncharacterized protein (AT1G06980) mRNA, complete cds [NM_100571]
AT1G07000	9.08	0.00001504	0.00001504	0.00002034	0.00321678	NM_100573	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70B2) mRNA, complete cds [NM_100573]
AT1G07135	4.62	0.00247557	0.00247557	0.00028726	0.01863702	NM_100587	ref|Arabidopsis thaliana glycine-rich protein (AT1G07135) mRNA, complete cds [NM_100587]
AT1G07160	6.3	0.00005449	0.00005449	0.00008669	0.00828753	NM_100590	ref|Arabidopsis thaliana putative protein phosphatase 2C 2 (AT1G07160) mRNA, complete cds [NM_100590]
AT1G07220	2.36	0.001021	0.001021	0.00374856	0.09889732	NM_100596	ref|Arabidopsis thaliana uncharacterized protein (AT1G07220) mRNA, complete cds [NM_100596]
AT1G07400	6.13	0.0002847	0.0002847	0.00009841	0.0090081	NM_100614	ref|Arabidopsis thaliana class I heat shock protein (AT1G07400) mRNA, complete cds [NM_100614]
AT1G07440	-2.3	0.00719695	0.00719695	0.00073574	0.05280952	NM_100618	ref|Arabidopsis thaliana tropinone reductase-like protein (AT1G07440) mRNA, complete cds [NM_100618]
AT1G07450	-2.19	0.00155131	0.00155131	0.0011674	0.0679408	NM_100619	ref|Arabidopsis thaliana tropine dehydrogenase (AT1G07450) mRNA, complete cds [NM_100619]
AT1G07520	2.98	0.0001524	0.0001524	0.00136333	0.05095041	NM_100626	ref|Arabidopsis thaliana GRAS family transcription factor (AT1G07520) mRNA, complete cds [NM_100626]
AT1G07620	7.34	0.00000942	0.00000942	0.00004976	0.0057398	NM_100635	ref|Arabidopsis thaliana GTP-binding protein Obg/CgtA (ATOBGM) mRNA, complete cds [NM_100635]
AT1G07630	3.03	0.00012828	0.00012828	0.00126227	0.04845501	NM_100636	ref|Arabidopsis thaliana putative protein phosphatase 2C 4 (PLL5) mRNA, complete cds [NM_100636]
AT1G07780	2.18	0.00105878	0.00105878	0.00543498	0.12800521	NM_001123	ref|Arabidopsis thaliana phosphoribosylanthranilate isomerase (PAI1) mRNA, complete cds [NM_001123771]
AT1G07890	2.23	0.00189881	0.00189881	0.00476625	0.11707224	NM_001123	ref|Arabidopsis thaliana L-ascorbate peroxidase (APX1) mRNA, complete cds [NM_001123772]
AT1G07900	4.55	0.00010145	0.00010145	0.00026294	0.01756278	NM_100664	ref|Arabidopsis thaliana LOB domain-containing protein 1 (LBD1) mRNA, complete cds [NM_100664]
AT1G08050	3.98	0.00001466	0.00001466	0.00042194	0.02443022	NM_100679	ref|Arabidopsis thaliana C3HC4-type RING finger-containing protein (AT1G08050) mRNA, complete cds [NM_100679]
AT1G08105	2.39	0.00112202	0.00112202	0.00341973	0.09304452	A_84_P1227	Unknown
AT1G08390	-2.33	0.00207221	0.00033396	0.0005805	0.04557292	NM_100712	ref|Arabidopsis thaliana uncharacterized protein (AT1G08390) mRNA, complete cds [NM_100712]
AT1G08450	3.03	0.00008389	0.00012828	0.00125343	0.04819728	NM_202064	ref|Arabidopsis thaliana calreticulin-3 (CRT3) mRNA, complete cds [NM_202064]
AT1G08550	-2.04	0.00110793	0.00110793	0.00276603	0.10838821	NM_100728	ref|Arabidopsis thaliana Violaxanthin de-epoxidase (NPQ1) mRNA, complete cds [NM_100728]
AT1G08930	2.98	0.00009776	0.0001524	0.00138058	0.05129827	NM_001035	ref|Arabidopsis thaliana sugar transporter ERD6 (ERD6) mRNA, complete cds [NM_001035929]
AT1G08940	3.7	0.00093558	0.00093558	0.00062561	0.03098576	NM_100766	ref|Arabidopsis thaliana Phosphoglycerate mutase-like protein (AT1G08940) mRNA, complete cds [NM_100766]
AT1G09070	2.58	0.04600338	0.00016115	0.00423043	0.10765335	NM_100778	ref|Arabidopsis thaliana uncharacterized protein (SRC2) mRNA, complete cds [NM_100778]
AT1G09080	3.43	0.00002368	0.00002368	0.00075475	0.03511317	NM_100779	ref|Arabidopsis thaliana Hsp70 protein BiP chaperone BIP-L (BIP3) mRNA, complete cds [NM_100779]
AT1G09210	2.05	0.02369108	0.02369108	0.0090031	0.17832676	NM_100791	ref|Arabidopsis thaliana calreticulin-2 (CRT1b) mRNA, complete cds [NM_100791]
AT1G09440	-2.95	0.00267453	0.00267453	0.00004578	0.01061538	NM_100815	ref|Arabidopsis thaliana protein kinase family protein (AT1G09440) mRNA, complete cds [NM_100815]
AT1G09500	2.4	0.00117445	0.00397063	0.00337594	0.09218599	NM_179294	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT1G09500) mRNA, complete cds [NM_179294]
AT1G09560	5.87	0.00143578	0.00143578	0.00011632	0.0101938	NM_100827	ref|Arabidopsis thaliana germin-like protein subfamily 2 member 1 (GLP5) mRNA, complete cds [NM_100827]
AT1G09740	2.65	0.00025475	0.00025475	0.0023222	0.072772	NM_100846	ref|Arabidopsis thaliana adenine nucleotide alpha hydrolases-like protein (AT1G09740) mRNA, complete cds [NM_100846]
AT1G09932	12.69	0.00000216	0.00000216	0.00000464	0.00119318	NM_001084	ref|Arabidopsis thaliana Phosphoglycerate mutase family protein (AT1G09932) mRNA, complete cds [NM_001084031]
AT1G09935	3.32	0.00043442	0.00043442	0.00092127	0.03975191	NM_148453	ref|Arabidopsis thaliana phosphoglycerate mutase-like protein (AT1G09935) mRNA, complete cds [NM_148453]
AT1G09940	3.11	0.0003762	0.0003762	0.0011559	0.04601232	NM_100868	ref|Arabidopsis thaliana glutamyl-tRNA reductase 2 (HEMA2) mRNA, complete cds [NM_100868]
AT1G09970	5.94	0.00005097	0.00005097	0.00010548	0.00940828	NM_100871	ref|Arabidopsis thaliana leucine-rich receptor-like protein kinase (LRR XI-23) mRNA, complete cds [NM_100871]
AT1G10000	-2.3	0.00964859	0.00719695	0.00071716	0.05222222	NM_100874	ref|Arabidopsis thaliana Ribonuclease H-like protein (AT1G10000) mRNA, complete cds [NM_100874]
AT1G10020	-2.48	0.00011455	0.00011455	0.00028173	0.03004717	NM_100876	ref|Arabidopsis thaliana uncharacterized protein (AT1G10020) mRNA, complete cds [NM_100876]
AT1G10040	2.44	0.00034152	0.00034152	0.00321451	0.08939729	NM_100878	ref|Arabidopsis thaliana putative serine esterase type enzyme with an alpha/beta hydrolase fold-containing protein (AT1G10040) mRNA, comple
AT1G10070	3.85	0.00044236	0.00044236	0.00049713	0.0267938	NM_001035	ref|Arabidopsis thaliana branched-chain-amino-acid aminotransferase 2 (BCAT-2) mRNA, complete cds [NM_001035939]
AT1G10140	3.09	0.0003012	0.0003012	0.00118841	0.04677111	NM_100888	ref|Arabidopsis thaliana uncharacterized protein (AT1G10140) mRNA, complete cds [NM_100888]
AT1G10340	11.15	0.0000049	0.0000049	0.0000084	0.00179245	NM_100908	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT1G10340) mRNA, complete cds [NM_100908]
AT1G10360	-2.49	0.00037181	0.00080297	0.00029014	0.03065421	NM_100910	ref|Arabidopsis thaliana glutathione S-transferase TAU 18 (GSTU18) mRNA, complete cds [NM_100910]
AT1G10370	-2.16	0.00422771	0.01295968	0.00163445	0.08267338	NM_100911	ref|Arabidopsis thaliana glutathione S-transferase (ERD9) mRNA, complete cds [NM_100911]
AT1G10640	-2.03	0.00784161	0.01635287	0.0030471	0.11492077	NM_100940	ref|Arabidopsis thaliana Pectin lyase-like protein (AT1G10640) mRNA, complete cds [NM_100940]
AT1G10700	2	0.00202099	0.00202099	0.00833525	0.17078387	NM_100946	ref|Arabidopsis thaliana ribose-phosphate pyrophosphokinase 3 (PRS3) mRNA, complete cds [NM_100946]
AT1G11050	2.28	0.0087894	0.00125043	0.00522335	0.12451239	NM_100978	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT1G11050) mRNA, complete cds [NM_100978]

AT1G11130	-2.04	0.00731536	0.00110793	0.00218377	0.09587379	NM_100986	ref|Arabidopsis thaliana protein STRUBBELIG (SUB) mRNA, complete cds [NM_100986]
AT1G11200	2.04	0.00928674	0.00928674	0.00751659	0.15957746	NM_100992	ref|Arabidopsis thaliana uncharacterized protein (AT1G11200) mRNA, complete cds [NM_100992]
AT1G11300	2.19	0.00053923	0.00053923	0.00504268	0.12142173	NM_101003	ref|Arabidopsis thaliana G-type lectin S-receptor-like serine/threonine-protein kinase (AT1G11300) mRNA, complete cds [NM_101003]
AT1G11310	2.36	0.00063031	0.001021	0.00392592	0.10202874	NM_001123	ref|Arabidopsis thaliana MLO-like protein 2 (MLO2) mRNA, complete cds [NM_001123796]
AT1G11330	3	0.00011143	0.00152731	0.00132817	0.04996672	NM_001198	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT1G11330) mRNA, complete cds [NM_001198033]
AT1G11380	-2.15	0.0022173	0.0022173	0.00151039	0.07877739	NM_101011	ref|Arabidopsis thaliana PLAC8 family protein (AT1G11380) mRNA, complete cds [NM_101011]
AT1G11545	-2.64	0.00562818	0.00562818	0.00012782	0.01882736	NM_101028	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH8) mRNA, complete cds [NM_101028]
AT1G11600	-2.19	0.00479722	0.00155131	0.00122379	0.07013942	NM_101033	ref|Arabidopsis thaliana cytochrome P450, family 77, subfamily B, polypeptide 1 (CYP77B1) mRNA, complete cds [NM_101033]
AT1G11700	-2.25	0.00040651	0.00040651	0.00089761	0.05840288	NM_101042	ref|Arabidopsis thaliana uncharacterized protein (AT1G11700) mRNA, complete cds [NM_101042]
AT1G11720	-2.01	0.00424728	0.00809441	0.00350885	0.12523283	NM_101044	ref|Arabidopsis thaliana starch synthase 3 (SS3) mRNA, complete cds [NM_101044]
AT1G11740	-3.64	0.00057784	0.00057784	0.00000155	0.00127273	NM_101046	ref|Arabidopsis thaliana ankyrin repeats-containing protein (AT1G11740) mRNA, complete cds [NM_101046]
AT1G11803	-3.69	0.0002074	0.0002074	0.00000155	0.00111111	A_84_P7518	Unknown
AT1G11820	-2.67	0.00748979	0.00748979	0.00009841	0.01594982	NM_101054	ref|Arabidopsis thaliana O-Glycosyl hydrolases family 17 protein (AT1G11820) mRNA, complete cds [NM_101054]
AT1G11850	-2.24	0.00194145	0.00194145	0.00082618	0.05567809	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G11850) mRNA, complete cds [NM_001084052]
AT1G11860	-2.13	0.00142272	0.00142272	0.00177687	0.08502646	NM_001198	ref|Arabidopsis thaliana aminomethyltransferase (AT1G11860) mRNA, complete cds [NM_001198040]
AT1G12010	-2.69	0.00176299	0.00087415	0.00010637	0.01693662	NM_101073	ref|Arabidopsis thaliana aminocyclopropanecarboxylate oxidase (AT1G12010) mRNA, complete cds [NM_101073]
AT1G12080	-2.02	0.04012939	0.00341945	0.00243476	0.10203892	NM_101080	ref|Arabidopsis thaliana Vacuolar calcium-binding protein-like protein (AT1G12080) mRNA, complete cds [NM_101080]
AT1G12090	-2.41	0.00109162	0.00109162	0.00041353	0.03688363	NM_101081	ref|Arabidopsis thaliana extensin-like protein (ELP) mRNA, complete cds [NM_101081]
AT1G12200	3.96	0.00048815	0.00048815	0.00047988	0.02620773	NM_101092	ref|Arabidopsis thaliana dimethylaniline monooxygenase (N-oxide forming) (AT1G12200) mRNA, complete cds [NM_101092]
AT1G12290	3.12	0.00005774	0.00005774	0.00112782	0.04549509	NM_001160	ref|Arabidopsis thaliana CC-NBS-LRR class disease resistance protein (AT1G12290) mRNA, complete cds [NM_001160857]
AT1G12330	-2.11	0.00433068	0.00433068	0.00138324	0.07411137	NM_101105	ref|Arabidopsis thaliana uncharacterized protein (AT1G12330) mRNA, complete cds [NM_101105]
AT1G12440	-2.25	0.0007215	0.00040651	0.00102366	0.0630654	NM_179321	ref|Arabidopsis thaliana zinc finger A20 and AN1 domain-containing stress-associated protein 1 (AT1G12440) mRNA, complete cds [NM_179321
AT1G12460	-2.01	0.00322165	0.00809441	0.00251482	0.10300725	NM_101118	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT1G12460) mRNA, complete cds [NM_101118]
AT1G12500	-2.1	0.001442	0.0080778	0.00219062	0.09598837	NM_101122	ref|Arabidopsis thaliana Nucleotide-sugar transporter family protein (AT1G12500) mRNA, complete cds [NM_101122]
AT1G12570	-2.12	0.00093005	0.01698645	0.00173109	0.08471861	NM_101128	ref|Arabidopsis thaliana glucose-methanol-choline (GMC) oxidoreductase-like protein (AT1G12570) mRNA, complete cds [NM_101128]
AT1G12860	-2.39	0.0003558	0.0003558	0.00044626	0.03829222	NM_101157	ref|Arabidopsis thaliana uncharacterized basic helix-loop-helix protein (SCRM2) mRNA, complete cds [NM_101157]
AT1G12880	2.24	0.01119567	0.00079276	0.00548629	0.12867739	NM_101159	ref|Arabidopsis thaliana nudix hydrolase 12 (NUDT12) mRNA, complete cds [NM_101159]
AT1G12940	2.87	0.00024478	0.00024478	0.00162251	0.05665637	NM_101165	ref|Arabidopsis thaliana nitrate transporter2,5 (NRT2,5) mRNA, complete cds [NM_101165]
AT1G13000	2.27	0.01618787	0.01618787	0.00540469	0.12755741	NM_101171	ref|Arabidopsis thaliana uncharacterized protein (AT1G13000) mRNA, complete cds [NM_101171]
AT1G13210	4.57	0.00005534	0.00005534	0.00025431	0.01724138	NM_101192	ref|Arabidopsis thaliana phospholipid-translocating ATPase (ACA,I) mRNA, complete cds [NM_101192]
AT1G13340	5.47	0.0001437	0.0001437	0.00014662	0.01203267	NM_101205	ref|Arabidopsis thaliana Regulator of Vps4 activity in the MVB pathway protein (AT1G13340) mRNA, complete cds [NM_101205]
AT1G13470	16.3	0.00000925	0.00000925	0.00000088	0.00035714	NM_101217	ref|Arabidopsis thaliana uncharacterized protein (AT1G13470) mRNA, complete cds [NM_101217]
AT1G13480	2.07	0.00233174	0.00233174	0.00681225	0.14874457	NM_101218	ref|Arabidopsis thaliana uncharacterized protein (AT1G13480) mRNA, complete cds [NM_101218]
AT1G13520	17.9	0.00000115	0.00000115	0.00000066	0.00031915	NM_101222	ref|Arabidopsis thaliana uncharacterized protein (AT1G13520) mRNA, complete cds [NM_101222]
AT1G13550	2.04	0.00158564	0.00928674	0.00758293	0.16038354	NM_101225	ref|Arabidopsis thaliana uncharacterized protein (AT1G13550) mRNA, complete cds [NM_101225]
AT1G13750	2.75	0.0002847	0.0002847	0.00187528	0.06328358	NM_101243	ref|Arabidopsis thaliana putative inactive purple acid phosphatase 1 (AT1G13750) mRNA, complete cds [NM_101243]
AT1G13830	2.89	0.00017249	0.00017249	0.00158204	0.05575994	NM_101251	ref|Arabidopsis thaliana carbohydrate-binding X8 domain-containing protein (AT1G13830) mRNA, complete cds [NM_101251]
AT1G13990	2.47	0.00595416	0.00595416	0.00309199	0.08711526	NM_001160	ref|Arabidopsis thaliana uncharacterized protein (AT1G13990) mRNA, complete cds [NM_001160863]
AT1G14010	2.35	0.00055182	0.00055182	0.00383105	0.10066241	NM_101267	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT1G14010) mRNA, complete cds [NM_101267]
AT1G14070	2.7	0.00118503	0.00118503	0.00215303	0.06914773	NM_101272	ref|Arabidopsis thaliana fucosyltransferase 7 (FUT7) mRNA, complete cds [NM_101272]
AT1G14080	2.48	0.00362616	0.00362616	0.00312185	0.0876288	NM_101273	ref|Arabidopsis thaliana Fucosyltransferase 6 (FUT6) mRNA, complete cds [NM_101273]
AT1G14150	-2.13	0.00982905	0.00142272	0.00147302	0.07745349	NM_101280	ref|Arabidopsis thaliana photosystem II oxygen-evolving enhancer protein (PQL2) mRNA, complete cds [NM_101280]
AT1G14170	3.65	0.00040667	0.00040667	0.00062207	0.0308443	NM_001123	ref|Arabidopsis thaliana RNA-binding KH domain-containing protein (AT1G14170) mRNA, complete cds [NM_001123810]
AT1G14280	-3.09	0.00022186	0.00011599	0.00001659	0.00604839	NM_101294	ref|Arabidopsis thaliana phytochrome kinase substrate 2 (PKS2) mRNA, complete cds [NM_101294]
AT1G14290	-2.45	0.000599	0.00035291	0.00035935	0.03399582	NM_101295	ref|Arabidopsis thaliana sphingoid base hydroxylase 2 (SBH2) mRNA, complete cds [NM_101295]
AT1G14345	-2.35	0.01888052	0.01888052	0.00044494	0.03832381	NM_101301	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT1G14345) mRNA, complete cds [NM_101301]
AT1G14360	3.81	0.0003279	0.0003279	0.00055197	0.02862385	NM_101303	ref|Arabidopsis thaliana UDP-galactose transporter 3 (UTR3) mRNA, complete cds [NM_101303]
AT1G14370	6.39	0.00000461	0.00000461	0.00007806	0.00772429	NM_101304	ref|Arabidopsis thaliana protein kinase 2A (APK2A) mRNA, complete cds [NM_101304]
AT1G14480	2.07	0.00263956	0.00233174	0.00715944	0.15416667	NM_101315	ref|Arabidopsis thaliana Ankyrin repeat family protein (AT1G14480) mRNA, complete cds [NM_101315]
AT1G14520	-2.6	0.01260257	0.01260257	0.00020013	0.02445946	NM_101319	ref|Arabidopsis thaliana inositol oxygenase 1 (MIOX1) mRNA, complete cds [NM_101319]
AT1G14540	16.9	0.00001123	0.00001123	0.00000088	0.00036364	NM_101321	ref|Arabidopsis thaliana peroxidase 4 (AT1G14540) mRNA, complete cds [NM_101321]
AT1G14550	2.14	0.00180611	0.00180611	0.00617559	0.13907371	NM_101322	ref|Arabidopsis thaliana peroxidase 5 (AT1G14550) mRNA, complete cds [NM_101322]
AT1G14700	-2.05	0.01710305	0.01710305	0.00210946	0.0939803	NM_101339	ref|Arabidopsis thaliana purple acid phosphatase 3 (PAP3) mRNA, complete cds [NM_101339]
AT1G14870	25.08	0.00000106	0.00000106	0	0	NM_101356	ref|Arabidopsis thaliana cadmium resistance protein 2 (PCR2) mRNA, complete cds [NM_101356]
AT1G14880	24.4	0.00000164	0.00000164	0	0	NM_101357	ref|Arabidopsis thaliana cadmium resistance protein 1 (PCR1) mRNA, complete cds [NM_101357]
AT1G14920	-2.54	0.00051024	0.00051024	0.00022357	0.02646597	NM_101361	ref|Arabidopsis thaliana DELLA protein GAI (GAI) mRNA, complete cds [NM_101361]
AT1G15010	5.18	0.00001334	0.00001334	0.00017161	0.01319728	NM_101370	ref|Arabidopsis thaliana uncharacterized protein (AT1G15010) mRNA, complete cds [NM_101370]
AT1G15125	3.38	0.00009776	0.00009776	0.00081866	0.03654492	NM_148466	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase domain-containing protein (AT1G15125) mRNA, complete cds [N
AT1G15180	-2.2	0.00415815	0.00120547	0.00122048	0.07003807	NM_101386	ref|Arabidopsis thaliana MATE efflux family protein (AT1G15180) mRNA, complete cds [NM_101386]
AT1G15260	-2.58	0.00043815	0.00043815	0.00014396	0.02009259	NM_101394	ref|Arabidopsis thaliana uncharacterized protein (AT1G15260) mRNA, complete cds [NM_101394]
AT1G15415	3.48	0.00036673	0.00036673	0.00076426	0.03537359	NM_101411	ref|Arabidopsis thaliana uncharacterized protein (AT1G15415) mRNA, complete cds [NM_101411]
AT1G15430	2.47	0.00018912	0.00595416	0.0030199	0.08621212	NM_202106	ref|Arabidopsis thaliana uncharacterized protein (AT1G15430) mRNA, complete cds [NM_202106]
AT1G15520	95.7	0.00000179	0.00000179	0	0	NM_101421	ref|Arabidopsis thaliana ABC transporter G family member 40 (PDR12) mRNA, complete cds [NM_101421]
AT1G15670	4.37	0.00231958	0.00231958	0.00034808	0.02138587	NM_101435	ref|Arabidopsis thaliana putative F-box/kelch-repeat protein (AT1G15670) mRNA, complete cds [NM_101435]
AT1G15790	4.26	0.00019255	0.00019255	0.00035095	0.021417	NM_101447	ref|Arabidopsis thaliana uncharacterized protein (AT1G15790) mRNA, complete cds [NM_101447]
AT1G15820	-2.04	0.00241907	0.00110793	0.00296594	0.11270588	NM_101450	ref|Arabidopsis thaliana light harvesting complex photosystem II subunit 6 (LHCB6) mRNA, complete cds [NM_101450]
AT1G15890	2.99	0.00049296	0.00049296	0.00144604	0.05256431	NM_101457	ref|Arabidopsis thaliana CC-NBS-LRR class disease resistance protein (AT1G15890) mRNA, complete cds [NM_101457]
AT1G15980	-2.99	0.0205628	0.0205628	0.00008912	0.01498141	NM_101466	ref|Arabidopsis thaliana NDH-dependent cyclic electron flow 1 (NDF1) mRNA, complete cds [NM_101466]
AT1G16090	8.5	0.00000227	0.00000227	0.0000272	0.00377301	NM_101477	ref|Arabidopsis thaliana wall associated kinase-like 7 (WAKL7) mRNA, complete cds [NM_101477]
AT1G16110	2.4	0.00435594	0.00397063	0.00373043	0.09853388	NM_101478	ref|Arabidopsis thaliana wall associated kinase-like 6 (WAKL6) mRNA, complete cds [NM_101478]
AT1G16130	2.39	0.00147166	0.00112202	0.00352388	0.09456973	NM_101480	ref|Arabidopsis thaliana wall-associated receptor kinase-like 2 (WAKL2) mRNA, complete cds [NM_101480]
AT1G16260	2.03	0.00506757	0.00506757	0.00781247	0.16332871	NM_101492	ref|Arabidopsis thaliana wall-associated receptor kinase-like 8 (AT1G16260) mRNA, complete cds [NM_101492]
AT1G16390	-2.05	0.00081496	0.01710305	0.00251835	0.10305882	NM_101505	ref|Arabidopsis thaliana organic cation/carnitine transporter 3 (3-Oct) mRNA, complete cds [NM_101505]
AT1G16420	20.53	0.00000181	0.00000181	0.00000022	0.00013333	NM_101508	ref|Arabidopsis thaliana metacaspase 8 (MC8) mRNA, complete cds [NM_101508]
AT1G16460	-2.22	0.00108603	0.04328289	0.00109332	0.06565737	NM_179344	ref|Arabidopsis thaliana rhodanese homologue 2 (RDH2) mRNA, complete cds [NM_179344]
AT1G16470	2.02	0.00347273	0.00347273	0.00767094	0.16148976	NM_001035	ref|Arabidopsis thaliana proteasome subunit alpha type-2-A (PAB1) mRNA, complete cds [NM_001035980]
AT1G16670	2.99	0.00019255	0.00049296	0.00130009	0.04919665	NM_101527	ref|Arabidopsis thaliana kinase domain-containing protein (AT1G16670) mRNA, complete cds [NM_101527]
AT1G16850	-2	0.0180232	0.0180232	0.00353074	0.12571654	NM_101546	ref|Arabidopsis thaliana uncharacterized protein (AT1G16850) mRNA, complete cds [NM_101546]
AT1G17100	-2.29	0.02837443	0.02837443	0.00082353	0.05558209	NM_101570	ref|Arabidopsis thaliana SOUL heme-binding protein (AT1G17100) mRNA, complete cds [NM_101570]
AT1G17147	4.47	0.00024736	0.00024736	0.00028726	0.01866379	NM_001123	ref|Arabidopsis thaliana VQ motif-containing protein (AT1G17147) mRNA, complete cds [NM_001123828]
AT1G17170	3.16	0.00498997	0.00498997	0.00126979	0.04870229	NM_101578	ref|Arabidopsis thaliana glutathione S-transferase TAU 24 (GSTU24) mRNA, complete cds [NM_101578]
AT1G17200	-2.01	0.01199869	0.00809441	0.00255794	0.10383303	NM_101581	ref|Arabidopsis thaliana UPF0497 membrane protein (AT1G17200) mRNA, complete cds [NM_101581]
AT1G17250	2.54	0.0004648	0.0004648	0.00272932	0.08061398	NM_101586	ref|Arabidopsis thaliana receptor like protein 3 (RLP3) mRNA, complete cds [NM_101586]
AT1G17290	2.46	0.00385122	0.00369727	0.00335847	0.09198667	NM_101591	ref|Arabidopsis thaliana alanine aminotransferase (AlaAT1) mRNA, complete cds [NM_101591]
AT1G17380	3.1	0.00018253	0.00018253	0.00117713	0.04657043	NM_101599	ref|Arabidopsis thaliana protein TIFY 11A (JAZ5) mRNA, complete cds [NM_101599]
AT1G17420	4.94	0.00000513	0.00000513	0.00019615	0.01466116	NM_101603	ref|Arabidopsis thaliana lipoxygenase 3 (LOX3) mRNA, complete cds [NM_101603]
AT1G17500	2.19	0.00962106	0.00053923	0.00593498	0.13534039	NM_101612	ref|Arabidopsis thaliana phospholipid-translocating ATPase (AT1G17500) mRNA, complete cds [NM_101612]
AT1G17610	2.58	0.00023248	0.00016115	0.00250111	0.07626433	NM_101623	ref|Arabidopsis thaliana Disease resistance protein (TIR-NBS class) (AT1G17610) mRNA, complete cds [NM_101623]
AT1G17615	2.41	0.00072694	0.00072694	0.00332618	0.09143465	NM_101624	ref|Arabidopsis thaliana Disease resistance protein (TIR-NBS class) (AT1G17615) mRNA, complete cds [NM_101624]
AT1G17650	-2.23	0.00133724	0.00133724	0.00104334	0.06375676	NM_101628	ref|Arabidopsis thaliana glyoxylate reductase 2 (GLYR2) mRNA, complete cds [NM_101628]
AT1G17744	2.48	0.00220892	0.00362616	0.00327156	0.09048318	NM_001123	ref|Arabidopsis thaliana uncharacterized protein (AT1G17744) mRNA, complete cds [NM_001123830]
AT1G17745	16.81	0.00000637	0.00000637	0.00000088	0.00036697	NM_001035	ref|Arabidopsis thaliana D-3-phosphoglycerate dehydrogenase (AT1G17745) mRNA, complete cds [NM_001035984]
AT1G17860	2.42	0.00415302	0.00415302	0.00363932	0.09691991	NM_101649	ref|Arabidopsis thaliana kunitz type trypsin and protease inhibitor domain-containing protein (AT1G17860) mRNA, complete cds [NM_101649]
AT1G17990	2.12	0.00609669	0.00609669	0.00696904	0.15121881	NM_179352	ref|Arabidopsis thaliana putative 12-oxophytodienoate reductase-like protein 2 (AT1G18020) mRNA, complete cds [NM_179352]
AT1G18020	2.05	0.00946435	0.02369108	0.00757519	0.16036985	NM_179352	ref|Arabidopsis thaliana putative 12-oxophytodienoate reductase-like protein 2 (AT1G18020) mRNA, complete cds [NM_179352]
AT1G18060	-2.18	0.00112495	0.00094829	0.00130716	0.07261671	NM_101668	ref|Arabidopsis thaliana uncharacterized protein (AT1G18060) mRNA, complete cds [NM_101668]
AT1G18210	2.93	0.00432316	0.00432316	0.00168001	0.05812548	NM_179355	ref|Arabidopsis thaliana putative calcium-binding protein CML27 (AT1G18210) mRNA, complete cds [NM_179355]
AT1G18250	-2.02	0.02301733	0.00341945	0.00310836	0.11635762	NM_001035	ref|Arabidopsis thaliana Thaumatin-like protein (ATLP-1) mRNA, complete cds [NM_001035987]
AT1G18265	-2.61	0.00020115	0.00020115	0.00015281	0.02081325	NM_202127	ref|Arabidopsis thaliana uncharacterized protein (AT1G18265) mRNA, complete cds [NM_202127]
AT1G18300	5.62	0.00335946	0.00335946	0.00013954	0.01159926	NM_101688	ref|Arabidopsis thaliana nudix hydrolase 4 (NUDT4) mRNA, complete cds [NM_101688]
AT1G18330	-2.07	0.018419	0.018419	0.00189761	0.08947862	NM_001123	ref|Arabidopsis thaliana early-phytochrome-responsive1 (EPR1) mRNA, complete cds [NM_001123832]
AT1G18380	4.4	0.00005594	0.00005594	0.00029943	0.01915134	NM_101697	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G18390) mRNA, complete cds [NM_101697]
AT1G18390	4.68	0.00004221	0.00004221	0.00023507	0.01637904	NM_101697	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G18390) mRNA, complete cds [NM_101697]
AT1G18570	15.98	0.00000236	0.00000277	0.00000088	0.00034188	NM_101715	ref|Arabidopsis thaliana myb domain protein 51 (MYB51) mRNA, complete cds [NM_101715]
AT1G18590	2.54	0.00723151	0.0004648	0.00310372	0.08739103	NM_101717	ref|Arabidopsis thaliana sulfotransferase 17 (SOT17) mRNA, complete cds [NM_101717]
AT1G18650	-2.9	0.00008916	0.00082501	0.00004157	0.01021739	NM_101723	ref|Arabidopsis thaliana plasmodesmata callose-binding protein 3 (PDCB3) mRNA, complete cds [NM_101723]
AT1G18740	2.16	0.00709441	0.00709441	0.00645599	0.14360059	NM_101732	ref|Arabidopsis thaliana uncharacterized protein (AT1G18740) mRNA, complete cds [NM_101732]
AT1G18830	-2.35	0.00288369	0.01888052	0.00042371	0.03727626	NM_101740	ref|Arabidopsis thaliana transducin/WD-40 repeat-containing protein (AT1G18830) mRNA, complete cds [NM_101740]
AT1G18890	3.78	0.00015573	0.00015573	0.00054533	0.02841014	NM_101746	ref|Arabidopsis thaliana calcium-dependent protein kinase 1 (CDPK1) mRNA, complete cds [NM_101746]
AT1G18900	2.17	0.00618251	0.00319914	0.0057395	0.13248596	NM_001198	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT1G18900) mRNA, complete cds [NM_001198101]
AT1G19020	21.56	0.00000231	0.00000231	0.00000022	0.00015152	NM_101759	ref|Arabidopsis thaliana uncharacterized protein (AT1G19020) mRNA, complete cds [NM_101759]
AT1G19180	6.58	0.00001914	0.00001914	0.00007452	0.00759009	NM_202133	ref|Arabidopsis thaliana protein TIFY 10A (JAZ1) mRNA, complete cds [NM_202133]
AT1G19250	92.24	0.000001	0.000001	0	0	NM_101783	ref|Arabidopsis thaliana putative flavin-containing monooxygenase 1 (FMO1) mRNA, complete cds [NM_101783]
AT1G19270	2.16	0.01243306	0.00709441	0.00670677	0.1472233	NM_101785	ref|Arabidopsis thaliana protein DA1 (DA1) mRNA, complete cds [NM_101785]
AT1G19300	3.3	0.00013104	0.00013104	0.0009153	0.039532	NM_101787	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 1 (PARVUS) mRNA, complete cds [NM_101787]
AT1G19350	-2.28	0.00104319	0.00104319	0.0007908	0.05442922	NM_001084	ref|Arabidopsis thaliana protein brassinazole-resistant 2 (BES1) mRNA, complete cds [NM_001084093]
AT1G19360	2.38	0.00435732	0.00435732	0.00362406	0.09662736	NM_101793	ref|Arabidopsis thaliana Nucleotide-diphospho-sugar transferase family protein (AT1G19360) mRNA, complete cds [NM_101793]
AT1G19380	5.15	0.0004647	0.0004647	0.00018244	0.01386555	NM_101795	ref|Arabidopsis thaliana uncharacterized protein (AT1G19380) mRNA, complete cds [NM_101795]
AT1G19450	-2.35	0.00030115	0.01888052	0.00054887	0.04385159	NM_101801	ref|Arabidopsis thaliana sugar transporter ERD6-like 4 (AT1G19450) mRNA, complete cds [NM_101801]

AT1G19610	3.09	0.0010674	0.0003012	0.00119527	0.0469184	NM_101817	ref|Arabidopsis thaliana defensin-like protein 19 (PDF1,4) mRNA, complete cds [NM_101817]
AT1G19670	2.01	0.00354347	0.00354347	0.0079038	0.16455341	NM_101823	ref|Arabidopsis thaliana chlorophyllase 1 (CLH1) mRNA, complete cds [NM_101823]
AT1G19715	-2.06	0.00300431	0.00300431	0.00254135	0.10353153	NM_001198	ref|Arabidopsis thaliana mannose-binding lectin-like protein (AT1G19715) mRNA, complete cds [NM_001198112]
AT1G19835	-2.31	0.00109384	0.00109384	0.00069549	0.05138889	NM_101838	ref|Arabidopsis thaliana filament-like plant protein 4 (AT1G19835) mRNA, complete cds [NM_101838]
AT1G19950	-2.03	0.02141661	0.01635287	0.00345843	0.12451433	NM_101850	ref|Arabidopsis thaliana HVA22-like protein h (HVA22H) mRNA, complete cds [NM_101850]
AT1G19960	2.15	0.0020554	0.0020554	0.00600199	0.13638693	NM_101851	ref|Arabidopsis thaliana uncharacterized protein (AT1G19960) mRNA, complete cds [NM_101851]
AT1G20010	-2.18	0.00056817	0.00094829	0.00121893	0.07003812	NM_101856	ref|Arabidopsis thaliana tubulin beta-5 chain (TUB5) mRNA, complete cds [NM_101856]
AT1G20030	-2.87	0.00075516	0.00075516	0.00005639	0.01159091	NM_202141	ref|Arabidopsis thaliana pathogenesis-related thaumatin-like protein (AT1G20030) mRNA, complete cds [NM_202141]
AT1G20070	-2.08	0.0105547	0.00099138	0.00227598	0.09848804	NM_101861	ref|Arabidopsis thaliana uncharacterized protein (AT1G20070) mRNA, complete cds [NM_101861]
AT1G20190	-4	0.0003033	0.0003033	0.00000088	0.00095238	NM_101872	ref|Arabidopsis thaliana expansin-A11 (EXPA11) mRNA, complete cds [NM_101872]
AT1G20310	3.68	0.00008151	0.00008151	0.00058625	0.02978652	NM_101882	ref|Arabidopsis thaliana uncharacterized protein (AT1G20310) mRNA, complete cds [NM_101882]
AT1G20440	-2.28	0.00522556	0.00104319	0.00096749	0.06136045	NM_101894	ref|Arabidopsis thaliana dehydrin COR47 (COR47) mRNA, complete cds [NM_101894]
AT1G20470	-2.56	0.00022434	0.00106214	0.00019792	0.02445355	NM_101897	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G20470) mRNA, complete cds [NM_101897]
AT1G20510	5.69	0.00000447	0.00000447	0.00012384	0.01072797	NM_202143	ref|Arabidopsis thaliana OPC-8:0 CoA ligase1 (OPCL1) mRNA, complete cds [NM_202143]
AT1G20780	2.18	0.00570816	0.00105878	0.00557298	0.12990206	NM_101930	ref|Arabidopsis thaliana U-box domain-containing protein 44 (SAUL1) mRNA, complete cds [NM_101930]
AT1G21000	2.87	0.0003891	0.00024478	0.00165568	0.05768105	NM_001123	ref|Arabidopsis thaliana PLATZ transcription factor domain-containing protein (AT1G21000) mRNA, complete cds [NM_001123850]
AT1G21100	3.15	0.00043913	0.00043913	0.00110416	0.04502254	NM_101964	ref|Arabidopsis thaliana O-methyltransferase-like protein (AT1G21100) mRNA, complete cds [NM_101964]
AT1G21110	17.94	0.00000147	0.00000147	0.00000044	0.00021739	NM_101965	ref|Arabidopsis thaliana O-methyltransferase family protein (AT1G21110) mRNA, complete cds [NM_101965]
AT1G21120	15.78	0.00000292	0.00000292	0.00000133	0.00044776	NM_101966	ref|Arabidopsis thaliana O-methyltransferase family protein (AT1G21120) mRNA, complete cds [NM_101966]
AT1G21130	2.57	0.00131387	0.00131387	0.00276758	0.08131904	NM_179362	ref|Arabidopsis thaliana O-methyltransferase-like protein (AT1G21130) mRNA, complete cds [NM_179362]
AT1G21240	17.04	0.00003215	0.00003215	0.00000022	0.00011765	NM_101977	ref|Arabidopsis thaliana wall-associated receptor kinase 3 (WAK3) mRNA, complete cds [NM_101977]
AT1G21250	8.79	0.00000343	0.00000343	0.00002344	0.00350993	NM_101978	ref|Arabidopsis thaliana wall-associated receptor kinase 1 (WAK1) mRNA, complete cds [NM_101978]
AT1G21270	2.15	0.00083855	0.0020554	0.00580274	0.13333333	NM_101979	ref|Arabidopsis thaliana wall-associated receptor kinase 2 (WAK2) mRNA, complete cds [NM_101979]
AT1G21310	17.48	0.00000261	0.00000261	0.00000066	0.0003	NM_101983	ref|Arabidopsis thaliana extensin 3 (EXT3) mRNA, complete cds [NM_101983]
AT1G21520	5.32	0.00000415	0.00000415	0.00015414	0.01229277	NM_102001	ref|Arabidopsis thaliana uncharacterized protein (AT1G21520) mRNA, complete cds [NM_102001]
AT1G21525	3.71	0.00013146	0.00013146	0.00057121	0.02938567	AY087114	gb|Arabidopsis thaliana clone 31878 mRNA, complete sequence [AY087114]
AT1G21550	3.56	0.00007318	0.00007318	0.0006548	0.03177039	NM_102004	ref|Arabidopsis thaliana putative calcium-binding protein CML44 (AT1G21550) mRNA, complete cds [NM_102004]
AT1G21560	-2	0.00291801	0.0180232	0.0029184	0.11193384	NM_102005	ref|Arabidopsis thaliana uncharacterized protein (AT1G21560) mRNA, complete cds [NM_102005]
AT1G21750	3.47	0.00103291	0.00103291	0.00078638	0.0355956	NM_102024	ref|Arabidopsis thaliana protein disulfide-isomerase A1 (PDIL1-1) mRNA, complete cds [NM_102024]
AT1G21900	2.52	0.00033851	0.00033851	0.00285184	0.08309278	NM_102038	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT1G21900) mRNA, complete cds [NM_102038]
AT1G22160	-2	0.0093417	0.0180232	0.0027908	0.10916955	NM_102066	ref|Arabidopsis thaliana uncharacterized protein (AT1G22160) mRNA, complete cds [NM_102066]
AT1G22180	4.61	0.00012004	0.00012004	0.00024414	0.01682927	NM_102068	ref|Arabidopsis thaliana sec,4-like phosphatidylinositol transfer protein (AT1G22180) mRNA, complete cds [NM_102068]
AT1G22280	2.46	0.00307585	0.00369727	0.00323441	0.08973006	NM_001198	ref|Arabidopsis thaliana putative protein phosphatase 2C 9 (PAPP2C) mRNA, complete cds [NM_001198133]
AT1G22330	-2.32	0.00078528	0.00078528	0.00060991	0.04706485	NM_102083	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT1G22330) mRNA, complete cds [NM_102083]
AT1G22370	-2.55	0.00279233	0.00279233	0.00024502	0.0277	NM_102087	ref|Arabidopsis thaliana UDP-glucosyl transferase 85A5 (UGT85A5) mRNA, complete cds [NM_102087]
AT1G22400	4.66	0.00341413	0.00002528	0.00026847	0.01785294	NM_102089	ref|Arabidopsis thaliana cytokinin-O-glucosyltransferase 2 (UGT85A1) mRNA, complete cds [NM_102089]
AT1G22410	2.34	0.00079276	0.00079276	0.00395909	0.10259599	NM_102090	ref|Arabidopsis thaliana class-II DAHP synthetase-like protein (AT1G22410) mRNA, complete cds [NM_102090]
AT1G22530	-2.16	0.01639646	0.01295968	0.00160416	0.0819661	NM_102102	ref|Arabidopsis thaliana patellin-4 (PATL2) mRNA, complete cds [NM_102102]
AT1G22550	-3.01	0.0003558	0.0003558	0.00002786	0.00818182	NM_102104	ref|Arabidopsis thaliana putative peptide/nitrate transporter (AT1G22550) mRNA, complete cds [NM_102104]
AT1G22630	-2.06	0.00243516	0.00300431	0.00248916	0.10260711	NM_102110	ref|Arabidopsis thaliana uncharacterized protein (AT1G22630) mRNA, complete cds [NM_102110]
AT1G22650	2.57	0.00135867	0.00131387	0.00254578	0.07700334	NM_102112	ref|Arabidopsis thaliana putative neutral invertase (AT1G22650) mRNA, complete cds [NM_102112]
AT1G22740	-4.03	0.00008983	0.00008983	0.00000088	0.00102564	NM_102121	ref|Arabidopsis thaliana Ras-related protein Rab7 (RABG3B) mRNA, complete cds [NM_102121]
AT1G22890	3.78	0.00012124	0.00015573	0.00053229	0.02802095	NM_102136	ref|Arabidopsis thaliana uncharacterized protein (AT1G22890) mRNA, complete cds [NM_102136]
AT1G23050	-2.19	0.00060246	0.00155131	0.00124613	0.0708805	NM_102153	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT1G23050) mRNA, complete cds [NM_102153]
AT1G23090	3.14	0.00214684	0.00214684	0.00129169	0.04908403	NM_102157	ref|Arabidopsis thaliana putative sulfate transporter 3,3 (AST91) mRNA, complete cds [NM_102157]
AT1G23140	2.78	0.00012828	0.00012828	0.00187152	0.06320388	NM_102162	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT1G23140) mRNA, complete cds [NM_102162]
AT1G23205	-2.43	0.00474273	0.00474273	0.00040668	0.03663347	NM_102169	ref|Arabidopsis thaliana plant invertase/pectin methylesterase inhibitor domain-containing protein (AT1G23205) mRNA, complete cds [NM_102
AT1G23440	2.49	0.00481557	0.00481557	0.00302388	0.08610831	NM_102193	ref|Arabidopsis thaliana Peptidase C15, pyroglutamyl peptidase I-like protein (AT1G23440) mRNA, complete cds [NM_102193]
AT1G23490	2.2	0.004181	0.00111929	0.00520124	0.12418163	NM_102198	ref|Arabidopsis thaliana ADP-ribosylation factor 2 (ARF1) mRNA, complete cds [NM_102198]
AT1G23710	5.55	0.00012667	0.00012667	0.00013622	0.01136531	NM_102219	ref|Arabidopsis thaliana uncharacterized protein (AT1G23710) mRNA, complete cds [NM_102219]
AT1G23830	2.46	0.00067417	0.00369727	0.00302034	0.08617035	NM_102231	ref|Arabidopsis thaliana uncharacterized protein (AT1G23830) mRNA, complete cds [NM_102231]
AT1G23840	5.19	0.00001337	0.00001337	0.00016431	0.01285467	NM_102232	ref|Arabidopsis thaliana uncharacterized protein (AT1G23840) mRNA, complete cds [NM_102232]
AT1G23850	2.57	0.00039651	0.00131387	0.00260946	0.0781457	NM_102233	ref|Arabidopsis thaliana uncharacterized protein (AT1G23850) mRNA, complete cds [NM_102233]
AT1G24100	2.86	0.00011471	0.00011471	0.00159244	0.05599533	NM_102256	ref|Arabidopsis thaliana N-hydroxythioamide S-beta-glucosyltransferase (UGT74B1) mRNA, complete cds [NM_102256]
AT1G24140	25.76	0.00000172	0.00000172	0	0	NM_102260	ref|Arabidopsis thaliana matrix metalloprotease domain-containing protein (AT1G24140) mRNA, complete cds [NM_102260]
AT1G24145	14.77	0.00000696	0.00000696	0.00000221	0.0006993	NM_179373	ref|Arabidopsis thaliana uncharacterized protein (AT1G24145) mRNA, complete cds [NM_179373]
AT1G24147	8.83	0.00011895	0.00011895	0.00002344	0.00349835	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G24147) mRNA, complete cds [NM_001084124]
AT1G24150	3.84	0.00019017	0.00019017	0.00051393	0.02747045	NM_102261	ref|Arabidopsis thaliana formin homologue 4 (FH4) mRNA, complete cds [NM_102261]
AT1G24610	-2.2	0.00333863	0.00120547	0.00137749	0.07424315	NM_102303	ref|Arabidopsis thaliana rubisco methyltransferase-like protein (AT1G24610) mRNA, complete cds [NM_102303]
AT1G24909	10.02	0.00000666	0.00000666	0.00001261	0.00228	NM_102331	ref|Arabidopsis thaliana anthranilate synthase beta subunit 1 (ASB1) mRNA, complete cds [NM_102331]
AT1G25083	13.71	0.0000228	0.0000228	0.00000332	0.00090361	NM_102313	ref|Arabidopsis thaliana anthranilate synthase component II (AT1G24807) mRNA, complete cds [NM_102313]
AT1G25230	-2.69	0.00051993	0.00087415	0.00010239	0.01647687	NM_102332	ref|Arabidopsis thaliana purple acid phosphatase 4 (AT1G25230) mRNA, complete cds [NM_102332]
AT1G25370	3.05	0.00023791	0.00023791	0.00123308	0.04778063	NM_102347	ref|Arabidopsis thaliana uncharacterized protein (AT1G25370) mRNA, complete cds [NM_102347]
AT1G25390	3.04	0.00007926	0.00007926	0.00126227	0.04849618	NM_102350	ref|Arabidopsis thaliana protein kinase-like protein (AT1G25390) mRNA, complete cds [NM_102350]
AT1G25400	6.21	0.00005432	0.00005432	0.00009177	0.00859213	NM_102351	ref|Arabidopsis thaliana uncharacterized protein (AT1G25400) mRNA, complete cds [NM_102351]
AT1G25560	3.36	0.00739961	0.00739961	0.00111765	0.04528674	NM_102367	ref|Arabidopsis thaliana AP2/ERF and B3 domain-containing transcription factor TEM1 (TEM1) mRNA, complete cds [NM_102367]
AT1G26150	-2.17	0.00838881	0.00126404	0.00138257	0.0741637	NM_102380	ref|Arabidopsis thaliana proline-rich extensin-like receptor kinase 10 (PERK10) mRNA, complete cds [NM_102380]
AT1G26200	3.07	0.00006998	0.00006998	0.00120588	0.04717128	A_84_P7518	Unknown
AT1G26208	-2.43	0.00228073	0.00474273	0.00037373	0.03470226	DQ108779	gb|Arabidopsis thaliana clone 231852 mRNA sequence [DQ108779]
AT1G26210	-3.77	0.00041274	0.00041274	0.00000111	0.00108696	NM_102385	ref|Arabidopsis thaliana SOB five-like 1 protein (SOFL1) mRNA, complete cds [NM_102385]
AT1G26230	-2.9	0.00024535	0.00082501	0.00004113	0.01033333	NM_001198	ref|Arabidopsis thaliana TCP-1/cpn60 chaperonin-like protein (AT1G26230) mRNA, complete cds [NM_001198168]
AT1G26380	56.24	0.00000101	0.00000101	0	0	NM_102402	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26380) mRNA, complete cds [NM_102402]
AT1G26390	14.29	0.00000129	0.00000129	0.00000265	0.0007947	NM_102403	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26390) mRNA, complete cds [NM_102403]
AT1G26410	17.82	0.00000106	0.00000106	0.00000066	0.0003125	NM_102405	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26410) mRNA, complete cds [NM_102405]
AT1G26420	26.26	0.00000111	0.00000111	0	0	NM_102406	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26420) mRNA, complete cds [NM_102406]
AT1G26690	2.03	0.00161247	0.00506757	0.0077333	0.16234912	NM_102432	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT1G26690) mRNA, complete cds [NM_102432]
AT1G26761	-2.26	0.00039303	0.00039303	0.00086002	0.05702346	NM_001123	ref|Arabidopsis thaliana Arabinanase/levansucrase/invertase (AT1G26761) mRNA, complete cds [NM_001123885]
AT1G26920	-3	0.00129169	0.00129169	0.00003118	0.00886792	NM_102456	ref|Arabidopsis thaliana uncharacterized protein (AT1G26920) mRNA, complete cds [NM_102456]
AT1G27020	5.33	0.00020017	0.00020017	0.00015391	0.01236234	NM_102464	ref|Arabidopsis thaliana uncharacterized protein (AT1G27020) mRNA, complete cds [NM_102464]
AT1G27100	2.31	0.00106663	0.01640024	0.00400332	0.10362335	NM_102472	ref|Arabidopsis thaliana Actin cross-linking protein (AT1G27100) mRNA, complete cds [NM_102472]
AT1G27120	-2.52	0.00024535	0.00024535	0.00022048	0.02623684	NM_102474	ref|Arabidopsis thaliana putative beta-1,3-galactosyltransferase 17 (AT1G27120) mRNA, complete cds [NM_102474]
AT1G27130	2.29	0.00088065	0.00067661	0.00421185	0.10742245	NM_102475	ref|Arabidopsis thaliana glutathione S-transferase tau 13 (GSTU13) mRNA, complete cds [NM_102475]
AT1G27210	-2.16	0.03406553	0.01295968	0.00154843	0.08020619	NM_102483	ref|Arabidopsis thaliana armadillo/beta-catenin-like repeat-containing protein (AT1G27210) mRNA, complete cds [NM_102483]
AT1G27330	3.69	0.0003584	0.0003584	0.0006203	0.03079034	NM_102495	ref|Arabidopsis thaliana Ribosome associated membrane protein RAMP4 (AT1G27330) mRNA, complete cds [NM_102495]
AT1G27350	2.4	0.02218351	0.00397063	0.00463202	0.11489852	NM_102497	ref|Arabidopsis thaliana Ribosome associated membrane protein RAMP4 (AT1G27350) mRNA, complete cds [NM_102497]
AT1G27460	-2.32	0.01295968	0.00078528	0.00071981	0.05216346	NM_102510	ref|Arabidopsis thaliana no pollen germination related 1 protein (NPGR1) mRNA, complete cds [NM_102510]
AT1G27480	-2.36	0.01953672	0.01953672	0.00043587	0.03797688	NM_102512	ref|Arabidopsis thaliana Lecithin-cholesterol acyltransferase-like 1 (AT1G27480) mRNA, complete cds [NM_102512]
AT1G27590	-2.09	0.00264018	0.00264018	0.00233613	0.1001327	NM_102523	ref|Arabidopsis thaliana uncharacterized protein (AT1G27590) mRNA, complete cds [NM_102523]
AT1G27730	11.33	0.00024941	0.00024941	0.00000708	0.00156098	NM_102538	ref|Arabidopsis thaliana zinc finger protein STZ/ZAT10 (STZ) mRNA, complete cds [NM_102538]
AT1G27770	4.49	0.00001243	0.00001243	0.00027046	0.01795888	NM_179385	ref|Arabidopsis thaliana autoinhibited Ca2+-ATPase 1 (ACA1) mRNA, complete cds [NM_179385]
AT1G27890	2.61	0.00045182	0.00045182	0.00236599	0.07358322	NM_102554	ref|Arabidopsis thaliana putative CCR4-associated factor 1-4 (AT1G27890) mRNA, complete cds [NM_102554]
AT1G27950	-2	0.00430466	0.0180232	0.00356214	0.12623824	NM_102560	ref|Arabidopsis thaliana glycosylphosphatidylinositol-anchored lipid protein transfer 1 (LTPG1) mRNA, complete cds [NM_102560]
AT1G27980	4.03	0.00005128	0.00005128	0.00041575	0.0242268	NM_102563	ref|Arabidopsis thaliana Sphingosine-1-phosphate lyase (DPL1) mRNA, complete cds [NM_102563]
AT1G28100	-2.25	0.00030603	0.00040651	0.00091	0.05895415	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G28100) mRNA, complete cds [NM_001084145]
AT1G28190	5.71	0.00052098	0.00052098	0.00012384	0.01070746	NM_102584	ref|Arabidopsis thaliana uncharacterized protein (AT1G28190) mRNA, complete cds [NM_102584]
AT1G28370	14.63	0.00000249	0.00000249	0.00000243	0.0007483	NM_102603	ref|Arabidopsis thaliana ethylene-responsive transcription factor 11 (ERF11) mRNA, complete cds [NM_102603]
AT1G28380	2.84	0.00009818	0.00009818	0.00165635	0.05761538	NM_102605	ref|Arabidopsis thaliana MAC/Perforin domain-containing protein (NSL1) mRNA, complete cds [NM_102605]
AT1G28480	16.75	0.00000543	0.00000543	0.00000088	0.00037736	NM_102616	ref|Arabidopsis thaliana glutaredoxin-C9 (GRX480) mRNA, complete cds [NM_102616]
AT1G28610	-2.33	0.01914181	0.00033396	0.00061455	0.0472619	NM_102629	ref|Arabidopsis thaliana GDSL esterase/lipase (AT1G28610) mRNA, complete cds [NM_102629]
AT1G28660	-2	0.00460459	0.0180232	0.00265015	0.10567901	NM_102633	ref|Arabidopsis thaliana GDSL esterase/lipase (AT1G28660) mRNA, complete cds [NM_102633]
AT1G28670	-2.71	0.00094897	0.00094897	0.0000805	0.01438735	NM_102634	ref|Arabidopsis thaliana GDSL esterase/lipase (ARAB-1) mRNA, complete cds [NM_102634]
AT1G29240	2.33	0.00113143	0.00113143	0.00389385	0.10166282	NM_102664	ref|Arabidopsis thaliana uncharacterized protein (AT1G29240) mRNA, complete cds [NM_102664]
AT1G29290	7.17	0.00001483	0.00001483	0.00005617	0.00630273	NM_102669	ref|Arabidopsis thaliana uncharacterized protein (AT1G29290) mRNA, complete cds [NM_102669]
AT1G29330	2.62	0.00042733	0.00042733	0.00240137	0.0741735	NM_102673	ref|Arabidopsis thaliana ER lumen protein retaining receptor (ERD2) mRNA, complete cds [NM_102673]
AT1G29395	-4.21	0.0026614	0.0026614	0.00000155	0.00118644	NM_102679	ref|Arabidopsis thaliana cold regulated 314 inner membrane 1 (COR413IM1) mRNA, complete cds [NM_102679]
AT1G29420	-2.34	0.00017257	0.00017257	0.00058204	0.04561525	NM_102682	ref|Arabidopsis thaliana putative auxin-responsive protein (AT1G29420) mRNA, complete cds [NM_102682]
AT1G29430	-2.05	0.00200436	0.01710305	0.00257784	0.10445341	NM_102683	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29430) mRNA, complete cds [NM_102683]
AT1G29440	-3.71	0.00008599	0.00008599	0.00000155	0.00102941	NM_102684	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29440) mRNA, complete cds [NM_102684]
AT1G29450	-3.63	0.00015154	0.00015154	0.00000332	0.00197368	NM_102685	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29450) mRNA, complete cds [NM_102685]
AT1G29460	-6.4	0.00143894	0.00143894	0	0	NM_102686	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29460) mRNA, complete cds [NM_102686]
AT1G29500	-2.26	0.02097169	0.00039303	0.00095356	0.06107649	NM_102690	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29500) mRNA, complete cds [NM_102690]
AT1G29510	-2.62	0.00273392	0.00273392	0.0001851	0.02344538	NM_102691	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (SAUR68) mRNA, complete cds [NM_102691]
AT1G29690	4.1	0.00245458	0.00245458	0.00042658	0.02457325	NM_102709	ref|Arabidopsis thaliana MAC/Perforin domain-containing protein (CAD1) mRNA, complete cds [NM_102709]
AT1G29700	-2.07	0.00089248	0.018419	0.00245688	0.10192661	NM_102710	ref|Arabidopsis thaliana metallo-beta-lactamase domain-containing protein (AT1G29700) mRNA, complete cds [NM_102710]
AT1G29715	2.44	0.00457446	0.00034152	0.00347855	0.09379845	AK229773	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL21-67-K19 [AK229773]
AT1G29720	2.06	0.0114125	0.00370388	0.00763534	0.16111526	NM_102712	ref|Arabidopsis thaliana Leucine-rich repeat transmembrane protein kinase (AT1G29720) mRNA, complete cds [NM_102712]
AT1G29860	2.75	0.00005991	0.0002847	0.00188722	0.06340267	NM_102726	ref|Arabidopsis thaliana putative WRKY transcription factor 71 (WRKY71) mRNA, complete cds [NM_102726]
AT1G30220	2.17	0.00106663	0.00319914	0.00546462	0.12843555	NM_102761	ref|Arabidopsis thaliana putative inositol transporter 2 (INT2) mRNA, complete cds [NM_102761]
AT1G30360	-2.02	0.00350556	0.00341945	0.00289628	0.11146383	NM_102773	ref|Arabidopsis thaliana Early-responsive to dehydration stress protein (ERD4) (ERD4) mRNA, complete cds [NM_102773]

AT1G30370	4.2	0.00004285	0.00004285	0.00035891	0.02175603	NM_102774	ref|Arabidopsis thaliana lipase-3 domain-containing protein (AT1G30370) mRNA, complete cds [NM_102774]
AT1G30420	2.88	0.00009796	0.00009796	0.00161897	0.05657651	NM_102779	ref|Arabidopsis thaliana ABC transporter C family member 11 (MRP12) mRNA, complete cds [NM_102779]
AT1G30440	-2.25	0.0062754	0.00040651	0.00084299	0.05639053	NM_102780	ref|Arabidopsis thaliana Phototropic-responsive NPH3-like protein (AT1G30440) mRNA, complete cds [NM_102780]
AT1G30570	-2.12	0.00942826	0.01698645	0.00193764	0.09061013	NM_102794	ref|Arabidopsis thaliana hercules receptor kinase 2 (HERK2) mRNA, complete cds [NM_102794]
AT1G30620	2.76	0.00023479	0.00023479	0.00194604	0.06499261	NM_001036	ref|Arabidopsis thaliana UDP-arabinose 4-epimerase (MUR4) mRNA, complete cds [NM_001036041]
AT1G30640	2.34	0.00297385	0.00079276	0.00387218	0.10127241	NM_102801	ref|Arabidopsis thaliana Protein kinase family protein (AT1G30640) mRNA, complete cds [NM_102801]
AT1G30690	-2.23	0.00092632	0.00133724	0.00109553	0.06570292	NM_102805	ref|Arabidopsis thaliana patellin-4 (AT1G30690) mRNA, complete cds [NM_102805]
AT1G30700	9.13	0.00000121	0.00000121	0.00002012	0.00320423	NM_102806	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G30700) mRNA, complete cds [NM_102806]
AT1G30720	4.19	0.00000872	0.00000872	0.00034542	0.02128065	NM_102808	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G30720) mRNA, complete cds [NM_102808]
AT1G30730	9.88	0.00008165	0.00008165	0.00001261	0.00228916	NM_102809	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G30730) mRNA, complete cds [NM_102809]
AT1G30755	6.22	0.00002368	0.00002368	0.00009089	0.0085447	NM_102812	ref|Arabidopsis thaliana uncharacterized protein (AT1G30755) mRNA, complete cds [NM_102812]
AT1G30900	4.88	0.00001864	0.00001864	0.00021185	0.01535256	NM_102827	ref|Arabidopsis thaliana vacuolar sorting receptor 6 (VSR6) mRNA, complete cds [NM_102827]
AT1G31130	2.34	0.00311405	0.00079276	0.0042061	0.10739695	NM_102851	ref|Arabidopsis thaliana uncharacterized protein (AT1G31130) mRNA, complete cds [NM_102851]
AT1G31173	-3.55	0.00005631	0.00005631	0.00000332	0.00194805	AK119038	gb|Arabidopsis thaliana mRNA for unknown protein, complete cds, clone: RAFL21-36-I09 [AK119038]
AT1G31410	-2.1	0.00053618	0.0080778	0.00205374	0.09305611	NM_102880	ref|Arabidopsis thaliana putrescine-binding periplasmic protein-like protein (AT1G31410) mRNA, complete cds [NM_102880]
AT1G31420	-2.68	0.00642269	0.00642269	0.00011588	0.01788396	NM_102881	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (FEI1) mRNA, complete cds [NM_102881]
AT1G31540	2.97	0.0009581	0.0009581	0.00140314	0.05171149	NM_001123	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G31540) mRNA, complete cds [NM_001123924]
AT1G31550	2.55	0.00095234	0.00023842	0.00256369	0.07738985	NM_102894	ref|Arabidopsis thaliana GDSL esterase/lipase (AT1G31550) mRNA, complete cds [NM_102894]
AT1G31580	2.45	0.00014044	0.00014044	0.00307939	0.08697689	NM_102895	ref|Arabidopsis thaliana protein ECS1 (ECS1) mRNA, complete cds [NM_102895]
AT1G32060	-2.28	0.00100033	0.00104319	0.00086157	0.05695906	NM_102940	ref|Arabidopsis thaliana phosphoribulokinase (PRK) mRNA, complete cds [NM_102940]
AT1G32080	-2.12	0.01117027	0.01698645	0.00207939	0.09365538	NM_102942	ref|Arabidopsis thaliana putative membrane protein (AT1G32080) mRNA, complete cds [NM_102942]
AT1G32120	2.72	0.00046885	0.0052735	0.00206303	0.06740607	NM_102945	ref|Arabidopsis thaliana uncharacterized protein (AT1G32120) mRNA, complete cds [NM_102945]
AT1G32230	2.13	0.01304415	0.01304415	0.00684542	0.14903707	NM_102956	ref|Arabidopsis thaliana WWE protein-protein interaction domain family protein (RCD1) mRNA, complete cds [NM_102956]
AT1G32350	10.81	0.00001016	0.00001016	0.00000907	0.00183857	NM_102968	ref|Arabidopsis thaliana alternative oxidase 3 (AOX1D) mRNA, complete cds [NM_102968]
AT1G32460	2.23	0.01571792	0.00189881	0.00563866	0.13116255	NM_102981	ref|Arabidopsis thaliana uncharacterized protein (AT1G32460) mRNA, complete cds [NM_102981]
AT1G32520	-2.23	0.00112942	0.00133724	0.00106325	0.0644504	NM_102987	ref|Arabidopsis thaliana uncharacterized protein (AT1G32520) mRNA, complete cds [NM_102987]
AT1G32690	2.5	0.00438726	0.00438726	0.00329301	0.09102078	NM_103003	ref|Arabidopsis thaliana uncharacterized protein (AT1G32690) mRNA, complete cds [NM_103003]
AT1G32740	-2.12	0.00122398	0.01698645	0.00157121	0.08110731	NM_103008	ref|Arabidopsis thaliana SBP (S-ribonuclease binding protein) family protein (AT1G32740) mRNA, complete cds [NM_103008]
AT1G32780	-2.43	0.00122398	0.00474273	0.00034454	0.03336188	NM_103012	ref|Arabidopsis thaliana alcohol dehydrogenase-like 3 (AT1G32780) mRNA, complete cds [NM_103012]
AT1G32920	3.43	0.00022063	0.00002368	0.00080451	0.03612711	NM_103025	ref|Arabidopsis thaliana uncharacterized protein (AT1G32920) mRNA, complete cds [NM_103025]
AT1G32928	4.2	0.0012803	0.00004285	0.00039385	0.0235582	NM_001036	ref|Arabidopsis thaliana uncharacterized protein (AT1G32928) mRNA, complete cds [NM_001036055]
AT1G32940	2.46	0.00073081	0.00369727	0.00320787	0.08926769	NM_103027	ref|Arabidopsis thaliana Subtilase-like protein (SBT3,5) mRNA, complete cds [NM_103027]
AT1G32960	4.9	0.00000877	0.00000877	0.00020478	0.01498382	NM_103029	ref|Arabidopsis thaliana Subtilase-like protein (SBT3,3) mRNA, complete cds [NM_103029]
AT1G33030	12.03	0.00000904	0.00000904	0.00000553	0.00129534	NM_103036	ref|Arabidopsis thaliana O-methyltransferase-like protein (AT1G33030) mRNA, complete cds [NM_103036]
AT1G33110	2.09	0.0035116	0.0035116	0.0064487	0.14357952	NM_001036	ref|Arabidopsis thaliana MATE efflux family protein (AT1G33110) mRNA, complete cds [NM_001036056]
AT1G33240	-2.39	0.00106345	0.0003558	0.00037616	0.03478528	NM_103052	ref|Arabidopsis thaliana protein GT-2-like 1 (GTL1) mRNA, complete cds [NM_103052]
AT1G33420	2.82	0.0013201	0.0004452	0.00172999	0.05940015	NM_103067	ref|Arabidopsis thaliana PHD finger protein (AT1G33420) mRNA, complete cds [NM_103067]
AT1G33480	-2.03	0.00107332	0.01635287	0.00269704	0.10642234	NM_103073	ref|Arabidopsis thaliana RING-H2 finger protein ATL58 (AT1G33480) mRNA, complete cds [NM_103073]
AT1G33560	3.12	0.00004817	0.00005774	0.00110836	0.04511251	NM_103079	ref|Arabidopsis thaliana disease resistance protein ADR1 (ADR1) mRNA, complete cds [NM_103079]
AT1G33610	3.74	0.00001651	0.00001651	0.00053759	0.02816918	NM_103084	ref|Arabidopsis thaliana Leucine-rich repeat (LRR) family protein (AT1G33610) mRNA, complete cds [NM_103084]
AT1G33720	2.99	0.00005914	0.00049296	0.00133879	0.05028239	NM_103092	ref|Arabidopsis thaliana cytochrome P450, family 76, subfamily C, polypeptide 6 (CYP76C6) mRNA, complete cds [NM_103092]
AT1G33760	2.03	0.00362535	0.00506757	0.00809819	0.16721461	NM_103095	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF022 (AT1G33760) mRNA, complete cds [NM_103095]
AT1G33960	7.89	0.00002447	0.00002447	0.00003759	0.0047619	NM_103118	ref|Arabidopsis thaliana protein AIG1 (AIG1) mRNA, complete cds [NM_103118]
AT1G34130	2.1	0.0221732	0.0221732	0.0079184	0.16470561	NM_103136	ref|Arabidopsis thaliana dolichyl-diphosphooligosaccharide--protein glycosyltransferase (STT3B) mRNA, complete cds [NM_103136]
AT1G34180	2.29	0.00037974	0.00067661	0.00418686	0.1070871	NM_103141	ref|Arabidopsis thaliana NAC domain containing protein 16 (NAC016) mRNA, complete cds [NM_103141]
AT1G34190	2.11	0.01879448	0.01879448	0.0072793	0.15585701	NM_103142	ref|Arabidopsis thaliana NAC domain containing protein 17 (NAC017) mRNA, complete cds [NM_103142]
AT1G34420	6.99	0.00000543	0.00000543	0.00006192	0.00673077	NM_103165	ref|Arabidopsis thaliana leucine-rich repeat transmembrane protein kinase-like protein (AT1G34420) mRNA, complete cds [NM_103165]
AT1G34640	-2.17	0.00070965	0.00126404	0.00136732	0.07395933	NM_103187	ref|Arabidopsis thaliana peptidase (AT1G34640) mRNA, complete cds [NM_103187]
AT1G34750	3.69	0.00014262	0.0003584	0.00059	0.02981006	NM_103195	ref|Arabidopsis thaliana putative protein phosphatase 2C 10 (AT1G34750) mRNA, complete cds [NM_103195]
AT1G35210	10.2	0.00001943	0.00001943	0.00001172	0.00217213	NM_103219	ref|Arabidopsis thaliana uncharacterized protein (AT1G35210) mRNA, complete cds [NM_103219]
AT1G35230	6.29	0.0000049	0.0000049	0.00008912	0.00844864	NM_103221	ref|Arabidopsis thaliana arabinogalactan protein 5 (AGP5) mRNA, complete cds [NM_103221]
AT1G35350	2.05	0.00833407	0.02369108	0.00798629	0.16558459	NM_103232	ref|Arabidopsis thaliana phosphate transporter PHO1-8 (AT1G35350) mRNA, complete cds [NM_103232]
AT1G35513	2.41	0.0003584	0.00072694	0.00336975	0.09218391	NP221286	tc|GB|AC007887,9|AAF79366,1 F15O4,44 [NP221286]
AT1G35580	2.33	0.00666503	0.00113143	0.0046621	0.11532823	NM_179419	ref|Arabidopsis thaliana cytosolic invertase 1 (CINV1) mRNA, complete cds [NM_179419]
AT1G35710	16.73	0.00008573	0.00008573	0.00000088	0.00037383	NM_103273	ref|Arabidopsis thaliana putative leucine-rich repeat receptor-like protein (AT1G35710) mRNA, complete cds [NM_103273]
AT1G36622	11.61	0.0000011	0.0000011	0.00000708	0.00158416	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G36622) mRNA, complete cds [NM_001084200]
AT1G36640	7.22	0.00000797	0.00000797	0.00005595	0.00629353	NM_103338	ref|Arabidopsis thaliana uncharacterized protein (AT1G36640) mRNA, complete cds [NM_103338]
AT1G42550	-2.12	0.01122033	0.01698645	0.00198408	0.09127162	NM_103439	ref|Arabidopsis thaliana plastid movement impaired1 (PMI1) mRNA, complete cds [NM_103439]
AT1G42970	-2.12	0.00583775	0.01698645	0.00210681	0.09395464	NM_103456	ref|Arabidopsis thaliana glyceraldehyde-3-phosphate dehydrogenase B (GAPB) mRNA, complete cds [NM_103456]
AT1G42980	2.09	0.00068797	0.0035116	0.00623242	0.14000497	NM_103457	ref|Arabidopsis thaliana formin-like protein 12 (AT1G42980) mRNA, complete cds [NM_103457]
AT1G42990	4.53	0.00009201	0.00009201	0.0002793	0.01835756	NM_103458	ref|Arabidopsis thaliana bZIP transcription factor 60 (BZIP60) mRNA, complete cds [NM_103458]
AT1G43000	2.11	0.00277726	0.01879448	0.00623552	0.13993548	NM_103459	ref|Arabidopsis thaliana PLATZ transcription factor family protein (AT1G43000) mRNA, complete cds [NM_103459]
AT1G43910	8.77	0.00002787	0.00002787	0.00002388	0.00354098	NM_103518	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT1G43910) mRNA, complete cds [NM_103518]
AT1G44130	20.59	0.00000106	0.00000106	0.00000022	0.00014286	NM_103539	ref|Arabidopsis thaliana aspartyl protease-like protein (AT1G44130) mRNA, complete cds [NM_103539]
AT1G45145	8.03	0.00002981	0.00002981	0.00003383	0.00442197	NM_103588	ref|Arabidopsis thaliana thioredoxin H5 (TRX5) mRNA, complete cds [NM_103588]
AT1G45474	-2.13	0.00258017	0.00142272	0.00177333	0.08503712	NM_103597	ref|Arabidopsis thaliana photosystem I light harvesting complex protein 5 (LHCA5) mRNA, complete cds [NM_103597]
AT1G47480	3.12	0.00253116	0.00005774	0.00122335	0.04752577	NM_103640	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT1G47480) mRNA, complete cds [NM_103640]
AT1G47890	5.45	0.00008052	0.00008052	0.00014772	0.01205776	NM_103687	ref|Arabidopsis thaliana receptor like protein 7 (RLP7) mRNA, complete cds [NM_103687]
AT1G48210	2.26	0.00229575	0.00229575	0.00487815	0.11898058	NM_103718	ref|Arabidopsis thaliana serine/threonine protein kinase (AT1G48210) mRNA, complete cds [NM_103718]
AT1G48240	-2.07	0.00266486	0.018419	0.00195422	0.09072895	NM_103721	ref|Arabidopsis thaliana Novel plant SNARE 12 (NPSN12) mRNA, complete cds [NM_103721]
AT1G48320	3.45	0.00719755	0.00719755	0.00097081	0.04114339	NM_103729	ref|Arabidopsis thaliana thioesterase-like protein (AT1G48320) mRNA, complete cds [NM_103729]
AT1G48330	-2.14	0.02737822	0.02737822	0.00179743	0.08564805	NM_103730	ref|Arabidopsis thaliana uncharacterized protein (AT1G48330) mRNA, complete cds [NM_103730]
AT1G48745	-2.12	0.00304191	0.01698645	0.00194936	0.0907827	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G48745) mRNA, complete cds [NM_001084220]
AT1G48850	3.26	0.00029315	0.00029315	0.00097523	0.04125351	NM_103779	ref|Arabidopsis thaliana chorismate synthase (EMB1144) mRNA, complete cds [NM_103779]
AT1G49000	8.16	0.00000511	0.00000511	0.00003339	0.00437681	NM_103793	ref|Arabidopsis thaliana uncharacterized protein (AT1G49000) mRNA, complete cds [NM_103793]
AT1G49050	5.38	0.00002002	0.00002002	0.0001517	0.01225	NM_001084	ref|Arabidopsis thaliana aspartyl protease (AT1G49050) mRNA, complete cds [NM_001084222]
AT1G49320	-2.02	0.00485046	0.00341945	0.0029812	0.1131906	NM_103822	ref|Arabidopsis thaliana BURP domain-containing protein (USPL1) mRNA, complete cds [NM_103822]
AT1G49390	2.48	0.00044071	0.00362616	0.00299889	0.0859379	NM_103829	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT1G49390) mRNA, complete cds [NM_103829]
AT1G49660	-2.01	0.00094953	0.00809441	0.0031904	0.11835111	NM_103854	ref|Arabidopsis thaliana carboxyesterase 5 (CXE5) mRNA, complete cds [NM_103854]
AT1G49740	-2.04	0.00714982	0.00110793	0.00246263	0.10207149	NM_103861	ref|Arabidopsis thaliana PI-PLC X domain-containing protein (AT1G49740) mRNA, complete cds [NM_103861]
AT1G49975	-2.38	0.0038045	0.0038045	0.00048651	0.04029304	NM_103885	ref|Arabidopsis thaliana uncharacterized protein (AT1G49975) mRNA, complete cds [NM_103885]
AT1G50040	-3.57	0.00044818	0.00044818	0.00000221	0.00133333	NM_103892	ref|Arabidopsis thaliana uncharacterized protein (AT1G50040) mRNA, complete cds [NM_103892]
AT1G50290	-2.04	0.00313255	0.00110793	0.00267691	0.10618421	NM_103913	ref|Arabidopsis thaliana uncharacterized protein (AT1G50290) mRNA, complete cds [NM_103913]
AT1G50730	-2.1	0.00242246	0.0080778	0.00184785	0.08768101	NM_001198	ref|Arabidopsis thaliana uncharacterized protein (AT1G50732) mRNA, complete cds [NM_001198260]
AT1G50740	3.92	0.00008486	0.00008486	0.00046683	0.02596556	NM_103956	ref|Arabidopsis thaliana Transmembrane proteins 14C (AT1G50740) mRNA, complete cds [NM_103956]
AT1G51080	-3.58	0.00109977	0.00109977	0.0000042	0.00234568	NM_103986	ref|Arabidopsis thaliana uncharacterized protein (AT1G51080) mRNA, complete cds [NM_103986]
AT1G51430	-2.31	0.00108893	0.00109384	0.0006736	0.05043046	NM_104021	ref|Arabidopsis thaliana uncharacterized protein (AT1G51430) mRNA, complete cds [NM_104021]
AT1G51620	5.36	0.00000543	0.00000543	0.0001506	0.0122043	NM_104040	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G51620) mRNA, complete cds [NM_104040]
AT1G51660	3.62	0.00396555	0.00396555	0.00074591	0.03484504	NM_104044	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase 4 (MKK4) mRNA, complete cds [NM_104044]
AT1G51700	2.22	0.00087028	0.00087028	0.00478815	0.11729144	NM_104048	ref|Arabidopsis thaliana Dof zinc finger protein DOF1,7 (DOF1) mRNA, complete cds [NM_104048]
AT1G51760	7.12	0.00004268	0.00004268	0.00005639	0.0062963	NM_104055	ref|Arabidopsis thaliana IAA-amino acid hydrolase ILR1-like 4 (IAR3) mRNA, complete cds [NM_104055]
AT1G51780	6.29	0.00020187	0.0000049	0.00008116	0.00787554	NM_104057	ref|Arabidopsis thaliana IAA-amino acid hydrolase ILR1-like 5 (ILL5) mRNA, complete cds [NM_104057]
AT1G51790	6.73	0.00000272	0.00000272	0.00007121	0.0074023	NM_104058	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT1G51790) mRNA, complete cds [NM_104058]
AT1G51800	10.43	0.00000674	0.00000674	0.00001128	0.00217949	NM_104059	ref|Arabidopsis thaliana putative leucine-rich repeat protein kinase (AT1G51800) mRNA, complete cds [NM_104059]
AT1G51820	3.14	0.00018109	0.00214684	0.00113158	0.04544405	NM_104062	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT1G51820) mRNA, complete cds [NM_104062]
AT1G51850	6.38	0.0000376	0.0000376	0.00008116	0.00785867	NM_104065	ref|Arabidopsis thaliana Leucine-rich repeat protein kinase family protein (AT1G51850) mRNA, complete cds [NM_104065]
AT1G51860	3.68	0.00002278	0.00008151	0.00057475	0.02946712	NM_104066	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT1G51860) mRNA, complete cds [NM_104066]
AT1G51890	15.07	0.00000141	0.00000141	0.00000199	0.00064748	NM_104069	ref|Arabidopsis thaliana putative leucine-rich repeat protein kinase (AT1G51890) mRNA, complete cds [NM_104069]
AT1G51913	3.52	0.00002668	0.00002668	0.00068686	0.03290254	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G51913) mRNA, complete cds [NM_001084231]
AT1G51915	3.18	0.00003478	0.00003478	0.00102234	0.04260829	NM_104072	ref|Arabidopsis thaliana cryptdin-related protein (AT1G51915) mRNA, complete cds [NM_104072]
AT1G51920	18.16	0.00000277	0.00000277	0.00000044	0.00022222	NM_104073	ref|Arabidopsis thaliana uncharacterized protein (AT1G51920) mRNA, complete cds [NM_104073]
AT1G51940	-3.27	0.0011903	0.0011903	0.00001194	0.00509434	NM_104075	ref|Arabidopsis thaliana LysM type receptor kinase-like protein (AT1G51940) mRNA, complete cds [NM_104075]
AT1G52190	-2.26	0.02039156	0.00039303	0.0007835	0.05425727	NM_104099	ref|Arabidopsis thaliana putative peptide transporter (AT1G52190) mRNA, complete cds [NM_104099]
AT1G52200	9.55	0.00001141	0.00001141	0.00001548	0.00262172	NM_104100	ref|Arabidopsis thaliana PLAC8 family protein (AT1G52200) mRNA, complete cds [NM_104100]
AT1G52340	-2.07	0.01067167	0.018419	0.00251084	0.10293744	NM_104113	ref|Arabidopsis thaliana Xanthoxin dehydrogenase (ABA2) mRNA, complete cds [NM_104113]
AT1G52342	-2.53	0.00131048	0.00131048	0.00024281	0.02758794	NM_001123	ref|Arabidopsis thaliana uncharacterized protein (AT1G52342) mRNA, complete cds [NM_001123999]
AT1G52750	-2.48	0.00165604	0.00011455	0.0003065	0.03157175	NM_104153	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT1G52750) mRNA, complete cds [NM_104153]
AT1G52780	2.2	0.00419162	0.00111929	0.00578461	0.13325522	NM_104156	ref|Arabidopsis thaliana uncharacterized protein (AT1G52780) mRNA, complete cds [NM_104156]
AT1G52830	-2.87	0.00117525	0.00075516	0.00005661	0.01147982	NM_104161	ref|Arabidopsis thaliana auxin-responsive protein IAA6 (IAA6) mRNA, complete cds [NM_104161]
AT1G52890	2.61	0.00023375	0.00045182	0.00243211	0.07481633	NM_104167	ref|Arabidopsis thaliana NAC domain-containing protein 19 (NAC019) mRNA, complete cds [NM_104167]
AT1G52900	2.33	0.00078082	0.00113143	0.00421915	0.10754791	NM_104168	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G52900) mRNA, complete cds [NM_104168]
AT1G53310	2.03	0.00657605	0.00506757	0.00855838	0.17323635	NM_001036	ref|Arabidopsis thaliana phosphoenolpyruvate carboxylase 1 (PPC1) mRNA, complete cds [NM_001036102]
AT1G53450	-2.17	0.00242051	0.00126404	0.00143012	0.07599295	NM_104223	ref|Arabidopsis thaliana uncharacterized protein (AT1G53450) mRNA, complete cds [NM_104223]
AT1G53520	-2.5	0.00573981	0.00573981	0.00027687	0.02966825	NM_104230	ref|Arabidopsis thaliana chalcone isomerase-like protein (AT1G53520) mRNA, complete cds [NM_104230]
AT1G53540	2.44	0.00396853	0.00034152	0.00330562	0.09114634	NM_104232	ref|Arabidopsis thaliana HSP20-like chaperone (AT1G53540) mRNA, complete cds [NM_104232]
AT1G53620	2.56	0.00112942	0.00112942	0.00261654	0.07815059	NM_104240	ref|Arabidopsis thaliana uncharacterized protein (AT1G53620) mRNA, complete cds [NM_104240]
AT1G53625	7.76	0.00000543	0.00000543	0.00004113	0.00513812	NM_179473	ref|Arabidopsis thaliana uncharacterized protein (AT1G53625) mRNA, complete cds [NM_179473]
AT1G53730	-2.05	0.039165	0.01710305	0.00257983	0.10444047	NM_104251	ref|Arabidopsis thaliana STRUBBELIG-receptor family 6 (SRF6) mRNA, complete cds [NM_104251]
AT1G53980	3.01	0.00040667	0.00197991	0.00135161	0.05055418	NM_104275	ref|Arabidopsis thaliana ubiquitin-like protein (AT1G53980) mRNA, complete cds [NM_104275]

AT1G54000	2.59	0.00074879	0.00074879	0.00259752	0.07799469	NM_104277	ref|Arabidopsis thaliana GDSL esterase/lipase (AT1G54000) mRNA, complete cds [NM_104277]
AT1G54040	-2.16	0.00170622	0.01295968	0.00148939	0.07795139	NM_180632	ref|Arabidopsis thaliana epithiospecifier protein (ESP) mRNA, complete cds [NM_180632]
AT1G54050	-2.28	0.00176536	0.00104319	0.00089363	0.05822767	NM_104282	ref|Arabidopsis thaliana HSP20-like chaperone (AT1G54050) mRNA, complete cds [NM_104282]
AT1G54575	4.89	0.00004424	0.00004424	0.00021075	0.01532154	NM_202299	ref|Arabidopsis thaliana uncharacterized protein (AT1G54575) mRNA, complete cds [NM_202299]
AT1G54730	-2.11	0.01034582	0.00433068	0.00167625	0.08348018	NM_180633	ref|Arabidopsis thaliana sugar transporter ERD6-like 5 (AT1G54730) mRNA, complete cds [NM_180633]
AT1G54780	-2.52	0.00492097	0.00024535	0.00029943	0.03119816	NM_104353	ref|Arabidopsis thaliana thylakoid lumen 18,3 kDa protein (TLP18,3) mRNA, complete cds [NM_104353]
AT1G55210	2.33	0.00074982	0.00113143	0.00408337	0.10473625	NM_104394	ref|Arabidopsis thaliana Disease resistance-responsive (dirigent-like protein) family protein (AT1G55210) mRNA, complete cds [NM_104394]
AT1G55330	-5.06	0.00004549	0.00004549	0	0	NM_104409	ref|Arabidopsis thaliana arabinogalactan protein 21 (AGP21) mRNA, complete cds [NM_104409]
AT1G55360	-2.13	0.00270399	0.00142272	0.0016464	0.08309152	NM_104412	ref|Arabidopsis thaliana uncharacterized protein (AT1G55360) mRNA, complete cds [NM_104412]
AT1G55450	4.33	0.00866043	0.00866043	0.00040712	0.02400261	NM_001198	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (AT1G55450) mRNA, complete cds [NM
AT1G55675	-2.01	0.00349297	0.00809441	0.00280517	0.10963699	NM_202306	ref|Arabidopsis thaliana uncharacterized protein (AT1G55675) mRNA, complete cds [NM_202306]
AT1G55910	2.71	0.00020402	0.00020402	0.00204909	0.06714493	NM_104468	ref|Arabidopsis thaliana zinc transporter 11 (ZIP11) mRNA, complete cds [NM_104468]
AT1G55960	-2.46	0.00366616	0.00366616	0.00029943	0.03127021	NM_104474	ref|Arabidopsis thaliana putative polyketide cyclase/dehydrase and lipid transport-like protein (AT1G55960) mRNA, complete cds [NM_104474]
AT1G56060	18.7	0.00000648	0.00000648	0.00000022	0.00011905	NM_104484	ref|Arabidopsis thaliana uncharacterized protein (AT1G56060) mRNA, complete cds [NM_104484]
AT1G56120	9.9	0.00000451	0.00000451	0.00001327	0.00235294	NM_104490	ref|Arabidopsis thaliana Leucine-rich repeat transmembrane protein kinase (AT1G56120) mRNA, complete cds [NM_104490]
AT1G56240	5.92	0.0001023	0.0001023	0.00010416	0.00934524	NM_104503	ref|Arabidopsis thaliana F-box protein PP2-B13 (PP2-B13) mRNA, complete cds [NM_104503]
AT1G56250	2.15	0.00185573	0.0020554	0.00576382	0.13284404	NM_104504	ref|Arabidopsis thaliana F-box protein PP2-B14 (PP2-B14) mRNA, complete cds [NM_104504]
AT1G56340	3.09	0.0025179	0.0003012	0.00120057	0.04708586	NM_001036	ref|Arabidopsis thaliana calreticulin-1 (CRT1a) mRNA, complete cds [NM_001036122]
AT1G56510	2.71	0.00469001	0.00020402	0.00223861	0.07098878	NM_104527	ref|Arabidopsis thaliana white rust resistance 4 protein (WRR4) mRNA, complete cds [NM_104527]
AT1G56540	2.06	0.00057466	0.00370388	0.00682397	0.14878496	NM_104531	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G56540) mRNA, complete cds [NM_104531]
AT1G56550	3.92	0.00029585	0.00008486	0.00047103	0.02597561	NM_104532	ref|Arabidopsis thaliana rhamnogalacturonan II specific xylosyltransferase (RXGT1) mRNA, complete cds [NM_104532]
AT1G56660	3.88	0.02823624	0.00027406	0.00086179	0.03783495	NM_104542	ref|Arabidopsis thaliana uncharacterized protein (AT1G56660) mRNA, complete cds [NM_104542]
AT1G56720	-2.08	0.00812184	0.00099138	0.0018651	0.08822176	NM_202312	ref|Arabidopsis thaliana protein kinase (AT1G56720) mRNA, complete cds [NM_202312]
AT1G57630	31.1	0.00000158	0.00000158	0	0	NM_104560	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G57630) mRNA, complete cds [NM_104560]
AT1G58030	-2.07	0.02568511	0.018419	0.00202189	0.09207452	NM_179491	ref|Arabidopsis thaliana cationic amino acid transporter 2 (CAT2) mRNA, complete cds [NM_179491]
AT1G58225	2.7	0.00008126	0.00118503	0.00207806	0.06755572	NM_179493	ref|Arabidopsis thaliana uncharacterized protein (AT1G58225) mRNA, complete cds [NM_179493]
AT1G58270	-2.17	0.03512272	0.00126404	0.00141176	0.07528302	NM_104607	ref|Arabidopsis thaliana TRAF-like protein (ZW9) mRNA, complete cds [NM_104607]
AT1G58340	3.59	0.00124331	0.00124331	0.00068333	0.03280255	NM_104614	ref|Arabidopsis thaliana MATE efflux family protein (ZF14) mRNA, complete cds [NM_104614]
AT1G58420	9.62	0.00000737	0.00000737	0.00001548	0.00263158	NM_104622	ref|Arabidopsis thaliana uncharacterized protein (AT1G58420) mRNA, complete cds [NM_104622]
AT1G59590	4.83	0.00001619	0.00001619	0.00021738	0.0155538	NM_104652	ref|Arabidopsis thaliana protein ZCF37 (ZCF37) mRNA, complete cds [NM_104652]
AT1G59620	2.62	0.00024666	0.00042733	0.00229721	0.07233983	NM_104655	ref|Arabidopsis thaliana disease resistance (CC-NBS-LRR class) family protein (CW9) mRNA, complete cds [NM_104655]
AT1G59840	-2.25	0.00100871	0.00040651	0.00097722	0.0616318	NM_104677	ref|Arabidopsis thaliana cofactor assembly of complex C (CCB4) mRNA, complete cds [NM_104677]
AT1G59870	3.52	0.00018059	0.00002668	0.0007207	0.03398332	NM_104680	ref|Arabidopsis thaliana ABC transporter G family member 36 (PEN3) mRNA, complete cds [NM_104680]
AT1G59950	2	0.00425297	0.00202099	0.00820831	0.16894857	NM_104687	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT1G59950) mRNA, complete cds [NM_104687]
AT1G59960	2.2	0.03389799	0.00111929	0.0072782	0.15590715	NM_104688	ref|Arabidopsis thaliana putative Aldo/keto reductase (AT1G59960) mRNA, complete cds [NM_104688]
AT1G60590	-2.25	0.00493811	0.00040651	0.00095887	0.06115656	NM_104742	ref|Arabidopsis thaliana Pectin lyase-like protein (AT1G60590) mRNA, complete cds [NM_104742]
AT1G60730	4.52	0.00028669	0.00028669	0.00027112	0.01797654	NM_001198	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT1G60730) mRNA, complete cds [NM_001198345]
AT1G60790	-2	0.00297911	0.0180232	0.00357541	0.12660924	NM_104762	ref|Arabidopsis thaliana uncharacterized protein (TBL2) mRNA, complete cds [NM_104762]
AT1G61120	3.53	0.00012678	0.00047787	0.00070876	0.03359539	NM_104793	ref|Arabidopsis thaliana terpene synthase 04 (TPS04) mRNA, complete cds [NM_104793]
AT1G61250	2.56	0.00210406	0.00112942	0.00273242	0.08054759	NM_104806	ref|Arabidopsis thaliana secretory carrier-associated membrane protein 3 (SC3) mRNA, complete cds [NM_104806]
AT1G61260	2.25	0.00448106	0.00448106	0.00469593	0.11603825	NM_104807	ref|Arabidopsis thaliana uncharacterized protein (AT1G61260) mRNA, complete cds [NM_104807]
AT1G61340	5.29	0.00026158	0.00026158	0.00016409	0.01285962	NM_001198	ref|Arabidopsis thaliana F-box protein (AT1G61340) mRNA, complete cds [NM_001198350]
AT1G61360	5.36	0.00001186	0.00000543	0.00015347	0.01234875	NM_001160	ref|Arabidopsis thaliana S-like receptor protein kinase (AT1G61360) mRNA, complete cds [NM_001160966]
AT1G61370	2.01	0.00400214	0.00354347	0.00811765	0.16738714	NM_104818	ref|Arabidopsis thaliana S-locus lectin protein kinase family protein (AT1G61370) mRNA, complete cds [NM_104818]
AT1G61380	2.18	0.00151026	0.00105878	0.00565436	0.13146015	NM_104819	ref|Arabidopsis thaliana protein S-domain-1 29 (SD1-29) mRNA, complete cds [NM_104819]
AT1G61420	4.26	0.0000425	0.00019255	0.00033746	0.02096154	NM_104823	ref|Arabidopsis thaliana putative S-locus protein kinase (AT1G61420) mRNA, complete cds [NM_104823]
AT1G61470	3.13	0.00025062	0.00025062	0.00117183	0.04648246	NM_104828	ref|Arabidopsis thaliana putative CCR4-associated factor 1-5 (AT1G61470) mRNA, complete cds [NM_104828]
AT1G61480	2.89	0.00005139	0.00017249	0.0015188	0.05420679	NM_104829	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT1G61480) mRNA, complete cds [NM_104829]
AT1G61500	-2.39	0.00175446	0.0003558	0.00053273	0.04286477	NM_104831	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT1G61500) mRNA, complete cds [NM_104831]
AT1G61550	2.32	0.00035825	0.00035825	0.00401946	0.10368511	NM_104835	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT1G61550) mRNA, complete cds [NM_104835]
AT1G61560	7.16	0.00000543	0.00000543	0.00005683	0.0063145	NM_104836	ref|Arabidopsis thaliana MLO-like protein 6 (MLO6) mRNA, complete cds [NM_104836]
AT1G61610	3.39	0.0001816	0.0001816	0.00080982	0.03625743	NM_104843	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT1G61610) mRNA, complete cds [NM_104843]
AT1G61640	2.11	0.002835	0.01879448	0.00620699	0.13950298	NM_202336	ref|Arabidopsis thaliana aarF domain-containing kinase (AT1G61640) mRNA, complete cds [NM_202336]
AT1G61660	2	0.0017286	0.00202099	0.00767912	0.16158678	NM_001198	ref|Arabidopsis thaliana transcription factor bHLH112 (AT1G61660) mRNA, complete cds [NM_001198355]
AT1G61795	-2.71	0.0004648	0.00094897	0.00010482	0.01674912	NM_001084	ref|Arabidopsis thaliana PAK-box/P21-Rho-binding family protein (AT1G61795) mRNA, complete cds [NM_001084287]
AT1G61800	28.88	0.00000106	0.00000106	0	0	NM_104862	ref|Arabidopsis thaliana glucose-6-phosphate/phosphate translocator 2 (GPT2) mRNA, complete cds [NM_104862]
AT1G62030	-2.24	0.00108893	0.00194145	0.00096174	0.06125352	NM_104883	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT1G62030) mRNA, complete cds [NM_104883]
AT1G62050	-2	0.0036526	0.0180232	0.00351039	0.12518927	NM_104886	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT1G62050) mRNA, complete cds [NM_104886]
AT1G62300	9.01	0.0000254	0.0000254	0.00002034	0.00322807	NM_104910	ref|Arabidopsis thaliana WRKY transcription factor 6 (WRKY6) mRNA, complete cds [NM_104910]
AT1G62422	3.51	0.00012876	0.00012876	0.00071451	0.03383246	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT1G62422) mRNA, complete cds [NM_001084290]
AT1G62510	-13.05	0.00000128	0.00000128	0	0	NM_104930	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT1G62510) mRNA, complete cds [NM
AT1G62520	-2.09	0.00231958	0.00264018	0.00174414	0.08508091	NM_104931	ref|Arabidopsis thaliana uncharacterized protein (AT1G62520) mRNA, complete cds [NM_104931]
AT1G62770	-2.17	0.00114515	0.00126404	0.00137284	0.07408115	NM_104955	ref|Arabidopsis thaliana plant invertase/pectin methylesterase inhibitor domain-containing protein (AT1G62770) mRNA, complete cds [NM_104
AT1G62840	3.49	0.00002981	0.00002981	0.00070168	0.03343519	NM_104962	ref|Arabidopsis thaliana uncharacterized protein (AT1G62840) mRNA, complete cds [NM_104962]
AT1G63240	-2.06	0.00053618	0.00300431	0.00227687	0.09843212	NM_105003	ref|Arabidopsis thaliana uncharacterized protein (AT1G63240) mRNA, complete cds [NM_105003]
AT1G63245	3.22	0.00008368	0.00008368	0.00100133	0.04200371	NM_148623	ref|Arabidopsis thaliana CLAVATA3/ESR-related protein 14 (CLE14) mRNA, complete cds [NM_148623]
AT1G63260	-2.39	0.00157564	0.0003558	0.00047943	0.04007394	NM_105005	ref|Arabidopsis thaliana tetraspanin10 (TET10) mRNA, complete cds [NM_105005]
AT1G63720	4.4	0.00007415	0.00005594	0.00029345	0.01887624	NM_105049	ref|Arabidopsis thaliana uncharacterized protein (AT1G63720) mRNA, complete cds [NM_105049]
AT1G63750	3.01	0.00017817	0.00197991	0.0013452	0.05035596	NM_001084	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G63750) mRNA, complete cds [NM_001084299]
AT1G63840	2.15	0.00455275	0.0020554	0.00618377	0.1391194	NM_105059	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT1G63840) mRNA, complete cds [NM_105059]
AT1G63860	3.93	0.00006578	0.00006578	0.00046992	0.02594628	AK226693	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL07-56-M06 [AK226693]
AT1G64065	2.91	0.00036907	0.00036907	0.00154666	0.05507087	NM_202357	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT1G64065) mRNA, complete cds [NM_202357]
AT1G64160	3.07	0.00674631	0.00006998	0.00141597	0.05201462	NM_105089	ref|Arabidopsis thaliana Disease resistance-responsive (dirigent-like protein) family protein (AT1G64160) mRNA, complete cds [NM_105089]
AT1G64170	3.48	0.00007298	0.00036673	0.00073065	0.03427386	NM_105090	ref|Arabidopsis thaliana cation/H(+) antiporter 16 (CHX16) mRNA, complete cds [NM_105090]
AT1G64280	2.47	0.02175	0.00595416	0.00405551	0.1042581	NM_105102	ref|Arabidopsis thaliana Regulatory protein NPR1 (NPR1) mRNA, complete cds [NM_105102]
AT1G64355	-2.19	0.00181789	0.00155131	0.00098828	0.06189751	NM_001036	ref|Arabidopsis thaliana uncharacterized protein (AT1G64355) mRNA, complete cds [NM_001036153]
AT1G64380	-2.03	0.00252852	0.01635287	0.00266276	0.10608811	NM_105113	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF061 (AT1G64380) mRNA, complete cds [NM_105113]
AT1G64400	4.41	0.00000797	0.00000797	0.00028461	0.01865217	NM_105115	ref|Arabidopsis thaliana long-chain acyl-CoA synthetase (LACS3) mRNA, complete cds [NM_105115]
AT1G64405	2.89	0.00013181	0.00017249	0.00155285	0.0552044	NM_105116	ref|Arabidopsis thaliana uncharacterized protein (AT1G64405) mRNA, complete cds [NM_105116]
AT1G64610	5.03	0.00014818	0.00014818	0.00019018	0.01430948	NM_105136	ref|Arabidopsis thaliana WD40 domain-containing protein (AT1G64610) mRNA, complete cds [NM_105136]
AT1G64640	-2.75	0.00351044	0.00351044	0.00007143	0.01340249	NM_105139	ref|Arabidopsis thaliana early nodulin-like protein 8 (ENODL8) mRNA, complete cds [NM_105139]
AT1G64680	-2.04	0.00401758	0.00110793	0.00291287	0.11191164	NM_105143	ref|Arabidopsis thaliana uncharacterized protein (AT1G64680) mRNA, complete cds [NM_105143]
AT1G64710	2.63	0.00195675	0.00195675	0.00241176	0.07434219	NM_105146	ref|Arabidopsis thaliana putative alcohol dehydrogenase (AT1G64710) mRNA, complete cds [NM_105146]
AT1G64720	-2.49	0.00373274	0.00080297	0.00021937	0.02617414	NM_105147	ref|Arabidopsis thaliana Polyketide cyclase/dehydrase and lipid transport-like protein (CP5) mRNA, complete cds [NM_105147]
AT1G64780	-2.03	0.0095997	0.01635287	0.00282773	0.11004303	NM_105152	ref|Arabidopsis thaliana ammonium transporter 1;2 (AMT1;2) mRNA, complete cds [NM_105152]
AT1G65040	2.35	0.00091276	0.00055182	0.00375453	0.09899708	NM_179512	ref|Arabidopsis thaliana ubiquitin-protein ligase synoviolin (AT1G65040) mRNA, complete cds [NM_179512]
AT1G65060	-2.22	0.00128656	0.04328289	0.00117957	0.06856041	NM_179513	ref|Arabidopsis thaliana 4-coumarate--CoA ligase 3 (4CL3) mRNA, complete cds [NM_179513]
AT1G65295	-2.05	0.00857867	0.01710305	0.00270411	0.10660854	NM_105203	ref|Arabidopsis thaliana uncharacterized protein (AT1G65295) mRNA, complete cds [NM_105203]
AT1G65390	6.54	0.0000042	0.0000042	0.00007497	0.0076009	NM_202365	ref|Arabidopsis thaliana protein PHLOEM protein 2-LIKE A5 (PP2-A5) mRNA, complete cds [NM_202365]
AT1G65486	4.86	0.00007348	0.00007348	0.00021827	0.01554331	NM_001124	ref|Arabidopsis thaliana uncharacterized protein (AT1G65486) mRNA, complete cds [NM_001124079]
AT1G65500	6.92	0.00000575	0.00000575	0.00006391	0.00693046	NM_105224	ref|Arabidopsis thaliana uncharacterized protein (AT1G65500) mRNA, complete cds [NM_105224]
AT1G65520	2.02	0.00336392	0.00347273	0.0077709	0.16276054	NM_105226	ref|Arabidopsis thaliana delta(3), delta(2)-enoyl CoA isomerase 1 (ECI1) mRNA, complete cds [NM_105226]
AT1G65590	-2	0.01094061	0.0180232	0.00330142	0.12098055	NM_105233	ref|Arabidopsis thaliana beta-hexosaminidase 3 (HEXO3) mRNA, complete cds [NM_105233]
AT1G65610	3.11	0.00079007	0.0003762	0.00120898	0.04716997	NM_105234	ref|Arabidopsis thaliana endoglucanase 7 (KOR2) mRNA, complete cds [NM_105234]
AT1G65690	20.17	0.00000106	0.00000106	0.00000022	0.00013889	NM_105243	ref|Arabidopsis thaliana late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein (AT1G65690) mRNA, complete cds [NM_105243]
AT1G65790	4.21	0.00012183	0.00012183	0.0003682	0.02225936	NM_105252	ref|Arabidopsis thaliana receptor kinase 1 (RK1) mRNA, complete cds [NM_105252]
AT1G65820	2.91	0.00026486	0.00036907	0.00149867	0.05378571	NM_001160	ref|Arabidopsis thaliana glutathione S-transferase (AT1G65820) mRNA, complete cds [NM_001160979]
AT1G65845	4.44	0.00013693	0.00013693	0.00030363	0.0193653	NM_179515	ref|Arabidopsis thaliana uncharacterized protein (AT1G65845) mRNA, complete cds [NM_179515]
AT1G65970	57.36	0.00000145	0.00000145	0	0	NM_105269	ref|Arabidopsis thaliana peroxiredoxin-2C (TPX2) mRNA, complete cds [NM_105269]
AT1G65980	2.17	0.01746125	0.00319914	0.00593521	0.13527722	NM_105270	ref|Arabidopsis thaliana peroxiredoxin-2B (TPX1) mRNA, complete cds [NM_105270]
AT1G66090	17.09	0.000001	0.000001	0.00000088	0.00039216	NM_105280	ref|Arabidopsis thaliana TIR-NBS class of disease resistance protein (AT1G66090) mRNA, complete cds [NM_105280]
AT1G66100	-4.3	0.00064304	0.00064304	0.00000088	0.00105263	NM_105281	ref|Arabidopsis thaliana thionin (AT1G66100) mRNA, complete cds [NM_105281]
AT1G66130	-2.29	0.00286784	0.02837443	0.00069704	0.05141925	NM_105284	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT1G66130) mRNA, complete cds [NM_105284]
AT1G66150	-2.26	0.0018832	0.00039303	0.00086886	0.05719068	NM_105286	ref|Arabidopsis thaliana putative receptor protein kinase TMK1 (TMK1) mRNA, complete cds [NM_105286]
AT1G66160	3.85	0.00007727	0.00044236	0.00048939	0.02647129	NM_105287	ref|Arabidopsis thaliana U-box domain-containing protein 20 (CMPG1) mRNA, complete cds [NM_105287]
AT1G66200	2.28	0.00024928	0.00125043	0.00430031	0.10918585	NM_001198	ref|Arabidopsis thaliana glutamine synthetase cytosolic isozyme 1-2 (GSR2) mRNA, complete cds [NM_001198398]
AT1G66240	2.28	0.01088873	0.00125043	0.00496683	0.12010695	NM_105295	ref|Arabidopsis thaliana homolog of anti-oxidant 1 (ATX1) mRNA, complete cds [NM_105295]
AT1G66410	2.02	0.0259412	0.00347273	0.00982088	0.19019272	NM_001198	ref|Arabidopsis thaliana calmodulin 4 (CAM4) mRNA, complete cds [NM_001198401]
AT1G66430	-2.23	0.00264764	0.00133724	0.00093189	0.05985795	NM_105314	ref|Arabidopsis thaliana fructokinase (AT1G66430) mRNA, complete cds [NM_105314]
AT1G66480	2.48	0.00288491	0.00362616	0.00301504	0.08612761	NM_105319	ref|Arabidopsis thaliana plastid movement impaired 2 protein (PMI2) mRNA, complete cds [NM_105319]
AT1G66570	2.11	0.00257919	0.01879448	0.00643808	0.14348448	NM_001036	ref|Arabidopsis thaliana putative sucrose transport protein SUC7 (SUC7) mRNA, complete cds [NM_001036164]
AT1G66590	2.72	0.00399214	0.0052735	0.00234896	0.07335635	NM_179521	ref|Arabidopsis thaliana cytochrome c oxidase 19-1 (COX19-1) mRNA, complete cds [NM_179521]
AT1G66600	10.22	0.00004734	0.00004734	0.00001172	0.00216327	NM_105331	ref|Arabidopsis thaliana putative WRKY transcription factor 63 (ABO3) mRNA, complete cds [NM_105331]
AT1G66700	20.96	0.00000819	0.00000819	0.00000022	0.00014706	NM_202367	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (PXMT1) mRNA, complete cds [NM_202
AT1G66830	2.32	0.00021761	0.00035825	0.00389584	0.10165609	NM_105354	ref|Arabidopsis thaliana putative leucine-rich repeat transmembrane protein kinase (AT1G66830) mRNA, complete cds [NM_105354]
AT1G66880	9.8	0.00000181	0.00000181	0.00001371	0.0024031	NM_105359	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G66880) mRNA, complete cds [NM_105359]
AT1G66920	4.6	0.00000505	0.00000505	0.00024569	0.0168845	NM_105363	ref|Arabidopsis thaliana protein kinase-like protein (AT1G66920) mRNA, complete cds [NM_105363]
AT1G67265	-3.04	0.00197513	0.00197513	0.00002256	0.00744526	NM_001084	ref|Arabidopsis thaliana ROTUNDIFOLIA like 21 protein (RTFL21) mRNA, complete cds [NM_001084313]
AT1G67330	2.53	0.00084979	0.00084979	0.00268686	0.07972441	NM_105401	ref|Arabidopsis thaliana uncharacterized protein (AT1G67330) mRNA, complete cds [NM_105401]

AT1G67360	3.12	0.00005246	0.00005774	0.0011203	0.04535363	NM_179525	ref|Arabidopsis thaliana Rubber elongation factor protein (REF) (AT1G67360) mRNA, complete cds [NM_179525]
AT1G67400	-2.03	0.00237967	0.01635287	0.00284233	0.11023156	NM_105407	ref|Arabidopsis thaliana ELMO/CED-12 domain-containing protein (AT1G67400) mRNA, complete cds [NM_105407]
AT1G67470	3.93	0.00002236	0.00006578	0.00044737	0.02538269	NM_105414	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G67470) mRNA, complete cds [NM_105414]
AT1G67520	4.86	0.00000691	0.00007348	0.00020323	0.01491883	NM_105419	ref|Arabidopsis thaliana lectin protein kinase-like protein (AT1G67520) mRNA, complete cds [NM_105419]
AT1G67740	-2.19	0.00075069	0.00155131	0.00119925	0.06952564	NM_105442	ref|Arabidopsis thaliana photosystem II protein psbY-2 (PSBY) mRNA, complete cds [NM_105442]
AT1G67800	2.93	0.00047186	0.00432316	0.00155285	0.05516104	NM_105448	ref|Arabidopsis thaliana Copine (Calcium-dependent phospholipid-binding protein) family protein (AT1G67800) mRNA, complete cds [NM_10544
AT1G67810	13.67	0.00000216	0.00000216	0.00000332	0.00090909	NM_105449	ref|Arabidopsis thaliana sulfur E2 (SUFE2) mRNA, complete cds [NM_105449]
AT1G67850	2.98	0.00117255	0.0001524	0.00138611	0.05129296	NM_202373	ref|Arabidopsis thaliana uncharacterized protein (AT1G67850) mRNA, complete cds [NM_202373]
AT1G67900	-2.76	0.00292416	0.00292416	0.00010703	0.01698246	NM_202374	ref|Arabidopsis thaliana phototropic-responsive NPH3-like protein (AT1G67900) mRNA, complete cds [NM_202374]
AT1G67920	7.62	0.00000172	0.00000172	0.00004423	0.00537634	NM_105462	ref|Arabidopsis thaliana uncharacterized protein (AT1G67920) mRNA, complete cds [NM_105462]
AT1G67940	3	0.00344147	0.00152731	0.00138744	0.05130008	NM_105464	ref|Arabidopsis thaliana ABC transporter I family member 17 (NAP3) mRNA, complete cds [NM_105464]
AT1G67970	2.88	0.00019066	0.00009796	0.00164219	0.0572552	NM_105467	ref|Arabidopsis thaliana heat stress transcription factor A-8 (HSFA8) mRNA, complete cds [NM_105467]
AT1G67980	10.52	0.00003101	0.00003101	0.00001106	0.00214592	NM_202375	ref|Arabidopsis thaliana caffeoyl-CoA 3-O-methyltransferase (CCOAMT) mRNA, complete cds [NM_202375]
AT1G68190	-2.32	0.00093005	0.00078528	0.000659	0.04983278	NM_105490	ref|Arabidopsis thaliana putative zinc finger protein (AT1G68190) mRNA, complete cds [NM_105490]
AT1G68300	2.46	0.0023536	0.00369727	0.00333503	0.09162211	NM_105501	ref|Arabidopsis thaliana universal stress protein domain-containing protein (AT1G68300) mRNA, complete cds [NM_105501]
AT1G68390	3.35	0.00072674	0.00072674	0.00089208	0.0387512	NM_105510	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT1G68390) mRNA, complete cds [NM_10
AT1G68400	-2.03	0.00121198	0.01635287	0.00244648	0.1020572	NM_105511	ref|Arabidopsis thaliana leucine-rich repeat transmembrane protein kinase family protein (AT1G68400) mRNA, complete cds [NM_105511]
AT1G68530	-2.01	0.0138863	0.00809441	0.00368819	0.12878764	NM_179530	ref|Arabidopsis thaliana 3-ketoacyl-CoA synthase 6 (KCS6) mRNA, complete cds [NM_179530]
AT1G68550	-2.12	0.00333097	0.01698645	0.00152808	0.07942529	NM_202377	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF118 (AT1G68550) mRNA, complete cds [NM_202377]
AT1G68620	20.96	0.00000124	0.00000819	0.00000022	0.00015625	NM_105534	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT1G68620) mRNA, complete cds [NM_105534]
AT1G68780	-2.39	0.00271257	0.0003558	0.00032464	0.03247788	NM_105551	ref|Arabidopsis thaliana leucine-rich repeats-ribonuclease inhibitor domain-containing protein (AT1G68780) mRNA, complete cds [NM_105551]
AT1G68840	3.5	0.00079614	0.00079614	0.000772	0.03547764	NM_105558	ref|Arabidopsis thaliana AP2/ERF and B3 domain-containing transcription factor RAV2 (RAV2) mRNA, complete cds [NM_105558]
AT1G68870	-2.35	0.00197993	0.01888052	0.00054887	0.04377425	NM_105560	ref|Arabidopsis thaliana SOB five-like 2 protein (SOFL2) mRNA, complete cds [NM_105560]
AT1G69252	-2.19	0.00182324	0.00155131	0.00123352	0.07042929	AK226286	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL05-10-E07 [AK226286]
AT1G69270	2.05	0.00353567	0.02369108	0.00769991	0.16194884	NM_105594	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase RPK1 (RPK1) mRNA, complete cds [NM_105594]
AT1G69450	2.57	0.0115922	0.00131387	0.00304644	0.08636991	NM_105612	ref|Arabidopsis thaliana Early-responsive to dehydration stress protein (ERD4) (AT1G69450) mRNA, complete cds [NM_105612]
AT1G69490	3.46	0.00376139	0.00376139	0.00087307	0.03818182	NM_105616	ref|Arabidopsis thaliana NAC domain-containing protein 29 (NAP) mRNA, complete cds [NM_105616]
AT1G69520	3.09	0.00007287	0.0003012	0.00117736	0.04653846	NM_105619	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (AT1G69520) mRNA, complete cds [NM
AT1G69523	-3.16	0.00041979	0.00041979	0.00001084	0.0049	NM_105620	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (AT1G69523) mRNA, complete cds [NM
AT1G69690	-2.05	0.00731536	0.01710305	0.00244494	0.10218115	NM_105637	ref|Arabidopsis thaliana transcription factor TCP15 (AT1G69690) mRNA, complete cds [NM_105637]
AT1G69720	3.68	0.00001585	0.00008151	0.00057475	0.02943375	NM_001124	ref|Arabidopsis thaliana heme oxygenase 3 (HO3) mRNA, complete cds [NM_001124102]
AT1G69750	2.51	0.02841074	0.00098541	0.00392282	0.10206559	NM_105643	ref|Arabidopsis thaliana cytochrome c oxidase 19-2 (COX19-2) mRNA, complete cds [NM_105643]
AT1G69840	2.06	0.00140013	0.00370388	0.00723618	0.15508057	NM_202387	ref|Arabidopsis thaliana Hypersensitive-induced response protein 2 (AT1G69840) mRNA, complete cds [NM_202387]
AT1G69870	2.45	0.00079899	0.00014044	0.00302034	0.08611602	NM_105655	ref|Arabidopsis thaliana nitrate transporter 1,7 (NRT1,7) mRNA, complete cds [NM_105655]
AT1G69890	3.26	0.00004439	0.00029315	0.00093322	0.04	NM_105657	ref|Arabidopsis thaliana uncharacterized protein (AT1G69890) mRNA, complete cds [NM_105657]
AT1G69900	2.07	0.00201322	0.00233174	0.00701106	0.15191184	NM_105658	ref|Arabidopsis thaliana Actin cross-linking protein (AT1G69900) mRNA, complete cds [NM_105658]
AT1G69920	4	0.00142555	0.00142555	0.00046506	0.02593095	NM_105660	ref|Arabidopsis thaliana glutathione S-transferase TAU 12 (GSTU12) mRNA, complete cds [NM_105660]
AT1G69930	11.29	0.00000198	0.00000198	0.00000818	0.00175355	NM_105661	ref|Arabidopsis thaliana glutathione S-transferase TAU 11 (GSTU11) mRNA, complete cds [NM_105661]
AT1G70140	2.18	0.00064686	0.00105878	0.00532154	0.12618773	NM_105682	ref|Arabidopsis thaliana formin-like protein 8 (FH8) mRNA, complete cds [NM_105682]
AT1G70170	4.93	0.00005139	0.00005139	0.00019881	0.0147377	NM_105685	ref|Arabidopsis thaliana matrix metalloproteinase (MMP) mRNA, complete cds [NM_105685]
AT1G70310	-2.23	0.00146654	0.00133724	0.00095865	0.06122881	NM_105699	ref|Arabidopsis thaliana Spermidine synthase 2 (SPDS2) mRNA, complete cds [NM_105699]
AT1G70530	2.89	0.01226812	0.00017249	0.00177775	0.06053464	NM_105721	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 3 (CRK3) mRNA, complete cds [NM_105721]
AT1G70690	2.18	0.00111947	0.00105878	0.00527886	0.12550473	NM_105737	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 2 (HWI1) mRNA, complete cds [NM_105737]
AT1G70740	2.76	0.01271713	0.00023479	0.00237307	0.07360082	NM_105742	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G70740) mRNA, complete cds [NM_105742]
AT1G70760	-2.09	0.02116882	0.00264018	0.00167802	0.08329308	NM_105744	ref|Arabidopsis thaliana inorganic carbon transport protein-related protein (CRR23) mRNA, complete cds [NM_105744]
AT1G70810	2.58	0.0006373	0.00016115	0.00246639	0.07551117	NM_105749	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain (AT1G70810) mRNA, complete cds [NM_105749]
AT1G70830	-2.16	0.00160836	0.01295968	0.00134299	0.073523	NM_001084	ref|Arabidopsis thaliana MLP-like protein 28 (MLP28) mRNA, complete cds [NM_001084337]
AT1G70890	-2.56	0.00152347	0.00106214	0.00020787	0.02526882	NM_105756	ref|Arabidopsis thaliana MLP-like protein 43 (MLP43) mRNA, complete cds [NM_105756]
AT1G70985	-3.07	0.00040433	0.00040433	0.00001703	0.00611111	NM_105767	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT1G70985) mRNA, complete cds [NM_105767]
AT1G71040	3.45	0.00030153	0.00719755	0.00076802	0.03543878	NM_105773	ref|Arabidopsis thaliana cupredoxin-like protein (LPR2) mRNA, complete cds [NM_105773]
AT1G71100	2.53	0.00187788	0.00084979	0.0029299	0.08476647	NM_105779	ref|Arabidopsis thaliana ribose 5-phosphate isomerase A (RSW10) mRNA, complete cds [NM_105779]
AT1G71140	2.31	0.0101075	0.01640024	0.00449668	0.11246681	NM_105783	ref|Arabidopsis thaliana MATE efflux family protein (AT1G71140) mRNA, complete cds [NM_105783]
AT1G71390	3.68	0.00020756	0.00008151	0.00059045	0.02976589	NM_105808	ref|Arabidopsis thaliana receptor like protein 11 (RLP11) mRNA, complete cds [NM_105808]
AT1G71400	2.85	0.00288369	0.00288369	0.00181866	0.06169542	NM_105809	ref|Arabidopsis thaliana receptor like protein 12 (RLP12) mRNA, complete cds [NM_105809]
AT1G71480	-2.34	0.00289651	0.00017257	0.00059885	0.04652921	NM_105817	ref|Arabidopsis thaliana nuclear transport factor 2-like protein (AT1G71480) mRNA, complete cds [NM_105817]
AT1G71500	-2.14	0.00341986	0.02737822	0.00152875	0.07927752	NM_105819	ref|Arabidopsis thaliana Rieske (2Fe-2S) domain-containing protein (AT1G71500) mRNA, complete cds [NM_105819]
AT1G71520	3.84	0.00022186	0.00019017	0.00052366	0.02782609	NM_105820	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF020 (AT1G71520) mRNA, complete cds [NM_105820]
AT1G71695	-2.02	0.02570522	0.00341945	0.00293631	0.11205063	NM_105826	ref|Arabidopsis thaliana peroxidase 12 (AT1G71695) mRNA, complete cds [NM_105826]
AT1G71697	2.78	0.00008762	0.00012828	0.00183835	0.06226966	NM_105828	ref|Arabidopsis thaliana choline kinase 1 (CK1) mRNA, complete cds [NM_105828]
AT1G71790	-2.07	0.00305154	0.018419	0.0026077	0.10491103	NM_105837	ref|Arabidopsis thaliana capping protein (actin filament) muscle Z-line, beta (AT1G71790) mRNA, complete cds [NM_105837]
AT1G71880	3.27	0.00009265	0.00009265	0.00095555	0.04072573	NM_105846	ref|Arabidopsis thaliana sucrose transport protein SUC1 (SUC1) mRNA, complete cds [NM_105846]
AT1G72000	3.04	0.00005139	0.00007926	0.00124923	0.04815857	NM_105858	ref|Arabidopsis thaliana putative invertase (AT1G72000) mRNA, complete cds [NM_105858]
AT1G72030	-2.31	0.0005622	0.00109384	0.00066785	0.05008292	NM_105861	ref|Arabidopsis thaliana Acyl-CoA N-acyltransferases-like protein (AT1G72030) mRNA, complete cds [NM_105861]
AT1G72060	9.19	0.00000821	0.00000821	0.00001791	0.00289286	NM_105864	ref|Arabidopsis thaliana serine-type endopeptidase inhibitor (AT1G72060) mRNA, complete cds [NM_105864]
AT1G72120	2.18	0.00035027	0.00105878	0.0051789	0.12377907	NM_105870	ref|Arabidopsis thaliana putative peptide/nitrate transporter (AT1G72120) mRNA, complete cds [NM_105870]
AT1G72130	-2.74	0.00148776	0.00148776	0.00008647	0.01486692	NM_202400	ref|Arabidopsis thaliana putative peptide/nitrate transporter (AT1G72130) mRNA, complete cds [NM_202400]
AT1G72150	-2.24	0.00584943	0.00194145	0.00097192	0.06146853	NM_105873	ref|Arabidopsis thaliana patellin-1 (PATL1) mRNA, complete cds [NM_105873]
AT1G72160	-2.27	0.00180101	0.00180101	0.00082176	0.05562874	NM_105874	ref|Arabidopsis thaliana patellin-3 (AT1G72160) mRNA, complete cds [NM_105874]
AT1G72180	-2	0.01967418	0.0180232	0.00339385	0.12297276	NM_105877	ref|Arabidopsis thaliana leucine-rich receptor-like protein kinase (AT1G72180) mRNA, complete cds [NM_105877]
AT1G72200	-2.04	0.0154091	0.00110793	0.00238921	0.10116105	NM_105879	ref|Arabidopsis thaliana RING-H2 finger protein ATL11 (AT1G72200) mRNA, complete cds [NM_105879]
AT1G72230	-2.14	0.00055621	0.02737822	0.00148806	0.07797219	NM_105882	ref|Arabidopsis thaliana plastocyanin-like domain-containing protein (AT1G72230) mRNA, complete cds [NM_105882]
AT1G72280	5.25	0.00000691	0.00000691	0.0001621	0.01274783	NM_105887	ref|Arabidopsis thaliana endoplasmic oxidoreductin-1 (ERO1) mRNA, complete cds [NM_105887]
AT1G72430	-2.19	0.02837206	0.00155131	0.00110106	0.06594702	NM_105902	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein family (AT1G72430) mRNA, complete cds [NM_105902]
AT1G72450	2.18	0.02974948	0.00105878	0.00712318	0.15367844	NM_105904	ref|Arabidopsis thaliana protein TIFY 11B (JAZ6) mRNA, complete cds [NM_105904]
AT1G72510	-2.66	0.00051585	0.00051585	0.00012251	0.01840532	NM_105910	ref|Arabidopsis thaliana uncharacterized protein (AT1G72510) mRNA, complete cds [NM_105910]
AT1G72520	9.97	0.00001277	0.00001277	0.00001172	0.00215447	NM_105911	ref|Arabidopsis thaliana lipoxygenase 4 (AT1G72520) mRNA, complete cds [NM_105911]
AT1G72610	-2.22	0.01157363	0.04328289	0.00114463	0.06722078	NM_105920	ref|Arabidopsis thaliana germin-like protein subfamily 3 member 1 (GER1) mRNA, complete cds [NM_105920]
AT1G72640	-2.18	0.00174516	0.00094829	0.00107032	0.06461949	NM_105923	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT1G72640) mRNA, complete cds [NM_105923]
AT1G72645	-2.48	0.00460459	0.00011455	0.00030341	0.0313242	NM_202403	ref|Arabidopsis thaliana uncharacterized protein (AT1G72645) mRNA, complete cds [NM_202403]
AT1G72680	3.7	0.00114886	0.00093558	0.00061654	0.03067107	NM_105927	ref|Arabidopsis thaliana putative cinnamyl alcohol dehydrogenase 1 (CAD1) mRNA, complete cds [NM_105927]
AT1G72890	2.32	0.00111617	0.00035825	0.00422402	0.10755068	NM_105947	ref|Arabidopsis thaliana TIR-NBS class of disease resistance protein (AT1G72890) mRNA, complete cds [NM_105947]
AT1G72900	10.88	0.00010186	0.00010186	0.00000862	0.00179724	NM_105948	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72900) mRNA, complete cds [NM_105948]
AT1G72910	6.98	0.00055299	0.00055299	0.00006037	0.00665854	NM_105949	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72910) mRNA, complete cds [NM_105949]
AT1G72920	5.16	0.00005526	0.00005526	0.00017647	0.01354839	NM_105950	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72920) mRNA, complete cds [NM_105950]
AT1G72930	2.82	0.00013285	0.0004452	0.00170433	0.05883206	NM_001084	ref|Arabidopsis thaliana toll/interleukin-1 receptor-like protein (TIR) mRNA, complete cds [NM_001084347]
AT1G72940	3.03	0.00059026	0.00012828	0.00132309	0.04981682	NM_105952	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72940) mRNA, complete cds [NM_105952]
AT1G72950	3.39	0.0000479	0.0001816	0.0008169	0.03650198	NM_105953	ref|Arabidopsis thaliana TIR-NBS class of disease resistance protein (AT1G72950) mRNA, complete cds [NM_105953]
AT1G72970	-2.13	0.0073167	0.00142272	0.00190756	0.08976067	NM_105955	ref|Arabidopsis thaliana protein HOTHEAD (HTH) mRNA, complete cds [NM_105955]
AT1G73010	6.14	0.0012069	0.0012069	0.00009686	0.00892057	NM_105959	ref|Arabidopsis thaliana phosphate starvation-induced protein 2 (PS2) mRNA, complete cds [NM_105959]
AT1G73060	-2.02	0.01831564	0.00341945	0.00378992	0.13042618	NM_105964	ref|Arabidopsis thaliana low PSII accumulation 3 protein (LPA3) mRNA, complete cds [NM_105964]
AT1G73310	-2.25	0.00303626	0.00040651	0.00084564	0.05648449	NM_105990	ref|Arabidopsis thaliana serine carboxypeptidase-like 4 (scpl4) mRNA, complete cds [NM_105990]
AT1G73470	-2.11	0.00076637	0.00433068	0.00198585	0.09107505	NM_179550	ref|Arabidopsis thaliana uncharacterized protein (AT1G73470) mRNA, complete cds [NM_179550]
AT1G73500	5.19	0.00004384	0.00001337	0.0001705	0.01317949	NM_106009	ref|Arabidopsis thaliana MAP kinase kinase 9 (MKK9) mRNA, complete cds [NM_106009]
AT1G73540	4.63	0.00212688	0.00212688	0.00027466	0.0180786	NM_106012	ref|Arabidopsis thaliana nudix hydrolase 21 (NUDT21) mRNA, complete cds [NM_106012]
AT1G73660	-2.04	0.00299828	0.00110793	0.00247479	0.10220091	NM_106025	ref|Arabidopsis thaliana protein kinase-like protein (AT1G73660) mRNA, complete cds [NM_106025]
AT1G73805	14.36	0.00003017	0.00003017	0.00000199	0.00064286	NM_106040	ref|Arabidopsis thaliana calmodulin binding protein-like protein (AT1G73805) mRNA, complete cds [NM_106040]
AT1G73810	8.25	0.00001189	0.00001189	0.00003096	0.00414201	NM_106041	ref|Arabidopsis thaliana core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase-like protein (AT1G73810) mRNA, complete cds [NM_1060
AT1G73870	-2.49	0.00049927	0.00080297	0.00027687	0.02973872	NM_106047	ref|Arabidopsis thaliana zinc finger protein CONSTANS-LIKE 7 (AT1G73870) mRNA, complete cds [NM_106047]
AT1G74010	2.48	0.00219631	0.00362616	0.00322402	0.0895516	NM_106060	ref|Arabidopsis thaliana strictosidine synthase (AT1G74010) mRNA, complete cds [NM_106060]
AT1G74020	2.64	0.00408384	0.00408384	0.00228594	0.07218575	NM_106061	ref|Arabidopsis thaliana strictosidine synthase 1 (SS2) mRNA, complete cds [NM_106061]
AT1G74070	-2.2	0.00160915	0.00120547	0.00123905	0.07065574	NM_106067	ref|Arabidopsis thaliana cyclophilin-like peptidyl-prolyl cis-trans isomerase-like protein (AT1G74070) mRNA, complete cds [NM_106067]
AT1G74080	8.8	0.0000761	0.0000761	0.00002322	0.00351171	NM_106068	ref|Arabidopsis thaliana myb domain protein 122 (MYB122) mRNA, complete cds [NM_106068]
AT1G74100	5.91	0.00000428	0.00000428	0.00010482	0.00936759	NM_106070	ref|Arabidopsis thaliana sulfotransferase 16 (SOT16) mRNA, complete cds [NM_106070]
AT1G74190	2.23	0.00042206	0.00189881	0.00484896	0.11846029	NM_106079	ref|Arabidopsis thaliana receptor like protein 15 (RLP15) mRNA, complete cds [NM_106079]
AT1G74210	2.27	0.00082412	0.01618787	0.00454622	0.11326722	NM_106081	ref|Arabidopsis thaliana glycerophosphoryl diester phosphodiesterase (AT1G74210) mRNA, complete cds [NM_106081]
AT1G74360	10.72	0.00000648	0.00000648	0.00000907	0.00183036	NM_106096	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT1G74360) mRNA, complete cds [NM_106096]
AT1G74440	4	0.0033589	0.00142555	0.00045356	0.02557357	NM_106104	ref|Arabidopsis thaliana uncharacterized protein (AT1G74440) mRNA, complete cds [NM_106104]
AT1G74590	18.06	0.00000696	0.00000696	0.00000044	0.00023256	NM_106118	ref|Arabidopsis thaliana glutathione S-transferase TAU 10 (GSTU10) mRNA, complete cds [NM_106118]
AT1G74670	-5.45	0.00060246	0.00060246	0	0	NM_106125	ref|Arabidopsis thaliana putative gibberellin-regulated protein (AT1G74670) mRNA, complete cds [NM_106125]
AT1G74710	7.54	0.00000451	0.00000451	0.00004489	0.00537037	NM_202414	ref|Arabidopsis thaliana Isochorismate synthase 1 (EDS16) mRNA, complete cds [NM_202414]
AT1G74730	-2.01	0.03446196	0.00809441	0.00420765	0.13807692	NM_106131	ref|Arabidopsis thaliana uncharacterized protein (AT1G74730) mRNA, complete cds [NM_106131]
AT1G74880	-2.2	0.00206093	0.00120547	0.00120456	0.06947704	NM_106146	ref|Arabidopsis thaliana NAD(P)H:plastoquinone dehydrogenase complex subunit O (NDH-O) mRNA, complete cds [NM_106146]
AT1G74930	2.75	0.00983398	0.0002847	0.00229699	0.07238328	NM_106151	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF018 (ORA47) mRNA, complete cds [NM_106151]
AT1G75000	4.91	0.0000635	0.0000635	0.00020854	0.01520968	NM_106157	ref|Arabidopsis thaliana GNS1/SUR4 membrane-like protein (AT1G75000) mRNA, complete cds [NM_106157]
AT1G75020	3.53	0.00018382	0.00047787	0.00070257	0.03340694	NM_202415	ref|Arabidopsis thaliana lysocardiolipin and lysophospholipid acyltransferase (LPAT4) mRNA, complete cds [NM_202415]
AT1G75040	13.68	0.0000154	0.0000154	0.0000031	0.00086957	NM_106161	ref|Arabidopsis thaliana pathogenesis-related protein 5 (PR5) mRNA, complete cds [NM_106161]
AT1G75170	3.32	0.00004806	0.00043442	0.00088412	0.03844231	NM_106173	ref|Arabidopsis thaliana sec,4-like phosphatidylinositol transfer-like protein (AT1G75170) mRNA, complete cds [NM_106173]
AT1G75250	-2.44	0.00237589	0.00237589	0.00029279	0.0307907	NM_106181	ref|Arabidopsis thaliana RAD-like 6 protein (RL6) mRNA, complete cds [NM_106181]
AT1G75350	-2.19	0.01012986	0.00155131	0.00106855	0.06459893	NM_106189	ref|Arabidopsis thaliana 50S ribosomal protein L31 (emb2184) mRNA, complete cds [NM_106189]

AT1G75460	-2.06	0.02160217	0.00300431	0.00253229	0.10334838	NM_106200	ref|Arabidopsis thaliana ATP-dependent protease La domain-containing protein (AT1G75460) mRNA, complete cds [NM_106200]
AT1G75680	-2.04	0.00374959	0.00110793	0.00240557	0.10166355	NM_106219	ref|Arabidopsis thaliana endoglucanase 10 (GH9B7) mRNA, complete cds [NM_106219]
AT1G75710	-2.38	0.0023714	0.0038045	0.00046241	0.03923077	NM_106222	ref|Arabidopsis thaliana C2H2-like zinc finger protein (AT1G75710) mRNA, complete cds [NM_106222]
AT1G75750	-2.66	0.00189481	0.00051585	0.0000847	0.01484496	NM_001198	ref|Arabidopsis thaliana gibberellin-regulated protein 1 (GASA1) mRNA, complete cds [NM_001198478]
AT1G75800	-2.04	0.00251648	0.00110793	0.00302455	0.11435619	NM_106230	ref|Arabidopsis thaliana pathogenesis-related thaumatin-like protein (AT1G75800) mRNA, complete cds [NM_106230]
AT1G75830	4.2	0.00001253	0.00004285	0.00034586	0.02127891	NM_106233	ref|Arabidopsis thaliana defensin-like protein 13 (LCR67) mRNA, complete cds [NM_106233]
AT1G75840	-2.16	0.00657605	0.01295968	0.00159133	0.08167991	NM_106234	ref|Arabidopsis thaliana Rac-like GTP-binding protein ARAC5 (ARAC5) mRNA, complete cds [NM_106234]
AT1G76040	3.44	0.00097159	0.00097159	0.00083061	0.03693215	NM_202421	ref|Arabidopsis thaliana calcium-dependent protein kinase 29 (CPK29) mRNA, complete cds [NM_202421]
AT1G76070	2.08	0.00903855	0.00903855	0.00746904	0.15886642	NM_106256	ref|Arabidopsis thaliana uncharacterized protein (AT1G76070) mRNA, complete cds [NM_106256]
AT1G76080	-2.16	0.02588733	0.01295968	0.00172866	0.08496739	NM_106257	ref|Arabidopsis thaliana thioredoxin-like protein CDSP32 (CDSP32) mRNA, complete cds [NM_106257]
AT1G76090	-2.44	0.00492094	0.00237589	0.00034166	0.03336933	NM_106258	ref|Arabidopsis thaliana 24-methylenesterol C-methyltransferase 3 (SMT3) mRNA, complete cds [NM_106258]
AT1G76240	-2.61	0.0006007	0.00020115	0.00013069	0.01894231	NM_106274	ref|Arabidopsis thaliana uncharacterized protein (AT1G76240) mRNA, complete cds [NM_106274]
AT1G76590	2.38	0.00118061	0.00435732	0.00369284	0.09788394	NM_106309	ref|Arabidopsis thaliana PLATZ transcription factor domain-containing protein (AT1G76590) mRNA, complete cds [NM_106309]
AT1G76600	6.5	0.00004852	0.00004852	0.00007386	0.0076082	NM_106310	ref|Arabidopsis thaliana uncharacterized protein (AT1G76600) mRNA, complete cds [NM_106310]
AT1G76640	2.58	0.00093005	0.00016115	0.00264816	0.07899077	NM_106314	ref|Arabidopsis thaliana calcium-binding protein CML39 (AT1G76640) mRNA, complete cds [NM_106314]
AT1G76650	8.05	0.00013285	0.00013285	0.00003538	0.00457143	NM_001198	ref|Arabidopsis thaliana calcium-binding protein CML38 (CML38) mRNA, complete cds [NM_001198484]
AT1G76680	4.46	0.00020089	0.00020089	0.00030164	0.01926554	NM_106318	ref|Arabidopsis thaliana 12-oxophytodienoate reductase 1 (OPR1) mRNA, complete cds [NM_106318]
AT1G76930	3.35	0.0016459	0.00072674	0.0009467	0.04038679	NM_106344	ref|Arabidopsis thaliana extensin 4 (EXT4) mRNA, complete cds [NM_106344]
AT1G76960	8.05	0.00000147	0.00013285	0.00003538	0.00458453	NM_106347	ref|Arabidopsis thaliana uncharacterized protein (AT1G76960) mRNA, complete cds [NM_106347]
AT1G76970	3.5	0.00104876	0.00079614	0.00076957	0.03543788	NM_106348	ref|Arabidopsis thaliana Target of Myb protein 1 (AT1G76970) mRNA, complete cds [NM_106348]
AT1G77500	3.17	0.00006831	0.00006831	0.00106103	0.04389753	NM_106399	ref|Arabidopsis thaliana uncharacterized protein (AT1G77500) mRNA, complete cds [NM_106399]
AT1G77510	3.84	0.00006886	0.00019017	0.00049469	0.02669451	NM_106400	ref|Arabidopsis thaliana protein disulfide-isomerase 2 (PDIL1-2) mRNA, complete cds [NM_106400]
AT1G77660	2.36	0.00179298	0.001021	0.00401902	0.10373288	NM_106415	ref|Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase (AT1G77660) mRNA, complete cds [NM_106415]
AT1G77810	2.49	0.00465006	0.00481557	0.0033755	0.09222961	NM_202435	ref|Arabidopsis thaliana beta-1,3-galactosyltransferase 7 (AT1G77810) mRNA, complete cds [NM_202435]
AT1G77920	2.02	0.00146195	0.00347273	0.00774104	0.16236085	NM_106441	ref|Arabidopsis thaliana transcription factor TGA7 (AT1G77920) mRNA, complete cds [NM_106441]
AT1G78000	2.77	0.00034848	0.00034848	0.00187948	0.06323661	NM_106449	ref|Arabidopsis thaliana sulfate transporter 1,2 (SULTR1;2) mRNA, complete cds [NM_106449]
AT1G78060	-2.02	0.00287699	0.00341945	0.00276205	0.10832611	NM_106455	ref|Arabidopsis thaliana putative beta-D-xylosidase 7 (AT1G78060) mRNA, complete cds [NM_106455]
AT1G78100	-3.23	0.00016344	0.00016344	0.00001349	0.00525862	NM_106460	ref|Arabidopsis thaliana F-box protein (AT1G78100) mRNA, complete cds [NM_106460]
AT1G78170	-2.2	0.00834087	0.00120547	0.00098386	0.06170596	NM_106467	ref|Arabidopsis thaliana uncharacterized protein (AT1G78170) mRNA, complete cds [NM_106467]
AT1G78190	2.48	0.00028283	0.00362616	0.00302831	0.08617999	NM_106469	ref|Arabidopsis thaliana Trm1,2-like protein (AT1G78190) mRNA, complete cds [NM_106469]
AT1G78230	-2.24	0.00898572	0.00194145	0.00103693	0.06370924	NM_106473	ref|Arabidopsis thaliana Outer arm dynein light chain 1 protein (AT1G78230) mRNA, complete cds [NM_106473]
AT1G78260	-2.04	0.00916378	0.00110793	0.00254909	0.10375338	NM_202440	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT1G78260) mRNA, complete cds [NM_202440]
AT1G78410	15.81	0.00000328	0.00000328	0.00000111	0.00039683	NM_106488	ref|Arabidopsis thaliana VQ motif-containing protein (AT1G78410) mRNA, complete cds [NM_106488]
AT1G78460	2.17	0.00282955	0.00319914	0.00566962	0.13154438	NM_106493	ref|Arabidopsis thaliana SOUL heme-binding protein (AT1G78460) mRNA, complete cds [NM_106493]
AT1G78570	2.28	0.00632874	0.00125043	0.00496373	0.12009631	NM_106504	ref|Arabidopsis thaliana UDP-glucose 4,6-dehydratase (RHM1) mRNA, complete cds [NM_106504]
AT1G78630	-2.41	0.0239178	0.00109162	0.00052632	0.04257603	NM_106510	ref|Arabidopsis thaliana 50S ribosomal protein L13 (emb1473) mRNA, complete cds [NM_106510]
AT1G78680	-2	0.00256216	0.0180232	0.00348563	0.1251946	NM_001198	ref|Arabidopsis thaliana gamma-glutamyl hydrolase 2 (GGH2) mRNA, complete cds [NM_001198500]
AT1G78820	2.11	0.01355159	0.01879448	0.00697435	0.15126139	NM_106530	ref|Arabidopsis thaliana D-mannose binding lectin protein with Apple-like carbohydrate-binding domain (AT1G78820) mRNA, complete cds [NM_
AT1G78830	3.18	0.00077944	0.00003478	0.00107607	0.04435734	NM_106531	ref|Arabidopsis thaliana curculin-like (mannose-binding) lectin-like protein (AT1G78830) mRNA, complete cds [NM_106531]
AT1G78850	2.46	0.00216725	0.00369727	0.00319549	0.08908755	NM_106533	ref|Arabidopsis thaliana D-mannose binding lectin protein with Apple-like carbohydrate-binding domain (AT1G78850) mRNA, complete cds [NM_
AT1G78970	-2.31	0.00145072	0.00109384	0.00070301	0.05169106	NM_106546	ref|Arabidopsis thaliana lupeol synthase 1 (LUP1) mRNA, complete cds [NM_106546]
AT1G78995	-2.09	0.03989114	0.00264018	0.00193211	0.09053886	NM_106549	ref|Arabidopsis thaliana uncharacterized protein (AT1G78995) mRNA, complete cds [NM_106549]
AT1G79160	-2.35	0.00057466	0.01888052	0.00056546	0.04454704	NM_106567	ref|Arabidopsis thaliana uncharacterized protein (AT1G79160) mRNA, complete cds [NM_106567]
AT1G79400	2.82	0.00024984	0.0004452	0.00175984	0.06024224	NM_106588	ref|Arabidopsis thaliana cation/H(+) antiporter 2 (CHX2) mRNA, complete cds [NM_106588]
AT1G79450	3.41	0.00004195	0.00004195	0.00078638	0.03563126	NM_106593	ref|Arabidopsis thaliana ALA-interacting subunit 5 (ALIS5) mRNA, complete cds [NM_106593]
AT1G79460	-2.57	0.00133048	0.00133048	0.00020367	0.0248248	NM_106594	ref|Arabidopsis thaliana Ent-kaur-16-ene synthase (GA2) mRNA, complete cds [NM_106594]
AT1G79680	15.88	0.00000146	0.00000146	0.00000133	0.00046875	NM_106617	ref|Arabidopsis thaliana wall-associated receptor kinase-like 10 (WAKL10) mRNA, complete cds [NM_106617]
AT1G79700	-2	0.02465503	0.0180232	0.00251017	0.10309718	NM_001084	ref|Arabidopsis thaliana AP2-like ethylene-responsive transcription factor (AT1G79700) mRNA, complete cds [NM_001084380]
AT1G80610	2.15	0.00202047	0.0020554	0.00617625	0.13901941	NM_106709	ref|Arabidopsis thaliana uncharacterized protein (AT1G80610) mRNA, complete cds [NM_106709]
AT1G80820	5.02	0.00002894	0.00002894	0.0001831	0.01389262	NM_106730	ref|Arabidopsis thaliana cinnamoyl-CoA reductase (CCR2) mRNA, complete cds [NM_106730]
AT1G80840	22.44	0.00020115	0.00020115	0.00000022	0.00016949	NM_106732	ref|Arabidopsis thaliana putative WRKY transcription factor 40 (WRKY40) mRNA, complete cds [NM_106732]
AT1G80870	-2.53	0.00161493	0.00131048	0.00019217	0.02407202	NM_106735	ref|Arabidopsis thaliana protein kinase-like protein (AT1G80870) mRNA, complete cds [NM_106735]
AT2G01180	4.68	0.00004898	0.00004221	0.00024303	0.01680428	NM_201660	ref|Arabidopsis thaliana Lipid phosphate phosphatase 1 (PAP1) mRNA, complete cds [NM_201660]
AT2G01450	2	0.04916464	0.00202099	0.01063025	0.20029167	NM_126206	ref|Arabidopsis thaliana mitogen-activated protein kinase 17 (MPK17) mRNA, complete cds [NM_126206]
AT2G01540	2.25	0.02481096	0.00448106	0.00592481	0.13517659	NM_126215	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT2G01540) mRNA, complete cds [NM_126215]
AT2G01630	-2.04	0.00233143	0.00110793	0.00286732	0.11082051	NM_001084	ref|Arabidopsis thaliana glucan endo-1,3-beta-glucosidase 3 (AT2G01630) mRNA, complete cds [NM_001084397]
AT2G01650	2.04	0.00203045	0.00928674	0.00755285	0.16012189	NM_126226	ref|Arabidopsis thaliana UBX domain-containing protein 2 (PUX2) mRNA, complete cds [NM_126226]
AT2G01755	-2.22	0.0007563	0.04328289	0.00116364	0.06789677	NM_147232	ref|Arabidopsis thaliana uncharacterized protein (AT2G01755) mRNA, complete cds [NM_147232]
AT2G01850	-2.09	0.01128263	0.00264018	0.00150111	0.07838337	NM_126246	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (EXGT-A3) mRNA, complete cds [NM_126246]
AT2G01870	-2.2	0.02726928	0.00120547	0.00121782	0.07006361	NM_126248	ref|Arabidopsis thaliana uncharacterized protein (AT2G01870) mRNA, complete cds [NM_126248]
AT2G01890	-2.1	0.00149364	0.0080778	0.0021663	0.09557073	NM_126250	ref|Arabidopsis thaliana purple acid phosphatase 8 (PAP8) mRNA, complete cds [NM_126250]
AT2G01918	-2.63	0.00040092	0.00040092	0.00014485	0.01990881	NM_001035	ref|Arabidopsis thaliana oxygen evolving enhancer 3 (PsbQ)-like 3 (PQL3) mRNA, complete cds [NM_001035870]
AT2G02010	3.77	0.00017251	0.00017251	0.00053936	0.02819653	NM_126262	ref|Arabidopsis thaliana glutamate decarboxylase 4 (GAD4) mRNA, complete cds [NM_126262]
AT2G02220	3	0.00196104	0.00152731	0.00143521	0.05233871	NM_126282	ref|Arabidopsis thaliana phytosulfokin receptor 1 (PSKR1) mRNA, complete cds [NM_126282]
AT2G02360	2.06	0.02067166	0.00370388	0.00782817	0.16343029	NM_126293	ref|Arabidopsis thaliana F-box protein PP2-B10 (PP2-B10) mRNA, complete cds [NM_126293]
AT2G02370	3.3	0.00033722	0.00013104	0.00093211	0.04002849	NM_126294	ref|Arabidopsis thaliana SNARE associated Golgi protein (AT2G02370) mRNA, complete cds [NM_126294]
AT2G02390	2.15	0.0080121	0.0020554	0.00651813	0.14434378	NM_179595	ref|Arabidopsis thaliana glutathione S-transferase zeta-class 1 (GSTZ1) mRNA, complete cds [NM_179595]
AT2G02800	2.18	0.00082635	0.00105878	0.00511256	0.12271231	NM_201674	ref|Arabidopsis thaliana protein kinase 2B (APK2B) mRNA, complete cds [NM_201674]
AT2G02810	4.17	0.00007877	0.00007877	0.00037174	0.02244326	NM_126336	ref|Arabidopsis thaliana UDP-galactose transporter 1 (UTR1) mRNA, complete cds [NM_126336]
AT2G02930	9.73	0.00000238	0.00000238	0.00001393	0.00243243	NM_126346	ref|Arabidopsis thaliana glutathione S-transferase 16 (GSTF3) mRNA, complete cds [NM_126346]
AT2G03310	-2.87	0.00273016	0.00075516	0.00005949	0.01190265	NM_126382	ref|Arabidopsis thaliana uncharacterized protein (AT2G03310) mRNA, complete cds [NM_126382]
AT2G03420	-2.26	0.0003581	0.00039303	0.00082685	0.05563988	NM_126393	ref|Arabidopsis thaliana uncharacterized protein (AT2G03420) mRNA, complete cds [NM_126393]
AT2G03505	3.31	0.00059155	0.00059155	0.00094339	0.04039773	NM_147237	ref|Arabidopsis thaliana carbohydrate-binding X8 domain-containing protein (AT2G03505) mRNA, complete cds [NM_147237]
AT2G03510	2.62	0.00064146	0.00042733	0.00229146	0.07230984	NM_126401	ref|Arabidopsis thaliana SPFH/Band 7/PHB domain-containing membrane-associated protein (AT2G03510) mRNA, complete cds [NM_126401]
AT2G03550	-2.35	0.01833525	0.01888052	0.00052322	0.04247756	NM_126405	ref|Arabidopsis thaliana alpha/beta-Hydrolase-like protein (AT2G03550) mRNA, complete cds [NM_126405]
AT2G03760	3.04	0.00051605	0.00007926	0.00128483	0.0489882	NM_126423	ref|Arabidopsis thaliana flavonol sulfotransferase-like protein (SOT12) mRNA, complete cds [NM_126423]
AT2G04040	3.26	0.00051677	0.00029315	0.00099337	0.04178605	NM_126443	ref|Arabidopsis thaliana MATE efflux family protein (TX1) mRNA, complete cds [NM_126443]
AT2G04070	3.13	0.00024691	0.00025062	0.00112185	0.04533512	NM_126448	ref|Arabidopsis thaliana MATE efflux family protein (AT2G04070) mRNA, complete cds [NM_126448]
AT2G04100	3.12	0.00003453	0.00005774	0.00111234	0.04519317	NM_126451	ref|Arabidopsis thaliana MATE efflux family protein (AT2G04100) mRNA, complete cds [NM_126451]
AT2G04400	10.35	0.00000549	0.00000549	0.00001172	0.00222689	NM_126473	ref|Arabidopsis thaliana indole-3-glycerol phosphate synthase (AT2G04400) mRNA, complete cds [NM_126473]
AT2G04430	2.18	0.00099262	0.00105878	0.00540159	0.12755091	NM_126476	ref|Arabidopsis thaliana nudix hydrolase 5 (NUDT5) mRNA, complete cds [NM_126476]
AT2G04450	6.27	0.00007235	0.00007235	0.0000889	0.00844538	NM_126478	ref|Arabidopsis thaliana nudix hydrolase 6 (NUDT6) mRNA, complete cds [NM_126478]
AT2G04495	3.78	0.00052283	0.00015573	0.00055197	0.02865672	NM_147243	ref|Arabidopsis thaliana uncharacterized protein (AT2G04495) mRNA, complete cds [NM_147243]
AT2G04515	5.56	0.00012018	0.00012018	0.00013047	0.01109023	NM_147244	ref|Arabidopsis thaliana uncharacterized protein (AT2G04515) mRNA, complete cds [NM_147244]
AT2G04780	-2.17	0.00307161	0.00126404	0.0014854	0.07801394	NM_179604	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 7 (FLA7) mRNA, complete cds [NM_179604]
AT2G04790	-2.66	0.0239178	0.00051585	0.00012561	0.01862295	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT2G04790) mRNA, complete cds [NM_001084410]
AT2G05050	3.57	0.00003072	0.00003072	0.00065325	0.03172932	NM_001161	ref|Arabidopsis thaliana protein phosphatase 2C-like protein (AT2G05050) mRNA, complete cds [NM_001161023]
AT2G05070	-2.13	0.02257811	0.00142272	0.00162119	0.08227834	NM_126537	ref|Arabidopsis thaliana photosystem II light harvesting complex protein 2,2 (LHCB2,2) mRNA, complete cds [NM_126537]
AT2G05210	-2.15	0.0038045	0.0022173	0.00162008	0.0824072	NM_001124	ref|Arabidopsis thaliana OB-fold nucleic acid binding domain-containing protein (AtPOT1a) mRNA, complete cds [NM_001124798]
AT2G05310	-2.36	0.00044614	0.01953672	0.00054489	0.04361062	NM_126555	ref|Arabidopsis thaliana uncharacterized protein (AT2G05310) mRNA, complete cds [NM_126555]
AT2G05380	2.81	0.00157817	0.00157817	0.00195179	0.06499264	NM_126561	ref|Arabidopsis thaliana glycine-rich protein 3 short isoform (GRP3S) mRNA, complete cds [NM_126561]
AT2G05520	2.03	0.01213276	0.00506757	0.00811322	0.16737226	NM_126575	ref|Arabidopsis thaliana glycine-rich protein 3 (GRP-3) mRNA, complete cds [NM_126575]
AT2G05540	-2.54	0.00231397	0.00051024	0.0002322	0.02706186	NM_126577	ref|Arabidopsis thaliana glycine-rich protein (AT2G05540) mRNA, complete cds [NM_126577]
AT2G05620	-2.02	0.00143644	0.00341945	0.00319505	0.11832924	NM_126585	ref|Arabidopsis thaliana protein PROTON GRADIENT REGULATION 5 (PGR5) mRNA, complete cds [NM_126585]
AT2G05710	2.86	0.00034214	0.00011471	0.00160062	0.05615206	NM_126589	ref|Arabidopsis thaliana aconitate hydratase 2 (ACO3) mRNA, complete cds [NM_126589]
AT2G05790	-2.25	0.00306374	0.00040651	0.00088655	0.05793353	NM_126593	ref|Arabidopsis thaliana O-Glycosyl hydrolases family 17 protein (AT2G05790) mRNA, complete cds [NM_126593]
AT2G05940	4.27	0.00024691	0.00024691	0.00034962	0.02139378	NM_126607	ref|Arabidopsis thaliana kinase-like protein (AT2G05940) mRNA, complete cds [NM_126607]
AT2G05990	-2.09	0.00276186	0.00264018	0.00187019	0.08836991	NM_179609	ref|Arabidopsis thaliana enoyl-[acyl-carrier protein] reductase I (MOD1) mRNA, complete cds [NM_179609]
AT2G06050	4.45	0.00021313	0.00021313	0.00028616	0.01861871	NM_001084	ref|Arabidopsis thaliana 12-oxophytodienoate reductase 3 (OPR3) mRNA, complete cds [NM_001084415]
AT2G06850	-2.56	0.00209143	0.00106214	0.00019925	0.0244837	NM_126666	ref|Arabidopsis thaliana xyloglucan endotransglucosylase/hydrolase protein 4 (XTH4) mRNA, complete cds [NM_126666]
AT2G07774	2.07	0.00153218	0.00233174	0.00665723	0.14634905	NM_147273	ref|Arabidopsis thaliana uncharacterized protein (AT2G07774) mRNA, complete cds [NM_147273]
AT2G07815	2.04	0.00233174	0.00928674	0.00714794	0.15406578	NM_001124	ref|Arabidopsis thaliana uncharacterized protein (AT2G07815) mRNA, complete cds [NM_001124814]
AT2G10940	-2	0.00149006	0.0180232	0.0026789	0.10607706	NM_126828	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT2G10940) mRNA, complete cds [NM
AT2G11520	2.25	0.00115206	0.00448106	0.00471274	0.11626296	NM_126855	ref|Arabidopsis thaliana calmodulin-binding receptor-like cytoplasmic kinase 3 (CRCK3) mRNA, complete cds [NM_126855]
AT2G13360	-2.28	0.00068925	0.00104319	0.00077046	0.05384853	NM_126925	ref|Arabidopsis thaliana serine--glyoxylate aminotransferase (AGT) mRNA, complete cds [NM_126925]
AT2G13431	-2.36	0.00655944	0.01953672	0.0005199	0.04236036	EF182961	gb|Arabidopsis thaliana clone asmbl_5374 unknown mRNA sequence [EF182961]
AT2G13790	6.64	0.00005393	0.00005393	0.00006988	0.00731481	NM_126955	ref|Arabidopsis thaliana somatic embryogenesis receptor kinase 4 (SERK4) mRNA, complete cds [NM_126955]
AT2G13810	25.52	0.0000011	0.0000011	0	0	NM_126957	ref|Arabidopsis thaliana AGD2-like defense response protein 1 (ALD1) mRNA, complete cds [NM_126957]
AT2G14247	-4.51	0.00021587	0.00021587	0	0	NM_201723	ref|Arabidopsis thaliana uncharacterized protein (AT2G14247) mRNA, complete cds [NM_201723]
AT2G14270	2.95	0.00013979	0.00013979	0.0014467	0.05254618	AY500331	gb|Arabidopsis thaliana At2g14270 mRNA, partial sequence [AY500331]
AT2G14560	12.78	0.0000028	0.0000028	0.00000464	0.00117978	NM_127019	ref|Arabidopsis thaliana LURP1 protein (LURP1) mRNA, complete cds [NM_127019]
AT2G14610	9.57	0.00000451	0.00000451	0.00001393	0.00237736	NM_127025	ref|Arabidopsis thaliana pathogenesis-related protein 1 (PR1) mRNA, complete cds [NM_127025]
AT2G14750	2.24	0.00804159	0.00079276	0.00535161	0.12676794	NM_127039	ref|Arabidopsis thaliana Adenylyl-sulfate kinase 1 (APK) mRNA, complete cds [NM_127039]
AT2G14890	-2.18	0.01634257	0.00094829	0.00102963	0.06334694	NM_127053	ref|Arabidopsis thaliana arabinogalactan protein 9 (AGP9) mRNA, complete cds [NM_127053]
AT2G15020	-4.65	0.00369217	0.00369217	0	0	NM_127064	ref|Arabidopsis thaliana uncharacterized protein (AT2G15020) mRNA, complete cds [NM_127064]
AT2G15040	2.71	0.02225548	0.00020402	0.00289584	0.08399615	NM_001161	ref|Arabidopsis thaliana Leucine-rich repeat (LRR) family protein (AT2G15042) mRNA, complete cds [NM_001161047]
AT2G15080	3.49	0.00049349	0.00002981	0.000795	0.03587824	NM_127070	ref|Arabidopsis thaliana receptor like protein 19 (RLP19) mRNA, complete cds [NM_127070]
AT2G15220	4.48	0.00022087	0.00022087	0.00028483	0.01861272	NM_127083	ref|Arabidopsis thaliana basic secretory protein family protein (AT2G15220) mRNA, complete cds [NM_127083]
AT2G15390	14.68	0.000001	0.000001	0.00000243	0.00075862	NM_201739	ref|Arabidopsis thaliana xyloglucan fucosyltransferase (FUT4) mRNA, complete cds [NM_201739]

AT2G15480	10.36	0.00000933	0.00000933	0.00001172	0.00219917	NM_127108	ref|Arabidopsis thaliana UDP-glucosyl transferase 73B5 (UGT73B5) mRNA, complete cds [NM_127108]
AT2G15490	2.68	0.00362481	0.00362481	0.00247523	0.07573072	NM_127109	ref|Arabidopsis thaliana UDP-glycosyltransferase 73B4 (UGT73B4) mRNA, complete cds [NM_127109]
AT2G15760	2.72	0.00042666	0.0052735	0.00199934	0.06623443	NM_127138	ref|Arabidopsis thaliana uncharacterized protein (AT2G15760) mRNA, complete cds [NM_127138]
AT2G15860	2.02	0.01509324	0.00347273	0.00808536	0.16702604	NM_001161	ref|Arabidopsis thaliana uncharacterized protein (AT2G15860) mRNA, complete cds [NM_001161049]
AT2G15970	-2.12	0.0007031	0.01698645	0.00155573	0.08049199	NM_127156	ref|Arabidopsis thaliana cold regulated 413 plasma membrane 1 (COR413-PM1) mRNA, complete cds [NM_127156]
AT2G16060	3.37	0.00009816	0.00006748	0.00084675	0.03750245	NM_127165	ref|Arabidopsis thaliana non-symbiotic hemoglobin 1 (HB1) mRNA, complete cds [NM_127165]
AT2G16280	-2.07	0.0009616	0.018419	0.0020628	0.09328	NM_127184	ref|Arabidopsis thaliana 3-ketoacyl-CoA synthase 9 (KCS9) mRNA, complete cds [NM_127184]
AT2G16430	2.19	0.00994533	0.00053923	0.0058483	0.1339038	NM_179629	ref|Arabidopsis thaliana purple acid phosphatase 10 (PAP10) mRNA, complete cds [NM_179629]
AT2G16500	2.02	0.01959547	0.00347273	0.00965834	0.18784946	NM_127204	ref|Arabidopsis thaliana arginine decarboxylase 1 (ADC1) mRNA, complete cds [NM_127204]
AT2G16595	2.04	0.00115047	0.00928674	0.00739142	0.15766038	NM_127211	ref|Arabidopsis thaliana Translocon-associated protein (TRAP), alpha subunit (AT2G16595) mRNA, complete cds [NM_127211]
AT2G16800	-2.05	0.00717588	0.01710305	0.00216188	0.09565558	NM_127232	ref|Arabidopsis thaliana high-affinity nickel-transport-like protein (AT2G16800) mRNA, complete cds [NM_127232]
AT2G16900	2.48	0.00086389	0.00362616	0.00303958	0.08628374	NM_001124	ref|Arabidopsis thaliana phospholipase-like protein (AT2G16900) mRNA, complete cds [NM_001124861]
AT2G16990	-2.31	0.00060304	0.00109384	0.0007176	0.05217042	NM_001036	ref|Arabidopsis thaliana major facilitator protein (AT2G16990) mRNA, complete cds [NM_001036283]
AT2G17040	14.51	0.00000172	0.00000172	0.00000243	0.00074324	NM_127259	ref|Arabidopsis thaliana NAC domain containing protein 36 (NAC036) mRNA, complete cds [NM_127259]
AT2G17120	4.09	0.00130529	0.00130529	0.00040801	0.0239922	NM_127266	ref|Arabidopsis thaliana LysM domain-containing GPI-anchored protein 2 (LYM2) mRNA, complete cds [NM_127266]
AT2G17130	2.51	0.00140013	0.00098541	0.00295002	0.08496815	NM_127267	ref|Arabidopsis thaliana Isocitrate dehydrogenase [NAD] regulatory subunit 2 (IDH2) mRNA, complete cds [NM_127267]
AT2G17220	2.95	0.00378507	0.00013979	0.00147789	0.05333599	NM_201749	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT2G17220) mRNA, complete cds [NM_201749]
AT2G17230	-2.36	0.00128303	0.01953672	0.00048275	0.04005505	NM_127277	ref|Arabidopsis thaliana protein exordium like 5 (EXL5) mRNA, complete cds [NM_127277]
AT2G17290	2.12	0.00168897	0.00609669	0.00647523	0.14381631	NM_127284	ref|Arabidopsis thaliana Calcium-dependent protein kinase family protein (CPK6) mRNA, complete cds [NM_127284]
AT2G17300	-2.42	0.00016499	0.00016499	0.0003839	0.03528455	NM_127285	ref|Arabidopsis thaliana uncharacterized protein (AT2G17300) mRNA, complete cds [NM_127285]
AT2G17420	2.06	0.00704521	0.00370388	0.00790292	0.16461078	NM_127297	ref|Arabidopsis thaliana NADPH-dependent thioredoxin reductase A (NTRA) mRNA, complete cds [NM_127297]
AT2G17520	2	0.00840902	0.00202099	0.00886378	0.17665051	NM_127306	ref|Arabidopsis thaliana endoribonuclease/protein kinase IRE1-like protein (IRE1A) mRNA, complete cds [NM_127306]
AT2G17660	2.24	0.01200816	0.00079276	0.00550929	0.12888257	NM_127320	ref|Arabidopsis thaliana RPM1-interacting protein 4-like protein (AT2G17660) mRNA, complete cds [NM_127320]
AT2G17695	-2.3	0.00308272	0.00719695	0.00082729	0.05558692	NM_179634	ref|Arabidopsis thaliana uncharacterized protein (AT2G17695) mRNA, complete cds [NM_179634]
AT2G17705	2.55	0.00117445	0.00023842	0.0025889	0.07789088	NM_179635	ref|Arabidopsis thaliana uncharacterized protein (AT2G17705) mRNA, complete cds [NM_179635]
AT2G17720	3.48	0.00039932	0.00036673	0.00077466	0.03545547	NM_127326	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT2G17720) mRNA, complete cds [NM_127326]
AT2G17740	9.25	0.00000958	0.00000958	0.00001924	0.0030742	NM_127328	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G17740) mRNA, complete cds [NM_127328]
AT2G18050	-2.01	0.01905331	0.00809441	0.00323109	0.11937092	NM_127361	ref|Arabidopsis thaliana histone H1-3 (HIS1-3) mRNA, complete cds [NM_127361]
AT2G18160	-2.19	0.00039651	0.00155131	0.00115657	0.06774611	NM_001124	ref|Arabidopsis thaliana uncharacterized protein (CPuORF1) mRNA, complete cds [NM_001124870]
AT2G18280	-2.12	0.0021449	0.01698645	0.00198452	0.0911066	NM_179644	ref|Arabidopsis thaliana Tubby-like F-box protein 2 (TLP2) mRNA, complete cds [NM_179644]
AT2G18660	29.24	0.000001	0.000001	0	0	NM_179648	ref|Arabidopsis thaliana EG45-like domain-containing protein 2 (PNP-A) mRNA, complete cds [NM_179648]
AT2G18670	7.71	0.00002137	0.00002137	0.00004047	0.00509749	NM_127423	ref|Arabidopsis thaliana RING-H2 finger protein ATL56 (AT2G18670) mRNA, complete cds [NM_127423]
AT2G18680	9.34	0.00000143	0.00000143	0.00001659	0.00273723	NM_127423	ref|Arabidopsis thaliana RING-H2 finger protein ATL56 (AT2G18670) mRNA, complete cds [NM_127423]
AT2G18690	36.23	0.00000343	0.00000343	0	0	NM_127425	ref|Arabidopsis thaliana uncharacterized protein (AT2G18690) mRNA, complete cds [NM_127425]
AT2G18890	-2.36	0.0047323	0.01953672	0.00053826	0.04323268	NM_127445	ref|Arabidopsis thaliana protein kinase-like protein (AT2G18890) mRNA, complete cds [NM_127445]
AT2G19130	2.91	0.00019143	0.00036907	0.00149226	0.0536407	NM_127470	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT2G19130) mRNA, complete cds [NM_127470]
AT2G19160	2.06	0.01043736	0.00370388	0.00824812	0.16953636	NM_179654	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT2G19160) mRNA, complete cds [NM_17
AT2G19190	19.61	0.0000554	0.0000554	0.00000022	0.00014493	NM_127476	ref|Arabidopsis thaliana senescence-induced receptor-like serine/threonine-protein kinase (FRK1) mRNA, complete cds [NM_127476]
AT2G19780	-2.23	0.00069843	0.00133724	0.00105639	0.06429341	NM_127536	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT2G19780) mRNA, complete cds [NM_127536]
AT2G20142	10.29	0.00001184	0.00001184	0.00001172	0.00220833	NM_201758	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT2G20142) mRNA, complete cds [NM_201758]
AT2G20320	2.08	0.00277589	0.00903855	0.00672579	0.14742608	TC359428	tc|Rep: DENN domain containing protein, expressed - Oryza sativa subsp, japonica (Rice), partial (42%) [TC359428]
AT2G20560	2.36	0.00153209	0.001021	0.00371517	0.09841828	NM_127616	ref|Arabidopsis thaliana DNAJ heat shock protein-like protein (AT2G20560) mRNA, complete cds [NM_127616]
AT2G20562	3.01	0.00042983	0.00197991	0.00134343	0.05037313	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT2G20562) mRNA, complete cds [NM_001084456]
AT2G20610	3.15	0.00023767	0.00043913	0.0011088	0.04508993	NM_201760	ref|Arabidopsis thaliana superroot 1 protein (SUR1) mRNA, complete cds [NM_201760]
AT2G20630	2.01	0.00145635	0.00354347	0.0078536	0.16388556	NM_201761	ref|Arabidopsis thaliana putative protein phosphatase 2C 20 (PIA1) mRNA, complete cds [NM_201761]
AT2G20724	-2.94	0.00016339	0.00016339	0.00003494	0.00946108	DR205022	gb|132181 CERES-148 Arabidopsis thaliana cDNA clone 100035 5', mRNA sequence [DR205022]
AT2G20960	2.07	0.03182948	0.00233174	0.00869571	0.17460924	NM_127665	ref|Arabidopsis thaliana phospholipase-like protein (PEARLI 4) domain-containing protein (pEARLI4) mRNA, complete cds [NM_127665]
AT2G21050	-2.11	0.00176269	0.00433068	0.00167094	0.08330761	NM_127675	ref|Arabidopsis thaliana auxin transporter-like protein 2 (LAX2) mRNA, complete cds [NM_127675]
AT2G21140	-2.07	0.00232635	0.018419	0.00227023	0.09842761	NM_127684	ref|Arabidopsis thaliana proline-rich protein 2 (PRP2) mRNA, complete cds [NM_127684]
AT2G21330	-2.31	0.00514324	0.00109384	0.00069483	0.0514239	NM_001036	ref|Arabidopsis thaliana fructose-bisphosphate aldolase, class I (FBA1) mRNA, complete cds [NM_001036310]
AT2G21350	2.56	0.00105735	0.00112942	0.00274215	0.08072917	TC390400	Unknown
AT2G21370	-2.2	0.00169234	0.00120547	0.00132596	0.07303289	NM_127708	ref|Arabidopsis thaliana xylulose kinase-1 (XK-1) mRNA, complete cds [NM_127708]
AT2G21500	2.94	0.00012716	0.00012716	0.00144847	0.05252606	NM_179683	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT2G21500) mRNA, complete cds [NM_179683]
AT2G21830	-2.17	0.00532721	0.00126404	0.00158647	0.08170843	NM_127752	ref|Arabidopsis thaliana Cysteine/Histidine-rich C1 domain family protein (AT2G21830) mRNA, complete cds [NM_127752]
AT2G21850	2.73	0.00009991	0.00009991	0.00196329	0.06527941	NM_127754	ref|Arabidopsis thaliana Cysteine/Histidine-rich C1 domain family protein (AT2G21850) mRNA, complete cds [NM_127754]
AT2G21960	-2.05	0.00179024	0.01710305	0.00236311	0.10043233	NM_127765	ref|Arabidopsis thaliana uncharacterized protein (AT2G21960) mRNA, complete cds [NM_127765]
AT2G22122	-2	0.01035037	0.0180232	0.00271981	0.10694783	NM_201779	ref|Arabidopsis thaliana uncharacterized protein (AT2G22122) mRNA, complete cds [NM_201779]
AT2G22170	-2.01	0.0135992	0.00809441	0.00309222	0.11604149	NM_127785	ref|Arabidopsis thaliana PLAT-plant-stress domain-containing protein (AT2G22170) mRNA, complete cds [NM_127785]
AT2G22330	4.12	0.00012545	0.00012545	0.00038191	0.02290451	NM_127798	ref|Arabidopsis thaliana tryptophan N-hydroxylase 2 (CYP79B3) mRNA, complete cds [NM_127798]
AT2G22470	2.08	0.0029938	0.00903855	0.00716984	0.15431699	NM_127812	ref|Arabidopsis thaliana arabinogalactan protein 2 (AGP2) mRNA, complete cds [NM_127812]
AT2G22480	2.5	0.00091867	0.00438726	0.0030513	0.08634543	NM_179694	ref|Arabidopsis thaliana 6-phosphofructokinase 5 (PFK5) mRNA, complete cds [NM_179694]
AT2G22500	4.96	0.0001209	0.0001209	0.00020323	0.01494309	NM_127816	ref|Arabidopsis thaliana uncoupling protein 5 (UCP5) mRNA, complete cds [NM_127816]
AT2G22810	-2	0.0419262	0.0180232	0.00416984	0.1374344	NM_127846	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase (ACS4) mRNA, complete cds [NM_127846]
AT2G22860	3.36	0.00044218	0.00739961	0.00085383	0.03763158	NM_127851	ref|Arabidopsis thaliana phytosulfokine-beta (PSK2) mRNA, complete cds [NM_127851]
AT2G22880	10.49	0.00006518	0.00006518	0.00000929	0.00185022	NM_127853	ref|Arabidopsis thaliana VQ motif-containing protein (AT2G22880) mRNA, complete cds [NM_127853]
AT2G22980	-2.71	0.00039345	0.00094897	0.00009177	0.01503623	NM_001036	ref|Arabidopsis thaliana serine carboxypeptidase-like 13 (SCPL13) mRNA, complete cds [NM_001036325]
AT2G23000	-2.11	0.00792673	0.00433068	0.00218443	0.09580989	NM_127865	ref|Arabidopsis thaliana serine carboxypeptidase-like 10 (scpl10) mRNA, complete cds [NM_127865]
AT2G23130	-3.58	0.00009258	0.00109977	0.00000221	0.00135135	NM_127877	ref|Arabidopsis thaliana Lysine-rich arabinogalactan protein 17 (AGP17) mRNA, complete cds [NM_127877]
AT2G23170	4.28	0.00001943	0.00001943	0.00033083	0.02074896	NM_127881	ref|Arabidopsis thaliana indole-3-acetic acid-amido synthetase GH3,3 (GH3,3) mRNA, complete cds [NM_127881]
AT2G23200	2.09	0.00687868	0.0035116	0.00652543	0.14443465	NM_127884	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT2G23200) mRNA, complete cds [NM_127884]
AT2G23270	6.13	0.00000637	0.0002847	0.00009199	0.00859504	NM_127891	ref|Arabidopsis thaliana uncharacterized protein (AT2G23270) mRNA, complete cds [NM_127891]
AT2G23320	3.79	0.0003061	0.0003061	0.00054047	0.02822171	NM_127896	ref|Arabidopsis thaliana putative WRKY transcription factor 15 (WRKY15) mRNA, complete cds [NM_127896]
AT2G23390	-2.02	0.03348769	0.00341945	0.00340911	0.12342674	NM_127903	ref|Arabidopsis thaliana uncharacterized protein (AT2G23390) mRNA, complete cds [NM_127903]
AT2G23450	3.09	0.00196659	0.0003012	0.00120876	0.04720207	NM_179710	ref|Arabidopsis thaliana wall-associated receptor kinase-like 14 (AT2G23450) mRNA, complete cds [NM_179710]
AT2G23560	-2.05	0.0037441	0.01710305	0.00270478	0.10654181	NM_127920	ref|Arabidopsis thaliana methyl esterase 7 (MES7) mRNA, complete cds [NM_127920]
AT2G23680	5.37	0.00003324	0.00003324	0.00015414	0.01231449	NM_001124	ref|Arabidopsis thaliana cold acclimation protein WCOR413-like protein (AT2G23680) mRNA, complete cds [NM_001124901]
AT2G23690	-2.46	0.00081349	0.00366616	0.00026625	0.02943765	NM_127932	ref|Arabidopsis thaliana uncharacterized protein (AT2G23690) mRNA, complete cds [NM_127932]
AT2G23810	4.64	0.00003417	0.00003417	0.00023773	0.01646248	NM_179714	ref|Arabidopsis thaliana tetraspanin8 (TET8) mRNA, complete cds [NM_179714]
AT2G24160	6.65	0.00001472	0.00001472	0.00007209	0.00747706	AY099820	gb|Arabidopsis thaliana putative disease resistance protein (At2g24160) mRNA, complete cds [AY099820]
AT2G24180	3.46	0.0000374	0.00376139	0.00074016	0.03464803	NM_127979	ref|Arabidopsis thaliana cytochrome P450 71B6 (CYP71B6) mRNA, complete cds [NM_127979]
AT2G24200	3.64	0.00011872	0.00011872	0.00060725	0.03034254	NM_127981	ref|Arabidopsis thaliana leucine aminopeptidase 1 (AT2G24200) mRNA, complete cds [NM_127981]
AT2G24240	2.34	0.00049257	0.00079276	0.00372512	0.0984512	NM_127985	ref|Arabidopsis thaliana BTB/POZ domain with WD40/YVTN repeat-containing protein (AT2G24240) mRNA, complete cds [NM_127985]
AT2G24540	-3	0.00058965	0.00129169	0.000023	0.00748201	NM_128015	ref|Arabidopsis thaliana F-box protein AFR (AFR) mRNA, complete cds [NM_128015]
AT2G24550	3.04	0.00084231	0.00007926	0.00129876	0.0491876	NM_128016	ref|Arabidopsis thaliana uncharacterized protein (AT2G24550) mRNA, complete cds [NM_128016]
AT2G24600	13.68	0.00000106	0.0000154	0.00000332	0.0008982	NM_001202	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT2G24600) mRNA, complete cds [NM_001202663]
AT2G24850	35.41	0.00000111	0.00000111	0	0	NM_128044	ref|Arabidopsis thaliana tyrosine aminotransferase 3 (TAT3) mRNA, complete cds [NM_128044]
AT2G25000	2.89	0.00009568	0.00017249	0.00156966	0.05540984	NM_128058	ref|Arabidopsis thaliana putative WRKY transcription factor 60 (WRKY60) mRNA, complete cds [NM_128058]
AT2G25080	-2.17	0.00051337	0.00126404	0.00134874	0.07357057	NM_128065	ref|Arabidopsis thaliana phospholipid hydroperoxide glutathione peroxidase 1 (GPX1) mRNA, complete cds [NM_128065]
AT2G25110	2.11	0.00070754	0.01879448	0.00625232	0.14010406	NM_128068	ref|Arabidopsis thaliana stromal cell-derived factor 2-like protein (SDF2) mRNA, complete cds [NM_128068]
AT2G25440	6.41	0.00000249	0.00000249	0.00007784	0.00773626	NM_128101	ref|Arabidopsis thaliana receptor like protein 20 (RLP20) mRNA, complete cds [NM_128101]
AT2G25460	3.48	0.0012803	0.00036673	0.00080031	0.03600995	NM_128103	ref|Arabidopsis thaliana uncharacterized protein (AT2G25460) mRNA, complete cds [NM_128103]
AT2G25470	2.82	0.00018447	0.0004452	0.0017406	0.05971927	NM_128104	ref|Arabidopsis thaliana receptor like protein 21 (RLP21) mRNA, complete cds [NM_128104]
AT2G25480	-2.26	0.00150963	0.00039303	0.00096882	0.06135854	NM_128105	ref|Arabidopsis thaliana TPX2 (targeting protein for Xklp2) family protein (AT2G25480) mRNA, complete cds [NM_128105]
AT2G25510	4.02	0.00117255	0.00117255	0.00046019	0.02575495	NM_128108	ref|Arabidopsis thaliana uncharacterized protein (AT2G25510) mRNA, complete cds [NM_128108]
AT2G25735	6.44	0.0000235	0.0000235	0.00007851	0.00775109	NM_128133	ref|Arabidopsis thaliana uncharacterized protein (AT2G25735) mRNA, complete cds [NM_128133]
AT2G26010	15.75	0.00009116	0.00009116	0.00000088	0.00036036	NM_128160	ref|Arabidopsis thaliana defensin-like protein 14 (PDF1,3) mRNA, complete cds [NM_128160]
AT2G26020	15.54	0.00014604	0.00014604	0.00000088	0.00033613	NM_128161	ref|Arabidopsis thaliana putative defensin-like protein 15 (PDF1,2b) mRNA, complete cds [NM_128161]
AT2G26150	2.07	0.01550878	0.00233174	0.00796926	0.1653832	NM_001124	ref|Arabidopsis thaliana heat stress transcription factor A-2 (HSFA2) mRNA, complete cds [NM_001124916]
AT2G26170	2.21	0.00350233	0.00350233	0.00524878	0.12498684	NM_179743	ref|Arabidopsis thaliana cytochrome P450, family 711, subfamily A, polypeptide 1 (CYP711A1) mRNA, complete cds [NM_179743]
AT2G26190	4.44	0.00000944	0.00013693	0.00027399	0.01806122	NM_128177	ref|Arabidopsis thaliana calmodulin-binding-like protein (AT2G26190) mRNA, complete cds [NM_128177]
AT2G26390	2.15	0.00141951	0.0020554	0.00582795	0.13370878	NM_128196	ref|Arabidopsis thaliana serpin-Z3 (AT2G26390) mRNA, complete cds [NM_128196]
AT2G26400	6.12	0.00018178	0.00018178	0.00009575	0.00885481	NM_128197	ref|Arabidopsis thaliana 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase 1 (ARD3) mRNA, complete cds [NM_128197]
AT2G26440	7.19	0.00000568	0.00000568	0.00005683	0.00633005	NM_128201	ref|Arabidopsis thaliana pectinesterase 12 (AT2G26440) mRNA, complete cds [NM_128201]
AT2G26530	4.04	0.00015154	0.00015154	0.00041707	0.02424165	NM_128210	ref|Arabidopsis thaliana uncharacterized protein (AR781) mRNA, complete cds [NM_128210]
AT2G26560	18.82	0.00003275	0.00003275	0.00000022	0.00012346	NM_128213	ref|Arabidopsis thaliana phospholipase A 2A (PLA2A) mRNA, complete cds [NM_128213]
AT2G26650	2.44	0.00086774	0.00034152	0.00330252	0.09111653	NM_128222	ref|Arabidopsis thaliana Potassium channel AKT1 (KT1) mRNA, complete cds [NM_128222]
AT2G26695	-2.5	0.02331695	0.00573981	0.000272	0.02971014	NM_201808	ref|Arabidopsis thaliana Ran BP2/NZF zinc finger-like protein (AT2G26695) mRNA, complete cds [NM_201808]
AT2G27130	-2.67	0.00225255	0.00748979	0.00015789	0.02112426	NM_128271	ref|Arabidopsis thaliana xylogen-like protein 11 (AT2G27130) mRNA, complete cds [NM_128271]
AT2G27310	5.38	0.00001083	0.00002002	0.00014684	0.01202899	NM_128290	ref|Arabidopsis thaliana F-box protein (AT2G27310) mRNA, complete cds [NM_128290]
AT2G27385	-2.47	0.01066583	0.01066583	0.00027621	0.0297381	NM_179769	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT2G27385) mRNA, complete cds [NM_179769]
AT2G27402	-2.36	0.00117861	0.01953672	0.00043742	0.03803846	NM_201818	ref|Arabidopsis thaliana uncharacterized protein (AT2G27402) mRNA, complete cds [NM_201818]
AT2G27500	2.22	0.001463	0.00087028	0.00483105	0.11821429	NM_128310	ref|Arabidopsis thaliana glucan endo-1,3-beta-glucosidase 14 (AT2G27500) mRNA, complete cds [NM_128310]
AT2G27660	8.24	0.00000249	0.00000249	0.00003251	0.00431085	NM_128325	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G27660) mRNA, complete cds [NM_128325]
AT2G27690	2.76	0.00361881	0.00023479	0.0020575	0.06737147	NM_128328	ref|Arabidopsis thaliana cytochrome P450, family 94, subfamily C, polypeptide 1 (CYP94C1) mRNA, complete cds [NM_128328]
AT2G28085	2.14	0.0007031	0.00180611	0.00583414	0.13378296	NM_128368	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT2G28085) mRNA, complete cds [NM_128368]
AT2G28150	-2.04	0.00167463	0.00110793	0.00230274	0.09936069	NM_128375	ref|Arabidopsis thaliana uncharacterized protein (AT2G28150) mRNA, complete cds [NM_128375]
AT2G28210	2.48	0.00165315	0.00362616	0.00311455	0.08753263	NM_128381	ref|Arabidopsis thaliana carbonic anhydrase (ACA2) mRNA, complete cds [NM_128381]
AT2G28310	-2.05	0.00650258	0.01710305	0.00268487	0.10612762	NM_179787	ref|Arabidopsis thaliana uncharacterized protein (AT2G28310) mRNA, complete cds [NM_179787]
AT2G28400	2.69	0.00054334	0.00054334	0.00222092	0.07062588	NM_128400	ref|Arabidopsis thaliana uncharacterized protein (AT2G28400) mRNA, complete cds [NM_128400]

AT2G28470	-2.51	0.00326066	0.00326066	0.00026891	0.0294431	NM_001202	ref|Arabidopsis thaliana beta-galactosidase 8 (BGAL8) mRNA, complete cds [NM_001202695]
AT2G28630	2.13	0.00437585	0.01304415	0.00615856	0.13889776	NM_128424	ref|Arabidopsis thaliana 3-ketoacyl-CoA synthase 12 (KCS12) mRNA, complete cds [NM_128424]
AT2G28710	2.6	0.00117458	0.00117458	0.00251924	0.07655914	NM_128432	ref|Arabidopsis thaliana C2H2-type zinc finger-containing protein (AT2G28710) mRNA, complete cds [NM_128432]
AT2G28760	2.59	0.00379543	0.00074879	0.00266364	0.07940013	NM_128436	ref|Arabidopsis thaliana UDP-XYL synthase 6 (UXS6) mRNA, complete cds [NM_128436]
AT2G28890	2.16	0.00135372	0.00709441	0.00582264	0.13365482	NM_128448	ref|Arabidopsis thaliana putative protein phosphatase 2C 23 (PLL4) mRNA, complete cds [NM_128448]
AT2G28940	2.48	0.00131268	0.00362616	0.00297921	0.08542803	NM_179797	ref|Arabidopsis thaliana protein kinase family protein (AT2G28940) mRNA, complete cds [NM_179797]
AT2G29100	5.56	0.00000543	0.00012018	0.00013379	0.01124535	NM_128467	ref|Arabidopsis thaliana glutamate receptor 2,9 (GLR2,9) mRNA, complete cds [NM_128467]
AT2G29110	2.92	0.00020763	0.00020763	0.0015042	0.05389857	NM_128468	ref|Arabidopsis thaliana glutamate receptor 2,8 (GLR2,8) mRNA, complete cds [NM_128468]
AT2G29120	2.62	0.0038045	0.00042733	0.0026004	0.0780292	NM_128469	ref|Arabidopsis thaliana glutamate receptor 2,7 (GLR2,7) mRNA, complete cds [NM_128469]
AT2G29180	-2.53	0.00421484	0.00131048	0.00029965	0.03114943	NM_128474	ref|Arabidopsis thaliana uncharacterized protein (AT2G29180) mRNA, complete cds [NM_128474]
AT2G29280	-3.67	0.00007962	0.00007962	0.00000133	0.00113208	NM_128483	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29290) mRNA, complete cds [NM_128483]
AT2G29290	-3.22	0.0022883	0.0022883	0.00000818	0.00393617	NM_001124	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29290) mRNA, complete cds [NM_001124936]
AT2G29310	-3.17	0.00291337	0.00291337	0.00001261	0.00513514	NM_001202	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29310) mRNA, complete cds [NM_001202703]
AT2G29340	2.01	0.0008252	0.00354347	0.00756612	0.16025293	NM_179800	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29340) mRNA, complete cds [NM_179800]
AT2G29350	38.67	0.000001	0.000001	0	0	NM_201829	ref|Arabidopsis thaliana senescence-associated protein 13 (SAG13) mRNA, complete cds [NM_201829]
AT2G29360	-2.07	0.0024329	0.018419	0.00252322	0.10316456	NM_128490	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29360) mRNA, complete cds [NM_128490]
AT2G29460	33.37	0.000001	0.000001	0	0	NM_128500	ref|Arabidopsis thaliana glutathione S-transferase (GSTU4) mRNA, complete cds [NM_128500]
AT2G29470	5.72	0.00027506	0.00027506	0.00011787	0.01028958	NM_128501	ref|Arabidopsis thaliana glutathione S-transferase tau 3 (GSTU3) mRNA, complete cds [NM_128501]
AT2G29500	6.29	0.00005388	0.0000049	0.00008713	0.00829474	NM_128504	ref|Arabidopsis thaliana HSP20 family protein (AT2G29500) mRNA, complete cds [NM_128504]
AT2G29550	-2.22	0.01299867	0.04328289	0.00101327	0.06268126	NM_128508	ref|Arabidopsis thaliana tubulin beta (TUB7) mRNA, complete cds [NM_128508]
AT2G29630	-2.47	0.00073675	0.01066583	0.00035272	0.03379237	NM_128517	ref|Arabidopsis thaliana thiamine biosynthesis protein ThiC (THIC) mRNA, complete cds [NM_128517]
AT2G29720	7.06	0.0000025	0.0000025	0.0000586	0.0064951	NM_128526	ref|Arabidopsis thaliana CTF2B like oxidoreductase (CTF2B) mRNA, complete cds [NM_128526]
AT2G29990	5.96	0.00000543	0.00000543	0.00010283	0.00926295	NM_128553	ref|Arabidopsis thaliana NADH dehydrogenase (NDA2) mRNA, complete cds [NM_128553]
AT2G30020	4.29	0.00045182	0.00045182	0.00035095	0.02138814	NM_128557	ref|Arabidopsis thaliana putative protein phosphatase 2C 25 (AT2G30020) mRNA, complete cds [NM_128557]
AT2G30140	4.67	0.00011568	0.00011568	0.00024724	0.01693939	NM_128569	ref|Arabidopsis thaliana UDP-glucoronosyl/UDP-glucosyl transferase-like protein (AT2G30140) mRNA, complete cds [NM_128569]
AT2G30150	-2.14	0.01524829	0.02737822	0.00175033	0.08519914	NM_128570	ref|Arabidopsis thaliana UDP-glucoronosyl/UDP-glucosyl transferase family protein (AT2G30150) mRNA, complete cds [NM_128570]
AT2G30250	3.13	0.00011555	0.00025062	0.00111411	0.04522442	NM_128578	ref|Arabidopsis thaliana putative WRKY transcription factor 25 (WRKY25) mRNA, complete cds [NM_128578]
AT2G30420	-2.43	0.00207971	0.00474273	0.00034299	0.03335484	NM_179814	ref|Arabidopsis thaliana DNA binding / transcription factor (ETC2) mRNA, complete cds [NM_179814]
AT2G30490	2.09	0.00663051	0.0035116	0.00739142	0.15758604	NM_128601	ref|Arabidopsis thaliana trans-cinnamate 4-monooxygenase (C4H) mRNA, complete cds [NM_128601]
AT2G30520	-2.02	0.01258012	0.00341945	0.00264441	0.10554281	NM_001036	ref|Arabidopsis thaliana Root phototropism protein 2 (RPT2) mRNA, complete cds [NM_001036369]
AT2G30550	2.4	0.00394114	0.00397063	0.00382353	0.10052326	NM_179817	ref|Arabidopsis thaliana phospholipase A1-Igamma2 (AT2G30550) mRNA, complete cds [NM_179817]
AT2G30750	15.13	0.0000022	0.0000022	0.00000133	0.00044444	NM_128628	ref|Arabidopsis thaliana cytochrome P450 71A12 (CYP71A12) mRNA, complete cds [NM_128628]
AT2G30766	-2.51	0.01012126	0.00326066	0.00021384	0.02571809	NM_001124	ref|Arabidopsis thaliana uncharacterized protein (AT2G30766) mRNA, complete cds [NM_001124947]
AT2G30770	68.19	0.00000106	0.00000106	0	0	NM_128630	ref|Arabidopsis thaliana cytochrome P450, family 71, subfamily A, polypeptide 13 (CYP71A13) mRNA, complete cds [NM_128630]
AT2G30860	2.55	0.0004648	0.00023842	0.00266984	0.07947992	NM_001084	ref|Arabidopsis thaliana glutathione S-transferase (GSTF9) mRNA, complete cds [NM_001084514]
AT2G30870	2.97	0.00024624	0.0009581	0.00140292	0.05174551	NM_128639	ref|Arabidopsis thaliana glutathione S-transferase ERD13 (GSTF10) mRNA, complete cds [NM_128639]
AT2G30930	-2	0.0072699	0.0180232	0.00361345	0.1275566	NM_128646	ref|Arabidopsis thaliana uncharacterized protein (AT2G30930) mRNA, complete cds [NM_128646]
AT2G31020	2.86	0.00005388	0.00011471	0.00156723	0.05545383	NM_128656	ref|Arabidopsis thaliana oxysterol binding protein-related protein 1A (ORP1A) mRNA, complete cds [NM_128656]
AT2G31040	-2.91	0.01000513	0.01000513	0.00005396	0.01150943	NM_128659	ref|Arabidopsis thaliana ATP synthase protein I (AT2G31040) mRNA, complete cds [NM_128659]
AT2G31060	2.47	0.00143578	0.00595416	0.0031977	0.08909427	NM_001036	ref|Arabidopsis thaliana elongation factor-like protein (AT2G31060) mRNA, complete cds [NM_001036375]
AT2G31380	-2.33	0.00390168	0.00033396	0.00060482	0.04683219	NM_128695	ref|Arabidopsis thaliana Salt tolerance-like protein (STH) mRNA, complete cds [NM_128695]
AT2G31865	4.55	0.00002248	0.00010145	0.00025542	0.01723881	NM_201849	ref|Arabidopsis thaliana putative poly(ADP-ribose) glycohydrolase 2 (PARG2) mRNA, complete cds [NM_201849]
AT2G31880	8.31	0.00001015	0.00001015	0.00003074	0.00414925	NM_128746	ref|Arabidopsis thaliana putative leucine-rich repeat transmembrane protein kinase (SOBIR1) mRNA, complete cds [NM_128746]
AT2G31945	4.34	0.00017303	0.00017303	0.00033127	0.02074792	NM_128753	ref|Arabidopsis thaliana uncharacterized protein (AT2G31945) mRNA, complete cds [NM_128753]
AT2G31955	2.6	0.02607511	0.00117458	0.00343034	0.09316517	NM_001202	ref|Arabidopsis thaliana Molybdopterin biosynthesis protein CNX2 (CNX2) mRNA, complete cds [NM_001202723]
AT2G31990	2.74	0.0001347	0.0001347	0.00200177	0.066218	NM_128759	ref|Arabidopsis thaliana exostosin-like protein (AT2G31990) mRNA, complete cds [NM_128759]
AT2G32030	8.1	0.00000637	0.00000637	0.00003538	0.00454545	NM_128763	ref|Arabidopsis thaliana GCN5-related N-acetyltransferase-like protein (AT2G32030) mRNA, complete cds [NM_128763]
AT2G32090	-2.85	0.00112942	0.00112942	0.00005529	0.01157407	NM_128769	ref|Arabidopsis thaliana lactoylglutathione lyase / glyoxalase I-like protein (AT2G32090) mRNA, complete cds [NM_128769]
AT2G32100	-5.22	0.00021594	0.00021594	0	0	NM_128770	ref|Arabidopsis thaliana ovate family protein 16 (OFP16) mRNA, complete cds [NM_128770]
AT2G32130	2.4	0.0012105	0.00397063	0.0035628	0.09533136	NM_128772	ref|Arabidopsis thaliana uncharacterized protein (AT2G32130) mRNA, complete cds [NM_128772]
AT2G32140	5.34	0.00001666	0.00001666	0.00015126	0.01223614	NM_128773	ref|Arabidopsis thaliana transmembrane receptor protein (AT2G32140) mRNA, complete cds [NM_128773]
AT2G32150	-2.24	0.00033801	0.00194145	0.00090071	0.05852011	NM_128774	ref|Arabidopsis thaliana haloacid dehalogenase-like hydrolase domain-containing protein (AT2G32150) mRNA, complete cds [NM_128774]
AT2G32160	3.08	0.0079607	0.0079607	0.00138545	0.05139459	NM_179853	ref|Arabidopsis thaliana N2227-like domain-containing protein (AT2G32160) mRNA, complete cds [NM_179853]
AT2G32190	6.25	0.00008665	0.00008665	0.00009	0.00849687	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT2G32190) mRNA, complete cds [NM_001084521]
AT2G32200	5.75	0.000015	0.000015	0.00012141	0.01057803	NM_128779	ref|Arabidopsis thaliana uncharacterized protein (AT2G32200) mRNA, complete cds [NM_128779]
AT2G32210	2.91	0.00022502	0.00036907	0.00146019	0.05290865	NM_128780	ref|Arabidopsis thaliana uncharacterized protein (AT2G32210) mRNA, complete cds [NM_128780]
AT2G32240	2.46	0.00092016	0.00369727	0.0032249	0.08952118	NM_128783	ref|Arabidopsis thaliana uncharacterized protein (AT2G32240) mRNA, complete cds [NM_128783]
AT2G32500	-2.05	0.00715719	0.01710305	0.00241044	0.10158434	NM_128809	ref|Arabidopsis thaliana Stress responsive alpha-beta barrel domain protein (AT2G32500) mRNA, complete cds [NM_128809]
AT2G32560	-2.13	0.00158144	0.00142272	0.00176824	0.08506383	NM_179860	ref|Arabidopsis thaliana F-box protein (AT2G32560) mRNA, complete cds [NM_179860]
AT2G32680	14.09	0.00000176	0.00000176	0.00000287	0.00083333	NM_128827	ref|Arabidopsis thaliana receptor like protein 23 (RLP23) mRNA, complete cds [NM_128827]
AT2G32870	-2.13	0.04248436	0.00142272	0.001705	0.0842623	NM_128847	ref|Arabidopsis thaliana TRAF-like family protein (AT2G32870) mRNA, complete cds [NM_128847]
AT2G33080	2.21	0.00095583	0.00350233	0.00507276	0.12188629	NM_128868	ref|Arabidopsis thaliana receptor like protein 28 (RLP28) mRNA, complete cds [NM_128868]
AT2G33110	2.27	0.00037962	0.01618787	0.00433193	0.10949693	NM_179870	ref|Arabidopsis thaliana vesicle-associated membrane protein 723 (VAMP723) mRNA, complete cds [NM_179870]
AT2G33120	2.49	0.00047314	0.00481557	0.00290889	0.08432051	NM_128872	ref|Arabidopsis thaliana vesicle-associated membrane protein 722 (SAR1) mRNA, complete cds [NM_128872]
AT2G33130	2.65	0.00013285	0.00025475	0.0022448	0.07103569	NM_128873	ref|Arabidopsis thaliana protein ralf-like 18 (RALFL18) mRNA, complete cds [NM_128873]
AT2G33210	2.21	0.00064686	0.00350233	0.00491154	0.11947283	NM_179872	ref|Arabidopsis thaliana chaperonin CPN60-like 1 (HSP60-2) mRNA, complete cds [NM_179872]
AT2G33255	-2.04	0.03283999	0.00110793	0.00299093	0.11346477	NM_179873	ref|Arabidopsis thaliana Haloacid dehalogenase-like hydrolase (AT2G33255) mRNA, complete cds [NM_179873]
AT2G33330	-2.42	0.00065388	0.00016499	0.00038633	0.03536437	NM_128893	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 11 (PDLP3) mRNA, complete cds [NM_128893]
AT2G33530	2.44	0.00193286	0.00034152	0.00316652	0.08860767	NM_179881	ref|Arabidopsis thaliana serine carboxypeptidase-like 46 (scpl46) mRNA, complete cds [NM_179881]
AT2G33570	-2.21	0.00229575	0.00229575	0.00113644	0.06717647	NM_128917	ref|Arabidopsis thaliana uncharacterized protein (AT2G33570) mRNA, complete cds [NM_128917]
AT2G33580	6.86	0.00001679	0.00001679	0.00006568	0.00703791	NM_128918	ref|Arabidopsis thaliana protein kinase family protein (AT2G33580) mRNA, complete cds [NM_128918]
AT2G33710	2.85	0.00041011	0.00288369	0.00174281	0.05974981	NM_001202	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF112 (AT2G33710) mRNA, complete cds [NM_001202740]
AT2G33780	2.12	0.00261086	0.00609669	0.00605573	0.137332	NM_128937	ref|Arabidopsis thaliana VQ motif-containing protein (AT2G33780) mRNA, complete cds [NM_128937]
AT2G33800	-2.11	0.0005999	0.00433068	0.00176205	0.0849467	NM_128939	ref|Arabidopsis thaliana 30S ribosomal protein S5 (AT2G33800) mRNA, complete cds [NM_128939]
AT2G33810	-2.39	0.00576543	0.0003558	0.00045666	0.03896226	NM_128940	ref|Arabidopsis thaliana squamosa promoter-binding-like protein 3 (SPL3) mRNA, complete cds [NM_128940]
AT2G34060	-2.19	0.00309223	0.00155131	0.00116563	0.06792526	NM_128957	ref|Arabidopsis thaliana peroxidase 19 (AT2G34060) mRNA, complete cds [NM_128957]
AT2G34170	-2.57	0.00023446	0.00133048	0.00016917	0.02217391	NM_128968	ref|Arabidopsis thaliana uncharacterized protein (AT2G34170) mRNA, complete cds [NM_128968]
AT2G34250	2.57	0.00078618	0.00131387	0.00253848	0.076937	NM_128976	ref|Arabidopsis thaliana protein transport protein SEC61 subunit alpha (AT2G34250) mRNA, complete cds [NM_128976]
AT2G34430	-2.47	0.0206041	0.01066583	0.00038368	0.03533605	NM_128995	ref|Arabidopsis thaliana light-harvesting complex II chlorophyll a/b binding protein 1 (LHB1B1) mRNA, complete cds [NM_128995]
AT2G34460	-2.02	0.01509767	0.00341945	0.00343985	0.12394422	NM_128998	ref|Arabidopsis thaliana NAD(P)-binding Rossmann-fold-containing protein (AT2G34460) mRNA, complete cds [NM_128998]
AT2G34500	10.87	0.00003896	0.00003896	0.00000885	0.0018018	NM_129002	ref|Arabidopsis thaliana cytochrome P450, family 710, subfamily A (CYP710A1) mRNA, complete cds [NM_129002]
AT2G34510	-2.24	0.00097577	0.00194145	0.00098872	0.06183956	NM_129003	ref|Arabidopsis thaliana uncharacterized protein (AT2G34510) mRNA, complete cds [NM_129003]
AT2G34560	-2.18	0.00160185	0.00094829	0.00131115	0.07265931	NM_201871	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT2G34560) mRNA, complete cds [NM_201871]
AT2G34600	2.48	0.00110191	0.00362616	0.00316895	0.0886209	NM_129014	ref|Arabidopsis thaliana protein TIFY 5B (JAZ7) mRNA, complete cds [NM_129014]
AT2G34620	-2.88	0.00117445	0.00043196	0.00004843	0.01063107	NM_129016	ref|Arabidopsis thaliana transcription termination factor-like protein (AT2G34620) mRNA, complete cds [NM_129016]
AT2G34770	-2.13	0.00201582	0.00142272	0.00177333	0.08512739	NM_129030	ref|Arabidopsis thaliana fatty acid hydroxylase 1 (FAH1) mRNA, complete cds [NM_129030]
AT2G34940	2.82	0.00010475	0.0004452	0.001705	0.05881007	NM_129047	ref|Arabidopsis thaliana vacuolar-sorting receptor 5 (VSR5) mRNA, complete cds [NM_129047]
AT2G34960	2.05	0.00099138	0.02369108	0.00684454	0.1490896	NM_129048	ref|Arabidopsis thaliana cationic amino acid transporter 5 (CAT5) mRNA, complete cds [NM_129048]
AT2G35130	-2.18	0.00260621	0.00094829	0.00146174	0.07712952	NM_001202	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT2G35130) mRNA, complete cds [NM_001202753]
AT2G35470	-2.46	0.00345694	0.00366616	0.00023618	0.02731458	NM_129099	ref|Arabidopsis thaliana uncharacterized protein (AT2G35470) mRNA, complete cds [NM_129099]
AT2G35620	-2.26	0.0075465	0.00039303	0.00075453	0.05322933	NM_001202	ref|Arabidopsis thaliana LRR receptor-like serine/threonine-protein kinase FEI 2 (FEI2) mRNA, complete cds [NM_001202755]
AT2G35658	2.55	0.00105878	0.00023842	0.00273507	0.08057329	NM_001124	ref|Arabidopsis thaliana uncharacterized protein (AT2G35658) mRNA, complete cds [NM_001124975]
AT2G35710	2.22	0.00110138	0.00087028	0.00513335	0.12295021	NM_129126	ref|Arabidopsis thaliana nucleotide-diphospho-sugar transferase domain-containing protein (AT2G35710) mRNA, complete cds [NM_129126]
AT2G35810	2.04	0.03113223	0.00928674	0.01020743	0.19500634	NM_129140	ref|Arabidopsis thaliana uncharacterized protein (AT2G35810) mRNA, complete cds [NM_129140]
AT2G35830	-2.38	0.00504915	0.0038045	0.00049735	0.04089091	NM_129142	ref|Arabidopsis thaliana uncharacterized protein (AT2G35830) mRNA, complete cds [NM_129142]
AT2G35860	-2.21	0.00060646	0.00229575	0.00112848	0.0669685	NM_179922	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 16 (FLA16) mRNA, complete cds [NM_179922]
AT2G35930	5.34	0.00006819	0.00001666	0.00015524	0.01233743	NM_129152	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase PUB23 (PUB23) mRNA, complete cds [NM_129152]
AT2G35960	-2.31	0.00070796	0.00109384	0.00067404	0.05038017	NM_129155	ref|Arabidopsis thaliana NDR1/HIN1-like 12 protein (NHL12) mRNA, complete cds [NM_129155]
AT2G35980	67.53	0.00000115	0.00000115	0	0	NM_129157	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (YLS9) mRNA, complete cds [NM_129157]
AT2G36026	-2.18	0.00225654	0.00094829	0.00138611	0.07417751	NM_001124	ref|Arabidopsis thaliana Ovate family protein (AT2G36026) mRNA, complete cds [NM_001124977]
AT2G36050	-3.56	0.00121392	0.00121392	0.00000354	0.00205128	NM_129164	ref|Arabidopsis thaliana ovate family protein 15 (OFP15) mRNA, complete cds [NM_129164]
AT2G36145	-2.6	0.00047787	0.01260257	0.00016387	0.02173021	NM_129173	ref|Arabidopsis thaliana uncharacterized protein (AT2G36145) mRNA, complete cds [NM_129173]
AT2G36220	2.53	0.0005153	0.00084979	0.00281336	0.08228978	NM_129180	ref|Arabidopsis thaliana uncharacterized protein (AT2G36220) mRNA, complete cds [NM_129180]
AT2G36390	-2	0.00429717	0.0180232	0.00377709	0.13048128	NM_129196	ref|Arabidopsis thaliana 1,4-alpha-glucan branching enzyme (SBE2,1) mRNA, complete cds [NM_129196]
AT2G36530	2.02	0.00397574	0.00347273	0.00806479	0.16667733	NM_129209	ref|Arabidopsis thaliana bifunctional enolase 2/transcriptional activator (LOS2) mRNA, complete cds [NM_129209]
AT2G36580	3.67	0.00048701	0.00048701	0.00061389	0.03060639	NM_129214	ref|Arabidopsis thaliana pyruvate kinase-like protein (AT2G36580) mRNA, complete cds [NM_129214]
AT2G36630	-2.41	0.0494773	0.00109162	0.00039695	0.03618952	NM_179936	ref|Arabidopsis thaliana Sulfite exporter TauE/SafE family protein (AT2G36630) mRNA, complete cds [NM_179936]
AT2G36690	4.8	0.00000986	0.00000986	0.00021384	0.01542265	NM_129224	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT2G36690) mRNA, complete cds [NM_129224]
AT2G36780	3.45	0.00207186	0.00719755	0.00085161	0.03757073	NM_129233	ref|Arabidopsis thaliana UDP-glucosyl transferase 73C (AT2G36780) mRNA, complete cds [NM_129233]
AT2G36800	3.46	0.01896618	0.00376139	0.00117957	0.04646341	NM_129235	ref|Arabidopsis thaliana cytokinin-O-glucosyltransferase 3 (DOGT1) mRNA, complete cds [NM_129235]
AT2G36830	-2.02	0.0102911	0.00341945	0.00260747	0.10499555	NM_129238	ref|Arabidopsis thaliana aquaporin TIP1-1 (GAMMA-TIP) mRNA, complete cds [NM_129238]
AT2G36970	2.47	0.00285887	0.00595416	0.00326006	0.09022032	NM_129253	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT2G36970) mRNA, complete cds [NM_129253]
AT2G36990	-2.05	0.00555982	0.01710305	0.00302034	0.11438861	NM_129255	ref|Arabidopsis thaliana RNApolymerase sigma-subunit F (SIGF) mRNA, complete cds [NM_129255]
AT2G37030	-2.05	0.00079584	0.01710305	0.00267935	0.10600175	NM_129259	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT2G37030) mRNA, complete cds [NM_129259]
AT2G37040	3.36	0.00195675	0.00739961	0.00100686	0.04207948	NM_129260	ref|Arabidopsis thaliana phenylalanine ammonia-lyase 1 (PAL1) mRNA, complete cds [NM_129260]
AT2G37430	13.14	0.00000308	0.00000308	0.0000042	0.00109827	NM_129298	ref|Arabidopsis thaliana C2H2 and C2HC zinc finger domain-containing protein (AT2G37430) mRNA, complete cds [NM_129298]
AT2G37640	-2.69	0.00034214	0.00087415	0.00011765	0.0180339	NM_129320	ref|Arabidopsis thaliana expansin-A3 (EXP3) mRNA, complete cds [NM_129320]
AT2G37710	3.88	0.00007039	0.00027406	0.00046904	0.02596083	NM_129327	ref|Arabidopsis thaliana receptor lectin kinase (RLK) mRNA, complete cds [NM_129327]
AT2G37760	2.93	0.00053032	0.00432316	0.00151238	0.05402054	NM_201898	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT2G37760) mRNA, complete cds [NM_201898]

AT2G37770	2.39	0.00043413	0.00112202	0.00354489	0.09490823	NM_001036	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT2G37770) mRNA, complete cds [NM_001036428]
AT2G37940	3.58	0.00011471	0.00011471	0.00065502	0.03174705	NM_129350	ref|Arabidopsis thaliana inositol phosphorylceramide synthase 2 (AtIPCS2) mRNA, complete cds [NM_129350]
AT2G37970	3.15	0.00018447	0.00043913	0.00112605	0.04546429	NM_129353	ref|Arabidopsis thaliana SOUL heme-binding-like protein (SOUL-1) mRNA, complete cds [NM_129353]
AT2G37980	3.09	0.00113143	0.0003012	0.00125011	0.04815162	NM_129355	ref|Arabidopsis thaliana O-fucosyltransferase-like protein (AT2G37980) mRNA, complete cds [NM_129355]
AT2G38120	-2.98	0.00040052	0.00040052	0.00002985	0.00859873	NM_129368	ref|Arabidopsis thaliana auxin transporter protein 1 (AUX1) mRNA, complete cds [NM_129368]
AT2G38210	-2.3	0.00132161	0.00719695	0.00073905	0.05287975	NM_129378	ref|Arabidopsis thaliana putative PDX1-like protein 4 (PDX1L4) mRNA, complete cds [NM_129378]
AT2G38240	3.19	0.0046523	0.0046523	0.00121075	0.04719828	NM_129381	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT2G38240) mRNA, complete cds [NM_129381]
AT2G38250	2.1	0.00103745	0.0221732	0.00629655	0.14074642	NM_129382	ref|Arabidopsis thaliana DNA-binding protein (AT2G38250) mRNA, complete cds [NM_129382]
AT2G38290	4.97	0.00100635	0.00100635	0.00020035	0.01482815	NM_201905	ref|Arabidopsis thaliana ammonium transporter 2 (AMT2) mRNA, complete cds [NM_201905]
AT2G38340	2.91	0.00015194	0.00036907	0.00148916	0.05365737	NM_129390	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 2E (AT2G38340) mRNA, complete cds [NM_129390]
AT2G38470	7.15	0.00000216	0.00000216	0.00005617	0.00628713	NM_129404	ref|Arabidopsis thaliana putative WRKY transcription factor 33 (WRKY33) mRNA, complete cds [NM_129404]
AT2G38480	-4.3	0.00005774	0.00064304	0.00000044	0.00083333	NM_129405	ref|Arabidopsis thaliana uncharacterized protein (AT2G38480) mRNA, complete cds [NM_129405]
AT2G38750	-2.63	0.00464259	0.00040092	0.0001862	0.02351955	NM_129432	ref|Arabidopsis thaliana annexin D4 (ANNAT4) mRNA, complete cds [NM_129432]
AT2G38780	-2.17	0.00484893	0.00126404	0.00126161	0.07113466	NM_129435	ref|Arabidopsis thaliana uncharacterized protein (AT2G38780) mRNA, complete cds [NM_129435]
AT2G38790	4.84	0.00004551	0.00004551	0.00021672	0.01555556	NM_129436	ref|Arabidopsis thaliana uncharacterized protein (AT2G38790) mRNA, complete cds [NM_129436]
AT2G38860	33.1	0.00000106	0.00000106	0	0	NM_179972	ref|Arabidopsis thaliana class I glutamine amidotransferase-like domain-containing protein (YLS5) mRNA, complete cds [NM_179972]
AT2G38870	6.76	0.00006889	0.00006889	0.00006612	0.00703529	NM_129444	ref|Arabidopsis thaliana serine protease inhibitor, potato inhibitor I-type protein (AT2G38870) mRNA, complete cds [NM_129444]
AT2G38940	3.63	0.00013951	0.00013951	0.00063357	0.0311413	NM_129452	ref|Arabidopsis thaliana inorganic phosphate transporter 1-4 (PHT1;4) mRNA, complete cds [NM_129452]
AT2G38960	2.61	0.00157817	0.00045182	0.0023107	0.07266342	NM_201908	ref|Arabidopsis thaliana endoplasmic oxidoreductin-2 (ERO2) mRNA, complete cds [NM_201908]
AT2G39010	-2.06	0.00855026	0.00300431	0.00242747	0.10192201	NM_129458	ref|Arabidopsis thaliana putative aquaporin PIP2-6 (PIP2E) mRNA, complete cds [NM_129458]
AT2G39030	10.44	0.00000543	0.00000543	0.00001017	0.002	NM_129460	ref|Arabidopsis thaliana acyl-CoA N-acyltransferases-like protein (AT2G39030) mRNA, complete cds [NM_129460]
AT2G39200	7.46	0.00000439	0.00000461	0.00004909	0.00569231	NM_129478	ref|Arabidopsis thaliana MLO-like protein 12 (MLO12) mRNA, complete cds [NM_129478]
AT2G39210	9.48	0.00005302	0.00005302	0.00001659	0.00274725	NM_129479	ref|Arabidopsis thaliana major facilitator protein (AT2G39210) mRNA, complete cds [NM_129479]
AT2G39380	2.42	0.0005707	0.00415302	0.00337085	0.0921584	NM_129495	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70H2) mRNA, complete cds [NM_129495]
AT2G39400	2.75	0.00044361	0.0002847	0.00190226	0.06381306	NM_129497	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT2G39400) mRNA, complete cds [NM_129497]
AT2G39518	7.47	0.00001314	0.00001314	0.00004843	0.00568831	NM_001084	ref|Arabidopsis thaliana UPF0497 membrane protein (AT2G39518) mRNA, complete cds [NM_001084554]
AT2G39530	4.95	0.00006999	0.00006999	0.00020389	0.01494327	NM_129511	ref|Arabidopsis thaliana UPF0497 membrane protein (AT2G39530) mRNA, complete cds [NM_129511]
AT2G39570	-2.64	0.00048537	0.00562818	0.0001245	0.01851974	NM_129515	ref|Arabidopsis thaliana ACT domain-containing protein (AT2G39570) mRNA, complete cds [NM_129515]
AT2G39650	3.72	0.00052814	0.00052814	0.00057607	0.02936866	NM_129521	ref|Arabidopsis thaliana uncharacterized protein (AT2G39650) mRNA, complete cds [NM_129521]
AT2G39660	4.04	0.00007696	0.00015154	0.00040314	0.02392388	NM_129522	ref|Arabidopsis thaliana serine/threonine-protein kinase BIK1 (BIK1) mRNA, complete cds [NM_129522]
AT2G39710	2.37	0.00027379	0.00027379	0.00360725	0.09634968	NM_129528	ref|Arabidopsis thaliana Eukaryotic aspartyl protease family protein (AT2G39710) mRNA, complete cds [NM_129528]
AT2G39730	-2.08	0.00608917	0.00099138	0.00240845	0.10169001	NM_129531	ref|Arabidopsis thaliana ribulose bisphosphate carboxylase/oxygenase activase (RCA) mRNA, complete cds [NM_129531]
AT2G39800	-2.46	0.00145072	0.00366616	0.00035781	0.03392034	NM_001202	ref|Arabidopsis thaliana Gamma-glutamyl phosphate reductase (P5CS1) mRNA, complete cds [NM_001202785]
AT2G40000	4.94	0.0088524	0.00000513	0.00022645	0.01597504	NM_129558	ref|Arabidopsis thaliana HS1 PRO-1 2-like protein (HSPRO2) mRNA, complete cds [NM_129558]
AT2G40095	4.29	0.00007763	0.00045182	0.00033304	0.0207438	NM_179994	ref|Arabidopsis thaliana Alpha/beta hydrolase related protein (AT2G40095) mRNA, complete cds [NM_179994]
AT2G40113	2.6	0.00023035	0.00117458	0.00249204	0.07609048	NM_179995	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT2G40113) mRNA, complete cds [NM_179995]
AT2G40140	10.29	0.00000902	0.00001184	0.00001172	0.00218107	NM_129572	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 29 (CZF1) mRNA, complete cds [NM_129572]
AT2G40180	2.03	0.00129058	0.00506757	0.00718089	0.15440799	NM_129576	ref|Arabidopsis thaliana putative protein phosphatase 2C 30 (PP2C5) mRNA, complete cds [NM_129576]
AT2G40270	2.73	0.00012644	0.00009991	0.00191575	0.06412287	NM_129585	ref|Arabidopsis thaliana Protein kinase family protein (AT2G40270) mRNA, complete cds [NM_129585]
AT2G40420	-2	0.0105176	0.0180232	0.00302786	0.11438596	NM_129602	ref|Arabidopsis thaliana transmembrane amino acid transporter-like protein (AT2G40420) mRNA, complete cds [NM_129602]
AT2G40610	-2.69	0.00039328	0.00087415	0.00011389	0.01775862	NM_129623	ref|Arabidopsis thaliana expansin A8 (EXPA8) mRNA, complete cds [NM_129623]
AT2G40670	-2.02	0.00741264	0.00341945	0.0025241	0.1031075	NM_129629	ref|Arabidopsis thaliana two-component response regulator ARR16 (RR16) mRNA, complete cds [NM_129629]
AT2G40740	9.93	0.00000128	0.00000128	0.00001305	0.0023506	NM_001084	ref|Arabidopsis thaliana WRKY transcription factor 55 (WRKY55) mRNA, complete cds [NM_001084564]
AT2G40750	7.04	0.00000555	0.00000555	0.00006081	0.00664251	NM_129637	ref|Arabidopsis thaliana WRKY DNA-binding protein 54 (WRKY54) mRNA, complete cds [NM_129637]
AT2G40840	-2.45	0.00171459	0.00035291	0.000318	0.03231461	NM_129647	ref|Arabidopsis thaliana 4-alpha-glucanotransferase (DPE2) mRNA, complete cds [NM_129647]
AT2G40960	-2.12	0.01383575	0.01698645	0.00191	0.0897817	NM_129661	ref|Arabidopsis thaliana Single-stranded nucleic acid binding R3H protein (AT2G40960) mRNA, complete cds [NM_129661]
AT2G41010	3.82	0.00015573	0.00015573	0.00052985	0.02802339	NM_129666	ref|Arabidopsis thaliana calmodulin binding protein 25 (CAMBP25) mRNA, complete cds [NM_129666]
AT2G41090	2.53	0.00786935	0.00084979	0.00307231	0.08683125	NM_129674	ref|Arabidopsis thaliana calmodulin-like protein 10 (AT2G41090) mRNA, complete cds [NM_129674]
AT2G41100	3.52	0.00032398	0.00002668	0.00071672	0.03386625	NM_001202	ref|Arabidopsis thaliana calmodulin-like protein 12 (TCH3) mRNA, complete cds [NM_001202794]
AT2G41110	2.31	0.01431653	0.01640024	0.00512229	0.12288064	NM_001202	ref|Arabidopsis thaliana calmodulin 2 (CAM2) mRNA, complete cds [NM_001202795]
AT2G41180	3.13	0.00029	0.00025062	0.0011559	0.04597186	NM_129683	ref|Arabidopsis thaliana VQ motif-containing protein (AT2G41180) mRNA, complete cds [NM_129683]
AT2G41240	-2.61	0.00559518	0.00020115	0.00011499	0.01780822	NM_129689	ref|Arabidopsis thaliana transcription factor bHLH100 (BHLH100) mRNA, complete cds [NM_129689]
AT2G41342	2.19	0.00066644	0.00053923	0.00504954	0.12145745	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT2G41342) mRNA, complete cds [NM_001125023]
AT2G41380	3.86	0.00001504	0.00001504	0.00046904	0.0259291	NM_129701	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT2G41380) mRNA, complete cds [NM_129701]
AT2G41410	2.97	0.00014047	0.0009581	0.00141862	0.05206981	NM_129704	ref|Arabidopsis thaliana putative calcium-binding protein CML35 (AT2G41410) mRNA, complete cds [NM_129704]
AT2G41430	2.11	0.0115922	0.01879448	0.00662959	0.14595424	NM_201929	ref|Arabidopsis thaliana dehydration-induced protein ERD15 (ERD15) mRNA, complete cds [NM_201929]
AT2G41640	6.44	0.00029144	0.0000235	0.00007806	0.00774123	NM_129727	ref|Arabidopsis thaliana Glycosyltransferase family 61 protein (AT2G41640) mRNA, complete cds [NM_129727]
AT2G41700	2.16	0.00107674	0.00709441	0.00543012	0.12802398	NM_180023	ref|Arabidopsis thaliana ABC transporter A family member 1 (ABCA1) mRNA, complete cds [NM_180023]
AT2G41835	3.44	0.002835	0.00097159	0.00086975	0.03811047	NM_180027	ref|Arabidopsis thaliana zinc finger AN1 and C2H2 domain-containing stress-associated protein 11 (AT2G41835) mRNA, complete cds [NM_1800
AT2G41880	3.05	0.00026667	0.00023791	0.00128925	0.04907407	NM_129752	ref|Arabidopsis thaliana guanylate kinase 1 (GK-1) mRNA, complete cds [NM_129752]
AT2G41990	-2.56	0.00075064	0.00106214	0.00015789	0.02125	NM_129763	ref|Arabidopsis thaliana uncharacterized protein (AT2G41990) mRNA, complete cds [NM_129763]
AT2G42040	-2.63	0.00092016	0.00040092	0.00014485	0.01996951	NM_129767	ref|Arabidopsis thaliana uncharacterized protein (AT2G42040) mRNA, complete cds [NM_129767]
AT2G42060	3.35	0.00010844	0.00072674	0.00085582	0.03764591	NM_129769	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G42060) mRNA, complete cds [NM_129769]
AT2G42170	-2.96	0.00057347	0.00057347	0.00002676	0.00806667	NM_180032	ref|Arabidopsis thaliana putative actin (AT2G42170) mRNA, complete cds [NM_180032]
AT2G42200	-2.25	0.00142868	0.00040651	0.00086311	0.0569781	NM_129782	ref|Arabidopsis thaliana squamosa promoter-binding-like protein 9 (SPL9) mRNA, complete cds [NM_129782]
AT2G42220	-2.06	0.03505249	0.00300431	0.00181314	0.08621451	NM_129784	ref|Arabidopsis thaliana rhodanese-like domain-containing protein (AT2G42220) mRNA, complete cds [NM_129784]
AT2G42320	-2.2	0.00132923	0.00120547	0.00115723	0.06760982	NM_001036	ref|Arabidopsis thaliana nucleolar protein gar2-like protein (AT2G42320) mRNA, complete cds [NM_001036454]
AT2G42350	4.73	0.00095938	0.00095938	0.00025055	0.01706325	NM_129797	ref|Arabidopsis thaliana RING-H2 finger protein ATL40 (AT2G42350) mRNA, complete cds [NM_129797]
AT2G42360	13.45	0.00004895	0.00004895	0.00000265	0.00078947	NM_129798	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL41 (AT2G42360) mRNA, complete cds [NM_129798]
AT2G42380	-2.91	0.00023347	0.01000513	0.00004445	0.01052356	NM_129800	ref|Arabidopsis thaliana basic helix-loop-helix domain-containing protein (BZIP34) mRNA, complete cds [NM_129800]
AT2G42540	-3.05	0.01555434	0.01555434	0.00002764	0.00827815	NM_001202	ref|Arabidopsis thaliana cold-regulated protein 15a (COR15A) mRNA, complete cds [NM_001202804]
AT2G42570	-2.12	0.0015731	0.01698645	0.00193388	0.09052795	NM_129818	ref|Arabidopsis thaliana protein trichome birefringence-like 39 (TBL39) mRNA, complete cds [NM_129818]
AT2G42580	-2.15	0.01407025	0.0022173	0.00145467	0.07693567	NM_129819	ref|Arabidopsis thaliana tetratricopetide-repeat thioredoxin-like 3 (TTL3) mRNA, complete cds [NM_129819]
AT2G42870	-2.61	0.00283664	0.00020115	0.0001391	0.01971787	NM_129848	ref|Arabidopsis thaliana phy rapidly regulated 1 (PAR1) mRNA, complete cds [NM_129848]
AT2G42900	-2.63	0.00012948	0.00040092	0.00014153	0.01987578	NM_129851	ref|Arabidopsis thaliana basic secretory protein (BSP) family protein (AT2G42900) mRNA, complete cds [NM_129851]
AT2G42980	2.76	0.00118503	0.00023479	0.00187572	0.0632513	NM_129859	ref|Arabidopsis thaliana aspartyl protease-like protein (AT2G42980) mRNA, complete cds [NM_129859]
AT2G43000	21.05	0.000001	0.000001	0.00000022	0.00015385	NM_129861	ref|Arabidopsis thaliana NAC domain-containing protein 42 (NAC042) mRNA, complete cds [NM_129861]
AT2G43010	-2.3	0.00164274	0.00719695	0.00078306	0.05439324	NM_129862	ref|Arabidopsis thaliana transcription factor PIF4 (PIF4) mRNA, complete cds [NM_129862]
AT2G43030	-2.38	0.00204995	0.0038045	0.00046683	0.03931099	NM_129864	ref|Arabidopsis thaliana 50S ribosomal protein L3-1 (AT2G43030) mRNA, complete cds [NM_129864]
AT2G43140	3.96	0.00007453	0.00048815	0.00043963	0.02516456	NM_129876	ref|Arabidopsis thaliana transcription factor bHLH129 (AT2G43140) mRNA, complete cds [NM_129876]
AT2G43150	3.79	0.00005424	0.0003061	0.00051017	0.02733412	NM_129877	ref|Arabidopsis thaliana Proline-rich extensin-like family protein (AT2G43150) mRNA, complete cds [NM_129877]
AT2G43290	2.17	0.00390488	0.00319914	0.00555794	0.12975219	NM_129891	ref|Arabidopsis thaliana calmodulin-like protein 5 (MSS3) mRNA, complete cds [NM_129891]
AT2G43340	-2.38	0.00277329	0.0038045	0.00047368	0.03974026	NM_180063	ref|Arabidopsis thaliana uncharacterized protein (AT2G43340) mRNA, complete cds [NM_180063]
AT2G43510	4.53	0.00004476	0.00009201	0.00027156	0.01795322	NM_129912	ref|Arabidopsis thaliana defensin-like protein 195 (TI1) mRNA, complete cds [NM_129912]
AT2G43535	-2.96	0.00712516	0.00057347	0.00004666	0.01049751	NM_129915	ref|Arabidopsis thaliana defensin-like protein 196 (AT2G43535) mRNA, complete cds [NM_129915]
AT2G43560	-2.06	0.00127087	0.00300431	0.00234144	0.10026515	NM_129918	ref|Arabidopsis thaliana peptidylprolyl isomerase (AT2G43560) mRNA, complete cds [NM_129918]
AT2G43570	37.15	0.000001	0.000001	0	0	NM_129919	ref|Arabidopsis thaliana chitinase class 4-like protein (CHI) mRNA, complete cds [NM_129919]
AT2G43590	12.99	0.00000139	0.00000139	0.00000442	0.00114286	NM_129921	ref|Arabidopsis thaliana chitinase-like protein (AT2G43590) mRNA, complete cds [NM_129921]
AT2G43620	13.85	0.00000825	0.00000825	0.00000287	0.0008125	NM_129924	ref|Arabidopsis thaliana chitinase-like protein (AT2G43620) mRNA, complete cds [NM_129924]
AT2G44010	2.41	0.00301513	0.00072694	0.00351681	0.09454816	NM_129963	ref|Arabidopsis thaliana uncharacterized protein (AT2G44010) mRNA, complete cds [NM_129963]
AT2G44080	2.05	0.04007585	0.02369108	0.00897612	0.17810443	NM_180078	ref|Arabidopsis thaliana ARGOS-like protein (ARL) mRNA, complete cds [NM_180078]
AT2G44120	2	0.04246939	0.00202099	0.01052388	0.19903388	NM_180079	ref|Arabidopsis thaliana 60S ribosomal protein L7-3 (AT2G44120) mRNA, complete cds [NM_180079]
AT2G44230	-2.14	0.00091276	0.02737822	0.00162229	0.08215006	NM_129987	ref|Arabidopsis thaliana uncharacterized protein (AT2G44230) mRNA, complete cds [NM_129987]
AT2G44290	4.93	0.00000696	0.00005139	0.00019881	0.01478618	NM_129993	ref|Arabidopsis thaliana xylogen-like protein 10 (AT2G44290) mRNA, complete cds [NM_129993]
AT2G44370	7.47	0.00000273	0.00001314	0.00004799	0.0056658	NM_130000	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G44370) mRNA, complete cds [NM_130000]
AT2G44380	3.58	0.00001567	0.00011471	0.00063556	0.03120521	NM_130001	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G44380) mRNA, complete cds [NM_130001]
AT2G44480	4.13	0.00001445	0.00001445	0.00036533	0.02211513	NM_001125	ref|Arabidopsis thaliana beta glucosidase 17 (BGLU17) mRNA, complete cds [NM_001125053]
AT2G44490	2.17	0.00264018	0.00319914	0.00554113	0.12942665	NM_130012	ref|Arabidopsis thaliana beta-glucosidase 26 (PEN2) mRNA, complete cds [NM_130012]
AT2G44500	4.36	0.00036738	0.00010877	0.00032928	0.02068056	NM_201959	ref|Arabidopsis thaliana axi 1 protein-like protein (AT2G44500) mRNA, complete cds [NM_201959]
AT2G44740	-4.03	0.00105049	0.00008983	0.00000111	0.00106383	NM_130038	ref|Arabidopsis thaliana cyclin-U4-1 (CYCP4;1) mRNA, complete cds [NM_130038]
AT2G44790	3.26	0.00022434	0.00029315	0.0009697	0.04113508	NM_130043	ref|Arabidopsis thaliana uclacyanin 2 (UCC2) mRNA, complete cds [NM_130043]
AT2G44840	6.17	0.00000634	0.00000634	0.00009465	0.00877049	NM_130048	ref|Arabidopsis thaliana ethylene-responsive transcription factor 13 (ERF13) mRNA, complete cds [NM_130048]
AT2G44940	-2.76	0.00154485	0.00292416	0.00007143	0.01357143	NM_130059	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF034 (AT2G44940) mRNA, complete cds [NM_130059]
AT2G45130	2.47	0.00055621	0.00595416	0.00302145	0.08609326	NM_130076	ref|Arabidopsis thaliana SPX domain-containing protein 3 (SPX3) mRNA, complete cds [NM_130076]
AT2G45190	-3.11	0.00064797	0.00064797	0.00001946	0.00676923	NM_130082	ref|Arabidopsis thaliana axial regulator YABBY 1 (AFO) mRNA, complete cds [NM_130082]
AT2G45220	23.9	0.00000101	0.00000101	0	0	NM_130085	ref|Arabidopsis thaliana pectinesterase 17 (AT2G45220) mRNA, complete cds [NM_130085]
AT2G45300	2.53	0.0015998	0.00084979	0.00288766	0.08392031	NM_130093	ref|Arabidopsis thaliana 3-phosphoshikimate 1-carboxyvinyltransferase (AT2G45300) mRNA, complete cds [NM_130093]
AT2G45340	-2.62	0.00121444	0.00273392	0.00014396	0.0201548	NM_130097	ref|Arabidopsis thaliana putative leucine-rich repeat transmembrane protein kinase (AT2G45340) mRNA, complete cds [NM_130097]
AT2G45400	-2.94	0.00120323	0.00016339	0.00004533	0.01062176	NM_130102	ref|Arabidopsis thaliana dihydroflavonol 4-reductase-like protein (BEN1) mRNA, complete cds [NM_130102]
AT2G45470	-2.71	0.00058373	0.00094897	0.00009	0.01496324	NM_130109	ref|Arabidopsis thaliana FASCICLIN-like arabinogalactan protein 8 (FLA8) mRNA, complete cds [NM_130109]
AT2G45570	2.46	0.00219631	0.00369727	0.00343852	0.09316357	NM_130119	ref|Arabidopsis thaliana cytochrome P450 76C2 (CYP76C2) mRNA, complete cds [NM_130119]
AT2G45760	4.05	0.00006007	0.00006007	0.00040491	0.02393464	NM_130139	ref|Arabidopsis thaliana BON1-associated protein 2 (BAP2) mRNA, complete cds [NM_130139]
AT2G45960	-2.82	0.00039651	0.00039651	0.00005949	0.01179825	NM_130159	ref|Arabidopsis thaliana aquaporin PIP1-2 (PIP1B) mRNA, complete cds [NM_130159]
AT2G46140	2.5	0.00206147	0.00438726	0.0033023	0.09116606	NM_130176	ref|Arabidopsis thaliana Late embryogenesis abundant protein (AT2G46140) mRNA, complete cds [NM_130176]
AT2G46150	2.5	0.00116638	0.00438726	0.00296196	0.0851494	NM_130177	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT2G46150) mRNA, complete cds [NM_130177]
AT2G46250	-2.19	0.03248081	0.00155131	0.00100774	0.06251029	NM_130188	ref|Arabidopsis thaliana myosin heavy chain-like protein (AT2G46250) mRNA, complete cds [NM_130188]
AT2G46270	3.36	0.00040347	0.00739961	0.00086776	0.03806014	NM_130190	ref|Arabidopsis thaliana G-box binding factor 3 (GBF3) mRNA, complete cds [NM_130190]
AT2G46400	22.34	0.0000108	0.0000108	0.00000022	0.00016129	NM_130204	ref|Arabidopsis thaliana putative WRKY transcription factor 46 (WRKY46) mRNA, complete cds [NM_130204]
AT2G46430	4.62	0.00002189	0.00247557	0.00025144	0.01709774	NM_130207	ref|Arabidopsis thaliana cyclic nucleotide gated channel (CNGC3) mRNA, complete cds [NM_130207]

AT2G46440	4.03	0.00006368	0.00005128	0.00040977	0.02400259	NM_130208	ref|Arabidopsis thaliana cyclic nucleotide-gated ion channel 11 (CNGC11) mRNA, complete cds [NM_130208]
AT2G46620	4.41	0.00005486	0.00000797	0.00028969	0.01874106	NM_130227	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT2G46620) mRNA, complete cds [NM_130227]
AT2G46630	-2.14	0.00533551	0.02737822	0.00190579	0.08977083	NM_130228	ref|Arabidopsis thaliana uncharacterized protein (AT2G46630) mRNA, complete cds [NM_130228]
AT2G46650	3.1	0.00012529	0.00018253	0.00113843	0.04555752	NM_130230	ref|Arabidopsis thaliana cytochrome B5 isoform C (CB5-C) mRNA, complete cds [NM_130230]
AT2G46820	-2.49	0.00318957	0.00080297	0.00034852	0.03360341	NM_130248	ref|Arabidopsis thaliana thylakoid membrane phosphoprotein (PSI-P) mRNA, complete cds [NM_130248]
AT2G46910	-2.42	0.00076874	0.00016499	0.00041575	0.03693517	NM_130259	ref|Arabidopsis thaliana putative plastid-lipid-associated protein 10 (AT2G46910) mRNA, complete cds [NM_130259]
AT2G47000	2.29	0.00186416	0.00067661	0.00450597	0.11245033	NM_130268	ref|Arabidopsis thaliana ABC transporter B family member 4 (ABCB4) mRNA, complete cds [NM_130268]
AT2G47130	13.59	0.00000192	0.00000192	0.00000332	0.00088757	NM_130281	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT2G47130) mRNA, complete cds [NM_130281]
AT2G47190	2.54	0.00035366	0.0004648	0.00270389	0.08001963	NM_130287	ref|Arabidopsis thaliana myb domain protein 2 (MYB2) mRNA, complete cds [NM_130287]
AT2G47440	-3.14	0.00034689	0.00034689	0.00001261	0.00508929	NM_130312	ref|Arabidopsis thaliana tetratricopeptide repeat-containing protein (AT2G47440) mRNA, complete cds [NM_130312]
AT2G47450	-2.36	0.00312481	0.01953672	0.00054356	0.04358156	NM_130313	ref|Arabidopsis thaliana signal recognition particle 43 kDa protein (CAO) mRNA, complete cds [NM_130313]
AT2G47730	2.08	0.01961025	0.00903855	0.00832154	0.1706576	NM_180148	ref|Arabidopsis thaliana glutathione S-transferase 6 (GSTF8) mRNA, complete cds [NM_180148]
AT2G47800	5.68	0.00015682	0.00015682	0.00013069	0.01108818	NM_130347	ref|Arabidopsis thaliana ABC transporter C family member 4 (MRP4) mRNA, complete cds [NM_130347]
AT2G47930	-2.7	0.00129386	0.00129386	0.00008846	0.01492537	NM_130360	ref|Arabidopsis thaliana arabinogalactan protein 26 (AGP26) mRNA, complete cds [NM_130360]
AT3G01080	2.45	0.00132278	0.00014044	0.00313291	0.08783013	NM_110973	ref|Arabidopsis thaliana WRKY DNA-binding protein 58 (WRKY58) mRNA, complete cds [NM_110973]
AT3G01290	9.16	0.00006831	0.00006831	0.00001747	0.00285199	NM_110995	ref|Arabidopsis thaliana Hypersensitive-induced response protein 3 (AT3G01290) mRNA, complete cds [NM_110995]
AT3G01440	-3.7	0.00041979	0.00015385	0.00000155	0.00107692	NM_111010	ref|Arabidopsis thaliana photosystem II oxygen-evolving enhancer protein (PQL1) mRNA, complete cds [NM_111010]
AT3G01490	-2.1	0.00052456	0.0080778	0.00193985	0.09061983	NM_111015	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT3G01490) mRNA, complete cds [NM_111015]
AT3G01500	-2.06	0.04952961	0.00300431	0.00206701	0.09328343	NM_111016	ref|Arabidopsis thaliana carbonic anhydrase 1 (CA1) mRNA, complete cds [NM_111016]
AT3G01720	2.41	0.002658	0.00072694	0.00352853	0.0946382	NM_111038	ref|Arabidopsis thaliana uncharacterized protein (AT3G01720) mRNA, complete cds [NM_111038]
AT3G01830	23.73	0.00000101	0.00000101	0.00000022	0.00017241	NM_111049	ref|Arabidopsis thaliana putative calcium-binding protein CML40 (AT3G01830) mRNA, complete cds [NM_111049]
AT3G01920	-2.44	0.00148331	0.00237589	0.00040557	0.03660679	NM_111058	ref|Arabidopsis thaliana putative translation factor (AT3G01920) mRNA, complete cds [NM_111058]
AT3G01970	4.76	0.00008306	0.00008306	0.0002322	0.01627907	NM_111063	ref|Arabidopsis thaliana WRKY DNA-binding protein 45 (WRKY45) mRNA, complete cds [NM_111063]
AT3G02040	2.74	0.00046024	0.0001347	0.00202034	0.06658892	NM_111070	ref|Arabidopsis thaliana senescence-related protein (SRG3) mRNA, complete cds [NM_111070]
AT3G02110	-2.05	0.01665933	0.01710305	0.00266718	0.10598418	NM_111077	ref|Arabidopsis thaliana serine carboxypeptidase-like 25 (scpl25) mRNA, complete cds [NM_111077]
AT3G02150	2.87	0.00069643	0.00024478	0.00157784	0.05565523	NM_180170	ref|Arabidopsis thaliana transcription factor TCP13 (PTF1) mRNA, complete cds [NM_180170]
AT3G02380	-3.56	0.00281746	0.00121392	0.00000155	0.0012069	NM_111105	ref|Arabidopsis thaliana zinc finger protein CONSTANS-LIKE 2 (COL2) mRNA, complete cds [NM_111105]
AT3G02410	-2.56	0.00180258	0.00106214	0.00019792	0.02452055	NM_111108	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (ICME-LIKE2) mRNA, complete cds [NM_111108]
AT3G02800	7.56	0.00000575	0.00000575	0.00004445	0.00534574	NM_111148	ref|Arabidopsis thaliana tyrosine specific protein phosphatase-like protein (AT3G02800) mRNA, complete cds [NM_111148]
AT3G02830	-2.04	0.00301513	0.00110793	0.00307541	0.11560266	NM_111151	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 33 (ZFN1) mRNA, complete cds [NM_111151]
AT3G02840	19.68	0.00000292	0.00000292	0.00000022	0.00013158	NM_111152	ref|Arabidopsis thaliana armadillo/beta-catenin-like repeat-containing protein (AT3G02840) mRNA, complete cds [NM_111152]
AT3G03560	2.48	0.00102757	0.00362616	0.00288854	0.0838921	NM_111227	ref|Arabidopsis thaliana uncharacterized protein (AT3G03560) mRNA, complete cds [NM_111227]
AT3G03820	-2.74	0.00182324	0.00148776	0.00011035	0.01738676	NM_111253	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G03820) mRNA, complete cds [NM_111253]
AT3G03830	-2.13	0.00713415	0.00142272	0.00175918	0.08489861	NM_111254	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G03830) mRNA, complete cds [NM_111254]
AT3G03855	3.22	0.00064624	0.00008368	0.00107718	0.04436248	BX823963	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH10ZF07 of Hormone Treated Callus of strain col-0 of Arabidops
AT3G03900	-2.01	0.00266356	0.00809441	0.00361566	0.1275351	NM_111261	ref|Arabidopsis thaliana adenylylsulfate kinase (APK3) mRNA, complete cds [NM_111261]
AT3G04210	3.19	0.00024387	0.0046523	0.00103052	0.04279155	NM_111292	ref|Arabidopsis thaliana TIR-NBS class disease resistance protein (AT3G04210) mRNA, complete cds [NM_111292]
AT3G04640	8.2	0.00001448	0.00001448	0.00003118	0.00415929	NM_111336	ref|Arabidopsis thaliana glycine-rich protein (AT3G04640) mRNA, complete cds [NM_111336]
AT3G04690	2.12	0.00085202	0.00609669	0.00587881	0.13433047	NM_111341	ref|Arabidopsis thaliana receptor-like protein kinase ANXUR1 (ANX1) mRNA, complete cds [NM_111341]
AT3G04717	6.85	0.00000162	0.00000162	0.0000659	0.0070283	A_84_P7606	Unknown
AT3G04720	9.5	0.00005775	0.00005775	0.00001393	0.00239544	NM_111344	ref|Arabidopsis thaliana hevein-like protein (PR4) mRNA, complete cds [NM_111344]
AT3G04730	-2.11	0.00401693	0.00433068	0.00181866	0.08638655	NM_111345	ref|Arabidopsis thaliana auxin-responsive protein IAA16 (IAA16) mRNA, complete cds [NM_111345]
AT3G05180	-2.32	0.00205969	0.00078528	0.00071694	0.05229032	NM_111391	ref|Arabidopsis thaliana GDSL esterase/lipase (AT3G05180) mRNA, complete cds [NM_111391]
AT3G05200	3.79	0.0000665	0.0003061	0.00052322	0.02783529	NM_111393	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL6 (ATL6) mRNA, complete cds [NM_111393]
AT3G05360	3.82	0.00006007	0.00015573	0.00049337	0.02665472	NM_111409	ref|Arabidopsis thaliana receptor like protein 30 (RLP30) mRNA, complete cds [NM_111409]
AT3G05370	2.77	0.00181903	0.00034848	0.00208735	0.06771162	NM_111410	ref|Arabidopsis thaliana receptor like protein 31 (RLP31) mRNA, complete cds [NM_111410]
AT3G05880	-2.13	0.00099236	0.00142272	0.00167625	0.08338834	NM_111462	ref|Arabidopsis thaliana Hydrophobic protein RCI2A (RCI2A) mRNA, complete cds [NM_111462]
AT3G05900	-3.2	0.00061465	0.00061465	0.00000818	0.00385417	NM_111464	ref|Arabidopsis thaliana neurofilament protein-related protein (AT3G05900) mRNA, complete cds [NM_111464]
AT3G05936	-2.06	0.00340353	0.00300431	0.00282928	0.10991409	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT3G05936) mRNA, complete cds [NM_001125114]
AT3G06130	-2.13	0.00163001	0.00142272	0.00158824	0.08161364	NM_111488	ref|Arabidopsis thaliana heavy-metal-associated domain-containing protein (AT3G06130) mRNA, complete cds [NM_111488]
AT3G06145	-2.16	0.0003296	0.01295968	0.00145135	0.07685012	NM_148692	ref|Arabidopsis thaliana uncharacterized protein (AT3G06145) mRNA, complete cds [NM_148692]
AT3G06430	-2.66	0.00205754	0.00051585	0.00012428	0.01854785	NM_111518	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (EMB2750) mRNA, complete cds [NM_111518]
AT3G06500	2.75	0.00485793	0.0002847	0.00222579	0.07068118	NM_111526	ref|Arabidopsis thaliana putative neutral invertase (AT3G06500) mRNA, complete cds [NM_111526]
AT3G06740	-2.48	0.00128575	0.00011455	0.00032574	0.03244493	NM_111554	ref|Arabidopsis thaliana GATA transcription factor 15 (GATA15) mRNA, complete cds [NM_111554]
AT3G06750	-2.16	0.00095423	0.01295968	0.00158735	0.08166098	NM_111555	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT3G06750) mRNA, complete cds [NM_111555]
AT3G06770	-2.9	0.00012692	0.00082501	0.00004069	0.01033708	NM_180194	ref|Arabidopsis thaliana polygalacturonase-like protein (AT3G06770) mRNA, complete cds [NM_180194]
AT3G06840	-2.11	0.00472966	0.00433068	0.00201703	0.09203835	NM_111564	ref|Arabidopsis thaliana uncharacterized protein (AT3G06840) mRNA, complete cds [NM_111564]
AT3G06880	-2.79	0.00079899	0.00079899	0.00008337	0.01478431	NM_111568	ref|Arabidopsis thaliana transducin/WD-40 repeat-containing protein (AT3G06880) mRNA, complete cds [NM_111568]
AT3G06980	-2.31	0.00529682	0.00109384	0.00068554	0.05098684	NM_111578	ref|Arabidopsis thaliana DEAD-box ATP-dependent RNA helicase 50 (AT3G06980) mRNA, complete cds [NM_111578]
AT3G07090	2	0.04609681	0.00202099	0.01078527	0.2017832	NM_111589	ref|Arabidopsis thaliana PPPDE putative thiol peptidase family protein (AT3G07090) mRNA, complete cds [NM_111589]
AT3G07195	5.28	0.00001023	0.00001023	0.00016254	0.01276042	NM_148695	ref|Arabidopsis thaliana RPM1-interacting protein 4 (RIN4) family protein (AT3G07195) mRNA, complete cds [NM_148695]
AT3G07390	4.01	0.00021761	0.00021761	0.00042879	0.02466921	NM_111618	ref|Arabidopsis thaliana auxin-responsive-like protein (AIR12) mRNA, complete cds [NM_111618]
AT3G07460	-2.07	0.0091881	0.018419	0.00203008	0.09235412	NM_148697	ref|Arabidopsis thaliana uncharacterized protein (AT3G07460) mRNA, complete cds [NM_148697]
AT3G07540	-2.19	0.00350556	0.00155131	0.00125851	0.0711375	NM_111632	ref|Arabidopsis thaliana formin-like protein 10 (AT3G07540) mRNA, complete cds [NM_111632]
AT3G07580	2.16	0.00112963	0.00709441	0.00569858	0.13201332	NM_001202	ref|Arabidopsis thaliana uncharacterized protein (AT3G07580) mRNA, complete cds [NM_001202907]
AT3G07600	2.24	0.00189434	0.00079276	0.00477267	0.11710255	NM_111639	ref|Arabidopsis thaliana heavy-metal-associated domain-containing protein (AT3G07600) mRNA, complete cds [NM_111639]
AT3G07670	-2.3	0.00556928	0.00719695	0.00090203	0.05852224	NM_111646	ref|Arabidopsis thaliana rubisco methyltransferase-like protein (AT3G07670) mRNA, complete cds [NM_111646]
AT3G07720	2.12	0.00384547	0.00609669	0.00630031	0.14076087	NM_111651	ref|Arabidopsis thaliana galactose oxidase/kelch repeat-containing protein (AT3G07720) mRNA, complete cds [NM_111651]
AT3G07800	2.02	0.00057466	0.00347273	0.00737992	0.15748938	NM_111659	ref|Arabidopsis thaliana Thymidine kinase (AT3G07800) mRNA, complete cds [NM_111659]
AT3G08580	2.22	0.00242138	0.00087028	0.00538213	0.1273574	NM_180210	ref|Arabidopsis thaliana ADP,ATP carrier protein 1 (AAC1) mRNA, complete cds [NM_180210]
AT3G08640	3.08	0.00222459	0.0079607	0.00127775	0.04888325	NM_111698	ref|Arabidopsis thaliana uncharacterized protein (AT3G08640) mRNA, complete cds [NM_111698]
AT3G08660	-2.1	0.00559997	0.0080778	0.00232264	0.09974359	NM_111700	ref|Arabidopsis thaliana phototropic-responsive NPH3-like protein (AT3G08660) mRNA, complete cds [NM_111700]
AT3G08710	2.28	0.00210241	0.00125043	0.00422402	0.10761127	NM_111705	ref|Arabidopsis thaliana thioredoxin H9 (TH9) mRNA, complete cds [NM_111705]
AT3G08720	6.85	0.00002609	0.00000162	0.00006568	0.00702128	NM_180212	ref|Arabidopsis thaliana serine/threonine protein kinase 2 (S6K2) mRNA, complete cds [NM_180212]
AT3G08870	3.78	0.00007	0.00015573	0.00052322	0.02786808	NM_111721	ref|Arabidopsis thaliana concanavalin A-like lectin protein kinase-like protein (AT3G08870) mRNA, complete cds [NM_111721]
AT3G08920	-2.24	0.00168059	0.00194145	0.00097612	0.06164804	NM_111726	ref|Arabidopsis thaliana rhodanese-like domain-containing protein (AT3G08920) mRNA, complete cds [NM_111726]
AT3G08940	-2.05	0.00542007	0.01710305	0.00234299	0.10023652	NM_111728	ref|Arabidopsis thaliana chlorophyll a-b binding protein CP29,2 (LHCB4,2) mRNA, complete cds [NM_111728]
AT3G08970	3.99	0.00002422	0.00002422	0.00041928	0.02430769	NM_111731	ref|Arabidopsis thaliana DnaJ domain-containing protein (ATERDJ3A) mRNA, complete cds [NM_111731]
AT3G09000	2.29	0.00403364	0.00067661	0.00432176	0.1096074	NM_111734	ref|Arabidopsis thaliana proline-rich uncharacterized protein (AT3G09000) mRNA, complete cds [NM_111734]
AT3G09010	6.73	0.0000492	0.00000272	0.00006789	0.0071897	NM_111735	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT3G09010) mRNA, complete cds [NM_111735]
AT3G09020	7.62	0.00000181	0.00000172	0.00004379	0.00536585	NM_111736	ref|Arabidopsis thaliana lactosylceramide 4-alpha-galactosyltransferase (AT3G09020) mRNA, complete cds [NM_111736]
AT3G09160	-2.36	0.00049927	0.01953672	0.00052012	0.04230216	NM_111751	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT3G09160) mRNA, complete cds [NM_111751]
AT3G09270	6.37	0.0000678	0.0000678	0.00007983	0.00779698	NM_111761	ref|Arabidopsis thaliana glutathione S-transferase TAU 8 (GSTU8) mRNA, complete cds [NM_111761]
AT3G09410	8.43	0.00002312	0.00002312	0.00002808	0.00383686	NM_001161	ref|Arabidopsis thaliana Pectin lyase-like protein (AT3G09405) mRNA, complete cds [NM_001161129]
AT3G09440	3.24	0.00696657	0.00696657	0.00116475	0.04624232	NM_001202	ref|Arabidopsis thaliana protein heat shock protein 70-3 (AT3G09440) mRNA, complete cds [NM_001202918]
AT3G09450	-2.44	0.00316723	0.00237589	0.00029633	0.03101852	NM_111779	ref|Arabidopsis thaliana uncharacterized protein (AT3G09450) mRNA, complete cds [NM_111779]
AT3G09490	3.71	0.00015753	0.00013146	0.00056656	0.02921323	NM_111783	ref|Arabidopsis thaliana tetratricopeptide repeat domain-containing protein (AT3G09490) mRNA, complete cds [NM_111783]
AT3G09520	5.38	0.00003933	0.00002002	0.00015325	0.01235294	NM_111786	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70H4) mRNA, complete cds [NM_111786]
AT3G09810	2.17	0.00207156	0.00319914	0.00591995	0.13513377	NM_180218	ref|Arabidopsis thaliana Isocitrate dehydrogenase [NAD] catalytic subunit 6 (IDH-VI) mRNA, complete cds [NM_180218]
AT3G09830	5.81	0.00000543	0.00000543	0.00011367	0.01	NM_111818	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT3G09830) mRNA, complete cds [NM_111818]
AT3G09940	11.92	0.00000841	0.00000841	0.00000575	0.00132653	NM_111829	ref|Arabidopsis thaliana monodehydroascorbate reductase (NADH) (MDHAR) mRNA, complete cds [NM_111829]
AT3G09960	2	0.00374308	0.00202099	0.00803361	0.16618481	NM_111831	ref|Arabidopsis thaliana calcineurin-like metallo-phosphoesterase-like protein (AT3G09960) mRNA, complete cds [NM_111831]
AT3G09980	-2.07	0.00131843	0.018419	0.00208757	0.09374379	NM_111833	ref|Arabidopsis thaliana uncharacterized protein (AT3G09980) mRNA, complete cds [NM_111833]
AT3G10320	2.67	0.00014262	0.00014262	0.0020847	0.06767408	NM_111867	ref|Arabidopsis thaliana Glycosyltransferase family 61 protein (AT3G10320) mRNA, complete cds [NM_111867]
AT3G10405	-2.31	0.00156579	0.00109384	0.00055617	0.04412281	NM_148703	ref|Arabidopsis thaliana uncharacterized protein (AT3G10405) mRNA, complete cds [NM_148703]
AT3G10500	4.62	0.0000087	0.00247557	0.00024326	0.01679389	NM_111885	ref|Arabidopsis thaliana NAC domain containing protein 53 (NAC053) mRNA, complete cds [NM_111885]
AT3G10815	5.43	0.00003289	0.00003289	0.00014595	0.012	NM_202545	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT3G10815) mRNA, complete cds [NM_202545]
AT3G10940	-2.22	0.01064155	0.04328289	0.00114396	0.06726918	NM_111931	ref|Arabidopsis thaliana dual-specificity protein-like phosphatase 3 (AT3G10940) mRNA, complete cds [NM_111931]
AT3G10985	3	0.00027541	0.00152731	0.0013452	0.05039768	NM_202550	ref|Arabidopsis thaliana senescence associated protein 20 (SAG20) mRNA, complete cds [NM_202550]
AT3G11010	8.81	0.00001015	0.00001015	0.0000241	0.00355049	NM_111938	ref|Arabidopsis thaliana receptor like protein 34 (RLP34) mRNA, complete cds [NM_111938]
AT3G11080	2.86	0.00017817	0.00011471	0.00167912	0.05813936	NM_111945	ref|Arabidopsis thaliana receptor like protein 35 (RLP35) mRNA, complete cds [NM_111945]
AT3G11110	-2.18	0.00036218	0.00094829	0.00119925	0.06943662	NM_111948	ref|Arabidopsis thaliana RING-H2 finger protein ATL66 (AT3G11110) mRNA, complete cds [NM_111948]
AT3G11340	31.29	0.00000106	0.00000106	0	0	NM_111968	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT3G11340) mRNA, complete cds [NM_111968]
AT3G11402	2.26	0.00289575	0.00229575	0.00494206	0.11982842	NM_148710	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT3G11402) mRNA, complete cds [NM_148710]
AT3G11490	-2	0.00513808	0.0180232	0.00330517	0.12092233	NM_111982	ref|Arabidopsis thaliana rac GTPase activating protein (AT3G11490) mRNA, complete cds [NM_111982]
AT3G11580	3.08	0.00006332	0.0079607	0.00116188	0.04616872	NM_111991	ref|Arabidopsis thaliana AP2/B3 domain-containing protein (AT3G11580) mRNA, complete cds [NM_111991]
AT3G11690	-2.12	0.00809441	0.01698645	0.00157983	0.08145952	NM_112001	ref|Arabidopsis thaliana uncharacterized protein (AT3G11690) mRNA, complete cds [NM_112001]
AT3G11820	6.03	0.00000499	0.00000499	0.00010106	0.00915832	NM_112015	ref|Arabidopsis thaliana syntaxin-121 (SYP121) mRNA, complete cds [NM_112015]
AT3G11840	11.06	0.00000435	0.00000435	0.00000862	0.00178082	NM_112017	ref|Arabidopsis thaliana plant U-box 24 protein (PUB24) mRNA, complete cds [NM_112017]
AT3G12110	-2.45	0.00038096	0.00035291	0.00027731	0.02964539	NM_112046	ref|Arabidopsis thaliana actin-11 (ACT11) mRNA, complete cds [NM_112046]
AT3G12150	-2.01	0.01064901	0.00809441	0.00388921	0.13253203	NM_112050	ref|Arabidopsis thaliana uncharacterized protein (AT3G12150) mRNA, complete cds [NM_112050]
AT3G12220	2.24	0.00024435	0.00079276	0.00457563	0.11381188	NM_112058	ref|Arabidopsis thaliana serine carboxypeptidase-like 16 (scpl16) mRNA, complete cds [NM_112058]
AT3G12360	2	0.0082538	0.00202099	0.00816453	0.16820046	NM_112071	ref|Arabidopsis thaliana ankyrin repeats-containing protein (ITN1) mRNA, complete cds [NM_112071]
AT3G12500	5.24	0.00012922	0.00012922	0.00017161	0.01321976	NM_112085	ref|Arabidopsis thaliana chitinase (HCHIB) mRNA, complete cds [NM_112085]
AT3G12580	4.43	0.00658194	0.00658194	0.00034034	0.02105335	NM_112093	ref|Arabidopsis thaliana heat shock protein 70-4 (HSP70) mRNA, complete cds [NM_112093]
AT3G12610	-2.55	0.0001264	0.00279233	0.00021031	0.02536	NM_112096	ref|Arabidopsis thaliana DNA-damage-repair/toleration protein DRT100 (DRT100) mRNA, complete cds [NM_112096]
AT3G12740	3.25	0.00035503	0.00035503	0.00100287	0.04199074	NM_112110	ref|Arabidopsis thaliana ALA-interacting subunit 1 (ALIS1) mRNA, complete cds [NM_112110]
AT3G12830	3.71	0.00221151	0.00013146	0.00064595	0.03144241	NM_112119	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G12830) mRNA, complete cds [NM_112119]
AT3G12910	3.58	0.0000305	0.00011471	0.00064087	0.03136364	NM_112127	ref|Arabidopsis thaliana no apical meristem domain-containing transcriptional regulator (AT3G12910) mRNA, complete cds [NM_112127]

AT3G13000	-2.62	0.00169217	0.00273392	0.00010482	0.01680851	NM_202568	ref|Arabidopsis thaliana uncharacterized protein (AT3G13000) mRNA, complete cds [NM_202568]
AT3G13061	-2.68	0.00559518	0.00642269	0.00009907	0.016	A_84_P7628	Unknown
AT3G13080	8.59	0.00003046	0.00003046	0.00002587	0.00370253	NM_202571	ref|Arabidopsis thaliana ABC transporter C family member 3 (MRP3) mRNA, complete cds [NM_202571]
AT3G13090	2.17	0.00107332	0.00319914	0.00528417	0.12543307	NM_112148	ref|Arabidopsis thaliana multidrug resistance-associated protein 8 (MRP8) mRNA, complete cds [NM_112148]
AT3G13100	2.97	0.00035805	0.0009581	0.00146395	0.0530024	NM_112149	ref|Arabidopsis thaliana ABC transporter C family member 7 (MRP7) mRNA, complete cds [NM_112149]
AT3G13110	2.55	0.00125043	0.00023842	0.00255352	0.07713427	NM_112150	ref|Arabidopsis thaliana serine acetyltransferase 3 (SERAT2;2) mRNA, complete cds [NM_112150]
AT3G13310	2.03	0.00717736	0.00506757	0.00821185	0.16894449	NM_112176	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT3G13310) mRNA, complete cds [NM_112176]
AT3G13330	2.65	0.00136492	0.00025475	0.00250951	0.07636608	NM_112178	ref|Arabidopsis thaliana proteasome activator subunit 4 (PA200) mRNA, complete cds [NM_112178]
AT3G13380	3.19	0.00006686	0.0046523	0.00102079	0.04258303	NM_112183	ref|Arabidopsis thaliana receptor-like protein kinase BRI1-like 3 (BRL3) mRNA, complete cds [NM_112183]
AT3G13437	2.04	0.00375272	0.00928674	0.00746793	0.15891765	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT3G13437) mRNA, complete cds [NM_001084676]
AT3G13520	-2.6	0.00745382	0.01260257	0.00019261	0.02406077	NM_112198	ref|Arabidopsis thaliana arabinogalactan protein 12 (AGP12) mRNA, complete cds [NM_112198]
AT3G13600	2.62	0.00059362	0.00042733	0.00239982	0.07417635	NM_112206	ref|Arabidopsis thaliana calmodulin-binding protein-like protein (AT3G13600) mRNA, complete cds [NM_112206]
AT3G13610	9.82	0.00010309	0.00010309	0.00001327	0.00238095	NM_112207	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT3G13610) mRNA, complete cds [NM_112207]
AT3G13750	-2.45	0.00065031	0.00035291	0.00030938	0.03172336	NM_112225	ref|Arabidopsis thaliana beta galactosidase 1 (BGAL1) mRNA, complete cds [NM_112225]
AT3G13790	8.59	0.0000742	0.00003046	0.00002388	0.00355263	NM_001202	ref|Arabidopsis thaliana beta-fructofuranosidase (ATBFRUCT1) mRNA, complete cds [NM_001202952]
AT3G13910	3.61	0.00037974	0.00037974	0.00064507	0.03143319	NM_112245	ref|Arabidopsis thaliana uncharacterized protein (AT3G13910) mRNA, complete cds [NM_112245]
AT3G13950	18.03	0.0000012	0.0000012	0.00000044	0.00022472	NM_112249	ref|Arabidopsis thaliana uncharacterized protein (AT3G13950) mRNA, complete cds [NM_112249]
AT3G13980	-3.13	0.00062298	0.00062298	0.00002278	0.00746377	NM_112252	ref|Arabidopsis thaliana uncharacterized protein (AT3G13980) mRNA, complete cds [NM_112252]
AT3G14050	3.47	0.00362535	0.00103291	0.00084675	0.03746575	NM_112259	ref|Arabidopsis thaliana RelA-SpoT like protein RSH2 (RSH2) mRNA, complete cds [NM_112259]
AT3G14225	7.02	0.00000268	0.00000268	0.00006081	0.0066586	NM_112280	ref|Arabidopsis thaliana GDSL esterase/lipase 4 (GLIP4) mRNA, complete cds [NM_112280]
AT3G14280	2.46	0.00091295	0.00369727	0.00314662	0.08815985	NM_112286	ref|Arabidopsis thaliana uncharacterized protein (AT3G14280) mRNA, complete cds [NM_112286]
AT3G14420	-2.49	0.00149078	0.00080297	0.00027399	0.02957041	NM_001084	ref|Arabidopsis thaliana putative peroxisomal (S)-2-hydroxy-acid oxidase 2 (AT3G14420) mRNA, complete cds [NM_001084686]
AT3G14470	3.96	0.000021	0.00048815	0.00042946	0.02467598	NM_112307	ref|Arabidopsis thaliana putative disease resistance RPP13-like protein 1 (AT3G14470) mRNA, complete cds [NM_112307]
AT3G14595	-2.13	0.00066877	0.00142272	0.00152853	0.07935706	NM_112320	ref|Arabidopsis thaliana ribosomal protein L18ae family protein (AT3G14595) mRNA, complete cds [NM_112320]
AT3G14620	7.13	0.00002451	0.00002451	0.00005529	0.00623441	NM_112323	ref|Arabidopsis thaliana cytochrome P450, family 72, subfamily A, polypeptide 8 (CYP72A8) mRNA, complete cds [NM_112323]
AT3G14650	-2.08	0.00680791	0.00099138	0.00175807	0.08502674	NM_112326	ref|Arabidopsis thaliana cytochrome P450, family 72, subfamily A, polypeptide 11 (CYP72A11) mRNA, complete cds [NM_112326]
AT3G14760	-2.59	0.00009342	0.00009342	0.00017138	0.0222063	NM_112337	ref|Arabidopsis thaliana uncharacterized protein (AT3G14760) mRNA, complete cds [NM_112337]
AT3G14810	-3.09	0.00067813	0.00011599	0.00001902	0.00671875	NM_112342	ref|Arabidopsis thaliana mechanosensitive channel of small conductance-like 5 (MSL5) mRNA, complete cds [NM_112342]
AT3G14840	2.21	0.02992319	0.00350233	0.0064299	0.14337278	NM_112345	ref|Arabidopsis thaliana Leucine-rich repeat transmembrane protein kinase (AT3G14840) mRNA, complete cds [NM_112345]
AT3G14980	-2.26	0.00376485	0.00039303	0.00078549	0.05422901	NM_112360	ref|Arabidopsis thaliana Acyl-CoA N-acyltransferase with RING/FYVE/PHD-type zinc finger domain (AT3G14980) mRNA, complete cds [NM_1123
AT3G14990	5.01	0.0006197	0.0006197	0.00018996	0.01431667	NM_001035	ref|Arabidopsis thaliana class I glutamine amidotransferase domain-containing protein (AT3G14990) mRNA, complete cds [NM_001035621]
AT3G15210	3.51	0.00022083	0.00012876	0.00074834	0.0348866	NM_112384	ref|Arabidopsis thaliana ethylene-responsive transcription factor 4 (ERF4) mRNA, complete cds [NM_112384]
AT3G15340	2.79	0.00012564	0.00012564	0.00175984	0.06019667	NM_112397	ref|Arabidopsis thaliana proton pump interactor 2 (PPI2) mRNA, complete cds [NM_112397]
AT3G15352	3.05	0.003804	0.00023791	0.00133923	0.05025726	NM_112400	ref|Arabidopsis thaliana cytochrome c oxidase subunit XVII assembly protein (COX17) mRNA, complete cds [NM_112400]
AT3G15356	20.73	0.00000417	0.00000417	0.00000022	0.00014085	NM_148726	ref|Arabidopsis thaliana lectin-like protein (AT3G15356) mRNA, complete cds [NM_148726]
AT3G15480	-2.05	0.00159038	0.01710305	0.00264087	0.1054947	NM_112416	ref|Arabidopsis thaliana uncharacterized protein (AT3G15480) mRNA, complete cds [NM_112416]
AT3G15500	4.77	0.00009435	0.00009435	0.00023043	0.01620529	NM_112418	ref|Arabidopsis thaliana NAC domain-containing protein 55 (NAC3) mRNA, complete cds [NM_112418]
AT3G15518	25.52	0.00000115	0.0000011	0	0	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT3G15518) mRNA, complete cds [NM_001125163]
AT3G15570	-4.3	0.00132109	0.00064304	0.00000066	0.00083333	NM_112425	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (AT3G15570) mRNA, complete cds [NM_112425]
AT3G15690	-2.35	0.00697109	0.01888052	0.00044361	0.03835564	NM_180260	ref|Arabidopsis thaliana putative acetyl-CoA carboxylase biotin-containing subunit (AT3G15690) mRNA, complete cds [NM_180260]
AT3G15760	2.67	0.00027541	0.00014262	0.00216895	0.06921665	NM_112446	ref|Arabidopsis thaliana uncharacterized protein (AT3G15760) mRNA, complete cds [NM_112446]
AT3G15970	-2.35	0.00648355	0.01888052	0.00052632	0.04265233	NM_112467	ref|Arabidopsis thaliana NUP50 protein (AT3G15970) mRNA, complete cds [NM_112467]
AT3G16030	2.49	0.00423996	0.00481557	0.00320544	0.08925493	NM_112473	ref|Arabidopsis thaliana lectin receptor kinase CES101 (CES101) mRNA, complete cds [NM_112473]
AT3G16180	-2.22	0.00826254	0.04328289	0.00101526	0.06271858	NM_112489	ref|Arabidopsis thaliana major facilitator protein (AT3G16180) mRNA, complete cds [NM_112489]
AT3G16240	-2.47	0.00215491	0.01066583	0.00030186	0.03130734	NM_112495	ref|Arabidopsis thaliana aquaporin TIP2-1 (DELTA-TIP) mRNA, complete cds [NM_112495]
AT3G16250	-2.54	0.00109713	0.00051024	0.00022247	0.0264042	NM_112496	ref|Arabidopsis thaliana NDH-dependent cyclic electron flow 1 (NDF4) mRNA, complete cds [NM_112496]
AT3G16370	-2.05	0.01397899	0.01710305	0.00257032	0.10424215	NM_112508	ref|Arabidopsis thaliana GDSL esterase/lipase APG (AT3G16370) mRNA, complete cds [NM_112508]
AT3G16510	4.23	0.00001651	0.00001651	0.00034387	0.02124317	NM_112522	ref|Arabidopsis thaliana Calcium-dependent lipid-binding domain-containing protein (AT3G16510) mRNA, complete cds [NM_112522]
AT3G16530	9.47	0.00003933	0.00003933	0.00001393	0.00240458	NM_112525	ref|Arabidopsis thaliana legume lectin-like protein (AT3G16530) mRNA, complete cds [NM_112525]
AT3G16565	3.69	0.00004406	0.0003584	0.000569	0.02930524	NM_148728	ref|Arabidopsis thaliana putative nucleotide binding protein (AT3G16565) mRNA, complete cds [NM_148728]
AT3G16690	-2.08	0.00133947	0.00099138	0.00197192	0.09117587	NM_112542	ref|Arabidopsis thaliana nodulin MtN3-like protein (AT3G16690) mRNA, complete cds [NM_112542]
AT3G16720	3.15	0.00004296	0.00043913	0.00108868	0.04455204	NM_112545	ref|Arabidopsis thaliana RING-H2 finger protein ATL2 (ATL2) mRNA, complete cds [NM_112545]
AT3G16950	-2.38	0.0075971	0.0038045	0.00043078	0.03760618	NM_112571	ref|Arabidopsis thaliana lipoamide dehydrogenase 1 (LPD1) mRNA, complete cds [NM_112571]
AT3G16990	2.8	0.00058402	0.00058402	0.00190248	0.06377317	NM_112575	ref|Arabidopsis thaliana heme oxygenase-like, multi-helical protein (AT3G16990) mRNA, complete cds [NM_112575]
AT3G17110	3.15	0.00098541	0.00043913	0.00111566	0.04524664	TC397277	tc|Rep: Arabidopsis thaliana genomic DNA, chromosome 3, TAC clone:K14A17 - Arabidopsis thaliana (Mouse-ear cress), partial (95%) [TC397277]
AT3G17240	3.47	0.00030731	0.00103291	0.00076979	0.035412	NM_112601	ref|Arabidopsis thaliana dihydrolipoyl dehydrogenase 2 (mtLPD2) mRNA, complete cds [NM_112601]
AT3G17410	2	0.00951239	0.00202099	0.00147064	0.18076253	NM_112620	ref|Arabidopsis thaliana putative serine/threonine protein kinase (AT3G17410) mRNA, complete cds [NM_112620]
AT3G17510	-2.06	0.00119743	0.00300431	0.00232043	0.09983825	NM_112631	ref|Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 1 (CIPK1) mRNA, complete cds [NM_112631]
AT3G17609	2.02	0.00205212	0.00347273	0.00766387	0.16149115	NM_001035	ref|Arabidopsis thaliana transcription factor HY5-like protein (HYH) mRNA, complete cds [NM_001035640]
AT3G17640	-3.31	0.00002637	0.00002637	0.00000818	0.00397849	NM_112645	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT3G17640) mRNA, complete cds [NM_112645]
AT3G17700	3.95	0.00080397	0.00080397	0.00048739	0.02655422	NM_112651	ref|Arabidopsis thaliana cyclic nucleotide gated channel (CNBT1) mRNA, complete cds [NM_112651]
AT3G17780	2.38	0.00387121	0.00435732	0.00366984	0.09744568	NM_112659	ref|Arabidopsis thaliana uncharacterized protein (AT3G17780) mRNA, complete cds [NM_112659]
AT3G17790	4.91	0.00009991	0.0000635	0.00020898	0.01521739	NM_112660	ref|Arabidopsis thaliana purple acid phosphatase 17 (PAP17) mRNA, complete cds [NM_112660]
AT3G17810	2.36	0.00546535	0.001021	0.00379898	0.09999418	NM_112662	ref|Arabidopsis thaliana pyrimidine 1 (PYD1) mRNA, complete cds [NM_112662]
AT3G18050	-2.3	0.00161754	0.00719695	0.00066342	0.04983389	NM_112687	ref|Arabidopsis thaliana uncharacterized protein (AT3G18050) mRNA, complete cds [NM_112687]
AT3G18250	14.34	0.00000268	0.00000268	0.00000265	0.0008	NM_112709	ref|Arabidopsis thaliana Putative membrane lipoprotein (AT3G18250) mRNA, complete cds [NM_112709]
AT3G18370	2.37	0.00829199	0.00027379	0.00439142	0.11044494	NM_112722	ref|Arabidopsis thaliana C2 domain-containing protein (ATSYTF) mRNA, complete cds [NM_112722]
AT3G18390	-2.19	0.00559295	0.00155131	0.00138014	0.07420927	NM_112724	ref|Arabidopsis thaliana CRS1 / YhbY (CRM) domain-containing protein (EMB1865) mRNA, complete cds [NM_112724]
AT3G18410	2.01	0.00982443	0.00354347	0.00842592	0.17178539	NM_112726	ref|Arabidopsis thaliana NADH dehydrogenase (ubiquinone) 1 beta subcomplex 10 (AT3G18410) mRNA, complete cds [NM_112726]
AT3G18560	2.06	0.00203548	0.00370388	0.0071977	0.15454891	NM_112742	ref|Arabidopsis thaliana uncharacterized protein (AT3G18560) mRNA, complete cds [NM_112742]
AT3G18830	4.33	0.00004734	0.00866043	0.00030871	0.01955182	NM_112769	ref|Arabidopsis thaliana Polyol transporter 5 (PMT5) mRNA, complete cds [NM_112769]
AT3G18850	-2.01	0.00065458	0.00809441	0.00283016	0.10985408	NM_001084	ref|Arabidopsis thaliana lysocardiolipin and lysophospholipid acyltransferase (LPAT5) mRNA, complete cds [NM_001084714]
AT3G19010	6.43	0.00001694	0.00001694	0.00007851	0.00771739	NM_001203	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT3G19010) mRNA, complete cds [NM_001203002]
AT3G19030	2.8	0.00369195	0.00058402	0.00212384	0.06845331	NM_112789	ref|Arabidopsis thaliana uncharacterized protein (AT3G19030) mRNA, complete cds [NM_112789]
AT3G19260	2.73	0.00440612	0.00009991	0.00237262	0.07363761	NM_112813	ref|Arabidopsis thaliana LAG1 longevity assurance homolog 2 (LOH2) mRNA, complete cds [NM_112813]
AT3G19480	-2.98	0.00529985	0.00040052	0.0000533	0.0114218	NM_112835	ref|Arabidopsis thaliana D-3-phosphoglycerate dehydrogenase (AT3G19480) mRNA, complete cds [NM_112835]
AT3G19580	5.4	0.000015	0.000015	0.00014971	0.01217626	NM_112848	ref|Arabidopsis thaliana zinc-finger protein 2 (ZF2) mRNA, complete cds [NM_112848]
AT3G19615	5.99	0.00004783	0.00004783	0.00010062	0.00915493	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT3G19615) mRNA, complete cds [NM_001084720]
AT3G19660	3.33	0.00036382	0.00036382	0.00088147	0.03836381	NM_112856	ref|Arabidopsis thaliana uncharacterized protein (AT3G19660) mRNA, complete cds [NM_112856]
AT3G19680	-2.3	0.00385122	0.00719695	0.00076249	0.05345736	NM_112858	ref|Arabidopsis thaliana uncharacterized protein (AT3G19680) mRNA, complete cds [NM_112858]
AT3G19850	-2.93	0.00017831	0.00017831	0.00003339	0.00920732	NM_112875	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (AT3G19850) mRNA, complete cds [NM_112875]
AT3G19930	2.78	0.00040347	0.00012828	0.00192702	0.06445266	NM_112883	ref|Arabidopsis thaliana sugar transport protein 4 (STP4) mRNA, complete cds [NM_112883]
AT3G19970	2.81	0.00009067	0.00157817	0.00172623	0.05931611	NM_112887	ref|Arabidopsis thaliana uncharacterized protein (AT3G19970) mRNA, complete cds [NM_112887]
AT3G20130	-2.23	0.00043343	0.00133724	0.0009257	0.05962963	NM_112904	ref|Arabidopsis thaliana cytochrome P450, family 705, subfamily A, polypeptide 22 (CYP705A22) mRNA, complete cds [NM_112904]
AT3G20250	2.11	0.00237668	0.01879448	0.00645798	0.14357424	NM_112916	ref|Arabidopsis thaliana pumilio 5 (PUM5) mRNA, complete cds [NM_112916]
AT3G20410	3.5	0.00012521	0.00079614	0.00072954	0.03425753	NM_112932	ref|Arabidopsis thaliana calmodulin-domain protein kinase 9 (CPK9) mRNA, complete cds [NM_112932]
AT3G20510	2.64	0.00304527	0.00408384	0.00249403	0.07609987	NM_112943	ref|Arabidopsis thaliana Transmembrane proteins 14C (AT3G20510) mRNA, complete cds [NM_112943]
AT3G20820	-2.14	0.00544518	0.02737822	0.00175829	0.08494658	NM_112973	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT3G20820) mRNA, complete cds [NM_112973]
AT3G21080	6.32	0.00004928	0.00004928	0.00008182	0.00790598	NM_113002	ref|Arabidopsis thaliana ABC transporter-like protein (AT3G21080) mRNA, complete cds [NM_113002]
AT3G21140	2.16	0.00149078	0.00709441	0.00572048	0.13218191	NM_113008	ref|Arabidopsis thaliana Pyridoxamine 5'-phosphate oxidase family protein (AT3G21140) mRNA, complete cds [NM_113008]
AT3G21150	2.12	0.00486157	0.00609669	0.00649359	0.14401177	NM_113009	ref|Arabidopsis thaliana B-box 32 protein (BBX32) mRNA, complete cds [NM_113009]
AT3G21230	2.01	0.01129375	0.00354347	0.00913357	0.1802007	NM_113018	ref|Arabidopsis thaliana 4-coumarate--CoA ligase 4 (4CL5) mRNA, complete cds [NM_113018]
AT3G21260	-2.22	0.00188697	0.04328289	0.00125011	0.07092848	NM_001161	ref|Arabidopsis thaliana Glycolipid transfer protein (GLTP) family protein (AT3G21260) mRNA, complete cds [NM_001161160]
AT3G21360	-2.08	0.00411183	0.00099138	0.00246418	0.10194876	NM_113031	ref|Arabidopsis thaliana clavaminate synthase-like protein (AT3G21360) mRNA, complete cds [NM_113031]
AT3G21390	-2.01	0.00099236	0.00809441	0.00282928	0.1100086	NM_113034	ref|Arabidopsis thaliana Mitochondrial substrate carrier family protein (AT3G21390) mRNA, complete cds [NM_113034]
AT3G21520	23.78	0.00001996	0.00001996	0	0	NM_113047	ref|Arabidopsis thaliana DUF679 domain membrane protein 1 (DMP1) mRNA, complete cds [NM_113047]
AT3G21630	2.24	0.00067417	0.00079276	0.00463556	0.11486027	NM_113058	ref|Arabidopsis thaliana chitin elicitor receptor kinase 1 (CERK1) mRNA, complete cds [NM_113058]
AT3G21670	-3.32	0.00051454	0.00051454	0.0000073	0.00370787	NM_113062	ref|Arabidopsis thaliana major facilitator protein (AT3G21670) mRNA, complete cds [NM_113062]
AT3G21780	16.34	0.00000121	0.00000121	0.00000088	0.00035088	NM_113073	ref|Arabidopsis thaliana UDP-glucosyl transferase 71B6 (UGT71B6) mRNA, complete cds [NM_113073]
AT3G21781	3.23	0.00005933	0.00005933	0.00097656	0.04127103	A_84_P7625	Unknown
AT3G21870	-2.46	0.00121198	0.00366616	0.00035537	0.03390295	NM_113083	ref|Arabidopsis thaliana cyclin-U1-1 (CYCP2;1) mRNA, complete cds [NM_113083]
AT3G22060	6.39	0.00079625	0.00000461	0.00007718	0.00768722	NM_113102	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 38 (AT3G22060) mRNA, complete cds [NM_113102]
AT3G22142	-2.38	0.00222454	0.0038045	0.00049381	0.04067395	NM_001084	ref|Arabidopsis thaliana bifunctional inhibitor/lipid transfer protein/seed storage protein-like protein (AT3G22142) mRNA, complete cds [NM_00
AT3G22160	8.01	0.00002273	0.00002273	0.00003693	0.00470423	NM_113113	ref|Arabidopsis thaliana VQ motif-containing protein (AT3G22160) mRNA, complete cds [NM_113113]
AT3G22210	-2.11	0.0055801	0.00433068	0.00204931	0.09313568	NM_113118	ref|Arabidopsis thaliana uncharacterized protein (AT3G22210) mRNA, complete cds [NM_113118]
AT3G22231	6.52	0.00055223	0.00055223	0.00007452	0.00760722	NM_113121	ref|Arabidopsis thaliana pathogen and circadian controlled 1 (PCC1) mRNA, complete cds [NM_113121]
AT3G22235	41.44	0.00599217	0.00599217	0	0	NM_180292	ref|Arabidopsis thaliana uncharacterized protein (AT3G22235) mRNA, complete cds [NM_180292]
AT3G22240	4.39	0.00001843	0.00001843	0.00029036	0.01873039	NM_113122	ref|Arabidopsis thaliana uncharacterized protein (AT3G22240) mRNA, complete cds [NM_113122]
AT3G22370	2.18	0.00074266	0.00105878	0.00541	0.12761607	NM_113135	ref|Arabidopsis thaliana alternative oxidase 1A (AOX1A) mRNA, complete cds [NM_113135]
AT3G22460	2.13	0.00914619	0.01304415	0.00644958	0.14352854	NM_113145	ref|Arabidopsis thaliana cysteine synthase A (OASA2) mRNA, complete cds [NM_113145]
AT3G22600	61.73	0.0000012	0.0000012	0	0	NM_113159	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT3G22600) mRNA, complete cds [NM
AT3G22620	3.15	0.0003048	0.00043913	0.00110062	0.04495935	NM_113160	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT3G22620) mRNA, complete cds [NM
AT3G22890	3.12	0.00020724	0.00005774	0.00115038	0.04587302	NM_113189	ref|Arabidopsis thaliana ATP sulfurylase 1 (APS1) mRNA, complete cds [NM_113189]
AT3G22910	2.01	0.00532883	0.00354347	0.00856391	0.17327069	NM_113191	ref|Arabidopsis thaliana Ca2+-transporting ATPase (AT3G22910) mRNA, complete cds [NM_113191]
AT3G22945	2.03	0.00297958	0.00506757	0.00781955	0.16340111	NM_180415	ref|Arabidopsis thaliana G-protein gamma subunit 2 (AGG2) mRNA, complete cds [NM_180415]
AT3G23010	3.41	0.00002422	0.00004195	0.00077864	0.03542254	NM_113201	ref|Arabidopsis thaliana receptor like protein 36 (RLP36) mRNA, complete cds [NM_113201]
AT3G23080	-2.61	0.00045012	0.00020115	0.00016807	0.02209302	NM_113208	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT3G23080) mRNA, complete cds [NM_113208]
AT3G23110	2.65	0.00012291	0.00025475	0.00219659	0.0699507	NM_113212	ref|Arabidopsis thaliana receptor like protein 37 (RLP37) mRNA, complete cds [NM_113212]
AT3G23120	9.22	0.00023143	0.00023143	0.00001636	0.00273063	NM_113213	ref|Arabidopsis thaliana receptor like protein 38 (RLP38) mRNA, complete cds [NM_113213]

AT3G23230	2.55	0.00059241	0.00023842	0.00261389	0.07812293	NM_113224	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF098 (AT3G23230) mRNA, complete cds [NM_113224]
AT3G23240	11.18	0.00000252	0.00000252	0.00000862	0.00178899	NM_113225	ref|Arabidopsis thaliana ethylene-responsive transcription factor 1B (ERF1) mRNA, complete cds [NM_113225]
AT3G23250	11.37	0.00000252	0.00000252	0.00000796	0.00173077	NM_001035	ref|Arabidopsis thaliana myb domain protein 15 (MYB15) mRNA, complete cds [NM_001035670]
AT3G23450	-2.28	0.00779524	0.00104319	0.0009644	0.06125	NM_113248	ref|Arabidopsis thaliana uncharacterized protein (AT3G23450) mRNA, complete cds [NM_113248]
AT3G23480	-2.14	0.00197991	0.02737822	0.00169814	0.08401532	NM_001203	ref|Arabidopsis thaliana Cyclopropane-fatty-acyl-phospholipid synthase (AT3G23480) mRNA, complete cds [NM_001203025]
AT3G23510	2	0.00152766	0.00202099	0.00764728	0.16121678	NM_113254	ref|Arabidopsis thaliana Cyclopropane-fatty-acyl-phospholipid synthase (AT3G23510) mRNA, complete cds [NM_113254]
AT3G23530	2.2	0.0036413	0.00111929	0.00521981	0.12449367	NM_113256	ref|Arabidopsis thaliana Cyclopropane-fatty-acyl-phospholipid synthase (AT3G23530) mRNA, complete cds [NM_113256]
AT3G23550	15.18	0.00000537	0.00000537	0.00000199	0.00065217	NM_113258	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT3G23550) mRNA, complete cds [NM_113258]
AT3G23570	3.13	0.00010138	0.00025062	0.00108625	0.04449275	NM_113260	ref|Arabidopsis thaliana dienelactone hydrolase family protein (AT3G23570) mRNA, complete cds [NM_113260]
AT3G23760	-2.1	0.00958005	0.0080778	0.00148673	0.07799304	NM_113280	ref|Arabidopsis thaliana uncharacterized protein (AT3G23760) mRNA, complete cds [NM_113280]
AT3G23805	-3.01	0.00128316	0.0003558	0.00003494	0.00940476	NM_113285	ref|Arabidopsis thaliana protein ralf-like 24 (RALFL24) mRNA, complete cds [NM_113285]
AT3G23880	-2.16	0.00135255	0.01295968	0.00125586	0.07116541	NM_113293	ref|Arabidopsis thaliana F-box/kelch-repeat protein (AT3G23880) mRNA, complete cds [NM_113293]
AT3G24090	3.29	0.00021468	0.00021468	0.00093034	0.04002854	NM_113314	ref|Arabidopsis thaliana putative glucosamine-fructose-6-phosphate aminotransferase (AT3G24090) mRNA, complete cds [NM_113314]
AT3G24170	2.09	0.0075465	0.0035116	0.00678815	0.14843327	NM_113322	ref|Arabidopsis thaliana glutathione reductase, cytosolic (GR1) mRNA, complete cds [NM_113322]
AT3G24503	3.51	0.00051145	0.00012876	0.00072667	0.034158	NM_113359	ref|Arabidopsis thaliana aldehyde dehydrogenase 2C4 (ALDH2C4) mRNA, complete cds [NM_113359]
AT3G24900	2.01	0.00051904	0.00354347	0.00745843	0.15886481	NM_113402	ref|Arabidopsis thaliana receptor like protein 39 (RLP39) mRNA, complete cds [NM_113402]
AT3G25010	7.42	0.00005037	0.00005037	0.00004423	0.00533333	NM_113405	ref|Arabidopsis thaliana receptor like protein 41 (RLP41) mRNA, complete cds [NM_113405]
AT3G25020	3.26	0.00145733	0.00029315	0.00100022	0.04199629	NM_113406	ref|Arabidopsis thaliana receptor like protein 42 (RLP42) mRNA, complete cds [NM_113406]
AT3G25070	2.19	0.02279246	0.00053923	0.00573021	0.13233912	NM_113411	ref|Arabidopsis thaliana RPM1 interacting protein 4 (RIN4) mRNA, complete cds [NM_113411]
AT3G25250	3.02	0.00013366	0.00013366	0.00132021	0.04975	NM_113431	ref|Arabidopsis thaliana serine/threonine-protein kinase OXI1 (AGC2-1) mRNA, complete cds [NM_113431]
AT3G25600	3.71	0.00010677	0.00013146	0.00057607	0.02940181	NM_113458	ref|Arabidopsis thaliana putative calcium-binding protein CML16 (AT3G25600) mRNA, complete cds [NM_113458]
AT3G25610	9.25	0.00004034	0.00000958	0.00001747	0.00283154	NM_113459	ref|Arabidopsis thaliana phospholipid-transporting ATPase 10 (AT3G25610) mRNA, complete cds [NM_113459]
AT3G25670	-3.11	0.00191722	0.00064797	0.00002764	0.00816993	NM_113466	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT3G25670) mRNA, complete cds [NM_113466]
AT3G25760	2.43	0.01497154	0.01497154	0.00398739	0.10327033	NM_113475	ref|Arabidopsis thaliana allene oxide cyclase 1 (AOC1) mRNA, complete cds [NM_113475]
AT3G25770	2.14	0.00162949	0.00180611	0.00591995	0.13520202	NM_113476	ref|Arabidopsis thaliana allene oxide cyclase 2 (AOC2) mRNA, complete cds [NM_113476]
AT3G25780	4.33	0.00004928	0.00866043	0.00030761	0.01950912	NM_113477	ref|Arabidopsis thaliana allene oxide cyclase 3 (AOC3) mRNA, complete cds [NM_113477]
AT3G25882	23.15	0.00000143	0.00000143	0.00000022	0.00016393	NM_148752	ref|Arabidopsis thaliana NIM1-interacting 2 protein (NIMIN-2) mRNA, complete cds [NM_148752]
AT3G26060	-2.21	0.0016437	0.00229575	0.00124834	0.07091709	NM_113510	ref|Arabidopsis thaliana peroxiredoxin Q (ATPRX Q) mRNA, complete cds [NM_113510]
AT3G26090	2.22	0.01658582	0.00087028	0.00565679	0.13131417	NM_113514	ref|Arabidopsis thaliana regulator of G-protein signaling 1 (RGS1) mRNA, complete cds [NM_113514]
AT3G26170	2.57	0.00237612	0.00131387	0.00283215	0.08267915	NM_113524	ref|Arabidopsis thaliana cytochrome P450 71B19 (CYP71B19) mRNA, complete cds [NM_113524]
AT3G26210	14.15	0.00001064	0.00001064	0.00000287	0.00084967	NM_113528	ref|Arabidopsis thaliana cytochrome P450 71B23 (CYP71B23) mRNA, complete cds [NM_113528]
AT3G26220	2.68	0.00083359	0.00362481	0.002159	0.06924113	NM_113529	ref|Arabidopsis thaliana cytochrome P450 71B3 (CYP71B3) mRNA, complete cds [NM_113529]
AT3G26230	4.17	0.00270891	0.00007877	0.00041486	0.02420645	NM_113530	ref|Arabidopsis thaliana cytochrome P450 71B24 (CYP71B24) mRNA, complete cds [NM_113530]
AT3G26310	-2.33	0.00051842	0.00033396	0.0006433	0.04905565	NM_113538	ref|Arabidopsis thaliana cytochrome P450 71B35 (CYP71B35) mRNA, complete cds [NM_113538]
AT3G26440	11.38	0.00000874	0.00000874	0.00000774	0.00169082	NM_001203	ref|Arabidopsis thaliana uncharacterized protein (AT3G26440) mRNA, complete cds [NM_001203052]
AT3G26460	-2	0.00086878	0.0180232	0.00323463	0.11920945	NM_113553	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT3G26460) mRNA, complete cds [NM_113553]
AT3G26470	2.71	0.00033754	0.00020402	0.00208249	0.06765086	NM_113554	ref|Arabidopsis thaliana RPW8 domain-containing powdery mildew resistance protein (AT3G26470) mRNA, complete cds [NM_113554]
AT3G26500	9.63	0.00000971	0.00000971	0.00001393	0.00241379	NM_113557	ref|Arabidopsis thaliana plant intracellular ras group-related LRR 2 (PIRL2) mRNA, complete cds [NM_113557]
AT3G26520	-2.26	0.00132597	0.00039303	0.00079633	0.05456061	NM_113559	ref|Arabidopsis thaliana aquaporin TIP1-2 (TIP2) mRNA, complete cds [NM_113559]
AT3G26570	-2	0.00491214	0.0180232	0.003636	0.12775447	NM_180302	ref|Arabidopsis thaliana inorganic phosphate transporter 2-1 (PHT2;1) mRNA, complete cds [NM_180302]
AT3G26580	-2.08	0.02078853	0.00099138	0.0023222	0.09981939	NM_113566	ref|Arabidopsis thaliana uncharacterized protein (AT3G26580) mRNA, complete cds [NM_113566]
AT3G26600	2.13	0.00885009	0.01304415	0.00676006	0.1480339	NM_113569	ref|Arabidopsis thaliana armadillo repeat only 4 protein (ARO4) mRNA, complete cds [NM_113569]
AT3G26830	104.66	0.00000111	0.00000111	0	0	NM_113595	ref|Arabidopsis thaliana cytochrome P450 71B15 (PAD3) mRNA, complete cds [NM_113595]
AT3G26840	3.6	0.00063627	0.00063627	0.00067802	0.03261702	NM_113596	ref|Arabidopsis thaliana acyltransferase-like protein (AT3G26840) mRNA, complete cds [NM_113596]
AT3G26910	2.61	0.00030328	0.00045182	0.00240911	0.07436177	NM_001035	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT3G26910) mRNA, complete cds [NM_001035701]
AT3G26980	2.3	0.00194551	0.00194551	0.00448673	0.11234219	NM_113612	ref|Arabidopsis thaliana membrane-anchored ubiquitin-fold protein 4 (MUB4) mRNA, complete cds [NM_113612]
AT3G27160	-2.1	0.00950217	0.0080778	0.00219261	0.09598258	NM_113630	ref|Arabidopsis thaliana ribosomal protein S21 family protein (GHS1) mRNA, complete cds [NM_113630]
AT3G27380	2.1	0.00341896	0.0221732	0.00629191	0.14078179	NM_113653	ref|Arabidopsis thaliana succinate dehydrogenase [ubiquinone] iron-sulfur subunit 1 (SDH2-1) mRNA, complete cds [NM_113653]
AT3G27690	-2.6	0.00347273	0.01260257	0.00015789	0.02118694	NM_113685	ref|Arabidopsis thaliana photosystem II light harvesting complex protein 2,3 (LHCB2,3) mRNA, complete cds [NM_113685]
AT3G27770	-2.04	0.00304821	0.00110793	0.00233304	0.10009488	NM_001084	ref|Arabidopsis thaliana uncharacterized protein (AT3G27770) mRNA, complete cds [NM_001084750]
AT3G27960	-2.55	0.00076634	0.00279233	0.00019726	0.02450549	NM_113713	ref|Arabidopsis thaliana tetratricopeptide repeat domain-containing protein (AT3G27960) mRNA, complete cds [NM_113713]
AT3G28130	-2.11	0.00462614	0.00433068	0.00212981	0.0947001	NM_113731	ref|Arabidopsis thaliana nodulin MtN21 /EamA-like transporter protein (AT3G28130) mRNA, complete cds [NM_113731]
AT3G28200	-2.06	0.03480663	0.00300431	0.00241132	0.101527	NM_113739	ref|Arabidopsis thaliana peroxidase 31 (AT3G28200) mRNA, complete cds [NM_113739]
AT3G28210	9.09	0.00001016	0.00001016	0.00002101	0.00325342	NM_113740	ref|Arabidopsis thaliana zinc finger AN1 domain-containing stress-associated protein 12 (PMZ) mRNA, complete cds [NM_113740]
AT3G28220	-3.1	0.00053074	0.00053074	0.000023	0.00737589	NM_113741	ref|Arabidopsis thaliana TRAF-like family protein (AT3G28220) mRNA, complete cds [NM_113741]
AT3G28290	-2.18	0.01909561	0.00094829	0.00112671	0.06695138	NM_113748	ref|Arabidopsis thaliana uncharacterized protein (AT14A) mRNA, complete cds [NM_113748]
AT3G28340	7.61	0.00001973	0.00001973	0.00004334	0.0053406	NM_113753	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 10 (GATL10) mRNA, complete cds [NM_113753]
AT3G28450	2.74	0.00080742	0.0001347	0.00203118	0.0668	NM_113765	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT3G28450) mRNA, complete cds [NM_113765]
AT3G28480	2.64	0.00179071	0.00408384	0.00238633	0.07391096	NM_001203	ref|Arabidopsis thaliana prolyl 4-hydroxylase (AT3G28480) mRNA, complete cds [NM_001203065]
AT3G28510	5.37	0.00001504	0.00003324	0.00014794	0.01205405	NM_113771	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT3G28510) mRNA, complete cds [NM_113771]
AT3G28540	8.58	0.00000258	0.00000258	0.00002676	0.00374613	NM_113774	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT3G28540) mRNA, complete cds [NM_113774]
AT3G28550	-2.11	0.01452067	0.00433068	0.00172844	0.08504897	NM_113775	ref|Arabidopsis thaliana Proline-rich extensin-like family protein (AT3G28550) mRNA, complete cds [NM_113775]
AT3G28580	15.07	0.00000797	0.00000141	0.00000199	0.00066176	NM_113778	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT3G28580) mRNA, complete cds [NM_113778]
AT3G28850	3.19	0.0000305	0.0046523	0.00100487	0.04203515	NM_113806	ref|Arabidopsis thaliana Glutaredoxin-like protein (AT3G28850) mRNA, complete cds [NM_113806]
AT3G28890	2.66	0.00042733	0.0001248	0.00217028	0.06921016	NM_113810	ref|Arabidopsis thaliana receptor like protein 43 (RLP43) mRNA, complete cds [NM_113810]
AT3G28930	5.57	0.00004747	0.00011363	0.00013246	0.01117537	NM_113814	ref|Arabidopsis thaliana protein AIG2 (AIG2) mRNA, complete cds [NM_113814]
AT3G28940	3.62	0.00015233	0.00396555	0.00063069	0.03110142	NM_113815	ref|Arabidopsis thaliana AIG2-like protein (AT3G28940) mRNA, complete cds [NM_113815]
AT3G29000	11.58	0.00000412	0.00000412	0.00000752	0.00165049	NM_113821	ref|Arabidopsis thaliana putative calcium-binding protein CML30 (AT3G29000) mRNA, complete cds [NM_113821]
AT3G29075	2.16	0.00927625	0.00709441	0.00565657	0.13144399	NM_113830	ref|Arabidopsis thaliana glycine-rich protein (AT3G29075) mRNA, complete cds [NM_113830]
AT3G29400	2.6	0.00029207	0.00117458	0.00251813	0.076577	NM_113866	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70E1) mRNA, complete cds [NM_113866]
AT3G29725	3.13	0.00184872	0.00025062	0.00117514	0.0465324	A_84_P7598	Unknown
AT3G42800	-2.55	0.02175	0.00279233	0.00026448	0.02931373	NM_114148	ref|Arabidopsis thaliana uncharacterized protein (AT3G42800) mRNA, complete cds [NM_114148]
AT3G43720	-2.21	0.00351256	0.00229575	0.00107696	0.06484687	NM_001035	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT3G43720) mRNA, complete cds [NM
AT3G44020	-2.42	0.00374904	0.00016499	0.00046241	0.03930451	NM_114270	ref|Arabidopsis thaliana thylakoid lumenal P17,1 protein (AT3G44020) mRNA, complete cds [NM_114270]
AT3G44260	2.87	0.01418552	0.00024478	0.00213423	0.06869039	NM_114294	ref|Arabidopsis thaliana putative CCR4-associated factor 1-9 (AT3G44260) mRNA, complete cds [NM_114294]
AT3G44350	3.76	0.00004928	0.00004928	0.00052455	0.02784038	NM_001125	ref|Arabidopsis thaliana putative NAC domain-containing protein 61 (NAC061) mRNA, complete cds [NM_001125299]
AT3G44720	4.08	0.00021491	0.00021491	0.00040557	0.02394256	NM_114340	ref|Arabidopsis thaliana arogenate dehydratase 4 (ADT4) mRNA, complete cds [NM_114340]
AT3G44830	4.05	0.00033717	0.00006007	0.00040955	0.02402075	NM_114352	ref|Arabidopsis thaliana putative phospholipid:diacylglycerol acyltransferase 2 (AT3G44830) mRNA, complete cds [NM_114352]
AT3G44860	6.56	0.00001556	0.00001556	0.00007497	0.00758389	NM_114355	ref|Arabidopsis thaliana farnesoic acid carboxyl-O-methyltransferase (FAMT) mRNA, complete cds [NM_114355]
AT3G44870	5.32	0.00001654	0.00000415	0.00015789	0.01250438	NM_114356	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT3G44870) mRNA, complete cds [NM_114356]
AT3G44990	-4.22	0.00353567	0.00353567	0.00000066	0.00085714	NM_114368	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTR8) mRNA, complete cds [NM_114368]
AT3G45040	2.08	0.00779524	0.00903855	0.00780407	0.16322849	NM_114373	ref|Arabidopsis thaliana dolichol kinase (AT3G45040) mRNA, complete cds [NM_114373]
AT3G45060	2.18	0.00072549	0.00105878	0.00525232	0.12500526	NM_114375	ref|Arabidopsis thaliana high affinity nitrate transporter 2,6 (NRT2,6) mRNA, complete cds [NM_114375]
AT3G45140	2.64	0.01552042	0.00408384	0.00286488	0.08336551	NM_114383	ref|Arabidopsis thaliana lipoxygenase 2 (LOX2) mRNA, complete cds [NM_114383]
AT3G45210	-2.22	0.00109855	0.04328289	0.00099867	0.06220386	NM_114390	ref|Arabidopsis thaliana uncharacterized protein (AT3G45210) mRNA, complete cds [NM_114390]
AT3G45230	-2.01	0.00282347	0.00809441	0.00244914	0.10188592	NM_114392	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT3G45230) mRNA, complete cds [NM_114392]
AT3G45290	2.68	0.00018059	0.00362481	0.00215966	0.06921332	NM_114398	ref|Arabidopsis thaliana MLO-like protein 3 (MLO3) mRNA, complete cds [NM_114398]
AT3G45300	2.3	0.0015743	0.00194551	0.00408094	0.10473326	NM_114399	ref|Arabidopsis thaliana isovaleryl-CoA-dehydrogenase (IVD) mRNA, complete cds [NM_114399]
AT3G45330	2.91	0.00029217	0.00036907	0.0015042	0.0538559	NM_114402	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT3G45330) mRNA, complete cds [NM_114402]
AT3G45430	-2.75	0.00030731	0.00351044	0.00008647	0.01498084	NM_114412	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT3G45430) mRNA, complete cds [NM_114412]
AT3G45600	-2.72	0.00112225	0.00112225	0.00011875	0.01808081	NM_114429	ref|Arabidopsis thaliana tetraspanin3 (TET3) mRNA, complete cds [NM_114429]
AT3G45620	3.66	0.00036331	0.00036331	0.0006172	0.03067033	NM_114431	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT3G45620) mRNA, complete cds [NM_114431]
AT3G45640	4.02	0.00014365	0.00117255	0.00044272	0.02527778	NM_114433	ref|Arabidopsis thaliana extracellular signal-regulated kinase 1/2 (MPK3) mRNA, complete cds [NM_114433]
AT3G45650	2.1	0.00673738	0.0221732	0.00681778	0.14879344	NM_114434	ref|Arabidopsis thaliana nitrate excretion transporter1 (NAXT1) mRNA, complete cds [NM_114434]
AT3G45850	-2.38	0.00961574	0.0038045	0.00048165	0.04003676	NM_114454	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT3G45850) mRNA, complete cds [NM_114454]
AT3G45860	4.66	0.0003581	0.00002528	0.00025542	0.01721311	NM_114455	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 4 (CRK4) mRNA, complete cds [NM_114455]
AT3G45960	-2.7	0.00017487	0.00129386	0.00009686	0.0157554	NM_001035	ref|Arabidopsis thaliana expansin-like A3 (EXLA3) mRNA, complete cds [NM_001035738]
AT3G45970	-5.11	0.00004555	0.00004555	0	0	NM_114466	ref|Arabidopsis thaliana expansin-like A1 (EXLA1) mRNA, complete cds [NM_114466]
AT3G46080	12.59	0.00000313	0.00000313	0.00000464	0.00116022	NM_114477	ref|Arabidopsis thaliana C2H2-type zinc finger protein (AT3G46080) mRNA, complete cds [NM_114477]
AT3G46090	4.8	0.00279578	0.00000986	0.00023684	0.01647692	NM_114478	ref|Arabidopsis thaliana C2H2 and C2HC zinc finger-containing protein (ZAT7) mRNA, complete cds [NM_114478]
AT3G46110	7.3	0.00002543	0.00002543	0.00005064	0.00579747	NM_202660	ref|Arabidopsis thaliana uncharacterized protein (AT3G46110) mRNA, complete cds [NM_202660]
AT3G46280	3.75	0.00005246	0.00005246	0.00054445	0.02839677	NM_114496	ref|Arabidopsis thaliana protein kinase-like protein (AT3G46280) mRNA, complete cds [NM_114496]
AT3G46300	-2.02	0.00068034	0.00341945	0.00280871	0.10968048	NM_114498	ref|Arabidopsis thaliana uncharacterized protein (AT3G46300) mRNA, complete cds [NM_114498]
AT3G46600	3.86	0.00033445	0.00001504	0.00049912	0.02686905	NM_114527	ref|Arabidopsis thaliana scarecrow-like protein 30 (AT3G46600) mRNA, complete cds [NM_114527]
AT3G46620	4.14	0.00093157	0.00093157	0.00041884	0.02431322	NM_114529	ref|Arabidopsis thaliana C3H4 type zinc finger protein (AT3G46620) mRNA, complete cds [NM_114529]
AT3G46690	11.33	0.00000172	0.00024941	0.00000862	0.00180556	NM_114536	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT3G46690) mRNA, complete cds [NM_114536]
AT3G46780	-2.19	0.00488671	0.00155131	0.00111521	0.06661823	NM_114545	ref|Arabidopsis thaliana protein plastid transcriptionally active 16 (PTAC16) mRNA, complete cds [NM_114545]
AT3G46930	2.29	0.00063515	0.00067661	0.00434564	0.10972083	NM_114560	ref|Arabidopsis thaliana protein kinase family protein (AT3G46930) mRNA, complete cds [NM_114560]
AT3G47090	3.48	0.00001645	0.00036673	0.00072026	0.03399791	NM_114576	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT3G47090) mRNA, complete cds [NM_114576]
AT3G47340	-3.35	0.00113149	0.00113149	0.00000663	0.00344828	NM_180333	ref|Arabidopsis thaliana asparagine synthetase [glutamine-hydrolyzing] (ASN1) mRNA, complete cds [NM_180333]
AT3G47420	2.76	0.00282347	0.00023479	0.0021234	0.06853676	NM_114610	ref|Arabidopsis thaliana phosphate starvation-induced protein (PS3) mRNA, complete cds [NM_114610]
AT3G47430	-2.09	0.04679857	0.00264018	0.00197324	0.09105102	NM_114611	ref|Arabidopsis thaliana peroxisomal membrane protein 11B (PEX11B) mRNA, complete cds [NM_114611]
AT3G47480	15.79	0.00000179	0.00000179	0.00000133	0.00047244	NM_114616	ref|Arabidopsis thaliana putative calcium-binding protein CML47 (AT3G47480) mRNA, complete cds [NM_114616]
AT3G47540	2.59	0.00047222	0.00074879	0.00250553	0.07634771	NM_114622	ref|Arabidopsis thaliana putative chitinase (AT3G47540) mRNA, complete cds [NM_114622]
AT3G47570	3.96	0.00004384	0.00048815	0.00043852	0.02513308	NM_114625	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT3G47570) mRNA, complete cds [NM_114625]
AT3G47780	2.05	0.0009854	0.02369108	0.00707099	0.15277114	NM_114646	ref|Arabidopsis thaliana ABC transporter A family member 7 (ATH6) mRNA, complete cds [NM_114646]
AT3G47800	2.45	0.00154998	0.00014044	0.00318465	0.08889506	NM_114648	ref|Arabidopsis thaliana aldose 1-epimerase (AT3G47800) mRNA, complete cds [NM_114648]
AT3G47820	2.8	0.00062001	0.00058402	0.00176382	0.06019623	NM_114650	ref|Arabidopsis thaliana U-box domain-containing protein 39 (PUB39) mRNA, complete cds [NM_114650]
AT3G48020	2.15	0.00044922	0.0020554	0.00548474	0.12870784	NM_114671	ref|Arabidopsis thaliana uncharacterized protein (AT3G48020) mRNA, complete cds [NM_114671]

AT3G48080	7.17	0.00019887	0.00001483	0.00005064	0.00578283	NM_114677	ref|Arabidopsis thaliana lipase class 3 family protein / disease resistance protein-related protein (AT3G48080) mRNA, complete cds [NM_11467
AT3G48090	4.99	0.00004221	0.00004221	0.00019195	0.01439469	NM_114678	ref|Arabidopsis thaliana enhanced disease susceptibility 1 protein (EDS1) mRNA, complete cds [NM_114678]
AT3G48115	-2.02	0.00240894	0.00341945	0.00310416	0.1162966	AY090962	gb|Arabidopsis thaliana At3g48115 mRNA sequence [AY090962]
AT3G48360	2.77	0.01374473	0.00034848	0.00237926	0.07374229	NM_114697	ref|Arabidopsis thaliana BTB and TAZ domain protein 2 (BT2) mRNA, complete cds [NM_114697]
AT3G48420	-2.17	0.00304736	0.00126404	0.00128151	0.07163164	NM_114701	ref|Arabidopsis thaliana haloacid dehalogenase-like hydrolase domain-containing protein (AT3G48420) mRNA, complete cds [NM_114701]
AT3G48630	2.13	0.00039345	0.01304415	0.00581734	0.13360081	TC394691	tc|Rep: Expp1 protein precursor - Solanum tuberosum (Potato), partial (42%) [TC394691]
AT3G48640	18.49	0.00001123	0.00001123	0.00000022	0.00012821	NM_114723	ref|Arabidopsis thaliana uncharacterized protein (AT3G48640) mRNA, complete cds [NM_114723]
AT3G48650	23.22	0.00000988	0.00000988	0	0	AK118176	gb|Arabidopsis thaliana At3g48650 mRNA for unknown protein, complete cds, clone: RAFL19-49-F04 [AK118176]
AT3G48720	-2.18	0.00403792	0.00094829	0.00136555	0.07412965	NM_114731	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT3G48720) mRNA, complete cds [NM_114731]
AT3G48850	14.79	0.00000738	0.00000738	0.00000243	0.00076389	NM_114744	ref|Arabidopsis thaliana phosphate transporter 3;2 (PHT3;2) mRNA, complete cds [NM_114744]
AT3G48890	2.95	0.00039037	0.00013979	0.00142946	0.05229773	NM_114748	ref|Arabidopsis thaliana membrane steroid-binding protein 2 (MAPR3) mRNA, complete cds [NM_114748]
AT3G49120	4.42	0.00003739	0.00003739	0.00028107	0.01844702	NM_114771	ref|Arabidopsis thaliana peroxidase 34 (PRXCB) mRNA, complete cds [NM_114771]
AT3G49130	2.31	0.00039981	0.01640024	0.00389363	0.10171577	NM_114772	ref|Arabidopsis thaliana SWAP (Suppressor-of-White-APricot)/surp RNA-binding domain-containing protein (AT3G49130) mRNA, complete cds [N
AT3G49220	-2.18	0.00267553	0.00094829	0.00125851	0.07122653	NM_114781	ref|Arabidopsis thaliana pectinesterase (AT3G49220) mRNA, complete cds [NM_114781]
AT3G49260	-3.21	0.00008165	0.00008165	0.00001283	0.00504348	NM_001203	ref|Arabidopsis thaliana protein IQ-domain 21 (iqd21) mRNA, complete cds [NM_001203110]
AT3G49320	2.03	0.00149148	0.00506757	0.00714839	0.15400191	NM_114792	ref|Arabidopsis thaliana Metal-dependent protein hydrolase (AT3G49320) mRNA, complete cds [NM_114792]
AT3G49350	2.67	0.0006007	0.00014262	0.00217846	0.06942213	NM_114795	ref|Arabidopsis thaliana RabGAP/TBC domain-containing protein (AT3G49350) mRNA, complete cds [NM_114795]
AT3G49390	2.1	0.01578175	0.0221732	0.00740557	0.15781338	NM_114799	ref|Arabidopsis thaliana CTC-interacting domain 10 protein (CID10) mRNA, complete cds [NM_114799]
AT3G49530	3.09	0.00004783	0.0003012	0.00117957	0.04650392	NM_114813	ref|Arabidopsis thaliana NAC domain-containing protein 62 (NAC062) mRNA, complete cds [NM_114813]
AT3G49570	2.3	0.00031083	0.00194551	0.00417116	0.10680634	NM_114817	ref|Arabidopsis thaliana response to low sulfur 3 protein (LSU3) mRNA, complete cds [NM_114817]
AT3G49580	6.39	0.00001635	0.00000461	0.00008027	0.00782328	NM_114818	ref|Arabidopsis thaliana response to low sulfur 1 protein (LSU1) mRNA, complete cds [NM_114818]
AT3G49620	16.86	0.00000234	0.00000234	0.00000088	0.00038095	NM_114822	ref|Arabidopsis thaliana 2-oxoglutarate-Fe(II)-dependent oxygenase domain-containing protein (DIN11) mRNA, complete cds [NM_114822]
AT3G49670	-2.22	0.00672762	0.04328289	0.0009257	0.05971469	NM_114827	ref|Arabidopsis thaliana receptor-like kinase BAM2 (BAM2) mRNA, complete cds [NM_114827]
AT3G49750	-2.16	0.00279308	0.01295968	0.00162229	0.08224215	NM_114835	ref|Arabidopsis thaliana receptor like protein 44 (RLP44) mRNA, complete cds [NM_114835]
AT3G49780	5.19	0.00002694	0.00001337	0.00017006	0.01316781	NM_114838	ref|Arabidopsis thaliana phytosulfokine-beta (PSK4) mRNA, complete cds [NM_114838]
AT3G50120	-2.04	0.01145156	0.00110793	0.00244626	0.1021422	NM_114872	ref|Arabidopsis thaliana uncharacterized protein (AT3G50120) mRNA, complete cds [NM_114872]
AT3G50140	2.28	0.0079486	0.00125043	0.00503582	0.12138593	NM_114874	ref|Arabidopsis thaliana uncharacterized protein (AT3G50140) mRNA, complete cds [NM_114874]
AT3G50260	7.56	0.00000197	0.00000575	0.00004379	0.00538043	NM_114886	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF011 (CEJ1) mRNA, complete cds [NM_114886]
AT3G50280	3	0.00004127	0.00152731	0.00128925	0.0490328	NM_114888	ref|Arabidopsis thaliana uncharacterized acetyltransferase (AT3G50280) mRNA, complete cds [NM_114888]
AT3G50440	-2.48	0.00961007	0.00011455	0.00032884	0.03253829	NM_114904	ref|Arabidopsis thaliana methyl esterase 10 (MES10) mRNA, complete cds [NM_114904]
AT3G50470	3.71	0.00003725	0.00013146	0.00055993	0.02893714	NM_114907	ref|Arabidopsis thaliana RPW8-like protein 3 (HR3) mRNA, complete cds [NM_114907]
AT3G50480	17.84	0.00000261	0.00000261	0.00000066	0.00031579	NM_114908	ref|Arabidopsis thaliana RPW8-like protein 4 (HR4) mRNA, complete cds [NM_114908]
AT3G50550	2.42	0.0067299	0.00415302	0.00344029	0.09309994	NM_114915	ref|Arabidopsis thaliana uncharacterized protein (AT3G50550) mRNA, complete cds [NM_114915]
AT3G50560	-3.13	0.00043212	0.00062298	0.00001659	0.00609756	NM_114916	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT3G50560) mRNA, complete cds [NM_114916]
AT3G50685	-2.53	0.0020314	0.00131048	0.00025232	0.02831266	NM_114928	ref|Arabidopsis thaliana uncharacterized protein (AT3G50685) mRNA, complete cds [NM_114928]
AT3G50740	2.33	0.00027939	0.00113143	0.00391331	0.1018768	NM_114934	ref|Arabidopsis thaliana coniferyl-alcohol glucosyltransferase (UGT72E1) mRNA, complete cds [NM_114934]
AT3G50760	2.73	0.02947974	0.00009991	0.00301393	0.08615044	NM_114936	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 2 (GATL2) mRNA, complete cds [NM_114936]
AT3G50770	8.28	0.00000179	0.00000179	0.00003118	0.00414706	NM_114937	ref|Arabidopsis thaliana putative calcium-binding protein CML41 (CML41) mRNA, complete cds [NM_114937]
AT3G50780	-2.11	0.00605188	0.00433068	0.00222977	0.09732625	NM_114938	ref|Arabidopsis thaliana uncharacterized protein (AT3G50780) mRNA, complete cds [NM_114938]
AT3G50800	2.91	0.00605388	0.00036907	0.00165701	0.05759416	NM_114940	ref|Arabidopsis thaliana uncharacterized protein (AT3G50800) mRNA, complete cds [NM_114940]
AT3G50890	-2	0.04314144	0.0180232	0.00294317	0.112123	NM_114949	ref|Arabidopsis thaliana homeobox protein 28 (HB28) mRNA, complete cds [NM_114949]
AT3G50900	4.05	0.00004379	0.00006007	0.0004027	0.02392904	NM_114950	ref|Arabidopsis thaliana uncharacterized protein (AT3G50900) mRNA, complete cds [NM_114950]
AT3G50910	2.42	0.00423857	0.00415302	0.00385427	0.10115496	NM_114951	ref|Arabidopsis thaliana uncharacterized protein (AT3G50910) mRNA, complete cds [NM_114951]
AT3G50930	14.42	0.00000115	0.00000115	0.00000265	0.00080537	NM_114953	ref|Arabidopsis thaliana cytochrome BC1 synthesis (BCS1) mRNA, complete cds [NM_114953]
AT3G50950	2.77	0.00009796	0.00034848	0.00186112	0.06289985	NM_180346	ref|Arabidopsis thaliana disease resistance RPP13-like protein 4 (ZAR1) mRNA, complete cds [NM_180346]
AT3G51290	-2.37	0.00043028	0.00043028	0.00049934	0.0409058	NM_114988	ref|Arabidopsis thaliana uncharacterized protein (AT3G51290) mRNA, complete cds [NM_114988]
AT3G51330	4.35	0.00005504	0.00005504	0.00030517	0.01940928	NM_114992	ref|Arabidopsis thaliana aspartyl protease family protein (AT3G51330) mRNA, complete cds [NM_114992]
AT3G51430	3.18	0.00011649	0.00003478	0.00103295	0.04285321	NM_001203	ref|Arabidopsis thaliana strictosidine synthase (YLS2) mRNA, complete cds [NM_00120312 4]
AT3G51440	3.4	0.0000326	0.0000326	0.00078815	0.03564	NM_115003	ref|Arabidopsis thaliana strictosidine synthase family protein (AT3G51440) mRNA, complete cds [NM_115003]
AT3G51450	3.92	0.00004034	0.00008486	0.00045688	0.02560099	NM_115004	ref|Arabidopsis thaliana strictosidine synthase family protein (AT3G51450) mRNA, complete cds [NM_115004]
AT3G51510	-2.43	0.00419964	0.00474273	0.00045467	0.03886578	NM_115010	ref|Arabidopsis thaliana uncharacterized protein (AT3G51510) mRNA, complete cds [NM_115010]
AT3G51660	3.34	0.0003033	0.0003033	0.00087439	0.0382029	NM_115025	ref|Arabidopsis thaliana macrophage migration inhibitory factor family protein (AT3G51660) mRNA, complete cds [NM_115025]
AT3G51860	3.46	0.00013849	0.00376139	0.00074237	0.03471562	NM_115045	ref|Arabidopsis thaliana vacuolar cation/proton exchanger 3 (CAX3) mRNA, complete cds [NM_115045]
AT3G51890	3.95	0.00003873	0.00080397	0.0004299	0.02467005	NM_115048	ref|Arabidopsis thaliana Clathrin light chain protein (AT3G51890) mRNA, complete cds [NM_115048]
AT3G51920	2.43	0.00274553	0.01497154	0.00335139	0.09190418	NM_115051	ref|Arabidopsis thaliana calmodulin-like protein 9 (CAM9) mRNA, complete cds [NM_115051]
AT3G52360	-2.01	0.00086389	0.00809441	0.0026789	0.10617003	NM_115096	ref|Arabidopsis thaliana uncharacterized protein (AT3G52360) mRNA, complete cds [NM_115096]
AT3G52400	8.63	0.00000391	0.00000391	0.00002433	0.00353698	NM_115100	ref|Arabidopsis thaliana syntaxin-122 (SYP122) mRNA, complete cds [NM_115100]
AT3G52430	7.51	0.00007191	0.00007191	0.00004423	0.00534759	NM_115103	ref|Arabidopsis thaliana protein PHYTOALEXIN DEFICIENT 4 (PAD4) mRNA, complete cds [NM_115103]
AT3G52450	4.18	0.00003753	0.00003753	0.00035537	0.02162853	NM_115105	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase PUB22 (PUB22) mRNA, complete cds [NM_115105]
AT3G52720	-2.62	0.00482331	0.00273392	0.00012893	0.01880645	NM_115132	ref|Arabidopsis thaliana carbonic anhydrase (ACA1) mRNA, complete cds [NM_115132]
AT3G52740	-2.22	0.00074296	0.04328289	0.00113733	0.06714099	NM_115134	ref|Arabidopsis thaliana uncharacterized protein (AT3G52740) mRNA, complete cds [NM_115134]
AT3G52800	2.47	0.00257866	0.00595416	0.00343034	0.09322115	NM_115140	ref|Arabidopsis thaliana zinc finger A20 and AN1 domain-containing stress-associated protein 6 (AT3G52800) mRNA, complete cds [NM_115140
AT3G52840	-2.88	0.00186849	0.00043196	0.00004224	0.01026882	NM_115144	ref|Arabidopsis thaliana beta-galactosidase 2 (BGAL2) mRNA, complete cds [NM_115144]
AT3G52920	-2.02	0.01172554	0.00341945	0.00292149	0.11195763	NM_115152	ref|Arabidopsis thaliana uncharacterized protein (AT3G52920) mRNA, complete cds [NM_115152]
AT3G53150	3.11	0.00021969	0.0003762	0.00114308	0.04566254	NM_115175	ref|Arabidopsis thaliana UDP-glucosyl transferase 73D1 (UGT73D1) mRNA, complete cds [NM_115175]
AT3G53190	-2.13	0.00097906	0.00142272	0.00175431	0.0850268	NM_115179	ref|Arabidopsis thaliana putative pectate lyase 12 (AT3G53190) mRNA, complete cds [NM_115179]
AT3G53230	2.13	0.00795417	0.01304415	0.00655219	0.14481427	NM_115183	ref|Arabidopsis thaliana cell division control protein 48-D (AT3G53230) mRNA, complete cds [NM_115183]
AT3G53250	-2.71	0.00131647	0.00094897	0.00007851	0.01425703	NM_115185	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G53250) mRNA, complete cds [NM_115185]
AT3G53420	-2.38	0.00060246	0.0038045	0.00049845	0.04090744	NM_001035	ref|Arabidopsis thaliana aquaporin PIP2-1 (PIP2A) mRNA, complete cds [NM_001035774]
AT3G53530	-2.19	0.01000211	0.00155131	0.00124104	0.0706801	NM_001035	ref|Arabidopsis thaliana Chloroplast-targeted copper chaperone protein (AT3G53530) mRNA, complete cds [NM_001035775]
AT3G53668	3.15	0.00230327	0.00043913	0.00124525	0.04808711	NM_001125	ref|Arabidopsis thaliana conserved peptide upstream open reading frame 51 (CPuORF51) mRNA, complete cds [NM_001125363]
AT3G53670	2.59	0.00604289	0.00074879	0.00268111	0.07965834	NM_001125	ref|Arabidopsis thaliana conserved peptide upstream open reading frame 51 (CPuORF51) mRNA, complete cds [NM_001125363]
AT3G53780	2.08	0.00093044	0.00903855	0.00651371	0.14431651	NM_180367	ref|Arabidopsis thaliana RHOMBOID-like protein 4 (RBL4) mRNA, complete cds [NM_180367]
AT3G53810	4.17	0.00005139	0.00007877	0.00034962	0.02142276	NM_115241	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT3G53810) mRNA, complete cds [NM_115241]
AT3G54050	-2.19	0.00528468	0.00155131	0.0011245	0.06690789	NM_001203	ref|Arabidopsis thaliana fructose-1,6-bisphosphatase (HCEF1) mRNA, complete cds [NM_001203154]
AT3G54100	2.03	0.00576543	0.00506757	0.0079153	0.16471698	NM_115270	ref|Arabidopsis thaliana O-fucosyltransferase family protein (AT3G54100) mRNA, complete cds [NM_115270]
AT3G54110	2.69	0.00082635	0.00054334	0.00210571	0.0680629	NM_115271	ref|Arabidopsis thaliana uncoupling mitochondrial protein 1 (PUMP1) mRNA, complete cds [NM_115271]
AT3G54150	15.76	0.00000618	0.00000618	0.00000088	0.00032	NM_115275	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT3G54150) mRNA, complete cds [NM_115275]
AT3G54420	8.46	0.00000851	0.00000851	0.0000272	0.00375	NM_115302	ref|Arabidopsis thaliana chitinase (EP3) mRNA, complete cds [NM_115302]
AT3G54500	-2.15	0.00723035	0.0022173	0.00149337	0.07806936	NM_115307	ref|Arabidopsis thaliana uncharacterized protein (AT3G54500) mRNA, complete cds [NM_115307]
AT3G54640	15.66	0.0000228	0.0000228	0.00000088	0.00035398	NM_115321	ref|Arabidopsis thaliana tryptophan synthase alpha chain (TSA1) mRNA, complete cds [NM_115321]
AT3G54920	-2.07	0.00566768	0.018419	0.00255042	0.10362084	NM_115349	ref|Arabidopsis thaliana putative pectate lyase 13 (PMR6) mRNA, complete cds [NM_115349]
AT3G54950	2.06	0.04867268	0.00370388	0.01010349	0.19367529	NM_115352	ref|Arabidopsis thaliana patatin-like protein 6 (PLA IIIA) mRNA, complete cds [NM_115352]
AT3G54960	3.14	0.00009677	0.00214684	0.00108536	0.04449683	NM_115353	ref|Arabidopsis thaliana protein PDI-like 1-3 (PDIL1-3) mRNA, complete cds [NM_115353]
AT3G55130	2.14	0.01783477	0.00180611	0.00611544	0.13833917	NM_115371	ref|Arabidopsis thaliana ABC transporter G family member 19 (WBC19) mRNA, complete cds [NM_115371]
AT3G55150	3.32	0.00014365	0.00043442	0.00087019	0.03809293	NM_115373	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70H1) mRNA, complete cds [NM_115373]
AT3G55470	4.29	0.00004635	0.00045182	0.00032353	0.02040446	NM_115405	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT3G55470) mRNA, complete cds [NM_115405]
AT3G55630	-2.21	0.02446021	0.00229575	0.00105551	0.06432615	NM_115421	ref|Arabidopsis thaliana DHFS-FPGS homolog D (DFD) mRNA, complete cds [NM_115421]
AT3G55760	-2.22	0.00133048	0.04328289	0.00120146	0.0694757	NM_180377	ref|Arabidopsis thaliana uncharacterized protein (AT3G55760) mRNA, complete cds [NM_180377]
AT3G55840	3.14	0.00021468	0.00214684	0.00113158	0.04548444	NM_115442	ref|Arabidopsis thaliana Hs1pro-1 protein (AT3G55840) mRNA, complete cds [NM_115442]
AT3G55880	3.14	0.00056194	0.00214684	0.00110526	0.04502703	NM_180688	ref|Arabidopsis thaliana Alpha/beta hydrolase related protein (AT3G55880) mRNA, complete cds [NM_180688]
AT3G55950	4.59	0.00022259	0.00022259	0.00025962	0.0174184	NM_115453	ref|Arabidopsis thaliana putative serine/threonine-protein kinase-like protein CCR3 (CCR3) mRNA, complete cds [NM_115453]
AT3G55970	2.4	0.00883882	0.00397063	0.00404246	0.10410023	NM_115455	ref|Arabidopsis thaliana jasmonate-regulated protein (JRG21) mRNA, complete cds [NM_115455]
AT3G55980	9.12	0.00002585	0.00002585	0.00002079	0.00327526	NM_115456	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 47 (SZF1) mRNA, complete cds [NM_115456]
AT3G56030	2.23	0.00093044	0.00189881	0.00497943	0.12034741	NM_115461	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT3G56030) mRNA, complete cds [NM_115461]
AT3G56060	-2.16	0.01557781	0.01295968	0.00171274	0.0845524	NM_115464	ref|Arabidopsis thaliana Glucose-methanol-choline (GMC) oxidoreductase family protein (AT3G56060) mRNA, complete cds [NM_115464]
AT3G56160	-2.22	0.00350449	0.04328289	0.00126648	0.07123134	NM_115474	ref|Arabidopsis thaliana Sodium bile acid symporter family protein (AT3G56160) mRNA, complete cds [NM_115474]
AT3G56400	5.26	0.00002408	0.00002408	0.00016475	0.01286701	NM_115498	ref|Arabidopsis thaliana putative WRKY transcription factor 70 (WRKY70) mRNA, complete cds [NM_115498]
AT3G56410	2.24	0.00221303	0.00079276	0.00513976	0.12297354	NM_180378	ref|Arabidopsis thaliana uncharacterized protein (AT3G56410) mRNA, complete cds [NM_180378]
AT3G56710	10.62	0.00000543	0.00000543	0.00001084	0.00211207	NM_115530	ref|Arabidopsis thaliana sigma factor binding protein 1 (SIB1) mRNA, complete cds [NM_115530]
AT3G56860	-2.3	0.02468251	0.00719695	0.00054954	0.04375	NM_001203	ref|Arabidopsis thaliana UBP1-associated protein 2A (UBA2A) mRNA, complete cds [NM_001203180]
AT3G56880	2.15	0.00257575	0.0020554	0.00565679	0.13138161	NM_115547	ref|Arabidopsis thaliana VQ motif-containing protein (AT3G56880) mRNA, complete cds [NM_115547]
AT3G56910	-2.07	0.00436771	0.018419	0.0247302	0.10222121	NM_115550	ref|Arabidopsis thaliana plastid-specific 50S ribosomal protein 5 (PSRP5) mRNA, complete cds [NM_115550]
AT3G57040	-2.46	0.00145917	0.00366616	0.00028173	0.02997647	NM_115563	ref|Arabidopsis thaliana two-component response regulator ARR9 (ARR9) mRNA, complete cds [NM_115563]
AT3G57240	33.61	0.000001	0.000001	0	0	NM_115584	ref|Arabidopsis thaliana beta-1,3-glucanase 3 (BG3) mRNA, complete cds [NM_115584]
AT3G57260	8.25	0.00001016	0.00001189	0.00003295	0.00434402	NM_115586	ref|Arabidopsis thaliana glucan endo-1,3-beta-D-glucosidase (BGL2) mRNA, complete cds [NM_115586]
AT3G57280	2.43	0.00027383	0.01497154	0.00330584	0.09109689	NM_115588	ref|Arabidopsis thaliana Transmembrane proteins 14C (AT3G57280) mRNA, complete cds [NM_115588]
AT3G57330	2.38	0.00141556	0.00435732	0.0037835	0.0997028	NM_115593	ref|Arabidopsis thaliana Ca2+-transporting ATPase (ACA11) mRNA, complete cds [NM_115593]
AT3G57450	5.7	0.00020074	0.00020074	0.00012671	0.01089354	NM_115605	ref|Arabidopsis thaliana uncharacterized protein (AT3G57450) mRNA, complete cds [NM_115605]
AT3G57460	4.64	0.0000287	0.00003417	0.00024613	0.01688923	NM_115606	ref|Arabidopsis thaliana catalytic/ metal ion binding / metalloendopeptidase/ zinc ion binding protein (AT3G57460) mRNA, complete cds [NM_1
AT3G57480	2.1	0.00057161	0.0221732	0.00623662	0.13989087	NM_115608	ref|Arabidopsis thaliana zinc finger AN1 and C2H2 domain-containing stress-associated protein 13 (AT3G57480) mRNA, complete cds [NM_1156
AT3G57530	2.15	0.00320695	0.0020554	0.00599248	0.13623932	NM_115613	ref|Arabidopsis thaliana calcium-dependent protein kinase 32 (CPK32) mRNA, complete cds [NM_115613]
AT3G57550	2.91	0.00042666	0.00036907	0.00152941	0.05449961	NM_001035	ref|Arabidopsis thaliana guanylate kinase (AGK2) mRNA, complete cds [NM_001035800]
AT3G57630	2.29	0.0004717	0.00067661	0.00432663	0.10966928	NM_115623	ref|Arabidopsis thaliana exostosin family protein (AT3G57630) mRNA, complete cds [NM_115623]
AT3G57640	2.69	0.00063962	0.00054334	0.00209	0.0677491	NM_115624	ref|Arabidopsis thaliana protein kinase family protein (AT3G57640) mRNA, complete cds [NM_115624]
AT3G57700	3.84	0.00008482	0.00019017	0.00048607	0.02651387	NM_115630	ref|Arabidopsis thaliana putative protein kinase (AT3G57700) mRNA, complete cds [NM_115630]
AT3G57780	-2.08	0.00603135	0.00099138	0.0021517	0.09529873	NM_115638	ref|Arabidopsis thaliana uncharacterized protein (AT3G57780) mRNA, complete cds [NM_115638]
AT3G57830	-2.13	0.00586567	0.00142272	0.001318	0.07294982	NM_115645	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT3G57830) mRNA, complete cds [NM_115645]
AT3G58120	-3.14	0.00049709	0.00034689	0.00001283	0.00508772	NM_115674	ref|Arabidopsis thaliana basic leucine zipper transcription factor-like protein (BZIP61) mRNA, complete cds [NM_115674]

AT3G58850	-2.33	0.01326586	0.00033396	0.00039164	0.03577778	NM_115747	ref|Arabidopsis thaliana phy rapidly regulated 2 protein (PAR2) mRNA, complete cds [NM_115747]
AT3G59080	3.91	0.0000197	0.00002368	0.00045179	0.0255375	NM_115770	ref|Arabidopsis thaliana aspartyl protease family protein (AT3G59080) mRNA, complete cds [NM_115770]
AT3G59420	-2.28	0.00277969	0.00104319	0.00077377	0.05391371	NM_115804	ref|Arabidopsis thaliana serine/threonine-protein kinase-like protein ACR4 (CR4) mRNA, complete cds [NM_115804]
AT3G59480	-2.88	0.00006732	0.00043196	0.00004666	0.01044554	NM_115810	ref|Arabidopsis thaliana fructokinase (AT3G59480) mRNA, complete cds [NM_115810]
AT3G59660	3.36	0.00030115	0.00739961	0.00084962	0.03751953	NM_115828	ref|Arabidopsis thaliana C2 domain and GRAM domain-containing protein (AT3G59660) mRNA, complete cds [NM_115828]
AT3G59700	2.88	0.00028281	0.00009796	0.00161809	0.05658933	NM_115832	ref|Arabidopsis thaliana lectin-receptor kinase (HLECRK) mRNA, complete cds [NM_115832]
AT3G59760	2.88	0.00531546	0.00009796	0.00168532	0.05826453	NM_180692	ref|Arabidopsis thaliana cysteine synthase (OASC) mRNA, complete cds [NM_180692]
AT3G59880	2.15	0.00099262	0.0020554	0.00584365	0.13386525	NM_115851	ref|Arabidopsis thaliana uncharacterized protein (AT3G59880) mRNA, complete cds [NM_115851]
AT3G60120	2.92	0.00151607	0.00020763	0.00155838	0.05522727	NM_115875	ref|Arabidopsis thaliana beta glucosidase 27 (BGLU27) mRNA, complete cds [NM_115875]
AT3G60210	-2.05	0.01636152	0.01710305	0.00199713	0.09140688	NM_115884	ref|Arabidopsis thaliana GroES-like family protein (AT3G60210) mRNA, complete cds [NM_115884]
AT3G60220	-2.25	0.00171413	0.00040651	0.00086002	0.05693997	NM_115885	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL4 (ATL4) mRNA, complete cds [NM_115885]
AT3G60320	-2.01	0.0039494	0.00809441	0.00244825	0.10203687	NM_115896	ref|Arabidopsis thaliana uncharacterized protein (AT3G60320) mRNA, complete cds [NM_115896]
AT3G60380	-2.13	0.00095938	0.00142272	0.00177488	0.08502119	NM_115902	ref|Arabidopsis thaliana uncharacterized protein (AT3G60380) mRNA, complete cds [NM_115902]
AT3G60420	15.7	0.00000273	0.00000273	0.00000133	0.00045113	NM_115906	ref|Arabidopsis thaliana Phosphoglycerate mutase family protein (AT3G60420) mRNA, complete cds [NM_115906]
AT3G60450	2.33	0.00152766	0.00113143	0.00420986	0.10743228	NM_115909	ref|Arabidopsis thaliana phosphoglycerate mutase-like protein (AT3G60450) mRNA, complete cds [NM_115909]
AT3G60540	6.89	0.00000288	0.00000288	0.00006568	0.00707143	NM_202738	ref|Arabidopsis thaliana Preprotein translocase Sec, Sec61-beta subunit protein (AT3G60540) mRNA, complete cds [NM_202738]
AT3G60580	2.19	0.00072944	0.00053923	0.00506745	0.1218235	NM_115922	ref|Arabidopsis thaliana C2H2-like zinc finger protein (AT3G60580) mRNA, complete cds [NM_115922]
AT3G61060	-2.08	0.00510058	0.00099138	0.00226028	0.09809021	NM_202741	ref|Arabidopsis thaliana F-box protein PP2-A13 (PP2-A13) mRNA, complete cds [NM_202741]
AT3G61080	-2.47	0.0005967	0.01066583	0.00027289	0.02973494	NM_115972	ref|Arabidopsis thaliana protein kinase-like protein (AT3G61080) mRNA, complete cds [NM_115972]
AT3G61190	5.04	0.00009874	0.00009874	0.00018885	0.0142571	NM_115983	ref|Arabidopsis thaliana BON1-associated protein 1 (BAP1) mRNA, complete cds [NM_115983]
AT3G61280	4.56	0.000015	0.000015	0.0002552	0.01724963	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT3G61280) mRNA, complete cds [NM_001125402]
AT3G61430	-2.03	0.00408384	0.01635287	0.00263711	0.10543767	NM_001084	ref|Arabidopsis thaliana aquaporin PIP1-1 (PIP1A) mRNA, complete cds [NM_001084854]
AT3G61440	2.11	0.00642026	0.01879448	0.00695754	0.15104177	NM_001084	ref|Arabidopsis thaliana cysteine synthase C1 (CYSC1) mRNA, complete cds [NM_001084855]
AT3G61550	-2.31	0.00141232	0.00109384	0.00061455	0.04734242	NM_116020	ref|Arabidopsis thaliana RING-H2 finger protein ATL68 (AT3G61550) mRNA, complete cds [NM_116020]
AT3G61630	2.2	0.00311852	0.00111929	0.00559089	0.13025245	NM_116028	ref|Arabidopsis thaliana ethylene-responsive transcription factor CRF6 (CRF6) mRNA, complete cds [NM_116028]
AT3G61860	2.06	0.00131908	0.00370388	0.00695555	0.15107109	NM_116051	ref|Arabidopsis thaliana arginine/serine-rich-splicing factor RSP31 (RSP31) mRNA, complete cds [NM_116051]
AT3G61930	2.64	0.00037999	0.00408384	0.00234896	0.07340705	NM_116058	ref|Arabidopsis thaliana uncharacterized protein (AT3G61930) mRNA, complete cds [NM_116058]
AT3G61970	-2	0.01944901	0.0180232	0.00316143	0.11766255	NM_116062	ref|Arabidopsis thaliana B3 domain-containing transcription factor NGA2 (NGA2) mRNA, complete cds [NM_116062]
AT3G62000	-2.49	0.00132445	0.00080297	0.00027377	0.02968825	NM_116065	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT3G62000) mRNA, complete cds [NM_116065]
AT3G62150	2.47	0.00153142	0.00595416	0.00310836	0.08741294	NM_116080	ref|Arabidopsis thaliana ABC transporter B family member 21 (PGP21) mRNA, complete cds [NM_116080]
AT3G62260	2.39	0.01024136	0.00112202	0.00415856	0.10660431	NM_116091	ref|Arabidopsis thaliana putative protein phosphatase 2C 49 (AT3G62260) mRNA, complete cds [NM_116091]
AT3G62580	2.13	0.00047314	0.01304415	0.00578483	0.13319246	NM_116123	ref|Arabidopsis thaliana Late embryogenesis abundant protein (LEA) family protein (AT3G62580) mRNA, complete cds [NM_116123]
AT3G62600	3.6	0.00008559	0.00063627	0.00064264	0.03138229	NM_116125	ref|Arabidopsis thaliana DNAJ heat shock family protein (ATERDJ3B) mRNA, complete cds [NM_116125]
AT3G62660	-2.63	0.00312678	0.00040092	0.00012185	0.01836667	NM_116131	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 7 (GATL7) mRNA, complete cds [NM_116131]
AT3G62750	-2.58	0.00033194	0.00043815	0.00019151	0.02405556	NM_116140	ref|Arabidopsis thaliana beta glucosidase 8 (BGLU8) mRNA, complete cds [NM_116140]
AT3G62780	3.44	0.00017063	0.00097159	0.00077974	0.03540161	NM_116143	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT3G62780) mRNA, complete cds [NM_116143]
AT3G63010	3.93	0.00006232	0.00006578	0.00044449	0.02531486	NM_116166	ref|Arabidopsis thaliana putative gibberellin receptor GID1L2 (GID1B) mRNA, complete cds [NM_116166]
AT3G63140	-2.26	0.01097947	0.00039303	0.00075232	0.05315625	NM_116179	ref|Arabidopsis thaliana chloroplast stem-loop binding protein-41 (CSP41A) mRNA, complete cds [NM_116179]
AT3G63160	-2	0.0074331	0.0180232	0.00262494	0.10532387	NM_116181	ref|Arabidopsis thaliana uncharacterized protein (AT3G63160) mRNA, complete cds [NM_116181]
AT3G63380	10.11	0.00000737	0.00000737	0.00001216	0.00222672	NM_116203	ref|Arabidopsis thaliana Ca2+-transporting ATPase (AT3G63380) mRNA, complete cds [NM_116203]
AT3G63420	2.56	0.00620268	0.00112942	0.00267116	0.07941486	NM_116207	ref|Arabidopsis thaliana Ggamma-subunit 1 (GG1) mRNA, complete cds [NM_116207]
AT3G63510	-2.14	0.00455275	0.02737822	0.00159575	0.08162896	NM_116216	ref|Arabidopsis thaliana FMN-linked oxidoreductase-like protein protein (AT3G63510) mRNA, complete cds [NM_116216]
AT4G00180	-2.14	0.00662037	0.02737822	0.00164153	0.08293855	NM_001084	ref|Arabidopsis thaliana axial regulator YABBY 3 (YAB3) mRNA, complete cds [NM_001084868]
AT4G00400	-2.42	0.00037063	0.00016499	0.00040668	0.03656064	NM_116264	ref|Arabidopsis thaliana glycerol-3-phosphate acyltransferase (GPAT8) mRNA, complete cds [NM_116264]
AT4G00430	-2.09	0.0012308	0.00264018	0.00194737	0.09078351	NM_202760	ref|Arabidopsis thaliana putative aquaporin PIP1-4 (PIP1;4) mRNA, complete cds [NM_202760]
AT4G00570	2.02	0.00152731	0.00347273	0.00771473	0.16210967	NM_116281	ref|Arabidopsis thaliana malate dehydrogenase (decarboxylating) (NAD-ME2) mRNA, complete cds [NM_116281]
AT4G00700	4.03	0.00011518	0.00005128	0.00040469	0.02395288	NM_116295	ref|Arabidopsis thaliana C2 calcium/lipid-binding and phosphoribosyltransferase C-terminal domain-containing protein (AT4G00700) mRNA, com
AT4G00950	-2.07	0.00497235	0.018419	0.001751	0.08495708	NM_116322	ref|Arabidopsis thaliana uncharacterized protein (MEE47) mRNA, complete cds [NM_116322]
AT4G00970	3.67	0.00009258	0.00048701	0.00059686	0.03005568	NM_116325	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 41 (CRK41) mRNA, complete cds [NM_116325]
AT4G01010	3.84	0.00008673	0.00019017	0.00048784	0.02651442	NM_116329	ref|Arabidopsis thaliana cyclic nucleotide-gated channel 13 (CNGC13) mRNA, complete cds [NM_116329]
AT4G01130	-2.88	0.00018623	0.00043196	0.00003693	0.00976608	NM_116343	ref|Arabidopsis thaliana GDSL esterase/lipase (AT4G01130) mRNA, complete cds [NM_116343]
AT4G01220	2.74	0.00040667	0.0001347	0.00194737	0.064941	NM_178948	ref|Arabidopsis thaliana rhamnogalacturonan II specific xylosyltransferase (AT4G01220) mRNA, complete cds [NM_178948]
AT4G01250	4.36	0.0000176	0.00010877	0.00030517	0.01938202	NM_116355	ref|Arabidopsis thaliana WRKY transcription factor 22 (WRKY22) mRNA, complete cds [NM_116355]
AT4G01330	-2.12	0.01282467	0.01698645	0.00166519	0.08357381	NM_116363	ref|Arabidopsis thaliana protein kinase family protein (AT4G01330) mRNA, complete cds [NM_116363]
AT4G01360	19.26	0.000001	0.000001	0.00000022	0.00012987	NM_116366	ref|Arabidopsis thaliana uncharacterized protein (AT4G01360) mRNA, complete cds [NM_116366]
AT4G01370	2.09	0.00941033	0.0035116	0.00705352	0.15246654	NM_116367	ref|Arabidopsis thaliana mitogen-activated protein kinase 4 (MPK4) mRNA, complete cds [NM_116367]
AT4G01410	-2.1	0.00057161	0.0080778	0.001864	0.08826178	NM_116371	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT4G01410) mRNA, complete cds [NM_116371]
AT4G01540	2.21	0.00050603	0.00350233	0.00509509	0.12235794	NM_116384	ref|Arabidopsis thaliana NAC domain-containing protein 68 (NTM1) mRNA, complete cds [NM_116384]
AT4G01610	2	0.00094953	0.00202099	0.00787616	0.16428044	NM_116392	ref|Arabidopsis thaliana cathepsin B (AT4G01610) mRNA, complete cds [NM_116392]
AT4G01700	8.53	0.00000301	0.00000301	0.0000272	0.00378462	NM_116400	ref|Arabidopsis thaliana class II chitinase-like protein (AT4G01700) mRNA, complete cds [NM_116400]
AT4G01750	3.86	0.00002391	0.00001504	0.00047192	0.02599269	NM_116405	ref|Arabidopsis thaliana rhamnogalacturonan xylosyltransferase 2 (RGXT2) mRNA, complete cds [NM_116405]
AT4G01870	4.94	0.00036034	0.00000513	0.00021097	0.015313	NM_116417	ref|Arabidopsis thaliana tolB-related protein (AT4G01870) mRNA, complete cds [NM_116417]
AT4G01895	3.23	0.00054449	0.00005933	0.00102366	0.0425851	NM_116420	ref|Arabidopsis thaliana systemic acquired resistance (SAR) regulator protein NIMIN-1-like protein (AT4G01895) mRNA, complete cds [NM_1164
AT4G01950	-2.03	0.006319	0.01635287	0.00319284	0.11834426	NM_116426	ref|Arabidopsis thaliana glycerol-3-phosphate acyltransferase (GPAT3) mRNA, complete cds [NM_116426]
AT4G01995	-2.07	0.00886023	0.018419	0.00266608	0.10612676	NM_148194	ref|Arabidopsis thaliana uncharacterized protein (AT4G01995) mRNA, complete cds [NM_148194]
AT4G02130	-2.28	0.0069008	0.00104319	0.00059133	0.04618307	NM_178954	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 6 (GATL6) mRNA, complete cds [NM_178954]
AT4G02220	2.17	0.00408384	0.00319914	0.00543366	0.12804065	NM_116455	ref|Arabidopsis thaliana MYND type zinc finger and programmed cell death 2 C-terminal domain-containing protein (AT4G02220) mRNA, comple
AT4G02330	5.72	0.0000339	0.00027506	0.0001234	0.01071017	NM_116466	ref|Arabidopsis thaliana pectinesterase 41 (ATPMEPCRB) mRNA, complete cds [NM_116466]
AT4G02380	16.2	0.00000921	0.00000921	0.00000088	0.00033898	NM_116471	ref|Arabidopsis thaliana senescence-associated protein (SAG21) mRNA, complete cds [NM_116471]
AT4G02410	2.77	0.00016722	0.00034848	0.00181778	0.06171171	NM_116474	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G02410) mRNA, complete cds [NM_116474]
AT4G02520	13.53	0.00002956	0.00002956	0.00000287	0.00084416	NM_116486	ref|Arabidopsis thaliana glutathione S-transferase PM24 (GSTF2) mRNA, complete cds [NM_116486]
AT4G02630	-2.46	0.00033089	0.00366616	0.00034299	0.03342672	NM_116497	ref|Arabidopsis thaliana protein kinase family protein (AT4G02630) mRNA, complete cds [NM_116497]
AT4G02790	-2.07	0.03849411	0.018419	0.00228019	0.09848138	NM_116513	ref|Arabidopsis thaliana GTP-binding protein (AT4G02790) mRNA, complete cds [NM_116513]
AT4G02850	-2.13	0.00114499	0.00142272	0.00167094	0.08339956	NM_116519	ref|Arabidopsis thaliana phenazine biosynthesis PhzC/PhzF family protein (AT4G02850) mRNA, complete cds [NM_116519]
AT4G02940	2.24	0.01490565	0.00079276	0.00594847	0.1354431	NM_116528	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT4G02940) mRNA, complete cds [NM_116528]
AT4G03070	-3.08	0.00009796	0.00009796	0.00001813	0.00645669	NM_116541	ref|Arabidopsis thaliana oxidoreductase AOP1 (AOP1) mRNA, complete cds [NM_116541]
AT4G03210	-2.43	0.00241283	0.00474273	0.0004153	0.0369685	NM_116559	ref|Arabidopsis thaliana xyloglucan endotransglucosylase/hydrolase protein 9 (XTH9) mRNA, complete cds [NM_116559]
AT4G03320	2.5	0.00019255	0.00438726	0.00274502	0.08076122	NM_116570	ref|Arabidopsis thaliana translocon at the inner envelope membrane of chloroplasts 20-IV (tic20-IV) mRNA, complete cds [NM_116570]
AT4G03420	2.68	0.00068203	0.00362481	0.00231159	0.07264072	NM_116580	ref|Arabidopsis thaliana uncharacterized protein (AT4G03420) mRNA, complete cds [NM_116580]
AT4G03450	13.29	0.00000101	0.00000101	0.00000398	0.00104651	NM_116583	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G03450) mRNA, complete cds [NM_116583]
AT4G04220	7.97	0.00000215	0.00000215	0.0000356	0.00456091	NM_116660	ref|Arabidopsis thaliana receptor like protein 46 (RLP46) mRNA, complete cds [NM_116660]
AT4G04330	-2.17	0.00041319	0.00126404	0.00132419	0.07311355	NM_116671	ref|Arabidopsis thaliana Chaperonin-like RbcX protein (AT4G04330) mRNA, complete cds [NM_116671]
AT4G04340	-2.04	0.00282347	0.00110793	0.00263025	0.10544326	NM_178966	ref|Arabidopsis thaliana early-responsive to dehydration stress-related protein (AT4G04340) mRNA, complete cds [NM_178966]
AT4G04490	5.07	0.00000405	0.00000405	0.00017912	0.01370558	NM_116687	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 36 (CRK36) mRNA, complete cds [NM_116687]
AT4G04570	3.02	0.00008983	0.00013366	0.00127333	0.04879661	NM_116695	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 40 (CRK40) mRNA, complete cds [NM_116695]
AT4G04610	4.55	0.00021164	0.00010145	0.00026603	0.01771723	NM_116699	ref|Arabidopsis thaliana 5'-adenylylsulfate reductase 1 (APR1) mRNA, complete cds [NM_116699]
AT4G04630	-2.45	0.00084685	0.00035291	0.00036157	0.03399168	NM_116701	ref|Arabidopsis thaliana uncharacterized protein (AT4G04630) mRNA, complete cds [NM_116701]
AT4G04640	-2.05	0.00681994	0.01710305	0.00261676	0.10508881	NM_116702	ref|Arabidopsis thaliana ATP synthase gamma chain 1 (ATPC1) mRNA, complete cds [NM_116702]
AT4G04695	2.62	0.00094703	0.00042733	0.00229987	0.072373	NM_148230	ref|Arabidopsis thaliana calcium-dependent protein kinase 31 (CPK31) mRNA, complete cds [NM_148230]
AT4G04830	2.72	0.00188831	0.0052735	0.00207563	0.06752518	NM_001203	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B5 (MSRB5) mRNA, complete cds [NM_001203745]
AT4G04840	-2.25	0.000493	0.00040651	0.00087483	0.05741655	NM_116722	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B6 (MSRB6) mRNA, complete cds [NM_116722]
AT4G04960	2.92	0.00013132	0.00020763	0.00150442	0.0538212	NM_116735	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G04960) mRNA, complete cds [NM_116735]
AT4G05020	5.82	0.00007897	0.00007897	0.00010969	0.00966862	NM_001203	ref|Arabidopsis thaliana NAD(P)H dehydrogenase B2 (NDB2) mRNA, complete cds [NM_001203749]
AT4G05040	3.27	0.002824	0.00009265	0.00105882	0.04384615	NM_116743	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G05040) mRNA, complete cds [NM_116743]
AT4G05180	-2.22	0.00751869	0.04328289	0.00133945	0.07341818	NM_116757	ref|Arabidopsis thaliana oxygen-evolving enhancer protein 3-2 (PSBQ-2) mRNA, complete cds [NM_116757]
AT4G05390	2.04	0.01427568	0.00928674	0.00897169	0.17809482	NM_116778	ref|Arabidopsis thaliana ferredoxin--NADP+ reductase (RFNR1) mRNA, complete cds [NM_116778]
AT4G06536	-2.57	0.00109384	0.00133048	0.00020831	0.02525469	NM_178981	ref|Arabidopsis thaliana SPla/RYanodine receptor (SPRY) domain-containing protein (AT4G06536) mRNA, complete cds [NM_178981]
AT4G06746	2.97	0.0004648	0.0009581	0.00143277	0.05237672	NM_179009	ref|Arabidopsis thaliana ethylene-responsive transcription factor RAP2-9 (RAP2,9) mRNA, complete cds [NM_179009]
AT4G07820	2.07	0.00057936	0.00233174	0.00654113	0.14464059	NM_116854	ref|Arabidopsis thaliana cysteine-rich secretory proteins, antigen 5 and pathogenesis-related protein 1 domain-containing protein (AT4G07820) n
AT4G08230	2.04	0.00110442	0.00928674	0.00689054	0.14987494	NM_001203	ref|Arabidopsis thaliana glycine-rich protein (AT4G08230) mRNA, complete cds [NM_001203759]
AT4G08300	2.31	0.00093044	0.01640024	0.00403627	0.10405929	NM_116899	ref|Arabidopsis thaliana nodulin MtN21 /EamA-like transporter family protein (AT4G08300) mRNA, complete cds [NM_116899]
AT4G08470	3.98	0.00051477	0.00001466	0.00045577	0.02557072	NM_116916	ref|Arabidopsis thaliana MAPK/ERK kinase kinase 3 (MEKK3) mRNA, complete cds [NM_116916]
AT4G08555	8.08	0.00000387	0.00000387	0.0000345	0.00448276	NM_179014	ref|Arabidopsis thaliana uncharacterized protein (AT4G08555) mRNA, complete cds [NM_179014]
AT4G08685	-2.49	0.00419758	0.00080297	0.00035383	0.03382664	NM_116938	ref|Arabidopsis thaliana protein SAH7 (SAH7) mRNA, complete cds [NM_116938]
AT4G08700	-2.05	0.00313186	0.01710305	0.00259067	0.10478533	NM_116940	ref|Arabidopsis thaliana putative purine permease 13 (ATPUP13) mRNA, complete cds [NM_116940]
AT4G08770	25.79	0.00000172	0.00000172	0	0	NM_116947	ref|Arabidopsis thaliana peroxidase 37 (AT4G08770) mRNA, complete cds [NM_116947]
AT4G08780	2.22	0.00251855	0.00087028	0.00528372	0.12548845	NM_116948	ref|Arabidopsis thaliana peroxidase 38 (AT4G08780) mRNA, complete cds [NM_116948]
AT4G08850	3.92	0.00029783	0.00008486	0.00048939	0.02650299	NM_116955	ref|Arabidopsis thaliana Leucine-rich repeat-containing protein (AT4G08850) mRNA, complete cds [NM_116955]
AT4G09010	-2.14	0.00149356	0.02737822	0.00166939	0.08341436	NM_116970	ref|Arabidopsis thaliana ascorbate peroxidase 4 (APX4) mRNA, complete cds [NM_116970]
AT4G09160	-2.11	0.00600448	0.00433068	0.00168266	0.08343202	NM_116985	ref|Arabidopsis thaliana patellin-5 (AT4G09160) mRNA, complete cds [NM_116985]
AT4G09290	-2.01	0.00468963	0.00809441	0.00284675	0.11030848	TC372824	tc|AAC13586,1 - Arabidopsis thaliana (Mouse-ear cress), partial (58%) [TC372824]
AT4G09320	2.24	0.00594214	0.00079276	0.00471517	0.11619619	NM_117000	ref|Arabidopsis thaliana nucleoside diphosphate kinase 1 (NDPK1) mRNA, complete cds [NM_117000]
AT4G09350	-2.83	0.00056359	0.00056359	0.00005772	0.0116	NM_117003	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT4G09350) mRNA, complete cds [NM_117003]
AT4G09570	2.71	0.00031392	0.00020402	0.00203162	0.06676599	NM_117025	ref|Arabidopsis thaliana calcium-dependent protein kinase 4 (CPK4) mRNA, complete cds [NM_117025]
AT4G09750	2.17	0.00347448	0.00319914	0.00603936	0.1370296	NM_117043	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT4G09750) mRNA, complete cds [NM_117043]
AT4G09890	-2.37	0.01323869	0.00043028	0.00042702	0.03742248	NM_117057	ref|Arabidopsis thaliana uncharacterized protein (AT4G09890) mRNA, complete cds [NM_117057]
AT4G10500	2.83	0.00033764	0.00033764	0.00169682	0.05861727	NM_117118	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT4G10500) mRNA, complete cds [NM_117118]
AT4G10770	-2.06	0.00067417	0.00300431	0.00251084	0.10303085	NM_117145	ref|Arabidopsis thaliana oligopeptide transporter 7 (OPT7) mRNA, complete cds [NM_117145]
AT4G10960	3.18	0.00015154	0.00003478	0.0010617	0.04388483	NM_117166	ref|Arabidopsis thaliana UDP-D-glucose/UDP-D-galactose 4-epimerase 5 (UGE5) mRNA, complete cds [NM_117166]

AT4G10970	2.2	0.00805247	0.00111929	0.00579368	0.13326043	NM_001160	ref|Arabidopsis thaliana uncharacterized protein (AT4G10970) mRNA, complete cds [NM_001160748]
AT4G11000	5.11	0.00001773	0.00001773	0.00017691	0.01355932	NM_117170	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G11000) mRNA, complete cds [NM_117170]
AT4G11070	5.28	0.00003347	0.00001023	0.00015414	0.01233628	NM_117177	ref|Arabidopsis thaliana putative WRKY transcription factor 41 (WRKY41) mRNA, complete cds [NM_117177]
AT4G11170	9.85	0.0000044	0.0000044	0.00001371	0.00241245	NM_117187	ref|Arabidopsis thaliana putative disease resistance protein (AT4G11170) mRNA, complete cds [NM_117187]
AT4G11280	8.55	0.00011599	0.00011599	0.00002609	0.00369906	NM_117199	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 6 (ACS6) mRNA, complete cds [NM_117199]
AT4G11290	2.23	0.00592071	0.00189881	0.00549713	0.12873123	NM_117200	ref|Arabidopsis thaliana peroxidase 39 (AT4G11290) mRNA, complete cds [NM_117200]
AT4G11350	2.06	0.00208579	0.00370388	0.0071862	0.1543753	NM_001036	ref|Arabidopsis thaliana uncharacterized protein (AT4G11350) mRNA, complete cds [NM_001036540]
AT4G11370	7.85	0.00000497	0.00000497	0.00003759	0.00477528	NM_117208	ref|Arabidopsis thaliana RING-H2 zinc finger protein RHA1a (RHA1A) mRNA, complete cds [NM_117208]
AT4G11470	5.6	0.00000941	0.00000941	0.00013047	0.01111111	NM_117218	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 31 (CRK31) mRNA, complete cds [NM_117218]
AT4G11530	3.85	0.00013795	0.00044236	0.00051017	0.02730178	NM_001160	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 34 (AT4G11521) mRNA, complete cds [NM_001160749]
AT4G11655	2.18	0.00182319	0.00105878	0.00525962	0.1251131	NM_202806	ref|Arabidopsis thaliana uncharacterized protein (AT4G11655) mRNA, complete cds [NM_202806]
AT4G11840	2.42	0.00094953	0.00415302	0.00347833	0.09384845	NM_117254	ref|Arabidopsis thaliana phospholipase D gamma 3 (PLDGAMMA3) mRNA, complete cds [NM_117254]
AT4G11850	4.4	0.00004376	0.00005594	0.00029213	0.01881766	NM_117255	ref|Arabidopsis thaliana phospholipase D gamma 1 (PLDGAMMA1) mRNA, complete cds [NM_117255]
AT4G11890	16.82	0.00000106	0.00000106	0.00000088	0.00037037	NM_117259	ref|Arabidopsis thaliana protein kinase family protein (AT4G11890) mRNA, complete cds [NM_117259]
AT4G12120	3.41	0.00005037	0.00004195	0.00080296	0.03609344	NM_117282	ref|Arabidopsis thaliana protein transport sec1b (SEC1B) mRNA, complete cds [NM_117282]
AT4G12290	3.58	0.00008921	0.00011471	0.00065502	0.03171306	NM_117299	ref|Arabidopsis thaliana copper amine oxidase family protein (AT4G12290) mRNA, complete cds [NM_117299]
AT4G12310	-2.13	0.00203565	0.00142272	0.00175453	0.08494647	NM_117301	ref|Arabidopsis thaliana cytochrome P450, family 706, subfamily A, polypeptide 5 (CYP706A5) mRNA, complete cds [NM_117301]
AT4G12420	-2.68	0.00202383	0.00642269	0.00008647	0.01481061	NM_117312	ref|Arabidopsis thaliana Monocopper oxidase-like protein SKU5 (SKU5) mRNA, complete cds [NM_117312]
AT4G12470	2.05	0.0127225	0.02369108	0.00843366	0.17178829	NM_117317	ref|Arabidopsis thaliana azelaic acid induced 1 (AZI1) mRNA, complete cds [NM_117317]
AT4G12480	3.13	0.00007298	0.00025062	0.00110062	0.045	NM_117318	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (pEARLI 1) mRNA, complete cds [NM_1
AT4G12490	13.63	0.00000179	0.00000179	0.00000287	0.00082278	NM_117319	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT4G12490) mRNA, complete cds [NM
AT4G12500	6.37	0.00011872	0.0000678	0.00007629	0.00768374	NM_117320	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT4G12500) mRNA, complete cds [NM
AT4G12720	6.26	0.00008463	0.00008463	0.00009045	0.00852083	NM_001203	ref|Arabidopsis thaliana nudix hydrolase 7 (NUDT7) mRNA, complete cds [NM_001203778]
AT4G12730	-2.12	0.00282955	0.01698645	0.00165015	0.08318841	NM_117342	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 2 (FLA2) mRNA, complete cds [NM_117342]
AT4G12735	2.04	0.00241516	0.00928674	0.00730097	0.15617313	NM_202810	ref|Arabidopsis thaliana uncharacterized protein (AT4G12735) mRNA, complete cds [NM_202810]
AT4G12830	-2.93	0.00162574	0.00017831	0.00003295	0.0091411	NM_117352	ref|Arabidopsis thaliana hydrolase, alpha/beta fold family protein (AT4G12830) mRNA, complete cds [NM_117352]
AT4G12880	-2	0.00922302	0.0180232	0.00374458	0.13015373	NM_001203	ref|Arabidopsis thaliana early nodulin-like protein 19 (ENODL19) mRNA, complete cds [NM_001203782]
AT4G12900	-2.3	0.00050331	0.00719695	0.00074812	0.05319182	NM_117359	ref|Arabidopsis thaliana Gamma interferon responsive lysosomal thiol (GILT) reductase family protein (AT4G12900) mRNA, complete cds [NM_1
AT4G12917	-2.66	0.0013	0.00051585	0.00013622	0.01937107	BX828992	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTSIL58ZA07 of Silique of strain col-0 of Arabidopsis thaliana (thale c
AT4G12980	-3.96	0.00005914	0.00005914	0.00000088	0.00090909	NM_117367	ref|Arabidopsis thaliana putative auxin-responsive protein (AT4G12980) mRNA, complete cds [NM_117367]
AT4G13180	4.1	0.00003072	0.00245458	0.00037373	0.02250333	NM_117387	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT4G13180) mRNA, complete cds [NM_117387]
AT4G13395	2.39	0.00023446	0.00112202	0.00352123	0.09461081	NM_001084	ref|Arabidopsis thaliana protein rotundifolia like 12 (RTFL12) mRNA, complete cds [NM_001084915]
AT4G13493	-2.61	0.00422771	0.00020115	0.00016652	0.02195335	GU125420	gb|Arabidopsis thaliana Ath-MIR850-863 polycistronic noncoding RNA, precursor RNA, Ath-miR850 miRNA and Ath-miR863 miRNA, complete se
AT4G13510	3.74	0.00025015	0.00001651	0.00058226	0.02961755	NM_117425	ref|Arabidopsis thaliana ammonium transporter 1;1 (AMT1;1) mRNA, complete cds [NM_117425]
AT4G13575	-2.52	0.00017257	0.00024535	0.0002448	0.02774436	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT4G13575) mRNA, complete cds [NM_001125504]
AT4G13800	-2.13	0.00051152	0.00142272	0.0016893	0.08366922	NM_117454	ref|Arabidopsis thaliana uncharacterized protein (AT4G13800) mRNA, complete cds [NM_117454]
AT4G13840	-2.23	0.00479634	0.00133724	0.00122711	0.07015171	NM_117458	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT4G13840) mRNA, complete cds [NM_117458]
AT4G13900	2.97	0.00053468	0.0009581	0.00147833	0.05330941	BT000466	gb|Arabidopsis thaliana putative disease resistance protein (At4g13900) mRNA, complete cds [BT000466]
AT4G13920	3.81	0.00001064	0.0003279	0.00048784	0.02645084	NM_117466	ref|Arabidopsis thaliana receptor like protein 50 (RLP50) mRNA, complete cds [NM_117466]
AT4G14130	-4.25	0.00165877	0.00165877	0.00000044	0.000625	NM_117490	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH15) mRNA, complete cds [NM_117490]
AT4G14220	2.76	0.00009991	0.00023479	0.0019069	0.06387407	NM_117499	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase RHF1A (RHF1A) mRNA, complete cds [NM_117499]
AT4G14365	24.47	0.000001	0.000001	0	0	NM_117514	ref|Arabidopsis thaliana putative E3 ubiquitin-protein ligase XBAT34 (XBAT34) mRNA, complete cds [NM_117514]
AT4G14370	3.85	0.00003417	0.00044236	0.00047966	0.02622733	NM_117515	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G14370) mRNA, complete cds [NM_117515]
AT4G14390	5.91	0.00003216	0.00000428	0.00010681	0.00950787	NM_117518	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G14390) mRNA, complete cds [NM_117518]
AT4G14400	4.42	0.00004757	0.00003739	0.00029368	0.01886364	NM_117519	ref|Arabidopsis thaliana ankyrin repeat-containing protein (ACD6) mRNA, complete cds [NM_117519]
AT4G14420	2.12	0.00307396	0.00609669	0.00655904	0.14489497	NM_117521	ref|Arabidopsis thaliana HR-like lesion-inducing protein-like protein (AT4G14420) mRNA, complete cds [NM_117521]
AT4G14450	39.83	0.000001	0.000001	0	0	NM_117524	ref|Arabidopsis thaliana uncharacterized protein (AT4G14450) mRNA, complete cds [NM_117524]
AT4G14540	-2.31	0.00037181	0.00109384	0.00067736	0.05054455	NM_117534	ref|Arabidopsis thaliana nuclear transcription factor Y subunit B-3 (NF-YB3) mRNA, complete cds [NM_117534]
AT4G14610	3.56	0.00023674	0.00007318	0.00068023	0.03268863	ES444444	gb|RWM_NL_0171_613 Arabidopsis thaliana Col-0 RACE (RWM_NL_2007) Arabidopsis thaliana cDNA clone RWM_NL_0171 3', mRNA sequence |
AT4G14630	2.42	0.003731	0.00415302	0.00365192	0.09714118	NM_117545	ref|Arabidopsis thaliana germin-like protein subfamily 1 member 8 (GLP9) mRNA, complete cds [NM_117545]
AT4G14680	3.1	0.0003584	0.00018253	0.00122092	0.04751291	NM_117550	ref|Arabidopsis thaliana 3'-phosphoadenosine 5'-phosphosulfate synthase (APS3) mRNA, complete cds [NM_117550]
AT4G14740	-2.66	0.00079692	0.00051585	0.00014485	0.02003058	NM_202820	ref|Arabidopsis thaliana uncharacterized protein (AT4G14740) mRNA, complete cds [NM_202820]
AT4G14746	2.38	0.0003956	0.00435732	0.00342946	0.09325316	NM_148321	ref|Arabidopsis thaliana uncharacterized protein (AT4G14746) mRNA, complete cds [NM_148321]
AT4G15110	-2.05	0.00598206	0.01710305	0.00236046	0.10050847	NM_117600	ref|Arabidopsis thaliana cytochrome P450 97B3 (CYP97B3) mRNA, complete cds [NM_117600]
AT4G15120	2.6	0.00149356	0.00117458	0.00252322	0.07662861	NM_117601	ref|Arabidopsis thaliana VQ motif-containing protein (AT4G15120) mRNA, complete cds [NM_117601]
AT4G15233	2.31	0.0005789	0.01640024	0.00427797	0.10867978	TC393396	tc|Rep: ATP binding / ATPase/ nucleoside-triphosphatase/ nucleotide binding - Arabidopsis thaliana, complete [TC393396]
AT4G15236	3.68	0.0001557	0.00008151	0.00060018	0.03015556	NM_148328	ref|Arabidopsis thaliana ABC transporter G family member 43 (AT4G15236) mRNA, complete cds [NM_148328]
AT4G15248	-2.14	0.00098028	0.02737822	0.0014257	0.07584706	NM_001036	ref|Arabidopsis thaliana B-box type zinc finger-containing protein (AT4G15248) mRNA, complete cds [NM_001036568]
AT4G15510	-2.07	0.00075069	0.018419	0.00237063	0.10065728	NM_202826	ref|Arabidopsis thaliana PsbP domain-containing protein 1 (AT4G15510) mRNA, complete cds [NM_202826]
AT4G15530	5.14	0.00001086	0.00001086	0.00016939	0.01316151	NM_001036	ref|Arabidopsis thaliana pyruvate, phosphate dikinase 1 (PPDK) mRNA, complete cds [NM_001036570]
AT4G15610	4.54	0.00064245	0.00064245	0.00028483	0.01863965	NM_117652	ref|Arabidopsis thaliana uncharacterized protein (AT4G15610) mRNA, complete cds [NM_117652]
AT4G15790	-2.2	0.00375049	0.00120547	0.00114087	0.06726206	NM_117670	ref|Arabidopsis thaliana uncharacterized protein (AT4G15790) mRNA, complete cds [NM_117670]
AT4G15975	6.16	0.00002278	0.00002278	0.00009598	0.00885714	NM_117690	ref|Arabidopsis thaliana RING-H2 finger protein ATL17 (AT4G15975) mRNA, complete cds [NM_117690]
AT4G16155	-2.2	0.00557355	0.00120547	0.00112251	0.06687747	NM_117711	ref|Arabidopsis thaliana dihydrolipoyl dehydrogenase (AT4G16155) mRNA, complete cds [NM_117711]
AT4G16260	30.04	0.000001	0.000001	0	0	NM_117722	ref|Arabidopsis thaliana catalytic/ cation binding / hydrolase (AT4G16260) mRNA, complete cds [NM_117722]
AT4G16410	-2.06	0.0011376	0.00300431	0.00235294	0.10047214	NM_117736	ref|Arabidopsis thaliana uncharacterized protein (AT4G16410) mRNA, complete cds [NM_117736]
AT4G16515	-2.97	0.00013044	0.00013044	0.00003737	0.00976879	NM_117750	ref|Arabidopsis thaliana uncharacterized protein (RGF6) mRNA, complete cds [NM_117750]
AT4G16563	-2.11	0.01640771	0.00433068	0.00210128	0.09380059	NM_117756	ref|Arabidopsis thaliana aspartyl protease family protein (AT4G16563) mRNA, complete cds [NM_117756]
AT4G16600	2.09	0.0114125	0.0035116	0.00728682	0.15594416	NM_117761	ref|Arabidopsis thaliana GT8-glycogenin domain-containing protein (AT4G16600) mRNA, complete cds [NM_117761]
AT4G16660	2.85	0.00025514	0.00288369	0.00165635	0.05765974	NM_117767	ref|Arabidopsis thaliana hypoxia up-regulated 1 (AT4G16660) mRNA, complete cds [NM_117767]
AT4G16740	-2.06	0.01671145	0.00300431	0.00214662	0.09516667	NM_001036	ref|Arabidopsis thaliana (E)-beta-ocimene synthase (TPS03) mRNA, complete cds [NM_001036574]
AT4G16760	2.47	0.00105808	0.00595416	0.00317492	0.0886782	NM_001203	ref|Arabidopsis thaliana peroxisomal acyl-coenzyme A oxidase 1 (ACX1) mRNA, complete cds [NM_001203815]
AT4G16820	2.54	0.00018887	0.0004648	0.00270212	0.08001965	NM_117784	ref|Arabidopsis thaliana lipase class 3 family protein (PLA-I{beta}2) mRNA, complete cds [NM_117784]
AT4G17070	2.78	0.00216046	0.00012828	0.0019927	0.06606305	NM_117811	ref|Arabidopsis thaliana peptidyl-prolyl cis-trans isomerase (AT4G17070) mRNA, complete cds [NM_117811]
AT4G17180	-2.1	0.00487067	0.0080778	0.00213246	0.09472495	NM_117822	ref|Arabidopsis thaliana O-Glycosyl hydrolases family 17 protein (AT4G17180) mRNA, complete cds [NM_117822]
AT4G17215	2.85	0.00114455	0.00288369	0.00166807	0.05788949	NM_117826	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT4G17215) mRNA, complete cds [NM_117826]
AT4G17230	3.05	0.00107858	0.00023791	0.00125166	0.04817021	NM_117828	ref|Arabidopsis thaliana protein scarecrow-like 13 (SCL13) mRNA, complete cds [NM_117828]
AT4G17250	2.63	0.00027597	0.00195675	0.00231977	0.07279667	NM_001203	ref|Arabidopsis thaliana uncharacterized protein (AT4G17250) mRNA, complete cds [NM_001203820]
AT4G17340	-2.81	0.00036805	0.00036805	0.00005396	0.01140187	NM_117838	ref|Arabidopsis thaliana putative aquaporin TIP2-2 (TIP2;2) mRNA, complete cds [NM_117838]
AT4G17490	5.89	0.00002151	0.00002151	0.00010902	0.00962891	NM_117854	ref|Arabidopsis thaliana ethylene-responsive transcription factor 6 (ERF6) mRNA, complete cds [NM_117854]
AT4G17500	8.66	0.00007707	0.00007707	0.00002499	0.00362179	NM_117855	ref|Arabidopsis thaliana ethylene-responsive transcription factor 1A (ERF-1) mRNA, complete cds [NM_117855]
AT4G17615	2.61	0.00024535	0.00045182	0.00236931	0.07363574	NM_202837	ref|Arabidopsis thaliana calcineurin B-like protein 1 (CBL1) mRNA, complete cds [NM_202837]
AT4G17660	3.06	0.0001557	0.00007852	0.00121429	0.04729543	NM_117874	ref|Arabidopsis thaliana protein kinase family protein (AT4G17660) mRNA, complete cds [NM_117874]
AT4G17670	2.08	0.00558024	0.00903855	0.00691973	0.1504375	NM_117875	ref|Arabidopsis thaliana uncharacterized protein (AT4G17670) mRNA, complete cds [NM_117875]
AT4G17720	2.37	0.00326357	0.00027379	0.0037218	0.09847864	NM_117881	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT4G17720) mRNA, complete cds [NM_117881]
AT4G17770	-2.53	0.00297958	0.00131048	0.00023375	0.02710256	NM_117886	ref|Arabidopsis thaliana alpha,alpha-trehalose-phosphate synthase [UDP-forming] 5 (TPS5) mRNA, complete cds [NM_117886]
AT4G17810	-2.25	0.02077572	0.00040651	0.00086776	0.05720117	NM_117891	ref|Arabidopsis thaliana C2H2 and C2HC zinc finger-containing protein (AT4G17810) mRNA, complete cds [NM_117891]
AT4G17900	2.23	0.00111038	0.00189881	0.0049637 3	0.1201606	NM_117900	ref|Arabidopsis thaliana PLATZ transcription factor family protein (AT4G17900) mRNA, complete cds [NM_117900]
AT4G18010	3.47	0.00050534	0.00103291	0.00078218	0.03547643	NM_179071	ref|Arabidopsis thaliana Type I inositol-1,4,5-trisphosphate 5-phosphatase 2 (5PTASE2) mRNA, complete cds [NM_179071]
AT4G18170	3.05	0.00015238	0.00023791	0.00128151	0.04898563	NM_117927	ref|Arabidopsis thaliana WRKY DNA-binding protein 28 (WRKY28) mRNA, complete cds [NM_117927]
AT4G18195	2.99	0.00083439	0.00049296	0.00136687	0.05095631	NM_001036	ref|Arabidopsis thaliana purine permease 8 (PUP8) mRNA, complete cds [NM_001036585]
AT4G18197	2.56	0.00067813	0.00112942	0.00277996	0.08152399	NM_001036	ref|Arabidopsis thaliana purine permease 7 (PUP7) mRNA, complete cds [NM_001036586]
AT4G18205	2.68	0.001563	0.00362481	0.00235847	0.07345041	NM_001036	ref|Arabidopsis thaliana putative purine permease 21 (AT4G18205) mRNA, complete cds [NM_001036587]
AT4G18250	9	0.00000543	0.00000543	0.00002101	0.00327586	NM_117935	ref|Arabidopsis thaliana putative receptor serine/threonine kinase (AT4G18250) mRNA, complete cds [NM_117935]
AT4G18360	2.25	0.00068085	0.00448106	0.00445467	0.1117869	NM_001084	ref|Arabidopsis thaliana (S)-2-hydroxy-acid oxidase (AT4G18360) mRNA, complete cds [NM_001084937]
AT4G18430	7.7	0.00000545	0.00000545	0.00004157	0.00517906	NM_117956	ref|Arabidopsis thaliana RAB GTPase homolog A1E (RABA1e) mRNA, complete cds [NM_117956]
AT4G18570	-2.17	0.00289256	0.00126404	0.00112096	0.06687335	NM_117970	ref|Arabidopsis thaliana uncharacterized protein (AT4G18570) mRNA, complete cds [NM_117970]
AT4G18740	-2.32	0.00073406	0.00078528	0.00056391	0.04450262	NM_001203	ref|Arabidopsis thaliana Rho termination factor (AT4G18740) mRNA, complete cds [NM_001203834]
AT4G18880	6.41	0.00000997	0.00000249	0.00007629	0.00764967	NM_118004	ref|Arabidopsis thaliana heat stress transcription factor A-4a (HSF A4A) mRNA, complete cds [NM_118004]
AT4G18950	2.38	0.0021449	0.00435732	0.00349757	0.09414286	NM_118012	ref|Arabidopsis thaliana Integrin-linked protein kinase family protein (AT4G18950) mRNA, complete cds [NM_118012]
AT4G19100	-2.06	0.0008809	0.00300431	0.00249956	0.10284804	NM_202842	ref|Arabidopsis thaliana uncharacterized protein (AT4G19100) mRNA, complete cds [NM_202842]
AT4G19140	2.03	0.01293536	0.00506757	0.00781955	0.16332564	NM_118033	ref|Arabidopsis thaliana uncharacterized protein (AT4G19140) mRNA, complete cds [NM_118033]
AT4G19170	-2.47	0.00109297	0.01066583	0.00031026	0.03167043	NM_118036	ref|Arabidopsis thaliana putative carotenoid cleavage dioxygenase 4 (NCED4) mRNA, complete cds [NM_118036]
AT4G19370	4.77	0.00000543	0.00009435	0.00021561	0.01552548	NM_118057	ref|Arabidopsis thaliana uncharacterized protein (AT4G19370) mRNA, complete cds [NM_118057]
AT4G19515	6.54	0.00000642	0.0000042	0.0000743	0.00761905	AV545862	tc|Rep: Resistance protein RPP5-like - Arabidopsis thaliana (Mouse-ear cress), partial (35%) [TC395781]
AT4G19520	2.94	0.00008598	0.00012716	0.0014372	0.05236906	TC382238	tc|Rep: Resistance protein RPP5-like - Arabidopsis thaliana (Mouse-ear cress), partial (63%) [TC382238]
AT4G19530	-3.51	0.00077404	0.00077404	0.00000177	0.00111111	NM_118073	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G19530) mRNA, complete cds [NM_118073]
AT4G19810	3.18	0.00204705	0.00003478	0.00120102	0.04706239	NM_118101	ref|Arabidopsis thaliana Glycosyl hydrolase family protein with chitinase insertion domain (AT4G19810) mRNA, complete cds [NM_118101]
AT4G19880	3.61	0.00014593	0.00037974	0.0006318	0.031122	NM_118108	ref|Arabidopsis thaliana Intracellular chloride channel-like protein (AT4G19880) mRNA, complete cds [NM_118108]
AT4G19970	4.5	0.00000906	0.00000906	0.00026183	0.01754074	NM_118115	ref|Arabidopsis thaliana uncharacterized protein (AT4G19970) mRNA, complete cds [NM_118115]
AT4G20000	25.65	0.00000293	0.00000293	0	0	NM_118119	ref|Arabidopsis thaliana VQ motif-containing protein (AT4G20000) mRNA, complete cds [NM_118119]
AT4G20110	6.75	0.00001868	0.00001868	0.00007077	0.00737327	NM_001203	ref|Arabidopsis thaliana vacuolar-sorting receptor 7 (VSR7) mRNA, complete cds [NM_001203848]
AT4G20140	-2.5	0.00099685	0.00573981	0.00025475	0.02844444	NM_118133	ref|Arabidopsis thaliana LRR receptor-like serine/threonine-protein kinase GSO1 (GSO1) mRNA, complete cds [NM_118133]
AT4G20260	-2.14	0.04758129	0.02737822	0.00132486	0.07306098	NM_001203	ref|Arabidopsis thaliana plasma-membrane associated cation-binding protein 1 (PCAP1) mRNA, complete cds [NM_001203849]
AT4G20460	2.07	0.00121959	0.00233174	0.00647567	0.14375552	NM_118165	ref|Arabidopsis thaliana putative UDP-arabinose 4-epimerase 3 (AT4G20460) mRNA, complete cds [NM_118165]
AT4G20780	2.32	0.00325792	0.00035825	0.00446882	0.11207987	NM_118196	ref|Arabidopsis thaliana calcium-binding protein CML42 (CML42) mRNA, complete cds [NM_118196]
AT4G20830	8.45	0.00000667	0.00000667	0.0000272	0.0037963	NM_202851	ref|Arabidopsis thaliana Reticuline oxidase-like protein (AT4G20830) mRNA, complete cds [NM_202851]
AT4G20860	7.26	0.00000581	0.00000581	0.00005197	0.00588972	NM_118204	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT4G20860) mRNA, complete cds [NM_118204]
AT4G20870	-2.42	0.00054499	0.00016499	0.00041796	0.03705882	NM_118205	ref|Arabidopsis thaliana fatty acid hydroxylase 2 (FAH2) mRNA, complete cds [NM_118205]

AT4G21120	8.75	0.00000261	0.00000261	0.00002388	0.00352941	NM_118231	ref|Arabidopsis thaliana amino acid transporter 1 (AAT1) mRNA, complete cds [NM_118231]
AT4G21180	2.5	0.00453683	0.00438726	0.00293521	0.08475734	NM_118237	ref|Arabidopsis thaliana DnaJ / Sec63 Brl domains-containing protein (ATERDJ2B) mRNA, complete cds [NM_118237]
AT4G21190	-2.13	0.00126404	0.00142272	0.001751	0.08513978	NM_118238	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (emb1417) mRNA, complete cds [NM_118238]
AT4G21366	3.11	0.002824	0.0003762	0.00127488	0.04881456	NM_148366	ref|Arabidopsis thaliana protein kinase family protein (AT4G21366) mRNA, complete cds [NM_148366]
AT4G21380	2.26	0.00115047	0.00229575	0.00457099	0.11375894	NM_118258	ref|Arabidopsis thaliana receptor kinase 3 (RK3) mRNA, complete cds [NM_118258]
AT4G21390	9.64	0.00000292	0.00000292	0.00001393	0.00238636	NM_118259	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (B120) mRNA, complete cds [NM_118259]
AT4G21400	3.55	0.00017257	0.00016607	0.00069704	0.03328405	NM_118260	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 28 (CRK28) mRNA, complete cds [NM_118260]
AT4G21445	-2.15	0.00448198	0.0022173	0.00162096	0.08235955	NM_148367	ref|Arabidopsis thaliana uncharacterized protein (AT4G21445) mRNA, complete cds [NM_148367]
AT4G21580	2.59	0.00072944	0.00074879	0.00263843	0.07875248	NM_001084	ref|Arabidopsis thaliana putative NADPH quinone oxidoreductase (AT4G21580) mRNA, complete cds [NM_001084950]
AT4G21750	-2.23	0.00069127	0.00133724	0.00098165	0.06165278	NM_001036	ref|Arabidopsis thaliana homeobox-leucine zipper protein MERISTEM L1 (ATML1) mRNA, complete cds [NM_001036615]
AT4G21830	4.45	0.00000887	0.00021313	0.00027156	0.0179795	NM_118303	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B7 (MSRB7) mRNA, complete cds [NM_118303]
AT4G21840	12.75	0.00000147	0.00000147	0.00000464	0.00118644	NM_118304	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B8 (MSRB8) mRNA, complete cds [NM_118304]
AT4G21850	4.82	0.00031606	0.00031606	0.0002207	0.01566719	NM_179087	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B9 (MSRB9) mRNA, complete cds [NM_179087]
AT4G21903	9.26	0.00001843	0.00001843	0.00001924	0.00308511	NM_001125	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT4G21903) mRNA, complete cds [NM_001125553]
AT4G21920	5.17	0.00000717	0.00000717	0.00016718	0.01303448	NM_118313	ref|Arabidopsis thaliana uncharacterized protein (AT4G21920) mRNA, complete cds [NM_118313]
AT4G21990	3.82	0.00120354	0.00015573	0.00058846	0.02979843	NM_118320	ref|Arabidopsis thaliana 5'-adenylylsulfate reductase 3 (APR3) mRNA, complete cds [NM_118320]
AT4G22010	-2.07	0.00195035	0.018419	0.00219682	0.0960735	NM_118322	ref|Arabidopsis thaliana protein SKU5 similar 4 (sks4) mRNA, complete cds [NM_118322]
AT4G22070	2.73	0.00051095	0.00009991	0.00206347	0.06737184	NM_118328	ref|Arabidopsis thaliana WRKY DNA-binding protein 31 (WRKY31) mRNA, complete cds [NM_118328]
AT4G22130	-2.06	0.01538426	0.00300431	0.0028264	0.11008613	NM_118334	ref|Arabidopsis thaliana STRUBBELIG-receptor family 8 protein (SRF8) mRNA, complete cds [NM_118334]
AT4G22200	-2.2	0.00609669	0.00120547	0.00133636	0.07342649	NM_118342	ref|Arabidopsis thaliana Potassium channel AKT2/3 (KT2/3) mRNA, complete cds [NM_118342]
AT4G22530	8.69	0.00008916	0.00008916	0.0000241	0.00351613	NM_118379	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase domain-containing protein (AT4G22530) mRNA, complete cds [N
AT4G22690	2.71	0.01973146	0.00020402	0.00243123	0.07484003	NM_118395	ref|Arabidopsis thaliana cytochrome P450, family 706, subfamily A, polypeptide 1 (CYP706A1) mRNA, complete cds [NM_118395]
AT4G22710	2.62	0.00113743	0.00042733	0.00238921	0.07394935	NM_118397	ref|Arabidopsis thaliana cytochrome P450, family 706, subfamily A, polypeptide 2 (CYP706A2) mRNA, complete cds [NM_118397]
AT4G22780	3.13	0.00019011	0.00025062	0.00115281	0.04592952	NM_118407	ref|Arabidopsis thaliana ACT domain repeat 7 protein (ACR7) mRNA, complete cds [NM_118407]
AT4G22820	2.29	0.00948314	0.00067661	0.00488899	0.11918059	NM_202865	ref|Arabidopsis thaliana zinc finger A20 and AN1 domain-containing stress-associated protein 9 (AT4G22820) mRNA, complete cds [NM_202865
AT4G22890	-2.48	0.00355523	0.00011455	0.00032508	0.03245033	NM_179091	ref|Arabidopsis thaliana PGR5-like protein 1A (PGR5-LIKE A) mRNA, complete cds [NM_179091]
AT4G22980	2.43	0.0003956	0.01497154	0.00322203	0.08955132	NM_118427	ref|Arabidopsis thaliana uncharacterized protein (AT4G22980) mRNA, complete cds [NM_118427]
AT4G23010	3.6	0.00007877	0.00063627	0.00063047	0.03115847	NM_001203	ref|Arabidopsis thaliana UDP-galactose transporter 2 (UTR2) mRNA, complete cds [NM_001203877]
AT4G23030	3.79	0.00031495	0.0003061	0.00053229	0.02805361	NM_118432	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT4G23030) mRNA, complete cds [NM_118432]
AT4G23130	2.91	0.00021761	0.00036907	0.00154843	0.05509048	NM_179094	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 5 (CRK5) mRNA, complete cds [NM_179094]
AT4G23140	8.92	0.00001991	0.00001991	0.00002211	0.0033557	NM_179095	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 6 (CRK6) mRNA, complete cds [NM_179095]
AT4G23150	27.51	0.00000252	0.00000252	0	0	NM_118444	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 7 (CRK7) mRNA, complete cds [NM_118444]
AT4G23160	2.06	0.00177882	0.00370388	0.00702609	0.15201914	NM_118445	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 8 (CRK8) mRNA, complete cds [NM_118445]
AT4G23170	7.7	0.00017257	0.00000545	0.00004157	0.00516484	NM_118446	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 9 (EP1) mRNA, complete cds [NM_118446]
AT4G23180	3.9	0.00460459	0.00460459	0.00057386	0.02945516	NM_118447	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 10 (CRK10) mRNA, complete cds [NM_118447]
AT4G23190	12.12	0.00000277	0.00000277	0.00000553	0.00128866	NM_118448	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 11 (CRK11) mRNA, complete cds [NM_118448]
AT4G23200	3.72	0.00047803	0.00052814	0.00057607	0.02943503	NM_118449	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 12 (CRK12) mRNA, complete cds [NM_118449]
AT4G23210	3.39	0.00005398	0.0001816	0.00080916	0.03626363	NM_001084	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 13 (CRK13) mRNA, complete cds [NM_001084966]
AT4G23215	12.54	0.00000261	0.00000261	0.00000464	0.00114754	EG511673	gb|AYBII19TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG511673]
AT4G23220	10.33	0.00000106	0.00000106	0.00001172	0.00221757	NM_118451	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 14 (CRK14) mRNA, complete cds [NM_118451]
AT4G23230	5.49	0.00000628	0.00000628	0.00013843	0.01152855	NM_118452	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 15 (CRK15) mRNA, complete cds [NM_118452]
AT4G23250	3.29	0.00008482	0.00021468	0.00093277	0.04001898	NM_118454	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 17 (EMB1290) mRNA, complete cds [NM_118454]
AT4G23260	2.69	0.00176299	0.00054334	0.00215458	0.06914833	NM_001203	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 18 (CRK18) mRNA, complete cds [NM_001203880]
AT4G23280	13.28	0.00000172	0.00000172	0.00000398	0.00105263	NM_118457	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 20 (CRK20) mRNA, complete cds [NM_118457]
AT4G23290	-2.75	0.00063576	0.00351044	0.00007939	0.01430279	NM_118458	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 21 (CRK21) mRNA, complete cds [NM_118458]
AT4G23310	2.89	0.00018887	0.00017249	0.00156723	0.05541048	NM_118460	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 23 (CRK23) mRNA, complete cds [NM_118460]
AT4G23320	2.01	0.0032971	0.00354347	0.00774104	0.16243619	NM_118461	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 24 (CRK24) mRNA, complete cds [NM_118461]
AT4G23400	-2.44	0.00051273	0.00237589	0.00032884	0.03260965	NM_118469	ref|Arabidopsis thaliana putative aquaporin PIP1-5 (PIP1;5) mRNA, complete cds [NM_118469]
AT4G23450	2.22	0.00051154	0.00087028	0.00488965	0.11906839	NM_001203	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT4G23450) mRNA, complete cds [NM_001203884]
AT4G23470	2.31	0.00545547	0.01640024	0.0047364	0.11659227	NM_202868	ref|Arabidopsis thaliana PLAC8 family protein (AT4G23470) mRNA, complete cds [NM_202868]
AT4G23550	2.25	0.01948991	0.00448106	0.00570655	0.1319274	NM_118486	ref|Arabidopsis thaliana putative WRKY transcription factor 29 (WRKY29) mRNA, complete cds [NM_118486]
AT4G23570	2.74	0.0001248	0.0001347	0.00200088	0.06623719	NM_001036	ref|Arabidopsis thaliana phosphatase SGT1a (SGT1A) mRNA, complete cds [NM_001036627]
AT4G23600	2.87	0.00703476	0.00024478	0.00184874	0.06257485	NM_179099	ref|Arabidopsis thaliana cystine lyase (CORI3) mRNA, complete cds [NM_179099]
AT4G23610	12.57	0.00000156	0.00000156	0.00000509	0.00125	NM_118492	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT4G23610) mRNA, complete cds [NM_118492]
AT4G23670	-3.02	0.00776431	0.00776431	0.0000356	0.00952663	NM_118498	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT4G23670) mRNA, complete cds [NM_118498]
AT4G23700	28.93	0.00000249	0.00000249	0	0	NM_118501	ref|Arabidopsis thaliana cation/H(+) antiporter 17 (CHX17) mRNA, complete cds [NM_118501]
AT4G23750	-2.22	0.00080742	0.04328289	0.00105352	0.0642915	NM_202870	ref|Arabidopsis thaliana ethylene-responsive transcription factor CRF2 (CRF2) mRNA, complete cds [NM_202870]
AT4G23800	-3.23	0.00042046	0.00016344	0.00000862	0.00397959	NM_118511	ref|Arabidopsis thaliana HMG (high mobility group) box protein (AT4G23800) mRNA, complete cds [NM_118511]
AT4G23810	27.74	0.000001	0.000001	0	0	NM_118512	ref|Arabidopsis thaliana putative WRKY transcription factor 53 (WRKY53) mRNA, complete cds [NM_118512]
AT4G23820	-2.35	0.00094362	0.01888052	0.00047988	0.0400369	NM_118513	ref|Arabidopsis thaliana glycoside hydrolase family 28 protein / polygalacturonase (pectinase) family protein (AT4G23820) mRNA, complete cds
AT4G23870	-2	0.00527405	0.0180232	0.00378947	0.13051028	NM_118518	ref|Arabidopsis thaliana uncharacterized protein (AT4G23870) mRNA, complete cds [NM_118518]
AT4G23885	2.79	0.00102668	0.00012564	0.00188501	0.06337546	NM_118520	ref|Arabidopsis thaliana uncharacterized protein (AT4G23885) mRNA, complete cds [NM_118520]
AT4G24000	2.32	0.00058679	0.00035825	0.00401747	0.10375214	NM_118532	ref|Arabidopsis thaliana cellulose synthase-like protein G2 (CSLG2) mRNA, complete cds [NM_118532]
AT4G24110	3.56	0.00121444	0.00007318	0.00075409	0.03511843	NM_118543	ref|Arabidopsis thaliana uncharacterized protein (AT4G24110) mRNA, complete cds [NM_118543]
AT4G24160	2.15	0.03434321	0.0020554	0.00787948	0.16427386	NM_202876	ref|Arabidopsis thaliana hydrolase, alpha/beta fold family protein (AT4G24160) mRNA, complete cds [NM_202876]
AT4G24190	2.53	0.000367	0.00084979	0.00276847	0.08129221	NM_202877	ref|Arabidopsis thaliana endoplasmin-like protein (SHD) mRNA, complete cds [NM_202877]
AT4G24350	2.22	0.00107876	0.00087028	0.00512627	0.12284579	NM_001125	ref|Arabidopsis thaliana phosphorylase family protein (AT4G24350) mRNA, complete cds [NM_001125571]
AT4G24380	2.46	0.01372193	0.00369727	0.0040146	0.10373714	NM_001036	ref|Arabidopsis thaliana uncharacterized protein (AT4G24380) mRNA, complete cds [NM_001036630]
AT4G24570	10.59	0.00330137	0.00330137	0.0000084	0.00178404	NM_118590	ref|Arabidopsis thaliana dicarboxylate carrier 2 (DIC2) mRNA, complete cds [NM_118590]
AT4G24670	-2.02	0.02404492	0.00341945	0.00271672	0.10691906	NM_202879	ref|Arabidopsis thaliana tryptophan aminotransferase related 2 (TAR2) mRNA, complete cds [NM_202879]
AT4G24700	-2.04	0.03013527	0.00110793	0.00253472	0.10335437	NM_118603	ref|Arabidopsis thaliana uncharacterized protein (AT4G24700) mRNA, complete cds [NM_118603]
AT4G24750	-2.02	0.00203271	0.00341945	0.00323109	0.11927347	NM_118608	ref|Arabidopsis thaliana rhodanese homology domain-containing protein (AT4G24750) mRNA, complete cds [NM_118608]
AT4G24780	-2	0.00267908	0.0180232	0.00360416	0.12732812	NM_118611	ref|Arabidopsis thaliana putative pectate lyase 18 (AT4G24780) mRNA, complete cds [NM_118611]
AT4G24920	2.72	0.00055614	0.0052735	0.00213025	0.06861111	NM_118624	ref|Arabidopsis thaliana protein transport protein sec61 subunit gamma-1 (AT4G24920) mRNA, complete cds [NM_118624]
AT4G25030	2.48	0.00048644	0.00362616	0.0029686	0.0852859	NM_202884	ref|Arabidopsis thaliana uncharacterized protein (AT4G25030) mRNA, complete cds [NM_202884]
AT4G25040	-2.23	0.00870038	0.00133724	0.00098165	0.06173853	NM_118636	ref|Arabidopsis thaliana uncharacterized protein (AT4G25040) mRNA, complete cds [NM_118636]
AT4G25070	5.99	0.00007078	0.00004783	0.00010106	0.00914	NM_118639	ref|Arabidopsis thaliana uncharacterized protein (AT4G25070) mRNA, complete cds [NM_118639]
AT4G25110	9.98	0.00002248	0.00002248	0.00001238	0.00225806	NM_118643	ref|Arabidopsis thaliana metacaspase 2 (MC2) mRNA, complete cds [NM_118643]
AT4G25260	-2.13	0.02474814	0.00142272	0.00135648	0.07390361	NM_118658	ref|Arabidopsis thaliana plant invertase/pectin methylesterase inhibitor domain-containing protein (AT4G25260) mRNA, complete cds [NM_118
AT4G25390	2.51	0.0018597	0.00098541	0.00312185	0.08757444	NM_118671	ref|Arabidopsis thaliana protein kinase family protein (AT4G25390) mRNA, complete cds [NM_118671]
AT4G25420	-2.09	0.00144383	0.00264018	0.00207165	0.0933998	NM_118674	ref|Arabidopsis thaliana gibberellin 20 oxidase 1 (GA20OX1) mRNA, complete cds [NM_118674]
AT4G25490	2.7	0.00601077	0.00118503	0.00244604	0.07504071	NM_118681	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 1B (CBF1) mRNA, complete cds [NM_118681]
AT4G25780	-4.27	0.00003215	0.00003215	0.00000044	0.00074074	NM_118710	ref|Arabidopsis thaliana putative pathogenesis-related protein (AT4G25780) mRNA, complete cds [NM_118710]
AT4G25810	3.57	0.00033234	0.00003072	0.00068576	0.03288441	NM_118713	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTR6) mRNA, complete cds [NM_118713]
AT4G25900	4.2	0.00077607	0.00004285	0.00037439	0.0225133	NM_118723	ref|Arabidopsis thaliana aldose 1-epimerase family protein (AT4G25900) mRNA, complete cds [NM_118723]
AT4G25910	-2.28	0.00042733	0.00104319	0.00079279	0.05448328	NM_118724	ref|Arabidopsis thaliana NifU-like protein 3 (NFU3) mRNA, complete cds [NM_118724]
AT4G26060	3.99	0.00003896	0.00002422	0.00041619	0.02422136	NM_118739	ref|Arabidopsis thaliana ribosomal protein L18ae family protein (AT4G26060) mRNA, complete cds [NM_118739]
AT4G26070	2.68	0.00015154	0.00362481	0.0021234	0.06858571	NM_179115	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase 1 (MEK1) mRNA, complete cds [NM_179115]
AT4G26090	2.66	0.01885419	0.0001248	0.00299934	0.08589614	NM_118742	ref|Arabidopsis thaliana disease resistance protein RPS2 (RPS2) mRNA, complete cds [NM_118742]
AT4G26120	3.43	0.00005933	0.00002368	0.00077532	0.03537841	NM_118745	ref|Arabidopsis thaliana ankyrin repeat and BTB/POZ domain-containing protein (AT4G26120) mRNA, complete cds [NM_118745]
AT4G26200	3.6	0.00015393	0.00063627	0.00064374	0.03140237	NM_118753	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 7 (ACS7) mRNA, complete cds [NM_118753]
AT4G26270	4.21	0.00012577	0.00012183	0.00035692	0.02169355	NM_118760	ref|Arabidopsis thaliana 6-phosphofructokinase 3 (PFK3) mRNA, complete cds [NM_118760]
AT4G26520	-2.96	0.01624109	0.00057347	0.00002521	0.0077551	NM_118785	ref|Arabidopsis thaliana fructose-bisphosphate aldolase, cytoplasmic isozyme (AT4G26520) mRNA, complete cds [NM_118785]
AT4G26530	-2.08	0.00145072	0.00099138	0.00209553	0.09372898	NM_001036	ref|Arabidopsis thaliana fructose-bisphosphate aldolase, class I (AT4G26530) mRNA, complete cds [NM_001036644]
AT4G26540	-3.13	0.00124463	0.00062298	0.00001172	0.00504762	NM_118787	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT4G26540) mRNA, complete cds [NM_118787]
AT4G26860	-2.08	0.00351942	0.00099138	0.00236179	0.10047037	NM_001203	ref|Arabidopsis thaliana putative pyridoxal phosphate-dependent enzyme, YBL036C type (AT4G26860) mRNA, complete cds [NM_001203921]
AT4G26910	4.59	0.00003933	0.00022259	0.00024812	0.01697428	NM_118825	ref|Arabidopsis thaliana dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex 2 (AT4G26910) mR
AT4G26970	2.73	0.0001347	0.00009991	0.00202985	0.06680495	NM_118831	ref|Arabidopsis thaliana aconitase 2 (ACO2) mRNA, complete cds [NM_118831]
AT4G26990	2.64	0.00034869	0.00408384	0.00234653	0.07338174	NM_118833	ref|Arabidopsis thaliana uncharacterized protein (AT4G26990) mRNA, complete cds [NM_118833]
AT4G27030	-3.27	0.0002847	0.0011903	0.00000818	0.00402174	NM_118837	ref|Arabidopsis thaliana fatty acid desaturase A (FADA) mRNA, complete cds [NM_118837]
AT4G27070	3.32	0.00053923	0.00043442	0.00094626	0.04040604	NM_118841	ref|Arabidopsis thaliana tryptophan synthase beta chain (TSB2) mRNA, complete cds [NM_118841]
AT4G27280	3.98	0.00151289	0.00001466	0.00048762	0.0265343	NM_118862	ref|Arabidopsis thaliana EF-hand, calcium binding motif-containing protein (AT4G27280) mRNA, complete cds [NM_118862]
AT4G27300	3.94	0.00065522	0.00065522	0.00047921	0.02629854	NM_118864	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT4G27300) mRNA, complete cds [NM_118864]
AT4G27440	-2.32	0.00242138	0.00078528	0.00068731	0.05103448	NM_001036	ref|Arabidopsis thaliana protochlorophyllide reductase B (PORB) mRNA, complete cds [NM_001036654]
AT4G27460	2.03	0.0006709	0.00506757	0.00734011	0.15678791	NM_118881	ref|Arabidopsis thaliana cystathionine beta-synthase domain-containing protein (AT4G27460) mRNA, complete cds [NM_118881]
AT4G27500	2.02	0.00168019	0.00347273	0.00778571	0.16299537	NM_118885	ref|Arabidopsis thaliana proton pump interactor 1 (PPI1) mRNA, complete cds [NM_118885]
AT4G27700	-2.5	0.00784791	0.00573981	0.00024281	0.02765743	NM_118909	ref|Arabidopsis thaliana rhodanese-like domain-containing protein (AT4G27700) mRNA, complete cds [NM_118909]
AT4G27830	2.41	0.00070644	0.00072694	0.00357784	0.09567711	NM_118921	ref|Arabidopsis thaliana beta glucosidase 10 (BGLU10) mRNA, complete cds [NM_118921]
AT4G28085	2.14	0.00459084	0.00180611	0.00613888	0.13866134	NM_118948	ref|Arabidopsis thaliana uncharacterized protein (AT4G28085) mRNA, complete cds [NM_118948]
AT4G28190	-2.12	0.00831753	0.01698645	0.00165259	0.08321826	NM_118959	ref|Arabidopsis thaliana protein ULTRAPETALA 1 (ULT1) mRNA, complete cds [NM_118959]
AT4G28350	3.17	0.00009818	0.00006831	0.00106966	0.04417352	NM_118975	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G28350) mRNA, complete cds [NM_118975]
AT4G28390	3.15	0.00012389	0.00043913	0.00110172	0.0449639	NM_118980	ref|Arabidopsis thaliana ADP/ATP carrier 3 protein (AAC3) mRNA, complete cds [NM_118980]
AT4G28400	2.15	0.00038096	0.0020554	0.00548032	0.12867082	NM_118982	ref|Arabidopsis thaliana putative protein phosphatase 2C 58 (AT4G28400) mRNA, complete cds [NM_118982]
AT4G28420	2.87	0.00064219	0.00024478	0.00161057	0.05645736	NM_118984	ref|Arabidopsis thaliana Tyrosine transaminase family protein (AT4G28420) mRNA, complete cds [NM_118984]
AT4G28450	2.01	0.00503073	0.00354347	0.00798762	0.16553621	NM_118987	ref|Arabidopsis thaliana WD repeat and SOF domain-containing protein 1 (AT4G28450) mRNA, complete cds [NM_118987]
AT4G28460	28.3	0.000001	0.000001	0	0	NM_118988	ref|Arabidopsis thaliana uncharacterized protein (AT4G28460) mRNA, complete cds [NM_118988]
AT4G28490	7.27	0.00046918	0.00046918	0.00004887	0.00569588	NM_118991	ref|Arabidopsis thaliana receptor-like protein kinase 5 (HAE) mRNA, complete cds [NM_118991]
AT4G28703	2.23	0.00106663	0.00189881	0.00463291	0.11485746	NM_119013	ref|Arabidopsis thaliana cupin domain-containing protein (AT4G28703) mRNA, complete cds [NM_119013]
AT4G28780	-3.28	0.000411	0.000411	0.00001194	0.00504673	NM_119022	ref|Arabidopsis thaliana GDSL esterase/lipase (AT4G28780) mRNA, complete cds [NM_119022]

AT4G29020	-2.54	0.00571801	0.00051024	0.00019792	0.02438692	NM_001160	ref|Arabidopsis thaliana glycine-rich protein (AT4G29020) mRNA, complete cds [NM_001160801]
AT4G29040	2.1	0.01588411	0.0221732	0.0072291	0.1550759	NM_119048	ref|Arabidopsis thaliana 26S proteasome regulatory subunit 4-A (RPT2a) mRNA, complete cds [NM_119048]
AT4G29050	2.26	0.001442	0.00229575	0.00476515	0.1171087	NM_119049	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G29050) mRNA, complete cds [NM_119049]
AT4G29210	3.11	0.00009675	0.0003762	0.00112185	0.04537567	NM_202907	ref|Arabidopsis thaliana gamma-glutamyl transpeptidase 4 (GGT4) mRNA, complete cds [NM_202907]
AT4G29400	-2.46	0.01106559	0.00366616	0.00036488	0.03416149	NM_119085	ref|Arabidopsis thaliana uncharacterized protein (AT4G29400) mRNA, complete cds [NM_119085]
AT4G29520	2.21	0.00126709	0.00350233	0.00494383	0.11980707	NM_119097	ref|Arabidopsis thaliana uncharacterized protein (AT4G29520) mRNA, complete cds [NM_119097]
AT4G29780	12.2	0.00000172	0.00000172	0.00000531	0.00125654	NM_119124	ref|Arabidopsis thaliana uncharacterized protein (AT4G29780) mRNA, complete cds [NM_119124]
AT4G29810	2.71	0.00089152	0.00020402	0.00209376	0.06782235	NM_001125	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase 2 (MKK2) mRNA, complete cds [NM_001125607]
AT4G29900	2.43	0.00377523	0.01497154	0.00335405	0.09192121	NM_119136	ref|Arabidopsis thaliana Ca2+-transporting ATPase (ACA10) mRNA, complete cds [NM_119136]
AT4G29905	-2.04	0.04105073	0.00110793	0.00267227	0.10609306	NM_148384	ref|Arabidopsis thaliana uncharacterized protein (AT4G29905) mRNA, complete cds [NM_148384]
AT4G30060	3.25	0.00008151	0.00035503	0.00095975	0.04078947	NM_119152	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT4G30060) mRNA, complete cds [NM_11
AT4G30210	3.22	0.0012803	0.00008368	0.00108116	0.04444545	NM_179141	ref|Arabidopsis thaliana NADPH-ferrihemoprotein reductase (ATR2) mRNA, complete cds [NM_179141]
AT4G30280	2.24	0.03163078	0.00079276	0.00701238	0.15186782	NM_119174	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH18) mRNA, complete cds [NM_119174]
AT4G30350	2.16	0.02862904	0.00709441	0.00671849	0.14733754	NM_119181	ref|Arabidopsis thaliana heat shock-related protein (AT4G30350) mRNA, complete cds [NM_119181]
AT4G30410	-2.38	0.00965366	0.0038045	0.00047899	0.04011111	NM_202911	ref|Arabidopsis thaliana sequence-specific DNA binding transcription factor (AT4G30410) mRNA, complete cds [NM_202911]
AT4G30430	2.26	0.00067813	0.00229575	0.00438368	0.11043454	NM_119189	ref|Arabidopsis thaliana tetraspanin9 (TET9) mRNA, complete cds [NM_119189]
AT4G30490	2.37	0.00471125	0.00027379	0.00386687	0.10136812	NM_119195	ref|Arabidopsis thaliana AFG1-like protein (AT4G30490) mRNA, complete cds [NM_119195]
AT4G30530	4.11	0.00264844	0.00264844	0.00044096	0.0252086	NM_119199	ref|Arabidopsis thaliana class I glutamine amidotransferase domain-containing protein (AT4G30530) mRNA, complete cds [NM_119199]
AT4G30640	2.61	0.00181516	0.00045182	0.0025387	0.07689216	NM_119210	ref|Arabidopsis thaliana putative F-box/LRR-repeat protein 19 (AT4G30640) mRNA, complete cds [NM_119210]
AT4G30660	-2.07	0.00300224	0.018419	0.00209332	0.09372277	NM_001160	ref|Arabidopsis thaliana putative low temperature and salt responsive protein (AT4G30660) mRNA, complete cds [NM_001160806]
AT4G30690	-2.15	0.00039651	0.0022173	0.00146174	0.07721963	NM_001203	ref|Arabidopsis thaliana translation initiation factor IF-3 (AT4G30690) mRNA, complete cds [NM_001203945]
AT4G30910	2.5	0.00021154	0.00438726	0.00289407	0.08399872	NM_119238	ref|Arabidopsis thaliana leucine aminopeptidase 2 (AT4G30910) mRNA, complete cds [NM_119238]
AT4G31050	-2.06	0.0018816	0.00300431	0.00260681	0.10506239	NM_119255	ref|Arabidopsis thaliana Plastidial lipoyltransferase 2 (AT4G31050) mRNA, complete cds [NM_119255]
AT4G31290	-2.37	0.00236178	0.00043028	0.00044272	0.03835249	NM_119278	ref|Arabidopsis thaliana chaC-like protein (AT4G31290) mRNA, complete cds [NM_119278]
AT4G31500	7.4	0.00013275	0.00013275	0.00004401	0.00536388	NM_119299	ref|Arabidopsis thaliana cytochrome P450 83B1 (CYP83B1) mRNA, complete cds [NM_119299]
AT4G31800	10.25	0.00000261	0.00000261	0.00001172	0.00219008	NM_119329	ref|Arabidopsis thaliana WRKY transcription factor 18 (WRKY18) mRNA, complete cds [NM_119329]
AT4G31820	-2.2	0.01419074	0.00120547	0.00115679	0.06767141	NM_119332	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (ENP) mRNA, complete cds [NM_119332]
AT4G31850	-2.04	0.0062108	0.00110793	0.00314573	0.11727123	NM_119335	ref|Arabidopsis thaliana proton gradient regulation 3 (PGR3) mRNA, complete cds [NM_119335]
AT4G32280	-3.09	0.00019419	0.00011599	0.0000157	0.00591667	NM_119380	ref|Arabidopsis thaliana auxin-responsive protein IAA29 (IAA29) mRNA, complete cds [NM_119380]
AT4G32340	-2.04	0.00096938	0.00110793	0.0024487	0.10196133	NM_119386	ref|Arabidopsis thaliana tetratricopeptide repeat domain-containing protein-like protein (AT4G32340) mRNA, complete cds [NM_119386]
AT4G32480	2.07	0.00280549	0.00233174	0.00679058	0.14841469	NM_119400	ref|Arabidopsis thaliana uncharacterized protein (AT4G32480) mRNA, complete cds [NM_119400]
AT4G32570	-2.01	0.00581974	0.00809441	0.00287351	0.11087031	NM_119409	ref|Arabidopsis thaliana protein TIFY 8 (TIFY8) mRNA, complete cds [NM_119409]
AT4G32870	5.09	0.00003202	0.00003202	0.00018134	0.01380471	NM_119440	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT4G32870) mRNA, complete cds [NM_119440]
AT4G32980	-2.84	0.00386367	0.00386367	0.00004666	0.01060302	NM_119452	ref|Arabidopsis thaliana homeobox protein ATH1 (ATH1) mRNA, complete cds [NM_119452]
AT4G33000	-2.86	0.00041898	0.00041898	0.00005595	0.0116055	NM_001125	ref|Arabidopsis thaliana calcineurin B-like protein 10 (CBL10) mRNA, complete cds [NM_001125633]
AT4G33010	-2.08	0.0260335	0.00099138	0.00195312	0.09077081	NM_001125	ref|Arabidopsis thaliana glycine dehydrogenase [decarboxylating] 2 (GLDP1) mRNA, complete cds [NM_001125634]
AT4G33050	18.21	0.00000292	0.00000292	0.00000044	0.00022989	NM_119459	ref|Arabidopsis thaliana calmodulin-binding protein (EDA39) mRNA, complete cds [NM_119459]
AT4G33300	2.76	0.00049257	0.00023479	0.00199027	0.06603081	NM_119484	ref|Arabidopsis thaliana putative disease resistance protein ADR1-like 1 (ADR1-L1) mRNA, complete cds [NM_119484]
AT4G33467	-2.25	0.04114294	0.00040651	0.00085803	0.05697504	NM_001085	ref|Arabidopsis thaliana uncharacterized protein (AT4G33467) mRNA, complete cds [NM_001085016]
AT4G33540	2.03	0.00241157	0.00506757	0.00795489	0.16523656	NM_119509	ref|Arabidopsis thaliana metallo-beta-lactamase family protein (AT4G33540) mRNA, complete cds [NM_119509]
AT4G33580	-2.05	0.0011717	0.01710305	0.00261411	0.10507556	NM_001036	ref|Arabidopsis thaliana beta carbonic anhydrase 5 (BCA5) mRNA, complete cds [NM_001036707]
AT4G33625	-2.07	0.00974534	0.018419	0.00240845	0.10159515	NM_179156	ref|Arabidopsis thaliana uncharacterized protein (AT4G33625) mRNA, complete cds [NM_179156]
AT4G33660	-2.38	0.00123952	0.0038045	0.00042017	0.03710938	NM_119522	ref|Arabidopsis thaliana uncharacterized protein (AT4G33660) mRNA, complete cds [NM_119522]
AT4G33920	4.97	0.0000404	0.00100635	0.00019858	0.01479407	NM_119551	ref|Arabidopsis thaliana putative protein phosphatase 2C 63 (AT4G33920) mRNA, complete cds [NM_119551]
AT4G33960	-2.29	0.00104944	0.02837443	0.00081446	0.0553003	NM_119557	ref|Arabidopsis thaliana uncharacterized protein (AT4G33960) mRNA, complete cds [NM_119557]
AT4G34131	7.59	0.0001816	0.00000628	0.00004467	0.00535809	NM_119574	ref|Arabidopsis thaliana UDP-glucosyl transferase 73B3 (UGT73B3) mRNA, complete cds [NM_119574]
AT4G34135	3.67	0.00007039	0.00048701	0.00058978	0.02983221	NM_179161	ref|Arabidopsis thaliana UDP-glucosyltransferase 73B2 (UGT73B2) mRNA, complete cds [NM_179161]
AT4G34150	4.37	0.00002705	0.00231958	0.00030871	0.01952448	NM_119578	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT4G34150) mRNA, complete cds [NM_119578]
AT4G34160	-2.31	0.0038253	0.00109384	0.00079301	0.05441578	NM_119579	ref|Arabidopsis thaliana cyclin-D3-1 (CYCD3;1) mRNA, complete cds [NM_119579]
AT4G34180	2.47	0.00629038	0.00595416	0.00345577	0.09340705	NM_119581	ref|Arabidopsis thaliana cyclase family protein (AT4G34180) mRNA, complete cds [NM_119581]
AT4G34200	2.59	0.0098036	0.00074879	0.00304113	0.08627353	NM_119583	ref|Arabidopsis thaliana D-3-phosphoglycerate dehydrogenase (EDA9) mRNA, complete cds [NM_119583]
AT4G34220	-3.08	0.00014749	0.00009796	0.00001946	0.00682171	NM_119586	ref|Arabidopsis thaliana receptor protein kinase-like protein (AT4G34220) mRNA, complete cds [NM_119586]
AT4G34230	3.95	0.00029065	0.00080397	0.00046683	0.02599754	NM_119587	ref|Arabidopsis thaliana cinnamyl alcohol dehydrogenase 5 (CAD5) mRNA, complete cds [NM_119587]
AT4G34260	-2.53	0.0015065	0.00131048	0.0002521	0.02835821	NM_119590	ref|Arabidopsis thaliana alpha-L-fucosidase 2 (FUC95A) mRNA, complete cds [NM_119590]
AT4G34390	3.09	0.00106085	0.0003012	0.00131844	0.04972477	NM_119604	ref|Arabidopsis thaliana extra-large GTP-binding protein 2 (XLG2) mRNA, complete cds [NM_119604]
AT4G34410	2.65	0.00043132	0.00025475	0.00232088	0.07278086	NM_119606	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF109 (RRTF1) mRNA, complete cds [NM_119606]
AT4G34530	-2.12	0.0126122	0.01698645	0.00146506	0.07721445	NM_119618	ref|Arabidopsis thaliana transcription factor bHLH63 (CIB1) mRNA, complete cds [NM_119618]
AT4G34760	-4.27	0.00014968	0.00003215	0.00000044	0.00066667	NM_119642	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein 9 (AT4G34760) mRNA, complete cds [NM_119642]
AT4G34790	-2.79	0.0003584	0.00079899	0.00007143	0.01345833	NM_119645	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G34790) mRNA, complete cds [NM_119645]
AT4G34830	-2.01	0.03640312	0.00809441	0.00245378	0.10198529	NM_119649	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (MRL1) mRNA, complete cds [NM_119649]
AT4G35060	-2.78	0.00179421	0.00179421	0.00009421	0.01537906	NM_119672	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT4G35060) mRNA, complete cds [NM_119672]
AT4G35090	-2.23	0.02515827	0.00133724	0.00122667	0.07021519	NM_119675	ref|Arabidopsis thaliana catalase 2 (CAT2) mRNA, complete cds [NM_119675]
AT4G35100	-2.25	0.00299828	0.00040651	0.00071605	0.05231018	NM_001203	ref|Arabidopsis thaliana aquaporin PIP2-7 (PIP3) mRNA, complete cds [NM_001203991]
AT4G35110	3.75	0.0000607	0.00005246	0.00053494	0.02809524	NM_001125	ref|Arabidopsis thaliana phospholipase-like (PEARLI 4) family protein (AT4G35110) mRNA, complete cds [NM_001125647]
AT4G35170	2.03	0.00097683	0.00506757	0.00737992	0.15756374	NM_119683	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT4G35170) mRNA, complete cds [NM_119683]
AT4G35180	25.3	0.000001	0.000001	0	0	NM_119684	ref|Arabidopsis thaliana LYS/HIS transporter 7 (LHT7) mRNA, complete cds [NM_119684]
AT4G35310	2.49	0.00374879	0.00481557	0.00300619	0.08603797	NM_119697	ref|Arabidopsis thaliana calmodulin-domain protein kinase 5 (CPK5) mRNA, complete cds [NM_119697]
AT4G35320	-2.26	0.00027204	0.00039303	0.00089076	0.0581241	NM_119698	ref|Arabidopsis thaliana uncharacterized protein (AT4G35320) mRNA, complete cds [NM_119698]
AT4G35470	-2.19	0.00163053	0.00155131	0.00125851	0.07104869	NM_119712	ref|Arabidopsis thaliana plant intracellular ras group-related LRR 4 (PIRL4) mRNA, complete cds [NM_119712]
AT4G35480	2.14	0.03745273	0.00180611	0.00862826	0.17410531	NM_119713	ref|Arabidopsis thaliana RING-H2 finger protein ATL45 (RHA3B) mRNA, complete cds [NM_119713]
AT4G35600	2.46	0.00023479	0.00369727	0.00293277	0.08474121	NM_001203	ref|Arabidopsis thaliana putative serine/threonine-protein kinase Cx32 (CONNEXIN 32) mRNA, complete cds [NM_001203999]
AT4G35630	4.8	0.00006574	0.00000986	0.00021561	0.01550079	NM_119728	ref|Arabidopsis thaliana phosphoserine aminotransferase (PSAT) mRNA, complete cds [NM_119728]
AT4G35950	-2.31	0.00288369	0.00109384	0.00062384	0.04781356	NM_119762	ref|Arabidopsis thaliana Rac-like GTP-binding protein ARAC6 (RAC6) mRNA, complete cds [NM_119762]
AT4G36030	2.03	0.00535024	0.00506757	0.00839054	0.17129571	NM_119770	ref|Arabidopsis thaliana armadillo repeat-containing protein (ARO3) mRNA, complete cds [NM_119770]
AT4G36090	3.51	0.00063817	0.00012876	0.0007751	0.03540404	NM_001036	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT4G36090) mRNA, complete cds [NM_001036716]
AT4G36110	3.39	0.00003344	0.0001816	0.00079987	0.0360259	NM_119778	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G36110) mRNA, complete cds [NM_119778]
AT4G36150	2.07	0.0024724	0.00233174	0.00711765	0.15370583	NM_119782	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G36150) mRNA, complete cds [NM_119782]
AT4G36220	2.08	0.00201654	0.00903855	0.00658602	0.14534895	NM_119790	ref|Arabidopsis thaliana ferulic acid 5-hydroxylase 1 (FAH1) mRNA, complete cds [NM_119790]
AT4G36360	-2.01	0.00181759	0.00809441	0.00342481	0.123896	NM_119799	ref|Arabidopsis thaliana beta-galactosidase 3 (BGAL3) mRNA, complete cds [NM_119799]
AT4G36430	2.08	0.03495787	0.00903855	0.00927864	0.18218845	NM_119806	ref|Arabidopsis thaliana peroxidase 49 (AT4G36430) mRNA, complete cds [NM_119806]
AT4G36500	5.4	0.00003072	0.000015	0.00014463	0.01191257	NM_119813	ref|Arabidopsis thaliana uncharacterized protein (AT4G36500) mRNA, complete cds [NM_119813]
AT4G36640	2.3	0.00168673	0.00194551	0.00432994	0.10950783	NM_001085	ref|Arabidopsis thaliana sec14p-like phosphatidylinositol transfer protein (AT4G36640) mRNA, complete cds [NM_001085032]
AT4G36670	5.67	0.0000603	0.0000603	0.00012959	0.01111954	NM_119831	ref|Arabidopsis thaliana putative polyol transporter 6 (AT4G36670) mRNA, complete cds [NM_119831]
AT4G36988	9.56	0.00000648	0.00000648	0.00001636	0.00276119	NM_119862	ref|Arabidopsis thaliana heat stress transcription factor B-1 (HSF4) mRNA, complete cds [NM_119862]
AT4G36990	13.75	0.00001499	0.00001499	0.00000287	0.00081761	NM_119862	ref|Arabidopsis thaliana heat stress transcription factor B-1 (HSF4) mRNA, complete cds [NM_119862]
AT4G37010	4.51	0.00005388	0.00005388	0.00026272	0.01757396	NM_119864	ref|Arabidopsis thaliana calcium-binding protein CML19 (CEN2) mRNA, complete cds [NM_119864]
AT4G37080	-2.22	0.01058676	0.04328289	0.00080739	0.05506787	NM_001204	ref|Arabidopsis thaliana uncharacterized protein (AT4G37080) mRNA, complete cds [NM_001204014]
AT4G37220	-3.99	0.00016757	0.00016757	0.00000088	0.00088889	NM_119885	ref|Arabidopsis thaliana cold acclimation protein WCOR413 (AT4G37220) mRNA, complete cds [NM_119885]
AT4G37240	-2.92	0.00082635	0.00082635	0.00002941	0.00858065	NM_119887	ref|Arabidopsis thaliana uncharacterized protein (AT4G37240) mRNA, complete cds [NM_119887]
AT4G37290	13.17	0.00000261	0.00000261	0.00000376	0.001	NM_119892	ref|Arabidopsis thaliana uncharacterized protein (AT4G37290) mRNA, complete cds [NM_119892]
AT4G37300	-2.78	0.00009771	0.00179421	0.00007806	0.01423387	NM_119894	ref|Arabidopsis thaliana protein maternal effect embryo arrest 59 (MEE59) mRNA, complete cds [NM_119894]
AT4G37370	12.84	0.00000451	0.00000451	0.0000042	0.00109195	NM_119900	ref|Arabidopsis thaliana cytochrome P450, family 81, subfamily D, polypeptide 8 (CYP81D8) mRNA, complete cds [NM_119900]
AT4G37520	2.88	0.00028642	0.00009796	0.0016119	0.05646011	NM_001204	ref|Arabidopsis thaliana peroxidase 50 (AT4G37520) mRNA, complete cds [NM_001204015]
AT4G37530	3.74	0.00011335	0.00001651	0.00055064	0.02862069	NM_001085	ref|Arabidopsis thaliana peroxidase 51 (AT4G37530) mRNA, complete cds [NM_001085039]
AT4G37550	-2.78	0.00403614	0.00179421	0.00008846	0.01498127	NM_001036	ref|Arabidopsis thaliana formamidase (AT4G37550) mRNA, complete cds [NM_001036724]
AT4G37610	2.87	0.02324983	0.00024478	0.00243631	0.07489463	NM_119924	ref|Arabidopsis thaliana BTB and TAZ domain protein 5 (BT5) mRNA, complete cds [NM_119924]
AT4G37640	3.39	0.00072674	0.0001816	0.0008755	0.03821429	NM_119927	ref|Arabidopsis thaliana Ca2+-transporting ATPase (ACA2) mRNA, complete cds [NM_119927]
AT4G37800	-3.23	0.00181821	0.00016344	0.00001106	0.0049505	NM_119942	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH7) mRNA, complete cds [NM_119942]
AT4G37900	3.51	0.00014418	0.00012876	0.00071473	0.03380753	NM_119951	ref|Arabidopsis thaliana uncharacterized protein (AT4G37900) mRNA, complete cds [NM_119951]
AT4G37925	-2.53	0.01213982	0.00131048	0.00021451	0.02572944	NM_001036	ref|Arabidopsis thaliana NAD(P)H-quinone oxidoreductase subunit M (NDH-M) mRNA, complete cds [NM_001036727]
AT4G37980	-2.95	0.00082412	0.00267453	0.00003671	0.00976471	NM_001036	ref|Arabidopsis thaliana cinnamyl alcohol dehydrogenase 7 (ELI3-1) mRNA, complete cds [NM_001036728]
AT4G38260	2.53	0.00051993	0.00084979	0.00280053	0.08202073	NM_119988	ref|Arabidopsis thaliana uncharacterized protein (AT4G38260) mRNA, complete cds [NM_119988]
AT4G38400	-2.5	0.00051914	0.00573981	0.00027311	0.0296875	NM_120002	ref|Arabidopsis thaliana expansin-like A2 (EXLA2) mRNA, complete cds [NM_120002]
AT4G38540	9.95	0.00000741	0.00000741	0.00001327	0.00234375	NM_120015	ref|Arabidopsis thaliana FAD/NAD(P)-binding oxidoreductase family protein (AT4G38540) mRNA, complete cds [NM_120015]
AT4G38550	5.67	0.0000841	0.0000603	0.00012959	0.01109848	NM_120016	ref|Arabidopsis thaliana phospholipase like protein (PEARLI 4) (AT4G38550) mRNA, complete cds [NM_120016]
AT4G38560	12.1	0.00038953	0.00038953	0.00000464	0.00117318	NM_001085	ref|Arabidopsis thaliana phospholipase like protein (PEARLI 4) (AT4G38560) mRNA, complete cds [NM_001085043]
AT4G38570	-2	0.00510185	0.0180232	0.00294029	0.11210793	NM_001204	ref|Arabidopsis thaliana putative CDP-diacylglycerol--inositol 3-phosphatidyltransferase 2 (PIS2) mRNA, complete cds [NM_001204026]
AT4G38660	-2	0.00864275	0.0180232	0.0031276	0.11669142	NM_120027	ref|Arabidopsis thaliana pathogenesis-related thaumatin-like protein (AT4G38660) mRNA, complete cds [NM_120027]
AT4G38670	-2.07	0.00239442	0.018419	0.00259509	0.10487042	NM_001125	ref|Arabidopsis thaliana pathogenesis-related thaumatin-like protein (AT4G38670) mRNA, complete cds [NM_001125668]
AT4G38690	-2.83	0.00709123	0.00056359	0.00006524	0.01266094	NM_120030	ref|Arabidopsis thaliana 1-phosphatidylinositol phosphodiesterase-related protein (AT4G38690) mRNA, complete cds [NM_120030]
AT4G38700	-2.29	0.00935294	0.02837443	0.00058204	0.04553633	NM_120031	ref|Arabidopsis thaliana disease resistance-responsive, dirigent domain-containing protein (AT4G38700) mRNA, complete cds [NM_120031]
AT4G38770	-2.24	0.00072109	0.00194145	0.00103715	0.06363636	NM_120037	ref|Arabidopsis thaliana proline-rich protein 4 (PRP4) mRNA, complete cds [NM_120037]
AT4G38840	-3.35	0.00008452	0.00113149	0.00000796	0.00395604	NM_120044	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G38840) mRNA, complete cds [NM_120044]
AT4G38850	-2.14	0.00285308	0.02737822	0.00144383	0.07654162	NM_120045	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (SAUR15) mRNA, complete cds [NM_120045]
AT4G38860	-2.57	0.000235	0.00133048	0.00018377	0.0233427	NM_120046	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G38860) mRNA, complete cds [NM_120046]
AT4G39030	7.22	0.00002312	0.00000797	0.0000502	0.00576142	NM_120063	ref|Arabidopsis thaliana enhanced disease susceptibility 5 (EDS5) mRNA, complete cds [NM_120063]
AT4G39070	2.67	0.0014384	0.00014262	0.00229677	0.07242678	NM_120067	ref|Arabidopsis thaliana B-box type zinc finger-containing protein (AT4G39070) mRNA, complete cds [NM_120067]
AT4G39090	-2.07	0.01229973	0.018419	0.00236024	0.10059378	NM_120069	ref|Arabidopsis thaliana cysteine proteinase RD19a (RD19) mRNA, complete cds [NM_120069]
AT4G39230	2.43	0.00462774	0.01497154	0.00352322	0.09460808	NM_120083	ref|Arabidopsis thaliana NmrA-like negative transcriptional regulator family protein (AT4G39230) mRNA, complete cds [NM_120083]

AT4G39270	3.27	0.00007657	0.00009265	0.00093211	0.04006654	NM_202984	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT4G39270) mRNA, complete cds [NM_202984]
AT4G39460	-2.14	0.00383086	0.02737822	0.00166807	0.08353267	NM_120106	ref|Arabidopsis thaliana S-adenosylmethionine carrier 1 (SAMC1) mRNA, complete cds [NM_120106]
AT4G39580	5.34	0.0000057	0.00001666	0.00015414	0.01235816	NM_120118	ref|Arabidopsis thaliana F-box/kelch-repeat protein (AT4G39580) mRNA, complete cds [NM_120118]
AT4G39610	2.39	0.00106861	0.00112202	0.00361875	0.09654277	NM_120121	ref|Arabidopsis thaliana uncharacterized protein (AT4G39610) mRNA, complete cds [NM_120121]
AT4G39670	33.19	0.00000246	0.00000246	0	0	NM_120127	ref|Arabidopsis thaliana glycolipid transfer protein (AT4G39670) mRNA, complete cds [NM_120127]
AT4G39710	-2.53	0.00311818	0.00131048	0.00023994	0.02760814	NM_001204(	ref|Arabidopsis thaliana putative FKBP-type peptidyl-prolyl cis-trans isomerase 4 (FKBP16-2) mRNA, complete cds [NM_001204042]
AT4G39780	2.19	0.00558024	0.00053923	0.00570279	0.13197544	NM_120141	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF060 (AT4G39780) mRNA, complete cds [NM_120141]
AT4G39830	15.83	0.000001	0.000001	0.00000088	0.0003252	NM_120146	ref|Arabidopsis thaliana putative L-ascorbate oxidase (AT4G39830) mRNA, complete cds [NM_120146]
AT4G39890	4.85	0.00005486	0.00005486	0.0002176	0.01554502	NM_120152	ref|Arabidopsis thaliana Ras-related protein RABH1C (RABH1c) mRNA, complete cds [NM_120152]
AT4G39940	5.23	0.00016141	0.00016141	0.00016718	0.01301205	NM_120157	ref|Arabidopsis thaliana Adenylyl-sulfate kinase 2 (AKN2) mRNA, complete cds [NM_120157]
AT4G39950	21.4	0.00000219	0.00000219	0.00000022	0.00014925	NM_120158	ref|Arabidopsis thaliana tryptophan N-hydroxylase 1 (CYP79B2) mRNA, complete cds [NM_120158]
AT4G39955	2.26	0.00034152	0.00229575	0.00439142	0.1105064	NM_120159	ref|Arabidopsis thaliana hydrolase, alpha/beta fold family protein (AT4G39955) mRNA, complete cds [NM_120159]
AT4G39980	3.18	0.00110262	0.00003478	0.0010816	0.04442325	NM_120162	ref|Arabidopsis thaliana phospho-2-dehydro-3-deoxyheptonate aldolase 1 (DHS1) mRNA, complete cds [NM_120162]
AT4G40020	2.38	0.00030236	0.00435732	0.00351504	0.09455681	NM_120166	ref|Arabidopsis thaliana Myosin heavy chain-related protein (AT4G40020) mRNA, complete cds [NM_120166]
AT5G01015	-3.84	0.0002306	0.0002306	0.00000155	0.00112903	NM_120178	ref|Arabidopsis thaliana uncharacterized protein (AT5G01015) mRNA, complete cds [NM_120178]
AT5G01075	-2.43	0.00120606	0.00474273	0.00031866	0.03209354	NM_120185	ref|Arabidopsis thaliana Glycosyl hydrolase family 35 protein (AT5G01075) mRNA, complete cds [NM_120185]
AT5G01100	7.42	0.00000236	0.00005037	0.00004909	0.00570694	NM_120188	ref|Arabidopsis thaliana O-fucosyltransferase family protein (AT5G01100) mRNA, complete cds [NM_120188]
AT5G01240	-2.53	0.00117973	0.00131048	0.00023994	0.02767857	NM_120202	ref|Arabidopsis thaliana auxin transporter-like protein 1 (LAX1) mRNA, complete cds [NM_120202]
AT5G01380	2.03	0.0050421	0.00506757	0.00810725	0.16732542	NM_120216	ref|Arabidopsis thaliana transcription factor (AT5G01380) mRNA, complete cds [NM_120216]
AT5G01500	4.71	0.00009816	0.00009816	0.00022579	0.01597809	NM_120228	ref|Arabidopsis thaliana thylakoid ADP,ATP carrier protein (TAAC) mRNA, complete cds [NM_120228]
AT5G01520	-2.93	0.00119362	0.00017831	0.00004578	0.01056122	NM_202992	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT5G01520) mRNA, complete cds [NM_202992]
AT5G01540	15.99	0.00000172	0.00000172	0.00000088	0.00033333	NM_120232	ref|Arabidopsis thaliana Lectin-domain containing receptor kinase A4,1 (LECRKA4,1) mRNA, complete cds [NM_120232]
AT5G01550	8.1	0.00000234	0.00000637	0.00003251	0.00429825	NM_120233	ref|Arabidopsis thaliana Lectin-domain containing receptor kinase A4,2 (LECRKA4,2) mRNA, complete cds [NM_120233]
AT5G01560	3.69	0.00006159	0.0003584	0.00057629	0.02934685	NM_120234	ref|Arabidopsis thaliana Lectin-domain containing receptor kinase A4,3 (LECRKA4,3) mRNA, complete cds [NM_120234]
AT5G01610	2.02	0.00253664	0.00347273	0.0074927	0.15914514	NM_120239	ref|Arabidopsis thaliana uncharacterized protein (AT5G01610) mRNA, complete cds [NM_120239]
AT5G01732	3.89	0.00001996	0.00001996	0.00046019	0.02572311	AK230062	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL22-67-I17 [AK230062]
AT5G01740	-2.38	0.00737016	0.0038045	0.00039695	0.0361167	NM_120252	ref|Arabidopsis thaliana Nuclear transport factor 2 (NTF2) family protein (AT5G01740) mRNA, complete cds [NM_120252]
AT5G01790	-2.3	0.00831907	0.00719695	0.00071318	0.05218447	NM_120257	ref|Arabidopsis thaliana uncharacterized protein (AT5G01790) mRNA, complete cds [NM_120257]
AT5G01830	2.04	0.01387518	0.00928674	0.00891375	0.17733392	NM_120261	ref|Arabidopsis thaliana U-box domain-containing protein 16 (AT5G01830) mRNA, complete cds [NM_120261]
AT5G01850	3.82	0.00037063	0.00015573	0.00052012	0.02773585	NM_120263	ref|Arabidopsis thaliana protein kinase family protein (AT5G01850) mRNA, complete cds [NM_120263]
AT5G01880	-2.27	0.0017708	0.00180101	0.00082264	0.05560538	NM_120266	ref|Arabidopsis thaliana RING-H2 finger protein ATL74 (AT5G01880) mRNA, complete cds [NM_120266]
AT5G01900	3.91	0.0002803	0.00002368	0.00047789	0.02625759	NM_120268	ref|Arabidopsis thaliana putative WRKY transcription factor 62 (WRKY62) mRNA, complete cds [NM_120268]
AT5G02020	2.04	0.04276079	0.00928674	0.01014175	0.19407956	NM_180421	ref|Arabidopsis thaliana uncharacterized protein (AT5G02020) mRNA, complete cds [NM_180421]
AT5G02100	2.74	0.00320716	0.0001347	0.00216873	0.06935644	NM_120288	ref|Arabidopsis thaliana Oxysterol-binding family protein (UNE18) mRNA, complete cds [NM_120288]
AT5G02120	-2.32	0.01896618	0.00078528	0.00063246	0.04839255	NM_120290	ref|Arabidopsis thaliana one helix protein (OHP) mRNA, complete cds [NM_120290]
AT5G02160	-2.92	0.00081892	0.00082635	0.00003759	0.00977011	NM_120294	ref|Arabidopsis thaliana uncharacterized protein (AT5G02160) mRNA, complete cds [NM_120294]
AT5G02190	-2.31	0.0297999	0.00109384	0.00051261	0.04184116	NM_120297	ref|Arabidopsis thaliana aspartyl protease family protein (PCS1) mRNA, complete cds [NM_120297]
AT5G02230	-2.23	0.01466143	0.00133724	0.00127466	0.07142503	NM_120301	ref|Arabidopsis thaliana haloacid dehalogenase-like hydrolase domain-containing protein (AT5G02230) mRNA, complete cds [NM_120301]
AT5G02290	3.06	0.00032443	0.00007852	0.00122866	0.04765009	NM_120307	ref|Arabidopsis thaliana putative serine/threonine-protein kinase NAK (NAK) mRNA, complete cds [NM_120307]
AT5G02490	5.66	0.00008983	0.00008983	0.00012981	0.01107547	NM_120327	ref|Arabidopsis thaliana heat shock protein 70 (AT5G02490) mRNA, complete cds [NM_120327]
AT5G02650	-2	0.00355523	0.0180232	0.00389628	0.13267319	TC387622	Unknown
AT5G02670	-2.05	0.00157902	0.01710305	0.00246329	0.10200549	NM_120345	ref|Arabidopsis thaliana uncharacterized protein (AT5G02670) mRNA, complete cds [NM_120345]
AT5G02760	-5.07	0.00000944	0.00000944	0	0	NM_120354	ref|Arabidopsis thaliana putative protein phosphatase 2C 67 (AT5G02760) mRNA, complete cds [NM_120354]
AT5G02780	15.74	0.00001504	0.00001504	0.00000133	0.00046154	NM_120356	ref|Arabidopsis thaliana glutathione transferase lambda 1 (GSTL1) mRNA, complete cds [NM_120356]
AT5G02840	-2.06	0.00091945	0.00300431	0.00235648	0.1005283	NM_180425	ref|Arabidopsis thaliana protein LHY/CCA1-like 1 (LCL1) mRNA, complete cds [NM_180425]
AT5G02890	-2.47	0.00207099	0.01066583	0.00031844	0.03214286	NM_120367	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G02890) mRNA, complete cds [NM_120367]
AT5G03120	-4.65	0.00024984	0.00369217	0.00000022	0.00047619	NM_120390	ref|Arabidopsis thaliana uncharacterized protein (AT5G03120) mRNA, complete cds [NM_120390]
AT5G03210	3.72	0.00087785	0.00052814	0.00058625	0.02975309	NM_120399	ref|Arabidopsis thaliana uncharacterized protein (AT5G03210) mRNA, complete cds [NM_120399]
AT5G03350	9.19	0.00004909	0.00000821	0.00001681	0.00275362	NM_120414	ref|Arabidopsis thaliana lectin-like protein (AT5G03350) mRNA, complete cds [NM_120414]
AT5G03490	2.03	0.01178849	0.00506757	0.00867713	0.17454626	NM_120429	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT5G03490) mRNA, complete cds [NM_120429]
AT5G03552	-2.07	0.00721115	0.018419	0.00242901	0.10189239	BX833772	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTSIL76ZB11 of Silique of strain col-0 of Arabidopsis thaliana (thale c
AT5G03610	2.58	0.00601081	0.00016115	0.00295002	0.08491407	NM_120442	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G03610) mRNA, complete cds [NM_120442]
AT5G03630	4.22	0.00013285	0.00013285	0.00034918	0.02142469	NM_120444	ref|Arabidopsis thaliana monodehydroascorbate reductase (NADH) (ATMDAR2) mRNA, complete cds [NM_120444]
AT5G03760	-2.96	0.00209212	0.00057347	0.00004047	0.01033898	NM_120457	ref|Arabidopsis thaliana glucomannan 4-beta-mannosyltransferase 9 (ATCSLA09) mRNA, complete cds [NM_120457]
AT5G03940	-2.65	0.02570522	0.02570522	0.00017249	0.02228571	NM_120476	ref|Arabidopsis thaliana signal recognition particle subunit (CPSRP54) mRNA, complete cds [NM_120476]
AT5G04340	10.48	0.00003786	0.00003786	0.00001172	0.00224576	NM_120516	ref|Arabidopsis thaliana putative c2h2 zinc finger transcription factor (ZAT6) mRNA, complete cds [NM_120516]
AT5G04530	-2.08	0.01772075	0.00099138	0.00160548	0.08184893	NM_120535	ref|Arabidopsis thaliana 3-ketoacyl-CoA synthase 21 (KCS19) mRNA, complete cds [NM_120535]
AT5G04590	2.01	0.00733212	0.00354347	0.00882242	0.17621466	NM_120541	ref|Arabidopsis thaliana sulfite reductase (SIR) mRNA, complete cds [NM_120541]
AT5G04720	3.11	0.00009991	0.0003762	0.00112893	0.04549911	NM_120554	ref|Arabidopsis thaliana ADR1-like 2 protein (ADR1-L2) mRNA, complete cds [NM_120554]
AT5G04820	-2.05	0.00389966	0.01710305	0.00230341	0.09929457	NM_120564	ref|Arabidopsis thaliana ovate family protein 13 (OFP13) mRNA, complete cds [NM_120564]
AT5G04870	2.16	0.01967417	0.00709441	0.00634985	0.14172754	NM_120569	ref|Arabidopsis thaliana calcium dependent protein kinase 1 (CPK1) mRNA, complete cds [NM_120569]
AT5G04930	3.66	0.00036331	0.00036331	0.00061499	0.03062775	NM_120575	ref|Arabidopsis thaliana phospholipid-transporting ATPase 1 (ALA1) mRNA, complete cds [NM_120575]
AT5G05080	-2.09	0.00741792	0.00264018	0.0017291	0.08480477	NM_120590	ref|Arabidopsis thaliana ubiquitin-conjugating enzyme E2 22 (UBC22) mRNA, complete cds [NM_120590]
AT5G05190	4.05	0.00005628	0.00006007	0.00040801	0.02396104	NM_120601	ref|Arabidopsis thaliana uncharacterized protein (AT5G05190) mRNA, complete cds [NM_120601]
AT5G05300	28.75	0.000001	0.000001	0	0	NM_120612	ref|Arabidopsis thaliana uncharacterized protein (AT5G05300) mRNA, complete cds [NM_120612]
AT5G05340	3.11	0.0003802	0.0003762	0.00119018	0.0468	NM_120616	ref|Arabidopsis thaliana peroxidase 52 (AT5G05340) mRNA, complete cds [NM_120616]
AT5G05460	3.45	0.00010186	0.00719755	0.00076227	0.03535385	NM_120628	ref|Arabidopsis thaliana mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase (AT5G05460) mRNA, complete cds [NM_120628]
AT5G05590	2.05	0.02722659	0.02369108	0.00970765	0.18856529	NM_001123	ref|Arabidopsis thaliana phosphoribosylanthranilate isomerase (PAI1) mRNA, complete cds [NM_001123771]
AT5G05600	3.94	0.00014321	0.00065522	0.00045179	0.02550562	NM_120642	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT5G05600) mRNA, complete cds [NM_120642]
AT5G05730	5.74	0.00001678	0.00001678	0.00012273	0.01067308	NM_001203	ref|Arabidopsis thaliana anthranilate synthase component I-1 (ASA1) mRNA, complete cds [NM_001203302]
AT5G05890	-3.7	0.00008916	0.00015385	0.00000133	0.00111111	NM_120671	ref|Arabidopsis thaliana UDP-glucoronosyl/UDP-glucosyl transferase family protein (AT5G05890) mRNA, complete cds [NM_120671]
AT5G06270	-2.27	0.00056817	0.00180101	0.00075608	0.05317263	NM_120710	ref|Arabidopsis thaliana uncharacterized protein (AT5G06270) mRNA, complete cds [NM_120710]
AT5G06320	4.76	0.00008692	0.00008306	0.00023441	0.01635802	NM_120715	ref|Arabidopsis thaliana NDR1/HIN1-Like protein 3 (NHL3) mRNA, complete cds [NM_120715]
AT5G06570	6.67	0.00001534	0.00001534	0.00007209	0.00745995	NM_120740	ref|Arabidopsis thaliana alpha/beta hydrolase fold-containing protein (AT5G06570) mRNA, complete cds [NM_120740]
AT5G06730	3.92	0.00004329	0.00008486	0.00045422	0.02554726	NM_120756	ref|Arabidopsis thaliana peroxidase 54 (AT5G06730) mRNA, complete cds [NM_120756]
AT5G06740	3.22	0.00058429	0.00008368	0.001023	0.04259669	NM_120757	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT5G06740) mRNA, complete cds [NM_120757]
AT5G06750	2.91	0.00054449	0.00036907	0.00159288	0.05596737	NM_001125	ref|Arabidopsis thaliana putative protein phosphatase 2C 68 (AT5G06750) mRNA, complete cds [NM_001125709]
AT5G06860	6.8	0.0002306	0.0002306	0.00006568	0.00708831	NM_120769	ref|Arabidopsis thaliana Polygalacturonase inhibitor 1 (PGIP1) mRNA, complete cds [NM_120769]
AT5G06980	-2.07	0.00086721	0.018419	0.00205042	0.09309237	NM_001203	ref|Arabidopsis thaliana uncharacterized protein (AT5G06980) mRNA, complete cds [NM_001203316]
AT5G07100	2.24	0.00054817	0.00079276	0.00477554	0.11710954	NM_203017	ref|Arabidopsis thaliana WRKY DNA-binding protein 26 (WRKY26) mRNA, complete cds [NM_203017]
AT5G07150	2.7	0.00031592	0.00118503	0.00216873	0.06930742	NM_120797	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT5G07150) mRNA, complete cds [NM_120797]
AT5G07322	2.44	0.00560599	0.00034152	0.00366608	0.09740306	TC391786	tc|Rep: EMD protein - Bos taurus (Bovine), partial (7%) [TC391786]
AT5G07360	2.04	0.00114759	0.00928674	0.00711964	0.15367542	NM_120818	ref|Arabidopsis thaliana Amidase family protein (AT5G07360) mRNA, complete cds [NM_120818]
AT5G07460	2.37	0.03575636	0.00027379	0.0053996	0.12757053	NM_120828	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase A2 (PMSR2) mRNA, complete cds [NM_120828]
AT5G07690	-2.06	0.02083967	0.00300431	0.00263268	0.1054473	NM_120851	ref|Arabidopsis thaliana myb domain protein 29 (MYB29) mRNA, complete cds [NM_120851]
AT5G08240	13.8	0.00000115	0.00000115	0.00000332	0.00092025	NM_120907	ref|Arabidopsis thaliana uncharacterized protein (AT5G08240) mRNA, complete cds [NM_120907]
AT5G08300	2.53	0.00055699	0.00084979	0.00285869	0.08323889	NM_120913	ref|Arabidopsis thaliana Succinyl-CoA ligase [GDP-forming] subunit alpha-1 (AT5G08300) mRNA, complete cds [NM_120913]
AT5G08760	4.04	0.00127079	0.00015154	0.00046174	0.02577778	NM_001085(	ref|Arabidopsis thaliana uncharacterized protein (AT5G08760) mRNA, complete cds [NM_001085080]
AT5G08790	12.23	0.00000663	0.00000663	0.00000509	0.00123656	NM_147856	ref|Arabidopsis thaliana protein ATAF2 (ATAF2) mRNA, complete cds [NM_147856]
AT5G09290	4.03	0.00041745	0.00005128	0.00042371	0.02446999	NM_120965	ref|Arabidopsis thaliana putative SAL4 phosphatase (AT5G09290) mRNA, complete cds [NM_120965]
AT5G09420	2.61	0.01961025	0.00045182	0.00317006	0.08859703	NM_120979	ref|Arabidopsis thaliana translocon at the outer membrane of chloroplasts 64-V (TOC64-V) mRNA, complete cds [NM_120979]
AT5G09470	2.27	0.00063866	0.01618787	0.0045418	0.1132194	NM_120984	ref|Arabidopsis thaliana dicarboxylate carrier 3 (DIC3) mRNA, complete cds [NM_120984]
AT5G09800	5.29	0.00004635	0.00026158	0.00015524	0.01231579	NM_121017	ref|Arabidopsis thaliana U-box domain-containing protein 28 (AT5G09800) mRNA, complete cds [NM_121017]
AT5G10150	-2.71	0.00020231	0.00094897	0.00008978	0.01498155	NM_121053	ref|Arabidopsis thaliana uncharacterized protein (AT5G10150) mRNA, complete cds [NM_121053]
AT5G10250	-3.82	0.00014159	0.00014159	0.00000111	0.00102041	NM_121063	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (DOT3) mRNA, complete cds [NM_121063]
AT5G10300	2.29	0.00267553	0.00067661	0.00464927	0.11513691	NM_121068	ref|Arabidopsis thaliana methyl esterase 5 (MES5) mRNA, complete cds [NM_121068]
AT5G10380	2.94	0.00029	0.00012716	0.00147192	0.053248	NM_121076	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase RING1 (RING1) mRNA, complete cds [NM_121076]
AT5G10430	-2.18	0.00092438	0.00094829	0.00136378	0.0741226	NM_121081	ref|Arabidopsis thaliana arabinogalactan protein 4 (AGP4) mRNA, complete cds [NM_121081]
AT5G10520	2.69	0.00213479	0.00054334	0.00235228	0.07330806	NM_121090	ref|Arabidopsis thaliana ROP binding protein kinase 1 (RBK1) mRNA, complete cds [NM_121090]
AT5G10570	-2.16	0.00091616	0.01295968	0.0016161	0.0822973	NM_121095	ref|Arabidopsis thaliana transcription factor bHLH61 (AT5G10570) mRNA, complete cds [NM_121095]
AT5G10620	-2.41	0.00121198	0.00109162	0.00034918	0.03359574	NM_121100	ref|Arabidopsis thaliana putative RNA methyltransferase (AT5G10620) mRNA, complete cds [NM_121100]
AT5G10625	2.52	0.00133223	0.00033851	0.00282795	0.08266322	NM_203034	ref|Arabidopsis thaliana uncharacterized protein (AT5G10625) mRNA, complete cds [NM_203034]
AT5G10695	4.89	0.00001051	0.00004424	0.00019792	0.01476898	NM_121107	ref|Arabidopsis thaliana uncharacterized protein (AT5G10695) mRNA, complete cds [NM_121107]
AT5G10740	2.41	0.00225079	0.00072694	0.0033598	0.09196731	NM_121112	ref|Arabidopsis thaliana putative protein phosphatase 2C 69 (AT5G10740) mRNA, complete cds [NM_121112]
AT5G10760	6.79	0.0000108	0.0000108	0.00006568	0.00705463	NM_121114	ref|Arabidopsis thaliana aspartyl protease family protein (AT5G10760) mRNA, complete cds [NM_121114]
AT5G11140	2.43	0.00019011	0.01497154	0.00323706	0.08974862	NM_121152	ref|Arabidopsis thaliana phospholipase-like (PEARLI 4) family protein (AT5G11140) mRNA, complete cds [NM_121152]
AT5G11210	3.13	0.00003873	0.00025062	0.00108425	0.04449183	NM_121159	ref|Arabidopsis thaliana glutamate receptor 2,5 (GLR2,5) mRNA, complete cds [NM_121159]
AT5G11250	2.05	0.00453634	0.02369108	0.00717227	0.15429591	NM_121163	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G11250) mRNA, complete cds [NM_121163]
AT5G11420	-2.68	0.00067417	0.00642269	0.00011389	0.01782007	NM_121180	ref|Arabidopsis thaliana uncharacterized protein (AT5G11420) mRNA, complete cds [NM_121180]
AT5G11430	-2.22	0.02048094	0.04328289	0.00104202	0.06376184	NM_121181	ref|Arabidopsis thaliana SPOC domain / Transcription elongation factor S-II protein (AT5G11430) mRNA, complete cds [NM_121181]
AT5G11550	-2.26	0.00062294	0.00039303	0.00086975	0.0571657	NM_121193	ref|Arabidopsis thaliana ARM repeat-containing protein-like protein (AT5G11550) mRNA, complete cds [NM_121193]
AT5G11670	3.83	0.00090817	0.00090817	0.00052499	0.02779859	NM_121205	ref|Arabidopsis thaliana malate dehydrogenase (oxaloacetate-decarboxylating)(NADP+) (NADP-ME2) mRNA, complete cds [NM_121205]
AT5G11920	4.44	0.00003933	0.00013693	0.00029368	0.01883688	NM_121230	ref|Arabidopsis thaliana beta-fructofuranosidase, insoluble isoenzyme CWINV6 (cwINV6) mRNA, complete cds [NM_121230]
AT5G11970	2.11	0.00039266	0.01879448	0.00608337	0.13782064	NM_121235	ref|Arabidopsis thaliana uncharacterized protein (AT5G11970) mRNA, complete cds [NM_121235]
AT5G12030	2.05	0.00197896	0.02369108	0.00702079	0.15197702	NM_121241	ref|Arabidopsis thaliana heat shock protein 17,6A (HSP17,6A) mRNA, complete cds [NM_121241]
AT5G12050	-4.8	0.00012878	0.00012878	0	0	NM_121243	ref|Arabidopsis thaliana uncharacterized protein (AT5G12050) mRNA, complete cds [NM_121243]
AT5G12250	-2.32	0.0058555	0.00078528	0.00057607	0.04530435	NM_121263	ref|Arabidopsis thaliana tubulin beta-6 chain (TUB6) mRNA, complete cds [NM_121263]
AT5G12340	5.32	0.00002326	0.00000415	0.00015436	0.01228873	NM_121272	ref|Arabidopsis thaliana uncharacterized protein (AT5G12340) mRNA, complete cds [NM_121272]
AT5G12420	5.59	0.00000728	0.00000728	0.0001318	0.01116105	NM_121280	ref|Arabidopsis thaliana O-acyltransferase (WSD1-like) family protein (AT5G12420) mRNA, complete cds [NM_121280]

AT5G12890	2.13	0.00357225	0.01304415	0.00613799	0.13871064	NM_121292	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT5G12890) mRNA, complete cds [NM_121292]
AT5G12930	6.69	0.00014133	0.00014133	0.00006789	0.00715618	NM_121296	ref|Arabidopsis thaliana uncharacterized protein (AT5G12930) mRNA, complete cds [NM_121296]
AT5G12950	-2.41	0.00361864	0.00109162	0.00044361	0.03828244	NM_121298	ref|Arabidopsis thaliana uncharacterized protein (AT5G12950) mRNA, complete cds [NM_121298]
AT5G13080	17.35	0.00000124	0.00000124	0.00000088	0.00039604	NM_121311	ref|Arabidopsis thaliana putative WRKY transcription factor 75 (WRKY75) mRNA, complete cds [NM_121311]
AT5G13190	3.32	0.00007854	0.00043442	0.00087705	0.03824494	NM_121322	ref|Arabidopsis thaliana uncharacterized protein (AT5G13190) mRNA, complete cds [NM_121322]
AT5G13200	5.24	0.00000652	0.00012922	0.00016188	0.01275261	NM_121323	ref|Arabidopsis thaliana GEM-like protein 5 (AT5G13200) mRNA, complete cds [NM_121323]
AT5G13210	2.54	0.00025992	0.0004648	0.00270102	0.08003932	NM_121324	ref|Arabidopsis thaliana uncharacterized protein (AT5G13210) mRNA, complete cds [NM_121324]
AT5G13220	2.06	0.01271713	0.00370388	0.00832928	0.17073889	NM_203046	ref|Arabidopsis thaliana protein TIFY 9 (JAZ10) mRNA, complete cds [NM_203046]
AT5G13320	16.97	0.00000111	0.00000111	0.00000066	0.00030303	NM_121335	ref|Arabidopsis thaliana auxin-responsive GH3 family protein (PBS3) mRNA, complete cds [NM_121335]
AT5G13330	3.52	0.00054927	0.00002668	0.00073419	0.03440415	NM_121336	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF113 (Rap2,6L) mRNA, complete cds [NM_121336]
AT5G13400	-2.6	0.03972682	0.01260257	0.00024215	0.02772152	NM_121343	ref|Arabidopsis thaliana putative peptide/nitrate transporter (AT5G13400) mRNA, complete cds [NM_121343]
AT5G13490	3.66	0.00036109	0.00036331	0.00062915	0.03112691	NM_121352	ref|Arabidopsis thaliana ADP,ATP carrier protein 2 (AAC2) mRNA, complete cds [NM_121352]
AT5G13550	2.6	0.00012692	0.00117458	0.00245113	0.07514576	NM_121358	ref|Arabidopsis thaliana sulfate transporter 4,1 (SULTR4;1) mRNA, complete cds [NM_121358]
AT5G13750	2.21	0.00304736	0.00350233	0.00492636	0.11957595	NM_001036	ref|Arabidopsis thaliana zinc induced facilitator-like 1 protein (ZIFL1) mRNA, complete cds [NM_001036800]
AT5G13770	-2.24	0.00075025	0.00194145	0.00099867	0.06211829	NM_121380	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT5G13770) mRNA, complete cds [NM_121380]
AT5G13840	-2.03	0.00734279	0.01635287	0.00287218	0.11091375	NM_121387	ref|Arabidopsis thaliana protein FIZZY-related 3 (FZR3) mRNA, complete cds [NM_121387]
AT5G13860	2.2	0.00119362	0.00111929	0.00517559	0.1237652	NM_121389	ref|Arabidopsis thaliana protein ELC-like protein (ELC-Like) mRNA, complete cds [NM_121389]
AT5G14260	-2.29	0.00558024	0.02837443	0.00070831	0.05199675	NM_203049	ref|Arabidopsis thaliana Rubisco methyltransferase family protein (AT5G14260) mRNA, complete cds [NM_203049]
AT5G14330	2.2	0.00156329	0.00111929	0.00503737	0.12135855	NM_121437	ref|Arabidopsis thaliana uncharacterized protein (AT5G14330) mRNA, complete cds [NM_121437]
AT5G14410	-2.84	0.00034493	0.00386367	0.00005949	0.01185022	NM_121445	ref|Arabidopsis thaliana uncharacterized protein (AT5G14410) mRNA, complete cds [NM_121445]
AT5G14450	-2.24	0.00740109	0.00194145	0.00113357	0.06718218	NM_121449	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G14450) mRNA, complete cds [NM_121449]
AT5G14730	2.58	0.00030236	0.00016115	0.00248585	0.0759527	NM_121477	ref|Arabidopsis thaliana uncharacterized protein (AT5G14730) mRNA, complete cds [NM_121477]
AT5G14760	2.29	0.00804372	0.00067661	0.00527974	0.1254598	NM_121480	ref|Arabidopsis thaliana L-aspartate oxidase (AO) mRNA, complete cds [NM_121480]
AT5G14930	3.26	0.00005638	0.00029315	0.00095732	0.04072437	NM_001085	ref|Arabidopsis thaliana senescence-associated protein 101 (SAG101) mRNA, complete cds [NM_001085116]
AT5G14970	-2.22	0.01365041	0.04328289	0.00114264	0.06727865	NM_121501	ref|Arabidopsis thaliana uncharacterized protein (AT5G14970) mRNA, complete cds [NM_121501]
AT5G15170	-2.13	0.00231767	0.00142272	0.001931	0.09058091	NM_121521	ref|Arabidopsis thaliana tyrosyl-DNA phosphodiesterase 1 (TDP1) mRNA, complete cds [NM_121521]
AT5G15230	-2.12	0.00098723	0.01698645	0.00176935	0.08502657	NM_121527	ref|Arabidopsis thaliana gibberellin-regulated protein 4 (GASA4) mRNA, complete cds [NM_121527]
AT5G15310	-2.24	0.00110191	0.00194145	0.00080517	0.055	NM_121535	ref|Arabidopsis thaliana myb domain protein 16 (MYB16) mRNA, complete cds [NM_121535]
AT5G15350	-2.1	0.04585172	0.0080778	0.00248187	0.10239964	NM_121539	ref|Arabidopsis thaliana Lamin-like protein (ENODL17) mRNA, complete cds [NM_121539]
AT5G15410	-2.6	0.00717341	0.01260257	0.00014042	0.01984375	NM_203054	ref|Arabidopsis thaliana cyclic nucleotide-gated ion channel 2 (DND1) mRNA, complete cds [NM_203054]
AT5G15530	-2.42	0.00177837	0.00016499	0.00036157	0.0340625	NM_121557	ref|Arabidopsis thaliana biotin carboxyl carrier protein of acetyl-CoA carboxylase 2 (BCCP2) mRNA, complete cds [NM_121557]
AT5G15550	2.22	0.01138141	0.00087028	0.00549314	0.12870466	NM_203055	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT5G15550) mRNA, complete cds [NM_203055]
AT5G15600	-2.46	0.00042018	0.00366616	0.00032862	0.03265934	NM_121564	ref|Arabidopsis thaliana protein SPIRAL1-like4 (SP1L4) mRNA, complete cds [NM_121564]
AT5G15780	-2.86	0.00012732	0.00041898	0.00004246	0.01021277	NM_121583	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT5G15780) mRNA, complete cds [NM_121583]
AT5G15860	2.46	0.01037875	0.00369727	0.00364905	0.09712184	NM_203057	ref|Arabidopsis thaliana prenylcysteine methylesterase (PCME) mRNA, complete cds [NM_203057]
AT5G15870	3.68	0.0000222	0.00008151	0.00057298	0.02944318	NM_121592	ref|Arabidopsis thaliana glycosyl hydrolase family 81 protein (AT5G15870) mRNA, complete cds [NM_121592]
AT5G15960	-2.5	0.00146195	0.00573981	0.00025232	0.02824257	NM_121601	ref|Arabidopsis thaliana stress-induced protein KIN1 (KIN1) mRNA, complete cds [NM_121601]
AT5G15970	-2.69	0.0087919	0.00087415	0.00015657	0.02113433	NM_121602	ref|Arabidopsis thaliana stress-induced protein KIN2 (KIN2) mRNA, complete cds [NM_121602]
AT5G16000	-2.23	0.00299307	0.00133724	0.00078616	0.05419207	NM_121605	ref|Arabidopsis thaliana NSP-interacting kinase 1 (NIK1) mRNA, complete cds [NM_121605]
AT5G16030	-2.74	0.00135998	0.00148776	0.00009089	0.015	NM_001036	ref|Arabidopsis thaliana uncharacterized protein (AT5G16030) mRNA, complete cds [NM_001036812]
AT5G16080	3.59	0.0000261	0.00124331	0.00063335	0.03116431	NM_121613	ref|Arabidopsis thaliana carboxyesterase 17 (CXE17) mRNA, complete cds [NM_121613]
AT5G16170	6.2	0.00001395	0.00001395	0.00009177	0.00860996	NM_121622	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT5G16170) mRNA, complete cds [NM_12
AT5G16230	2.17	0.01559881	0.00319914	0.00660792	0.14568991	NM_121628	ref|Arabidopsis thaliana acyl-[acyl-carrier-protein] desaturase (AT5G16230) mRNA, complete cds [NM_121628]
AT5G16400	-2.36	0.00551102	0.01953672	0.00059774	0.04660345	NM_121645	ref|Arabidopsis thaliana thioredoxin F2 (TRXF2) mRNA, complete cds [NM_121645]
AT5G16540	-2.28	0.00043186	0.00104319	0.00079854	0.05462935	NM_121660	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 57 (ZFN3) mRNA, complete cds [NM_121660]
AT5G16720	-2.06	0.00346122	0.00300431	0.00206634	0.09334665	NM_121678	ref|Arabidopsis thaliana uncharacterized protein (AT5G16720) mRNA, complete cds [NM_121678]
AT5G16730	-2.32	0.00871113	0.00078528	0.00044936	0.03848485	NM_121679	ref|Arabidopsis thaliana uncharacterized protein (AT5G16730) mRNA, complete cds [NM_121679]
AT5G16800	2.13	0.0103702	0.01304415	0.00646992	0.14376904	NM_121686	ref|Arabidopsis thaliana GCN5-related N-acetyltransferase (GNAT) family protein (AT5G16800) mRNA, complete cds [NM_121686]
AT5G17220	3.5	0.00117458	0.00079614	0.00076183	0.03536961	NM_121728	ref|Arabidopsis thaliana glutathione S-transferase phi 12 (GSTF12) mRNA, complete cds [NM_121728]
AT5G17230	-2.14	0.03320501	0.02737822	0.00178925	0.08543823	NM_001036	ref|Arabidopsis thaliana phytoene synthase (PSY) mRNA, complete cds [NM_001036818]
AT5G17350	3.59	0.00423583	0.00124331	0.00082176	0.03661084	NM_121741	ref|Arabidopsis thaliana uncharacterized protein (AT5G17350) mRNA, complete cds [NM_121741]
AT5G17380	3.44	0.00012674	0.00097159	0.000772	0.03536981	NM_121744	ref|Arabidopsis thaliana 2-hydroxyacyl-CoA lyase (AT5G17380) mRNA, complete cds [NM_121744]
AT5G17670	-2.29	0.00021386	0.02837443	0.00073441	0.05279809	NM_121773	ref|Arabidopsis thaliana hydrolase-like protein (AT5G17670) mRNA, complete cds [NM_121773]
AT5G17760	3.3	0.00007415	0.00013104	0.00090093	0.03898565	NM_121782	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT5G17760) mRNA, complete cds [NM_121782]
AT5G17860	4.64	0.00001107	0.00003417	0.00023706	0.01644172	NM_121792	ref|Arabidopsis thaliana calcium exchanger 7 (CAX7) mRNA, complete cds [NM_121792]
AT5G17990	6.42	0.0000052	0.0000052	0.00007851	0.00770065	NM_121804	ref|Arabidopsis thaliana anthranilate phosphoribosyltransferase (TRP1) mRNA, complete cds [NM_121804]
AT5G18010	-2.67	0.00961007	0.00748979	0.00013069	0.01888179	NM_121806	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18010) mRNA, complete cds [NM_121806]
AT5G18020	-5.15	0.00001949	0.00001949	0	0	NM_121807	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18020) mRNA, complete cds [NM_121807]
AT5G18030	-6.9	0.00063532	0.00063532	0	0	NM_121808	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18030) mRNA, complete cds [NM_121808]
AT5G18050	-3.12	0.00065522	0.00065522	0.00001614	0.00598361	NM_121810	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18050) mRNA, complete cds [NM_121810]
AT5G18060	-2.9	0.00634407	0.00082501	0.00006922	0.01320675	NM_121811	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18060) mRNA, complete cds [NM_121811]
AT5G18080	-3.39	0.00032443	0.00032443	0.0000073	0.00375	NM_121813	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18080) mRNA, complete cds [NM_121813]
AT5G18150	3.58	0.00013983	0.00011471	0.00065546	0.03170053	NM_121820	ref|Arabidopsis thaliana Methyltransferase-related protein (AT5G18150) mRNA, complete cds [NM_121820]
AT5G18310	3.9	0.00033792	0.00460459	0.00050686	0.02718861	NM_180512	ref|Arabidopsis thaliana uncharacterized protein (AT5G18310) mRNA, complete cds [NM_180512]
AT5G18400	2.75	0.00407014	0.0002847	0.00210327	0.0680329	NM_001085	ref|Arabidopsis thaliana Cytokine-induced anti-apoptosis inhibitor 1, Fe-S biogenesis (AT5G18400) mRNA, complete cds [NM_001085133]
AT5G18470	29.48	0.0000012	0.0000012	0	0	NM_121852	ref|Arabidopsis thaliana curculin-like (mannose-binding) lectin family protein (AT5G18470) mRNA, complete cds [NM_121852]
AT5G18480	2.26	0.00514658	0.00229575	0.0047123	0.1163155	NM_121853	ref|Arabidopsis thaliana plant glycogenin-like starch initiation protein 6 (PGSIP6) mRNA, complete cds [NM_121853]
AT5G18490	3.06	0.00281746	0.00007852	0.00142194	0.05210697	NM_121854	ref|Arabidopsis thaliana uncharacterized protein (AT5G18490) mRNA, complete cds [NM_121854]
AT5G18780	2.02	0.01690919	0.00347273	0.00908934	0.17964161	NM_121883	ref|Arabidopsis thaliana F-box domain-containing protein (AT5G18780) mRNA, complete cds [NM_121883]
AT5G18850	-2.26	0.00236567	0.00039303	0.00099027	0.06185083	NM_121890	ref|Arabidopsis thaliana uncharacterized protein (AT5G18850) mRNA, complete cds [NM_121890]
AT5G19190	-2.41	0.0003584	0.00109162	0.00035692	0.03390756	NM_121924	ref|Arabidopsis thaliana uncharacterized protein (AT5G19190) mRNA, complete cds [NM_121924]
AT5G19230	7.57	0.00000674	0.00000674	0.00004489	0.0053562	NM_121928	ref|Arabidopsis thaliana GPI-anchored glycoprotein membrane precursor (AT5G19230) mRNA, complete cds [NM_121928]
AT5G19240	9.3	0.00009816	0.00009816	0.00001747	0.00284173	NM_121929	ref|Arabidopsis thaliana GPI-anchored glycoprotein membrane precursor (AT5G19240) mRNA, complete cds [NM_121929]
AT5G19780	-2.03	0.00525584	0.01635287	0.00311035	0.11633581	NM_121983	ref|Arabidopsis thaliana tubulin alpha-3/alpha-5 chain (TUA5) mRNA, complete cds [NM_121983]
AT5G19800	2.72	0.00016499	0.0052735	0.00202941	0.06683904	NM_121985	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT5G19800) mRNA, complete cds [NM_121985]
AT5G19880	6.78	0.00024837	0.00024837	0.00006479	0.00700957	NM_121995	ref|Arabidopsis thaliana peroxidase 58 (AT5G19880) mRNA, complete cds [NM_121995]
AT5G19930	2.2	0.0015876	0.00111929	0.00504865	0.1215008	NM_001203	ref|Arabidopsis thaliana uncharacterized protein (AT5G19930) mRNA, complete cds [NM_001203414]
AT5G19980	2.07	0.00866043	0.00233174	0.00746218	0.15887006	NM_122005	ref|Arabidopsis thaliana golgi nucleotide sugar transporter 4 (GONST4) mRNA, complete cds [NM_122005]
AT5G20150	2.25	0.01041447	0.00448106	0.00483304	0.11819903	NM_122022	ref|Arabidopsis thaliana SPX domain-containing protein 1 (SPX1) mRNA, complete cds [NM_122022]
AT5G20230	14.21	0.0000106	0.0000106	0.00000287	0.00083871	NM_122030	ref|Arabidopsis thaliana blue copper protein (BCB) mRNA, complete cds [NM_122030]
AT5G20270	-2.84	0.00049754	0.00386367	0.00006236	0.01226087	NM_122034	ref|Arabidopsis thaliana heptahelical transmembrane protein1 (HHP1) mRNA, complete cds [NM_122034]
AT5G20400	4.27	0.00012263	0.00024691	0.00033304	0.02077241	NM_122047	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT5G20400) mRNA, complete cds [NM_122047]
AT5G20410	-2.05	0.02039645	0.01710305	0.00245577	0.10197429	NM_122048	ref|Arabidopsis thaliana Monogalactosyldiacylglycerol synthase 2 (MGD2) mRNA, complete cds [NM_122048]
AT5G20480	2.6	0.00515215	0.00117458	0.0026946	0.07990164	NM_122055	ref|Arabidopsis thaliana LRR receptor-like serine/threonine-protein kinase EFR (EFR) mRNA, complete cds [NM_122055]
AT5G20960	5.01	0.00010742	0.0006197	0.00018731	0.01416388	NM_122105	ref|Arabidopsis thaliana aldehyde oxidase 1 (AO1) mRNA, complete cds [NM_122105]
AT5G21090	2.49	0.00135867	0.00481557	0.00311875	0.08759627	NM_122117	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT5G21090) mRNA, complete cds [NM_122117]
AT5G21170	-2.22	0.00104832	0.04328289	0.00118178	0.06860077	NM_001036	ref|Arabidopsis thaliana SNF1-related protein kinase regulatory subunit beta-1 (AKINBETA1) mRNA, complete cds [NM_001036841]
AT5G21430	-2.09	0.0008092	0.00264018	0.0019582	0.09072746	NM_180531	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT5G21430) mRNA, complete cds [NM_180531]
AT5G21900	2.01	0.03139107	0.00354347	0.00974237	0.18915844	NM_147873	ref|Arabidopsis thaliana RNI-like family protein-like protein (AT5G21900) mRNA, complete cds [NM_147873]
AT5G21930	-2.12	0.00078998	0.01698645	0.00177952	0.08506342	NM_001203	ref|Arabidopsis thaliana P-type ATPase (PAA2) mRNA, complete cds [NM_001203428]
AT5G21940	2.02	0.00074881	0.00347273	0.0076663	0.16146716	NM_147877	ref|Arabidopsis thaliana uncharacterized protein (AT5G21940) mRNA, complete cds [NM_147877]
AT5G22250	6.5	0.00005246	0.00004852	0.00007651	0.00763797	NM_122130	ref|Arabidopsis thaliana putative CCR4-associated factor 1-11 (AT5G22250) mRNA, complete cds [NM_122130]
AT5G22270	2.22	0.00023674	0.00087028	0.00474259	0.11668118	NM_122132	ref|Arabidopsis thaliana uncharacterized protein (AT5G22270) mRNA, complete cds [NM_122132]
AT5G22300	7.66	0.00011614	0.00011614	0.00004157	0.00515068	NM_122135	ref|Arabidopsis thaliana bifunctional nitrilase/nitrile hydratase NIT4 (NIT4) mRNA, complete cds [NM_122135]
AT5G22380	8.24	0.00000216	0.00000249	0.00003052	0.00413174	NM_122143	ref|Arabidopsis thaliana NAC domain-containing protein 90 (NAC090) mRNA, complete cds [NM_122143]
AT5G22520	23.74	0.00000453	0.00000453	0	0	NM_122157	ref|Arabidopsis thaliana uncharacterized protein (AT5G22520) mRNA, complete cds [NM_122157]
AT5G22530	8.7	0.00004359	0.00004359	0.0000241	0.00352751	NM_122158	ref|Arabidopsis thaliana uncharacterized protein (AT5G22530) mRNA, complete cds [NM_122158]
AT5G22540	7.07	0.00000674	0.00000674	0.00005949	0.00657702	NM_122159	ref|Arabidopsis thaliana uncharacterized protein (AT5G22540) mRNA, complete cds [NM_122159]
AT5G22545	2.41	0.00041547	0.00072694	0.00339009	0.0924608	NM_147904	ref|Arabidopsis thaliana uncharacterized protein (AT5G22545) mRNA, complete cds [NM_147904]
AT5G22570	13.84	0.00000156	0.00000156	0.0000031	0.0008642	NM_122163	ref|Arabidopsis thaliana putative WRKY transcription factor 38 (WRKY38) mRNA, complete cds [NM_122163]
AT5G22620	-2.03	0.0068641	0.01635287	0.00314927	0.11730643	NM_001203	ref|Arabidopsis thaliana phosphoglycerate/bisphosphoglycerate mutase family protein (AT5G22620) mRNA, complete cds [NM_001203437]
AT5G23120	-2.54	0.00457446	0.00051024	0.00017072	0.02224784	NM_122218	ref|Arabidopsis thaliana photosystem II stability/assembly factor HCF136 (HCF136) mRNA, complete cds [NM_122218]
AT5G23510	2.56	0.00018528	0.00112942	0.00257497	0.07757495	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT5G23510) mRNA, complete cds [NM_001125794]
AT5G23750	-3.47	0.00016722	0.00016722	0.0000042	0.00240506	NM_122280	ref|Arabidopsis thaliana Remorin family protein (AT5G23750) mRNA, complete cds [NM_122280]
AT5G23850	3.34	0.0006237	0.0003033	0.00089518	0.03884837	NM_122290	ref|Arabidopsis thaliana uncharacterized protein (AT5G23850) mRNA, complete cds [NM_122290]
AT5G23870	-2.1	0.00113143	0.0080778	0.00194449	0.09074303	NM_122292	ref|Arabidopsis thaliana Pectinacetylesterase family protein (AT5G23870) mRNA, complete cds [NM_122292]
AT5G23920	-2.07	0.00107674	0.018419	0.00244361	0.10222017	NM_122297	ref|Arabidopsis thaliana uncharacterized protein (AT5G23920) mRNA, complete cds [NM_122297]
AT5G24090	8.15	0.00000249	0.00000249	0.00003406	0.00443804	NM_122314	ref|Arabidopsis thaliana acidic endochitinase (CHIA) mRNA, complete cds [NM_122314]
AT5G24105	-4.4	0.00014749	0.00014749	0.00000044	0.00071429	NM_203099	ref|Arabidopsis thaliana arabinogalactan protein 41 (AGP41) mRNA, complete cds [NM_203099]
AT5G24110	19.42	0.00000387	0.00000387	0.00000022	0.000125	NM_122316	ref|Arabidopsis thaliana WRKY DNA-binding protein 30 (WRKY30) mRNA, complete cds [NM_122316]
AT5G24150	-2.9	0.04088822	0.00082501	0.00004666	0.01055	NM_122320	ref|Arabidopsis thaliana Squalene monooxygenase 1,1 (SQP1) mRNA, complete cds [NM_122320]
AT5G24155	-2.86	0.00756123	0.00041898	0.00004732	0.01054187	NM_147909	ref|Arabidopsis thaliana FAD/NAD(P)-binding oxidoreductase family protein (AT5G24155) mRNA, complete cds [NM_147909]
AT5G24200	5.45	0.00006839	0.00008052	0.00014352	0.01184307	NM_122326	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT5G24200) mRNA, complete cds [NM_122326]
AT5G24210	7.27	0.00019094	0.00046918	0.00005197	0.00590452	NM_122327	ref|Arabidopsis thaliana lipase class 3 family protein (AT5G24210) mRNA, complete cds [NM_122327]
AT5G24240	2.83	0.00021718	0.00033764	0.00172114	0.05918631	NM_122330	ref|Arabidopsis thaliana phosphatidylinositol 3- and 4-kinase family protein / ubiquitin family protein (AT5G24240) mRNA, complete cds [NM_12
AT5G24300	-2.37	0.00166022	0.00043028	0.0005314	0.04283422	NM_001203	ref|Arabidopsis thaliana soluble starch synthase (SSI1) mRNA, complete cds [NM_001203449]
AT5G24314	-2.07	0.00152578	0.018419	0.0024142	0.10155349	NM_001203	ref|Arabidopsis thaliana plastid transcriptionally active7 (PTAC7) mRNA, complete cds [NM_001203450]
AT5G24420	-2.38	0.00060246	0.0038045	0.00044073	0.03825336	NM_122350	ref|Arabidopsis thaliana 6-phosphogluconolactonase 5 (PGL5) mRNA, complete cds [NM_122350]
AT5G24530	6.38	0.00002523	0.0000376	0.00007851	0.0077342	NM_122361	ref|Arabidopsis thaliana downy mildew resistance 6 protein / oxidoreductase (DMR6) mRNA, complete cds [NM_122361]

AT5G24760	2.1	0.00282151	0.0221732	0.00644449	0.14355665	NM_001085	ref|Arabidopsis thaliana alcohol dehydrogenase-like 6 (AT5G24760) mRNA, complete cds [NM_001085150]
AT5G24810	3.07	0.00021234	0.00006998	0.00122335	0.04756664	NM_001203	ref|Arabidopsis thaliana ABC1 family protein (AT5G24810) mRNA, complete cds [NM_001203459]
AT5G24910	3.08	0.00285514	0.0079607	0.00130363	0.04924812	NM_122400	ref|Arabidopsis thaliana cytochrome P450, family 714, subfamily A, polypeptide 1 (CYP714A1) mRNA, complete cds [NM_122400]
AT5G24980	2.1	0.0036262	0.0221732	0.00623397	0.13997021	NM_122407	ref|Arabidopsis thaliana uncharacterized protein (AT5G24980) mRNA, complete cds [NM_122407]
AT5G25240	-2.1	0.00133048	0.0080778	0.00171981	0.08480916	NM_122433	ref|Arabidopsis thaliana uncharacterized protein (AT5G25240) mRNA, complete cds [NM_122433]
AT5G25250	35.48	0.00000139	0.00000139	0	0	NM_122434	ref|Arabidopsis thaliana Flotillin-like protein 1 (AT5G25250) mRNA, complete cds [NM_122434]
AT5G25260	14.02	0.000001	0.000001	0.00000287	0.00082803	NM_122435	ref|Arabidopsis thaliana Flotillin-like protein 2 (AT5G25260) mRNA, complete cds [NM_122435]
AT5G25280	-2.07	0.01555434	0.018419	0.00224613	0.09785164	NM_180741	ref|Arabidopsis thaliana serine-rich protein-like protein (AT5G25280) mRNA, complete cds [NM_180741]
AT5G25440	6.08	0.00156579	0.00156579	0.00010062	0.00917339	NM_122454	ref|Arabidopsis thaliana protein kinase family protein (AT5G25440) mRNA, complete cds [NM_122454]
AT5G25450	2.22	0.00560273	0.00087028	0.00570632	0.13198977	NM_122455	ref|Arabidopsis thaliana ubiquinol-cytochrome c reductase subunit 7 (AT5G25450) mRNA, complete cds [NM_122455]
AT5G25460	-2.3	0.00468963	0.00719695	0.00084034	0.0562963	NM_122456	ref|Arabidopsis thaliana uncharacterized protein (AT5G25460) mRNA, complete cds [NM_122456]
AT5G25820	2.35	0.00043288	0.00055182	0.00373751	0.09866316	NM_122483	ref|Arabidopsis thaliana Exostosin family protein (AT5G25820) mRNA, complete cds [NM_122483]
AT5G25910	3.43	0.00005594	0.00002368	0.000772	0.03540568	NM_122492	ref|Arabidopsis thaliana receptor like protein 52 (RLP52) mRNA, complete cds [NM_122492]
AT5G25930	12.48	0.00000409	0.00000409	0.00000464	0.00115385	NM_122494	ref|Arabidopsis thaliana Protein kinase family protein with leucine-rich repeat domain (AT5G25930) mRNA, complete cds [NM_122494]
AT5G25940	2.34	0.00134382	0.00079276	0.00392702	0.10199885	NM_122495	ref|Arabidopsis thaliana early nodulin-related protein (AT5G25940) mRNA, complete cds [NM_122495]
AT5G26030	4.66	0.0000159	0.00002528	0.00023419	0.01639319	NM_001036	ref|Arabidopsis thaliana ferrochelatase 1 (FC1) mRNA, complete cds [NM_001036864]
AT5G26170	8.56	0.00004993	0.00004993	0.00002676	0.00376947	NM_122518	ref|Arabidopsis thaliana putative WRKY transcription factor 50 (WRKY50) mRNA, complete cds [NM_122518]
AT5G26340	6.98	0.00001996	0.00055299	0.00006081	0.00662651	NM_122535	ref|Arabidopsis thaliana sugar transport protein 13 (MSS1) mRNA, complete cds [NM_122535]
AT5G26600	2.17	0.00158923	0.00319914	0.00578793	0.13319593	NM_180555	ref|Arabidopsis thaliana transaminase (AT5G26600) mRNA, complete cds [NM_180555]
AT5G26690	13.55	0.00000246	0.00000246	0.00000332	0.00089286	NM_180545	ref|Arabidopsis thaliana heavy-metal-associated domain-containing protein (AT5G26690) mRNA, complete cds [NM_180545]
AT5G26700	3.41	0.00003157	0.00004195	0.00077753	0.03540785	NM_180544	ref|Arabidopsis thaliana putative germin-like protein subfamily 2 member 5 (AT5G26700) mRNA, complete cds [NM_180544]
AT5G26920	12.16	0.00000249	0.00000249	0.00000531	0.00126316	NM_122574	ref|Arabidopsis thaliana Cam-binding protein 60-like G (CBP60G) mRNA, complete cds [NM_122574]
AT5G27290	-2.15	0.00070846	0.0022173	0.00146816	0.07728754	NM_122611	ref|Arabidopsis thaliana putative stress regulated protein (AT5G27290) mRNA, complete cds [NM_122611]
AT5G27360	-3.01	0.00019606	0.0003558	0.00002388	0.00755245	NM_122618	ref|Arabidopsis thaliana sugar transporter ERD6-like 18 (SFP2) mRNA, complete cds [NM_122618]
AT5G27380	2.1	0.01356644	0.0221732	0.00763976	0.1611334	NM_122620	ref|Arabidopsis thaliana glutathione synthetase (GSH2) mRNA, complete cds [NM_122620]
AT5G27390	-2.01	0.00807041	0.00809441	0.0034257	0.12382894	NM_122621	ref|Arabidopsis thaliana Mog1/PsbP/DUF1795-like photosystem II reaction center PsbP family protein (AT5G27390) mRNA, complete cds [NM_1
AT5G27420	17.51	0.00000156	0.00000156	0.00000066	0.00030928	NM_122624	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL31 (CNI1) mRNA, complete cds [NM_122624]
AT5G27520	2.55	0.00306374	0.00023842	0.00260858	0.07817097	NM_122634	ref|Arabidopsis thaliana peroxisomal adenine nucleotide carrier 2 (PNC2) mRNA, complete cds [NM_122634]
AT5G27600	2.96	0.0005622	0.0005622	0.00150597	0.05383399	NM_122642	ref|Arabidopsis thaliana long-chain acyl-CoA synthetase 7 (LACS7) mRNA, complete cds [NM_122642]
AT5G27730	-2.02	0.00167183	0.00341945	0.0032709	0.12015435	NM_122655	ref|Arabidopsis thaliana heparan-alpha-glucosaminide N-acetyltransferase (AT5G27730) mRNA, complete cds [NM_122655]
AT5G27760	3.9	0.00039651	0.00460459	0.00048784	0.02648259	NM_122658	ref|Arabidopsis thaliana Hypoxia-responsive family protein (AT5G27760) mRNA, complete cds [NM_122658]
AT5G27830	2.24	0.00151944	0.00079276	0.00487439	0.11895305	NM_001203	ref|Arabidopsis thaliana uncharacterized protein (AT5G27830) mRNA, complete cds [NM_001203484]
AT5G28540	2.73	0.01046411	0.00009991	0.00247744	0.07574713	NM_122737	ref|Arabidopsis thaliana Luminal-binding protein 1 (BIP1) mRNA, complete cds [NM_122737]
AT5G28630	2.37	0.0066532	0.00027379	0.00406214	0.10436932	NM_122746	ref|Arabidopsis thaliana glycine-rich protein (AT5G28630) mRNA, complete cds [NM_122746]
AT5G28913	-2.01	0.01000513	0.00809441	0.00323176	0.11920065	AK117902	gb|Arabidopsis thaliana mRNA for unknown protein, complete cds, clone: RAFL19-08-H01 [AK117902]
AT5G33290	4.51	0.00056016	0.00005388	0.00029655	0.01899433	NM_122853	ref|Arabidopsis thaliana xylogalacturonan beta-1,3-xylosyltransferase (XGD1) mRNA, complete cds [NM_122853]
AT5G34940	2.27	0.00033634	0.01618787	0.00432862	0.10953553	NM_122885	ref|Arabidopsis thaliana Heparanase-like protein 3 (GUS3) mRNA, complete cds [NM_122885]
AT5G35170	-2.1	0.00340861	0.0080778	0.00198408	0.09136456	NM_122908	ref|Arabidopsis thaliana adenylate kinase family protein (AT5G35170) mRNA, complete cds [NM_122908]
AT5G35200	2.43	0.00106192	0.01497154	0.00361079	0.09638725	NM_122911	ref|Arabidopsis thaliana putative clathrin assembly protein (AT5G35200) mRNA, complete cds [NM_122911]
AT5G35360	-2.4	0.02560647	0.00087785	0.0003379	0.03307359	NM_001036	ref|Arabidopsis thaliana biotin carboxylase (CAC2) mRNA, complete cds [NM_001036891]
AT5G35480	-2	0.02332543	0.0180232	0.00302034	0.11429289	NM_122939	ref|Arabidopsis thaliana uncharacterized protein (AT5G35480) mRNA, complete cds [NM_122939]
AT5G35490	-2.34	0.00267828	0.00017257	0.00059885	0.04660929	NM_122940	ref|Arabidopsis thaliana mto 1 responding up 1 (MRU1) mRNA, complete cds [NM_122940]
AT5G35735	4.73	0.00007445	0.00095938	0.00022645	0.016	NM_122964	ref|Arabidopsis thaliana putative auxin-responsive protein (AT5G35735) mRNA, complete cds [NM_122964]
AT5G35740	-2.42	0.00058958	0.00016499	0.00041	0.03664032	NM_122965	ref|Arabidopsis thaliana carbohydrate-binding X8 domain-containing protein (AT5G35740) mRNA, complete cds [NM_122965]
AT5G35750	-2.38	0.0094743	0.0038045	0.00046838	0.03936803	NM_122966	ref|Arabidopsis thaliana histidine kinase 2 (HK2) mRNA, complete cds [NM_122966]
AT5G35790	-2.35	0.00832264	0.01888052	0.000659	0.04974958	NM_122970	ref|Arabidopsis thaliana glucose-6-phosphate dehydrogenase 1 (G6PD1) mRNA, complete cds [NM_122970]
AT5G35970	-2.13	0.00076634	0.00142272	0.00159553	0.08171008	NM_122988	ref|Arabidopsis thaliana putative DNA-binding protein (AT5G35970) mRNA, complete cds [NM_122988]
AT5G36120	-2.67	0.0002561	0.00748979	0.00012738	0.01882353	NM_123003	ref|Arabidopsis thaliana cofactor assembly, complex C (B6F) (CCB3) mRNA, complete cds [NM_123003]
AT5G36220	3.98	0.00008126	0.00001466	0.00044914	0.02541927	NM_123013	ref|Arabidopsis thaliana cytochrome P450 81D1 (CYP81D1) mRNA, complete cds [NM_123013]
AT5G36790	-2	0.00194199	0.0180232	0.00353782	0.12577044	NM_001125	ref|Arabidopsis thaliana 2-phosphoglycolate phosphatase 1 (PGLP1) mRNA, complete cds [NM_001125844]
AT5G36880	3.06	0.00090954	0.00007852	0.0012437	0.04806838	NM_123046	ref|Arabidopsis thaliana acetyl-CoA synthetase (ACS) mRNA, complete cds [NM_123046]
AT5G36910	-4.1	0.0002419	0.0002419	0.00000066	0.00081081	NM_123049	ref|Arabidopsis thaliana thionin 2,2 (THI2,2) mRNA, complete cds [NM_123049]
AT5G36920	3.23	0.00041319	0.00005933	0.00101703	0.04246537	NM_123050	ref|Arabidopsis thaliana uncharacterized protein (AT5G36920) mRNA, complete cds [NM_123050]
AT5G36925	6.65	0.00001107	0.00001472	0.00007276	0.00751142	NM_180586	ref|Arabidopsis thaliana uncharacterized protein (AT5G36925) mRNA, complete cds [NM_180586]
AT5G36930	2.39	0.00089821	0.00112202	0.0034383	0.09321343	NM_001125	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G36930) mRNA, complete cds [NM_001125847]
AT5G36940	-2.2	0.00309974	0.00120547	0.00134609	0.07360339	NM_123052	ref|Arabidopsis thaliana cationic amino acid transporter 3 (CAT3) mRNA, complete cds [NM_123052]
AT5G36970	5.76	0.00011143	0.00011143	0.00011632	0.01021359	NM_123055	ref|Arabidopsis thaliana NDR1/HIN1-like 25 (NHL25) mRNA, complete cds [NM_123055]
AT5G37070	2.06	0.00201322	0.00370388	0.00676205	0.14800581	NM_123066	ref|Arabidopsis thaliana uncharacterized protein (AT5G37070) mRNA, complete cds [NM_123066]
AT5G37480	2.22	0.00132278	0.00087028	0.00502676	0.121232	NM_123107	ref|Arabidopsis thaliana uncharacterized protein (AT5G37480) mRNA, complete cds [NM_123107]
AT5G37490	5.4	0.00001891	0.000015	0.00014993	0.01217235	NM_123108	ref|Arabidopsis thaliana U-box domain-containing protein 21 (AT5G37490) mRNA, complete cds [NM_123108]
AT5G37600	5.89	0.00005875	0.00002151	0.00010858	0.00960861	NM_123119	ref|Arabidopsis thaliana glutamine synthetase cytosolic isozyme 1-1 (GSR 1) mRNA, complete cds [NM_123119]
AT5G37740	2.01	0.0029068	0.00354347	0.00772026	0.16215049	NM_123133	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT5G37740) mRNA, complete cds [NM_123133]
AT5G37770	2.03	0.00282347	0.00506757	0.00776426	0.16269694	NM_123136	ref|Arabidopsis thaliana calcium-binding protein CML24 (TCH2) mRNA, complete cds [NM_123136]
AT5G38210	2.58	0.0008341	0.00016115	0.00256413	0.07735157	NM_123182	ref|Arabidopsis thaliana protein kinase-like protein (AT5G38210) mRNA, complete cds [NM_123182]
AT5G38250	4.61	0.00005004	0.00012004	0.00025011	0.01705882	NM_123186	ref|Arabidopsis thaliana Protein kinase family protein (AT5G38250) mRNA, complete cds [NM_123186]
AT5G38310	2.44	0.00030328	0.00034152	0.00316652	0.08866254	NM_123192	ref|Arabidopsis thaliana uncharacterized protein (AT5G38310) mRNA, complete cds [NM_123192]
AT5G38510	-2.36	0.00193621	0.01953672	0.00060172	0.04667238	NM_123212	ref|Arabidopsis thaliana rhomboid-related intramembrane serine protease-like protein (AT5G38510) mRNA, complete cds [NM_123212]
AT5G38520	-2.13	0.00049754	0.00142272	0.00174724	0.08514009	NM_001085	ref|Arabidopsis thaliana alpha/beta-hydrolase-like protein (AT5G38520) mRNA, complete cds [NM_001085213]
AT5G38710	4.47	0.00008467	0.00024736	0.00028969	0.01871429	NM_123232	ref|Arabidopsis thaliana proline dehydrogenase 2 (AT5G38710) mRNA, complete cds [NM_123232]
AT5G38900	31.36	0.00000106	0.00000106	0	0	NM_123252	ref|Arabidopsis thaliana DSBA oxidoreductase family protein (AT5G38900) mRNA, complete cds [NM_123252]
AT5G38990	2.61	0.00322322	0.00045182	0.00239341	0.07402873	NM_123261	ref|Arabidopsis thaliana interleukin-1 receptor-associated kinase 4 (AT5G38990) mRNA, complete cds [NM_123261]
AT5G39020	3.07	0.00017394	0.00006998	0.00124259	0.04810788	NM_123264	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G39020) mRNA, complete cds [NM_123264]
AT5G39030	2.4	0.00078618	0.00397063	0.00346727	0.09366189	NM_123265	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G39030) mRNA, complete cds [NM_123265]
AT5G39050	5.15	0.00003202	0.0004647	0.00017006	0.01319039	NM_123267	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G39050) mRNA, complete cds [NM_123267]
AT5G39090	2.6	0.0008809	0.00117458	0.00255153	0.07712567	NM_123271	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G39090) mRNA, complete cds [NM_123271]
AT5G39180	2.41	0.00387933	0.00072694	0.00353605	0.09478364	NM_123280	ref|Arabidopsis thaliana germin-like protein subfamily 1 member 19 (AT5G39180) mRNA, complete cds [NM_123280]
AT5G39210	-3.07	0.00007415	0.00040433	0.0000241	0.00756944	NM_123283	ref|Arabidopsis thaliana chlororespiratory reduction 7 (CRR7) mRNA, complete cds [NM_123283]
AT5G39530	-2.66	0.0002803	0.00051585	0.0001318	0.01892063	NM_123315	ref|Arabidopsis thaliana uncharacterized protein (AT5G39530) mRNA, complete cds [NM_123315]
AT5G39580	11.14	0.00000249	0.00000249	0.00000862	0.00177273	NM_123320	ref|Arabidopsis thaliana peroxidase 62 (AT5G39580) mRNA, complete cds [NM_123320]
AT5G39670	12.04	0.00000106	0.00000106	0.00000553	0.00130208	NM_123329	ref|Arabidopsis thaliana putative calcium-binding protein CML45 (AT5G39670) mRNA, complete cds [NM_123329]
AT5G39785	3.38	0.00003212	0.00009776	0.00080783	0.03624008	NM_180776	ref|Arabidopsis thaliana uncharacterized protein (AT5G39785) mRNA, complete cds [NM_180776]
AT5G39860	-3.78	0.00033194	0.00033194	0.00000155	0.00116667	NM_123349	ref|Arabidopsis thaliana basic helix-loop-helix (bHLH) DNA-binding family protein (PRE1) mRNA, complete cds [NM_123349]
AT5G39950	2.62	0.0098036	0.00042733	0.00261389	0.0781746	NM_123358	ref|Arabidopsis thaliana thioredoxin H2 (TRX2) mRNA, complete cds [NM_123358]
AT5G40150	-2.31	0.00207441	0.00109384	0.00069881	0.0514658	NM_123378	ref|Arabidopsis thaliana peroxidase 63 (AT5G40150) mRNA, complete cds [NM_123378]
AT5G40170	2.55	0.00223422	0.00023842	0.0026046	0.07810345	NM_123381	ref|Arabidopsis thaliana receptor like protein 54 (RLP54) mRNA, complete cds [NM_123381]
AT5G40380	-2.34	0.00292416	0.00017257	0.00044582	0.038327	NM_123402	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 42 (CRK42) mRNA, complete cds [NM_123402]
AT5G40690	2.34	0.00092632	0.00079276	0.00386931	0.10131442	NM_123434	ref|Arabidopsis thaliana uncharacterized protein (AT5G40690) mRNA, complete cds [NM_123434]
AT5G40760	3.14	0.00131616	0.00214684	0.00114197	0.04565871	NM_123441	ref|Arabidopsis thaliana glucose-6-phosphate dehydrogenase 6 (G6PD6) mRNA, complete cds [NM_123441]
AT5G40780	8.94	0.00001039	0.00001039	0.00002145	0.00331058	NM_180778	ref|Arabidopsis thaliana Lysine histidine transporter 1 (LHT1) mRNA, complete cds [NM_180778]
AT5G40880	2.09	0.02616888	0.0035116	0.0075628	0.16025773	NM_123453	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 59 (AT5G40880) mRNA, complete cds [NM_123453]
AT5G40990	53.49	0.000001	0.000001	0	0	NM_123464	ref|Arabidopsis thaliana GDSL esterase/lipase 1 (GLIP1) mRNA, complete cds [NM_123464]
AT5G41050	-2	0.00067433	0.0180232	0.00337749	0.12257624	NM_123470	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT5G41050) mRNA, complete cds [NM_123470]
AT5G41080	2.07	0.01107943	0.00233174	0.00703361	0.15210904	NM_203136	ref|Arabidopsis thaliana glycerophosphoryl diester phosphodiesterase family protein (AT5G41080) mRNA, complete cds [NM_203136]
AT5G41100	3.5	0.00017063	0.00079614	0.00074834	0.0349226	NM_180781	ref|Arabidopsis thaliana uncharacterized protein (AT5G41100) mRNA, complete cds [NM_180781]
AT5G41160	2.59	0.00014974	0.00074879	0.00244339	0.07501018	NM_123481	ref|Arabidopsis thaliana putative purine permease 12 (PUP12) mRNA, complete cds [NM_123481]
AT5G41180	2.34	0.00304821	0.00079276	0.00436068	0.10997769	NM_123483	ref|Arabidopsis thaliana putative leucine-rich repeat transmembrane protein kinase (AT5G41180) mRNA, complete cds [NM_123483]
AT5G41610	2.22	0.00111038	0.00087028	0.00513467	0.12291689	NM_123525	ref|Arabidopsis thaliana cation/H(+) antiporter 18 (CHX18) mRNA, complete cds [NM_123525]
AT5G41740	12.19	0.00001016	0.00001016	0.00000531	0.00126984	NM_123539	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G41740) mRNA, complete cds [NM_123539]
AT5G41750	22.5	0.000001	0.000001	0.00000022	0.00016667	NM_123540	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G41750) mRNA, complete cds [NM_123540]
AT5G42010	5.58	0.00004317	0.00004317	0.00013578	0.01137037	NM_123566	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT5G42010) mRNA, complete cds [NM_123566]
AT5G42020	3.16	0.00005241	0.00498997	0.00107253	0.04425182	NM_180788	ref|Arabidopsis thaliana Luminal-binding protein 2 (BIP2) mRNA, complete cds [NM_180788]
AT5G42050	3.48	0.00023791	0.00036673	0.00076891	0.03544343	NM_123570	ref|Arabidopsis thaliana DCD (Development and Cell Death) domain protein (AT5G42050) mRNA, complete cds [NM_123570]
AT5G42070	-2.41	0.00273548	0.00109162	0.00040867	0.03659406	NM_123572	ref|Arabidopsis thaliana uncharacterized protein (AT5G42070) mRNA, complete cds [NM_123572]
AT5G42100	-2.18	0.00118542	0.00094829	0.00135803	0.07389892	NM_123575	ref|Arabidopsis thaliana glucan endo-1,3-beta-glucosidase 10 (BG_PPAP) mRNA, complete cds [NM_123575]
AT5G42150	2.43	0.00091867	0.01497154	0.00340159	0.09266265	NM_123580	ref|Arabidopsis thaliana Glutathione S-transferase family protein (AT5G42150) mRNA, complete cds [NM_123580]
AT5G42380	18.78	0.00000101	0.00000101	0.00000022	0.00012048	NM_123603	ref|Arabidopsis thaliana calcium-binding protein CML37 (CML37) mRNA, complete cds [NM_123603]
AT5G42440	4.55	0.0011537	0.00010145	0.00026493	0.01766962	NM_123609	ref|Arabidopsis thaliana protein kinase family protein (AT5G42440) mRNA, complete cds [NM_123609]
AT5G42530	2.05	0.03916897	0.02369108	0.00984476	0.19041061	NM_123618	ref|Arabidopsis thaliana uncharacterized protein (AT5G42530) mRNA, complete cds [NM_123618]
AT5G42570	2.02	0.01010818	0.00347273	0.00802565	0.16609611	NM_123621	ref|Arabidopsis thaliana B-cell receptor-associated 31-like protein (AT5G42570) mRNA, complete cds [NM_123621]
AT5G42830	11.34	0.00000543	0.00000543	0.00000818	0.00177033	NM_123648	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G42830) mRNA, complete cds [NM_123648]
AT5G43170	3.84	0.00025784	0.00019017	0.00051769	0.02763872	NM_123683	ref|Arabidopsis thaliana zinc-finger protein 3 (ZF3) mRNA, complete cds [NM_123683]
AT5G43270	-2.41	0.00434085	0.00109162	0.0003985	0.03618474	NM_123693	ref|Arabidopsis thaliana squamosa promoter-binding-like protein 2 (SPL2) mRNA, complete cds [NM_123693]
AT5G43410	2.32	0.00024967	0.00035825	0.00391221	0.10190668	NM_123707	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF096 (AT5G43410) mRNA, complete cds [NM_123707]
AT5G43420	4.81	0.00000511	0.00000511	0.00020677	0.01510501	NM_123708	ref|Arabidopsis thaliana RING-H2 finger protein ATL16 (AT5G43420) mRNA, complete cds [NM_123708]
AT5G43450	2.2	0.01569774	0.00111929	0.0060743	0.13768421	NM_123711	ref|Arabidopsis thaliana putative 2-oxoglutarate-dependent dioxygenase (AT5G43450) mRNA, complete cds [NM_123711]
AT5G43870	-2.98	0.00066494	0.00040052	0.00003782	0.00977143	NM_123754	ref|Arabidopsis thaliana uncharacterized protein (AT5G43870) mRNA, complete cds [NM_123754]
AT5G43910	3.16	0.00015206	0.00498997	0.00107895	0.0443949	NM_123758	ref|Arabidopsis thaliana pfkB-like carbohydrate kinase family protein (AT5G43910) mRNA, complete cds [NM_123758]
AT5G44020	-2.38	0.00186416	0.0038045	0.00042149	0.037154	NM_123769	ref|Arabidopsis thaliana HAD superfamily, subfamily IIIB acid phosphatase (AT5G44020) mRNA, complete cds [NM_123769]
AT5G44070	3.7	0.00017949	0.00093558	0.00059907	0.03013348	NM_123774	ref|Arabidopsis thaliana glutathione gamma-glutamylcysteinyltransferase 1 (CAD1) mRNA, complete cds [NM_123774]

AT5G44130	-2.39	0.00118542	0.0003558	0.00049182	0.04058394	NM_123780	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 13 (FLA13) mRNA, complete cds [NM_123780]
AT5G44260	-2.55	0.00255699	0.00279233	0.00014861	0.02030211	NM_123793	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 61 (AT5G44260) mRNA, complete cds [NM_123793]
AT5G44380	6.57	0.00000549	0.00000549	0.00007519	0.00758929	NM_123805	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT5G44380) mRNA, complete cds [NM_123805]
AT5G44390	3.02	0.00004296	0.00013366	0.00128616	0.04899747	NM_123806	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT5G44390) mRNA, complete cds [NM_123806]
AT5G44420	18.02	0.00017303	0.00017303	0.00000022	0.00012658	NM_123809	ref|Arabidopsis thaliana defensin-like protein 16 (PDF1,2) mRNA, complete cds [NM_123809]
AT5G44430	14.24	0.0001248	0.0001248	0.00000199	0.0006338	NM_123810	ref|Arabidopsis thaliana defensin-like protein 17 (PDF1,2c) mRNA, complete cds [NM_123810]
AT5G44530	-2.07	0.00049257	0.018419	0.00230628	0.09932381	NM_123820	ref|Arabidopsis thaliana Subtilase family protein (AT5G44530) mRNA, complete cds [NM_123820]
AT5G44562	-3.49	0.02726928	0.02726928	0.00003229	0.00901235	BX817893	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTSIL47ZH12 of Silique of strain col-0 of Arabidopsis thaliana (thale c
AT5G44565	2.16	0.00389915	0.00709441	0.00586533	0.13408999	NM_203153	ref|Arabidopsis thaliana uncharacterized protein (AT5G44565) mRNA, complete cds [NM_203153]
AT5G44568	16.5	0.00000246	0.00000246	0.00000088	0.00034783	NM_001085	ref|Arabidopsis thaliana uncharacterized protein (AT5G44568) mRNA, complete cds [NM_001085241]
AT5G44575	11.84	0.00000505	0.00000505	0.00000619	0.00142132	NM_180589	ref|Arabidopsis thaliana uncharacterized protein (AT5G44575) mRNA, complete cds [NM_180589]
AT5G44582	2.63	0.0003512	0.00195675	0.00231535	0.07270833	NM_001085	ref|Arabidopsis thaliana uncharacterized protein (AT5G44582) mRNA, complete cds [NM_001085245]
AT5G44585	17.41	0.00001521	0.00001521	0.00000066	0.00032258	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT5G44585) mRNA, complete cds [NM_001125900]
AT5G44680	-3.71	0.00107535	0.00008599	0.00000155	0.00104478	NM_123835	ref|Arabidopsis thaliana DNA-3-methyladenine glycosylase I (AT5G44680) mRNA, complete cds [NM_123835]
AT5G44720	2.86	0.00019419	0.00011471	0.00167337	0.05798467	NM_123839	ref|Arabidopsis thaliana molybdenum cofactor sulfurase family protein (AT5G44720) mRNA, complete cds [NM_123839]
AT5G44820	3.64	0.00030236	0.00011872	0.00063069	0.03113537	NM_123850	ref|Arabidopsis thaliana Nucleotide-diphospho-sugar transferase family protein (AT5G44820) mRNA, complete cds [NM_123850]
AT5G44910	2.24	0.00070763	0.00079276	0.00477068	0.11711726	NM_123859	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT5G44910) mRNA, complete cds [NM_123859]
AT5G44990	8.17	0.00000342	0.00000342	0.00003074	0.00412463	NM_001125	ref|Arabidopsis thaliana Glutathione S-transferase family protein (AT5G44990) mRNA, complete cds [NM_001125904]
AT5G45000	8.49	0.00001243	0.00001243	0.0000272	0.00376147	NM_123868	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G45000) mRNA, complete cds [NM_123868]
AT5G45040	-2.2	0.00147115	0.00120547	0.00126338	0.0711457	NM_123872	ref|Arabidopsis thaliana cytochrome c6 (AT5G45040) mRNA, complete cds [NM_123872]
AT5G45090	6.43	0.0001663	0.00001694	0.00007917	0.00774892	NM_123877	ref|Arabidopsis thaliana phloem protein 2-A7 (PP2-A7) mRNA, complete cds [NM_123877]
AT5G45110	3.38	0.0004938	0.00009776	0.0008808	0.03837187	NM_123879	ref|Arabidopsis thaliana NPR1-like protein 3 (NPR3) mRNA, complete cds [NM_123879]
AT5G45310	-2.29	0.00055112	0.02837443	0.00074945	0.05320251	NM_123899	ref|Arabidopsis thaliana uncharacterized protein (AT5G45310) mRNA, complete cds [NM_123899]
AT5G45340	6.19	0.0003102	0.0003102	0.00009288	0.00864198	NM_180805	ref|Arabidopsis thaliana abscisic acid 8'-hydroxylase 3 (CYP707A3) mRNA, complete cds [NM_180805]
AT5G45380	5.84	0.00074982	0.00074982	0.00011787	0.01030948	NM_123906	ref|Arabidopsis thaliana solute:sodium symporter (DUR3) mRNA, complete cds [NM_123906]
AT5G45410	2.02	0.00198313	0.00347273	0.00760991	0.16080374	NM_148091	ref|Arabidopsis thaliana uncharacterized protein (AT5G45410) mRNA, complete cds [NM_148091]
AT5G45470	2.34	0.00108888	0.00079276	0.00403627	0.104	NM_123915	ref|Arabidopsis thaliana uncharacterized protein (AT5G45470) mRNA, complete cds [NM_123915]
AT5G45500	2.4	0.00252852	0.00397063	0.00367912	0.09757771	NM_001203	ref|Arabidopsis thaliana RNI-like superfamily protein (AT5G45500) mRNA, complete cds [NM_001203545]
AT5G45510	2.52	0.00108956	0.00033851	0.00286709	0.08337621	NM_001085	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT5G45510) mRNA, complete cds [NM_001085250]
AT5G45670	-2.01	0.00087816	0.00809441	0.00316984	0.11778143	NM_123934	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G45670) mRNA, complete cds [NM_123934]
AT5G45680	-2.51	0.00070272	0.00326066	0.00023176	0.0270801	NM_123935	ref|Arabidopsis thaliana FKBP-type peptidyl-prolyl cis-trans isomerase 3 (FKBP13) mRNA, complete cds [NM_123935]
AT5G45820	-2.81	0.00031457	0.00036805	0.00005595	0.01165899	NM_123950	ref|Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 20 (CIPK20) mRNA, complete cds [NM_123950]
AT5G45830	-2.19	0.00910298	0.00155131	0.00115126	0.0675227	NM_123951	ref|Arabidopsis thaliana delay of germination 1 protein (DOG1) mRNA, complete cds [NM_123951]
AT5G45950	-2.81	0.00023157	0.00036805	0.00007253	0.01355372	NM_123963	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G45950) mRNA, complete cds [NM_123963]
AT5G45960	-2.34	0.00325035	0.00017257	0.00065126	0.0494958	NM_123964	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G45960) mRNA, complete cds [NM_123964]
AT5G46050	7.27	0.00000696	0.00046918	0.00005153	0.00586902	NM_123973	ref|Arabidopsis thaliana peptide transporter PTR3-A (PTR3) mRNA, complete cds [NM_123973]
AT5G46080	6.16	0.00000541	0.00002278	0.00009244	0.00861856	NM_123976	ref|Arabidopsis thaliana protein kinase family protein (AT5G46080) mRNA, complete cds [NM_123976]
AT5G46230	3.31	0.00099685	0.00059155	0.00095666	0.04073446	NM_123992	ref|Arabidopsis thaliana uncharacterized protein (AT5G46230) mRNA, complete cds [NM_123992]
AT5G46295	8.78	0.0000019	0.0000019	0.0000241	0.00353896	NM_123999	ref|Arabidopsis thaliana uncharacterized protein (AT5G46295) mRNA, complete cds [NM_123999]
AT5G46350	2.68	0.00073205	0.00362481	0.00223994	0.07098108	NM_124005	ref|Arabidopsis thaliana putative WRKY transcription factor 8 (WRKY8) mRNA, complete cds [NM_124005]
AT5G46490	2.42	0.00251397	0.00415302	0.00334896	0.0918932	NM_203165	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G46490) mRNA, complete cds [NM_203165]
AT5G46520	3.23	0.00004898	0.00005933	0.00098054	0.04140056	NM_124022	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G46520) mRNA, complete cds [NM_124022]
AT5G46640	-2.06	0.00229566	0.00300431	0.00220035	0.09613527	NM_124034	ref|Arabidopsis thaliana AT hook motif DNA-binding family protein (AT5G46640) mRNA, complete cds [NM_124034]
AT5G46690	-2.49	0.00318464	0.00080297	0.00027377	0.02961722	NM_124039	ref|Arabidopsis thaliana transcription factor bHLH71 (bHLH071) mRNA, complete cds [NM_124039]
AT5G46780	2.87	0.00020572	0.00024478	0.00166829	0.05785276	NM_124048	ref|Arabidopsis thaliana VQ motif-containing protein (AT5G46780) mRNA, complete cds [NM_124048]
AT5G46871	2.55	0.00010505	0.00023842	0.00257828	0.07762317	NM_001036	ref|Arabidopsis thaliana defensin-like protein 308 (AT5G46871) mRNA, complete cds [NM_001036943]
AT5G46960	2.37	0.000564	0.00027379	0.00372402	0.09847953	NM_124067	ref|Arabidopsis thaliana plant invertase/pectin methylesterase inhibitor domain-containing protein (AT5G46960) mRNA, complete cds [NM_124(
AT5G47070	4.31	0.00003072	0.00003072	0.00032486	0.02045961	NM_124078	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G47070) mRNA, complete cds [NM_124078]
AT5G47110	-2.25	0.00714982	0.00040651	0.00095666	0.06118812	NM_124082	ref|Arabidopsis thaliana Chlorophyll A-B binding family protein (AT5G47110) mRNA, complete cds [NM_124082]
AT5G47120	2.47	0.0002479	0.00595416	0.00297059	0.08528889	NM_124083	ref|Arabidopsis thaliana BAX inhibitor 1 (BI1) mRNA, complete cds [NM_124083]
AT5G47130	2.45	0.0017347	0.00014044	0.00347678	0.09386269	NM_124084	ref|Arabidopsis thaliana BAX inhibitor-1 motif-containing protein (AT5G47130) mRNA, complete cds [NM_124084]
AT5G47140	2.37	0.0023321	0.00027379	0.00386024	0.1012529	NM_124085	ref|Arabidopsis thaliana GATA transcription factor 27 (GATA27) mRNA, complete cds [NM_124085]
AT5G47190	-2.04	0.00455287	0.00110793	0.00281822	0.10986207	NM_124090	ref|Arabidopsis thaliana 50S ribosomal protein L19-2 (AT5G47190) mRNA, complete cds [NM_124090]
AT5G47220	5.99	0.00003933	0.00004783	0.00010349	0.00930417	NM_124093	ref|Arabidopsis thaliana ethylene-responsive transcription factor 2 (ERF2) mRNA, complete cds [NM_124093]
AT5G47230	7.02	0.00001604	0.00000268	0.00006081	0.00667476	NM_124094	ref|Arabidopsis thaliana ethylene-responsive transcription factor 5 (ERF5) mRNA, complete cds [NM_124094]
AT5G47420	2.16	0.01118896	0.00709441	0.00615767	0.13894711	NM_124113	ref|Arabidopsis thaliana tryptophan RNA-binding attenuator-like protein (AT5G47420) mRNA, complete cds [NM_124113]
AT5G47500	-2.46	0.00462821	0.00366616	0.0003023	0.03128146	NM_124123	ref|Arabidopsis thaliana putative pectinesterase 68 (AT5G47500) mRNA, complete cds [NM_124123]
AT5G47610	-2.09	0.00151289	0.00264018	0.00223065	0.09727097	NM_124134	ref|Arabidopsis thaliana RING-H2 finger protein ATL79 (AT5G47610) mRNA, complete cds [NM_124134]
AT5G47730	2.85	0.00072415	0.00288369	0.00176205	0.06022676	NM_001085	ref|Arabidopsis thaliana putative sec14p-like phosphatidylinositol transfer protein (AT5G47730) mRNA, complete cds [NM_001085261]
AT5G47850	6.23	0.00000904	0.00000904	0.00008912	0.00843096	NM_124159	ref|Arabidopsis thaliana serine/threonine-protein kinase-like protein CCR4 (CCR4) mRNA, complete cds [NM_124159]
AT5G47860	2.11	0.0098036	0.01879448	0.00637107	0.14213123	NM_124160	ref|Arabidopsis thaliana uncharacterized protein (AT5G47860) mRNA, complete cds [NM_124160]
AT5G47910	5.98	0.00135048	0.00135048	0.00009841	0.00902637	NM_124165	ref|Arabidopsis thaliana respiratory burst oxidase-D (RBOHD) mRNA, complete cds [NM_124165]
AT5G48380	4.26	0.00006954	0.00019255	0.0003441	0.02122783	NM_124213	ref|Arabidopsis thaliana probably inactive leucine-rich repeat receptor-like protein kinase (BIR1) mRNA, complete cds [NM_124213]
AT5G48400	3.05	0.00045966	0.00023791	0.00128439	0.04901266	NM_180824	ref|Arabidopsis thaliana glutamate receptor 1,2 (ATGLR1,2) mRNA, complete cds [NM_180824]
AT5G48410	3.38	0.00033902	0.00009776	0.00084122	0.03729412	NM_124216	ref|Arabidopsis thaliana glutamate receptor 1,3 (GLR1,3) mRNA, complete cds [NM_124216]
AT5G48430	3.43	0.00011343	0.00002368	0.00077466	0.03541962	NM_124218	ref|Arabidopsis thaliana aspartyl protease family protein (AT5G48430) mRNA, complete cds [NM_124218]
AT5G48460	-2.51	0.00080318	0.00326066	0.00022733	0.02677083	NM_124221	ref|Arabidopsis thaliana Actin binding Calponin homology (CH) domain-containing protein (AT5G48460) mRNA, complete cds [NM_124221]
AT5G48490	-3.95	0.0005364	0.0005364	0.00000111	0.00098039	NM_124225	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT5G48490) mRNA, complete cds [NM
AT5G48530	2.42	0.01893192	0.00415302	0.00427554	0.10867903	NM_124229	ref|Arabidopsis thaliana uncharacterized protein (AT5G48530) mRNA, complete cds [NM_124229]
AT5G48540	8.72	0.00001107	0.00001107	0.00002587	0.00371429	NM_124230	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 55 (AT5G48540) mRNA, complete cds [NM_124230]
AT5G48570	2.66	0.02126736	0.0001248	0.00308072	0.08696005	NM_124233	ref|Arabidopsis thaliana peptidylprolyl isomerase (ROF2) mRNA, complete cds [NM_124233]
AT5G48657	9.51	0.00000359	0.00000359	0.00001636	0.00275093	NM_203181	ref|Arabidopsis thaliana defense protein-like protein (AT5G48657) mRNA, complete cds [NM_203181]
AT5G48900	-2.25	0.00141056	0.00040651	0.00092636	0.05958748	NM_124267	ref|Arabidopsis thaliana putative pectate lyase 20 (AT5G48900) mRNA, complete cds [NM_124267]
AT5G49170	-2.01	0.00209879	0.00809441	0.00322114	0.11919804	NM_124294	ref|Arabidopsis thaliana uncharacterized protein (AT5G49170) mRNA, complete cds [NM_124294]
AT5G49360	-2.47	0.00040347	0.01066583	0.00029567	0.03102088	NM_124313	ref|Arabidopsis thaliana beta-xylosidase 1 (BXL1) mRNA, complete cds [NM_124313]
AT5G49480	2.05	0.02138247	0.02369108	0.00871296	0.17480035	NM_124325	ref|Arabidopsis thaliana Ca2+-binding protein 1 (CP1) mRNA, complete cds [NM_124325]
AT5G49520	2.9	0.00018528	0.00018528	0.00156303	0.05534847	NM_124329	ref|Arabidopsis thaliana putative WRKY transcription factor 48 (WRKY48) mRNA, complete cds [NM_124329]
AT5G49730	-2.22	0.00309956	0.04328289	0.00105705	0.06424731	NM_124351	ref|Arabidopsis thaliana ferric reduction oxidase 6 (FRO6) mRNA, complete cds [NM_124351]
AT5G49740	-2.24	0.01604116	0.00194145	0.00093233	0.05980142	NM_124352	ref|Arabidopsis thaliana ferric reduction oxidase 7 (FRO7) mRNA, complete cds [NM_124352]
AT5G50200	8.34	0.00000435	0.00000435	0.00002742	0.00375758	NM_180829	ref|Arabidopsis thaliana nitrate transmembrane transporter (WR3) mRNA, complete cds [NM_180829]
AT5G50520	2.35	0.00788208	0.00055182	0.00408072	0.10478705	NM_124439	ref|Arabidopsis thaliana major facilitator protein (AT5G50630) mRNA, complete cds [NM_124439]
AT5G50560	3.03	0.00007758	0.00012828	0.00128372	0.04902872	NM_124443	ref|Arabidopsis thaliana uncharacterized protein (AT5G50560) mRNA, complete cds [NM_124443]
AT5G50740	-2.86	0.00086431	0.00041898	0.00005108	0.011	NM_124452	ref|Arabidopsis thaliana Heavy-metal-associated domain--containing protein (AT5G50740) mRNA, complete cds [NM_124452]
AT5G50950	-3.09	0.00737016	0.00011599	0.00003406	0.00933333	NM_180835	ref|Arabidopsis thaliana fumarate hydratase 2 (FUM2) mRNA, complete cds [NM_180835]
AT5G51070	2.55	0.00068862	0.00023842	0.00256612	0.07736	NM_124486	ref|Arabidopsis thaliana ERD1 protein (ERD1) mRNA, complete cds [NM_124486]
AT5G51190	5.96	0.0008318	0.00000543	0.00010681	0.00948919	NM_124498	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF105 (AT5G51190) mRNA, complete cds [NM_124498]
AT5G51440	2.82	0.00114623	0.0004452	0.00187572	0.06320417	NM_124523	ref|Arabidopsis thaliana heat shock protein 23,5 (AT5G51440) mRNA, complete cds [NM_124523]
AT5G51550	-2.45	0.00219006	0.00035291	0.0003337	0.03273319	NM_124534	ref|Arabidopsis thaliana protein EXORDIUM like 3 (EXL3) mRNA, complete cds [NM_124534]
AT5G51570	2.27	0.00109384	0.01618787	0.00462251	0.11478858	NM_124536	ref|Arabidopsis thaliana Hypersensitive-induced response protein 4 (AT5G51570) mRNA, complete cds [NM_124536]
AT5G51630	2.18	0.00216628	0.00105878	0.00543587	0.1279594	NM_124542	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G51630) mRNA, complete cds [NM_124542]
AT5G51830	4.18	0.00112188	0.00003753	0.00039407	0.02354029	NM_124562	ref|Arabidopsis thaliana fructokinase (AT5G51830) mRNA, complete cds [NM_124562]
AT5G52050	8.36	0.00001016	0.00001016	0.0000272	0.0037386	NM_124584	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT5G52050) mRNA, complete cds [NM_124584]
AT5G52100	-2.16	0.00379543	0.01295968	0.00166718	0.08358093	NM_124589	ref|Arabidopsis thaliana putative dihydrodipicolinate reductase 3 (crr1) mRNA, complete cds [NM_124589]
AT5G52440	-2.02	0.00512125	0.00341945	0.00288744	0.11121806	NM_124623	ref|Arabidopsis thaliana Bacterial sec-independent translocation protein mttA/Hcf106 (HCF106) mRNA, complete cds [NM_124623]
AT5G52450	2.07	0.00207186	0.00233174	0.00689009	0.14993744	NM_124624	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT5G52450) mRNA, complete cds [NM_124624]
AT5G52540	2.26	0.0012877	0.00229575	0.00471075	0.1163408	NM_124633	ref|Arabidopsis thaliana uncharacterized protein (AT5G52540) mRNA, complete cds [NM_124633]
AT5G52640	5.52	0.00062996	0.00062996	0.00014728	0.0120434	NM_124642	ref|Arabidopsis thaliana heat shock protein 81-1 (HSP90,1) mRNA, complete cds [NM_124642]
AT5G52720	2.79	0.00035023	0.00012564	0.00176847	0.06026375	NM_124650	ref|Arabidopsis thaliana copper transport family protein (AT5G52720) mRNA, complete cds [NM_124650]
AT5G52740	2.33	0.00057802	0.00113143	0.00390292	0.10178201	NM_124652	ref|Arabidopsis thaliana copper transport family protein (AT5G52740) mRNA, complete cds [NM_124652]
AT5G52750	6.79	0.00000219	0.0000108	0.00006789	0.0071729	NM_124653	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT5G52750) mRNA, complete cds [NM_124653]
AT5G52760	27.59	0.00000666	0.00000666	0	0	NM_124654	ref|Arabidopsis thaliana copper transport family protein (AT5G52760) mRNA, complete cds [NM_124654]
AT5G52810	6.07	0.00004757	0.00004757	0.00009996	0.00913131	NM_124659	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT5G52810) mRNA, complete cds [NM_124659]
AT5G52870	2.44	0.00247576	0.00034152	0.0034372	0.09323935	NM_124665	ref|Arabidopsis thaliana uncharacterized protein (AT5G52870) mRNA, complete cds [NM_124665]
AT5G52920	-2.08	0.0034703	0.00099138	0.0020533	0.09312939	NM_124670	ref|Arabidopsis thaliana pyruvate kinase (PKP-BETA1) mRNA, complete cds [NM_124670]
AT5G52940	-2.17	0.00374052	0.00126404	0.00144073	0.07646714	NM_124672	ref|Arabidopsis thaliana uncharacterized protein (AT5G52940) mRNA, complete cds [NM_124672]
AT5G53020	-2.2	0.00142675	0.00120547	0.00129279	0.07217284	NM_124681	ref|Arabidopsis thaliana Ribonuclease P protein subunit P38-like protein (AT5G53020) mRNA, complete cds [NM_124681]
AT5G53110	2.62	0.00033234	0.00042733	0.00240977	0.07433151	NM_124690	ref|Arabidopsis thaliana RING/U-box domain-containing protein-like protein (AT5G53110) mRNA, complete cds [NM_124690]
AT5G53120	2.01	0.00776999	0.00354347	0.0088253	0.17619426	NM_001203	ref|Arabidopsis thaliana Spermine synthase (SPDS3) mRNA, complete cds [NM_001203598]
AT5G53250	-2.1	0.00063031	0.0080778	0.00199359	0.09133739	NM_124704	ref|Arabidopsis thaliana arabinogalactan protein 22 (AGP22) mRNA, complete cds [NM_124704]
AT5G53400	2.15	0.00539772	0.0020554	0.00620478	0.13952263	NM_124719	ref|Arabidopsis thaliana nudC domain-containing protein (BOB1) mRNA, complete cds [NM_124719]
AT5G53490	-2.23	0.00103869	0.00133724	0.00106369	0.0643909	NM_124729	ref|Arabidopsis thaliana thylakoid lumenal protein (AT5G53490) mRNA, complete cds [NM_124729]
AT5G53500	-2.41	0.00116145	0.00109162	0.00032419	0.03250554	NM_124730	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT5G53500) mRNA, complete cds [NM_124730]
AT5G53550	4.14	0.00011984	0.00093157	0.00039385	0.0235894	NM_124735	ref|Arabidopsis thaliana metal-nicotianamine transporter YSL3 (YSL3) mRNA, complete cds [NM_124735]
AT5G53900	-2.24	0.00383701	0.00194145	0.00071782	0.05210273	NM_180855	ref|Arabidopsis thaliana Serine/threonine-protein kinase-like protein (AT5G53900) mRNA, complete cds [NM_180855]
AT5G54140	2.17	0.00244147	0.00319914	0.00594471	0.13542569	NM_124794	ref|Arabidopsis thaliana IAA-amino acid hydrolase ILR1-like 3 (ILL3) mRNA, complete cds [NM_124794]
AT5G54145	-2.19	0.00039328	0.00155131	0.00127156	0.07142857	NM_148129	ref|Arabidopsis thaliana uncharacterized protein (AT5G54145) mRNA, complete cds [NM_148129]
AT5G54160	2.51	0.00074446	0.00098541	0.0027782	0.08152498	NM_124796	ref|Arabidopsis thaliana Quercetin 3-O-methyltransferase 1 (OMT1) mRNA, complete cds [NM_124796]
AT5G54165	2.77	0.00053463	0.00034848	0.00194759	0.06490052	NM_001125	ref|Arabidopsis thaliana uncharacterized protein (AT5G54165) mRNA, complete cds [NM_001125962]
AT5G54470	-2.01	0.00229265	0.00809441	0.00266674	0.10605981	NM_124827	ref|Arabidopsis thaliana B-box type zinc finger-containing protein (AT5G54470) mRNA, complete cds [NM_124827]

AT5G54490	5.69	0.0004717	0.00000447	0.00013224	0.01117757	NM_124829	ref|Arabidopsis thaliana pinoid-binding protein 1 (PBP1) mRNA, complete cds [NM_124829]
AT5G54500	2.95	0.00026199	0.00013979	0.00144206	0.05246179	NM_001203	ref|Arabidopsis thaliana flavodoxin-like quinone reductase 1 (FQR1) mRNA, complete cds [NM_001203609]
AT5G54585	-4.43	0.00014974	0.00014974	0.00000044	0.0008	NM_148130	ref|Arabidopsis thaliana uncharacterized protein (AT5G54585) mRNA, complete cds [NM_148130]
AT5G54610	4.91	0.00192661	0.0000635	0.00021694	0.01554675	NM_124842	ref|Arabidopsis thaliana ankyrin repeat family protein (ANK) mRNA, complete cds [NM_124842]
AT5G54710	6.82	0.00002312	0.00002312	0.00006789	0.00713953	NM_124852	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT5G54710) mRNA, complete cds [NM_124852]
AT5G54720	3.5	0.00160512	0.00079614	0.00083437	0.0370265	NM_124853	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT5G54720) mRNA, complete cds [NM_124853]
AT5G54770	-2.38	0.00190775	0.0038045	0.0004644	0.03932584	NM_124858	ref|Arabidopsis thaliana thiazole biosynthetic enzyme (THI1) mRNA, complete cds [NM_124858]
AT5G54810	3.42	0.00027167	0.00027167	0.00082154	0.03663708	NM_124862	ref|Arabidopsis thaliana tryptophan synthase beta chain (TSB1) mRNA, complete cds [NM_124862]
AT5G54840	2.17	0.00274553	0.00319914	0.00556015	0.12973684	NM_203204	ref|Arabidopsis thaliana Ras-related small GTP-binding family protein (SGP1) mRNA, complete cds [NM_203204]
AT5G54860	4.02	0.00003521	0.00117255	0.00040977	0.02397154	NM_124868	ref|Arabidopsis thaliana major facilitator protein (AT5G54860) mRNA, complete cds [NM_124868]
AT5G54940	2.01	0.04480967	0.00354347	0.0114467	0.20880194	NM_180861	ref|Arabidopsis thaliana Translation initiation factor SUI1 family protein (AT5G54940) mRNA, complete cds [NM_180861]
AT5G55170	3.22	0.00004928	0.00008368	0.00098319	0.04147388	NM_124899	ref|Arabidopsis thaliana small ubiquitin-related modifier 3 (SUMO3) mRNA, complete cds [NM_124899]
AT5G55220	-2.04	0.0127225	0.00110793	0.00306656	0.11536606	NM_124904	ref|Arabidopsis thaliana trigger factor type chaperone family protein (AT5G55220) mRNA, complete cds [NM_124904]
AT5G55420	11.54	0.00004757	0.00004757	0.00000708	0.00156863	A_84_P7676	Unknown
AT5G55450	2.04	0.00093157	0.00928674	0.00720124	0.1545515	NM_124927	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT5G55450) mRNA, complete cds [NM
AT5G55460	3.44	0.00030746	0.00097159	0.000772	0.03544162	NM_124928	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT5G55460) mRNA, complete cds [NM
AT5G55560	2.06	0.00044218	0.00370388	0.00679943	0.14853623	NM_124938	ref|Arabidopsis thaliana putative serine/threonine-protein kinase WNK11 (AT5G55560) mRNA, complete cds [NM_124938]
AT5G55620	-3.18	0.00007707	0.00007707	0.00001106	0.00480769	NM_124944	ref|Arabidopsis thaliana uncharacterized protein (AT5G55620) mRNA, complete cds [NM_124944]
AT5G55730	-2.2	0.0146816	0.00120547	0.00129898	0.0723399	NM_001203	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 1 (FLA1) mRNA, complete cds [NM_001203621]
AT5G55740	-2.53	0.00027809	0.00131048	0.00022778	0.02675325	NM_124956	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (CRR21) mRNA, complete cds [NM_124956]
AT5G55930	2.49	0.0032699	0.00481557	0.00329699	0.09107514	NM_124975	ref|Arabidopsis thaliana oligopeptide transporter 1 (OPT1) mRNA, complete cds [NM_124975]
AT5G56000	2.22	0.0157167	0.00087028	0.00568023	0.13172308	NM_124982	ref|Arabidopsis thaliana molecular chaperone HtpG (Hsp81,4) mRNA, complete cds [NM_124982]
AT5G56010	2.3	0.00685344	0.00194551	0.0046318	0.11495609	NM_124983	ref|Arabidopsis thaliana heat shock protein 81-3 (HSP81-3) mRNA, complete cds [NM_124983]
AT5G56350	2.57	0.00158854	0.00131387	0.00259133	0.07786047	NM_125018	ref|Arabidopsis thaliana pyruvate kinase (AT5G56350) mRNA, complete cds [NM_125018]
AT5G56610	2.41	0.00051085	0.00072694	0.00345312	0.09339115	NM_125044	ref|Arabidopsis thaliana dual specificity protein phosphatase family protein (AT5G56610) mRNA, complete cds [NM_125044]
AT5G56850	-2.13	0.04767183	0.00142272	0.00159509	0.08178005	NM_125068	ref|Arabidopsis thaliana uncharacterized protein (AT5G56850) mRNA, complete cds [NM_125068]
AT5G56960	4.59	0.00005774	0.00022259	0.00024923	0.01702417	NM_125078	ref|Arabidopsis thaliana putative transcription factor bHLH041 (AT5G56960) mRNA, complete cds [NM_125078]
AT5G57010	8.88	0.00000783	0.00000783	0.00002189	0.00333333	NM_125083	ref|Arabidopsis thaliana calmodulin-binding protein-like protein (AT5G57010) mRNA, complete cds [NM_125083]
AT5G57035	2.13	0.00678706	0.01304415	0.00602167	0.13676544	NM_148143	ref|Arabidopsis thaliana U-box domain-containing protein kinase family protein (AT5G57035) mRNA, complete cds [NM_148143]
AT5G57040	-2.14	0.00116876	0.02737822	0.00180296	0.08582105	NM_125086	ref|Arabidopsis thaliana Lactoylglutathione lyase / glyoxalase I family protein (AT5G57040) mRNA, complete cds [NM_125086]
AT5G57220	34.26	0.00000106	0.00000106	0	0	NM_125104	ref|Arabidopsis thaliana cytochrome P450, family 81, subfamily F, polypeptide 2 (CYP81F2) mRNA, complete cds [NM_125104]
AT5G57340	-2.09	0.00112967	0.00264018	0.0020084	0.09183013	NM_125116	ref|Arabidopsis thaliana uncharacterized protein (AT5G57340) mRNA, complete cds [NM_125116]
AT5G57480	7.33	0.00001669	0.00001669	0.00004887	0.00571059	NM_125129	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT5G57480) mRNA, complete cds [NM_125129]
AT5G57510	2.86	0.00065522	0.00011471	0.00171672	0.05912414	NM_125132	ref|Arabidopsis thaliana uncharacterized protein (AT5G57510) mRNA, complete cds [NM_125132]
AT5G57760	-3.82	0.00018303	0.00014159	0.00000088	0.00097561	NM_125159	ref|Arabidopsis thaliana uncharacterized protein (AT5G57760) mRNA, complete cds [NM_125159]
AT5G57780	-2.43	0.00893979	0.00474273	0.00034321	0.03330472	NM_125161	ref|Arabidopsis thaliana uncharacterized protein (AT5G57780) mRNA, complete cds [NM_125161]
AT5G57800	-2.05	0.01426029	0.01710305	0.00269151	0.10629694	NM_125164	ref|Arabidopsis thaliana protein WAX2 (CER3) mRNA, complete cds [NM_125164]
AT5G57910	3.06	0.00629316	0.00007852	0.00136488	0.05092409	NM_125176	ref|Arabidopsis thaliana uncharacterized protein (AT5G57910) mRNA, complete cds [NM_125176]
AT5G58120	6.05	0.00004928	0.00004928	0.00010084	0.00915663	NM_125197	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G58120) mRNA, complete cds [NM_125197]
AT5G58260	-2.08	0.01397899	0.00099138	0.00225055	0.09785577	NM_001125	ref|Arabidopsis thaliana oxidoreductase (AT5G58260) mRNA, complete cds [NM_001125985]
AT5G58350	2.22	0.00132278	0.00087028	0.004841	0.11832973	NM_125220	ref|Arabidopsis thaliana putative serine/threonine-protein kinase WNK4 (WNK4) mRNA, complete cds [NM_125220]
AT5G58430	2.17	0.00078129	0.00319914	0.0054571	0.12832553	NM_125229	ref|Arabidopsis thaliana exocyst subunit exo70 family protein B1 (EXO70B1) mRNA, complete cds [NM_125229]
AT5G58520	-2.12	0.00518778	0.01698645	0.001751	0.08504834	NM_125238	ref|Arabidopsis thaliana protein kinase family protein (AT5G58520) mRNA, complete cds [NM_125238]
AT5G58540	2.32	0.00018059	0.00035825	0.00390889	0.10187896	NM_203231	ref|Arabidopsis thaliana protein kinase-like protein (AT5G58540) mRNA, complete cds [NM_203231]
AT5G58620	2.55	0.0003014	0.00023842	0.00271141	0.08018967	NM_125249	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 66 (AT5G58620) mRNA, complete cds [NM_125249]
AT5G58770	2.41	0.03455407	0.00072694	0.00488943	0.11912716	NM_125264	ref|Arabidopsis thaliana dehydrodolichyl diphosphate synthase 2 (AT5G58770) mRNA, complete cds [NM_125264]
AT5G58787	2.02	0.00403792	0.00347273	0.00760438	0.16076204	NM_125268	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT5G58787) mRNA, complete cds [NM_125268]
AT5G58940	3.09	0.00038474	0.0003012	0.00120588	0.04713051	NM_125284	ref|Arabidopsis thaliana calmodulin-binding receptor-like cytoplasmic kinase 1 (CRCK1) mRNA, complete cds [NM_125284]
AT5G59450	2.32	0.03249472	0.00035825	0.00569217	0.13193234	NM_125336	ref|Arabidopsis thaliana scarecrow-like protein 11 (AT5G59450) mRNA, complete cds [NM_125336]
AT5G59530	3.59	0.0001423	0.00124331	0.00064109	0.03134054	NM_125345	ref|Arabidopsis thaliana putative 2-oxoglutarate-dependent dioxygenase (AT5G59530) mRNA, complete cds [NM_125345]
AT5G59540	2.29	0.00824756	0.00067661	0.0045858	0.1140022	NM_125346	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT5G59540) mRNA, complete cds [NM_125346]
AT5G59550	5.46	0.00001006	0.00001006	0.00014197	0.01175824	NM_125347	ref|Arabidopsis thaliana C3H4 type zinc finger protein (AT5G59550) mRNA, complete cds [NM_125347]
AT5G59580	2.49	0.00088394	0.00481557	0.00304644	0.08631579	NM_125350	ref|Arabidopsis thaliana UDP-glucosyl transferase 76E1 (UGT76E1) mRNA, complete cds [NM_125350]
AT5G59670	5.51	0.00007776	0.00007776	0.00014197	0.01177982	NM_125359	ref|Arabidopsis thaliana Receptor-like protein kinase (AT5G59670) mRNA, complete cds [NM_125359]
AT5G59680	3.69	0.00015154	0.0003584	0.00060261	0.03021064	NM_125360	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT5G59680) mRNA, complete cds [NM_125360]
AT5G59780	-2.26	0.00040713	0.00039303	0.00085184	0.05664706	NM_180894	ref|Arabidopsis thaliana transcription factor MYB59 (MYB59) mRNA, complete cds [NM_180894]
AT5G59820	11.34	0.00001064	0.00000543	0.00000818	0.0017619	NM_125374	ref|Arabidopsis thaliana C2H2-type zinc finger protein (RHL41) mRNA, complete cds [NM_125374]
AT5G60280	3.56	0.00013275	0.00007318	0.00065989	0.03188034	NM_125421	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT5G60280) mRNA, complete cds [NM_125421]
AT5G60630	2.48	0.00697015	0.00362616	0.00339407	0.09251356	NM_125456	ref|Arabidopsis thaliana uncharacterized protein (AT5G60630) mRNA, complete cds [NM_125456]
AT5G60720	-2.16	0.00050349	0.01295968	0.00142393	0.07584217	NM_125465	ref|Arabidopsis thaliana uncharacterized protein (AT5G60720) mRNA, complete cds [NM_125465]
AT5G60800	2.31	0.00531901	0.01640024	0.00456678	0.11371696	NM_001203	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT5G60800) mRNA, complete cds [NM_001203653]
AT5G60850	-2.07	0.01055332	0.018419	0.00217868	0.09583658	NM_125478	ref|Arabidopsis thaliana Dof zinc finger protein DOF5,4 (OBP4) mRNA, complete cds [NM_125478]
AT5G60860	-2.69	0.00648852	0.00087415	0.00014441	0.02003067	NM_125479	ref|Arabidopsis thaliana RAB GTPase homolog A1F (RABA1f) mRNA, complete cds [NM_125479]
AT5G60890	-2.63	0.00121198	0.00040092	0.0001287	0.01883495	NM_125482	ref|Arabidopsis thaliana myb domain protein 34 (MYB34) mRNA, complete cds [NM_125482]
AT5G60900	8.16	0.00000282	0.00000511	0.00003317	0.00436047	NM_125483	ref|Arabidopsis thaliana receptor-like protein kinase 1 (RLK1) mRNA, complete cds [NM_125483]
AT5G60950	11.37	0.00000179	0.00000252	0.0000084	0.0017757	NM_125488	ref|Arabidopsis thaliana COBRA-like protein 5 (COBL5) mRNA, complete cds [NM_125488]
AT5G61010	3.06	0.00265141	0.00007852	0.00131358	0.04958264	NM_125494	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70E2) mRNA, complete cds [NM_125494]
AT5G61160	17.19	0.00000512	0.00000512	0.00000044	0.00021978	NM_125509	ref|Arabidopsis thaliana anthocyanin 5-aromatic acyltransferase 1 (AACT1) mRNA, complete cds [NM_125509]
AT5G61210	4.35	0.0003762	0.00005504	0.00033503	0.02083906	NM_125514	ref|Arabidopsis thaliana SNAP25 homologous protein SNAP33 (SNAP33) mRNA, complete cds [NM_125514]
AT5G61250	2.29	0.00081585	0.00067661	0.00434675	0.1096875	NM_125518	ref|Arabidopsis thaliana Heparanase-like protein 2 (GUS1) mRNA, complete cds [NM_125518]
AT5G61520	6.15	0.00013285	0.00013285	0.00009354	0.00868583	NM_001126	ref|Arabidopsis thaliana sugar transport protein 3 (AT5G61520) mRNA, complete cds [NM_001126001]
AT5G61560	2.72	0.00083026	0.0052735	0.00206457	0.06735931	NM_001203	ref|Arabidopsis thaliana U-box domain-containing protein 51 (AT5G61560) mRNA, complete cds [NM_001203660]
AT5G61600	3.45	0.00460459	0.00719755	0.00096395	0.04092958	NM_125553	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF104 (ERF104) mRNA, complete cds [NM_125553]
AT5G61610	2.6	0.00084302	0.00117458	0.0025418	0.0769344	NM_125555	ref|Arabidopsis thaliana oleosin-like protein (AT5G61610) mRNA, complete cds [NM_125555]
AT5G61660	-2.06	0.00263212	0.00300431	0.00234631	0.10028355	NM_125560	ref|Arabidopsis thaliana glycine-rich protein (AT5G61660) mRNA, complete cds [NM_125560]
AT5G61790	2.98	0.0013485	0.0001524	0.00139385	0.05145306	NM_125573	ref|Arabidopsis thaliana calnexin 1 (CNX1) mRNA, complete cds [NM_125573]
AT5G61810	-2.01	0.00276828	0.00809441	0.00293344	0.11213018	NM_125575	ref|Arabidopsis thaliana Mitochondrial substrate carrier family protein (AT5G61810) mRNA, complete cds [NM_125575]
AT5G61890	2.15	0.0009616	0.0020554	0.00544118	0.12801769	NM_125582	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF114 (AT5G61890) mRNA, complete cds [NM_125582]
AT5G61900	2.62	0.00089355	0.00042733	0.00232685	0.07286704	NM_203248	ref|Arabidopsis thaliana calcium-dependent phospholipid-binding copine-like protein (BON1) mRNA, complete cds [NM_203248]
AT5G62020	2.14	0.00503425	0.00180611	0.0060356	0.13701305	NM_125595	ref|Arabidopsis thaliana heat stress transcription factor B-2a (HSFB2A) mRNA, complete cds [NM_125595]
AT5G62100	-3.24	0.00093275	0.00093275	0.00001592	0.00595041	NM_180915	ref|Arabidopsis thaliana BCL-2-associated athanogene 2 (BAG2) mRNA, complete cds [NM_180915]
AT5G62140	-2.57	0.00016835	0.00133048	0.00018974	0.02389972	NM_125607	ref|Arabidopsis thaliana uncharacterized protein (AT5G62140) mRNA, complete cds [NM_125607]
AT5G62150	4.36	0.00075181	0.00010877	0.00032862	0.02066759	NM_125608	ref|Arabidopsis thaliana peptidoglycan-binding LysM domain-containing protein (AT5G62150) mRNA, complete cds [NM_125608]
AT5G62180	2.93	0.00203802	0.00432316	0.00155816	0.05526275	NM_125612	ref|Arabidopsis thaliana carboxyesterase 20 (CXE20) mRNA, complete cds [NM_125612]
AT5G62220	-2.09	0.00365534	0.00264018	0.00243764	0.10206481	NM_125616	ref|Arabidopsis thaliana glycosyltransferase 18 (GT18) mRNA, complete cds [NM_125616]
AT5G62430	-2.06	0.00093157	0.00300431	0.00205573	0.09305305	NM_125637	ref|Arabidopsis thaliana Dof zinc finger protein DOF5,5 (CDF1) mRNA, complete cds [NM_125637]
AT5G62480	5.91	0.00003991	0.00000428	0.00010482	0.00938614	NM_125642	ref|Arabidopsis thaliana glutathione S-transferase tau 9 (GSTU9) mRNA, complete cds [NM_125642]
AT5G62570	2.44	0.00217091	0.00034152	0.00331115	0.09113208	NM_125651	ref|Arabidopsis thaliana calmodulin binding protein-like protein (AT5G62570) mRNA, complete cds [NM_125651]
AT5G62620	2.17	0.0108467	0.00319914	0.00614042	0.13862706	NM_125657	ref|Arabidopsis thaliana putative beta-1,3-galactosyltransferase 19 (AT5G62620) mRNA, complete cds [NM_125657]
AT5G62670	-3.06	0.00171447	0.00171447	0.00002034	0.0069697	NM_125662	ref|Arabidopsis thaliana H(+)-ATPase 11 (HA11) mRNA, complete cds [NM_125662]
AT5G62770	2.6	0.00012478	0.00117458	0.00245113	0.07509485	NM_125672	ref|Arabidopsis thaliana uncharacterized protein (AT5G62770) mRNA, complete cds [NM_125672]
AT5G62790	-2	0.00240154	0.0180232	0.00365745	0.12791183	NM_001203	ref|Arabidopsis thaliana 1-deoxy-D-xylulose 5-phosphate reductoisomerase (DXR) mRNA, complete cds [NM_001203671]
AT5G62840	-2	0.00312327	0.0180232	0.0038264	0.13108333	NM_125679	ref|Arabidopsis thaliana phosphoglycerate mutase-like protein (AT5G62840) mRNA, complete cds [NM_125679]
AT5G63130	3.88	0.00021154	0.00027406	0.0005042	0.02711058	NM_125707	ref|Arabidopsis thaliana octicosapeptide/Phox/Bem1p domain-containing protein (AT5G63130) mRNA, complete cds [NM_125707]
AT5G63680	4.83	0.00085875	0.00001619	0.00022689	0.01598131	NM_125763	ref|Arabidopsis thaliana pyruvate kinase (AT5G63680) mRNA, complete cds [NM_125763]
AT5G63780	-3.22	0.00008442	0.0022883	0.00001261	0.00527778	NM_125773	ref|Arabidopsis thaliana RING/FYVE/PHD zinc finger-containing protein (SHA1) mRNA, complete cds [NM_125773]
AT5G63790	5.34	0.00004317	0.00001666	0.00015834	0.01251748	NM_125774	ref|Arabidopsis thaliana NAC domain-containing protein 102 (NAC102) mRNA, complete cds [NM_125774]
AT5G63810	-2.41	0.01336429	0.00109162	0.00041818	0.03700587	NM_125776	ref|Arabidopsis thaliana beta-galactosidase 10 (BGAL10) mRNA, complete cds [NM_125776]
AT5G63850	2.1	0.01219334	0.0221732	0.00776205	0.16272601	NM_125780	ref|Arabidopsis thaliana amino acid permease 4 (AAP4) mRNA, complete cds [NM_125780]
AT5G64000	6.53	0.00001014	0.00001014	0.00007629	0.00766667	NM_125796	ref|Arabidopsis thaliana SAL2 phosphatase (SAL2) mRNA, complete cds [NM_125796]
AT5G64120	11.83	0.00001209	0.00001209	0.00000575	0.00133333	NM_125808	ref|Arabidopsis thaliana peroxidase 71 (AT5G64120) mRNA, complete cds [NM_125808]
AT5G64380	-2.5	0.003156	0.00573981	0.00026338	0.02933498	NM_125834	ref|Arabidopsis thaliana fructose-1,6-bisphosphatase II (AT5G64380) mRNA, complete cds [NM_125834]
AT5G64510	4.31	0.00268835	0.00003072	0.00037284	0.02248	NM_125847	ref|Arabidopsis thaliana uncharacterized protein (AT5G64510) mRNA, complete cds [NM_125847]
AT5G64620	-2.51	0.00095862	0.00326066	0.00024016	0.02756345	NM_125858	ref|Arabidopsis thaliana cell wall / vacuolar inhibitor of fructosidase 2 (C/VIF2) mRNA, complete cds [NM_125858]
AT5G64660	4.05	0.00004928	0.00006007	0.00040734	0.02398438	NM_125862	ref|Arabidopsis thaliana U-box domain-containing protein 27 (CMPG2) mRNA, complete cds [NM_125862]
AT5G64750	2.03	0.00758553	0.00506757	0.0084299	0.17178909	NM_125871	ref|Arabidopsis thaliana ethylene-responsive transcription factor ABR1 (ABR1) mRNA, complete cds [NM_125871]
AT5G64810	8.62	0.00000206	0.00000206	0.00002676	0.00375776	NM_125877	ref|Arabidopsis thaliana putative WRKY transcription factor 51 (WRKY51) mRNA, complete cds [NM_125877]
AT5G64850	-2.1	0.0017342	0.0080778	0.00196838	0.09110542	NM_125883	ref|Arabidopsis thaliana uncharacterized protein (AT5G64850) mRNA, complete cds [NM_125883]
AT5G64870	2.48	0.00026414	0.00362616	0.00297125	0.08525381	NM_125885	ref|Arabidopsis thaliana Flotillin-like protein 3 (AT5G64870) mRNA, complete cds [NM_125885]
AT5G64890	6.01	0.00001991	0.00001991	0.00010283	0.00928144	NM_125887	ref|Arabidopsis thaliana elicitor peptide 2 (PROPEP2) mRNA, complete cds [NM_125887]
AT5G64905	11.4	0.00000172	0.00000172	0.00000862	0.00181395	NM_125889	ref|Arabidopsis thaliana elicitor peptide 3 (PROPEP3) mRNA, complete cds [NM_125889]
AT5G65200	2.02	0.00951565	0.00347273	0.00868399	0.17460649	NM_125917	ref|Arabidopsis thaliana U-box domain-containing protein 38 (PUB38) mRNA, complete cds [NM_125917]
AT5G65300	2.74	0.00105808	0.0001347	0.00196727	0.0653637	NM_125928	ref|Arabidopsis thaliana uncharacterized protein (AT5G65300) mRNA, complete cds [NM_125928]
AT5G65390	-3.32	0.0000256	0.00051454	0.0000073	0.00366667	NM_125937	ref|Arabidopsis thaliana arabinogalactan protein 7 (AGP7) mRNA, complete cds [NM_125937]
AT5G65410	-2.27	0.00546028	0.00180101	0.00075188	0.05329154	NM_125939	ref|Arabidopsis thaliana homeobox protein 25 (HB25) mRNA, complete cds [NM_125939]
AT5G65600	6.04	0.00003778	0.00003778	0.00009841	0.00904472	NM_125958	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT5G65600) mRNA, complete cds [NM_125958]
AT5G65730	-4.65	0.00017067	0.00369217	0	0	NM_125970	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH6) mRNA, complete cds [NM_125970]
AT5G65750	2.5	0.00493802	0.00438726	0.00324812	0.08994489	NM_125972	ref|Arabidopsis thaliana 2-oxoglutarate dehydrogenase, E1 component (AT5G65750) mRNA, complete cds [NM_125972]
AT5G66052	-2.1	0.02468251	0.0080778	0.00186157	0.08823899	NM_148167	ref|Arabidopsis thaliana uncharacterized protein (AT5G66052) mRNA, complete cds [NM_148167]

AT5G66070	2.37	0.00027628	0.00027379	0.00363136	0.09676488	NM_001037(	ref|Arabidopsis thaliana NEP1-interacting protein-like 1 (AT5G66070) mRNA, complete cds [NM_001037081]
AT5G66080	-2.01	0.01219331	0.00809441	0.00296572	0.11279226	NM_126006	ref|Arabidopsis thaliana putative protein phosphatase 2C 79 (AT5G66080) mRNA, complete cds [NM_126006]
AT5G66110	-2.36	0.00904073	0.01953672	0.00036621	0.03414433	NM_126009	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT5G66110) mRNA, complete cds [NM_126009]
AT5G66210	2.9	0.0032971	0.00018528	0.00176316	0.06021903	NM_126019	ref|Arabidopsis thaliana calcium-dependent protein kinase 28 (CPK28) mRNA, complete cds [NM_126019]
AT5G66320	2.65	0.00054927	0.00025475	0.00227665	0.0719427	NM_203273	ref|Arabidopsis thaliana GATA transcription factor 5 (GATA5) mRNA, complete cds [NM_203273]
AT5G66520	-2.4	0.00061231	0.00087785	0.00040137	0.03637275	NM_126050	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT5G66520) mRNA, complete cds [NM_126050]
AT5G66590	-2.59	0.00282657	0.00009342	0.00012185	0.01842809	NM_126057	ref|Arabidopsis thaliana allergen V5/Tpx-1-related family protein (AT5G66590) mRNA, complete cds [NM_126057]
AT5G66640	4.3	0.00000925	0.00000925	0.00031092	0.01963687	NM_001203	ref|Arabidopsis thaliana protein DA1-related 3 (DAR3) mRNA, complete cds [NM_001203709]
AT5G66650	3.27	0.004181	0.00009265	0.00113799	0.04558016	NM_126063	ref|Arabidopsis thaliana uncharacterized protein (AT5G66650) mRNA, complete cds [NM_126063]
AT5G66675	3.38	0.00023872	0.00009776	0.00085759	0.03768707	NM_180598	ref|Arabidopsis thaliana uncharacterized protein (AT5G66675) mRNA, complete cds [NM_180598]
AT5G66690	2.16	0.00149078	0.00709441	0.00584985	0.13387146	NM_126067	ref|Arabidopsis thaliana coniferyl-alcohol glucosyltransferase (UGT72E2) mRNA, complete cds [NM_126067]
AT5G66740	-2.01	0.00053923	0.00809441	0.00303472	0.11454925	NM_126072	ref|Arabidopsis thaliana uncharacterized protein (AT5G66740) mRNA, complete cds [NM_126072]
AT5G66790	2.25	0.00556427	0.00448106	0.00487284	0.11897948	NM_126077	ref|Arabidopsis thaliana wall-associated receptor kinase-like 21 (AT5G66790) mRNA, complete cds [NM_126077]
AT5G66910	2.25	0.0016347	0.00448106	0.00491309	0.11944624	NM_126090	ref|Arabidopsis thaliana CC-NBS-LRR class disease resistance protein (AT5G66910) mRNA, complete cds [NM_126090]
AT5G67070	-2.03	0.00221346	0.01635287	0.00292813	0.11211685	NM_126107	ref|Arabidopsis thaliana protein ralf-like 34 (RALFL34) mRNA, complete cds [NM_126107]
AT5G67080	31.53	0.000001	0.000001	0	0	NM_126108	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase kinase 19 (MAPKKK19) mRNA, complete cds [NM_126108]
AT5G67280	-2.01	0.00599217	0.00809441	0.00281667	0.10989646	NM_126128	ref|Arabidopsis thaliana receptor-like kinase (RLK) mRNA, complete cds [NM_126128]
AT5G67310	5.03	0.00012001	0.00014818	0.00018355	0.01390285	NM_126131	ref|Arabidopsis thaliana cytochrome P450, family 81, subfamily G, polypeptide 1 (CYP81G1) mRNA, complete cds [NM_126131]
AT5G67340	9.44	0.00000726	0.00000726	0.00001659	0.00272727	NM_126134	ref|Arabidopsis thaliana U-box domain-containing protein 2 (AT5G67340) mRNA, complete cds [NM_126134]
AT5G67370	-2.28	0.00559518	0.00104319	0.0007835	0.05434049	NM_126137	ref|Arabidopsis thaliana uncharacterized protein (AT5G67370) mRNA, complete cds [NM_126137]
AT5G67385	-2.13	0.00115206	0.00142272	0.0017291	0.08471289	NM_148168	ref|Arabidopsis thaliana phototropic-responsive NPH3-like protein (AT5G67385) mRNA, complete cds [NM_148168]
AT5G67390	-2.04	0.00143998	0.00110793	0.00240513	0.10173994	NM_126139	ref|Arabidopsis thaliana uncharacterized protein (AT5G67390) mRNA, complete cds [NM_126139]
AT5G67450	7.42	0.00000249	0.00005037	0.00004755	0.00562827	NM_126145	ref|Arabidopsis thaliana zinc-finger protein 1 (ZF1) mRNA, complete cds [NM_126145]
AT5G67480	2.21	0.00121198	0.00350233	0.00496307	0.12020889	NM_203278	ref|Arabidopsis thaliana BTB and TAZ domain protein 4 (BT4) mRNA, complete cds [NM_203278]
ATHPTC32	2.16	0.00272934	0.00709441	0.0057939	0.13319776	ATHPTC32	tc|Rep: Probable serine/threonine-protein kinase Cx32, chloroplast precursor - Arabidopsis thaliana (Mouse-ear cress), partial (60%) [TC405028]
AY090965	-2.49	0.00093113	0.00080297	0.00026891	0.02951456	AY090965	gb|Arabidopsis thaliana At3g29646 mRNA sequence [AY090965]
BE525769	-2.76	0.00064304	0.00292416	0.0000847	0.01478764	BE525769	tc|Rep: Expressed protein - Arabidopsis thaliana (Mouse-ear cress), partial (41%) [TC399808]
BP619218	2.17	0.00090817	0.00319914	0.00549027	0.12870399	BP619218	gb|BP619218 RAFL16 Arabidopsis thaliana cDNA clone RAFL16-31-H21 3', mRNA sequence [BP619218]
BP803304	2.51	0.00073384	0.00098541	0.00291818	0.08453555	BP803304	tc|Rep: Uclacyanin-2 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (28%) [TC395283]
BP812391	2.72	0.00033234	0.0052735	0.00201526	0.06651825	BP812391	gb|BP812391 RAFL19 Arabidopsis thaliana cDNA clone RAFL22-03-E03 5', mRNA sequence [BP812391]
BP813084	-2.44	0.00030772	0.00237589	0.00035095	0.03369427	BP813084	tc|Rep: AT5g25460/F18G18_200 - Arabidopsis thaliana (Mouse-ear cress), partial (33%) [TC395524]
BX813389	3.41	0.00007897	0.00004195	0.00078859	0.03562438	BX813389	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB14ZF09 of Flowers and buds of strain col-0 of Arabidopsis thalia
BX816295	3.79	0.00001521	0.0003061	0.00050553	0.02714964	BX816295	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH3ZB09 of Hormone Treated Callus of strain col-0 of Arabidopsi
BX817656	2.17	0.04280013	0.00319914	0.00733105	0.15666824	BX817656	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTSIL35ZE11 of Silique of strain col-0 of Arabidopsis thaliana (thale c
BX818900	-2.22	0.00455275	0.04328289	0.00107209	0.06464	BX818900	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB24ZE01 of Flowers and buds of strain col-0 of Arabidopsis thalia
BX822540	-2.38	0.00311852	0.0038045	0.00055728	0.0441331	BX822540	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB47ZE02 of Flowers and buds of strain col-0 of Arabidopsis thalia
BX824487	3.61	0.00012783	0.00037974	0.00063667	0.0312256	BX824487	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH51ZC02 of Hormone Treated Callus of strain col-0 of Arabidops
BX832525	5.09	0.00008692	0.00003202	0.00018001	0.01375	BX832525	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH78ZH03 of Hormone Treated Callus of strain col-0 of Arabidops
BX833772	-2.74	0.00017014	0.00148776	0.00008381	0.01474708	AK228660	gb|Arabidopsis thaliana mRNA for hypothetical protein, partial cds, clone: RAFL16-01-F10 [AK228660]
BX839320	-2.21	0.00148331	0.00229575	0.00099027	0.06176552	BX839320	tc|Rep: Phytochrome kinase substrate 1 - Arabidopsis thaliana (Mouse-ear cress), partial (6%) [TC391660]
CB185540	2.46	0.00025955	0.00369727	0.00293123	0.08475064	CB185540	tc|Rep: Zinc finger AN1 domain-containing stress-associated protein 12 - Arabidopsis thaliana (Mouse-ear cress), partial (76%) [TC390759]
CB253198	2.37	0.02403992	0.00027379	0.00539076	0.12749477	CB253198	gb|07-E012992-019-004-M01-SP6r MPIZ-ADIS-019 Arabidopsis thaliana cDNA clone MPIZp768M014Q 3-PRIME, mRNA sequence [CB253198]
CB254228	2.7	0.00033327	0.00118503	0.00210217	0.06804581	CB254228	tc|Rep: BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (20%) [TC403
CD531672	10.1	0.00000543	0.00000543	0.00001327	0.0023622	CD531672	tc|Rep: Cysteine-rich receptor-like protein kinase 14 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (21%) [TC389601]
CF653020	2.27	0.00172033	0.01618787	0.00465325	0.11517241	NM_101771	ref|Arabidopsis thaliana uncharacterized protein (AT1G19130) mRNA, complete cds [NM_101771]
DR223395	-2.86	0.0005622	0.00041898	0.00004887	0.01067633	DR223395	gb|111643 CERES-147 Arabidopsis thaliana cDNA clone 92344 5', mRNA sequence [DR223395]
DR225970	-2.84	0.00021164	0.00386367	0.00005396	0.0114554	DR225970	tc|Rep: Phospholipid hydroperoxide glutathione peroxidase 1, chloroplast precursor - Arabidopsis thaliana (Mouse-ear cress), partial (53%) [TC39
DR281172	-2.37	0.03418177	0.00043028	0.00046506	0.03930841	DR281172	tc|Rep: Chlorophyll a-b binding protein CP26, chloroplast precursor - Arabidopsis thaliana (Mouse-ear cress), partial (58%) [TC390573]
DR283729	-2.12	0.0005252	0.01698645	0.001728	0.08511983	DR283729	gb|145221 CERES-148 Arabidopsis thaliana cDNA clone 113471 5', mRNA sequence [DR283729]
DR339542	2.26	0.00142272	0.00229575	0.00477598	0.11705691	DR339542	gb|151896 CERES-148 Arabidopsis thaliana cDNA clone 118921 5', mRNA sequence [DR339542]
DR368472	-6.37	0.00347617	0.00347617	0	0	DR368472	gb|12826078 CERES-AN65 Arabidopsis thaliana cDNA clone 1361839 5', mRNA sequence [DR368472]
EG438208	2.5	0.00094829	0.00438726	0.00292194	0.08459027	EG438208	gb|AYAFD87TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG438208]
EG479048	2.99	0.00019011	0.00049296	0.00130075	0.0491806	EG479048	gb|AYBFM47TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG479048]
EG505514	2.5	0.01324706	0.00438726	0.00340402	0.09267309	EG505514	gb|AYBGY17TF pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG505514]
EG520864	2.03	0.00935294	0.00506757	0.00819947	0.16884335	EG520864	gb|AYBKU16TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG520864]
EG525475	4.19	0.00004672	0.00000872	0.00034985	0.02137838	EG525475	gb|AYAXN56TF pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG525475]
N65547	2.27	0.00244159	0.01618787	0.00438589	0.11042873	N65547	tc|Rep: T15B16,17b protein - Arabidopsis thaliana (Mouse-ear cress), complete [TC393669]
NP221653	2.38	0.00014273	0.00435732	0.00353958	0.09482227	NM_101622	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G17600) mRNA, complete cds [NM_101622]
NP335312	3.08	0.00072406	0.0079607	0.0012437	0.0481095	NP335312	tc|GB|AL590346,1|CAC35882,1 putative protein [Arabidopsis thaliana] [NP335312]
R65132	3.43	0.00199023	0.00002368	0.00085493	0.03764362	R65132	tc|AAD15384,1 - Arabidopsis thaliana (Mouse-ear cress), partial (68%) [TC400604]
R86825	-2.84	0.0005559	0.00386367	0.00006745	0.01292373	R86825	gb|16272 Lambda-PRL2 Arabidopsis thaliana cDNA clone 141I10T7, mRNA sequence [R86825]
R90101	4.03	0.00006424	0.00005128	0.00040402	0.02394495	R90101	tc|Rep: Glutathione S-transferase - Arabidopsis thaliana (Mouse-ear cress), complete [TC395224]
TA25759_37	2.95	0.00004635	0.00013979	0.00141995	0.05207624	TA25759_37	tc|Rep: Uncharacterized protein At2g30860,2 - Arabidopsis thaliana (Mouse-ear cress), partial (39%) [TC394817]
TA26093_37	-2.87	0.00251476	0.00075516	0.0000628	0.01229437	TA26093_37	tc|Rep: PSI type II chlorophyll a/b-binding protein - Arabidopsis thaliana (Mouse-ear cress), partial (22%) [TC393336]
TA27059_37	3.74	0.00009638	0.00001651	0.00054556	0.02838895	TA27059_37	tc|Rep: Tryptophan synthase alpha chain - Arabidopsis thaliana (Mouse-ear cress), partial (28%) [TC400801]
TA27153_37	-2.2	0.00434057	0.00120547	0.00139098	0.07434988	TA27153_37	tc|Rep: Seed maturation protein - Arabidopsis thaliana (Mouse-ear cress), partial (6%) [TC388699]
TA28049_37	-2.36	0.01831564	0.01953672	0.00046086	0.0392467	TA28049_37	tc|Rep: Aquaporin PIP1-3 - Arabidopsis thaliana (Mouse-ear cress), partial (53%) [TC406263]
TA29588_37	2.81	0.00163001	0.00157817	0.00176537	0.06020362	TA29588_37	tc|Rep: At2g25510/F13B15,17 - Arabidopsis thaliana (Mouse-ear cress), partial (41%) [TC388653]
TA30916_37	2.83	0.01018698	0.00033764	0.00181889	0.06165667	TA30916_37	tc|Rep: Thioredoxin - Arabidopsis thaliana (Mouse-ear cress), partial (89%) [TC385680]
TA31885_37	-2.78	0.00197991	0.00179421	0.0000774	0.01422764	NM_148384	ref|Arabidopsis thaliana uncharacterized protein (AT4G29905) mRNA, complete cds [NM_148384]
TA32694_37	-2.23	0.01868803	0.00133724	0.00080761	0.055	TA32694_37	tc|Rep: FRO2-like protein; NADPH oxidase-like - Arabidopsis thaliana (Mouse-ear cress), partial (33%) [TC398487]
TA34369_37	2.34	0.00024535	0.00079276	0.00386776	0.10133256	TA34369_37	tc|Rep: AT3g28480/MFJ20_16 - Arabidopsis thaliana (Mouse-ear cress), partial (31%) [TC395932]
TA36674_37	-2.44	0.00255524	0.00237589	0.00037528	0.03477459	TA36674_37	tc|Rep: Farnesylated protein - Arabidopsis thaliana (Mouse-ear cress), partial (71%) [TC389917]
TA36920_37	2.12	0.00556753	0.00609669	0.006251	0.14014378	TA36920_37	tc|Rep: Probable cyclic nucleotide-gated ion channel 12 - Arabidopsis thaliana (Mouse-ear cress), partial (4%) [TC398477]
TA42103_37	2.98	0.00012124	0.0001524	0.00136444	0.05094963	NM_104600	ref|Arabidopsis thaliana receptor like protein 9 (RLP9) mRNA, complete cds [NM_104600]
TA44869_37	4.14	0.04970205	0.00093157	0.00046705	0.02591411	TA44869_37	tc|Rep: At1g08940 - Arabidopsis thaliana (Mouse-ear cress), complete [TC393353]
TA47679_37	3.2	0.00012736	0.00012736	0.00100287	0.04202966	NM_124690	ref|Arabidopsis thaliana RING/U-box domain-containing protein-like protein (AT5G53110) mRNA, complete cds [NM_124690]
TA48850_37	-2.86	0.00034016	0.00041898	0.00004224	0.01032432	NM_101310	ref|Arabidopsis thaliana glyoxal oxidase-related protein (AT1G14430) mRNA, complete cds [NM_101310]
TA50727_37	4.93	0.004034	0.00005139	0.00020124	0.01484502	TA50727_37	tc|Rep: Glutathione S-transferase - Arabidopsis thaliana (Mouse-ear cress), partial (50%) [TC391473]
TA50784_37	-2.18	0.00031909	0.00094829	0.00127665	0.07144802	TA50784_37	tc|Rep: Protein TIFY 8 - Arabidopsis thaliana (Mouse-ear cress), partial (26%) [TC391054]
TA51700_37	3.41	0.00771676	0.00004195	0.00102565	0.04262868	NM_001203	ref|Arabidopsis thaliana alpha/beta-hydrolase-like protein (AT4G22305) mRNA, complete cds [NM_001203868]
TC303451	2.67	0.00053923	0.00014262	0.00219881	0.06997185	NP453103	tc|GB|AC007178,6|AAD28685,1 hypothetical protein [Arabidopsis thaliana] [NP453103]
TC309672	-2.87	0.0005069	0.00075516	0.00004047	0.01039773	TC396511	tc|Rep: Hydroxypyruvate reductase - Arabidopsis thaliana (Mouse-ear cress), partial (14%) [TC396511]
TC310910	2.54	0.000235	0.0004648	0.00261256	0.07818663	TC397804	tc|Rep: Probable CDP-diacylglycerol--inositol 3-phosphatidyltransferase 2 - Arabidopsis thaliana (Mouse-ear cress), partial (23%) [TC397804]
TC311632	-3.13	0.0052852	0.00062298	0.00001261	0.00522936	TC398683	tc|Rep: Fasciclin-like arabinogalactan protein 9 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (31%) [TC398683]
TC313662	-2.44	0.001236	0.00237589	0.00037705	0.03479592	TC403018	tc|Rep: F1N19,21 - Arabidopsis thaliana (Mouse-ear cress), complete [TC403018]

Supplemental Table S6: Genes differentially expressed in Col-0 wild-type plants in response to *Pc* BMM.
Expression levels of the 2359 differentially expressed genes in Col-0 PcBMM-inoculated plants respect to Col-0 mock-treated plants.
Dark grey: genes differentially expressed exclusively in Col-0 in response to PcBMM. Light gray: genes differentially expressed in both arr6-3 and Col-0 plants in response to PcBMM.

ID	Fold Change	pval (limma)	FDR (limma)	pval (RankProd	FDR (RankProd	Systematic Name	Description
AK221530	-2.19	0.00045032	0.01428029	0.00395334	0.24125506	AK221530	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL07-68-H12 [AK221530]
AK226752	2.85	0.0004901	0.01500493	0.00235073	0.08843594	NM_105624	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G69550) mRNA, complete cds [NM_105624]
AK228504	10.59	0.00000169	0.00029315	0.00001283	0.00231076	NM_0012026	ref|Arabidopsis thaliana uncharacterized protein (AT2G27389) mRNA, complete cds [NM_001202690]
AT1G01010	2.54	0.00010184	0.0049096	0.00351061	0.11562272	NM_099983	ref|Arabidopsis thaliana NAC domain-containing protein 1 (NAC001) mRNA, complete cds [NM_099983]
AT1G01190	-2.3	0.00277005	0.04689684	0.00176891	0.18097285	NM_100001	ref|Arabidopsis thaliana cytochrome P450, family 78, subfamily A, polypeptide 8 (CYP78A8) mRNA, complete cds [NM_100001]
AT1G01340	12.37	0.00000235	0.00035598	0.00000531	0.0012766	NM_0011979	ref|Arabidopsis thaliana cyclic nucleotide gated channel (CNGC10) mRNA, complete cds [NM_001197956]
AT1G01480	2.58	0.008726	0.09802794	0.00521296	0.15198582	NM_100030	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 2 (ACS2) mRNA, complete cds [NM_100030]
AT1G01560	16.63	0.00000088	0.00021092	0.00000111	0.00041667	NM_0011237	ref|Arabidopsis thaliana mitogen-activated protein kinase 11 (MPK11) mRNA, complete cds [NM_001123738]
AT1G01620	-2.48	0.00021149	0.00831949	0.00102278	0.14274691	NM_100044	ref|Arabidopsis thaliana aquaporin PIP1-3 (PIP1C) mRNA, complete cds [NM_100044]
AT1G01680	9.15	0.00000029	0.00012521	0.00002565	0.00382838	NM_100050	ref|Arabidopsis thaliana U-box domain-containing protein 54 (PUB54) mRNA, complete cds [NM_100050]
AT1G01720	3.09	0.00051337	0.01547653	0.00177023	0.07250906	NM_100054	ref|Arabidopsis thaliana NAC domain-containing protein 2 (ATAF1) mRNA, complete cds [NM_100054]
AT1G02220	2.15	0.00654104	0.08188976	0.0104257	0.24440124	NM_100103	ref|Arabidopsis thaliana NAC domain-containing protein 3 (NAC003) mRNA, complete cds [NM_100103]
AT1G02230	12.38	0.00000005	0.0000859	0.00000641	0.00140097	NM_100104	ref|Arabidopsis thaliana NAC domain-containing protein 4 (NAC004) mRNA, complete cds [NM_100104]
AT1G02340	-2.09	0.00906902	0.10029374	0.00388921	0.2396049	NM_100115	ref|Arabidopsis thaliana transcription factor HFR1 (HFR1) mRNA, complete cds [NM_100115]
AT1G02350	-2.37	0.00837345	0.09530513	0.00129014	0.15474801	NM_100116	ref|Arabidopsis thaliana protoporphyrinogen oxidase-like protein (AT1G02350) mRNA, complete cds [NM_100116]
AT1G02360	11.5	0.00000195	0.00031415	0.00000862	0.00172566	NM_100117	ref|Arabidopsis thaliana putative chitinase (AT1G02360) mRNA, complete cds [NM_100117]
AT1G02400	4.99	0.0000025	0.00037199	0.00019438	0.01539405	NM_100121	ref|Arabidopsis thaliana gibberellin 2-oxidase 6 (GA2OX6) mRNA, complete cds [NM_100121]
AT1G02450	12.42	0.00000275	0.00038805	0.00000641	0.00142857	NM_100126	ref|Arabidopsis thaliana protein NIM1-interacting 1 (NIMIN1) mRNA, complete cds [NM_100126]
AT1G02470	2.44	0.00043943	0.01398382	0.00493189	0.14711082	NM_100128	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF113 (Rap2.6L) mRNA, complete cds [NM_121336]
AT1G02850	7.31	0.00000287	0.00039741	0.00004843	0.00571802	NM_202017	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT1G02470) mRNA, complete cds [NM_100128]
AT1G02920	49.6	0.00000142	0.00027178	0	0	NM_100173	ref|Arabidopsis thaliana beta glucosidase 11 (BGLU11) mRNA, complete cds [NM_202017]
AT1G02930	40.22	0.00000024	0.00011737	0	0	NM_0011979	ref|Arabidopsis thaliana glutathione S-transferase 11 (GSTF7) mRNA, complete cds [NM_100173]
AT1G03030	2.08	0.00574072	0.0753324	0.0116172	0.2642505	NM_100184	ref|Arabidopsis thaliana transaldolase (AT5G13420) mRNA, complete cds [NM_121345]
AT1G03090	-2.61	0.00877477	0.09841153	0.00038501	0.08928205	NM_179252	ref|Arabidopsis thaliana glutathione S-transferase 1 (GSTF6) mRNA, complete cds [NM_001197964]
AT1G03210	3.54	0.00002766	0.00186954	0.0008368	0.04246914	NM_100203	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT1G03030) mRNA, complete cds [NM_100184]
AT1G03230	3.62	0.00078943	0.02112321	0.0008828	0.04430633	NM_100205	ref|Arabidopsis thaliana methylcrotonoyl-CoA carboxylase subunit alpha (MCCA) mRNA, complete cds [NM_179252]
AT1G03290	2.44	0.00173815	0.03526872	0.0051904	0.15142581	NM_100211	ref|Arabidopsis thaliana Phenazine biosynthesis PhzC/PhzF protein (AT1G03210) mRNA, complete cds [NM_100203]
AT1G03310	-2.19	0.00183186	0.03644376	0.00302565	0.21546457	NM_202022	ref|Arabidopsis thaliana aspartyl protease-like protein (AT1G03230) mRNA, complete cds [NM_100205]
AT1G03370	2.34	0.00228701	0.041979	0.00618001	0.17314746	NM_100219	ref|Arabidopsis thaliana uncharacterized protein (AT1G03290) mRNA, complete cds [NM_100211]
AT1G03730	2.13	0.00041051	0.01330694	0.00849713	0.21346667	NM_100252	ref|Arabidopsis thaliana ADP,ATP carrier protein 2 (AAC2) mRNA, complete cds [NM_121352]
AT1G03740	2.21	0.00017356	0.00721187	0.00688854	0.18530637	NM_0010358	ref|Arabidopsis thaliana Isoamylase 2 (DBE1) mRNA, complete cds [NM_202022]
AT1G03850	8.34	0.00000025	0.00011737	0.00003406	0.00461078	NM_100265	ref|Arabidopsis thaliana C2 calcium/lipid-binding and GRAM domain containing protein (AT1G03370) mRNA, complete cds [NM_100219]
AT1G03870	-2.14	0.00048426	0.01490698	0.00501636	0.27036949	NM_100267	ref|Arabidopsis thaliana uncharacterized protein (AT1G03730) mRNA, complete cds [NM_100252]
AT1G04240	-3.4	0.00089047	0.02299309	0.00001614	0.01280702	NM_100305	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G03740) mRNA, complete cds [NM_001035873]
AT1G04350	-2.65	0.00009281	0.00457653	0.00052123	0.1038326	NM_100315	ref|Arabidopsis thaliana monothiol glutaredoxin-S13 (AT1G03850) mRNA, complete cds [NM_100265]
AT1G04660	-2.05	0.00566968	0.07487818	0.00715215	0.31707843	NM_100346	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 9 (FLA9) mRNA, complete cds [NM_100267]
AT1G04770	2.65	0.00048549	0.01492459	0.00307629	0.10643458	NM_100355	ref|Arabidopsis thaliana protein ELC-like protein (ELC-Like) mRNA, complete cds [NM_121389]
AT1G04980	3.67	0.00002711	0.00184374	0.00072335	0.03852768	NM_100376	ref|Arabidopsis thaliana auxin-responsive protein IAA3 (SHY2) mRNA, complete cds [NM_100305]
AT1G05000	3.24	0.0003306	0.01143806	0.0012793	0.05744786	NM_0011608	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT1G04350) mRNA, complete cds [NM_100315]
AT1G05340	5.5	0.00040328	0.01319566	0.00020367	0.01587931	NM_100413	ref|Arabidopsis thaliana glycine-rich protein (AT1G04660) mRNA, complete cds [NM_100346]
AT1G05450	-2.04	0.0019209	0.03752186	0.00674458	0.31089704	NM_202034	ref|Arabidopsis thaliana uncharacterized protein (AT5G14090) mRNA, complete cds [NM_121412]
AT1G05540	-2.02	0.00216127	0.04055296	0.00827001	0.32890941	NM_100433	ref|Arabidopsis thaliana male sterility MS5 family protein (AT1G04770) mRNA, complete cds [NM_100355]
AT1G05570	2.14	0.00465463	0.06612704	0.00991508	0.23647679	NM_100436	ref|Arabidopsis thaliana protein disulfide-isomerase A6 (PDIL2-2) mRNA, complete cds [NM_100376]
AT1G05575	10.54	0.00000022	0.00011737	0.00001327	0.00234375	NM_100437	ref|Arabidopsis thaliana putative tyrosine-protein phosphatase (AT1G05000) mRNA, complete cds [NM_001160832]
AT1G05680	14.29	0.00000894	0.00085581	0.0000031	0.00088608	NM_100448	ref|Arabidopsis thaliana uncharacterized protein (AT1G05340) mRNA, complete cds [NM_100413]
AT1G05710	2.5	0.00269977	0.04626126	0.00462362	0.14013405	NM_179266	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT1G05450) mRNA, complete cds [NM
AT1G06080	-3.36	0.00025685	0.0096229	0.00001681	0.01288136	NM_100489	ref|Arabidopsis thaliana uncharacterized protein (AT1G05540) mRNA, complete cds [NM_100433]
AT1G06100	-2.19	0.0009962	0.02484723	0.00357961	0.22992898	NM_100491	ref|Arabidopsis thaliana callose synthase 1 (CALS1) mRNA, complete cds [NM_100436]
AT1G06135	4.85	0.00000201	0.00031815	0.00021274	0.01630508	NM_202039	ref|Arabidopsis thaliana uncharacterized protein (AT1G05575) mRNA, complete cds [NM_100437]
AT1G06160	5	0.00047843	0.01481191	0.0002751	0.01955975	NM_100497	ref|Arabidopsis thaliana Uridine diphosphate glycosyltransferase 74E2 (UGT74E2) mRNA, complete cds [NM_100448]
AT1G06620	2.56	0.00203339	0.03901643	0.00400619	0.12668531	NM_100539	ref|Arabidopsis thaliana basic helix-loop-helix domain-containing protein (AT1G05710) mRNA, complete cds [NM_179266]
AT1G06980	-3.91	0.00001861	0.00143183	0.00000287	0.00541667	NM_100571	ref|Arabidopsis thaliana delta-9 acyl-lipid desaturase 1 (ADS1) mRNA, complete cds [NM_100489]
AT1G07000	9.94	0.00004791	0.00278442	0.00001592	0.00266667	NM_100573	ref|Arabidopsis thaliana delta-9 desaturase-like 2 protein (AT1G06100) mRNA, complete cds [NM_100491]
AT1G07135	11.23	0.00000039	0.00013983	0.00000774	0.00159091	NM_100587	ref|Arabidopsis thaliana uncharacterized protein (AT1G06135) mRNA, complete cds [NM_202039]
AT1G07160	7.34	0.00002696	0.00183615	0.00005882	0.00670025	NM_100590	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF094 (ORA59) mRNA, complete cds [NM_100497]
AT1G07220	2.09	0.00115325	0.02728929	0.01022932	0.2411731	NM_100596	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate oxidase-1 (AT1G06620) mRNA, complete cds [NM_100539]
AT1G07260	2.82	0.00111912	0.02667721	0.00247899	0.09173486	NM_100600	ref|Arabidopsis thaliana uncharacterized protein (AT5G14330) mRNA, complete cds [NM_121437]
AT1G07400	3.88	0.00737697	0.08816457	0.00111676	0.05271399	NM_100614	ref|Arabidopsis thaliana uncharacterized protein (AT1G06980) mRNA, complete cds [NM_100571]
AT1G07450	-2.01	0.00949648	0.10307986	0.00598739	0.29493464	NM_100619	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70B2) mRNA, complete cds [NM_100573]
AT1G07520	2.28	0.00040963	0.01330694	0.00634631	0.17584559	NM_100626	ref|Arabidopsis thaliana glycine-rich protein (AT1G07135) mRNA, complete cds [NM_100587]
AT1G07620	11.43	0.00000188	0.00031058	0.00000951	0.00181435	NM_100635	ref|Arabidopsis thaliana putative protein phosphatase 2C 2 (AT1G07160) mRNA, complete cds [NM_100590]
AT1G07630	2.63	0.00007597	0.00393532	0.00293034	0.10288043	NM_100636	ref|Arabidopsis thaliana uncharacterized protein (AT1G07220) mRNA, complete cds [NM_100596]
AT1G07780	2.53	0.00095226	0.02415109	0.00390602	0.12465067	NM_0011237	ref|Arabidopsis thaliana UDP-glucosyl transferase 71C3 (UGT71C3) mRNA, complete cds [NM_100600]
AT1G07900	3.93	0.00012125	0.00562328	0.00054423	0.03135032	NM_100664	ref|Arabidopsis thaliana class I heat shock protein (AT1G07400) mRNA, complete cds [NM_100614]
AT1G08050	2.93	0.0001562	0.00669508	0.00180916	0.07376916	NM_100679	ref|Arabidopsis thaliana tropine dehydrogenase (AT1G07450) mRNA, complete cds [NM_100619]
AT1G08450	3.53	0.0000086	0.00082882	0.00075697	0.03998832	NM_202064	ref|Arabidopsis thaliana GRAS family transcription factor (AT1G07520) mRNA, complete cds [NM_100626]
AT1G08550	-2.05	0.00259308	0.0451518	0.00687815	0.31259296	NM_100728	ref|Arabidopsis thaliana GTP-binding protein Obg/CgtA (ATOBGM) mRNA, complete cds [NM_100635]
AT1G08830	2.13	0.00077862	0.02095775	0.00920234	0.22566703	NM_100757	ref|Arabidopsis thaliana uncharacterized protein (AT5G14410) mRNA, complete cds [NM_121445]
AT1G08930	2.25	0.00679297	0.08369977	0.00799425	0.20539773	NM_0010359	ref|Arabidopsis thaliana putative protein phosphatase 2C 4 (PLL5) mRNA, complete cds [NM_100636]
AT1G08940	3.21	0.00007372	0.00384919	0.00128837	0.05774034	NM_100766	ref|Arabidopsis thaliana phosphoribosylanthranilate isomerase (PAI1) mRNA, complete cds [NM_001123771]
AT1G09070	2.78	0.00109446	0.02635339	0.00269195	0.09769663	NM_100778	ref|Arabidopsis thaliana LOB domain-containing protein 1 (LBD1) mRNA, complete cds [NM_100664]
AT1G09080	2.04	0.00591176	0.07673072	0.01462074	0.31069079	NM_100779	ref|Arabidopsis thaliana C3HC4-type RING finger-containing protein (AT1G08050) mRNA, complete cds [NM_100679]
AT1G09195	2.24	0.00731519	0.0876737	0.00814971	0.20750563	NM_0011980	ref|Arabidopsis thaliana uncharacterized protein (AT5G14690) mRNA, complete cds [NM_121473]
AT1G09210	2.73	0.000701	0.0195373	0.00271119	0.09823718	NM_100791	ref|Arabidopsis thaliana calreticulin-3 (CRT3) mRNA, complete cds [NM_202064]
AT1G09500	2.43	0.00520675	0.07117966	0.00621782	0.17388374	NM_179294	ref|Arabidopsis thaliana Violaxanthin de-epoxidase (NPQ1) mRNA, complete cds [NM_100728]
AT1G09560	4.52	0.0000033	0.00043517	0.00027974	0.01976563	NM_100827	ref|Arabidopsis thaliana Superoxide dismutase [Cu-Zn] (CSD1) mRNA, complete cds [NM_100757]
AT1G09740	3	0.00005276	0.00299371	0.00151283	0.06459868	NM_100846	ref|Arabidopsis thaliana sugar transporter ERD6 (ERD6) mRNA, complete cds [NM_001035929]
AT1G09932	9.88	0.00000043	0.00014614	0.00001725	0.00282609	NM_0010840	ref|Arabidopsis thaliana Phosphoglycerate mutase-like protein (AT1G08940) mRNA, complete cds [NM_100766]
AT1G09970	5.85	0.00000267	0.00038105	0.00011345	0.01046939	NM_100871	ref|Arabidopsis thaliana uncharacterized protein (SRC2) mRNA, complete cds [NM_100778]
AT1G10000	-2.31	0.00426471	0.06266464	0.00176095	0.18056689	NM_100874	ref|Arabidopsis thaliana Hsp70 protein BiP chaperone BIP-L (BIP3) mRNA, complete cds [NM_100779]
AT1G10040	2.95	0.00070338	0.0195494	0.00200509	0.07898084	NM_100878	ref|Arabidopsis thaliana uncharacterized protein (AT1G09195) mRNA, complete cds [NM_001198017]
AT1G10050	2.49	0.00071824	0.0198162	0.00400265	0.126662	NM_100879	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT5G14700) mRNA, complete cds [NM_121474]
AT1G10140	2.31	0.00012753	0.00582526	0.00536488	0.1553137	NM_100888	ref|Arabidopsis thaliana calreticulin-2 (CRT1b) mRNA, complete cds [NM_100791]
AT1G10340	14.38	0.00000353	0.00045304	0.00000376	0.00104294	NM_100908	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT1G09500) mRNA, complete cds [NM_179294]
AT1G10360	-2.38	0.00025726	0.00963022	0.00163667	0.17414118	NM_100910	ref|Arabidopsis thaliana germin-like protein subfamily 2 member 1 (GLP5) mRNA, complete cds [NM_100827]
AT1G10370	-2.38	0.00222898	0.04141103	0.00109774	0.14472303	NM_100911	ref|Arabidopsis thaliana adenine nucleotide alpha hydrolases-like protein (AT1G09740) mRNA, complete cds [NM_100846]
AT1G10380	-2.1	0.00142128	0.03112945	0.00583658	0.29228128	NM_100912	ref|Arabidopsis thaliana uncharacterized protein (AT5G14730) mRNA, complete cds [NM_121477]
AT1G10417	2.01	0.0067404	0.08339286	0.0127992	0.28288368	TC379408	ref|Arabidopsis thaliana senescence-associated protein 101 (SAG101) mRNA, complete cds [NM_001085116]
AT1G10560	2.9	0.00007438	0.00387961	0.00194361	0.07757282	NM_100931	ref|Arabidopsis thaliana protein banquo 2 (BNQ2) mRNA, complete cds [NM_121520]
AT1G10700	2.54	0.00024798	0.0093918	0.0034226	0.11388521	NM_100946	ref|Arabidopsis thaliana Phosphoglycerate mutase family protein (AT1G09932) mRNA, complete cds [NM_001084031]
AT1G11070	-2.49	0.00342309	0.05393925	0.00067138	0.11676923	NM_100980	ref|Arabidopsis thaliana homeobox protein 30 (HB30) mRNA, complete cds [NM_121525]
AT1G11310	2.07	0.00790971	0.09223238	0.01202565	0.27162837	NM_0011237	ref|Arabidopsis thaliana leucine-rich receptor-like protein kinase (LRR XI-23) mRNA, complete cds [NM_100871]
AT1G11330	4.58	0.00002121	0.00156965	0.00025829	0.01886914	NM_0011980	ref|Arabidopsis thaliana Ribonuclease H-like protein (AT1G10000) mRNA, complete cds [NM_100874]
AT1G11380	-2.56	0.00208509	0.0396001	0.00048607	0.10175926	NM_101011	ref|Arabidopsis thaliana putative serine esterase type enzyme with an alpha/beta hydrolase fold-containing protein (AT1G10040) mRNA, complet
AT1G11545	-3.02	0.00011723	0.00547644	0.00009089	0.03637168	NM_101028	ref|Arabidopsis thaliana glycosyl hydrolase and carbohydrate-binding domain-containing protein (AT1G10050) mRNA, complete cds [NM_1008
AT1G11740	-3.45	0.00095538	0.02418944	0.00001614	0.01258621	NM_101046	ref|Arabidopsis thaliana uncharacterized protein (AT1G10140) mRNA, complete cds [NM_100888]
AT1G11803	-2.9	0.00034851	0.01184925	0.00012251	0.04328125	A_84_P75187	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT1G10340) mRNA, complete cds [NM_100908]
AT1G11850	-2.04	0.00253511	0.04462344	0.00726603	0.31776596	NM_0010840	ref|Arabidopsis thaliana glutathione S-transferase TAU 18 (GSTU18) mRNA, complete cds [NM_100910]
AT1G11860	-2.01	0.0027215	0.04643024	0.00872733	0.33587234	NM_0011980	ref|Arabidopsis thaliana glutathione S-transferase (ERD9) mRNA, complete cds [NM_100911]
AT1G11940	2.21	0.00031721	0.01111962	0.00684896	0.18501195	NM_101066	ref|Arabidopsis thaliana gibberellin-regulated protein 4 (GASA4) mRNA, complete cds [NM_121527]
AT1G12010	-2.84	0.00006456	0.00349199	0.00019372	0.05801325	NM_101073	ref|Arabidopsis thaliana Putative membrane lipoprotein (AT1G10380) mRNA, complete cds [NM_100912]
AT1G12080	-2.39	0.0018958	0.03717813	0.00130009	0.15511873	NM_101080	Unknown
AT1G12090	-2.19	0.00064834	0.01843885	0.00403782	0.24345333	NM_101081	ref|Arabidopsis thaliana U-box domain-containing protein 18 (PUB18) mRNA, complete cds [NM_100931]
AT1G12200	4.97	0.00000478	0.00054627	0.00019261	0.01536155	NM_101092	ref|Arabidopsis thaliana ribose-phosphate pyrophosphokinase 3 (PRS3) mRNA, complete cds [NM_100946]
AT1G12290	2.21	0.00709587	0.08600249	0.00986886	0.23599683	NM_0011608	ref|Arabidopsis thaliana uncharacterized protein (AT1G11070) mRNA, complete cds [NM_100980]
AT1G12330	-2.2	0.00098215	0.02459238	0.00372291	0.23414465	NM_101105	ref|Arabidopsis thaliana MLO-like protein 2 (MLO2) mRNA, complete cds [NM_001123796]
AT1G12760	2.14	0.00321536	0.05174319	0.00923817	0.22581081	NM_101146	ref|Arabidopsis thaliana cyclic nucleotide-gated ion channel 2 (DND1) mRNA, complete cds [NM_203054]
AT1G12780	-2.36	0.00185208	0.03671684	0.0013912	0.15967005	NM_101148	ref|Arabidopsis thaliana biotin carboxyl carrier protein of acetyl-CoA carboxylase 2 (BCCP2) mRNA, complete cds [NM_121557]
AT1G12860	-2.16	0.00916281	0.10076419	0.00308116	0.21635093	NM_101157	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT1G11330) mRNA, complete cds [NM_001198033]
AT1G12880	2.1	0.00203068	0.0389925	0.01037329	0.24367792	NM_101159	ref|Arabidopsis thaliana PLAC8 family protein (AT1G11380) mRNA, complete cds [NM_101011]
AT1G13110	2.26	0.00660341	0.0823969	0.00879611	0.2186696	NM_101181	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT5G15780) mRNA, complete cds [NM_121583]
AT1G13210	4.27	0.00022784	0.00882095	0.00047059	0.02826029	NM_101192	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH8) mRNA, complete cds [NM_101028]

AT1G13260	2.25	0.00019862	0.00794124	0.00636555	0.17605505	NM_101197	ref|Arabidopsis thaliana prenylcysteine methylesterase (PCME) mRNA, complete cds [NM_203057]
AT1G13340	6.08	0.00001308	0.00112466	0.00008779	0.00878319	NM_101205	ref|Arabidopsis thaliana ankyrin repeats-containing protein (AT1G11740) mRNA, complete cds [NM_101046]
AT1G13470	27.68	0.00000072	0.00018797	0	0	NM_101217	Unknown
AT1G13520	17.46	0.00000003	0.00008493	0.00000088	0.00036364	NM_101222	ref|Arabidopsis thaliana uncharacterized protein (AT1G11850) mRNA, complete cds [NM_001084052]
AT1G13650	-2.06	0.00512144	0.07054265	0.00559863	0.28704082	NM_179324	ref|Arabidopsis thaliana glycosyl hydrolase family 81 protein (AT5G15870) mRNA, complete cds [NM_121592]
AT1G13750	3.46	0.00001005	0.00093203	0.0008766	0.04409344	NM_101243	ref|Arabidopsis thaliana aminomethyltransferase (AT1G11860) mRNA, complete cds [NM_001198040]
AT1G13830	3.48	0.00024305	0.00925908	0.0009843	0.0480151	NM_101251	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT1G11940) mRNA, complete cds [NM_
AT1G13990	2.28	0.00242437	0.04341776	0.00755882	0.19666858	NM_0011608	ref|Arabidopsis thaliana aminocyclopropanecarboxylate oxidase (AT1G12010) mRNA, complete cds [NM_101073]
AT1G14010	2.13	0.00043856	0.01396606	0.00871871	0.21722314	NM_101267	ref|Arabidopsis thaliana Vacuolar calcium-binding protein-like protein (AT1G12080) mRNA, complete cds [NM_101080]
AT1G14030	-2.36	0.00024845	0.00940162	0.00186975	0.18143777	NM_101269	ref|Arabidopsis thaliana stress-induced protein KIN1 (KIN1) mRNA, complete cds [NM_121601]
AT1G14070	2.65	0.00010587	0.00506092	0.00299138	0.10421418	NM_101272	ref|Arabidopsis thaliana extensin-like protein (ELP) mRNA, complete cds [NM_101081]
AT1G14150	-2.43	0.00317501	0.05138507	0.00097169	0.13861199	NM_202091	ref|Arabidopsis thaliana dimethylaniline monooxygenase (N-oxide forming) (AT1G12200) mRNA, complete cds [NM_101092]
AT1G14170	2.64	0.00038041	0.0126765	0.00317094	0.10846445	NM_0011238	ref|Arabidopsis thaliana CC-NBS-LRR class disease resistance protein (AT1G12290) mRNA, complete cds [NM_001160857]
AT1G14270	-2.49	0.00722897	0.08697431	0.00081601	0.12424242	NM_202094	ref|Arabidopsis thaliana stress-induced protein KIN2 (KIN2) mRNA, complete cds [NM_121602]
AT1G14280	-2.22	0.00642613	0.08084552	0.00252079	0.20104056	NM_101294	ref|Arabidopsis thaliana uncharacterized protein (AT1G12330) mRNA, complete cds [NM_101105]
AT1G14290	-2.34	0.00015083	0.00652684	0.00202521	0.18804928	NM_101295	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase (AT1G12760) mRNA, complete cds [NM_101146]
AT1G14350	-2.24	0.00169675	0.03482846	0.00281933	0.20797716	NM_0010840	ref|Arabidopsis thaliana uncharacterized protein (AT5G16030) mRNA, complete cds [NM_001036812]
AT1G14360	3.66	0.00002662	0.00181835	0.00066696	0.03629362	NM_101303	ref|Arabidopsis thaliana UDP-D-glucose/UDP-D-galactose 4-epimerase 1 (UGE1) mRNA, complete cds [NM_101148]
AT1G14370	5.45	0.00000312	0.00042614	0.00013644	0.01195736	NM_101304	ref|Arabidopsis thaliana uncharacterized basic helix-loop-helix protein (SCRM2) mRNA, complete cds [NM_101157]
AT1G14540	12.65	0.00003156	0.00203815	0.00000442	0.0011236	NM_101321	ref|Arabidopsis thaliana nudix hydrolase 12 (NUDT12) mRNA, complete cds [NM_101159]
AT1G14700	-2.03	0.00266089	0.04589077	0.00713534	0.31664377	NM_101339	ref|Arabidopsis thaliana cytochrome P450 71B7 (CYP71B7) mRNA, complete cds [NM_101181]
AT1G14840	-2.02	0.00108002	0.02608895	0.00897391	0.3390142	NM_101353	ref|Arabidopsis thaliana carboxyesterase 17 (CXE17) mRNA, complete cds [NM_121613]
AT1G14870	24.87	0.00000067	0.00018233	0	0	NM_101356	ref|Arabidopsis thaliana phospholipid-translocating ATPase (ACA.l) mRNA, complete cds [NM_101192]
AT1G14880	27.41	0.00000018	0.00010427	0	0	NM_101357	ref|Arabidopsis thaliana AP2/ERF and B3 domain-containing transcription factor RAV1 (RAV1) mRNA, complete cds [NM_101197]
AT1G15010	7.95	0.00001325	0.0011344	0.00003981	0.00511364	NM_101370	ref|Arabidopsis thaliana Regulator of Vps4 activity in the MVB pathway protein (AT1G13340) mRNA, complete cds [NM_101205]
AT1G15125	2.74	0.0008712	0.02257643	0.00285161	0.10113725	NM_148466	ref|Arabidopsis thaliana uncharacterized protein (AT1G13470) mRNA, complete cds [NM_101217]
AT1G15260	-2.36	0.000751	0.02048274	0.00149425	0.16642857	NM_101394	ref|Arabidopsis thaliana uncharacterized protein (AT1G13520) mRNA, complete cds [NM_101222]
AT1G15415	4.8	0.00002487	0.00173428	0.00025077	0.01846906	NM_101411	ref|Arabidopsis thaliana uncharacterized protein (AT1G13650) mRNA, complete cds [NM_179324]
AT1G15430	3.25	0.00002186	0.00160199	0.0010962	0.05212408	NM_202106	ref|Arabidopsis thaliana putative inactive purple acid phosphatase 1 (AT1G13750) mRNA, complete cds [NM_101243]
AT1G15520	70.7	0.00000014	0.00009777	0	0	NM_101421	ref|Arabidopsis thaliana carbohydrate-binding X8 domain-containing protein (AT1G13830) mRNA, complete cds [NM_101251]
AT1G15670	4.37	0.00048939	0.01500493	0.00046793	0.02817577	NM_101435	ref|Arabidopsis thaliana uncharacterized protein (AT1G13990) mRNA, complete cds [NM_001160863]
AT1G15790	3.59	0.00013069	0.00589809	0.00085029	0.04286511	NM_101447	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT1G14010) mRNA, complete cds [NM_101267]
AT1G15830	-2.47	0.00414089	0.06135356	0.00067514	0.11652672	NM_101451	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT5G16170) mRNA, complete cds [NM_
AT1G16090	7.22	0.0001036	0.00496294	0.00003981	0.00508475	NM_101477	ref|Arabidopsis thaliana [ribulose-bisphosphate carboxylase]-lysine N-methyltransferase (AT1G14030) mRNA, complete cds [NM_101269]
AT1G16110	3.37	0.00074749	0.02042378	0.00111544	0.05276151	NM_101478	ref|Arabidopsis thaliana fucosyltransferase 7 (FUT7) mRNA, complete cds [NM_101272]
AT1G16130	2.79	0.00026127	0.00974859	0.00236002	0.08856432	NM_101480	ref|Arabidopsis thaliana photosystem II oxygen-evolving enhancer protein (PQL2) mRNA, complete cds [NM_202091]
AT1G16170	-2.32	0.00140308	0.03087955	0.00182685	0.18196035	NM_101484	ref|Arabidopsis thaliana thioredoxin F2 (TRXF2) mRNA, complete cds [NM_121645]
AT1G16330	-2.02	0.0033474	0.05318671	0.00850752	0.3313609	NM_101499	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 57 (ZFN3) mRNA, complete cds [NM_121660]
AT1G16420	13.76	0.00000069	0.00018495	0.00000376	0.00101796	NM_101508	ref|Arabidopsis thaliana RNA-binding KH domain-containing protein (AT1G14170) mRNA, complete cds [NM_001123810]
AT1G16530	-2.07	0.00106044	0.0257813	0.00692216	0.31364729	NM_101518	ref|Arabidopsis thaliana putative inactive receptor kinase (LRR1) mRNA, complete cds [NM_121665]
AT1G16670	2.77	0.00002851	0.00190715	0.00227046	0.08634987	NM_101527	ref|Arabidopsis thaliana CAAX amino terminal motif-containing protease (AT1G14270) mRNA, complete cds [NM_202094]
AT1G16750	-2.32	0.00346363	0.05444052	0.0015544	0.1701937	NM_101536	ref|Arabidopsis thaliana uncharacterized protein (AT5G16610) mRNA, complete cds [NM_203062]
AT1G16850	-2.15	0.00064739	0.01842364	0.00470389	0.26260494	NM_101546	ref|Arabidopsis thaliana phytochrome kinase substrate 2 (PKS2) mRNA, complete cds [NM_101294]
AT1G16960	-2.11	0.00861242	0.09702384	0.00495975	0.2698917	NM_101557	ref|Arabidopsis thaliana ADP-ribosylation factor B1B (ARFB1B) mRNA, complete cds [NM_121712]
AT1G17147	3.12	0.00013216	0.00594055	0.00141353	0.06169884	NM_0011238	ref|Arabidopsis thaliana sphingoid base hydroxylase 2 (SBH2) mRNA, complete cds [NM_101295]
AT1G17170	2.59	0.00080243	0.0213573	0.0035931	0.11722944	NM_101578	ref|Arabidopsis thaliana FOUR LIPS transcription factor R2R3-MYB (FLP) mRNA, complete cds [NM_001084065]
AT1G17250	2.1	0.00222189	0.0413133	0.01027245	0.24206357	NM_101586	ref|Arabidopsis thaliana UDP-galactose transporter 3 (UTR3) mRNA, complete cds [NM_101303]
AT1G17290	2.14	0.00361644	0.05598611	0.00926382	0.22607124	NM_101591	ref|Arabidopsis thaliana protein kinase 2A (APK2A) mRNA, complete cds [NM_101304]
AT1G17420	4	0.00003119	0.00202958	0.00047391	0.02838411	NM_101603	ref|Arabidopsis thaliana peroxidase 4 (AT1G14540) mRNA, complete cds [NM_101321]
AT1G17590	2.26	0.00054653	0.0162485	0.00671053	0.18269115	NM_202122	ref|Arabidopsis thaliana uncharacterized protein (AT5G17165) mRNA, complete cds [NM_001085128]
AT1G17610	3.42	0.0000235	0.00167848	0.00093432	0.04617486	NM_101623	ref|Arabidopsis thaliana purple acid phosphatase 3 (PAP3) mRNA, complete cds [NM_101339]
AT1G17650	-2.16	0.00120822	0.02810482	0.00408934	0.24557769	NM_101628	ref|Arabidopsis thaliana microtubule-associated proteins 70-4 (MAP70-4) mRNA, complete cds [NM_101353]
AT1G17745	13.5	0.00000047	0.00015551	0.00000376	0.00098266	NM_0010359	ref|Arabidopsis thaliana cadmium resistance protein 2 (PCR2) mRNA, complete cds [NM_101356]
AT1G17840	-2.15	0.00304646	0.05009481	0.00404489	0.24355526	NM_101647	ref|Arabidopsis thaliana glutathione S-transferase phi 12 (GSTF12) mRNA, complete cds [NM_121728]
AT1G17860	2.74	0.00476204	0.06723058	0.00354843	0.11635968	NM_101649	ref|Arabidopsis thaliana cadmium resistance protein 1 (PCR1) mRNA, complete cds [NM_101357]
AT1G18060	-2.06	0.00278732	0.04706594	0.00670301	0.31024565	NM_101668	ref|Arabidopsis thaliana uncharacterized protein (AT1G15010) mRNA, complete cds [NM_101370]
AT1G18265	-2.27	0.00347317	0.05455252	0.01858891	0.18194805	NM_202127	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase domain-containing protein (AT1G15125) mRNA, complete cds [
AT1G18300	11.16	0.0003177	0.01112813	0.00000641	0.00145	NM_101688	ref|Arabidopsis thaliana uncharacterized protein (AT1G15260) mRNA, complete cds [NM_101394]
AT1G18330	-2	0.00565248	0.07480394	0.00710504	0.31623031	NM_0011238	ref|Arabidopsis thaliana uncharacterized protein (AT1G15415) mRNA, complete cds [NM_101411]
AT1G18380	4.1	0.00000866	0.00083165	0.00040004	0.02498619	NM_101697	ref|Arabidopsis thaliana uncharacterized protein (AT1G15430) mRNA, complete cds [NM_202106]
AT1G18390	4.7	0.00006208	0.00339025	0.00028173	0.01978261	NM_101697	ref|Arabidopsis thaliana ABC transporter G family member 40 (PDR12) mRNA, complete cds [NM_101421]
AT1G18570	12.97	0.00000023	0.00011737	0.00000509	0.00127778	NM_101715	ref|Arabidopsis thaliana putative F-box/kelch-repeat protein (AT1G15670) mRNA, complete cds [NM_101435]
AT1G18590	2.38	0.0017263	0.035137	0.00568731	0.16215637	NM_101717	ref|Arabidopsis thaliana uncharacterized protein (AT1G15790) mRNA, complete cds [NM_101447]
AT1G18650	-2.73	0.00025026	0.00946206	0.00030827	0.07875706	NM_101723	ref|Arabidopsis thaliana uncharacterized protein (AT1G15830) mRNA, complete cds [NM_101451]
AT1G18670	-2.34	0.00103635	0.02545549	0.00162207	0.17422803	NM_101725	ref|Arabidopsis thaliana glutamate decarboxylase 1 (GAD) mRNA, complete cds [NM_121739]
AT1G18830	-4.22	0.00002554	0.00176074	0.00000111	0.003125	NM_101740	ref|Arabidopsis thaliana wall associated kinase-like 7 (WAKL7) mRNA, complete cds [NM_101477]
AT1G18870	-2.21	0.00572219	0.07522849	0.00289208	0.21093548	NM_101744	ref|Arabidopsis thaliana uncharacterized protein (AT5G17350) mRNA, complete cds [NM_121741]
AT1G18890	3.27	0.00135489	0.03018137	0.00145113	0.06267431	NM_101746	ref|Arabidopsis thaliana wall associated kinase-like 6 (WAKL6) mRNA, complete cds [NM_101478]
AT1G19020	21.44	0.0000001	0.00009335	0.00000022	0.00013699	NM_101759	ref|Arabidopsis thaliana wall-associated receptor kinase-like 2 (WAKL2) mRNA, complete cds [NM_101480]
AT1G19180	8.71	0.00000269	0.00038296	0.00003118	0.00431193	NM_202133	ref|Arabidopsis thaliana uncharacterized protein (AT1G16170) mRNA, complete cds [NM_101484]
AT1G19250	122.97	0	0.00002997	0	0	NM_101783	ref|Arabidopsis thaliana cyclin B3-1 (CYCB3;1) mRNA, complete cds [NM_101499]
AT1G19270	2	0.0014204	0.03112945	0.01340469	0.29226615	NM_101785	ref|Arabidopsis thaliana metacaspase 8 (MC8) mRNA, complete cds [NM_101508]
AT1G19350	-2.47	0.00428754	0.06285396	0.00068709	0.11680451	NM_0010840	ref|Arabidopsis thaliana LOB domain-containing protein 3 (ASL9) mRNA, complete cds [NM_101518]
AT1G19380	8.15	0.00000065	0.00018075	0.00003538	0.00470588	NM_101795	ref|Arabidopsis thaliana kinase domain-containing protein (AT1G16670) mRNA, complete cds [NM_101527]
AT1G19450	-2.23	0.00200426	0.03866625	0.00267935	0.20640545	NM_101801	ref|Arabidopsis thaliana uncharacterized protein (AT1G16750) mRNA, complete cds [NM_101536]
AT1G19610	3.34	0.00046273	0.01453107	0.00117382	0.05421859	NM_101817	ref|Arabidopsis thaliana uncharacterized protein (AT1G16850) mRNA, complete cds [NM_101546]
AT1G19670	2.11	0.00543462	0.07316266	0.01141375	0.26159655	NM_101823	ref|Arabidopsis thaliana Ubiquitin domain-containing protein (AT1G16960) mRNA, complete cds [NM_101557]
AT1G19835	-2.01	0.00199404	0.0385509	0.00831446	0.32894138	NM_101838	ref|Arabidopsis thaliana VQ motif-containing protein (AT1G17147) mRNA, complete cds [NM_001123828]
AT1G19960	2.64	0.00036808	0.01233835	0.00311942	0.10751524	NM_101851	ref|Arabidopsis thaliana glutathione S-transferase TAU 24 (GSTU24) mRNA, complete cds [NM_101578]
AT1G20030	-2.16	0.0007039	0.01955195	0.00424502	0.24962289	NM_202141	ref|Arabidopsis thaliana receptor like protein 3 (RLP3) mRNA, complete cds [NM_101586]
AT1G20190	-3.03	0.00005662	0.00313753	0.00008182	0.03394495	NM_101872	ref|Arabidopsis thaliana alanine aminotransferase (AlaAT1) mRNA, complete cds [NM_101591]
AT1G20310	2.04	0.00126108	0.02890324	0.011864	0.26878257	NM_101882	ref|Arabidopsis thaliana lipoxygenase 3 (LOX3) mRNA, complete cds [NM_101603]
AT1G20440	-2.35	0.00208732	0.03960919	0.00171406	0.17900693	NM_101894	ref|Arabidopsis thaliana nuclear transcription factor Y subunit A-8 (NF-YA8) mRNA, complete cds [NM_202122]
AT1G20470	-2.35	0.00129542	0.02936292	0.00156214	0.16980769	NM_101897	ref|Arabidopsis thaliana Disease resistance protein (TIR-NBS class) (AT1G17610) mRNA, complete cds [NM_101623]
AT1G20510	5.42	0.00000423	0.00049987	0.00014794	0.0126945	NM_202143	ref|Arabidopsis thaliana glyoxylate reductase 2 (GLYR2) mRNA, complete cds [NM_101628]
AT1G20780	2.56	0.00187449	0.03698269	0.00397324	0.12617275	NM_101930	ref|Arabidopsis thaliana D-3-phosphoglycerate dehydrogenase (AT1G17745) mRNA, complete cds [NM_001035984]
AT1G21000	2.35	0.00019581	0.00786359	0.00516984	0.15121604	NM_0011238	ref|Arabidopsis thaliana ABC transporter G family member 11 (WBC11) mRNA, complete cds [NM_101647]
AT1G21100	3.41	0.00015494	0.00665374	0.00101261	0.0491309	NM_101964	ref|Arabidopsis thaliana kunitz type trypsin and protease inhibitor domain-containing protein (AT1G17860) mRNA, complete cds [NM_101649]
AT1G21110	16.04	0.00000005	0.0000859	0.00000133	0.00045455	NM_101965	ref|Arabidopsis thaliana uncharacterized protein (AT1G18060) mRNA, complete cds [NM_101668]
AT1G21120	10.51	0.00000216	0.00033692	0.00001238	0.00226721	NM_101966	ref|Arabidopsis thaliana uncharacterized protein (AT1G18265) mRNA, complete cds [NM_202127]
AT1G21130	2.46	0.00067189	0.01894202	0.00455993	0.13904248	NM_179362	ref|Arabidopsis thaliana nudix hydrolase 4 (NUDT4) mRNA, complete cds [NM_101688]
AT1G21240	18.7	0.00000016	0.00010001	0.00000088	0.00045455	NM_101977	ref|Arabidopsis thaliana early-phytochrome-responsive1 (EPR1) mRNA, complete cds [NM_001123832]
AT1G21250	8.48	0.00000014	0.00009777	0.00003096	0.00430769	NM_101978	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G18390) mRNA, complete cds [NM_101697]
AT1G21310	17.58	0.00000024	0.00011737	0.00000111	0.00043103	NM_101983	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G18390) mRNA, complete cds [NM_101697]
AT1G21520	4.93	0.00000717	0.00074199	0.00020367	0.01585198	NM_102001	ref|Arabidopsis thaliana myb domain protein 51 (MYB51) mRNA, complete cds [NM_101715]
AT1G21525	4.82	0.00000932	0.0008727	0.00024547	0.0182266	AY087114	ref|Arabidopsis thaliana sulfotransferase 17 (SOT17) mRNA, complete cds [NM_101717]
AT1G21550	4.1	0.00042734	0.01371455	0.00057541	0.03272956	NM_102004	ref|Arabidopsis thaliana plasmodesmata callose-binding protein 3 (PDCB3) mRNA, complete cds [NM_101723]
AT1G21750	2.68	0.00175989	0.03555905	0.0033096	0.11143708	NM_102024	ref|Arabidopsis thaliana protein kinase domain-containing protein (IBS1) mRNA, complete cds [NM_101725]
AT1G21900	2.93	0.00078901	0.02112321	0.00206148	0.08036207	NM_102038	ref|Arabidopsis thaliana transducin/WD-40 repeat-containing protein (AT1G18830) mRNA, complete cds [NM_101740]
AT1G22160	-2.58	0.00016463	0.0069188	0.00063246	0.11394422	NM_102066	ref|Arabidopsis thaliana Isochorismate synthase 2 (ICS2) mRNA, complete cds [NM_101744]
AT1G22180	3.22	0.00170908	0.03493612	0.0016946	0.07023831	NM_102068	ref|Arabidopsis thaliana calcium-dependent protein kinase 1 (CDPK1) mRNA, complete cds [NM_101746]
AT1G22190	2.16	0.00083685	0.02201237	0.00904755	0.22295913	NM_102069	ref|Arabidopsis thaliana 2-hydroxyacyl-CoA lyase (AT5G17380) mRNA, complete cds [NM_121744]
AT1G22280	2.28	0.00033398	0.01146751	0.00625498	0.17449105	NM_0011981	ref|Arabidopsis thaliana uncharacterized protein (AT1G19020) mRNA, complete cds [NM_101759]
AT1G22330	-2.36	0.00326996	0.05241678	0.00167492	0.17613953	NM_102083	ref|Arabidopsis thaliana protein TIFY 10A (JAZ1) mRNA, complete cds [NM_202133]
AT1G22400	3.63	0.00012952	0.00587216	0.00076603	0.04042007	NM_102089	ref|Arabidopsis thaliana putative flavin-containing monooxygenase 1 (FMO1) mRNA, complete cds [NM_101783]
AT1G22530	-2.18	0.00051497	0.01550572	0.00449204	0.25712658	NM_102102	ref|Arabidopsis thaliana protein DA1 (DA1) mRNA, complete cds [NM_101785]
AT1G22550	-2.16	0.00086256	0.02248112	0.00428925	0.25027097	NM_102104	ref|Arabidopsis thaliana protein brassinazole-resistant 2 (BES1) mRNA, complete cds [NM_001084093]
AT1G22630	-2.19	0.00229282	0.04202724	0.00319483	0.21889394	NM_102110	ref|Arabidopsis thaliana uncharacterized protein (AT1G19380) mRNA, complete cds [NM_101795]
AT1G22740	-3.48	0.00072364	0.01990824	0.0000157	0.01314815	NM_102121	ref|Arabidopsis thaliana sugar transporter ERD6-like 4 (AT1G19450) mRNA, complete cds [NM_101801]
AT1G22890	3.41	0.00001369	0.00115914	0.00093322	0.04622125	NM_102136	ref|Arabidopsis thaliana defensin-like protein 19 (PDF1.4) mRNA, complete cds [NM_101817]
AT1G23030	-2.12	0.00041005	0.01330694	0.0057249	0.29022422	NM_102151	ref|Arabidopsis thaliana uncharacterized protein (AT5G17460) mRNA, complete cds [NM_121752]
AT1G23090	3.21	0.0000777	0.00400657	0.00117979	0.0543279	NM_102157	ref|Arabidopsis thaliana chlorophyllase 1 (CLH1) mRNA, complete cds [NM_101823]
AT1G23140	2.77	0.00028408	0.01030989	0.00257939	0.09467532	NM_102162	ref|Arabidopsis thaliana filament-like plant protein 4 (AT1G19835) mRNA, complete cds [NM_101838]
AT1G23205	-2.63	0.00167689	0.03458171	0.00033591	0.08166667	NM_102169	ref|Arabidopsis thaliana uncharacterized protein (AT1G19960) mRNA, complete cds [NM_101851]
AT1G23710	7.32	0.00000282	0.00039432	0.00005285	0.00612821	NM_102219	ref|Arabidopsis thaliana pathogenesis-related thaumatin-like protein (AT1G20030) mRNA, complete cds [NM_202141]
AT1G23750	-2.12	0.00287315	0.04796011	0.00444626	0.25612739	NM_102223	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT5G17760) mRNA, complete cds [NM_121782]
AT1G23840	6.03	0.00002018	0.00150614	0.00011101	0.01035052	NM_102232	ref|Arabidopsis thaliana expansin-A11 (EXPA11) mRNA, complete cds [NM_101872]
AT1G23850	2.84	0.00015251	0.00658093	0.0022008	0.08448217	NM_102233	ref|Arabidopsis thaliana uncharacterized protein (AT1G20310) mRNA, complete cds [NM_101882]
AT1G24100	3.18	0.0003136	0.01101024	0.00141751	0.06175337	NM_102256	ref|Arabidopsis thaliana dehydrin COR47 (COR47) mRNA, complete cds [NM_101894]

AT1G24140	29.05	0.00000079	0.00019889	0	0	NM_102260	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G20470) mRNA, complete cds [NM_101897]
AT1G24145	15.66	0.00000364	0.00045656	0.00000177	0.00058394	NM_179373	ref|Arabidopsis thaliana OPC-8:0 CoA ligase1 (OPCL1) mRNA, complete cds [NM_202143]
AT1G24147	7.01	0.00011045	0.00522999	0.00007674	0.00803241	NM_0010841	ref|Arabidopsis thaliana U-box domain-containing protein 44 (SAUL1) mRNA, complete cds [NM_101930]
AT1G24150	2.57	0.00005027	0.00287749	0.00321782	0.10924174	NM_102261	ref|Arabidopsis thaliana PLATZ transcription factor domain-containing protein (AT1G21000) mRNA, complete cds [NM_001123850]
AT1G24530	2.26	0.00086826	0.02252602	0.00692083	0.18584323	NM_102297	ref|Arabidopsis thaliana calcium exchanger 7 (CAX7) mRNA, complete cds [NM_121792]
AT1G24909	7.95	0.00000115	0.00024132	0.00003914	0.00507163	NM_102331	ref|Arabidopsis thaliana O-methyltransferase-like protein (AT1G21100) mRNA, complete cds [NM_101964]
AT1G25083	10.76	0.00008372	0.00422927	0.00001106	0.00206612	NM_102313	ref|Arabidopsis thaliana O-methyltransferase family protein (AT1G21110) mRNA, complete cds [NM_101965]
AT1G25370	4.04	0.00004748	0.00277249	0.00044007	0.02674731	NM_102347	ref|Arabidopsis thaliana O-methyltransferase family protein (AT1G21120) mRNA, complete cds [NM_101966]
AT1G25390	2.35	0.00013023	0.00588302	0.00509885	0.15001301	NM_102350	ref|Arabidopsis thaliana O-methyltransferase-like protein (AT1G21130) mRNA, complete cds [NM_179362]
AT1G25400	16.39	0.00000644	0.00068009	0.00000111	0.00041322	NM_102351	ref|Arabidopsis thaliana wall-associated receptor kinase 3 (WAK3) mRNA, complete cds [NM_101977]
AT1G25560	3.53	0.00005681	0.0031442	0.00088346	0.04424142	NM_102367	ref|Arabidopsis thaliana wall-associated receptor kinase 1 (WAK1) mRNA, complete cds [NM_101978]
AT1G26200	3.73	0.00014698	0.00642166	0.0007552	0.03994152	A_84_P75182	ref|Arabidopsis thaliana extensin 3 (EXT3) mRNA, complete cds [NM_101983]
AT1G26208	-2.23	0.00605833	0.07793962	0.0028923	0.21061192	DQ108779	ref|Arabidopsis thaliana uncharacterized protein (AT1G21520) mRNA, complete cds [NM_102001]
AT1G26210	-3.72	0.00003572	0.00221805	0.00000686	0.00939394	NM_102385	gb|Arabidopsis thaliana clone 31878 mRNA, complete sequence [AY087114]
AT1G26220	-2.12	0.00322135	0.05180278	0.00435559	0.25283697	NM_102386	ref|Arabidopsis thaliana anthranilate phosphoribosyltransferase (TRP1) mRNA, complete cds [NM_121804]
AT1G26230	-2.53	0.00017429	0.00723069	0.00078041	0.12339161	NM_0011981	ref|Arabidopsis thaliana putative calcium-binding protein CML44 (AT1G21550) mRNA, complete cds [NM_102004]
AT1G26380	63.87	0.00000069	0.00018495	0	0	NM_102402	ref|Arabidopsis thaliana protein disulfide-isomerase A1 (PDIL1-1) mRNA, complete cds [NM_102024]
AT1G26390	19.51	0.00000007	0.0000859	0.00000066	0.00035714	NM_102403	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT1G21900) mRNA, complete cds [NM_102038]
AT1G26410	20.23	0.00000009	0.0000931	0.00000066	0.00036145	NM_102405	ref|Arabidopsis thaliana uncharacterized protein (AT1G22160) mRNA, complete cds [NM_102066]
AT1G26420	25.65	0.0000015	0.0002752	0	0	NM_102406	ref|Arabidopsis thaliana sec.4-like phosphatidylinositol transfer protein (AT1G22180) mRNA, complete cds [NM_102068]
AT1G26690	2.87	0.00007521	0.00391094	0.00192901	0.07719469	NM_102432	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF058 (AT1G22190) mRNA, complete cds [NM_102069]
AT1G26761	-2.61	0.00018166	0.00744068	0.00053162	0.10362069	NM_0011238	ref|Arabidopsis thaliana putative protein phosphatase 2C 9 (PAPP2C) mRNA, complete cds [NM_001198133]
AT1G26770	-2.21	0.00047904	0.01481191	0.00360504	0.23057992	NM_0010841	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18010) mRNA, complete cds [NM_121806]
AT1G26920	-2.61	0.00006426	0.00348398	0.00057475	0.10608163	NM_102456	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT1G22330) mRNA, complete cds [NM_102083]
AT1G26945	-2.58	0.0082568	0.09452465	0.0004027	0.09105	NM_179381	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18020) mRNA, complete cds [NM_121807]
AT1G27020	5.68	0.00000236	0.00035746	0.00012517	0.01125249	NM_102464	ref|Arabidopsis thaliana cytokinin-O-glucosyltransferase 2 (UGT85A1) mRNA, complete cds [NM_102089]
AT1G27100	2.5	0.00217917	0.04078725	0.0045387	0.13858204	NM_102472	ref|Arabidopsis thaliana patellin-4 (PATL2) mRNA, complete cds [NM_102102]
AT1G27120	-2.11	0.00049772	0.01510587	0.00597656	0.29504367	NM_102474	ref|Arabidopsis thaliana putative peptide/nitrate transporter (AT1G22550) mRNA, complete cds [NM_102104]
AT1G27130	2.13	0.00514906	0.07080673	0.0104529	0.24453182	NM_102475	ref|Arabidopsis thaliana uncharacterized protein (AT1G22630) mRNA, complete cds [NM_102110]
AT1G27210	-2.04	0.00116026	0.02738353	0.00727466	0.31722276	NM_102483	ref|Arabidopsis thaliana Ras-related protein Rab7 (RABG3B) mRNA, complete cds [NM_102121]
AT1G27350	2.83	0.00111414	0.02657241	0.00278372	0.09974643	NM_102497	ref|Arabidopsis thaliana uncharacterized protein (AT1G22890) mRNA, complete cds [NM_102136]
AT1G27460	-2.24	0.00247878	0.04400884	0.00247147	0.20064632	NM_102510	ref|Arabidopsis thaliana U-box domain-containing protein 11 (AT1G23030) mRNA, complete cds [NM_102151]
AT1G27730	49.56	0.00000012	0.00009777	0	0	NM_102538	ref|Arabidopsis thaliana putative sulfate transporter 3.3 (AST91) mRNA, complete cds [NM_102157]
AT1G27760	2.08	0.00742313	0.08831196	0.0126088	0.27990673	NM_179384	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18030) mRNA, complete cds [NM_121808]
AT1G27770	3.85	0.00002203	0.00161178	0.00053826	0.03128535	NM_179385	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT1G23140) mRNA, complete cds [NM_102162]
AT1G27820	2.28	0.00056241	0.01658968	0.00622158	0.17377393	NM_102547	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18050) mRNA, complete cds [NM_121810]
AT1G27890	3.24	0.00002781	0.00187441	0.00114772	0.05345005	NM_102554	ref|Arabidopsis thaliana plant invertase/pectin methylesterase inhibitor domain-containing protein (AT1G23205) mRNA, complete cds [NM_102
AT1G27980	3.82	0.00010921	0.0051819	0.00061787	0.03436654	NM_102563	ref|Arabidopsis thaliana uncharacterized protein (AT1G23710) mRNA, complete cds [NM_102219]
AT1G28100	-2.16	0.00062455	0.01802306	0.00447966	0.25706853	NM_0010841	ref|Arabidopsis thaliana OB-fold nucleic acid binding domain-containing protein (AT1G23750) mRNA, complete cds [NM_102223]
AT1G28190	5.92	0.0000074	0.00076093	0.00010637	0.01002083	NM_102584	ref|Arabidopsis thaliana uncharacterized protein (AT1G23840) mRNA, complete cds [NM_102232]
AT1G28370	24.37	0.00000098	0.00021689	0	0	NM_102603	ref|Arabidopsis thaliana uncharacterized protein (AT1G23850) mRNA, complete cds [NM_102233]
AT1G28380	2.77	0.00153213	0.03270151	0.00285139	0.10120879	NM_102605	ref|Arabidopsis thaliana N-hydroxythioamide S-beta-glucosyltransferase (UGT74B1) mRNA, complete cds [NM_102256]
AT1G28480	17.84	0.00000021	0.00011646	0.00000088	0.0004	NM_102616	ref|Arabidopsis thaliana matrix metalloprotease domain-containing protein (AT1G24140) mRNA, complete cds [NM_102260]
AT1G28670	-2.36	0.00030533	0.01083131	0.00183989	0.18165939	NM_102634	ref|Arabidopsis thaliana uncharacterized protein (AT1G24145) mRNA, complete cds [NM_179373]
AT1G29240	2.02	0.00440953	0.06391639	0.01238434	0.27723762	NM_102664	ref|Arabidopsis thaliana uncharacterized protein (AT1G24147) mRNA, complete cds [NM_001084124]
AT1G29290	5.51	0.00000271	0.00038308	0.00013866	0.01205769	NM_102669	ref|Arabidopsis thaliana formin homologue 4 (FH4) mRNA, complete cds [NM_102261]
AT1G29330	2.68	0.00012163	0.00562912	0.00270544	0.09810746	NM_102673	ref|Arabidopsis thaliana transducin/WD-40 repeat-containing protein (AT1G24530) mRNA, complete cds [NM_102297]
AT1G29395	-3.28	0.00004666	0.00274156	0.00003096	0.01842105	NM_102679	ref|Arabidopsis thaliana anthranilate synthase beta subunit 1 (ASB1) mRNA, complete cds [NM_102331]
AT1G29420	-3.42	0.00001597	0.0012967	0.00001548	0.01320755	NM_102682	ref|Arabidopsis thaliana anthranilate synthase component II (AT1G24807) mRNA, complete cds [NM_102313]
AT1G29430	-4.3	0.00001526	0.00124971	0.00000111	0.00357143	NM_102683	ref|Arabidopsis thaliana uncharacterized protein (AT1G25370) mRNA, complete cds [NM_102347]
AT1G29440	-5.5	0.00014583	0.00638368	0	0	NM_102684	ref|Arabidopsis thaliana protein kinase-like protein (AT1G25390) mRNA, complete cds [NM_102350]
AT1G29450	-4.76	0.00004983	0.00285934	0.00000044	0.00285714	NM_102685	ref|Arabidopsis thaliana uncharacterized protein (AT1G25400) mRNA, complete cds [NM_102351]
AT1G29460	-4.01	0.00015675	0.00669972	0.00000221	0.00454545	NM_102686	ref|Arabidopsis thaliana AP2/ERF and B3 domain-containing transcription factor TEM1 (TEM1) mRNA, complete cds [NM_102367]
AT1G29500	-3.55	0.00069722	0.01949801	0.00001106	0.01111111	NM_102690	Unknown
AT1G29510	-3.31	0.00021176	0.00831949	0.00002057	0.0138806	NM_102691	gb|Arabidopsis thaliana clone 231852 mRNA sequence [DQ108779]
AT1G29690	2.56	0.00018833	0.00763157	0.00333901	0.11192735	NM_102709	ref|Arabidopsis thaliana SOB five-like 1 protein (SOFL1) mRNA, complete cds [NM_102385]
AT1G29860	2.84	0.00005636	0.00313262	0.00208801	0.08118659	NM_102726	ref|Arabidopsis thaliana Acyl-CoA N-acyltransferase domain-containing protein (AT1G26220) mRNA, complete cds [NM_102386]
AT1G30220	2.01	0.00389787	0.05881272	0.01371097	0.29651363	NM_102761	ref|Arabidopsis thaliana TCP-1/cpn60 chaperonin-like protein (AT1G26230) mRNA, complete cds [NM_001198168]
AT1G30360	-2.23	0.00017637	0.00729624	0.00346042	0.22580087	NM_102773	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26380) mRNA, complete cds [NM_102402]
AT1G30370	3.27	0.00014419	0.00633636	0.00121871	0.05549849	NM_102774	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26390) mRNA, complete cds [NM_102403]
AT1G30400	2.33	0.00186116	0.03684831	0.00683171	0.18498802	NM_102777	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18060) mRNA, complete cds [NM_121811]
AT1G30420	2.73	0.00158992	0.03347132	0.00304998	0.1056049	NM_102779	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26410) mRNA, complete cds [NM_102405]
AT1G30520	-2.21	0.00046104	0.01451277	0.0033494	0.22438519	NM_102789	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT5G18080) mRNA, complete cds [NM_121813]
AT1G30600	-2.28	0.00364226	0.0562268	0.00189739	0.18333333	NM_102797	ref|Arabidopsis thaliana Methyltransferase-related protein (AT5G18150) mRNA, complete cds [NM_121820]
AT1G30620	4.04	0.0000184	0.00142621	0.00047612	0.02844122	NM_0010360	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G26420) mRNA, complete cds [NM_102406]
AT1G30690	-2.24	0.00026857	0.00994627	0.00342835	0.22468116	NM_102805	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT1G26690) mRNA, complete cds [NM_102432]
AT1G30700	11.52	0.00001713	0.00135425	0.00000862	0.00169565	NM_102806	ref|Arabidopsis thaliana Arabinanase/levansucrase/invertase (AT1G26761) mRNA, complete cds [NM_001123885]
AT1G30720	3.04	0.0069694	0.08508544	0.00240402	0.08969472	NM_102808	ref|Arabidopsis thaliana expansin A10 (EXPA10) mRNA, complete cds [NM_001084130]
AT1G30730	9.29	0.00000922	0.00086796	0.00002587	0.00383607	NM_102809	ref|Arabidopsis thaliana uncharacterized protein (AT1G26920) mRNA, complete cds [NM_102456]
AT1G30755	2.97	0.00014954	0.0064897	0.00184719	0.07478066	NM_102812	ref|Arabidopsis thaliana basic helix-loop-helix domain-containing protein (KDR) mRNA, complete cds [NM_179381]
AT1G30757	2.06	0.0029253	0.04852607	0.01041552	0.24428942	NM_148492	ref|Arabidopsis thaliana uncharacterized protein (AT5G18310) mRNA, complete cds [NM_180512]
AT1G30900	6.3	0.00002913	0.00193988	0.00009199	0.00908297	NM_102827	ref|Arabidopsis thaliana uncharacterized protein (AT1G27020) mRNA, complete cds [NM_102464]
AT1G31130	2.04	0.00085806	0.02240264	0.01114109	0.25651731	NM_102851	ref|Arabidopsis thaliana Actin cross-linking protein (AT1G27100) mRNA, complete cds [NM_102472]
AT1G31173	-4.63	0.00001486	0.00122397	0.00000044	0.00222222	AK119038	ref|Arabidopsis thaliana putative beta-1,3-galactosyltransferase 17 (AT1G27120) mRNA, complete cds [NM_102474]
AT1G31320	-2.21	0.00253233	0.04459315	0.00279058	0.20754934	NM_102870	ref|Arabidopsis thaliana Cytokine-induced anti-apoptosis inhibitor 1, Fe-S biogenesis (AT5G18400) mRNA, complete cds [NM_001085133]
AT1G31420	-2.31	0.00312123	0.05071571	0.00184365	0.18163399	NM_102881	ref|Arabidopsis thaliana glutathione S-transferase tau 13 (GSTU13) mRNA, complete cds [NM_102475]
AT1G31540	3.06	0.00052824	0.01586126	0.00177311	0.07256109	NM_0011239	ref|Arabidopsis thaliana armadillo/beta-catenin-like repeat-containing protein (AT1G27210) mRNA, complete cds [NM_102483]
AT1G31580	3.17	0.00008789	0.00438178	0.00135095	0.05977495	NM_102895	ref|Arabidopsis thaliana Ribosome associated membrane protein RAMP4 (AT1G27350) mRNA, complete cds [NM_102497]
AT1G32060	-2.12	0.0004161	0.01343412	0.0053808	0.28064591	NM_102940	ref|Arabidopsis thaliana no pollen germination related 1 protein (NPGR1) mRNA, complete cds [NM_102510]
AT1G32090	-2.56	0.00104784	0.02562641	0.00069991	0.11678967	NM_102943	ref|Arabidopsis thaliana curculin-like (mannose-binding) lectin family protein (AT5G18470) mRNA, complete cds [NM_121852]
AT1G32120	2.7	0.00009147	0.00453062	0.00254091	0.09364303	NM_102945	ref|Arabidopsis thaliana zinc finger protein STZ/ZAT10 (STZ) mRNA, complete cds [NM_102538]
AT1G32170	2.14	0.00100591	0.02496552	0.00914153	0.22454101	NM_102950	ref|Arabidopsis thaliana plant glycogenin-like starch initiation protein 6 (PGSIP6) mRNA, complete cds [NM_121853]
AT1G32200	-2.05	0.00034795	0.01184739	0.00808359	0.32961226	NM_179407	ref|Arabidopsis thaliana uncharacterized protein (AT5G18490) mRNA, complete cds [NM_121854]
AT1G32350	11.89	0.00000015	0.00010001	0.00000686	0.00148325	NM_102968	ref|Arabidopsis thaliana Interferon-related developmental regulator domain-containing protein (SAT32) mRNA, complete cds [NM_179384]
AT1G32690	2.86	0.00010539	0.00504306	0.00203582	0.07984389	NM_103003	ref|Arabidopsis thaliana autoinhibited Ca2+-ATPase 1 (ACA1) mRNA, complete cds [NM_179385]
AT1G32740	-2.43	0.00012447	0.00572082	0.00137461	0.15938462	NM_103008	ref|Arabidopsis thaliana putative CCR4-associated factor 1-3 (AT1G27820) mRNA, complete cds [NM_102547]
AT1G32780	-2.39	0.00204553	0.0390954	0.00115944	0.14852691	NM_103012	ref|Arabidopsis thaliana putative CCR4-associated factor 1-4 (AT1G27890) mRNA, complete cds [NM_102554]
AT1G32920	6.22	0.00001032	0.00094058	0.00008868	0.00881319	NM_103025	ref|Arabidopsis thaliana Sphingosine-1-phosphate lyase (DPL1) mRNA, complete cds [NM_102563]
AT1G32928	9.6	0.00000726	0.00074813	0.00002145	0.00332192	NM_0010360	ref|Arabidopsis thaliana uncharacterized protein (AT1G28100) mRNA, complete cds [NM_001084145]
AT1G32960	4.52	0.00000653	0.00068762	0.00030783	0.02086957	NM_103029	ref|Arabidopsis thaliana uncharacterized protein (AT1G28190) mRNA, complete cds [NM_102584]
AT1G33030	11.5	0.00000024	0.00011737	0.00000862	0.00170306	NM_103036	ref|Arabidopsis thaliana ethylene-responsive transcription factor 11 (ERF11) mRNA, complete cds [NM_102603]
AT1G33240	-2.25	0.00254011	0.04469402	0.00244317	0.20050817	NM_103052	ref|Arabidopsis thaliana MAC/Perforin domain-containing protein (NSL1) mRNA, complete cds [NM_102605]
AT1G33560	2.28	0.00017935	0.00737293	0.00599138	0.16880374	NM_103079	ref|Arabidopsis thaliana glutaredoxin-C9 (GRX480) mRNA, complete cds [NM_102616]
AT1G33600	2.07	0.0075431	0.08924616	0.01162273	0.26424334	NM_103083	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (PCB2) mRNA, complete cds [NM_121871]
AT1G33610	4.27	0.00007533	0.00391094	0.00038169	0.02424157	NM_103084	ref|Arabidopsis thaliana GDSL esterase/lipase (ARAB-1) mRNA, complete cds [NM_102634]
AT1G33720	2.11	0.00149959	0.03231069	0.00994648	0.23685097	NM_103092	ref|Arabidopsis thaliana uncharacterized protein (AT1G29240) mRNA, complete cds [NM_102664]
AT1G33760	2.17	0.00609212	0.07816827	0.00920964	0.2256013	NM_103095	ref|Arabidopsis thaliana uncharacterized protein (AT1G29290) mRNA, complete cds [NM_102669]
AT1G33960	7.13	0.00000032	0.00013001	0.00006015	0.00681704	NM_103118	ref|Arabidopsis thaliana ER lumen protein retaining receptor (ERD2) mRNA, complete cds [NM_102673]
AT1G34180	2.2	0.00565634	0.07481121	0.00843233	0.21207453	NM_103141	ref|Arabidopsis thaliana cold regulated 314 inner membrane 1 (COR413IM1) mRNA, complete cds [NM_102679]
AT1G34420	9.64	0.0000007	0.00018615	0.00001813	0.00287719	NM_103165	ref|Arabidopsis thaliana putative auxin-responsive protein (AT1G29420) mRNA, complete cds [NM_102682]
AT1G34750	3.58	0.00006455	0.00349199	0.0008264	0.04222599	NM_103195	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29430) mRNA, complete cds [NM_102683]
AT1G34760	-2.06	0.00146209	0.03173108	0.00719151	0.31603499	NM_0010841	ref|Arabidopsis thaliana F-box domain-containing protein (AT5G18780) mRNA, complete cds [NM_121883]
AT1G35140	2.54	0.0025877	0.04511677	0.00402808	0.1268454	NM_103210	ref|Arabidopsis thaliana GPI-anchored glycoprotein membrane precursor (AT5G19230) mRNA, complete cds [NM_121928]
AT1G35210	17.84	0.00000158	0.00027969	0.00000088	0.00037383	NM_103219	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29440) mRNA, complete cds [NM_102684]
AT1G35230	4.31	0.00000271	0.00038308	0.00034233	0.02243478	NM_103221	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29450) mRNA, complete cds [NM_102685]
AT1G35710	13.27	0.00000087	0.00021092	0.00000376	0.0010241	NM_103273	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29460) mRNA, complete cds [NM_102686]
AT1G36622	8.56	0.00008476	0.0042705	0.00002897	0.00406832	NM_0010842	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT1G29500) mRNA, complete cds [NM_102690]
AT1G36640	4.89	0.00002001	0.00150471	0.00020655	0.01604811	NM_103338	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (SAUR68) mRNA, complete cds [NM_102691]
AT1G42990	3.25	0.00005593	0.00311834	0.0011161	0.05273772	NM_103458	ref|Arabidopsis thaliana MAC/Perforin domain-containing protein (CAD1) mRNA, complete cds [NM_102709]
AT1G43180	2.11	0.00215869	0.04052131	0.00995334	0.23688947	A_84_P75231	ref|Arabidopsis thaliana GPI-anchored glycoprotein membrane precursor (AT5G19240) mRNA, complete cds [NM_121929]
AT1G43910	8.59	0.00000638	0.00067695	0.00002985	0.00416667	NM_103518	ref|Arabidopsis thaliana putative WRKY transcription factor 71 (WRKY71) mRNA, complete cds [NM_102726]
AT1G44130	20.82	0.00000004	0.0000859	0.00000044	0.00025974	NM_103539	ref|Arabidopsis thaliana putative inositol transporter 2 (INT2) mRNA, complete cds [NM_102761]
AT1G44920	-2.14	0.0031386	0.05092494	0.00424326	0.24984375	NM_103574	ref|Arabidopsis thaliana GPI-anchored glycoprotein membrane precursor (AT5G19250) mRNA, complete cds [NM_121930]
AT1G45010	-2.13	0.00275908	0.0467481	0.0049854	0.26966507	NM_103581	ref|Arabidopsis thaliana glyoxal oxidase-related protein (AT5G19580) mRNA, complete cds [NM_121963]
AT1G45145	7.12	0.00000758	0.00076884	0.00006192	0.00682927	NM_103588	ref|Arabidopsis thaliana Early-responsive to dehydration stress protein (ERD4) (ERD4) mRNA, complete cds [NM_102773]
AT1G47480	3.4	0.000496	0.0150816	0.00109067	0.05191579	NM_103640	ref|Arabidopsis thaliana lipase-3 domain-containing protein (AT1G30370) mRNA, complete cds [NM_102774]
AT1G47890	4.17	0.00004638	0.00273093	0.00044096	0.0267651	NM_103687	ref|Arabidopsis thaliana ABC transporter C family member 1 (MRP1) mRNA, complete cds [NM_102777]
AT1G48210	2.63	0.00015697	0.00670256	0.00297015	0.10379444	NM_103718	ref|Arabidopsis thaliana ABC transporter C family member 11 (MRP12) mRNA, complete cds [NM_102779]
AT1G48240	-2.02	0.00153768	0.0327991	0.00960969	0.34931672	NM_103721	ref|Arabidopsis thaliana acyl-activating enzyme 14 (AAE14) mRNA, complete cds [NM_102789]

AT1G48605	2.78	0.00196119	0.03808532	0.00276935	0.09938889	NM_202265	ref|Arabidopsis thaliana dolichyl-diphosphooligosaccharide--protein glycosyltransferase (STT3A) mRNA, complete cds [NM_121974]
AT1G48850	2.19	0.00224789	0.04167675	0.00835714	0.21053482	NM_103779	ref|Arabidopsis thaliana subtilase-like protein (AT1G30600) mRNA, complete cds [NM_102797]
AT1G49000	6.71	0.00003131	0.00203113	0.00007961	0.00820046	NM_103793	ref|Arabidopsis thaliana UDP-arabinose 4-epimerase (MUR4) mRNA, complete cds [NM_001036041]
AT1G49050	7.41	0.0000018	0.00030175	0.00004732	0.0056168	NM_001084242	ref|Arabidopsis thaliana patellin-4 (AT1G30690) mRNA, complete cds [NM_102805]
AT1G49310	-2.23	0.00956322	0.1034755	0.00180938	0.18222717	NM_103821	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT5G19800) mRNA, complete cds [NM_121985]
AT1G49975	-2.35	0.00447975	0.06447302	0.00137992	0.15959079	NM_103885	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G30700) mRNA, complete cds [NM_102806]
AT1G50040	-3.2	0.00127679	0.02911573	0.00004909	0.02522727	NM_103892	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G30720) mRNA, complete cds [NM_102808]
AT1G50180	2.56	0.00278585	0.04705868	0.00435228	0.1347091	NM_103903	ref|Arabidopsis thaliana peroxidase 58 (AT5G19880) mRNA, complete cds [NM_121995]
AT1G50240	-2.32	0.00554287	0.07397375	0.00137085	0.15935733	NM_001084242	ref|Arabidopsis thaliana uncharacterized protein (AT5G19930) mRNA, complete cds [NM_001203414]
AT1G50280	-2.41	0.00028537	0.01033997	0.00151283	0.16726161	NM_103912	ref|Arabidopsis thaliana golgi nucleotide sugar transporter 4 (GONST4) mRNA, complete cds [NM_122005]
AT1G50650	-2.08	0.00241315	0.04325106	0.00571296	0.28994388	NM_103947	ref|Arabidopsis thaliana blue copper protein (BCB) mRNA, complete cds [NM_122030]
AT1G50730	-2.33	0.00172049	0.03506108	0.00203936	0.18782077	NM_001198260	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT1G30730) mRNA, complete cds [NM_102809]
AT1G50740	3.97	0.00011953	0.00556099	0.00056369	0.03222503	NM_103956	ref|Arabidopsis thaliana uncharacterized protein (AT1G30755) mRNA, complete cds [NM_102812]
AT1G50890	-2.09	0.00533953	0.07235645	0.00527576	0.27837806	NM_103969	ref|Arabidopsis thaliana heptahelical transmembrane protein1 (HHP1) mRNA, complete cds [NM_122034]
AT1G51080	-2.64	0.00053463	0.01594714	0.00041641	0.09321782	NM_103986	ref|Arabidopsis thaliana uncharacterized protein (AT1G30757) mRNA, complete cds [NM_148492]
AT1G51620	4.83	0.0000124	0.00108368	0.00023463	0.01759536	NM_104040	ref|Arabidopsis thaliana vacuolar sorting receptor 6 (VSR6) mRNA, complete cds [NM_102827]
AT1G51660	2.77	0.00049437	0.0150816	0.00258094	0.09465531	NM_104044	ref|Arabidopsis thaliana uncharacterized protein (AT1G31130) mRNA, complete cds [NM_102851]
AT1G51700	2.79	0.00617868	0.07874858	0.00350243	0.11560584	NM_104048	gb|Arabidopsis thaliana mRNA for unknown protein, complete cds, clone: RAFL21-36-I09 [AK119038]
AT1G51760	6.25	0.00000279	0.00039249	0.00008072	0.00823928	NM_104055	ref|Arabidopsis thaliana LOB domain-containing protein 4 (LBD4) mRNA, complete cds [NM_102870]
AT1G51780	5.03	0.0000017	0.00029315	0.00018532	0.01512635	NM_104057	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (FEI1) mRNA, complete cds [NM_102881]
AT1G51790	10.57	0.00002987	0.00197218	0.00001327	0.00237154	NM_104058	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G31540) mRNA, complete cds [NM_001123924]
AT1G51800	8.03	0.00000063	0.00017855	0.00004113	0.00519553	NM_104059	ref|Arabidopsis thaliana protein ECS1 (ECS1) mRNA, complete cds [NM_102895]
AT1G51820	2.74	0.00291533	0.04843168	0.00320367	0.10917106	NM_104062	ref|Arabidopsis thaliana phosphoribulokinase (PRK) mRNA, complete cds [NM_102940]
AT1G51850	5.41	0.00095935	0.02423567	0.00024768	0.01833061	NM_104065	ref|Arabidopsis thaliana early-responsive to dehydration stress protein (ERD4) (AT1G32090) mRNA, complete cds [NM_102943]
AT1G51890	19.81	0.00000177	0.00030055	0.00000088	0.00044444	NM_104069	ref|Arabidopsis thaliana uncharacterized protein (AT1G32120) mRNA, complete cds [NM_102945]
AT1G51913	5.11	0.00000221	0.00034301	0.00018753	0.01527928	NM_001084242	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH30) mRNA, complete cds [NM_102950]
AT1G51915	2.44	0.0001527	0.00658257	0.00435891	0.13482216	NM_104072	ref|Arabidopsis thaliana glycerol-3-phosphate acyltransferase (ATS1) mRNA, complete cds [NM_179407]
AT1G51920	19.21	0.00000091	0.00021092	0.00000088	0.00041237	NM_104073	ref|Arabidopsis thaliana alternative oxidase 3 (AOX1D) mRNA, complete cds [NM_102968]
AT1G51940	-2.08	0.00087612	0.02267781	0.00640646	0.30559072	NM_104075	ref|Arabidopsis thaliana uncharacterized protein (AT1G32690) mRNA, complete cds [NM_103003]
AT1G52200	6.7	0.00000254	0.00037468	0.00007121	0.00763033	NM_104100	ref|Arabidopsis thaliana SBP (S-ribonuclease binding protein) family protein (AT1G32740) mRNA, complete cds [NM_103008]
AT1G52342	-2.09	0.0048884	0.0683529	0.00493145	0.26899879	NM_001123924	ref|Arabidopsis thaliana alcohol dehydrogenase-like 3 (AT1G32780) mRNA, complete cds [NM_103012]
AT1G52600	2.39	0.00086307	0.02248155	0.00524259	0.15275129	NM_104138	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT5G20400) mRNA, complete cds [NM_122047]
AT1G52750	-3.26	0.00236254	0.04281928	0.00002985	0.018	NM_104153	ref|Arabidopsis thaliana uncharacterized protein (AT1G32920) mRNA, complete cds [NM_103025]
AT1G52780	2.05	0.0019907	0.03851931	0.0115073	0.26267542	NM_104156	ref|Arabidopsis thaliana uncharacterized protein (AT1G32928) mRNA, complete cds [NM_001036055]
AT1G52830	-3.07	0.00005878	0.00323732	0.00007541	0.03343137	NM_104161	ref|Arabidopsis thaliana Subtilase-like protein (SBT3.3) mRNA, complete cds [NM_103029]
AT1G52890	3.23	0.00113576	0.02698839	0.00149668	0.06409091	NM_104167	ref|Arabidopsis thaliana O-methyltransferase-like protein (AT1G33030) mRNA, complete cds [NM_103036]
AT1G53450	-2.08	0.00341009	0.05380464	0.00556192	0.28580682	NM_104223	ref|Arabidopsis thaliana protein GT-2-like 1 (GTL1) mRNA, complete cds [NM_103052]
AT1G53540	4.59	0.00072718	0.01995346	0.00040425	0.02517906	NM_104232	ref|Arabidopsis thaliana disease resistance protein ADR1 (ADR1) mRNA, complete cds [NM_103079]
AT1G53625	5.36	0.00003815	0.00233429	0.00015281	0.01308712	NM_179473	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT1G33600) mRNA, complete cds [NM_103083]
AT1G54000	2.26	0.00973717	0.10453818	0.00923507	0.22585722	NM_104277	ref|Arabidopsis thaliana Leucine-rich repeat (LRR) family protein (AT1G33610) mRNA, complete cds [NM_103084]
AT1G54040	-2.13	0.00162433	0.03396447	0.00549757	0.28476518	NM_180632	ref|Arabidopsis thaliana cytochrome P450, family 76, subfamily C, polypeptide 6 (CYP76C6) mRNA, complete cds [NM_103092]
AT1G54575	4.38	0.00034898	0.01185408	0.00041552	0.02563438	NM_202299	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF022 (AT1G33760) mRNA, complete cds [NM_103095]
AT1G55160	-2.29	0.00714158	0.08639435	0.00155838	0.17021739	NM_001160972	ref|Arabidopsis thaliana LRR receptor-like serine/threonine-protein kinase EFR (EFR) mRNA, complete cds [NM_122055]
AT1G55330	-2.96	0.00309478	0.05049114	0.0000889	0.03589286	NM_104409	ref|Arabidopsis thaliana protein AIG1 (AIG1) mRNA, complete cds [NM_103118]
AT1G55450	4.04	0.00012233	0.00563886	0.0005387	0.03123077	NM_001198342	ref|Arabidopsis thaliana NAC domain containing protein 16 (NAC016) mRNA, complete cds [NM_103141]
AT1G55850	2.44	0.00137907	0.03055441	0.00490314	0.1464465	NM_104462	ref|Arabidopsis thaliana aldehyde oxidase 1 (AO1) mRNA, complete cds [NM_122105]
AT1G55910	3.11	0.00027299	0.01004434	0.00156767	0.06643861	NM_104468	ref|Arabidopsis thaliana leucine-rich repeat transmembrane protein kinase-like protein (AT1G34420) mRNA, complete cds [NM_103165]
AT1G55960	-2.44	0.00167865	0.03458171	0.00091287	0.13273312	NM_104474	ref|Arabidopsis thaliana putative protein phosphatase 2C 10 (AT1G34750) mRNA, complete cds [NM_103195]
AT1G56060	28.46	0.0000003	0.00012521	0	0	NM_104484	ref|Arabidopsis thaliana general regulatory factor 11 (GRF11) mRNA, complete cds [NM_001084180]
AT1G56120	9.83	0.00001321	0.00113343	0.00001415	0.00245211	NM_104490	ref|Arabidopsis thaliana Phosphate-responsive 1-like protein (PHI-1) mRNA, complete cds [NM_103210]
AT1G56140	2.04	0.00696881	0.08508544	0.01423861	0.30471841	NM_104492	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT5G21430) mRNA, complete cds [NM_180531]
AT1G56240	6.34	0.00000123	0.00025173	0.00008315	0.00846847	NM_104503	ref|Arabidopsis thaliana uncharacterized protein (AT1G35210) mRNA, complete cds [NM_103219]
AT1G56540	2.23	0.00078875	0.02112321	0.00686002	0.1850895	NM_104531	ref|Arabidopsis thaliana arabinogalactan protein 5 (AGP5) mRNA, complete cds [NM_103221]
AT1G56550	2.59	0.00071214	0.01970819	0.00344693	0.11419048	NM_104532	ref|Arabidopsis thaliana putative leucine-rich repeat receptor-like protein (AT1G35710) mRNA, complete cds [NM_103273]
AT1G56660	4.69	0.00049478	0.0150816	0.00031911	0.02134615	NM_104542	ref|Arabidopsis thaliana uncharacterized protein (AT1G36622) mRNA, complete cds [NM_001084200]
AT1G57630	29.98	0.00000001	0.00006418	0	0	NM_104560	ref|Arabidopsis thaliana uncharacterized protein (AT1G36640) mRNA, complete cds [NM_103338]
AT1G58340	3.37	0.00030079	0.01073537	0.00108647	0.05187962	NM_104614	ref|Arabidopsis thaliana bZIP transcription factor 60 (BZIP60) mRNA, complete cds [NM_103458]
AT1G58420	10.13	0.00000015	0.00009887	0.00001681	0.00279412	NM_104622	Unknown
AT1G58602	2.54	0.00226336	0.0418093	0.00402057	0.12687369	NM_148600	ref|Arabidopsis thaliana RNI-like family protein-like protein (AT5G21900) mRNA, complete cds [NM_147873]
AT1G59590	6.03	0.00002693	0.00183615	0.00010637	0.01004175	NM_104652	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT1G43910) mRNA, complete cds [NM_103518]
AT1G59620	2.73	0.00259159	0.04514322	0.00298961	0.10423285	NM_104655	ref|Arabidopsis thaliana aspartyl protease-like protein (AT1G44130) mRNA, complete cds [NM_103539]
AT1G59710	2.45	0.00169828	0.0348441	0.0045356	0.13858108	NM_104663	ref|Arabidopsis thaliana uncharacterized protein (AT5G21940) mRNA, complete cds [NM_147877]
AT1G59840	-2.16	0.00099108	0.02476058	0.00415502	0.24787599	NM_104677	ref|Arabidopsis thaliana uncharacterized protein (AT1G44920) mRNA, complete cds [NM_103574]
AT1G59870	3.06	0.0000783	0.00402505	0.00149248	0.06397156	NM_104680	ref|Arabidopsis thaliana TRAM, LAG1 and CLN8 (TLC) lipid-sensing domain containing protein (AT1G45010) mRNA, complete cds [NM_10
AT1G59960	2.02	0.00133331	0.02989203	0.01237881	0.27725111	NM_104688	ref|Arabidopsis thaliana thioredoxin H5 (TRX5) mRNA, complete cds [NM_103588]
AT1G60550	-2.09	0.00707917	0.0858691	0.00389496	0.23963265	NM_104739	ref|Arabidopsis thaliana chaperone protein dnaJ 2 (J2) mRNA, complete cds [NM_122127]
AT1G60600	-2.11	0.00331296	0.05286235	0.00559907	0.28673839	NM_001124050	ref|Arabidopsis thaliana putative CCR4-associated factor 1-11 (AT5G22250) mRNA, complete cds [NM_122130]
AT1G60690	-2.13	0.00036657	0.01230618	0.00554556	0.28561503	NM_104752	ref|Arabidopsis thaliana uncharacterized protein (AT5G22270) mRNA, complete cds [NM_122132]
AT1G60730	4.74	0.00002751	0.00186221	0.00027311	0.01944882	NM_001198342	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT1G47480) mRNA, complete cds [NM_103640]
AT1G60790	-2	0.00096162	0.02424543	0.01041575	0.35872049	NM_104762	ref|Arabidopsis thaliana receptor like protein 7 (RLP7) mRNA, complete cds [NM_103687]
AT1G60950	-2.51	0.00098884	0.0247361	0.0007448	0.11985765	NM_104775	ref|Arabidopsis thaliana bifunctional nitrilase/nitrile hydratase NIT4 (NIT4) mRNA, complete cds [NM_122135]
AT1G61120	3.57	0.00003362	0.00212905	0.00079412	0.04118119	NM_104793	ref|Arabidopsis thaliana serine/threonine protein kinase (AT1G48210) mRNA, complete cds [NM_103718]
AT1G61250	2.15	0.00632185	0.07998711	0.00995644	0.23683851	NM_104806	ref|Arabidopsis thaliana Novel plant SNARE 12 (NPSN12) mRNA, complete cds [NM_103721]
AT1G61340	8.42	0.00001821	0.00141763	0.00002831	0.00401254	NM_001198342	ref|Arabidopsis thaliana putative phosphopantothenoylcysteine decarboxylase (ATHAL3B) mRNA, complete cds [NM_202265]
AT1G61360	4.67	0.00000195	0.00031415	0.00024989	0.01843393	NM_001160972	ref|Arabidopsis thaliana chorismate synthase (EMB1144) mRNA, complete cds [NM_103779]
AT1G61420	5.46	0.00005486	0.00307233	0.0001621	0.01375235	NM_104823	ref|Arabidopsis thaliana uncharacterized protein (AT1G49000) mRNA, complete cds [NM_103793]
AT1G61460	2.45	0.0011263	0.02680377	0.00482508	0.14478434	NM_104827	ref|Arabidopsis thaliana uncharacterized protein (AT5G22520) mRNA, complete cds [NM_122157]
AT1G61470	3.31	0.00001243	0.00108368	0.00098319	0.04801296	NM_104828	ref|Arabidopsis thaliana aspartyl protease (AT1G49050) mRNA, complete cds [NM_001084222]
AT1G61560	6.66	0.00001329	0.0011344	0.00007121	0.00759434	NM_104836	ref|Arabidopsis thaliana uncharacterized protein (AT1G49310) mRNA, complete cds [NM_103821]
AT1G61610	4.5	0.00004249	0.00256115	0.00033724	0.02223032	NM_104843	ref|Arabidopsis thaliana uncharacterized protein (AT1G49975) mRNA, complete cds [NM_103885]
AT1G61640	2.8	0.00843273	0.09555902	0.00316917	0.10865049	NM_202336	ref|Arabidopsis thaliana uncharacterized protein (AT1G50040) mRNA, complete cds [NM_103892]
AT1G61795	-2.24	0.00048426	0.01490698	0.00296019	0.21281399	NM_001084242	ref|Arabidopsis thaliana NB-ARC domain-containing disease resistance protein (AT1G50180) mRNA, complete cds [NM_103903]
AT1G61800	41.55	0.00000062	0.00017695	0	0	NM_104862	ref|Arabidopsis thaliana Protein kinase family protein with ARM repeat domain (FU) mRNA, complete cds [NM_001084223]
AT1G62300	5.71	0.00001108	0.00099977	0.00012318	0.01111776	NM_104910	ref|Arabidopsis thaliana phototropic-responsive NPH3-like protein (AT1G50280) mRNA, complete cds [NM_103912]
AT1G62422	2.84	0.00018851	0.00763157	0.00216143	0.08311224	NM_001084242	ref|Arabidopsis thaliana stigma-specific stig1-like protein (AT1G50650) mRNA, complete cds [NM_103947]
AT1G62510	-6.85	0.00000117	0.00024407	0	0	NM_104930	ref|Arabidopsis thaliana uncharacterized protein (AT1G50732) mRNA, complete cds [NM_001198260]
AT1G62840	3.94	0.00013499	0.00601992	0.00060283	0.03382134	NM_104962	ref|Arabidopsis thaliana Transmembrane proteins 14C (AT1G50740) mRNA, complete cds [NM_103956]
AT1G63120	-2.27	0.00227729	0.04193679	0.00230893	0.196629	NM_104990	ref|Arabidopsis thaliana uncharacterized protein (AT5G22530) mRNA, complete cds [NM_122158]
AT1G63240	-2.13	0.00468629	0.06647241	0.00426648	0.24990933	NM_105003	ref|Arabidopsis thaliana armadillo/beta-catenin-like repeat-containing protein (AT1G50890) mRNA, complete cds [NM_103969]
AT1G63245	2.66	0.00011482	0.00538612	0.00293299	0.10289372	NM_148623	ref|Arabidopsis thaliana uncharacterized protein (AT1G51080) mRNA, complete cds [NM_103986]
AT1G63720	2.38	0.00179936	0.03605093	0.00582331	0.16478723	NM_105049	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G51620) mRNA, complete cds [NM_104040]
AT1G63750	2.42	0.00029277	0.01053582	0.00473529	0.14275333	NM_001084242	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase 4 (MKK4) mRNA, complete cds [NM_104044]
AT1G63840	2.7	0.00020898	0.00826777	0.00284852	0.10126572	NM_105059	ref|Arabidopsis thaliana Dof zinc finger protein DOF1.7 (DOF1) mRNA, complete cds [NM_104048]
AT1G63860	4.05	0.00001451	0.0012107	0.00045688	0.02758344	AK226693	ref|Arabidopsis thaliana IAA-amino acid hydrolase ILR1-like 4 (IAR3) mRNA, complete cds [NM_104055]
AT1G64065	3.24	0.00016613	0.0069559	0.00121628	0.05544355	NM_202357	ref|Arabidopsis thaliana IAA-amino acid hydrolase ILR1-like 5 (ILL5) mRNA, complete cds [NM_104057]
AT1G64170	3.63	0.00005541	0.00309706	0.0007793	0.04073988	NM_105090	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT1G51790) mRNA, complete cds [NM_104058]
AT1G64180	-2.33	0.0054378	0.0731837	0.00141088	0.15989975	NM_105091	ref|Arabidopsis thaliana uncharacterized protein (AT5G22540) mRNA, complete cds [NM_122159]
AT1G64280	2.5	0.00235072	0.04265625	0.0044927	0.13773559	NM_105102	ref|Arabidopsis thaliana putative leucine-rich repeat protein kinase (AT1G51800) mRNA, complete cds [NM_104059]
AT1G64355	-2.37	0.00028145	0.01023925	0.00167271	0.17631702	NM_001036161	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT1G51820) mRNA, complete cds [NM_104062]
AT1G64380	-2.07	0.00089314	0.02303927	0.00658801	0.30839545	NM_105113	ref|Arabidopsis thaliana Leucine-rich repeat protein kinase family protein (AT1G51850) mRNA, complete cds [NM_104065]
AT1G64400	4.13	0.00038582	0.01282835	0.00053759	0.031287	NM_105115	ref|Arabidopsis thaliana putative leucine-rich repeat protein kinase (AT1G51890) mRNA, complete cds [NM_104069]
AT1G64405	3.42	0.00004903	0.00282836	0.00097302	0.04777416	NM_105116	ref|Arabidopsis thaliana uncharacterized protein (AT1G51913) mRNA, complete cds [NM_001084231]
AT1G64610	5.53	0.00000654	0.00068762	0.00013866	0.01203455	NM_105136	ref|Arabidopsis thaliana cryptdin-related protein (AT1G51915) mRNA, complete cds [NM_104072]
AT1G64680	-2.11	0.00033201	0.01145512	0.00618222	0.29995708	NM_105143	ref|Arabidopsis thaliana uncharacterized protein (AT1G51920) mRNA, complete cds [NM_104073]
AT1G64770	-2.15	0.0054023	0.0729809	0.00305506	0.21585938	NM_001036161	ref|Arabidopsis thaliana putative WRKY transcription factor 38 (WRKY38) mRNA, complete cds [NM_122163]
AT1G64780	-2.33	0.00155746	0.03299645	0.0016705	0.17649533	NM_105152	ref|Arabidopsis thaliana LysM type receptor kinase-like protein (AT1G51940) mRNA, complete cds [NM_104075]
AT1G65040	3.12	0.00641705	0.08082978	0.00239717	0.08958678	NM_179512	ref|Arabidopsis thaliana PLAC8 family protein (AT1G52200) mRNA, complete cds [NM_104100]
AT1G65295	-2.02	0.00276433	0.04681755	0.00830827	0.32898424	NM_105203	ref|Arabidopsis thaliana uncharacterized protein (AT1G52342) mRNA, complete cds [NM_001123999]
AT1G65390	7.62	0.00000424	0.00049987	0.00004135	0.00512329	NM_202365	ref|Arabidopsis thaliana signal peptidase, endoplasmic reticulum-type (AT1G52600) mRNA, complete cds [NM_104138]
AT1G65450	-2.31	0.00221924	0.04128103	0.0017594	0.18123007	NM_105220	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G22690) mRNA, complete cds [NM_122175]
AT1G65486	4.39	0.00018822	0.00763157	0.00038545	0.02430962	NM_001124050	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT1G52750) mRNA, complete cds [NM_104153]
AT1G65500	5.5	0.00001803	0.00140559	0.00015789	0.01344633	NM_105224	ref|Arabidopsis thaliana uncharacterized protein (AT1G52780) mRNA, complete cds [NM_104156]
AT1G65610	3.33	0.00034083	0.01167602	0.00123153	0.05591365	NM_105234	ref|Arabidopsis thaliana auxin-responsive protein IAA6 (IAA6) mRNA, complete cds [NM_104161]
AT1G65690	25.61	0.00000149	0.0002752	0	0	NM_105243	ref|Arabidopsis thaliana NAC domain-containing protein 19 (NAC019) mRNA, complete cds [NM_104167]
AT1G65790	5.95	0.00003285	0.00208902	0.00011455	0.0105071	NM_105252	ref|Arabidopsis thaliana uncharacterized protein (AT1G53450) mRNA, complete cds [NM_104223]
AT1G65820	2.33	0.00011455	0.00538435	0.00524303	0.15256757	NM_001160972	ref|Arabidopsis thaliana HSP20-like chaperone (AT1G53540) mRNA, complete cds [NM_104232]
AT1G65845	4.86	0.00003485	0.00218578	0.00022755	0.01723618	NM_179515	ref|Arabidopsis thaliana uncharacterized protein (AT1G53625) mRNA, complete cds [NM_179473]
AT1G65970	54.2	0.00000059	0.00017114	0	0	NM_105269	ref|Arabidopsis thaliana GDSL esterase/lipase (AT1G54000) mRNA, complete cds [NM_104277]
AT1G66090	20.37	0.00000013	0.00009777	0.00000066	0.00037975	NM_105280	ref|Arabidopsis thaliana epithiospecifier protein (ESP) mRNA, complete cds [NM_180632]

AT1G66100	-2.42	0.00060818	0.01764066	0.00121628	0.15277778	NM_105281	ref|Arabidopsis thaliana uncharacterized protein (AT1G54575) mRNA, complete cds [NM_202299]
AT1G66160	4.39	0.00000183	0.00030434	0.00029987	0.02063927	NM_105287	ref|Arabidopsis thaliana uncharacterized protein (AT1G55160) mRNA, complete cds [NM_001160954]
AT1G66590	2.81	0.00004435	0.00265285	0.00213114	0.08229718	NM_179521	ref|Arabidopsis thaliana arabinogalactan protein 21 (AGP21) mRNA, complete cds [NM_104409]
AT1G66600	14.28	0.00000111	0.00023443	0.0000031	0.00090323	NM_105331	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (AT1G55450) mRNA, complete cds [NM
AT1G66700	22.67	0.00000018	0.00010427	0	0	NM_202367	ref|Arabidopsis thaliana cellulose synthase-like protein E1 (CSLE1) mRNA, complete cds [NM_104462]
AT1G66725	3.07	0.00046882	0.01462074	0.0017207	0.07099453	AY615373	ref|Arabidopsis thaliana calcium sensing receptor (CaS) mRNA, complete cds [NM_122212]
AT1G66830	2.04	0.00072667	0.01995135	0.01047789	0.24486305	NM_105354	ref|Arabidopsis thaliana zinc transporter 11 (ZIP11) mRNA, complete cds [NM_104468]
AT1G66880	10.17	0.00000206	0.00032388	0.00001725	0.00284672	NM_105359	ref|Arabidopsis thaliana putative polyketide cyclase/dehydrase and lipid transport-like protein (AT1G55960) mRNA, complete cds [NM_104474]
AT1G66920	3.9	0.00001843	0.00142621	0.0005303	0.03102199	NM_105363	ref|Arabidopsis thaliana uncharacterized protein (AT1G56060) mRNA, complete cds [NM_104484]
AT1G67360	2.8	0.00019817	0.0079353	0.00232441	0.08751873	NM_179525	ref|Arabidopsis thaliana Leucine-rich repeat transmembrane protein kinase (AT1G56120) mRNA, complete cds [NM_104490]
AT1G67470	2.97	0.00011182	0.00527835	0.00172844	0.07118397	NM_105414	ref|Arabidopsis thaliana Leucine-rich repeat transmembrane protein kinase (AT1G56140) mRNA, complete cds [NM_104492]
AT1G67520	5.19	0.00001571	0.00128256	0.00019261	0.01533451	NM_105419	ref|Arabidopsis thaliana F-box protein PP2-B13 (PP2-B13) mRNA, complete cds [NM_104503]
AT1G67590	-2.15	0.00091354	0.02336553	0.00464706	0.2607196	NM_0010361	ref|Arabidopsis thaliana uncharacterized protein (AT5G23510) mRNA, complete cds [NM_001125794]
AT1G67660	-2.06	0.00349865	0.05474867	0.00615966	0.30015086	NM_0011984	ref|Arabidopsis thaliana Remorin family protein (AT5G23750) mRNA, complete cds [NM_122280]
AT1G67740	-2.05	0.00070308	0.0195494	0.00772645	0.32501395	NM_105442	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G56540) mRNA, complete cds [NM_104531]
AT1G67800	2.95	0.00024549	0.00933636	0.00192459	0.07715426	NM_105448	ref|Arabidopsis thaliana rhamnogalacturonan II specific xylosyltransferase (RXGT1) mRNA, complete cds [NM_104532]
AT1G67810	10.74	0.00000054	0.00016506	0.00001172	0.00218107	NM_105449	ref|Arabidopsis thaliana uncharacterized protein (AT1G56660) mRNA, complete cds [NM_104542]
AT1G67830	-2.06	0.00118981	0.02783357	0.00646307	0.3057113	NM_105451	ref|Arabidopsis thaliana uncharacterized protein (AT5G23850) mRNA, complete cds [NM_122290]
AT1G67850	2.46	0.00095852	0.0242356	0.00455263	0.13891363	NM_202373	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G57630) mRNA, complete cds [NM_104560]
AT1G67900	-2.2	0.00072563	0.01993497	0.00377112	0.23586445	NM_202374	ref|Arabidopsis thaliana MATE efflux family protein (ZF14) mRNA, complete cds [NM_104614]
AT1G67920	12.52	0.00000014	0.00009777	0.00000641	0.00141463	NM_105462	ref|Arabidopsis thaliana uncharacterized protein (AT1G58420) mRNA, complete cds [NM_104622]
AT1G67970	2.26	0.00163361	0.03404438	0.00680739	0.18455036	NM_105467	ref|Arabidopsis thaliana LRR and NB-ARC domain-containing disease resistance protein (AT1G58602) mRNA, complete cds [NM_148600]
AT1G67980	11.85	0.00000014	0.00009777	0.00000708	0.00149533	NM_202375	ref|Arabidopsis thaliana protein ZCF37 (ZCF37) mRNA, complete cds [NM_104652]
AT1G68190	-2.12	0.004413	0.06391639	0.0045418	0.25866499	NM_105490	ref|Arabidopsis thaliana disease resistance (CC-NBS-LRR class) family protein (CW9) mRNA, complete cds [NM_104655]
AT1G68220	-2.15	0.00183845	0.03655886	0.00413932	0.24759259	NM_105493	ref|Arabidopsis thaliana acidic endochitinase (CHIA) mRNA, complete cds [NM_122314]
AT1G68300	2.46	0.0009286	0.02366221	0.00476095	0.14324019	NM_105501	ref|Arabidopsis thaliana uncharacterized protein (AT1G59710) mRNA, complete cds [NM_104663]
AT1G68390	3.38	0.00009936	0.00481595	0.00094405	0.04645267	NM_105510	ref|Arabidopsis thaliana cofactor assembly of complex C (CCB4) mRNA, complete cds [NM_104677]
AT1G68560	-2.1	0.00159657	0.03359566	0.00598319	0.29504907	NM_105527	ref|Arabidopsis thaliana arabinogalactan protein 41 (AGP41) mRNA, complete cds [NM_203099]
AT1G68620	20.64	0.00000378	0.00046889	0.00000066	0.00036585	NM_105534	ref|Arabidopsis thaliana ABC transporter G family member 36 (PEN3) mRNA, complete cds [NM_104680]
AT1G68710	2.16	0.00180784	0.0361248	0.00816077	0.20743676	NM_105543	ref|Arabidopsis thaliana WRKY DNA-binding protein 30 (WRKY30) mRNA, complete cds [NM_122316]
AT1G68780	-2.4	0.00041694	0.01343839	0.00139562	0.15936869	NM_105551	ref|Arabidopsis thaliana putative Aldo/keto reductase (AT1G59960) mRNA, complete cds [NM_104688]
AT1G68840	2.93	0.00921591	0.10124964	0.00273706	0.09862151	NM_105558	ref|Arabidopsis thaliana naphthoate synthase (ECHID) mRNA, complete cds [NM_104739]
AT1G68870	-3.11	0.00023685	0.00907651	0.00006524	0.03041237	NM_105560	ref|Arabidopsis thaliana 1,4-dihydroxy-2-naphthoate octaprenyltransferase (ABC4) mRNA, complete cds [NM_001124046]
AT1G69160	-2.49	0.00078269	0.02101749	0.00084586	0.12665563	NM_105583	ref|Arabidopsis thaliana FAD/NAD(P)-binding oxidoreductase family protein (AT5G24155) mRNA, complete cds [NM_147909]
AT1G69440	2.06	0.00212325	0.04010586	0.01171075	0.2659769	NM_105611	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT5G24200) mRNA, complete cds [NM_122326]
AT1G69490	2.68	0.00256652	0.04492295	0.00375188	0.12101284	NM_105616	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT1G60690) mRNA, complete cds [NM_104752]
AT1G69520	4.67	0.00000321	0.00043258	0.0002437	0.01815486	NM_105619	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT1G60730) mRNA, complete cds [NM_001198345]
AT1G69523	-2.84	0.00004758	0.00277249	0.00020212	0.05858974	NM_105620	ref|Arabidopsis thaliana uncharacterized protein (TBL2) mRNA, complete cds [NM_104762]
AT1G69690	-2.22	0.00227768	0.04193679	0.00313003	0.21842593	NM_105637	ref|Arabidopsis thaliana ferredoxin-2 (FED A) mRNA, complete cds [NM_104775]
AT1G69720	4.92	0.00059688	0.01741358	0.00027886	0.01973396	NM_0011241	ref|Arabidopsis thaliana terpene synthase 04 (TPS04) mRNA, complete cds [NM_104793]
AT1G69730	2.43	0.00049422	0.0150816	0.0047395	0.14268975	NM_105641	ref|Arabidopsis thaliana lipase class 3 family protein (AT5G24210) mRNA, complete cds [NM_122327]
AT1G69890	3.58	0.00046773	0.0146176	0.00081999	0.0419932	NM_105657	ref|Arabidopsis thaliana secretory carrier-associated membrane protein 3 (SC3) mRNA, complete cds [NM_104806]
AT1G69900	2.54	0.00065391	0.01855068	0.00350597	0.11563822	NM_105658	ref|Arabidopsis thaliana F-box protein (AT1G61340) mRNA, complete cds [NM_001198350]
AT1G69920	2.9	0.00163371	0.03404438	0.00235537	0.08853699	NM_105660	ref|Arabidopsis thaliana S-like receptor protein kinase (AT1G61360) mRNA, complete cds [NM_001160966]
AT1G69930	9.61	0.00000038	0.00013967	0.00001791	0.00288256	NM_105661	ref|Arabidopsis thaliana putative S-locus protein kinase (AT1G61420) mRNA, complete cds [NM_104823]
AT1G70170	2.54	0.00394807	0.05925377	0.00460593	0.13978523	NM_105685	ref|Arabidopsis thaliana putative S-locus protein kinase (AT1G61460) mRNA, complete cds [NM_104827]
AT1G70520	2.4	0.00386716	0.05846389	0.00604931	0.17022402	NM_105720	ref|Arabidopsis thaliana 6-phosphogluconolactonase 5 (PGL5) mRNA, complete cds [NM_122350]
AT1G70700	2.28	0.00191464	0.03747767	0.00711389	0.18978761	NM_105738	ref|Arabidopsis thaliana downy mildew resistance 6 protein / oxidoreductase (DMR6) mRNA, complete cds [NM_122361]
AT1G70740	2.07	0.00076659	0.0207577	0.01002919	0.23831844	NM_105742	ref|Arabidopsis thaliana putative CCR4-associated factor 1-5 (AT1G61470) mRNA, complete cds [NM_104828]
AT1G70760	-2.42	0.0004509	0.01428296	0.00116873	0.14929379	NM_105744	ref|Arabidopsis thaliana MLO-like protein 6 (MLO6) mRNA, complete cds [NM_104836]
AT1G70810	2.61	0.00124464	0.02871585	0.00357231	0.11680405	NM_105749	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT1G61610) mRNA, complete cds [NM_104843]
AT1G70885	-2.47	0.00201723	0.0388498	0.00080341	0.12357143	AY090969	ref|Arabidopsis thaliana TCV-interacting protein (TIP) mRNA, complete cds [NM_122367]
AT1G70890	-2.58	0.00481729	0.06770438	0.00036134	0.08645503	NM_105756	ref|Arabidopsis thaliana aarF domain-containing kinase (AT1G61640) mRNA, complete cds [NM_202336]
AT1G70985	-2.6	0.00032625	0.01133114	0.00053892	0.1041453	NM_105767	ref|Arabidopsis thaliana PAK-box/P21-Rho-binding family protein (AT1G61795) mRNA, complete cds [NM_001084287]
AT1G70990	2.05	0.0061635	0.07863651	0.01255949	0.279086	NM_105768	ref|Arabidopsis thaliana alcohol dehydrogenase-like 6 (AT5G24760) mRNA, complete cds [NM_001085150]
AT1G71040	2.61	0.00154666	0.03288189	0.00380827	0.12248222	NM_105773	ref|Arabidopsis thaliana glucose-6-phosphate/phosphate translocator 2 (GPT2) mRNA, complete cds [NM_104862]
AT1G71100	2.25	0.00033519	0.01149166	0.00661035	0.18050725	NM_105779	ref|Arabidopsis thaliana WRKY transcription factor 6 (WRKY6) mRNA, complete cds [NM_104910]
AT1G71400	3.85	0.00000635	0.00067695	0.00056325	0.03224051	NM_105809	ref|Arabidopsis thaliana uncharacterized protein (AT1G62422) mRNA, complete cds [NM_001084290]
AT1G71520	4.73	0.00024731	0.00937515	0.00030606	0.02093797	NM_105820	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT1G62510) mRNA, complete cds [N
AT1G71695	-2.26	0.0020142	0.03881146	0.0025533	0.20150087	NM_105826	ref|Arabidopsis thaliana uncharacterized protein (AT1G62840) mRNA, complete cds [NM_104962]
AT1G71697	2.95	0.00047274	0.01471266	0.0019686	0.07822496	NM_105828	ref|Arabidopsis thaliana rhomboid -like 2 (RBL2) mRNA, complete cds [NM_104990]
AT1G71880	5.39	0.00203014	0.0389925	0.00021318	0.01631134	NM_105846	ref|Arabidopsis thaliana uncharacterized protein (AT1G63240) mRNA, complete cds [NM_105003]
AT1G72000	2.32	0.00971347	0.10438289	0.00792437	0.2038339	NM_105858	ref|Arabidopsis thaliana CLAVATA3/ESR-related protein 14 (CLE14) mRNA, complete cds [NM_148623]
AT1G72060	7.37	0.00000136	0.00026433	0.00005307	0.00613811	NM_105864	ref|Arabidopsis thaliana uncharacterized protein (AT1G63720) mRNA, complete cds [NM_105049]
AT1G72120	2.57	0.00067534	0.0190154	0.00371207	0.12015748	NM_105870	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G63750) mRNA, complete cds [NM_001084299]
AT1G72150	-2.09	0.00375119	0.0573388	0.00464175	0.26074534	NM_105873	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT1G63840) mRNA, complete cds [NM_105059]
AT1G72200	-2.15	0.00064407	0.01836361	0.00440336	0.25397959	NM_105879	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL07-56-M06 [AK226693]
AT1G72280	5.77	0.00000424	0.00049987	0.00011278	0.01042945	NM_105887	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT1G64065) mRNA, complete cds [NM_202357]
AT1G72416	2.32	0.00418768	0.06190481	0.00696263	0.1868546	NM_0010361	ref|Arabidopsis thaliana ABC1 family protein (AT5G24810) mRNA, complete cds [NM_001203459]
AT1G72430	-2.18	0.00843142	0.09555902	0.00245997	0.20043243	NM_105902	ref|Arabidopsis thaliana cation/H(+) antiporter 16 (CHX16) mRNA, complete cds [NM_105090]
AT1G72520	6.42	0.00000461	0.0005324	0.00007762	0.00805046	NM_105911	ref|Arabidopsis thaliana intracellular protein transport protein USO1-like protein (AT1G64180) mRNA, complete cds [NM_105091]
AT1G72650	-2	0.00516726	0.07091453	0.00813689	0.32882038	NM_202404	ref|Arabidopsis thaliana cytochrome P450, family 714, subfamily A, polypeptide 1 (CYP714A1) mRNA, complete cds [NM_122400]
AT1G72670	-2.19	0.00658216	0.08224523	0.00268399	0.20606112	NM_105926	ref|Arabidopsis thaliana early nodulin-like protein 3 (ENODL13) mRNA, complete cds [NM_122418]
AT1G72680	3.03	0.00002948	0.0019593	0.00148916	0.06388994	NM_105927	ref|Arabidopsis thaliana Regulatory protein NPR1 (NPR1) mRNA, complete cds [NM_105102]
AT1G72790	-2.58	0.00101377	0.02507808	0.0004843	0.10186047	NM_105937	ref|Arabidopsis thaliana uncharacterized protein (AT5G25240) mRNA, complete cds [NM_122433]
AT1G72890	2.96	0.000269	0.00994627	0.00192437	0.07721384	NM_105947	ref|Arabidopsis thaliana uncharacterized protein (AT1G64355) mRNA, complete cds [NM_001036153]
AT1G72900	17.33	0.00000011	0.00009774	0.00000111	0.00042735	NM_105948	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF061 (AT1G64380) mRNA, complete cds [NM_105113]
AT1G72910	14.04	0.00000107	0.00022821	0.00000376	0.0010119	NM_105949	ref|Arabidopsis thaliana long-chain acyl-CoA synthetase (LACS3) mRNA, complete cds [NM_105115]
AT1G72920	10.08	0.00001008	0.00093203	0.00001437	0.00248092	NM_105950	ref|Arabidopsis thaliana uncharacterized protein (AT1G64405) mRNA, complete cds [NM_105116]
AT1G72930	3.68	0.00001963	0.00148229	0.00070301	0.03775534	NM_0010843	ref|Arabidopsis thaliana WD40 domain-containing protein (AT1G64610) mRNA, complete cds [NM_105136]
AT1G72940	4.97	0.00001473	0.00122218	0.00021119	0.01626917	NM_105952	ref|Arabidopsis thaliana uncharacterized protein (AT1G64680) mRNA, complete cds [NM_105143]
AT1G72950	4.28	0.00001647	0.00132091	0.00039297	0.02464632	NM_105953	ref|Arabidopsis thaliana NDH-dependent cyclic electron flow 1 (NDF2) mRNA, complete cds [NM_001036156]
AT1G73010	3.24	0.00254835	0.04475196	0.00162362	0.06829767	NM_105959	ref|Arabidopsis thaliana ammonium transporter 1;2 (AMT1;2) mRNA, complete cds [NM_105152]
AT1G73500	8.65	0.00001618	0.00130534	0.00003184	0.00435045	NM_106009	ref|Arabidopsis thaliana ubiquitin-protein ligase synoviolin (AT1G65040) mRNA, complete cds [NM_179512]
AT1G73540	6.04	0.00049873	0.01510587	0.00011433	0.01050813	NM_106012	ref|Arabidopsis thaliana uncharacterized protein (AT1G65295) mRNA, complete cds [NM_105203]
AT1G73805	20.44	0.00000145	0.00027382	0.00000066	0.00037037	NM_106040	ref|Arabidopsis thaliana protein PHLOEM protein 2-LIKE A5 (PP2-A5) mRNA, complete cds [NM_202365]
AT1G73810	3.91	0.00027786	0.01015749	0.00057386	0.03272383	NM_106041	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT1G65450) mRNA, complete cds [NM_105220]
AT1G73870	-2.26	0.00038797	0.01286376	0.00318753	0.21872534	NM_106047	ref|Arabidopsis thaliana uncharacterized protein (AT1G65486) mRNA, complete cds [NM_001124079]
AT1G74070	-2.56	0.00013651	0.00608166	0.0007123	0.11798535	NM_106067	ref|Arabidopsis thaliana uncharacterized protein (AT1G65500) mRNA, complete cds [NM_105224]
AT1G74080	4.71	0.00002018	0.00150614	0.00024613	0.0182459	NM_106068	ref|Arabidopsis thaliana endoglucanase 7 (KOR2) mRNA, complete cds [NM_105234]
AT1G74100	6.41	0.0000201	0.001505	0.00008779	0.00880266	NM_106070	ref|Arabidopsis thaliana late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein (AT1G65690) mRNA, complete cds [NM_10524
AT1G74210	2.06	0.00127188	0.02904769	0.01095157	0.25292646	NM_106081	ref|Arabidopsis thaliana receptor kinase 1 (RK1) mRNA, complete cds [NM_105252]
AT1G74360	13.07	0.00002486	0.00173428	0.00000553	0.00130208	NM_106096	ref|Arabidopsis thaliana glutathione S-transferase (AT1G65820) mRNA, complete cds [NM_001160979]
AT1G74440	3.82	0.00001767	0.00138264	0.00054246	0.03128827	NM_106104	ref|Arabidopsis thaliana uncharacterized protein (AT1G65845) mRNA, complete cds [NM_179515]
AT1G74590	20.48	0.00000007	0.0000859	0.00000044	0.00027027	NM_106118	ref|Arabidopsis thaliana peroxiredoxin-2C (TPX2) mRNA, complete cds [NM_105269]
AT1G74670	-5.49	0.00000814	0.00080115	0	0	NM_106125	ref|Arabidopsis thaliana TIR-NBS class of disease resistance protein (AT1G66090) mRNA, complete cds [NM_105280]
AT1G74710	6.65	0.0002771	0.01013802	0.0000743	0.00785047	NM_202414	ref|Arabidopsis thaliana thionin (AT1G66100) mRNA, complete cds [NM_105281]
AT1G74880	-2.1	0.00096107	0.02424543	0.00557607	0.28620885	NM_106146	ref|Arabidopsis thaliana U-box domain-containing protein 20 (CMPG1) mRNA, complete cds [NM_105287]
AT1G74930	10.12	0.00000068	0.00018495	0.00001592	0.00267658	NM_106151	ref|Arabidopsis thaliana cytochrome c oxidase 19-1 (COX19-1) mRNA, complete cds [NM_179521]
AT1G75000	3.82	0.00011905	0.0055443	0.00063534	0.03503659	NM_106157	ref|Arabidopsis thaliana putative WRKY transcription factor 63 (ABO3) mRNA, complete cds [NM_105331]
AT1G75020	2.16	0.00154317	0.03285401	0.0090502	0.22290305	NM_202415	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (PXMT1) mRNA, complete cds [NM_20
AT1G75040	10.03	0.00000118	0.00024407	0.00001526	0.00257463	NM_106161	gb|Arabidopsis thaliana microRNA miR163 type 1 precursor, complete sequence; alternatively spliced [AY615373]
AT1G75170	3.98	0.00001202	0.00106346	0.0005084	0.03005229	NM_106173	ref|Arabidopsis thaliana putative leucine-rich repeat transmembrane protein kinase (AT1G66830) mRNA, complete cds [NM_105354]
AT1G75250	-2.04	0.00172862	0.03516346	0.00811632	0.32857654	NM_106181	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G66880) mRNA, complete cds [NM_105359]
AT1G75710	-2.21	0.00063938	0.01829935	0.0035962	0.23066667	NM_106222	ref|Arabidopsis thaliana protein kinase-like protein (AT1G66920) mRNA, complete cds [NM_105363]
AT1G75750	-2.42	0.00036655	0.01230618	0.00125918	0.15389189	NM_0011984	ref|Arabidopsis thaliana Rubber elongation factor protein (REF) (AT1G67360) mRNA, complete cds [NM_179525]
AT1G75820	-2.3	0.00410094	0.06094133	0.00180716	0.18241071	NM_106232	ref|Arabidopsis thaliana Flotillin-like protein 1 (AT5G25250) mRNA, complete cds [NM_122434]
AT1G75830	5.67	0.00000308	0.00042229	0.00013136	0.01157895	NM_106233	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G67470) mRNA, complete cds [NM_105414]
AT1G76020	-2.14	0.00044934	0.01425914	0.0049153	0.26909201	NM_106250	ref|Arabidopsis thaliana Flotillin-like protein 2 (AT5G25260) mRNA, complete cds [NM_122435]
AT1G76040	3.82	0.00025388	0.00956235	0.00068863	0.03729341	NM_202421	ref|Arabidopsis thaliana lectin protein kinase-like protein (AT1G67520) mRNA, complete cds [NM_105419]
AT1G76090	-2.88	0.00044006	0.01399397	0.00015546	0.05021429	NM_106258	ref|Arabidopsis thaliana Remorin family protein (AT1G67590) mRNA, complete cds [NM_001036171]
AT1G76240	-2.45	0.00053403	0.01594533	0.00105374	0.14439394	NM_106274	ref|Arabidopsis thaliana Restriction endonuclease, type II-like protein (AT1G67660) mRNA, complete cds [NM_001198416]
AT1G76490	-2.14	0.00396007	0.05939453	0.00419814	0.24946124	NM_106299	ref|Arabidopsis thaliana protein kinase family protein (AT5G25440) mRNA, complete cds [NM_122454]
AT1G76600	12.45	0.00000578	0.00063092	0.00000641	0.00140777	NM_106310	ref|Arabidopsis thaliana photosystem II protein psbY-2 (PSBY) mRNA, complete cds [NM_105442]
AT1G76650	9.26	0.00000584	0.00063371	0.00001725	0.00285714	NM_0011984	ref|Arabidopsis thaliana Copine (Calcium-dependent phospholipid-binding protein) family protein (AT1G67800) mRNA, complete cds [NM_105
AT1G76680	3.25	0.00030176	0.01075306	0.00129655	0.05799209	NM_202428	ref|Arabidopsis thaliana sulfur E2 (SUFE2) mRNA, complete cds [NM_105449]
AT1G76960	6.34	0.00001926	0.00147102	0.00009199	0.00910284	NM_106347	ref|Arabidopsis thaliana alpha-L-fucosidase 3 (FXG1) mRNA, complete cds [NM_105451]
AT1G76970	3.28	0.00019794	0.00793504	0.00123861	0.05606607	NM_106348	ref|Arabidopsis thaliana uncharacterized protein (AT1G67850) mRNA, complete cds [NM_202373]
AT1G77360	2.08	0.00042321	0.01361137	0.0094958	0.23024129	NM_106385	ref|Arabidopsis thaliana uncharacterized protein (AT5G25460) mRNA, complete cds [NM_122456]

AT1G77450	2.76	0.00046778	0.0146176	0.00255683	0.094	NM_106394	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT5G25630) mRNA, complete cds [NM_001203471]
AT1G77510	2.54	0.00105028	0.02565833	0.00409	0.12808172	NM_106400	ref|Arabidopsis thaliana phototropic-responsive NPH3-like protein (AT1G67900) mRNA, complete cds [NM_202374]
AT1G77540	2.07	0.00130405	0.02948453	0.0104812	0.24481405	NM_106403	ref|Arabidopsis thaliana Exostosin family protein (AT5G25820) mRNA, complete cds [NM_122483]
AT1G77630	-2.16	0.00580779	0.07596295	0.00366232	0.23162238	NM_106411	ref|Arabidopsis thaliana receptor like protein 52 (RLP52) mRNA, complete cds [NM_122492]
AT1G77660	2.29	0.00022929	0.00886915	0.00578616	0.16435302	NM_106415	ref|Arabidopsis thaliana uncharacterized protein (AT1G67920) mRNA, complete cds [NM_105462]
AT1G77920	2.19	0.00144853	0.03153702	0.00808757	0.2068552	NM_106441	ref|Arabidopsis thaliana heat stress transcription factor A-8 (HSFA8) mRNA, complete cds [NM_105467]
AT1G78100	-2.71	0.00014926	0.0064897	0.00033525	0.08194595	NM_106460	ref|Arabidopsis thaliana caffeoyl-CoA 3-O-methyltransferase (CCOAMT) mRNA, complete cds [NM_202375]
AT1G78170	-2.37	0.00032622	0.01133114	0.00160946	0.17369928	NM_106467	ref|Arabidopsis thaliana putative zinc finger protein (AT1G68190) mRNA, complete cds [NM_105490]
AT1G78180	-2.25	0.00022313	0.00869595	0.00322357	0.21920301	NM_106468	ref|Arabidopsis thaliana Protein kinase family protein with leucine-rich repeat domain (AT5G25930) mRNA, complete cds [NM_122494]
AT1G78190	2.08	0.00064259	0.01835615	0.01034896	0.24348595	NM_106469	ref|Arabidopsis thaliana uncharacterized protein (AT1G68220) mRNA, complete cds [NM_105493]
AT1G78410	14.23	0.00000152	0.0002752	0.00000265	0.00078947	NM_106488	ref|Arabidopsis thaliana universal stress protein domain-containing protein (AT1G68300) mRNA, complete cds [NM_105501]
AT1G78450	-2	0.00175444	0.03551283	0.00919991	0.34184059	NM_106492	ref|Arabidopsis thaliana ferrochelatase 1 (FC1) mRNA, complete cds [NM_001036864]
AT1G78460	2.98	0.0005418	0.01613968	0.00209155	0.08118455	NM_106493	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT1G68390) mRNA, complete cds [NM_
AT1G78570	2.59	0.00242776	0.04344419	0.00392548	0.12509514	NM_106504	ref|Arabidopsis thaliana alpha-xylosidase 1 (XYL1) mRNA, complete cds [NM_105527]
AT1G78830	2.22	0.00179933	0.03605093	0.00743344	0.19520325	NM_106531	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT1G68620) mRNA, complete cds [NM_105534]
AT1G78850	2.99	0.00058669	0.01718278	0.00199204	0.07874126	NM_106533	ref|Arabidopsis thaliana phospholipid-translocating ATPase (AT1G68710) mRNA, complete cds [NM_105543]
AT1G78970	-2.23	0.00038483	0.01280497	0.00327001	0.22136228	NM_106546	ref|Arabidopsis thaliana leucine-rich repeats-ribonuclease inhibitor domain-containing protein (AT1G68780) mRNA, complete cds [NM_105551
AT1G79450	4.74	0.00002777	0.00187404	0.00026736	0.01919048	NM_106593	ref|Arabidopsis thaliana AP2/ERF and B3 domain-containing transcription factor RAV2 (RAV2) mRNA, complete cds [NM_105558]
AT1G79460	-2.39	0.00722262	0.08693283	0.00109398	0.14464912	NM_106594	ref|Arabidopsis thaliana SOB five-like 2 protein (SOFL2) mRNA, complete cds [NM_105560]
AT1G79500	-2.14	0.00507395	0.07012352	0.00360836	0.23014104	NM_0010362	ref|Arabidopsis thaliana alpha-L-arabinofuranosidase 2 (ASD2) mRNA, complete cds [NM_122513]
AT1G79520	-2.23	0.00610831	0.07824863	0.00238014	0.19748624	NM_106600	ref|Arabidopsis thaliana putative WRKY transcription factor 50 (WRKY50) mRNA, complete cds [NM_122518]
AT1G79680	19.22	0.00000006	0.0000859	0.00000088	0.00044944	NM_106617	ref|Arabidopsis thaliana uncharacterized protein (AT1G69160) mRNA, complete cds [NM_105583]
AT1G79700	-2.28	0.00120001	0.02797127	0.00266895	0.20595563	NM_0010843	ref|Arabidopsis thaliana argonaute-like protein (AGO7) mRNA, complete cds [NM_105611]
AT1G80050	-2.05	0.0012568	0.02886372	0.00728616	0.31711261	NM_106654	ref|Arabidopsis thaliana sugar transport protein 13 (MSS1) mRNA, complete cds [NM_122535]
AT1G80510	2.48	0.00216548	0.04057899	0.00434697	0.13463699	NM_106699	ref|Arabidopsis thaliana transaminase (AT5G26600) mRNA, complete cds [NM_180555]
AT1G80820	2.71	0.00012021	0.00558621	0.00262362	0.09575464	NM_106730	ref|Arabidopsis thaliana NAC domain-containing protein 29 (NAP) mRNA, complete cds [NM_105616]
AT1G80840	45.36	0.00000178	0.00030108	0	0	NM_106732	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (AT1G69520) mRNA, complete cds [NM
AT1G80870	-2.06	0.00924984	0.10145797	0.00522733	0.27776733	NM_106735	ref|Arabidopsis thaliana S-adenosylmethionine-dependent methyltransferase domain-containing protein (AT1G69523) mRNA, complete cds [NM
AT2G01180	3.67	0.00021162	0.00831949	0.00078417	0.04080552	NM_201660	ref|Arabidopsis thaliana transcription factor TCP15 (AT1G69690) mRNA, complete cds [NM_105637]
AT2G01300	3.03	0.00034819	0.01184739	0.00180805	0.07379061	NM_126191	ref|Arabidopsis thaliana heavy-metal-associated domain-containing protein (AT5G26690) mRNA, complete cds [NM_180545]
AT2G01505	-2.47	0.00203691	0.03904262	0.00081911	0.1242953	NM_147231	ref|Arabidopsis thaliana putative germin-like protein subfamily 2 member 5 (AT5G26700) mRNA, complete cds [NM_180544]
AT2G01540	2.44	0.00128642	0.02925896	0.00511477	0.15009085	NM_126215	ref|Arabidopsis thaliana heme oxygenase 3 (HO3) mRNA, complete cds [NM_001124102]
AT2G01755	-2.15	0.00201439	0.03881146	0.00396661	0.24108871	NM_147232	ref|Arabidopsis thaliana wall-associated receptor kinase-like 9 (AT1G69730) mRNA, complete cds [NM_105641]
AT2G01760	-2.94	0.00030539	0.01083131	0.00010261	0.03965812	NM_126237	ref|Arabidopsis thaliana lon protease 1 (LON1) mRNA, complete cds [NM_122568]
AT2G01870	-2.44	0.00053347	0.01594533	0.00111654	0.14592486	NM_126248	ref|Arabidopsis thaliana uncharacterized protein (AT1G69890) mRNA, complete cds [NM_105657]
AT2G01890	-2.52	0.00404488	0.0602521	0.00054047	0.104	NM_126250	ref|Arabidopsis thaliana Actin cross-linking protein (AT1G69900) mRNA, complete cds [NM_105658]
AT2G01918	-2.12	0.00102563	0.02527719	0.00491353	0.26932121	NM_0010358	ref|Arabidopsis thaliana glutathione S-transferase TAU 12 (GSTU12) mRNA, complete cds [NM_105660]
AT2G02010	3.48	0.00167135	0.03455814	0.00119239	0.05474112	NM_126262	ref|Arabidopsis thaliana glutathione S-transferase TAU 11 (GSTU11) mRNA, complete cds [NM_105661]
AT2G02220	3.08	0.00552983	0.07391631	0.00243897	0.09084843	NM_126282	ref|Arabidopsis thaliana matrix metalloproteinase (MMP) mRNA, complete cds [NM_105685]
AT2G02390	2.53	0.00083542	0.02200215	0.00374149	0.12076374	NM_179595	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 2 (CRK2) mRNA, complete cds [NM_105720]
AT2G02810	4.69	0.00006984	0.00371115	0.00029898	0.02060976	NM_126336	ref|Arabidopsis thaliana protein TIFY 7 (TIFY7) mRNA, complete cds [NM_105738]
AT2G02930	11.09	0.00002341	0.00167624	0.00000929	0.00179487	NM_126346	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT1G70740) mRNA, complete cds [NM_105742]
AT2G03420	-2.26	0.00786891	0.09189877	0.00209487	0.19060362	NM_126393	ref|Arabidopsis thaliana inorganic carbon transport protein-related protein (CRR23) mRNA, complete cds [NM_105744]
AT2G03505	2.92	0.00007364	0.00384919	0.00182331	0.07407907	NM_147237	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain (AT1G70810) mRNA, complete cds [NM_105749]
AT2G03510	2.95	0.00005337	0.00301306	0.00181424	0.07384338	NM_126401	gb|Arabidopsis thaliana At1g70885 mRNA sequence [AY090969]
AT2G03760	2.19	0.00020837	0.00825085	0.0072667	0.19205143	NM_126423	ref|Arabidopsis thaliana MLP-like protein 43 (MLP43) mRNA, complete cds [NM_105756]
AT2G04040	2.48	0.00098901	0.0247361	0.00460526	0.13985897	NM_126443	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT1G70985) mRNA, complete cds [NM_105767]
AT2G04070	3.41	0.00016348	0.00689623	0.00093388	0.0462035	NM_126448	ref|Arabidopsis thaliana proline-rich family protein (AT1G70990) mRNA, complete cds [NM_105768]
AT2G04100	3.09	0.0000696	0.00370278	0.00133282	0.05920432	NM_126451	ref|Arabidopsis thaliana cupredoxin-like protein (LPR2) mRNA, complete cds [NM_105773]
AT2G04350	2.13	0.00338702	0.0536411	0.01055639	0.24606186	NM_179603	ref|Arabidopsis thaliana Cam-binding protein 60-like G (CBP60G) mRNA, complete cds [NM_122574]
AT2G04400	7.51	0.00002485	0.00173428	0.00005086	0.00594315	NM_126473	ref|Arabidopsis thaliana ribose 5-phosphate isomerase A (RSW10) mRNA, complete cds [NM_105779]
AT2G04450	5.93	0.00002183	0.00160199	0.00012804	0.01139764	NM_126478	ref|Arabidopsis thaliana receptor like protein 12 (RLP12) mRNA, complete cds [NM_105809]
AT2G04495	2.02	0.00425686	0.0626612	0.01343675	0.2928241	NM_147243	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF020 (AT1G71520) mRNA, complete cds [NM_105820]
AT2G04515	4.51	0.00003546	0.00221133	0.00033392	0.02207602	NM_147244	ref|Arabidopsis thaliana peroxidase 12 (AT1G71695) mRNA, complete cds [NM_105826]
AT2G04790	-2.38	0.00391733	0.0589489	0.00100332	0.14090062	NM_0010844	ref|Arabidopsis thaliana choline kinase 1 (CK1) mRNA, complete cds [NM_105828]
AT2G05050	2.92	0.00046597	0.01460244	0.00215259	0.08291312	NM_0011610	ref|Arabidopsis thaliana sucrose transport protein SUC1 (SUC1) mRNA, complete cds [NM_105846]
AT2G05100	-2.1	0.00085541	0.02235933	0.0063536	0.30435381	NM_126540	ref|Arabidopsis thaliana putative stress regulated protein (AT5G27290) mRNA, complete cds [NM_122611]
AT2G05380	3.23	0.00762042	0.08994919	0.0022061	0.08454237	NM_126561	ref|Arabidopsis thaliana putative invertase (AT1G72000) mRNA, complete cds [NM_105858]
AT2G05620	-2.3	0.00047522	0.01474918	0.00222269	0.19516505	NM_126585	ref|Arabidopsis thaliana serine-type endopeptidase inhibitor (AT1G72060) mRNA, complete cds [NM_105864]
AT2G05940	3.98	0.00026667	0.00990039	0.0006004	0.03372671	NM_126607	ref|Arabidopsis thaliana putative peptide/nitrate transporter (AT1G72120) mRNA, complete cds [NM_105870]
AT2G06050	4.05	0.00000409	0.0004944	0.00042172	0.02587517	NM_0010844	ref|Arabidopsis thaliana patellin-1 (PATL1) mRNA, complete cds [NM_105873]
AT2G06850	-2.43	0.00024604	0.00934966	0.00141685	0.15977556	NM_126666	ref|Arabidopsis thaliana RING-H2 finger protein ATL11 (AT1G72200) mRNA, complete cds [NM_105879]
AT2G07671	2.21	0.00167489	0.03456795	0.00795157	0.20441728	NM_126728	ref|Arabidopsis thaliana sugar transporter ERD6-like 18 (SFP2) mRNA, complete cds [NM_122618]
AT2G07774	2.23	0.00128695	0.02925896	0.00745046	0.19508396	NM_147273	ref|Arabidopsis thaliana endoplasmic oxidoreductin-1 (ERO1) mRNA, complete cds [NM_105887]
AT2G10940	-2.02	0.00551656	0.07380053	0.00633812	0.30393425	NM_179618	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT1G72416) mRNA, complete cds [NM_001036191]
AT2G12400	-2.11	0.00579332	0.07586844	0.00505683	0.27093602	NM_126891	ref|Arabidopsis thaliana Mog1/PsbP/DUF1795-like photosystem II reaction center PsbP family protein (AT5G27390) mRNA, complete cds [NM
AT2G13360	-2.13	0.00114581	0.02715588	0.00490668	0.26927184	NM_126925	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein family (AT1G72430) mRNA, complete cds [NM_105902]
AT2G13431	-2.07	0.00077353	0.02089549	0.00686488	0.31230382	EF182961	ref|Arabidopsis thaliana lipoxygenase 4 (AT1G72520) mRNA, complete cds [NM_105911]
AT2G13790	6.84	0.00001983	0.00149436	0.00007342	0.00777518	NM_126955	ref|Arabidopsis thaliana protein TRF-like 6 (TRFL6) mRNA, complete cds [NM_202404]
AT2G13800	2.3	0.002627	0.04553205	0.00639894	0.17654667	NM_126956	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL31 (CNI1) mRNA, complete cds [NM_122624]
AT2G13810	17.41	0.00000007	0.0000859	0.00000088	0.00035714	NM_126957	ref|Arabidopsis thaliana IQ-domain 8 protein (iqd8) mRNA, complete cds [NM_105926]
AT2G13820	-2	0.00468985	0.06650209	0.00781645	0.32517019	NM_201721	ref|Arabidopsis thaliana peroxisomal adenine nucleotide carrier 2 (PNC2) mRNA, complete cds [NM_122634]
AT2G14247	-2.65	0.00883973	0.09882144	0.00031336	0.07872222	NM_201723	ref|Arabidopsis thaliana putative cinnamyl alcohol dehydrogenase 1 (CAD1) mRNA, complete cds [NM_105927]
AT2G14270	3.3	0.00027666	0.01013802	0.00107408	0.05150583	AY500331	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT1G72790) mRNA, complete cds [NM_105937]
AT2G14560	23.68	0.00000027	0.00012156	0	0	NM_201727	ref|Arabidopsis thaliana TIR-NBS class of disease resistance protein (AT1G72890) mRNA, complete cds [NM_105947]
AT2G14610	6.93	0.00013276	0.00594968	0.00006103	0.00681481	NM_127025	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72900) mRNA, complete cds [NM_105948]
AT2G14750	2.55	0.0000654	0.00352469	0.0033713	0.11284234	NM_127039	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72910) mRNA, complete cds [NM_105949]
AT2G14890	-2.02	0.00108785	0.0262346	0.00938257	0.34522376	NM_127053	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72920) mRNA, complete cds [NM_105950]
AT2G15040	3.42	0.00756205	0.08940019	0.00168487	0.06989908	NM_0011610	ref|Arabidopsis thaliana toll/interleukin-1 receptor-like protein (TIR) mRNA, complete cds [NM_001084347]
AT2G15080	3.83	0.00003465	0.00217613	0.00059155	0.03331258	NM_127070	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT1G72940) mRNA, complete cds [NM_105952]
AT2G15220	4.02	0.0002356	0.00905925	0.00054887	0.03157761	NM_127083	ref|Arabidopsis thaliana TIR-NBS class of disease resistance protein (AT1G72950) mRNA, complete cds [NM_105953]
AT2G15390	15.64	0.00000027	0.00012156	0.00000133	0.00046875	NM_201739	ref|Arabidopsis thaliana phosphate starvation-induced protein 2 (PS2) mRNA, complete cds [NM_105959]
AT2G15480	7.44	0.00000096	0.00021577	0.00004511	0.00545455	NM_127108	ref|Arabidopsis thaliana MAP kinase kinase 9 (MKK9) mRNA, complete cds [NM_106009]
AT2G15760	3.2	0.00015112	0.0065333	0.00131446	0.0586772	NM_127138	ref|Arabidopsis thaliana nudix hydrolase 21 (NUDT21) mRNA, complete cds [NM_106012]
AT2G15970	-2.37	0.00560158	0.07450995	0.00174458	0.18052632	NM_127156	ref|Arabidopsis thaliana calmodulin binding protein-like protein (AT1G73805) mRNA, complete cds [NM_106040]
AT2G16060	3.24	0.00001187	0.00105451	0.0011318	0.05298137	NM_127165	ref|Arabidopsis thaliana core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase-like protein (AT1G73810) mRNA, complete cds [NM_106
AT2G16430	2.21	0.00573262	0.07526981	0.00852322	0.21364745	NM_179629	ref|Arabidopsis thaliana zinc finger protein CONSTANS-LIKE 7 (AT1G73870) mRNA, complete cds [NM_106047]
AT2G16595	2.02	0.00972511	0.10443345	0.01333304	0.2912657	NM_127211	ref|Arabidopsis thaliana cyclophilin-like peptidyl-prolyl cis-trans isomerase-like protein (AT1G74070) mRNA, complete cds [NM_106067]
AT2G16720	3.19	0.00040152	0.01315691	0.00151614	0.06461828	NM_127224	ref|Arabidopsis thaliana long-chain acyl-CoA synthetase 7 (LACS7) mRNA, complete cds [NM_122642]
AT2G16900	4.39	0.00002098	0.00155534	0.00031336	0.02108631	NM_0011248	ref|Arabidopsis thaliana myb domain protein 122 (MYB122) mRNA, complete cds [NM_106068]
AT2G17040	18.99	0.00000161	0.00028191	0.00000088	0.00039604	NM_127259	ref|Arabidopsis thaliana sulfotransferase 16 (SOT16) mRNA, complete cds [NM_106070]
AT2G17110	2.48	0.00927861	0.10161753	0.00575542	0.16358265	NM_127265	ref|Arabidopsis thaliana Hypoxia-responsive family protein (AT5G27760) mRNA, complete cds [NM_122658]
AT2G17120	2.76	0.00085275	0.02234141	0.00282309	0.10067823	NM_127266	ref|Arabidopsis thaliana glycerophosphoryl diester phosphodiesterase (AT1G74210) mRNA, complete cds [NM_106081]
AT2G17130	2.62	0.0001296	0.00587216	0.00304334	0.10553681	NM_127267	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT1G74360) mRNA, complete cds [NM_106096]
AT2G17230	-2.68	0.0013293	0.02984661	0.00031822	0.07950276	NM_127277	ref|Arabidopsis thaliana uncharacterized protein (AT1G74440) mRNA, complete cds [NM_106104]
AT2G17300	-2.39	0.00048771	0.01497229	0.00136179	0.15871134	NM_127285	ref|Arabidopsis thaliana glutathione S-transferase TAU 10 (GSTU10) mRNA, complete cds [NM_106118]
AT2G17650	-2.68	0.00150908	0.03241834	0.00029191	0.07674419	NM_127319	ref|Arabidopsis thaliana uncharacterized protein (AT5G27830) mRNA, complete cds [NM_001203484]
AT2G17720	2.67	0.00081074	0.02152578	0.00321915	0.1092048	NM_127326	ref|Arabidopsis thaliana putative gibberellin-regulated protein (AT1G74670) mRNA, complete cds [NM_106125]
AT2G17740	4.4	0.0001832	0.00749396	0.00036068	0.02333333	NM_127328	ref|Arabidopsis thaliana Isochorismate synthase 1 (EDS16) mRNA, complete cds [NM_202414]
AT2G18210	2.63	0.00243025	0.04345421	0.00389407	0.12444523	NM_127378	ref|Arabidopsis thaliana cysteine synthase D2 (CYSD2) mRNA, complete cds [NM_001036879]
AT2G18660	24.16	0.00000503	0.00056723	0	0	NM_179648	ref|Arabidopsis thaliana NAD(P)H-plastoquinone dehydrogenase complex subunit O (NDH-O) mRNA, complete cds [NM_106146]
AT2G18670	9.05	0.00000016	0.00010001	0.000023	0.00347826	NM_127423	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF018 (ORA47) mRNA, complete cds [NM_106151]
AT2G18680	5.62	0.00032	0.01119989	0.0001621	0.01372659	NM_127423	ref|Arabidopsis thaliana GNS1/SUR4 membrane-like protein (AT1G75000) mRNA, complete cds [NM_106157]
AT2G18690	31.71	0.00000196	0.00031415	0	0	NM_127425	ref|Arabidopsis thaliana lysocardiolipin and lysophospholipid acyltransferase (LPAT4) mRNA, complete cds [NM_202415]
AT2G18710	-2.42	0.00318129	0.05139621	0.00095533	0.13670886	NM_127427	ref|Arabidopsis thaliana Cytochrome C oxidase polypeptide VIB family protein (AT1G29620) mRNA, complete cds [NM_102702]
AT2G18890	-2.48	0.00063634	0.01825836	0.00100973	0.14136223	NM_127445	ref|Arabidopsis thaliana pathogenesis-related protein 5 (PR5) mRNA, complete cds [NM_106161]
AT2G19160	2.54	0.00052368	0.01573468	0.00354025	0.11625999	NM_179654	ref|Arabidopsis thaliana sec.4-like phosphatidylinositol transfer-like protein (AT1G75170) mRNA, complete cds [NM_106173]
AT2G19190	14.72	0.0000109	0.00098967	0.0000031	0.00089744	NM_127476	ref|Arabidopsis thaliana RAD-like 6 protein (RL6) mRNA, complete cds [NM_106181]
AT2G19490	2.21	0.00448387	0.06451182	0.00850464	0.21353692	NM_127507	ref|Arabidopsis thaliana Luminal-binding protein 1 (BIP1) mRNA, complete cds [NM_122737]
AT2G19900	2.34	0.00033386	0.01146751	0.00516939	0.15130097	NM_127548	ref|Arabidopsis thaliana glycine-rich protein (AT5G28630) mRNA, complete cds [NM_122746]
AT2G20142	13.74	0.00000138	0.00026728	0.00000376	0.0010303	NM_201758	ref|Arabidopsis thaliana C2H2-like zinc finger protein (AT1G75710) mRNA, complete cds [NM_106222]
AT2G20320	2.23	0.00032126	0.01122689	0.00653892	0.17931474	TC359428	ref|Arabidopsis thaliana gibberellin-regulated protein 1 (GASA1) mRNA, complete cds [NM_001198478]
AT2G20560	2.32	0.00350416	0.05475719	0.00645223	0.17758369	NM_127616	ref|Arabidopsis thaliana receptor protein kinase CLAVATA1 (CLV1) mRNA, complete cds [NM_106232]
AT2G20562	2.85	0.00012849	0.00584528	0.00214065	0.08252344	NM_0010844	ref|Arabidopsis thaliana defensin-like protein 13 (LCR67) mRNA, complete cds [NM_106233]
AT2G20610	3.04	0.00014891	0.00648092	0.00159951	0.06740913	NM_201760	ref|Arabidopsis thaliana Thioredoxin superfamily protein (AT1G76020) mRNA, complete cds [NM_106250]
AT2G20875	-2.11	0.00373362	0.05713514	0.00525697	0.27868699	NM_127657	ref|Arabidopsis thaliana uncharacterized protein (AT5G28910) mRNA, complete cds [NM_122775]
AT2G21050	-2.03	0.00143513	0.03138127	0.00809376	0.32943294	NM_127675	ref|Arabidopsis thaliana calcium-dependent protein kinase 29 (CPK29) mRNA, complete cds [NM_202421]
AT2G21350	2.75	0.00023726	0.00907683	0.00249381	0.09213235	TC390400	ref|Arabidopsis thaliana 24-methylenesterol C-methyltransferase 3 (SMT3) mRNA, complete cds [NM_106258]
AT2G21500	3.18	0.00068229	0.01915164	0.00148231	0.06365622	NM_179683	ref|Arabidopsis thaliana uncharacterized protein (AT1G76240) mRNA, complete cds [NM_106274]

AT2G21650	-2.06	0.00733202	0.08773588	0.00591486	0.29424642	NM_127736	ref|Arabidopsis thaliana xylogalacturonan beta-1,3-xylosyltransferase (XGD1) mRNA, complete cds [NM_122853]
AT2G21830	-2.36	0.00019769	0.00793223	0.0018441	0.18128261	NM_127752	ref|Arabidopsis thaliana hydroxy methylglutaryl CoA reductase 1 (HMG1) mRNA, complete cds [NM_106299]
AT2G22330	4.42	0.00001604	0.00129993	0.00034675	0.02256115	NM_127798	ref|Arabidopsis thaliana uncharacterized protein (AT1G76600) mRNA, complete cds [NM_106310]
AT2G22500	10.1	0.00000041	0.00014175	0.00001349	0.00237354	NM_127816	ref|Arabidopsis thaliana calcium-binding protein CML38 (CML38) mRNA, complete cds [NM_001198484]
AT2G22540	-2.01	0.00272511	0.04643167	0.00816011	0.32887701	NM_0011610	ref|Arabidopsis thaliana putative clathrin assembly protein (AT5G35200) mRNA, complete cds [NM_122911]
AT2G22860	2.43	0.00440049	0.06387565	0.00631247	0.17544561	NM_127851	ref|Arabidopsis thaliana 12-oxophytodienoate reductase 1 (OPR1) mRNA, complete cds [NM_202428]
AT2G22880	14.58	0.00000103	0.00022557	0.0000031	0.00089172	NM_127853	ref|Arabidopsis thaliana uncharacterized protein (AT1G76960) mRNA, complete cds [NM_106347]
AT2G22960	-2.25	0.00425503	0.06265468	0.00200155	0.1873913	NM_127861	ref|Arabidopsis thaliana methyl-CPG-binding domain protein 02 (MBD02) mRNA, complete cds [NM_203121]
AT2G22980	-2.08	0.00380472	0.05781231	0.00632154	0.30378321	NM_0010844	ref|Arabidopsis thaliana Target of Myb protein 1 (AT1G76970) mRNA, complete cds [NM_106348]
AT2G23000	-2.27	0.00096052	0.02424543	0.0028609	0.20967585	NM_127865	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT1G77360) mRNA, complete cds [NM_106385]
AT2G23130	-3.93	0.00060668	0.01760858	0.00000354	0.00615385	NM_201790	ref|Arabidopsis thaliana NAC domain containing protein 32 (NAC032) mRNA, complete cds [NM_106394]
AT2G23170	4.13	0.00000359	0.00045466	0.00040314	0.02514483	NM_127881	ref|Arabidopsis thaliana protein disulfide-isomerase 2 (PDIL1-2) mRNA, complete cds [NM_106400]
AT2G23270	4.67	0.00000324	0.00043365	0.00025741	0.01883495	NM_127891	ref|Arabidopsis thaliana Acyl-CoA N-acyltransferase-like protein (AT1G77540) mRNA, complete cds [NM_106403]
AT2G23320	3.19	0.00311997	0.05071571	0.00171561	0.07097896	NM_201792	ref|Arabidopsis thaliana LysM domain-containing GPI-anchored protein 2 (AT1G77630) mRNA, complete cds [NM_106411]
AT2G23560	-2.08	0.00104272	0.02555647	0.00612494	0.30007584	NM_127920	ref|Arabidopsis thaliana putative phosphatidylinositol-4-phosphate 5-kinase (AT1G77660) mRNA, complete cds [NM_106415]
AT2G23680	4	0.00007354	0.00384919	0.00053207	0.03104516	NM_0011249	ref|Arabidopsis thaliana transcription factor TGA7 (AT1G77920) mRNA, complete cds [NM_106441]
AT2G23690	-2.2	0.0003116	0.01096336	0.00381247	0.23713893	NM_127932	ref|Arabidopsis thaliana F-box protein (AT1G78100) mRNA, complete cds [NM_106460]
AT2G23770	2.09	0.00914561	0.10066367	0.01204401	0.27190714	NM_127940	ref|Arabidopsis thaliana uncharacterized protein (AT5G35480) mRNA, complete cds [NM_122939]
AT2G23810	4.63	0.0000103	0.00094058	0.00027797	0.01973312	NM_179714	ref|Arabidopsis thaliana uncharacterized protein (AT1G78170) mRNA, complete cds [NM_106467]
AT2G24160	4.16	0.00132335	0.02977272	0.00052632	0.03090909	AY099820	ref|Arabidopsis thaliana Mitochondrial substrate carrier family protein (AT1G78180) mRNA, complete cds [NM_106468]
AT2G24180	3.94	0.00000816	0.00080115	0.00047391	0.02834656	NM_127979	ref|Arabidopsis thaliana Trm1.2-like protein (AT1G78190) mRNA, complete cds [NM_106469]
AT2G24200	2.83	0.00289761	0.04824369	0.00276581	0.09934075	NM_127981	ref|Arabidopsis thaliana VQ motif-containing protein (AT1G78410) mRNA, complete cds [NM_106488]
AT2G24600	9.54	0.00000266	0.00038105	0.00002189	0.00337884	NM_0012026	ref|Arabidopsis thaliana SOUL heme-binding-like protein (AT1G78450) mRNA, complete cds [NM_106492]
AT2G24850	30.11	0.00000235	0.00035598	0	0	NM_128044	ref|Arabidopsis thaliana SOUL heme-binding protein (AT1G78460) mRNA, complete cds [NM_106493]
AT2G25000	3.29	0.00015252	0.00658093	0.00123817	0.0561022	NM_128058	ref|Arabidopsis thaliana UDP-glucose 4,6-dehydratase (RHM1) mRNA, complete cds [NM_106504]
AT2G25080	-2.87	0.00099995	0.0249134	0.00013866	0.04860465	NM_128065	ref|Arabidopsis thaliana curculin-like (mannose-binding) lectin-like protein (AT1G78830) mRNA, complete cds [NM_106531]
AT2G25440	8.21	0.00000051	0.00016072	0.00003406	0.00458333	NM_128101	ref|Arabidopsis thaliana D-mannose binding lectin protein with Apple-like carbohydrate-binding domain (AT1G78850) mRNA, complete cds [N
AT2G25460	3.09	0.00003059	0.00200734	0.00145091	0.06278469	NM_128103	ref|Arabidopsis thaliana lupeol synthase 1 (LUP1) mRNA, complete cds [NM_106546]
AT2G25470	3.7	0.00013145	0.00592639	0.00072999	0.03878966	NM_128104	ref|Arabidopsis thaliana ALA-interacting subunit 5 (ALIS5) mRNA, complete cds [NM_106593]
AT2G25510	4.95	0.00213106	0.04017616	0.00032353	0.02157817	NM_128108	ref|Arabidopsis thaliana Ent-kaur-16-ene synthase (GA2) mRNA, complete cds [NM_106594]
AT2G25690	2.19	0.00038975	0.01289273	0.00701106	0.18759763	NM_128128	ref|Arabidopsis thaliana mto 1 responding up 1 (MRU1) mRNA, complete cds [NM_122940]
AT2G25735	6.4	0.00000124	0.00025173	0.00008315	0.00843049	NM_128133	ref|Arabidopsis thaliana 2-dehydro-3-deoxyphosphooctonate aldolase (AtkdsA1) mRNA, complete cds [NM_001036223]
AT2G25840	-2.31	0.00058741	0.01719256	0.00227222	0.19797688	NM_201804	ref|Arabidopsis thaliana putative auxin-responsive protein (AT5G35735) mRNA, complete cds [NM_122964]
AT2G26010	15.04	0.00173727	0.03526872	0.00000265	0.00078431	NM_128160	ref|Arabidopsis thaliana Cation efflux family protein (AT1G79520) mRNA, complete cds [NM_106600]
AT2G26020	16.7	0.00141372	0.03104829	0.00000111	0.0004065	NM_128161	ref|Arabidopsis thaliana wall-associated receptor kinase-like 10 (WAKL10) mRNA, complete cds [NM_106617]
AT2G26080	-2.06	0.00125747	0.0288644	0.00774126	0.32533457	NM_128167	ref|Arabidopsis thaliana cofactor assembly, complex C (B6F) (CCB3) mRNA, complete cds [NM_123003]
AT2G26150	3.94	0.00046673	0.01461608	0.00066165	0.03613527	NM_0011249	ref|Arabidopsis thaliana AP2-like ethylene-responsive transcription factor (AT1G79700) mRNA, complete cds [NM_001084380]
AT2G26170	2.09	0.00135319	0.0301733	0.01052057	0.24560661	NM_179743	ref|Arabidopsis thaliana adenine phosphoribosyltransferase 2 (APT2) mRNA, complete cds [NM_106654]
AT2G26190	4.36	0.00003706	0.00227985	0.00032663	0.02168869	NM_128177	ref|Arabidopsis thaliana transmembrane amino acid transporter-like protein (AT1G80510) mRNA, complete cds [NM_106699]
AT2G26400	6.8	0.00002513	0.00174548	0.00006546	0.00713253	NM_128197	ref|Arabidopsis thaliana cinnamoyl-CoA reductase (CCR2) mRNA, complete cds [NM_106730]
AT2G26440	8.83	0.0000004	0.00014049	0.00002565	0.00384106	NM_128201	ref|Arabidopsis thaliana putative WRKY transcription factor 40 (WRKY40) mRNA, complete cds [NM_106732]
AT2G26530	5.99	0.00021841	0.00853638	0.00013866	0.01201149	NM_128210	ref|Arabidopsis thaliana protein kinase-like protein (AT1G80870) mRNA, complete cds [NM_106735]
AT2G26560	19.48	0.00000035	0.00013597	0.00000088	0.00046512	NM_128213	ref|Arabidopsis thaliana Lipid phosphate phosphatase 1 (PAP1) mRNA, complete cds [NM_201660]
AT2G26650	2.63	0.00138519	0.03062991	0.00341243	0.11371408	NM_128222	ref|Arabidopsis thaliana uncharacterized protein (AT2G01300) mRNA, complete cds [NM_126191]
AT2G26695	-2.11	0.00279424	0.04714758	0.00423198	0.24950456	NM_201808	ref|Arabidopsis thaliana protein CLAVATA3/ESR-related 16 (CLE16) mRNA, complete cds [NM_147231]
AT2G27310	6.04	0.00000259	0.0003754	0.00010394	0.00997877	NM_128290	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT2G01540) mRNA, complete cds [NM_126215]
AT2G27385	-2.48	0.00442876	0.06406538	0.00064175	0.11470356	NM_179769	ref|Arabidopsis thaliana uncharacterized protein (AT2G01755) mRNA, complete cds [NM_147232]
AT2G27420	-2.06	0.00677265	0.08356317	0.00529301	0.27831395	NM_128302	ref|Arabidopsis thaliana cytochrome P450 81D1 (CYP81D1) mRNA, complete cds [NM_123013]
AT2G27660	7.43	0.00000107	0.00022717	0.00004998	0.00587013	NM_128325	ref|Arabidopsis thaliana two-component response regulator ARR14 (RR14) mRNA, complete cds [NM_126237]
AT2G27690	3.24	0.00138881	0.03066514	0.00151482	0.06462264	NM_128328	ref|Arabidopsis thaliana uncharacterized protein (AT2G01870) mRNA, complete cds [NM_126248]
AT2G27800	-2.12	0.00842456	0.09555902	0.00367249	0.23161785	NM_128340	ref|Arabidopsis thaliana acetyl-CoA synthetase (ACS) mRNA, complete cds [NM_123046]
AT2G27830	2.56	0.00027488	0.01009764	0.00342481	0.11379133	NM_128343	ref|Arabidopsis thaliana thionin 2.2 (THI2.2) mRNA, complete cds [NM_123049]
AT2G28085	2.72	0.00042356	0.01361305	0.00285515	0.10110415	NM_128368	ref|Arabidopsis thaliana purple acid phosphatase 8 (PAP8) mRNA, complete cds [NM_126250]
AT2G28150	-2.02	0.00451479	0.06480535	0.00832353	0.32872489	NM_128375	ref|Arabidopsis thaliana oxygen evolving enhancer 3 (PsbQ)-like 3 (PQL3) mRNA, complete cds [NM_001035870]
AT2G28210	2.47	0.00184422	0.03661007	0.00476648	0.14331117	NM_128381	ref|Arabidopsis thaliana glutamate decarboxylase 4 (GAD4) mRNA, complete cds [NM_126262]
AT2G28570	2.23	0.00379727	0.05779624	0.00909487	0.22388133	NM_128417	ref|Arabidopsis thaliana uncharacterized protein (AT5G36920) mRNA, complete cds [NM_123050]
AT2G28630	2.16	0.0021869	0.04088118	0.00863689	0.21577901	NM_128424	ref|Arabidopsis thaliana phytosulfokin receptor 1 (PSKR1) mRNA, complete cds [NM_126282]
AT2G28710	2.52	0.00032402	0.01128833	0.00393189	0.12521127	NM_128432	ref|Arabidopsis thaliana glutathione S-transferase zeta-class 1 (GSTZ1) mRNA, complete cds [NM_179595]
AT2G29100	4.78	0.00010142	0.00489995	0.00028616	0.01993837	NM_128467	ref|Arabidopsis thaliana UDP-galactose transporter 1 (UTR1) mRNA, complete cds [NM_126336]
AT2G29120	4.89	0.00000414	0.00049498	0.00021207	0.01630952	NM_128469	ref|Arabidopsis thaliana glutathione S-transferase 16 (GSTF3) mRNA, complete cds [NM_126346]
AT2G29170	2.22	0.00229664	0.04204626	0.00826957	0.20902739	NM_128473	ref|Arabidopsis thaliana uncharacterized protein (AT5G36925) mRNA, complete cds [NM_180586]
AT2G29180	-2.22	0.00267728	0.04608551	0.00251835	0.20120141	NM_128474	ref|Arabidopsis thaliana uncharacterized protein (AT2G03420) mRNA, complete cds [NM_126393]
AT2G29280	-2.25	0.00070784	0.01962601	0.00303361	0.21569182	NM_128483	ref|Arabidopsis thaliana carbohydrate-binding X8 domain-containing protein (AT2G03505) mRNA, complete cds [NM_147237]
AT2G29290	-2.03	0.0066658	0.08269611	0.00777178	0.32540741	NM_0011249	ref|Arabidopsis thaliana SPFH/Band 7/PHB domain-containing membrane-associated protein (AT2G03510) mRNA, complete cds [NM_126401
AT2G29350	36.43	0.00000346	0.00044986	0	0	NM_201829	ref|Arabidopsis thaliana flavonol sulfotransferase-like protein (SOT12) mRNA, complete cds [NM_126423]
AT2G29360	-2.18	0.00139233	0.03072778	0.00353207	0.22849785	NM_128490	ref|Arabidopsis thaliana MATE efflux family protein (TX1) mRNA, complete cds [NM_126443]
AT2G29420	2.8	0.00035661	0.0120252	0.00257828	0.09471162	NM_128496	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G36930) mRNA, complete cds [NM_001125847]
AT2G29460	38.19	0.00000026	0.00011806	0	0	NM_128500	ref|Arabidopsis thaliana MATE efflux family protein (AT2G04070) mRNA, complete cds [NM_126448]
AT2G29470	3.69	0.00018336	0.00749396	0.00078284	0.04078341	NM_128501	ref|Arabidopsis thaliana MATE efflux family protein (AT2G04100) mRNA, complete cds [NM_126451]
AT2G29500	6.7	0.00000412	0.00049454	0.00007674	0.00801386	NM_128504	ref|Arabidopsis thaliana putative AMP-binding protein (LACS8) mRNA, complete cds [NM_179603]
AT2G29630	-2.09	0.00255709	0.04481837	0.00511256	0.27295159	NM_128517	ref|Arabidopsis thaliana indole-3-glycerol phosphate synthase (AT2G04400) mRNA, complete cds [NM_126473]
AT2G29720	7.83	0.00000105	0.00022717	0.00004268	0.00524457	NM_128526	ref|Arabidopsis thaliana nudix hydrolase 6 (NUDT6) mRNA, complete cds [NM_126478]
AT2G29990	4.27	0.00002562	0.00176088	0.00040646	0.02528198	NM_128553	ref|Arabidopsis thaliana uncharacterized protein (AT2G04495) mRNA, complete cds [NM_147243]
AT2G30020	4.57	0.00017368	0.00721187	0.00032353	0.02154639	NM_128557	ref|Arabidopsis thaliana uncharacterized protein (AT2G04515) mRNA, complete cds [NM_147244]
AT2G30140	3.37	0.00014469	0.00635239	0.0010805	0.05164905	NM_128569	ref|Arabidopsis thaliana uncharacterized protein (AT2G04790) mRNA, complete cds [NM_001084410]
AT2G30250	2.17	0.00516295	0.07087695	0.00992127	0.23649974	NM_128578	ref|Arabidopsis thaliana protein phosphatase 2C-like protein (AT2G05050) mRNA, complete cds [NM_001161023]
AT2G30750	16.25	0.00000009	0.0000931	0.00000133	0.00044776	NM_128628	ref|Arabidopsis thaliana photosystem II light harvesting complex protein 2.1 (LHCB2.1) mRNA, complete cds [NM_126540]
AT2G30770	31.3	0.00000023	0.00011737	0	0	NM_128630	ref|Arabidopsis thaliana glycine-rich protein 3 short isoform (GRP3S) mRNA, complete cds [NM_126561]
AT2G30860	4.15	0.00002428	0.00171544	0.00042349	0.02594851	NM_0010845	ref|Arabidopsis thaliana protein PROTON GRADIENT REGULATION 5 (PGR5) mRNA, complete cds [NM_126585]
AT2G30870	3.74	0.00002298	0.00166365	0.00058625	0.03309613	NM_128639	ref|Arabidopsis thaliana kinase-like protein (AT2G05940) mRNA, complete cds [NM_126607]
AT2G31020	3.26	0.00050642	0.01530768	0.00140358	0.0614424	NM_128656	ref|Arabidopsis thaliana 12-oxophytodienoate reductase 3 (OPR3) mRNA, complete cds [NM_001084415]
AT2G31230	2.07	0.00056828	0.01670848	0.00971738	0.23385844	NM_179831	ref|Arabidopsis thaliana NDR1/HIN1-like 25 (NHL25) mRNA, complete cds [NM_123055]
AT2G31380	-2.2	0.00353964	0.05512777	0.00290115	0.21024038	NM_128695	ref|Arabidopsis thaliana xyloglucan endotransglucosylase/hydrolase protein 4 (XTH4) mRNA, complete cds [NM_126666]
AT2G31390	2.16	0.00118616	0.02778878	0.00851393	0.213533	NM_128696	ref|Arabidopsis thaliana protein REVEILLE 2 / DNA binding / transcription factor (RVE2) mRNA, complete cds [NM_123085]
AT2G31560	-2.46	0.00016515	0.00692144	0.00115148	0.14792614	NM_179838	ref|Arabidopsis thaliana uncharacterized protein (AT5G37480) mRNA, complete cds [NM_123107]
AT2G31865	4.73	0.00000154	0.00027558	0.00023485	0.01758278	NM_201849	ref|Arabidopsis thaliana ATP synthase subunit 9 (AT2G07671) mRNA, complete cds [NM_126728]
AT2G31880	6.86	0.00003222	0.00206413	0.00007939	0.00819635	NM_128746	ref|Arabidopsis thaliana uncharacterized protein (AT2G07774) mRNA, complete cds [NM_147273]
AT2G31945	6.83	0.00000421	0.00049963	0.00007143	0.00758216	NM_128753	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT2G10940) mRNA, complete cds [N
AT2G31955	2.54	0.00332024	0.05294372	0.00429146	0.13319149	NM_0012027	ref|Arabidopsis thaliana uncharacterized protein (AT2G12400) mRNA, complete cds [NM_126891]
AT2G32030	6.73	0.00001016	0.00093604	0.00007519	0.00788863	NM_128763	ref|Arabidopsis thaliana serine--glyoxylate aminotransferase (AGT) mRNA, complete cds [NM_126925]
AT2G32090	-2.27	0.00616586	0.07863651	0.00192968	0.18448203	NM_128769	gb|Arabidopsis thaliana clone asmbl_5374 unknown mRNA sequence [EF182961]
AT2G32100	-4.59	0.00096338	0.02426972	0.00000111	0.00333333	NM_128770	ref|Arabidopsis thaliana somatic embryogenesis receptor kinase 4 (SERK4) mRNA, complete cds [NM_126955]
AT2G32140	4.76	0.00004907	0.00282836	0.00026603	0.01927885	NM_128773	ref|Arabidopsis thaliana somatic embryogenesis receptor kinase 5 (SERK5) mRNA, complete cds [NM_126956]
AT2G32150	-2.17	0.00449125	0.06457344	0.00352145	0.22846485	NM_128774	ref|Arabidopsis thaliana AGD2-like defense response protein 1 (ALD1) mRNA, complete cds [NM_126957]
AT2G32160	2.97	0.00152827	0.03267668	0.00231468	0.08744361	NM_179853	ref|Arabidopsis thaliana Non-specific lipid-transfer protein-like protein (AT2G13820) mRNA, complete cds [NM_201721]
AT2G32190	6.44	0.00007808	0.00402132	0.00010106	0.00980687	NM_0010845	ref|Arabidopsis thaliana uncharacterized protein (AT2G14247) mRNA, complete cds [NM_201723]
AT2G32200	5.8	0.00000321	0.00043258	0.00011787	0.01074597	NM_128779	gb|Arabidopsis thaliana At2g14270 mRNA, partial sequence [AY500331]
AT2G32210	3.72	0.00000636	0.00067695	0.00062693	0.0346577	NM_128780	ref|Arabidopsis thaliana LURP1 protein (LURP1) mRNA, complete cds [NM_201727]
AT2G32240	3.23	0.00020329	0.00809228	0.00132663	0.05898722	NM_128783	ref|Arabidopsis thaliana pathogenesis-related protein 1 (PR1) mRNA, complete cds [NM_127025]
AT2G32250	2.08	0.00059242	0.01730581	0.01021871	0.24104851	NM_128784	ref|Arabidopsis thaliana U-box domain-containing protein 21 (AT5G37490) mRNA, complete cds [NM_123108]
AT2G32400	2.25	0.0037887	0.05774347	0.00801968	0.20593413	NM_128799	ref|Arabidopsis thaliana glutamine synthetase cytosolic isozyme 1-1 (GSR 1) mRNA, complete cds [NM_123119]
AT2G32550	-2.13	0.00133311	0.02989203	0.00490137	0.26930741	NM_128814	ref|Arabidopsis thaliana calcium-binding protein CML24 (TCH2) mRNA, complete cds [NM_123136]
AT2G32560	-2.46	0.00026285	0.00979899	0.00107629	0.14399408	NM_179860	ref|Arabidopsis thaliana Adenylyl-sulfate kinase 1 (APK) mRNA, complete cds [NM_127039]
AT2G32680	13.9	0.00000006	0.0000859	0.00000376	0.00100592	NM_128827	ref|Arabidopsis thaliana arabinogalactan protein 9 (AGP9) mRNA, complete cds [NM_127053]
AT2G32920	2.18	0.00510391	0.07038698	0.00979434	0.23483563	NM_128852	ref|Arabidopsis thaliana protein kinase-like protein (AT5G38210) mRNA, complete cds [NM_123182]
AT2G32960	2.15	0.00110292	0.02644428	0.00819836	0.20815834	NM_128856	ref|Arabidopsis thaliana Protein kinase family protein (AT5G38250) mRNA, complete cds [NM_123186]
AT2G32990	-2.01	0.00530729	0.07209247	0.00788722	0.32691109	NM_128859	ref|Arabidopsis thaliana uncharacterized protein (AT5G38310) mRNA, complete cds [NM_123192]
AT2G33130	2.11	0.00370549	0.05687796	0.00971893	0.23377128	NM_128873	ref|Arabidopsis thaliana Leucine-rich repeat (LRR) family protein (AT2G15042) mRNA, complete cds [NM_001161047]
AT2G33330	-2.05	0.00293743	0.0486738	0.00707563	0.31616601	NM_128893	ref|Arabidopsis thaliana receptor like protein 19 (RLP19) mRNA, complete cds [NM_127070]
AT2G33530	2.41	0.00610113	0.07817888	0.00639297	0.17670538	NM_179881	ref|Arabidopsis thaliana basic secretory protein family protein (AT2G15220) mRNA, complete cds [NM_127083]
AT2G33570	-2.07	0.00747537	0.08867691	0.00492968	0.26922705	NM_128917	ref|Arabidopsis thaliana xyloglucan fucosyltransferase (FUT4) mRNA, complete cds [NM_201739]
AT2G33580	5.09	0.00000376	0.00046767	0.00018996	0.01525755	NM_128918	ref|Arabidopsis thaliana UDP-glucosyl transferase 73B5 (UGT73B5) mRNA, complete cds [NM_127108]
AT2G33710	2.39	0.00226932	0.04185103	0.00579412	0.16426959	NM_0012027	ref|Arabidopsis thaliana uncharacterized protein (AT2G15760) mRNA, complete cds [NM_127138]
AT2G33810	-2.2	0.00173848	0.03526872	0.00304931	0.21612853	NM_128940	ref|Arabidopsis thaliana cold regulated 413 plasma membrane 1 (COR413-PM1) mRNA, complete cds [NM_127156]
AT2G33847	2.09	0.00086556	0.02248175	0.00977267	0.23481403	NM_0010845	ref|Arabidopsis thaliana alpha/beta-hydrolase-like protein (AT5G38520) mRNA, complete cds [NM_001085213]
AT2G34060	-3.58	0.00017641	0.00729624	0.00001017	0.01045455	NM_128957	ref|Arabidopsis thaliana non-symbiotic hemoglobin 1 (HB1) mRNA, complete cds [NM_127165]
AT2G34170	-2.62	0.001324	0.02977272	0.00039828	0.09050251	NM_128968	ref|Arabidopsis thaliana purple acid phosphatase 10 (PAP10) mRNA, complete cds [NM_179629]
AT2G34250	3.03	0.00023199	0.00895848	0.00174016	0.07160146	NM_128976	ref|Arabidopsis thaliana Translocon-associated protein (TRAP), alpha subunit (AT2G16595) mRNA, complete cds [NM_127211]
AT2G34430	-2.48	0.00100505	0.02496552	0.00098319	0.13937304	NM_128995	ref|Arabidopsis thaliana myb domain protein 7 (MYB7) mRNA, complete cds [NM_127224]

AT2G34500	8.27	0.00021078	0.00831708	0.00003207	0.00436747	NM_129002	ref|Arabidopsis thaliana phospholipase-like protein (AT2G16900) mRNA, complete cds [NM_001124861]
AT2G34560	-2.56	0.00068621	0.01922572	0.0006172	0.11164	NM_201871	ref|Arabidopsis thaliana NAC domain containing protein 36 (NAC036) mRNA, complete cds [NM_127259]
AT2G34600	3.64	0.00061189	0.0177255	0.00090159	0.04490088	NM_129014	ref|Arabidopsis thaliana uncharacterized protein (AT2G17110) mRNA, complete cds [NM_127265]
AT2G34620	-2.92	0.00071538	0.01976137	0.00010902	0.04142857	NM_129016	ref|Arabidopsis thaliana LysM domain-containing GPI-anchored protein 2 (LYM2) mRNA, complete cds [NM_127266]
AT2G34770	-2.12	0.00426463	0.06266464	0.00425431	0.2495201	NM_129030	ref|Arabidopsis thaliana Isocitrate dehydrogenase [NAD] regulatory subunit 2 (IDH2) mRNA, complete cds [NM_127267]
AT2G34940	2.86	0.0026093	0.04534123	0.00284653	0.10127459	NM_129047	ref|Arabidopsis thaliana protein exordium like 5 (EXL5) mRNA, complete cds [NM_127277]
AT2G34960	2.4	0.00090143	0.02314754	0.0046778	0.14149164	NM_129048	ref|Arabidopsis thaliana uncharacterized protein (AT2G17300) mRNA, complete cds [NM_127285]
AT2G35130	-2.17	0.00694597	0.08498285	0.00280849	0.20785597	NM_0012027	ref|Arabidopsis thaliana putative AMP-binding protein (AT2G17650) mRNA, complete cds [NM_127319]
AT2G35260	-2.07	0.00193512	0.03773439	0.0072782	0.31707129	NM_129078	ref|Arabidopsis thaliana proline dehydrogenase 2 (AT5G38710) mRNA, complete cds [NM_123232]
AT2G35470	-2.24	0.00077785	0.02095775	0.00302211	0.21555205	NM_129099	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT2G17720) mRNA, complete cds [NM_127326]
AT2G35620	-2.15	0.00507736	0.07012769	0.00384056	0.23823045	NM_0012027	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G17740) mRNA, complete cds [NM_127328]
AT2G35658	3.9	0.00008031	0.0040992	0.00060305	0.03375	NM_0011249	ref|Arabidopsis thaliana uncharacterized protein (AT2G18210) mRNA, complete cds [NM_127378]
AT2G35700	-2.02	0.00370428	0.05687796	0.00794184	0.32737466	NM_129125	ref|Arabidopsis thaliana DSBA oxidoreductase family protein (AT5G38900) mRNA, complete cds [NM_123252]
AT2G35720	2.08	0.0006352	0.0182522	0.01016453	0.24027182	NM_129128	ref|Arabidopsis thaliana interleukin-1 receptor-associated kinase 4 (AT5G38990) mRNA, complete cds [NM_123261]
AT2G35860	-2.79	0.00012822	0.00583876	0.00023817	0.06487952	NM_179922	ref|Arabidopsis thaliana EG45-like domain-containing protein 2 (PNP-A) mRNA, complete cds [NM_179648]
AT2G35880	-2.02	0.00229445	0.0420401	0.00917669	0.34210223	NM_129147	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G39000) mRNA, complete cds [NM_123262]
AT2G35930	3.72	0.00000641	0.00067837	0.00060305	0.03379182	NM_129152	ref|Arabidopsis thaliana RING-H2 finger protein ATL56 (AT2G18670) mRNA, complete cds [NM_127423]
AT2G35960	-2.3	0.00053211	0.01592447	0.00201902	0.18824742	NM_129155	ref|Arabidopsis thaliana RING-H2 finger protein ATL56 (AT2G18670) mRNA, complete cds [NM_127423]
AT2G35980	72.46	0.00000016	0.00010001	0	0	NM_129157	ref|Arabidopsis thaliana uncharacterized protein (AT2G18690) mRNA, complete cds [NM_127425]
AT2G36050	-2.61	0.00056877	0.01671208	0.00048983	0.10207373	NM_129164	ref|Arabidopsis thaliana Preprotein translocase subunit secY (SCY1) mRNA, complete cds [NM_127427]
AT2G36220	2.22	0.00034523	0.01180008	0.00664927	0.18124171	NM_129180	ref|Arabidopsis thaliana protein kinase-like protein (AT2G18890) mRNA, complete cds [NM_127445]
AT2G36470	2.22	0.00232659	0.04238859	0.00745046	0.19519699	NM_129204	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G39020) mRNA, complete cds [NM_123264]
AT2G36690	4.22	0.00027337	0.0100501	0.00044228	0.02677376	NM_129224	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT2G19160) mRNA, complete cds [NM_
AT2G36780	2.56	0.00093944	0.02387932	0.00384166	0.12329312	NM_129233	ref|Arabidopsis thaliana senescence-induced receptor-like serine/threonine-protein kinase (FRK1) mRNA, complete cds [NM_127476]
AT2G36792	-2.05	0.00108597	0.02620478	0.00659354	0.30833506	BX815183	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G39050) mRNA, complete cds [NM_123267]
AT2G36800	2.95	0.00263107	0.04556751	0.00254356	0.0936645	NM_129235	ref|Arabidopsis thaliana DNA repair protein recA-like 3 (AT2G19490) mRNA, complete cds [NM_127507]
AT2G36830	-2.62	0.00098175	0.02459238	0.00043764	0.09514423	NM_129238	ref|Arabidopsis thaliana malate dehydrogenase (oxaloacetate-decarboxylating)(NADP+) (NADP-ME1) mRNA, complete cds [NM_127548]
AT2G37025	-2.12	0.0092509	0.10145797	0.00488722	0.26885645	NM_179944	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G39090) mRNA, complete cds [NM_123271]
AT2G37040	2.94	0.00042434	0.01362836	0.00212494	0.08212821	NM_129260	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT2G20142) mRNA, complete cds [NM_201758]
AT2G37110	2.05	0.00322402	0.05180882	0.01204821	0.27173067	NM_129267	ref|Arabidopsis thaliana uncharacterized protein (AT5G39530) mRNA, complete cds [NM_123315]
AT2G37240	-2.1	0.00390786	0.05889483	0.00502477	0.26985748	NM_129280	ref|Arabidopsis thaliana peroxidase 62 (AT5G39580) mRNA, complete cds [NM_123320]
AT2G37430	12.29	0.00000267	0.00038105	0.00000641	0.00145729	NM_129298	tc|Rep: DENN domain containing protein, expressed - Oryza sativa subsp. japonica (Rice), partial (42%) [TC359428]
AT2G37640	-2.03	0.00081162	0.02152578	0.00810659	0.32906643	NM_129320	ref|Arabidopsis thaliana DNAJ heat shock protein-like protein (AT2G20560) mRNA, complete cds [NM_127616]
AT2G37710	4.05	0.00002007	0.00150471	0.00047678	0.0284058	NM_129327	ref|Arabidopsis thaliana uncharacterized protein (AT2G20562) mRNA, complete cds [NM_001084456]
AT2G37760	2.92	0.00031246	0.01097848	0.00196108	0.07799472	NM_201898	ref|Arabidopsis thaliana superroot 1 protein (SUR1) mRNA, complete cds [NM_201760]
AT2G37770	2.52	0.00274101	0.04659019	0.00485913	0.14551656	NM_0010364	ref|Arabidopsis thaliana protein EPIDERMAL PATTERNING FACTOR 1 (EPF1) mRNA, complete cds [NM_127657]
AT2G37940	2.16	0.00285647	0.04776977	0.00926802	0.22605178	NM_129350	ref|Arabidopsis thaliana auxin transporter-like protein 2 (LAX2) mRNA, complete cds [NM_127675]
AT2G37970	2.56	0.00042829	0.01372578	0.00385383	0.12350815	NM_129353	Unknown
AT2G38120	-2.6	0.00009199	0.00455132	0.00059155	0.1082996	NM_129368	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT2G21500) mRNA, complete cds [NM_179683]
AT2G38210	-2.1	0.00147716	0.03194502	0.00530451	0.27859466	NM_129378	ref|Arabidopsis thaliana maternal effect embryo arrest 3 protein (MEE3) mRNA, complete cds [NM_127736]
AT2G38240	4.82	0.00002127	0.00157131	0.00022954	0.01732888	NM_129381	ref|Arabidopsis thaliana Cysteine/Histidine-rich C1 domain family protein (AT2G21830) mRNA, complete cds [NM_127752]
AT2G38250	2.59	0.00056054	0.01655627	0.00339319	0.11332349	NM_129382	ref|Arabidopsis thaliana tryptophan N-hydroxylase 2 (CYP79B3) mRNA, complete cds [NM_127798]
AT2G38290	4.9	0.0000838	0.00422927	0.00021362	0.01629005	NM_201905	ref|Arabidopsis thaliana uncoupling protein 5 (UCP5) mRNA, complete cds [NM_127816]
AT2G38340	2.31	0.00060898	0.01765254	0.00561477	0.16039166	NM_129390	ref|Arabidopsis thaliana MADS-box protein SVP (SVP) mRNA, complete cds [NM_001161056]
AT2G38400	-2.48	0.00012174	0.00562912	0.00103118	0.14216463	NM_0012027	ref|Arabidopsis thaliana putative calcium-binding protein CML45 (AT5G39670) mRNA, complete cds [NM_123329]
AT2G38470	10.75	0.00000051	0.00016072	0.00001238	0.00227642	NM_129404	ref|Arabidopsis thaliana phytosulfokine-beta (PSK2) mRNA, complete cds [NM_127851]
AT2G38480	-3.71	0.00002268	0.00164877	0.00000531	0.00827586	NM_129405	ref|Arabidopsis thaliana VQ motif-containing protein (AT2G22880) mRNA, complete cds [NM_127853]
AT2G38760	-2.05	0.00089084	0.02299309	0.00809354	0.32972072	NM_129433	ref|Arabidopsis thaliana uncharacterized protein (AT5G39785) mRNA, complete cds [NM_180776]
AT2G38790	4.3	0.00012206	0.00563493	0.00042481	0.02595946	NM_129436	ref|Arabidopsis thaliana putative serine carboxypeptidase-like 52 (AT2G22960) mRNA, complete cds [NM_127861]
AT2G38860	38.66	0.00000002	0.00007852	0	0	NM_179972	ref|Arabidopsis thaliana serine carboxypeptidase-like 13 (SCPL13) mRNA, complete cds [NM_001084478]
AT2G38870	4.68	0.00000776	0.00077655	0.00026426	0.01918138	NM_129444	ref|Arabidopsis thaliana serine carboxypeptidase-like 10 (scpl10) mRNA, complete cds [NM_127865]
AT2G38960	2.46	0.00258654	0.04511677	0.00494604	0.14743573	NM_201908	ref|Arabidopsis thaliana Lysine-rich arabinogalactan protein 17 (AGP17) mRNA, complete cds [NM_201790]
AT2G39010	-2.1	0.00292094	0.04847154	0.00592105	0.29423077	NM_129458	ref|Arabidopsis thaliana indole-3-acetic acid-amido synthetase GH3.3 (GH3.3) mRNA, complete cds [NM_127881]
AT2G39030	16.16	0.00003407	0.00215154	0.00000133	0.00047619	NM_129460	ref|Arabidopsis thaliana uncharacterized protein (AT2G23270) mRNA, complete cds [NM_127891]
AT2G39200	5.26	0.00001762	0.00138123	0.00018952	0.01524911	NM_129478	ref|Arabidopsis thaliana putative WRKY transcription factor 15 (WRKY15) mRNA, complete cds [NM_201792]
AT2G39210	9.8	0.00000485	0.0005521	0.00001813	0.00286713	NM_129479	ref|Arabidopsis thaliana methyl esterase 7 (MES7) mRNA, complete cds [NM_127920]
AT2G39270	2.29	0.00263459	0.04559355	0.00673773	0.1833213	NM_179983	ref|Arabidopsis thaliana 40S ribosomal protein S9-2 (AT5G39850) mRNA, complete cds [NM_123348]
AT2G39400	2.26	0.00253019	0.04459315	0.00744317	0.19523202	NM_129497	ref|Arabidopsis thaliana cold acclimation protein WCOR413-like protein (AT2G23680) mRNA, complete cds [NM_001124901]
AT2G39450	-2.22	0.00240183	0.04320238	0.00253317	0.2013181	NM_129503	ref|Arabidopsis thaliana basic helix-loop-helix (bHLH) DNA-binding family protein (PRE1) mRNA, complete cds [NM_123349]
AT2G39518	4.96	0.00045827	0.0144411	0.00028903	0.0200768	NM_0010845	ref|Arabidopsis thaliana uncharacterized protein (AT2G23690) mRNA, complete cds [NM_127932]
AT2G39530	5.2	0.00003961	0.00241731	0.0002092	0.01617094	NM_129511	ref|Arabidopsis thaliana lysin motif receptor-like kinase (AT2G23770) mRNA, complete cds [NM_127940]
AT2G39570	-2.13	0.00086478	0.02248175	0.00477665	0.26438188	NM_129515	ref|Arabidopsis thaliana tetraspanin8 (TET8) mRNA, complete cds [NM_179714]
AT2G39650	5.57	0.00000426	0.00050053	0.00013777	0.01200385	NM_129521	gb|Arabidopsis thaliana putative disease resistance protein (At2g24160) mRNA, complete cds [AY099820]
AT2G39660	2.75	0.00119833	0.02796011	0.00285958	0.10118153	NM_129522	ref|Arabidopsis thaliana cytochrome P450 71B6 (CYP71B6) mRNA, complete cds [NM_127979]
AT2G39710	2.8	0.00133657	0.02992065	0.00271849	0.09826539	NM_129528	ref|Arabidopsis thaliana leucine aminopeptidase 1 (AT2G24200) mRNA, complete cds [NM_127981]
AT2G40000	5.97	0.00000679	0.00070906	0.00011809	0.01074447	NM_129558	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT2G24600) mRNA, complete cds [NM_001202663]
AT2G40113	2.5	0.00023713	0.00907683	0.00402853	0.12677105	NM_179995	ref|Arabidopsis thaliana tyrosine aminotransferase 3 (TAT3) mRNA, complete cds [NM_128044]
AT2G40140	11.25	0.00000007	0.0000859	0.00000951	0.00179916	NM_129572	ref|Arabidopsis thaliana putative WRKY transcription factor 60 (WRKY60) mRNA, complete cds [NM_128058]
AT2G40180	2.26	0.00187646	0.03700554	0.00675144	0.18336336	NM_129576	ref|Arabidopsis thaliana phospholipid hydroperoxide glutathione peroxidase 1 (GPX1) mRNA, complete cds [NM_128065]
AT2G40270	2.48	0.00888208	0.09914775	0.00543189	0.15645223	NM_129585	ref|Arabidopsis thaliana receptor like protein 20 (RLP20) mRNA, complete cds [NM_128101]
AT2G40540	-2.21	0.00203928	0.03904262	0.00331645	0.22383582	NM_0010845	ref|Arabidopsis thaliana thioredoxin H2 (TRX2) mRNA, complete cds [NM_123358]
AT2G40610	-2.21	0.00494204	0.06889001	0.00252211	0.20079225	NM_129623	ref|Arabidopsis thaliana uncharacterized protein (AT2G25460) mRNA, complete cds [NM_128103]
AT2G40740	7.95	0.00000562	0.00062011	0.00004003	0.00508427	NM_0010845	ref|Arabidopsis thaliana receptor like protein 21 (RLP21) mRNA, complete cds [NM_128104]
AT2G40750	9.37	0.00000032	0.00013001	0.00002256	0.00342282	NM_129637	ref|Arabidopsis thaliana uncharacterized protein (AT2G25510) mRNA, complete cds [NM_128108]
AT2G40840	-2.13	0.00773423	0.09079489	0.00451858	0.25799242	NM_129647	ref|Arabidopsis thaliana uncharacterized protein (AT2G25690) mRNA, complete cds [NM_128128]
AT2G41010	4.63	0.00003239	0.00206537	0.00027001	0.0192891	NM_129666	ref|Arabidopsis thaliana uncharacterized protein (AT2G25735) mRNA, complete cds [NM_128133]
AT2G41090	3.72	0.00013315	0.0059616	0.00065701	0.03596852	NM_129674	ref|Arabidopsis thaliana tryptophanyl-tRNA synthetase (OVA4) mRNA, complete cds [NM_201804]
AT2G41100	8.94	0.00000517	0.0005796	0.00002786	0.00397476	NM_0012027	ref|Arabidopsis thaliana defensin-like protein 14 (PDF1.3) mRNA, complete cds [NM_128160]
AT2G41110	2.17	0.00214429	0.04031809	0.00948983	0.23021996	NM_0012027	ref|Arabidopsis thaliana putative defensin-like protein 15 (PDF1.2b) mRNA, complete cds [NM_128161]
AT2G41170	-2.28	0.00275228	0.04670232	0.00181513	0.18199557	NM_180016	ref|Arabidopsis thaliana nodulin MtN21 /EamA-like transporter family protein (AT5G40240) mRNA, complete cds [NM_123388]
AT2G41180	3.95	0.00001962	0.00148229	0.00048983	0.02914474	NM_129683	ref|Arabidopsis thaliana glycine dehydrogenase [decarboxylating] 1 (GLDP2) mRNA, complete cds [NM_128167]
AT2G41230	2.3	0.00310324	0.05055056	0.00673795	0.18321708	NM_180017	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 42 (CRK42) mRNA, complete cds [NM_123402]
AT2G41240	-3.4	0.00635688	0.080318	0.00001592	0.01285714	NM_129689	ref|Arabidopsis thaliana heat stress transcription factor A-2 (HSFA2) mRNA, complete cds [NM_001124916]
AT2G41342	2.97	0.00003074	0.00201432	0.00163357	0.06846154	NM_0011250	ref|Arabidopsis thaliana cytochrome P450, family 711, subfamily A, polypeptide 1 (CYP711A1) mRNA, complete cds [NM_179743]
AT2G41380	5.06	0.00001171	0.00104217	0.00020809	0.01611301	NM_129701	ref|Arabidopsis thaliana calmodulin-binding-like protein (AT2G26190) mRNA, complete cds [NM_128177]
AT2G41410	4.31	0.00000364	0.00045656	0.00033215	0.02199122	NM_129704	ref|Arabidopsis thaliana 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase 1 (ARD3) mRNA, complete cds [NM_128197]
AT2G41640	7.71	0.00001716	0.00135425	0.00004644	0.0055409	NM_129727	ref|Arabidopsis thaliana pectinesterase 12 (AT2G26440) mRNA, complete cds [NM_128201]
AT2G41835	4.85	0.00063572	0.0182522	0.00027974	0.01970405	NM_180027	ref|Arabidopsis thaliana uncharacterized protein (AR781) mRNA, complete cds [NM_128210]
AT2G41880	2.55	0.00035695	0.01202713	0.00340049	0.11348339	NM_129752	ref|Arabidopsis thaliana phospholipase A 2A (PLA2A) mRNA, complete cds [NM_128213]
AT2G41990	-3.19	0.00037822	0.01261299	0.00004157	0.02238095	NM_129763	ref|Arabidopsis thaliana Potassium channel AKT1 (KT1) mRNA, complete cds [NM_128222]
AT2G42060	2.87	0.00269284	0.04624775	0.00278594	0.09966772	NM_129769	ref|Arabidopsis thaliana Ran BP2/NZF zinc finger-like protein (AT2G26695) mRNA, complete cds [NM_201808]
AT2G42170	-2.42	0.00317981	0.05139621	0.00106944	0.14392857	NM_180032	ref|Arabidopsis thaliana F-box protein (AT2G27310) mRNA, complete cds [NM_128290]
AT2G42290	-2.21	0.00134871	0.03010301	0.00349115	0.22747839	NM_129791	ref|Arabidopsis thaliana glucose-6-phosphate dehydrogenase 6 (G6PD6) mRNA, complete cds [NM_123441]
AT2G42300	-2.12	0.00043725	0.01393916	0.00577289	0.2903782	NM_180037	ref|Arabidopsis thaliana prohibitin 3 (PHB3) mRNA, complete cds [NM_123442]
AT2G42320	-2.21	0.00039638	0.01304547	0.00397479	0.24126174	NM_0010364	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT2G27385) mRNA, complete cds [NM_179769]
AT2G42350	2.86	0.00091899	0.02346522	0.00229721	0.0870746	NM_129797	ref|Arabidopsis thaliana cysteine proteinase-like protein (AT2G27420) mRNA, complete cds [NM_128302]
AT2G42360	13.9	0.00003152	0.00203815	0.00000376	0.00099415	NM_129798	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G27660) mRNA, complete cds [NM_128325]
AT2G42380	-2.74	0.00004063	0.00246256	0.00032994	0.08108696	NM_129800	ref|Arabidopsis thaliana cytochrome P450, family 94, subfamily C, polypeptide 1 (CYP94C1) mRNA, complete cds [NM_128328]
AT2G42530	-2.97	0.0021265	0.04015051	0.00007806	0.03427184	NM_129814	ref|Arabidopsis thaliana Lysine histidine transporter 1 (LHT1) mRNA, complete cds [NM_180778]
AT2G42540	-2.35	0.00178422	0.03589085	0.00169483	0.17740741	NM_0012028	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT2G27800) mRNA, complete cds [NM_128340]
AT2G42580	-2.11	0.00514648	0.07080125	0.00460946	0.26055	NM_129819	ref|Arabidopsis thaliana uncharacterized protein (AT2G27830) mRNA, complete cds [NM_128343]
AT2G42840	-2.03	0.00354184	0.05512777	0.0080973	0.32898473	NM_129845	ref|Arabidopsis thaliana GDSL esterase/lipase 1 (GLIP1) mRNA, complete cds [NM_123464]
AT2G42870	-2.87	0.00010228	0.00492049	0.00015391	0.05117647	NM_129848	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT2G28085) mRNA, complete cds [NM_128368]
AT2G42880	-2.03	0.0020914	0.03966984	0.00762406	0.32463277	NM_129849	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT5G41050) mRNA, complete cds [NM_123470]
AT2G42900	-2.49	0.00147707	0.03194502	0.00071849	0.11771739	NM_129851	ref|Arabidopsis thaliana uncharacterized protein (AT2G28150) mRNA, complete cds [NM_128375]
AT2G42920	-2.13	0.00822669	0.09436899	0.00335869	0.2240118	NM_129853	ref|Arabidopsis thaliana uncharacterized protein (AT5G41100) mRNA, complete cds [NM_180781]
AT2G42980	3.29	0.00002378	0.00169341	0.00107895	0.05162963	NM_129859	ref|Arabidopsis thaliana carbonic anhydrase (ACA2) mRNA, complete cds [NM_128381]
AT2G43000	29.8	0.00000005	0.0000859	0	0	NM_129861	ref|Arabidopsis thaliana uncharacterized protein (AT2G28570) mRNA, complete cds [NM_128417]
AT2G43010	-2.06	0.00055304	0.01638819	0.00768819	0.32461251	NM_129862	ref|Arabidopsis thaliana 3-ketoacyl-CoA synthase 12 (KCS12) mRNA, complete cds [NM_128424]
AT2G43140	5.12	0.00000455	0.00052949	0.00018753	0.0152518	NM_129876	ref|Arabidopsis thaliana C2H2-type zinc finger-containing protein (AT2G28710) mRNA, complete cds [NM_128432]
AT2G43150	3.51	0.00024279	0.00925908	0.00095931	0.04715217	NM_129877	ref|Arabidopsis thaliana glutamate receptor 2.9 (GLR2.9) mRNA, complete cds [NM_128467]
AT2G43200	-2.31	0.0003572	0.01202713	0.00214175	0.1937	NM_129882	ref|Arabidopsis thaliana putative purine permease 12 (PUP12) mRNA, complete cds [NM_123481]
AT2G43510	4.04	0.00150548	0.03235627	0.00066674	0.0363253	NM_129912	ref|Arabidopsis thaliana glutamate receptor 2.7 (GLR2.7) mRNA, complete cds [NM_128469]
AT2G43535	-2.02	0.00817109	0.09392388	0.00722888	0.31736893	NM_129915	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT2G29170) mRNA, complete cds [NM_128473]
AT2G43570	44.95	0.00000005	0.0000859	0	0	NM_129919	ref|Arabidopsis thaliana uncharacterized protein (AT2G29180) mRNA, complete cds [NM_128474]
AT2G43590	13.35	0.00001334	0.0011344	0.00000531	0.00131148	NM_129921	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29290) mRNA, complete cds [NM_128483]
AT2G43620	10.64	0.00003697	0.00227761	0.00001305	0.00234127	NM_129924	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29290) mRNA, complete cds [NM_001124936]
AT2G43710	-2.15	0.00789274	0.09210576	0.00344648	0.22521676	NM_129933	ref|Arabidopsis thaliana cation/H(+) antiporter 18 (CHX18) mRNA, complete cds [NM_123525]
AT2G44010	2.2	0.00145547	0.03165769	0.00807718	0.20670628	NM_129963	ref|Arabidopsis thaliana senescence-associated protein 13 (SAG13) mRNA, complete cds [NM_201829]

AT2G44180	3.6	0.00009277	0.00457653	0.00072335	0.03857311	NM_129981	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G41740) mRNA, complete cds [NM_123539]
AT2G44230	-2.22	0.00637823	0.08045284	0.00229898	0.19689394	NM_129987	ref|Arabidopsis thaliana tropine dehydrogenase (AT2G29360) mRNA, complete cds [NM_128490]
AT2G44290	3.76	0.00002809	0.0018849	0.00064418	0.0353949	NM_129993	ref|Arabidopsis thaliana glutathione S-transferase tau 7 (GSTU7) mRNA, complete cds [NM_128496]
AT2G44370	6.22	0.0000239	0.00169964	0.0001088	0.01022869	NM_130000	ref|Arabidopsis thaliana glutathione S-transferase (GSTU4) mRNA, complete cds [NM_128500]
AT2G44380	4.95	0.0000231	0.00166864	0.00023352	0.01757072	NM_130001	ref|Arabidopsis thaliana glutathione S-transferase tau 3 (GSTU3) mRNA, complete cds [NM_128501]
AT2G44480	4.29	0.00005065	0.00289205	0.00041685	0.02564626	NM_0011250	ref|Arabidopsis thaliana HSP20 family protein (AT2G29500) mRNA, complete cds [NM_128504]
AT2G44578	2.17	0.00431129	0.0629923	0.00899469	0.2222623	NM_0010845	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G41750) mRNA, complete cds [NM_123540]
AT2G44740	-3.68	0.00007267	0.00381643	0.00000796	0.00972973	NM_130038	ref|Arabidopsis thaliana thiamine biosynthesis protein ThiC (THIC) mRNA, complete cds [NM_128517]
AT2G44790	2.42	0.00763406	0.09001831	0.00608912	0.17102484	NM_130043	ref|Arabidopsis thaliana CTF2B like oxidoreductase (CTF2B) mRNA, complete cds [NM_128526]
AT2G44840	11.99	0.00000028	0.00012415	0.00000686	0.00146919	NM_130048	ref|Arabidopsis thaliana NADH dehydrogenase (NDA2) mRNA, complete cds [NM_128553]
AT2G45070	2.07	0.00628977	0.07971514	0.01247722	0.27821499	NM_0010364	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT5G42010) mRNA, complete cds [NM_123566]
AT2G45130	2.24	0.00086125	0.02246007	0.00690159	0.18554697	NM_130076	ref|Arabidopsis thaliana putative protein phosphatase 2C 25 (AT2G30020) mRNA, complete cds [NM_128557]
AT2G45190	-2.37	0.00792589	0.09229747	0.00123264	0.15229508	NM_130082	ref|Arabidopsis thaliana UDP-glucoronosyl/UDP-glucosyl transferase-like protein (AT2G30140) mRNA, complete cds [NM_128569]
AT2G45220	31.68	0.00000005	0.0000859	0	0	NM_130085	ref|Arabidopsis thaliana putative WRKY transcription factor 25 (WRKY25) mRNA, complete cds [NM_128578]
AT2G45290	2.2	0.00353249	0.05510149	0.00768023	0.19868421	NM_130092	ref|Arabidopsis thaliana Luminal-binding protein 2 (BIP2) mRNA, complete cds [NM_123567]
AT2G45300	2.26	0.00038802	0.01286376	0.00627001	0.17469501	NM_130093	ref|Arabidopsis thaliana cytochrome P450 71A12 (CYP71A12) mRNA, complete cds [NM_128628]
AT2G45470	-3.77	0.00049868	0.01510587	0.00000597	0.00870968	NM_130109	ref|Arabidopsis thaliana cytochrome P450, family 71, subfamily A, polypeptide 13 (CYP71A13) mRNA, complete cds [NM_128630]
AT2G45510	2.99	0.00092188	0.02352558	0.00190425	0.07661032	NM_130113	ref|Arabidopsis thaliana DCD (Development and Cell Death) domain protein (AT5G42050) mRNA, complete cds [NM_123570]
AT2G45760	2.19	0.00483392	0.06781407	0.00983989	0.23567797	NM_130139	ref|Arabidopsis thaliana glutathione S-transferase (GSTF9) mRNA, complete cds [NM_001084514]
AT2G45820	-2.05	0.00852564	0.09623799	0.00562141	0.28690745	NM_130145	ref|Arabidopsis thaliana uncharacterized protein (AT5G42070) mRNA, complete cds [NM_123572]
AT2G45960	-2.04	0.00810913	0.0934492	0.00715568	0.31661448	NM_130159	ref|Arabidopsis thaliana glutathione S-transferase ERD13 (GSTF10) mRNA, complete cds [NM_128639]
AT2G45970	-2.17	0.00162876	0.03400696	0.00340823	0.22532164	NM_130160	ref|Arabidopsis thaliana Glutathione S-transferase family protein (AT5G42150) mRNA, complete cds [NM_123580]
AT2G46140	2.05	0.0005951	0.01737264	0.01080982	0.25080554	NM_130176	ref|Arabidopsis thaliana oxysterol binding protein-related protein 1A (ORP1A) mRNA, complete cds [NM_128656]
AT2G46150	3.67	0.00034762	0.01184739	0.00083238	0.04238739	NM_130177	ref|Arabidopsis thaliana ethylene-responsive transcription factor 15 (ERF15) mRNA, complete cds [NM_179831]
AT2G46270	3.88	0.00007654	0.00395993	0.00059244	0.0333209	NM_130190	ref|Arabidopsis thaliana Salt tolerance-like protein (STH) mRNA, complete cds [NM_128695]
AT2G46400	23.07	0.00000024	0.00011737	0	0	NM_130204	ref|Arabidopsis thaliana fructokinase (AT2G31390) mRNA, complete cds [NM_128696]
AT2G46420	2.04	0.00633106	0.08008127	0.01272048	0.28155653	NM_0011250	ref|Arabidopsis thaliana calcium-binding protein CML37 (CML37) mRNA, complete cds [NM_123603]
AT2G46430	7.09	0.00000122	0.00025173	0.00006037	0.006825	NM_130207	ref|Arabidopsis thaliana uncharacterized protein (AT2G31560) mRNA, complete cds [NM_179838]
AT2G46440	3.36	0.00033255	0.01145512	0.00120478	0.0550303	NM_130208	ref|Arabidopsis thaliana putative poly(ADP-ribose) glycohydrolase 2 (PARG2) mRNA, complete cds [NM_201849]
AT2G46600	2.12	0.00083375	0.02198426	0.00894781	0.22134573	NM_130225	ref|Arabidopsis thaliana protein kinase family protein (AT5G42440) mRNA, complete cds [NM_123609]
AT2G46620	5.09	0.00000774	0.00077598	0.00019792	0.01548443	NM_130227	ref|Arabidopsis thaliana putative leucine-rich repeat transmembrane protein kinase (SOBIR1) mRNA, complete cds [NM_128746]
AT2G46650	2.36	0.0007671	0.02075888	0.00609067	0.17096214	NM_130230	ref|Arabidopsis thaliana uncharacterized protein (AT2G31945) mRNA, complete cds [NM_128753]
AT2G46710	-3.21	0.0009077	0.02325617	0.00004268	0.02270588	NM_180127	ref|Arabidopsis thaliana uncharacterized protein (AT5G42530) mRNA, complete cds [NM_123618]
AT2G46910	-2.05	0.00775069	0.09091735	0.00612848	0.29992424	NM_130259	ref|Arabidopsis thaliana Molybdopterin biosynthesis protein CNX2 (CNX2) mRNA, complete cds [NM_001202723]
AT2G47000	2.79	0.00018799	0.00763157	0.00229633	0.08711409	NM_130268	ref|Arabidopsis thaliana GCN5-related N-acetyltransferase-like protein (AT2G32030) mRNA, complete cds [NM_128763]
AT2G47130	18.07	0.00000048	0.00015742	0.00000088	0.00036036	NM_130281	ref|Arabidopsis thaliana lactoylglutathione lyase / glyoxalase I-like protein (AT2G32090) mRNA, complete cds [NM_128769]
AT2G47440	-2.52	0.00033169	0.01145512	0.00078218	0.12324042	NM_130312	ref|Arabidopsis thaliana ovate family protein 16 (OFP16) mRNA, complete cds [NM_128770]
AT2G47470	2.49	0.00033194	0.01145512	0.00399403	0.12656622	NM_201979	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G42830) mRNA, complete cds [NM_123648]
AT2G47800	4.52	0.00037395	0.01251675	0.00029876	0.02062595	NM_130347	ref|Arabidopsis thaliana transmembrane receptor protein (AT2G32140) mRNA, complete cds [NM_128773]
AT2G47930	-2.56	0.00118245	0.02776235	0.00068443	0.11679245	NM_130360	ref|Arabidopsis thaliana haloacid dehalogenase-like hydrolase domain-containing protein (AT2G32150) mRNA, complete cds [NM_128774]
AT3G01290	9.41	0.00002473	0.00173428	0.00001858	0.00292683	NM_110995	ref|Arabidopsis thaliana N2227-like domain-containing protein (AT2G32160) mRNA, complete cds [NM_179853]
AT3G01440	-2.36	0.00950854	0.10314496	0.00090602	0.132589	NM_111010	ref|Arabidopsis thaliana uncharacterized protein (AT2G32190) mRNA, complete cds [NM_001084521]
AT3G01720	2.68	0.00077148	0.02085257	0.00320478	0.10912651	NM_111038	ref|Arabidopsis thaliana uncharacterized protein (AT2G32200) mRNA, complete cds [NM_128779]
AT3G01830	19.12	0.00000037	0.00013967	0.00000088	0.00040404	NM_111049	ref|Arabidopsis thaliana uncharacterized protein (AT2G32210) mRNA, complete cds [NM_128780]
AT3G01970	5.37	0.00001617	0.00130534	0.00016939	0.0142115	NM_111063	ref|Arabidopsis thaliana uncharacterized protein (AT2G32240) mRNA, complete cds [NM_128783]
AT3G02110	-2.1	0.00063133	0.01816949	0.00577886	0.29035556	NM_111077	ref|Arabidopsis thaliana FAR1-related protein (FRS2) mRNA, complete cds [NM_128784]
AT3G02140	2.02	0.00727818	0.08729741	0.01280097	0.28264648	NM_111081	ref|Arabidopsis thaliana zinc-finger protein 3 (ZF3) mRNA, complete cds [NM_123683]
AT3G02230	2	0.00608425	0.07813925	0.01330053	0.29097726	NM_111090	ref|Arabidopsis thaliana RING-H2 finger protein ATL16 (AT5G43420) mRNA, complete cds [NM_123708]
AT3G02380	-3.38	0.00001753	0.00137928	0.00001592	0.01309091	NM_111105	ref|Arabidopsis thaliana glutamate receptor 3.7 (GLR5) mRNA, complete cds [NM_128799]
AT3G02410	-2.31	0.00352262	0.05496652	0.00146263	0.16371287	NM_111108	ref|Arabidopsis thaliana Cell differentiation, Rcd1-like protein (AT2G32550) mRNA, complete cds [NM_128814]
AT3G02800	6.13	0.00005627	0.00313262	0.00011168	0.01039095	NM_111148	ref|Arabidopsis thaliana F-box protein (AT2G32560) mRNA, complete cds [NM_179860]
AT3G02840	10.19	0.00002743	0.00185943	0.00000951	0.00179167	NM_111152	ref|Arabidopsis thaliana receptor like protein 23 (RLP23) mRNA, complete cds [NM_128827]
AT3G03480	-2.19	0.00807953	0.0932032	0.00239142	0.19805861	NM_111219	ref|Arabidopsis thaliana sulfate adenylyltransferase (APS4) mRNA, complete cds [NM_123745]
AT3G03560	2.47	0.00015861	0.00674074	0.00408293	0.12821528	NM_111227	ref|Arabidopsis thaliana protein disulfide-isomerase A6 (PDIL2-3) mRNA, complete cds [NM_128852]
AT3G03820	-3.85	0.00000848	0.00082321	0.00000287	0.0052	NM_111253	ref|Arabidopsis thaliana phosphotyrosine protein phosphatase-like protein (AT2G32960) mRNA, complete cds [NM_128856]
AT3G03830	-3.29	0.00144565	0.0314903	0.00001924	0.01338462	NM_111254	ref|Arabidopsis thaliana endoglucanase 11 (GH9B8) mRNA, complete cds [NM_128859]
AT3G03855	2.49	0.00126641	0.0289911	0.00458072	0.13939435	BX823963	ref|Arabidopsis thaliana protein ralf-like 18 (RALFL18) mRNA, complete cds [NM_128873]
AT3G04120	2.36	0.00231366	0.04222106	0.00620699	0.17368812	NM_111283	ref|Arabidopsis thaliana pfkB-like carbohydrate kinase family protein (AT5G43910) mRNA, complete cds [NM_123758]
AT3G04210	3.12	0.00001701	0.00135184	0.00132618	0.05902559	NM_111292	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 11 (PDLP3) mRNA, complete cds [NM_128893]
AT3G04640	13.85	0.0000005	0.00016072	0.0000031	0.0008805	NM_111336	ref|Arabidopsis thaliana serine carboxypeptidase-like 46 (scpl46) mRNA, complete cds [NM_179881]
AT3G04700	2.83	0.00221706	0.04127443	0.00271163	0.09817454	NM_111342	ref|Arabidopsis thaliana HAD superfamily, subfamily IIIB acid phosphatase (AT5G44020) mRNA, complete cds [NM_123769]
AT3G04717	5.35	0.00009494	0.00466134	0.00015944	0.01355263	A_84_P76062	ref|Arabidopsis thaliana uncharacterized protein (AT2G33570) mRNA, complete cds [NM_128917]
AT3G04720	8.07	0.00014717	0.00642381	0.00004135	0.00515152	NM_111344	ref|Arabidopsis thaliana protein kinase family protein (AT2G33580) mRNA, complete cds [NM_128918]
AT3G04910	-2.04	0.0014154	0.0310702	0.00715325	0.31681685	NM_0011251	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT5G44050) mRNA, complete cds [NM_123772]
AT3G04960	-2.15	0.00046395	0.01454912	0.00532707	0.27945476	NM_111368	ref|Arabidopsis thaliana glutathione gamma-glutamylcysteinyltransferase 1 (CAD1) mRNA, complete cds [NM_123774]
AT3G05180	-2.29	0.00085777	0.02240264	0.00227466	0.19780769	NM_111391	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF112 (AT2G33710) mRNA, complete cds [NM_001202740]
AT3G05200	2.96	0.00075952	0.02062791	0.00211013	0.08169521	NM_111393	ref|Arabidopsis thaliana squamosa promoter-binding-like protein 3 (SPL3) mRNA, complete cds [NM_128940]
AT3G05360	3.7	0.00040747	0.01327948	0.00077377	0.04059165	NM_111409	ref|Arabidopsis thaliana uncharacterized protein (AT2G33847) mRNA, complete cds [NM_001084532]
AT3G05370	2.52	0.00238826	0.04306214	0.00469416	0.14179693	NM_111410	ref|Arabidopsis thaliana peroxidase 19 (AT2G34060) mRNA, complete cds [NM_128957]
AT3G05660	2.22	0.00191729	0.03747767	0.00774392	0.20010286	NM_111439	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 61 (AT5G44260) mRNA, complete cds [NM_123793]
AT3G05890	-2.03	0.0009921	0.02477245	0.00754843	0.32323864	NM_111463	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT5G44380) mRNA, complete cds [NM_123805]
AT3G05900	-3.08	0.00015752	0.00671966	0.00006944	0.03171717	NM_111464	ref|Arabidopsis thaliana uncharacterized protein (AT2G34170) mRNA, complete cds [NM_128968]
AT3G05905	-2.09	0.00807789	0.0932032	0.004749	0.26349693	AK230377	ref|Arabidopsis thaliana defensin-like protein 16 (PDF1.2) mRNA, complete cds [NM_123809]
AT3G05910	-2	0.00216625	0.04057899	0.00979014	0.34996838	NM_111465	ref|Arabidopsis thaliana defensin-like protein 17 (PDF1.2c) mRNA, complete cds [NM_123810]
AT3G06125	-2.01	0.00111289	0.02656664	0.0091172	0.34129139	TA49543_37(	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTSIL47ZH12 of Silique of strain col-0 of Arabidopsis thaliana (th
AT3G06130	-2.26	0.00030229	0.01076343	0.00274038	0.20791946	NM_111488	ref|Arabidopsis thaliana protein transport protein SEC61 subunit alpha (AT2G34250) mRNA, complete cds [NM_128976]
AT3G06300	2.63	0.0001259	0.00577413	0.00297766	0.10397683	NM_111505	ref|Arabidopsis thaliana uncharacterized protein (AT5G44568) mRNA, complete cds [NM_001085241]
AT3G06750	-2.43	0.00143904	0.03140609	0.00100332	0.14133956	NM_111555	ref|Arabidopsis thaliana light-harvesting complex II chlorophyll a/b binding protein 1 (LHB1B1) mRNA, complete cds [NM_128995]
AT3G06770	-2.32	0.00154563	0.03287825	0.00181977	0.18165563	NM_180194	ref|Arabidopsis thaliana cytochrome P450, family 710, subfamily A (CYP710A1) mRNA, complete cds [NM_129002]
AT3G06840	-2.01	0.00138035	0.03056778	0.00825276	0.32967314	NM_111564	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT2G34560) mRNA, complete cds [NM_201871]
AT3G06868	-2.15	0.00923742	0.10143663	0.0029571	0.21292994	NM_0011251	ref|Arabidopsis thaliana uncharacterized protein (AT5G44574) mRNA, complete cds [NM_001085243]
AT3G06880	-2.03	0.00100521	0.02496552	0.00833215	0.32849172	NM_111568	ref|Arabidopsis thaliana protein TIFY 5B (JAZ7) mRNA, complete cds [NM_129014]
AT3G07090	2	0.00300381	0.04957378	0.01344494	0.29286127	NM_111589	ref|Arabidopsis thaliana transcription termination factor-like protein (AT2G34620) mRNA, complete cds [NM_129016]
AT3G07195	4.68	0.00001935	0.00147555	0.00026603	0.01921725	NM_148695	ref|Arabidopsis thaliana fatty acid hydroxylase 1 (FAH1) mRNA, complete cds [NM_129030]
AT3G07390	3.5	0.00000822	0.00080115	0.00081667	0.04191827	NM_111618	ref|Arabidopsis thaliana vacuolar-sorting receptor 5 (VSR5) mRNA, complete cds [NM_129047]
AT3G07460	-2	0.00153239	0.03270151	0.01011698	0.3551941	NM_148697	ref|Arabidopsis thaliana cationic amino acid transporter 5 (CAT5) mRNA, complete cds [NM_129048]
AT3G07550	-2.2	0.00582521	0.07602195	0.00274082	0.20725753	NM_111633	ref|Arabidopsis thaliana uncharacterized protein (AT5G44575) mRNA, complete cds [NM_180589]
AT3G07680	2.2	0.00288976	0.04816619	0.00820301	0.20815937	NM_111647	ref|Arabidopsis thaliana uncharacterized protein (AT5G44582) mRNA, complete cds [NM_001085245]
AT3G07800	2.45	0.00045478	0.01436125	0.00471406	0.14230307	NM_111659	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT2G35130) mRNA, complete cds [NM_001202753]
AT3G08710	2	0.00124188	0.02869591	0.01268996	0.2811563	NM_111705	ref|Arabidopsis thaliana uncharacterized protein (AT2G35260) mRNA, complete cds [NM_129078]
AT3G08720	3.11	0.00060222	0.01752416	0.00167868	0.06970615	NM_180212	ref|Arabidopsis thaliana uncharacterized protein (AT2G35470) mRNA, complete cds [NM_129099]
AT3G08870	4.34	0.00002554	0.00176074	0.00035803	0.02319484	NM_111721	ref|Arabidopsis thaliana LRR receptor-like serine/threonine-protein kinase FEI 2 (FEI2) mRNA, complete cds [NM_001202755]
AT3G08970	4.37	0.00029432	0.01057572	0.00043543	0.02653639	NM_111731	ref|Arabidopsis thaliana uncharacterized protein (AT2G35658) mRNA, complete cds [NM_001124974]
AT3G09010	11.12	0.00000015	0.00010001	0.00000929	0.00178723	NM_111735	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF038 (ERF38) mRNA, complete cds [NM_129125]
AT3G09020	9.89	0.00001549	0.00126702	0.00001725	0.00283636	NM_111736	ref|Arabidopsis thaliana chaperone protein dnaJ 13 (OWL1) mRNA, complete cds [NM_129128]
AT3G09050	-2.04	0.00189435	0.03717813	0.00734432	0.31841802	NM_111739	ref|Arabidopsis thaliana uncharacterized protein (AT5G44585) mRNA, complete cds [NM_001125900]
AT3G09270	5.23	0.000012	0.00106346	0.00018797	0.01520572	NM_111761	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 16 (FLA16) mRNA, complete cds [NM_179922]
AT3G09350	2.52	0.00257711	0.04504336	0.00449292	0.13764905	NM_0011611	ref|Arabidopsis thaliana DNA-3-methyladenine glycosylase I (AT5G44680) mRNA, complete cds [NM_123835]
AT3G09410	11.86	0.00000012	0.00009777	0.00000708	0.00148148	NM_0011611	ref|Arabidopsis thaliana TPX2 (targeting protein for Xklp2)-like protein (AT2G35880) mRNA, complete cds [NM_129147]
AT3G09440	4.25	0.00002247	0.00163881	0.00038257	0.02422969	NM_0012029	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase PUB23 (PUB23) mRNA, complete cds [NM_129152]
AT3G09490	4.14	0.00000765	0.00076921	0.00040823	0.02535714	NM_111783	ref|Arabidopsis thaliana NDR1/HIN1-like 12 protein (NHL12) mRNA, complete cds [NM_129155]
AT3G09520	5.66	0.00000762	0.00076921	0.00013644	0.01193424	NM_111786	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (YLS9) mRNA, complete cds [NM_129157]
AT3G09540	-2.02	0.00091248	0.02335171	0.0083567	0.32888599	NM_111788	ref|Arabidopsis thaliana molybdenum cofactor sulfurase family protein (AT5G44720) mRNA, complete cds [NM_123839]
AT3G09730	-2.14	0.00305958	0.05020105	0.00438014	0.25361076	NM_111807	ref|Arabidopsis thaliana Nucleotide-diphospho-sugar transferase family protein (AT5G44820) mRNA, complete cds [NM_123850]
AT3G09830	4.67	0.00000141	0.00027105	0.0002448	0.01820724	NM_111818	ref|Arabidopsis thaliana ovate family protein 15 (OFP15) mRNA, complete cds [NM_129164]
AT3G09940	9.29	0.00001217	0.00107002	0.00002123	0.00331034	NM_111829	ref|Arabidopsis thaliana uncharacterized protein (AT2G36220) mRNA, complete cds [NM_129180]
AT3G10160	-2.08	0.00642645	0.08084552	0.00570677	0.29028121	NM_111851	ref|Arabidopsis thaliana Toll-Interleukin-Resistance domain-containing protein (AT5G44910) mRNA, complete cds [NM_123859]
AT3G10320	3.16	0.00063537	0.0182522	0.00146727	0.06313035	NM_111867	ref|Arabidopsis thaliana uncharacterized protein (AT2G36470) mRNA, complete cds [NM_129204]
AT3G10405	-2	0.00053379	0.01594533	0.01033238	0.35775651	NM_148703	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT2G36690) mRNA, complete cds [NM_129224]
AT3G10500	3.58	0.00002792	0.00187889	0.00072269	0.03858323	NM_111885	ref|Arabidopsis thaliana UDP-glucosyl transferase 73C (AT2G36780) mRNA, complete cds [NM_129233]
AT3G10815	5.68	0.00000477	0.000546	0.00013445	0.01180583	NM_202545	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTLS3ZG10 of Adult vegetative tissue of strain col-0 of Arabidops
AT3G10985	2.95	0.00505586	0.07002324	0.00254755	0.09373474	NM_202550	ref|Arabidopsis thaliana cytokinin-O-glucosyltransferase 3 (DOGT1) mRNA, complete cds [NM_129235]
AT3G11010	9.92	0.00000034	0.00013455	0.00001791	0.00289286	NM_111938	ref|Arabidopsis thaliana aquaporin TIP1-1 (GAMMA-TIP) mRNA, complete cds [NM_129238]
AT3G11080	2.46	0.0065741	0.08216711	0.00611964	0.17166873	NM_111945	ref|Arabidopsis thaliana protein TRF-like 8 (TRFL8) mRNA, complete cds [NM_179944]
AT3G11110	-2.3	0.00177942	0.03581014	0.00199912	0.18755187	NM_111948	ref|Arabidopsis thaliana phenylalanine ammonia-lyase 1 (PAL1) mRNA, complete cds [NM_129260]
AT3G11330	2.05	0.00260998	0.04534123	0.01149425	0.26264275	NM_111967	ref|Arabidopsis thaliana Exostosin family protein (ARAD2) mRNA, complete cds [NM_180801]
AT3G11340	36.29	0.00000014	0.00009777	0	0	NM_111968	ref|Arabidopsis thaliana PLAC8 domain-containing protein (AT2G37110) mRNA, complete cds [NM_129267]
AT3G11402	2.56	0.00039637	0.01304547	0.00343056	0.11381511	NM_148710	ref|Arabidopsis thaliana Thioredoxin-like protein (AT2G37240) mRNA, complete cds [NM_129280]
AT3G11580	4.27	0.00003225	0.00206413	0.00037749	0.02404225	NM_111991	ref|Arabidopsis thaliana C2H2 and C2HC zinc finger domain-containing protein (AT2G37430) mRNA, complete cds [NM_129298]

AT3G11820	5.11	0.00000296	0.00040853	0.00018134	0.01488203	NM_112015	ref|Arabidopsis thaliana expansin-A3 (EXP3) mRNA, complete cds [NM_129320]
AT3G11840	6.33	0.00000756	0.00076884	0.00009376	0.00923747	NM_112017	ref|Arabidopsis thaliana receptor lectin kinase (RLK) mRNA, complete cds [NM_129327]
AT3G12040	2.48	0.00034435	0.01177888	0.00389452	0.12437147	NM_112038	ref|Arabidopsis thaliana defensin-like protein 285 (AT5G44973) mRNA, complete cds [NM_001036935]
AT3G12110	-2.78	0.00079502	0.02123104	0.00021362	0.06113924	NM_112046	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT2G37760) mRNA, complete cds [NM_201898]
AT3G12500	8.68	0.00007029	0.0037221	0.00003494	0.00466077	NM_112085	ref|Arabidopsis thaliana NAD(P)-linked oxidoreductase-like protein (AT2G37770) mRNA, complete cds [NM_001036428]
AT3G12580	4.71	0.00055794	0.01650098	0.00033658	0.02221898	NM_112093	ref|Arabidopsis thaliana inositol phosphorylceramide synthase 2 (AtIPCS2) mRNA, complete cds [NM_129350]
AT3G12610	-2.05	0.00269731	0.04626126	0.0066391	0.30886831	NM_112096	ref|Arabidopsis thaliana SOUL heme-binding-like protein (SOUL-1) mRNA, complete cds [NM_129353]
AT3G12740	2.66	0.00884825	0.09889222	0.00403251	0.12680807	NM_112110	ref|Arabidopsis thaliana auxin transporter protein 1 (AUX1) mRNA, complete cds [NM_129368]
AT3G12780	-2.23	0.00668817	0.08295092	0.00213932	0.19386774	NM_112114	ref|Arabidopsis thaliana Glutathione S-transferase family protein (AT5G44990) mRNA, complete cds [NM_001125904]
AT3G12830	5.36	0.00002265	0.00164877	0.0001736	0.01445672	NM_112119	ref|Arabidopsis thaliana putative PDX1-like protein 4 (PDX1L4) mRNA, complete cds [NM_129378]
AT3G12910	4.2	0.00001845	0.00142621	0.00041862	0.02572011	NM_112127	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT2G38240) mRNA, complete cds [NM_129381]
AT3G13000	-2.63	0.0004056	0.01325097	0.0005387	0.10454936	NM_202568	ref|Arabidopsis thaliana DNA-binding protein (AT2G38250) mRNA, complete cds [NM_129382]
AT3G13061	-2.12	0.00226441	0.0418117	0.00460305	0.26051314	A_84_P76284	ref|Arabidopsis thaliana ammonium transporter 2 (AMT2) mRNA, complete cds [NM_201905]
AT3G13080	5.36	0.00000376	0.00046767	0.00016475	0.01387337	NM_202571	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 2E (AT2G38340) mRNA, complete cds [NM_129390]
AT3G13090	2.39	0.00086741	0.02251689	0.00533061	0.15461835	NM_112148	ref|Arabidopsis thaliana alanine:glyoxylate aminotransferase 3 (AGT3) mRNA, complete cds [NM_001202772]
AT3G13110	2.12	0.00109817	0.02639438	0.0091391	0.22460326	NM_112150	ref|Arabidopsis thaliana putative WRKY transcription factor 33 (WRKY33) mRNA, complete cds [NM_129404]
AT3G13310	2.84	0.0005577	0.01650098	0.00244847	0.09105263	NM_112176	ref|Arabidopsis thaliana uncharacterized protein (AT2G38480) mRNA, complete cds [NM_129405]
AT3G13330	2.08	0.00231638	0.04225354	0.01092127	0.25274309	NM_112178	ref|Arabidopsis thaliana annexin D3 (ANNAT3) mRNA, complete cds [NM_129433]
AT3G13380	2.53	0.00051537	0.01550572	0.00395334	0.1257173	NM_112183	ref|Arabidopsis thaliana uncharacterized protein (AT2G38790) mRNA, complete cds [NM_129436]
AT3G13437	2.32	0.00280507	0.04726182	0.00632375	0.17554328	NM_0010846	ref|Arabidopsis thaliana class I glutamine amidotransferase-like domain-containing protein (YLS5) mRNA, complete cds [NM_179972]
AT3G13520	-2.09	0.00302414	0.04978224	0.00608249	0.29831887	NM_112198	ref|Arabidopsis thaliana serine protease inhibitor, potato inhibitor I-type protein (AT2G38870) mRNA, complete cds [NM_129444]
AT3G13600	2.53	0.00026879	0.00994627	0.00381756	0.12269367	NM_112206	ref|Arabidopsis thaliana endoplasmic oxidoreductin-2 (ERO2) mRNA, complete cds [NM_201908]
AT3G13610	6.58	0.00001913	0.00146595	0.00007475	0.00787879	NM_112207	ref|Arabidopsis thaliana putative aquaporin PIP2-6 (PIP2E) mRNA, complete cds [NM_129458]
AT3G13750	-2.6	0.00230725	0.04214272	0.00039783	0.09085859	NM_112225	ref|Arabidopsis thaliana acyl-CoA N-acyltransferases-like protein (AT2G39030) mRNA, complete cds [NM_129460]
AT3G13790	6.83	0.00001641	0.00131768	0.00006236	0.00686131	NM_0012029	ref|Arabidopsis thaliana MLO-like protein 12 (MLO12) mRNA, complete cds [NM_129478]
AT3G13910	3.75	0.00003128	0.00203113	0.00065767	0.03596131	NM_112245	ref|Arabidopsis thaliana major facilitator protein (AT2G39210) mRNA, complete cds [NM_129479]
AT3G13950	19.41	0.00000043	0.00014614	0.00000088	0.00043011	NM_112249	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT2G39270) mRNA, complete cds [NM_179983]
AT3G13980	-2.59	0.0025634	0.04489428	0.00054578	0.10457627	NM_112252	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (AT2G39400) mRNA, complete cds [NM_129497]
AT3G14050	2.82	0.00016509	0.00692144	0.00227178	0.08632773	NM_112259	ref|Arabidopsis thaliana putative Mn-specific cation diffusion facilitator transporter (MTP11) mRNA, complete cds [NM_129503]
AT3G14225	6	0.00001918	0.00146778	0.00010217	0.00987179	NM_112280	ref|Arabidopsis thaliana UPF0497 membrane protein (AT2G39518) mRNA, complete cds [NM_001084554]
AT3G14280	2.42	0.00040275	0.01318795	0.00448165	0.13758316	NM_112286	ref|Arabidopsis thaliana UPF0497 membrane protein (AT2G39530) mRNA, complete cds [NM_129511]
AT3G14470	4.2	0.00004898	0.00282836	0.00043764	0.02663526	NM_112307	ref|Arabidopsis thaliana ACT domain-containing protein (AT2G39570) mRNA, complete cds [NM_129515]
AT3G14620	6.94	0.00000075	0.00019343	0.00006303	0.00691748	NM_112323	ref|Arabidopsis thaliana uncharacterized protein (AT2G39650) mRNA, complete cds [NM_129521]
AT3G14640	-2.5	0.00053421	0.01594533	0.00080805	0.12386441	NM_112325	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G45000) mRNA, complete cds [NM_123868]
AT3G14650	-2.08	0.00741635	0.08827783	0.00508425	0.27208284	NM_112326	ref|Arabidopsis thaliana serine/threonine-protein kinase BIK1 (BIK1) mRNA, complete cds [NM_129522]
AT3G14680	-2.35	0.00619603	0.0788808	0.00125011	0.15319783	NM_112329	ref|Arabidopsis thaliana cytochrome c6 (AT5G45040) mRNA, complete cds [NM_123872]
AT3G14770	-2.01	0.00244131	0.04359138	0.00857497	0.33227078	NM_112338	ref|Arabidopsis thaliana phloem protein 2-A7 (PP2-A7) mRNA, complete cds [NM_123877]
AT3G14810	-2.54	0.00048495	0.014918	0.00072269	0.11755396	NM_112342	ref|Arabidopsis thaliana Eukaryotic aspartyl protease family protein (AT2G39710) mRNA, complete cds [NM_129528]
AT3G14840	2.12	0.00338919	0.0536411	0.01047037	0.24481386	NM_112346	ref|Arabidopsis thaliana HS1 PRO-1 2-like protein (HSPRO2) mRNA, complete cds [NM_129558]
AT3G14990	3.41	0.00072768	0.01995484	0.00117846	0.05432212	NM_0010356	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT2G40113) mRNA, complete cds [NM_179995]
AT3G15210	4.3	0.00000558	0.00061719	0.0003452	0.02252525	NM_112384	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 29 (CZF1) mRNA, complete cds [NM_129572]
AT3G15340	3.16	0.00380903	0.05785836	0.00209774	0.08135506	NM_112397	ref|Arabidopsis thaliana putative protein phosphatase 2C 30 (PP2C5) mRNA, complete cds [NM_129576]
AT3G15352	2.15	0.00249548	0.04420123	0.00925918	0.22607991	NM_112400	ref|Arabidopsis thaliana Protein kinase family protein (AT2G40270) mRNA, complete cds [NM_129585]
AT3G15356	18.64	0.0000005	0.00016072	0.00000088	0.00038462	NM_148726	ref|Arabidopsis thaliana potassium transporter 2 (KT2) mRNA, complete cds [NM_001084563]
AT3G15500	4.62	0.00003207	0.00206008	0.00030694	0.02093514	NM_112418	ref|Arabidopsis thaliana expansin A8 (EXPA8) mRNA, complete cds [NM_129623]
AT3G15510	2.51	0.00380119	0.05779884	0.00473485	0.14283522	NM_112419	ref|Arabidopsis thaliana NPR1-like protein 3 (NPR3) mRNA, complete cds [NM_123879]
AT3G15518	18.7	0.00000147	0.00027385	0.00000088	0.00040816	NM_0011251	ref|Arabidopsis thaliana WRKY transcription factor 55 (WRKY55) mRNA, complete cds [NM_001084564]
AT3G15540	2.16	0.00077097	0.0208511	0.00826957	0.2091443	NM_112422	ref|Arabidopsis thaliana abscisic acid 8'-hydroxylase 3 (CYP707A3) mRNA, complete cds [NM_180805]
AT3G15760	3.01	0.00005421	0.00305293	0.00158005	0.0667757	NM_112446	ref|Arabidopsis thaliana WRKY DNA-binding protein 54 (WRKY54) mRNA, complete cds [NM_129637]
AT3G16030	2.99	0.00086471	0.02248175	0.00186157	0.07509367	NM_112473	ref|Arabidopsis thaliana 4-alpha-glucanotransferase (DPE2) mRNA, complete cds [NM_129647]
AT3G16240	-2.16	0.00534686	0.07243404	0.0039027	0.23945726	NM_112495	ref|Arabidopsis thaliana calmodulin binding protein 25 (CAMBP25) mRNA, complete cds [NM_129666]
AT3G16370	-2.02	0.00054535	0.01622403	0.0092092	0.34190476	NM_112508	ref|Arabidopsis thaliana calmodulin-like protein 10 (AT2G41090) mRNA, complete cds [NM_129674]
AT3G16510	5.13	0.00009406	0.00463331	0.00020234	0.01580311	NM_112522	ref|Arabidopsis thaliana calmodulin-like protein 12 (TCH3) mRNA, complete cds [NM_001202794]
AT3G16530	13.56	0.00000575	0.00063092	0.00000398	0.00102857	NM_112525	ref|Arabidopsis thaliana calmodulin 2 (CAM2) mRNA, complete cds [NM_001202795]
AT3G16565	3.98	0.00054772	0.01626248	0.00065568	0.03593939	NM_148728	ref|Arabidopsis thaliana F-box protein (AT2G41170) mRNA, complete cds [NM_180016]
AT3G16570	-2.2	0.00106737	0.02589395	0.00340889	0.2250365	NM_112530	ref|Arabidopsis thaliana solute:sodium symporter (DUR3) mRNA, complete cds [NM_123906]
AT3G16670	-2.29	0.00140194	0.03087955	0.00207099	0.18919192	NM_112540	ref|Arabidopsis thaliana uncharacterized protein (AT5G45470) mRNA, complete cds [NM_123915]
AT3G16690	-2.35	0.00033338	0.01146751	0.00182884	0.18175824	NM_112542	ref|Arabidopsis thaliana VQ motif-containing protein (AT2G41180) mRNA, complete cds [NM_129683]
AT3G16720	3.99	0.0001812	0.00742851	0.00053627	0.03125	NM_112545	ref|Arabidopsis thaliana uncharacterized protein (AT2G41230) mRNA, complete cds [NM_180017]
AT3G16850	-2.35	0.00167797	0.03458171	0.00155949	0.16992771	NM_112559	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT5G45510) mRNA, complete cds [NM_001085250]
AT3G16990	2.62	0.00096188	0.02424543	0.00329014	0.11094705	NM_112575	ref|Arabidopsis thaliana transcription factor bHLH100 (BHLH100) mRNA, complete cds [NM_129689]
AT3G17100	-2.01	0.00189048	0.03713613	0.0089341	0.33807531	NM_112586	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G45670) mRNA, complete cds [NM_123934]
AT3G17110	3.92	0.00244053	0.04359138	0.00081159	0.04179954	TC397277	ref|Arabidopsis thaliana uncharacterized protein (AT2G41342) mRNA, complete cds [NM_001125023]
AT3G17240	4.23	0.00006017	0.00329817	0.00039076	0.02454167	NM_112601	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT2G41380) mRNA, complete cds [NM_129701]
AT3G17510	-2.21	0.00044627	0.01417157	0.00340712	0.22590909	NM_112631	ref|Arabidopsis thaliana putative calcium-binding protein CML35 (AT2G41410) mRNA, complete cds [NM_129704]
AT3G17609	3.25	0.00569707	0.07513021	0.0018609	0.07513393	NM_0010356	ref|Arabidopsis thaliana Glycosyltransferase family 61 protein (AT2G41640) mRNA, complete cds [NM_129727]
AT3G17640	-2.29	0.00049602	0.0150816	0.00239407	0.1979159	NM_112645	ref|Arabidopsis thaliana zinc finger AN1 and C2H2 domain-containing stress-associated protein 11 (AT2G41835) mRNA, complete cds [NM_18
AT3G17700	2.5	0.00032459	0.01129084	0.00408448	0.12817488	NM_112651	ref|Arabidopsis thaliana guanylate kinase 1 (GK-1) mRNA, complete cds [NM_129752]
AT3G17790	7.63	0.00000095	0.00021577	0.00004489	0.00545699	NM_112660	ref|Arabidopsis thaliana uncharacterized protein (AT2G41990) mRNA, complete cds [NM_129763]
AT3G18250	16.63	0.0000004	0.00014049	0.00000111	0.0004	NM_112709	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G42060) mRNA, complete cds [NM_129769]
AT3G18560	2.2	0.00090839	0.02326015	0.00765922	0.1983677	NM_112742	ref|Arabidopsis thaliana putative actin (AT2G42170) mRNA, complete cds [NM_180032]
AT3G18830	3.8	0.0000159	0.0012931	0.00060924	0.03401235	NM_112769	ref|Arabidopsis thaliana leucine-rich repeat-like protein (AT2G42290) mRNA, complete cds [NM_129791]
AT3G18850	-2.09	0.00410764	0.06099129	0.00538921	0.28076037	NM_0010847	ref|Arabidopsis thaliana transcription factor bHLH48 (AT2G42300) mRNA, complete cds [NM_180037]
AT3G19010	4.78	0.00000355	0.00045311	0.00022556	0.01711409	NM_0012030	ref|Arabidopsis thaliana nucleolar protein gar2-like protein (AT2G42320) mRNA, complete cds [NM_001036454]
AT3G19030	6.08	0.00000061	0.00017445	0.00010106	0.00978587	NM_112789	ref|Arabidopsis thaliana RING-H2 finger protein ATL40 (AT2G42350) mRNA, complete cds [NM_129797]
AT3G19130	2.18	0.00110788	0.02648837	0.00875475	0.21788112	NM_112800	ref|Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 20 (CIPK20) mRNA, complete cds [NM_123950]
AT3G19580	5.07	0.00000362	0.00045656	0.00018045	0.01491773	NM_112848	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL41 (AT2G42360) mRNA, complete cds [NM_129798]
AT3G19590	-2	0.00636577	0.08038285	0.00799801	0.32849228	NM_112849	ref|Arabidopsis thaliana delay of germination 1 protein (DOG1) mRNA, complete cds [NM_123951]
AT3G19615	3.55	0.00377461	0.05756762	0.00135582	0.05993157	NM_0010847	ref|Arabidopsis thaliana basic helix-loop-helix domain-containing protein (BZIP34) mRNA, complete cds [NM_129800]
AT3G19660	3.72	0.00007059	0.00372484	0.00073529	0.03902582	NM_112856	ref|Arabidopsis thaliana cold-regulated protein 15b (COR15B) mRNA, complete cds [NM_129814]
AT3G19850	-2.2	0.00047461	0.0147402	0.00364219	0.23067227	NM_112875	ref|Arabidopsis thaliana cold-regulated protein 15a (COR15A) mRNA, complete cds [NM_001202804]
AT3G19930	2.4	0.00196866	0.03820306	0.00554865	0.15890437	NM_112883	ref|Arabidopsis thaliana tetratricopetide-repeat thioredoxin-like 3 (TTL3) mRNA, complete cds [NM_129819]
AT3G19970	2.9	0.0004322	0.01382191	0.00222379	0.08493243	NM_112887	ref|Arabidopsis thaliana protodermal factor 1 (PDF1) mRNA, complete cds [NM_129845]
AT3G20130	-2.85	0.00075339	0.02050441	0.00018863	0.05686667	NM_112904	ref|Arabidopsis thaliana phy rapidly regulated 1 (PAR1) mRNA, complete cds [NM_129848]
AT3G20250	2.16	0.00254558	0.04473811	0.00900597	0.22241944	NM_112916	ref|Arabidopsis thaliana mitogen-activated protein kinase 20 (MPK20) mRNA, complete cds [NM_129849]
AT3G20300	-2.09	0.00083516	0.02200215	0.00646241	0.306	NM_112921	ref|Arabidopsis thaliana nudix hydrolase 11 (NUDT11) mRNA, complete cds [NM_001125908]
AT3G20410	2.73	0.00043741	0.01393916	0.00278527	0.09972288	NM_112932	ref|Arabidopsis thaliana basic secretory protein (BSP) family protein (AT2G42900) mRNA, complete cds [NM_129851]
AT3G20480	-2.05	0.00310592	0.05055786	0.00661964	0.30828012	NM_112940	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G45950) mRNA, complete cds [NM_123963]
AT3G20510	2.45	0.00013993	0.0062034	0.0040889	0.12822469	NM_112943	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT2G42920) mRNA, complete cds [NM_129853]
AT3G20660	2.39	0.00747438	0.08867691	0.00626913	0.17477805	NM_112957	ref|Arabidopsis thaliana peptide transporter PTR3-A (PTR3) mRNA, complete cds [NM_123973]
AT3G21080	8.19	0.00001708	0.00135236	0.00003782	0.00495652	NM_113002	ref|Arabidopsis thaliana aspartyl protease-like protein (AT2G42980) mRNA, complete cds [NM_129859]
AT3G21090	2.2	0.00226301	0.0418093	0.00806656	0.20666856	NM_113003	ref|Arabidopsis thaliana protein kinase family protein (AT5G46080) mRNA, complete cds [NM_123976]
AT3G21140	2.14	0.0031402	0.05093255	0.00890823	0.22048714	NM_113008	ref|Arabidopsis thaliana NAC domain-containing protein 42 (NAC042) mRNA, complete cds [NM_129861]
AT3G21150	4.99	0.00031077	0.01096336	0.00026736	0.01922099	NM_113009	ref|Arabidopsis thaliana transcription factor PIF4 (PIF4) mRNA, complete cds [NM_129862]
AT3G21260	-2.25	0.00359045	0.0556791	0.00216718	0.19329389	NM_0011611	ref|Arabidopsis thaliana transcription factor bHLH129 (AT2G43140) mRNA, complete cds [NM_129876]
AT3G21520	17.22	0.00000199	0.00031715	0.00000088	0.00043956	NM_113047	ref|Arabidopsis thaliana Proline-rich extensin-like family protein (AT2G43150) mRNA, complete cds [NM_129877]
AT3G21630	2.49	0.00015083	0.00652684	0.00384918	0.12344681	NM_113058	ref|Arabidopsis thaliana putative methyltransferase PMT19 (AT2G43200) mRNA, complete cds [NM_129882]
AT3G21670	-3.07	0.00077855	0.02095775	0.00006126	0.03043956	NM_113062	ref|Arabidopsis thaliana defensin-like protein 195 (TI1) mRNA, complete cds [NM_129912]
AT3G21780	13.87	0.00000923	0.00086796	0.00000376	0.001	NM_113073	ref|Arabidopsis thaliana defensin-like protein 196 (AT2G43535) mRNA, complete cds [NM_129915]
AT3G21781	2.45	0.00225249	0.04171942	0.00503317	0.14885546	A_84_P76251	ref|Arabidopsis thaliana chitinase class 4-like protein (CHI) mRNA, complete cds [NM_129919]
AT3G21870	-2.53	0.00057611	0.01690581	0.00065436	0.11603922	NM_113083	ref|Arabidopsis thaliana chitinase-like protein (AT2G43590) mRNA, complete cds [NM_129921]
AT3G22060	6.12	0.00026537	0.00986847	0.00012229	0.01108216	NM_113102	ref|Arabidopsis thaliana chitinase-like protein (AT2G43620) mRNA, complete cds [NM_129924]
AT3G22142	-2.01	0.00246221	0.04380053	0.00784277	0.32566575	NM_0010847	ref|Arabidopsis thaliana acyl-[acyl-carrier-protein] desaturase (SSI2) mRNA, complete cds [NM_129933]
AT3G22160	7.92	0.00009617	0.00471042	0.00004113	0.00518106	NM_113113	ref|Arabidopsis thaliana uncharacterized protein (AT2G44010) mRNA, complete cds [NM_129963]
AT3G22231	7.22	0.00001862	0.00143183	0.00006037	0.00680798	NM_113121	ref|Arabidopsis thaliana methionine aminopeptidase 2A (MAP2A) mRNA, complete cds [NM_129981]
AT3G22235	15.68	0.00000388	0.00047639	0.00000133	0.00046154	NM_180292	ref|Arabidopsis thaliana uncharacterized protein (AT2G44230) mRNA, complete cds [NM_129987]
AT3G22240	5.03	0.00000586	0.00063424	0.00019261	0.01538869	NM_113122	ref|Arabidopsis thaliana xylogen-like protein 10 (AT2G44290) mRNA, complete cds [NM_129993]
AT3G22260	2.28	0.00297703	0.04923967	0.00749226	0.19583815	NM_202623	ref|Arabidopsis thaliana Glucose-6-phosphate/phosphate translocator-like protein (APE2) mRNA, complete cds [NM_001036940]
AT3G22310	2.65	0.00073933	0.02023766	0.00331402	0.11142007	NM_113129	ref|Arabidopsis thaliana uncharacterized protein (AT5G46230) mRNA, complete cds [NM_123992]
AT3G22370	2.15	0.00123118	0.02852151	0.00865524	0.2159989	NM_113135	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G44370) mRNA, complete cds [NM_130000]
AT3G22460	2.27	0.00220019	0.04109572	0.00688125	0.185441	NM_113145	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT2G44380) mRNA, complete cds [NM_130001]
AT3G22600	65.71	0	0.00004276	0	0	NM_113159	ref|Arabidopsis thaliana beta glucosidase 17 (BGLU17) mRNA, complete cds [NM_001125053]
AT3G22620	2.58	0.00089541	0.02307135	0.00353162	0.11606105	NM_113160	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT2G44578) mRNA, complete cds [NM_001084589]
AT3G22890	2.91	0.00028435	0.01031155	0.00201194	0.07911304	NM_113189	ref|Arabidopsis thaliana cyclin-U4-1 (CYCP4;1) mRNA, complete cds [NM_130038]
AT3G22900	-2.32	0.00023235	0.00896506	0.00220323	0.19497065	NM_113190	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G46260) mRNA, complete cds [NM_123995]
AT3G23010	2.03	0.00718983	0.08667669	0.01295201	0.28528495	NM_113201	ref|Arabidopsis thaliana uclacyanin 2 (UCC2) mRNA, complete cds [NM_130043]
AT3G23110	2.89	0.00004826	0.00279402	0.00191973	0.07709591	NM_113212	ref|Arabidopsis thaliana ethylene-responsive transcription factor 13 (ERF13) mRNA, complete cds [NM_130048]
AT3G23120	12.86	0.00000899	0.00085591	0.00000553	0.00128866	NM_113213	ref|Arabidopsis thaliana protein transport protein sec61 subunit beta (SEC61 BETA) mRNA, complete cds [NM_001036462]
AT3G23230	3.18	0.00016227	0.00685134	0.001364	0.06017561	NM_113224	ref|Arabidopsis thaliana SPX domain-containing protein 3 (SPX3) mRNA, complete cds [NM_130076]

AT3G23240	8.7	0.00000085	0.00020805	0.00002654	0.0038961	NM_113225	ref|Arabidopsis thaliana axial regulator YABBY 1 (AFO) mRNA, complete cds [NM_130082]
AT3G23250	17.45	0.00000017	0.00010427	0.00000088	0.00039216	NM_0010356	ref|Arabidopsis thaliana pectinesterase 17 (AT2G45220) mRNA, complete cds [NM_130085]
AT3G23340	-2.24	0.00070136	0.0195373	0.00332441	0.22370536	NM_113237	ref|Arabidopsis thaliana putative WRKY transcription factor 8 (WRKY8) mRNA, complete cds [NM_124005]
AT3G23510	2.01	0.00279001	0.04709379	0.01339429	0.29218041	NM_113254	ref|Arabidopsis thaliana Transketolase (AT2G45290) mRNA, complete cds [NM_130092]
AT3G23550	11.9	0.00000062	0.00017713	0.00000774	0.00158371	NM_113258	ref|Arabidopsis thaliana 3-phosphoshikimate 1-carboxyvinyltransferase (AT2G45300) mRNA, complete cds [NM_130093]
AT3G23570	2.81	0.00029595	0.01061301	0.00222048	0.08487743	NM_113260	ref|Arabidopsis thaliana FASCICLIN-like arabinogalactan protein 8 (FLA8) mRNA, complete cds [NM_130109]
AT3G23805	-2.01	0.00194223	0.03782408	0.00820124	0.32936057	NM_113285	ref|Arabidopsis thaliana cytochrome P450, family 704, subfamily A, polypeptide 2 (CYP704A2) mRNA, complete cds [NM_130113]
AT3G23880	-2.1	0.00110748	0.02648837	0.00639142	0.30519535	NM_113293	ref|Arabidopsis thaliana BON1-associated protein 2 (BAP2) mRNA, complete cds [NM_130139]
AT3G24090	2.78	0.00391281	0.05890311	0.0032176	0.1093163	NM_113314	ref|Arabidopsis thaliana Remorin (AT2G45820) mRNA, complete cds [NM_130145]
AT3G24180	2.8	0.00116608	0.02747784	0.00277134	0.09938144	NM_113323	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G46520) mRNA, complete cds [NM_124022]
AT3G24460	-2.18	0.00688439	0.08450378	0.00260858	0.20373057	NM_113353	ref|Arabidopsis thaliana transcription factor bHLH71 (bHLH071) mRNA, complete cds [NM_124039]
AT3G24503	3.02	0.0000702	0.0037219	0.00157519	0.06663237	NM_113359	ref|Arabidopsis thaliana aquaporin PIP1-2 (PIP1B) mRNA, complete cds [NM_130159]
AT3G24518	-2.62	0.00046119	0.01451277	0.00039651	0.09101523	EG418394	ref|Arabidopsis thaliana VQ motif-containing protein (AT5G46780) mRNA, complete cds [NM_124048]
AT3G24800	-2.18	0.00755188	0.08930645	0.00305175	0.21596244	NM_113392	ref|Arabidopsis thaliana putative receptor-like protein kinase (AT5G47070) mRNA, complete cds [NM_124078]
AT3G24982	2.21	0.00892979	0.09941037	0.00954423	0.23092028	NM_113404	ref|Arabidopsis thaliana BAX inhibitor 1 (BI1) mRNA, complete cds [NM_124083]
AT3G25010	8.03	0.00000285	0.0003964	0.00003914	0.00505714	NM_113405	ref|Arabidopsis thaliana cytochrome P450, family 86, subfamily A, polypeptide 8 (CYP86A8) mRNA, complete cds [NM_130160]
AT3G25020	3.15	0.00006226	0.00339332	0.00129633	0.0580396	NM_113406	ref|Arabidopsis thaliana Late embryogenesis abundant protein (AT2G46140) mRNA, complete cds [NM_130176]
AT3G25070	2.65	0.0004681	0.0146176	0.00327068	0.11078652	NM_113411	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT2G46150) mRNA, complete cds [NM_130177]
AT3G25600	3.97	0.00000322	0.00043258	0.0004697	0.02824468	NM_113458	ref|Arabidopsis thaliana G-box binding factor 3 (GBF3) mRNA, complete cds [NM_130190]
AT3G25610	10.27	0.00000065	0.00018113	0.00001349	0.00236434	NM_113459	ref|Arabidopsis thaliana putative WRKY transcription factor 46 (WRKY46) mRNA, complete cds [NM_130204]
AT3G25670	-2.75	0.00091524	0.02338269	0.00025254	0.06797619	NM_113466	ref|Arabidopsis thaliana uncharacterized protein (AT2G46420) mRNA, complete cds [NM_001125064]
AT3G25770	2.24	0.00196929	0.03820306	0.00814883	0.2076	NM_113476	ref|Arabidopsis thaliana cyclic nucleotide gated channel (CNGC3) mRNA, complete cds [NM_130207]
AT3G25780	4.58	0.00001797	0.00140359	0.00028417	0.0198609	NM_113477	ref|Arabidopsis thaliana cyclic nucleotide-gated ion channel 11 (CNGC11) mRNA, complete cds [NM_130208]
AT3G25882	23.26	0.00000026	0.00011806	0	0	NM_148752	ref|Arabidopsis thaliana calcium-binding EF-hand-containing protein (AT2G46600) mRNA, complete cds [NM_130225]
AT3G26050	-2	0.00945949	0.10282643	0.00738744	0.31845567	NM_113509	ref|Arabidopsis thaliana BAX inhibitor-1 motif-containing protein (AT5G47130) mRNA, complete cds [NM_124084]
AT3G26060	-2.04	0.00166761	0.03453671	0.00777289	0.32515264	NM_113510	ref|Arabidopsis thaliana P-loop containing nucleoside triphosphate hydrolase-like protein (AT2G46620) mRNA, complete cds [NM_130227]
AT3G26080	2.14	0.00479624	0.06748163	0.00966364	0.2329371	NM_113512	ref|Arabidopsis thaliana GATA transcription factor 27 (GATA27) mRNA, complete cds [NM_124085]
AT3G26210	14.28	0.00000234	0.00035598	0.00000376	0.0010559	NM_113528	ref|Arabidopsis thaliana cytochrome B5 isoform C (CB5-C) mRNA, complete cds [NM_130230]
AT3G26220	2.39	0.00269965	0.04626126	0.00620367	0.17370279	NM_113529	ref|Arabidopsis thaliana Rho GTPase activating protein with PAK-box/P21-Rho-binding domain (AT2G46710) mRNA, complete cds [NM_180
AT3G26230	3.71	0.00024161	0.00922778	0.00077444	0.04057937	NM_113530	ref|Arabidopsis thaliana putative plastid-lipid-associated protein 10 (AT2G46910) mRNA, complete cds [NM_130259]
AT3G26310	-2.08	0.00052994	0.01589128	0.00649713	0.30604167	NM_113538	ref|Arabidopsis thaliana ABC transporter B family member 4 (ABCB4) mRNA, complete cds [NM_130268]
AT3G26440	15.23	0.00000071	0.00018711	0.00000199	0.00062937	NM_0012030	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT2G47130) mRNA, complete cds [NM_130281]
AT3G26470	3.01	0.00011582	0.00542158	0.00174878	0.07182561	NM_113554	ref|Arabidopsis thaliana tetratricopeptide repeat-containing protein (AT2G47440) mRNA, complete cds [NM_130312]
AT3G26500	6.58	0.00004668	0.00274156	0.00009023	0.00894737	NM_113557	ref|Arabidopsis thaliana protein disulfide-isomerase A6 (UNE5) mRNA, complete cds [NM_201979]
AT3G26520	-2.08	0.00526385	0.07165225	0.00561566	0.28693785	NM_113559	ref|Arabidopsis thaliana ABC transporter C family member 4 (MRP4) mRNA, complete cds [NM_130347]
AT3G26600	2.25	0.00181362	0.03617641	0.00724104	0.19182191	NM_113569	ref|Arabidopsis thaliana arabinogalactan protein 26 (AGP26) mRNA, complete cds [NM_130360]
AT3G26830	92.27	0.00000001	0.00006418	0	0	NM_113595	ref|Arabidopsis thaliana Hypersensitive-induced response protein 3 (AT3G01290) mRNA, complete cds [NM_110995]
AT3G26840	2.37	0.00018839	0.00763157	0.00501725	0.14877377	NM_113596	ref|Arabidopsis thaliana photosystem II oxygen-evolving enhancer protein (PQL1) mRNA, complete cds [NM_111010]
AT3G27610	2.17	0.00082129	0.02174389	0.00812959	0.2074605	NM_0012030	ref|Arabidopsis thaliana ethylene-responsive transcription factor 2 (ERF2) mRNA, complete cds [NM_124093]
AT3G27690	-2.31	0.00109691	0.02638939	0.00190867	0.1836383	NM_113685	ref|Arabidopsis thaliana uncharacterized protein (AT3G01720) mRNA, complete cds [NM_111038]
AT3G27890	2.15	0.00070857	0.01962601	0.00901194	0.22232406	NM_113705	ref|Arabidopsis thaliana ethylene-responsive transcription factor 5 (ERF5) mRNA, complete cds [NM_124094]
AT3G28200	-2.03	0.00180179	0.03606673	0.00767979	0.32516854	NM_113739	ref|Arabidopsis thaliana putative calcium-binding protein CML40 (AT3G01830) mRNA, complete cds [NM_111049]
AT3G28210	13.43	0.00000093	0.00021258	0.00000442	0.00112994	NM_113740	ref|Arabidopsis thaliana WRKY DNA-binding protein 45 (WRKY45) mRNA, complete cds [NM_111063]
AT3G28220	-2.68	0.00072102	0.01985653	0.00036754	0.08611399	NM_113741	ref|Arabidopsis thaliana serine carboxypeptidase-like 25 (scpl25) mRNA, complete cds [NM_111077]
AT3G28290	-2.15	0.00597632	0.07725683	0.00332464	0.22338782	NM_113748	ref|Arabidopsis thaliana Ninja-family protein AFP4 (TMAC2) mRNA, complete cds [NM_111081]
AT3G28340	8.91	0.00000044	0.0001479	0.00002609	0.00384365	NM_113753	ref|Arabidopsis thaliana reversibly glycosylated polypeptide 1 (RGP1) mRNA, complete cds [NM_111090]
AT3G28510	6.42	0.0000009	0.00021092	0.00008005	0.00820862	NM_113771	ref|Arabidopsis thaliana zinc finger protein CONSTANS-LIKE 2 (COL2) mRNA, complete cds [NM_111105]
AT3G28540	9.88	0.00014312	0.00630775	0.00001747	0.00284173	NM_113774	ref|Arabidopsis thaliana alpha/beta-hydrolase domain-containing protein (ICME-LIKE2) mRNA, complete cds [NM_111108]
AT3G28550	-2.21	0.00913175	0.10061154	0.00222601	0.19507752	NM_113775	ref|Arabidopsis thaliana tyrosine specific protein phosphatase-like protein (AT3G02800) mRNA, complete cds [NM_111148]
AT3G28580	12.48	0.00000191	0.00031116	0.00000531	0.00130435	NM_113778	ref|Arabidopsis thaliana armadillo/beta-catenin-like repeat-containing protein (AT3G02840) mRNA, complete cds [NM_111152]
AT3G28850	3.03	0.00478151	0.06738274	0.00240911	0.08981039	NM_113806	ref|Arabidopsis thaliana acetyl CoA:(Z)-3-hexen-1-ol acetyltransferase (CHAT) mRNA, complete cds [NM_111219]
AT3G28890	2.31	0.00064517	0.01838349	0.00627311	0.17467365	NM_113810	ref|Arabidopsis thaliana uncharacterized protein (AT3G03560) mRNA, complete cds [NM_111227]
AT3G28930	5.04	0.00001106	0.00099977	0.00018753	0.01522442	NM_113814	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G03820) mRNA, complete cds [NM_111253]
AT3G28940	2.84	0.00003632	0.00224675	0.00206877	0.08057709	NM_113815	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G03830) mRNA, complete cds [NM_111254]
AT3G29000	12.63	0.00000314	0.00042826	0.00000597	0.00137755	NM_113821	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH10ZF07 of Hormone Treated Callus of strain col-0 of Arab
AT3G29185	-2.55	0.00308442	0.05040754	0.00055108	0.10383333	NM_180316	ref|Arabidopsis thaliana RGPR-related protein (AT5G47480) mRNA, complete cds [NM_124121]
AT3G29290	-2.1	0.00097822	0.02458877	0.00594914	0.29497807	NM_113854	ref|Arabidopsis thaliana putative sec14p-like phosphatidylinositol transfer protein (AT5G47730) mRNA, complete cds [NM_001085261]
AT3G29725	2.7	0.00101609	0.02510794	0.00313445	0.1078691	A_84_P75981	ref|Arabidopsis thaliana glyceraldehyde-3-phosphate dehydrogenase, cytosolic (GAPC1) mRNA, complete cds [NM_111283]
AT3G32930	-2.24	0.0076729	0.09033289	0.00184631	0.18110629	NM_114062	ref|Arabidopsis thaliana serine/threonine-protein kinase-like protein CCR4 (CCR4) mRNA, complete cds [NM_124159]
AT3G43720	-2.16	0.0007804	0.02098085	0.00458779	0.25997494	NM_0010357	ref|Arabidopsis thaliana TIR-NBS class disease resistance protein (AT3G04210) mRNA, complete cds [NM_111292]
AT3G43960	-2.37	0.00233422	0.04243201	0.00141221	0.15965	NM_114264	ref|Arabidopsis thaliana respiratory burst oxidase-D (RBOHD) mRNA, complete cds [NM_124165]
AT3G44260	11.71	0.00000156	0.00027698	0.00000774	0.00159817	NM_114294	ref|Arabidopsis thaliana glycine-rich protein (AT3G04640) mRNA, complete cds [NM_111336]
AT3G44720	3.55	0.00000897	0.00085581	0.00077245	0.04066356	NM_114340	ref|Arabidopsis thaliana uncharacterized protein (AT3G04700) mRNA, complete cds [NM_111342]
AT3G44830	4.18	0.00005321	0.00300772	0.00044096	0.02672922	NM_114352	Unknown
AT3G44860	9.6	0.00001861	0.00143183	0.00001791	0.00286219	NM_114355	ref|Arabidopsis thaliana hevein-like protein (PR4) mRNA, complete cds [NM_111344]
AT3G44870	7.42	0.00012801	0.0058351	0.00006369	0.00697337	NM_114356	ref|Arabidopsis thaliana serine/threonine-protein kinase WNK1 (WNK1) mRNA, complete cds [NM_001125104]
AT3G44990	-3.75	0.00120079	0.02797166	0.00000641	0.0090625	NM_114368	ref|Arabidopsis thaliana uncharacterized protein (AT3G04960) mRNA, complete cds [NM_111368]
AT3G45040	2.12	0.00070097	0.0195373	0.0088023	0.2187033	NM_114373	ref|Arabidopsis thaliana GDSL esterase/lipase (AT3G05180) mRNA, complete cds [NM_111391]
AT3G45140	2.09	0.00764513	0.09009975	0.01250995	0.27839567	NM_114383	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase ATL6 (ATL6) mRNA, complete cds [NM_111393]
AT3G45330	2.05	0.00307735	0.0503829	0.01245378	0.27796644	NM_114402	ref|Arabidopsis thaliana receptor like protein 30 (RLP30) mRNA, complete cds [NM_111409]
AT3G45430	-3.41	0.00002403	0.00170292	0.00001681	0.01266667	NM_114412	ref|Arabidopsis thaliana receptor like protein 31 (RLP31) mRNA, complete cds [NM_111410]
AT3G45620	2.96	0.00019918	0.00795677	0.00190734	0.07666667	NM_114431	ref|Arabidopsis thaliana receptor like protein 33 (RLP33) mRNA, complete cds [NM_111439]
AT3G45650	2.58	0.00272499	0.04643167	0.00400752	0.12663871	NM_114434	ref|Arabidopsis thaliana Hydrophobic protein RCI2B (RCI2B) mRNA, complete cds [NM_111463]
AT3G45860	3.39	0.00140399	0.03087955	0.00131601	0.05868836	NM_114455	ref|Arabidopsis thaliana neurofilament protein-related protein (AT3G05900) mRNA, complete cds [NM_111464]
AT3G45960	-3.07	0.00039846	0.01309461	0.00006347	0.03086022	NM_0010357	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL24-28-E18 [AK230377]
AT3G45970	-3.31	0.00057511	0.01688739	0.00002034	0.01393939	NM_114466	ref|Arabidopsis thaliana Pectin lyase-like protein (AT3G05910) mRNA, complete cds [NM_111465]
AT3G46080	14.96	0.0000004	0.00013997	0.00000243	0.0007483	NM_114477	tc|Rep: NADH-ubiquinone oxidoreductase chain 6 - Aleurodicus dugesii (Doogie Howzer whitefly), partial (9%) [TC401421]
AT3G46090	8.72	0.00000412	0.00049454	0.00003162	0.0043465	NM_114478	ref|Arabidopsis thaliana heavy-metal-associated domain-containing protein (AT3G06130) mRNA, complete cds [NM_111488]
AT3G46110	8.97	0.00000065	0.00018075	0.00002698	0.00389776	NM_202660	ref|Arabidopsis thaliana P4H isoform 2 (AT-P4H-2) mRNA, complete cds [NM_111505]
AT3G46230	2.4	0.00109713	0.02638939	0.00504865	0.14902089	NM_114492	ref|Arabidopsis thaliana probably inactive leucine-rich repeat receptor-like protein kinase (BIR1) mRNA, complete cds [NM_124213]
AT3G46280	3.65	0.00009484	0.00466134	0.00078151	0.04076125	NM_114496	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT3G06750) mRNA, complete cds [NM_111555]
AT3G46300	-2.54	0.0024079	0.04323172	0.00052455	0.10358079	NM_114498	ref|Arabidopsis thaliana polygalacturonase-like protein (AT3G06770) mRNA, complete cds [NM_180194]
AT3G46540	2.27	0.0014377	0.03140609	0.00715679	0.19037059	NM_114521	ref|Arabidopsis thaliana glutamate receptor 1.3 (GLR1.3) mRNA, complete cds [NM_124216]
AT3G46600	3.03	0.00739163	0.08821578	0.00282464	0.10065406	NM_114527	ref|Arabidopsis thaliana uncharacterized protein (AT3G06840) mRNA, complete cds [NM_111564]
AT3G46620	7.17	0.00000461	0.0005324	0.00006037	0.00677419	NM_114529	ref|Arabidopsis thaliana uncharacterized protein (AT3G06868) mRNA, complete cds [NM_001125123]
AT3G46690	12.08	0.00002489	0.00173428	0.0000073	0.00151376	NM_114536	ref|Arabidopsis thaliana transducin/WD-40 repeat-containing protein (AT3G06880) mRNA, complete cds [NM_111568]
AT3G47090	3.28	0.00003896	0.00238085	0.00113047	0.05302905	NM_114576	ref|Arabidopsis thaliana PPPDE putative thiol peptidase family protein (AT3G07090) mRNA, complete cds [NM_111589]
AT3G47340	-3.92	0.0016289	0.03400696	0.00000221	0.0047619	NM_180333	ref|Arabidopsis thaliana RPM1-interacting protein 4 (RIN4) family protein (AT3G07195) mRNA, complete cds [NM_148695]
AT3G47420	2.46	0.00100579	0.02496552	0.00506081	0.14928245	NM_114610	ref|Arabidopsis thaliana auxin-responsive-like protein (AIR12) mRNA, complete cds [NM_111618]
AT3G47480	19.99	0.00000032	0.00013074	0.00000066	0.00035294	NM_114616	ref|Arabidopsis thaliana uncharacterized protein (AT3G07460) mRNA, complete cds [NM_148697]
AT3G47540	3.59	0.00048999	0.01500493	0.0008337	0.04235955	NM_114622	ref|Arabidopsis thaliana F-box/LRR-repeat protein 12 (AT3G07550) mRNA, complete cds [NM_111633]
AT3G47570	3.34	0.00001959	0.00148229	0.0010241	0.049371	NM_114625	ref|Arabidopsis thaliana emp24/gp25L/p24 family/GOLD domain-containing protein (AT3G07680) mRNA, complete cds [NM_111647]
AT3G47800	2.22	0.00265654	0.04585497	0.00773795	0.20006289	NM_114648	ref|Arabidopsis thaliana Thymidine kinase (AT3G07800) mRNA, complete cds [NM_111659]
AT3G47820	2.92	0.00196154	0.03808532	0.00237174	0.08893035	NM_114650	ref|Arabidopsis thaliana thioredoxin H9 (TH9) mRNA, complete cds [NM_111705]
AT3G48080	11.47	0.00001274	0.00110168	0.00000929	0.00177966	NM_114677	ref|Arabidopsis thaliana serine/threonine protein kinase 2 (S6K2) mRNA, complete cds [NM_180212]
AT3G48090	3.02	0.00014418	0.00633636	0.00163379	0.06840741	NM_114678	ref|Arabidopsis thaliana concanavalin A-like lectin protein kinase-like protein (AT3G08870) mRNA, complete cds [NM_111721]
AT3G48290	-2.28	0.00031178	0.01096336	0.00245533	0.20077758	NM_148855	ref|Arabidopsis thaliana aspartyl protease family protein (AT5G48430) mRNA, complete cds [NM_124218]
AT3G48460	-2.01	0.00142003	0.03112945	0.008295	0.32874671	NM_114705	ref|Arabidopsis thaliana Actin binding Calponin homology (CH) domain-containing protein (AT5G48460) mRNA, complete cds [NM_124221]
AT3G48560	-2.05	0.00044538	0.01415338	0.00798651	0.32861692	NM_114714	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT5G48490) mRNA, complete cds [N
AT3G48640	28.39	0.00000076	0.00019343	0	0	NM_114723	ref|Arabidopsis thaliana DnaJ domain-containing protein (ATERDJ3A) mRNA, complete cds [NM_111731]
AT3G48650	37.16	0.00000027	0.00012156	0	0	AK118176	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT3G09010) mRNA, complete cds [NM_111735]
AT3G48850	12.87	0.00000013	0.00009777	0.00000509	0.00126374	NM_114744	ref|Arabidopsis thaliana lactosylceramide 4-alpha-galactosyltransferase (AT3G09020) mRNA, complete cds [NM_111736]
AT3G48890	3.04	0.00119323	0.02788529	0.00193388	0.07732095	NM_114748	ref|Arabidopsis thaliana uncharacterized protein (AT3G09050) mRNA, complete cds [NM_111739]
AT3G49120	4.4	0.00000228	0.00034992	0.00031314	0.02110283	NM_114771	ref|Arabidopsis thaliana glutathione S-transferase TAU 8 (GSTU8) mRNA, complete cds [NM_111761]
AT3G49140	-2	0.00457577	0.06537646	0.00838987	0.3293316	NM_114773	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 55 (AT5G48540) mRNA, complete cds [NM_124230]
AT3G49260	-2.02	0.006084	0.07813925	0.00848408	0.33073276	NM_0012031	ref|Arabidopsis thaliana protein Fes1A (Fes1A) mRNA, complete cds [NM_001161128]
AT3G49350	2.43	0.00021006	0.00829604	0.00452455	0.13843031	NM_114795	ref|Arabidopsis thaliana Pectin lyase-like protein (AT3G09405) mRNA, complete cds [NM_001161129]
AT3G49390	2.08	0.00115493	0.02729478	0.01096351	0.25294388	NM_114799	ref|Arabidopsis thaliana protein heat shock protein 70-3 (AT3G09440) mRNA, complete cds [NM_001202918]
AT3G49530	2.2	0.00174462	0.03534577	0.00828505	0.20906808	NM_114813	ref|Arabidopsis thaliana tetratricopeptide repeat domain-containing protein (AT3G09490) mRNA, complete cds [NM_111783]
AT3G49580	7.15	0.000035	0.00219226	0.00006148	0.00679707	NM_114818	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70H4) mRNA, complete cds [NM_111786]
AT3G49620	11.94	0.00000486	0.0005521	0.00000774	0.00156951	NM_114822	ref|Arabidopsis thaliana pectate lyase (AT3G09540) mRNA, complete cds [NM_111788]
AT3G49670	-2.6	0.00078429	0.0210478	0.00051194	0.10475113	NM_114827	ref|Arabidopsis thaliana uncharacterized protein (AT3G09730) mRNA, complete cds [NM_111807]
AT3G49780	4.4	0.00000397	0.00048336	0.00030739	0.02087087	NM_114838	ref|Arabidopsis thaliana protein kinase domain-containing protein (AT3G09830) mRNA, complete cds [NM_111818]
AT3G49845	2.29	0.00123496	0.02855047	0.0070157	0.18761088	NM_0011253	ref|Arabidopsis thaliana defense protein-like protein (AT5G48657) mRNA, complete cds [NM_203181]
AT3G50060	2.1	0.00060518	0.01757618	0.00963202	0.23229867	NM_114866	ref|Arabidopsis thaliana putative pectate lyase 20 (AT5G48900) mRNA, complete cds [NM_124267]
AT3G50120	-2.21	0.00236948	0.04286651	0.00271583	0.20744932	NM_114872	ref|Arabidopsis thaliana monodehydroascorbate reductase (NADH) (MDHAR) mRNA, complete cds [NM_111829]
AT3G50140	2.02	0.00426783	0.06266464	0.01240823	0.27736036	NM_114874	ref|Arabidopsis thaliana DHFS-FPGS homolog C (DFC) mRNA, complete cds [NM_111851]
AT3G50260	5.87	0.00000321	0.00043258	0.00010969	0.01026915	NM_114886	ref|Arabidopsis thaliana Glycosyltransferase family 61 protein (AT3G10320) mRNA, complete cds [NM_111867]
AT3G50280	4.49	0.00009776	0.00475412	0.00035117	0.02281609	NM_114888	ref|Arabidopsis thaliana uncharacterized protein (AT3G10405) mRNA, complete cds [NM_148703]

AT3G50440	-2.2	0.00130681	0.02953218	0.00381247	0.23746556	NM_114904	ref|Arabidopsis thaliana NAC domain containing protein 53 (NAC053) mRNA, complete cds [NM_111885]
AT3G50470	3.24	0.00012718	0.00581492	0.00127311	0.05722664	NM_114907	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT3G10815) mRNA, complete cds [NM_202545]
AT3G50480	18.25	0.00000704	0.00073192	0.00000088	0.00037736	NM_114908	ref|Arabidopsis thaliana senescence associated protein 20 (SAG20) mRNA, complete cds [NM_202550]
AT3G50560	-2.4	0.00421282	0.06217486	0.00102388	0.14246154	NM_114916	ref|Arabidopsis thaliana receptor like protein 34 (RLP34) mRNA, complete cds [NM_111938]
AT3G50740	3.51	0.00002005	0.00150471	0.0007866	0.04088506	NM_114934	ref|Arabidopsis thaliana receptor like protein 35 (RLP35) mRNA, complete cds [NM_111945]
AT3G50760	4.39	0.00045104	0.01428296	0.00038545	0.02434358	NM_114936	ref|Arabidopsis thaliana RING-H2 finger protein ATL66 (AT3G11110) mRNA, complete cds [NM_111948]
AT3G50770	16.86	0.00000038	0.00013967	0.00000111	0.00042017	NM_114937	ref|Arabidopsis thaliana ras group-related LRR 9 protein (PIRL9) mRNA, complete cds [NM_111967]
AT3G50800	3.75	0.00012449	0.00572082	0.0007061	0.03783175	NM_114940	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT3G11340) mRNA, complete cds [NM_111968]
AT3G50900	3.11	0.00041529	0.01342353	0.00138191	0.06061106	NM_114950	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT3G11402) mRNA, complete cds [NM_148710]
AT3G50910	2.29	0.00160011	0.03363866	0.00642149	0.17706098	NM_114951	ref|Arabidopsis thaliana AP2/B3 domain-containing protein (AT3G11580) mRNA, complete cds [NM_111991]
AT3G50930	17.37	0.00000132	0.00026197	0.00000111	0.0004386	NM_114953	ref|Arabidopsis thaliana syntaxin-121 (SYP121) mRNA, complete cds [NM_112015]
AT3G50950	2.59	0.00050976	0.01539442	0.00336732	0.11279259	NM_180346	ref|Arabidopsis thaliana plant U-box 24 protein (PUB24) mRNA, complete cds [NM_112017]
AT3G51290	-2.04	0.0019167	0.03747767	0.00768819	0.32491589	NM_114988	ref|Arabidopsis thaliana DNA-3-methyladenine glycosylase (AT3G12040) mRNA, complete cds [NM_112038]
AT3G51330	4.01	0.00001619	0.00130534	0.00046639	0.02812	NM_114992	ref|Arabidopsis thaliana actin-11 (ACT11) mRNA, complete cds [NM_112046]
AT3G51430	2.96	0.00002864	0.00191318	0.00167028	0.06942096	NM_0012031	ref|Arabidopsis thaliana chitinase (HCHIB) mRNA, complete cds [NM_112085]
AT3G51440	2.78	0.00035185	0.01191822	0.00276272	0.09930843	NM_115003	ref|Arabidopsis thaliana heat shock protein 70-4 (HSP70) mRNA, complete cds [NM_112093]
AT3G51450	4.48	0.00012574	0.00577254	0.00038545	0.02437762	NM_115004	ref|Arabidopsis thaliana DNA-damage-repair/toleration protein DRT100 (DRT100) mRNA, complete cds [NM_112096]
AT3G51660	2.92	0.00101185	0.02505801	0.00215325	0.08286809	NM_115025	ref|Arabidopsis thaliana ALA-interacting subunit 1 (ALIS1) mRNA, complete cds [NM_112110]
AT3G51860	5.24	0.00002531	0.00175279	0.00018863	0.01520499	NM_115045	ref|Arabidopsis thaliana phosphoglycerate kinase 1 (PGK1) mRNA, complete cds [NM_112114]
AT3G51890	3.12	0.00079703	0.02123838	0.00163445	0.06837188	NM_115048	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G12830) mRNA, complete cds [NM_112119]
AT3G51920	2.65	0.00030662	0.01086617	0.00289076	0.1018862	NM_115051	ref|Arabidopsis thaliana no apical meristem domain-containing transcriptional regulator (AT3G12910) mRNA, complete cds [NM_112127]
AT3G52155	-2.19	0.00531161	0.07212945	0.00278439	0.20777228	NM_115075	ref|Arabidopsis thaliana beta-xylosidase 1 (BXL1) mRNA, complete cds [NM_124313]
AT3G52360	-2.31	0.0026521	0.04584027	0.00175984	0.18086364	NM_115096	ref|Arabidopsis thaliana uncharacterized protein (AT3G13000) mRNA, complete cds [NM_202568]
AT3G52400	8.18	0.00000036	0.00013913	0.00003804	0.0049711	NM_115100	Unknown
AT3G52430	4.52	0.00019522	0.00785412	0.00037019	0.02367751	NM_115103	ref|Arabidopsis thaliana ABC transporter C family member 3 (MRP3) mRNA, complete cds [NM_202571]
AT3G52450	2.68	0.00029979	0.01071693	0.00288125	0.10163027	NM_115105	ref|Arabidopsis thaliana multidrug resistance-associated protein 8 (MRP8) mRNA, complete cds [NM_112148]
AT3G52460	2	0.00747014	0.08866132	0.01332486	0.29122765	NM_115106	ref|Arabidopsis thaliana putative WRKY transcription factor 48 (WRKY48) mRNA, complete cds [NM_124329]
AT3G52800	2.81	0.00055903	0.0165225	0.00246351	0.09138638	NM_115140	ref|Arabidopsis thaliana serine acetyltransferase 3 (SERAT2;2) mRNA, complete cds [NM_112150]
AT3G52910	-2.18	0.00503505	0.06984208	0.00340823	0.22565154	NM_115151	ref|Arabidopsis thaliana putative cell expansion protein (AT5G49680) mRNA, complete cds [NM_001085269]
AT3G53230	2.24	0.00025616	0.00960509	0.00683724	0.18491627	NM_115183	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT3G13310) mRNA, complete cds [NM_112176]
AT3G53250	-3.2	0.00140855	0.03094977	0.00003494	0.01975	NM_115185	ref|Arabidopsis thaliana proteasome activator subunit 4 (PA200) mRNA, complete cds [NM_112178]
AT3G53420	-2.17	0.00305518	0.05017876	0.00364175	0.23096774	NM_0010357	ref|Arabidopsis thaliana receptor-like protein kinase BRI1-like 3 (BRL3) mRNA, complete cds [NM_112183]
AT3G53530	-2.09	0.00188529	0.0370945	0.00504489	0.27061684	NM_0010357	ref|Arabidopsis thaliana uncharacterized protein (AT3G13437) mRNA, complete cds [NM_001084676]
AT3G53668	2.56	0.00013821	0.00613952	0.00332596	0.11165553	NM_0011253	ref|Arabidopsis thaliana arabinogalactan protein 12 (AGP12) mRNA, complete cds [NM_112198]
AT3G53780	2.53	0.00651275	0.08160485	0.00504202	0.14892227	NM_180367	ref|Arabidopsis thaliana calmodulin-binding protein-like protein (AT3G13600) mRNA, complete cds [NM_112206]
AT3G53810	3.36	0.00006518	0.00351944	0.00108956	0.05191781	NM_115241	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT3G13610) mRNA, complete cds [NM_112207]
AT3G54080	-2.17	0.00045545	0.0143723	0.00454069	0.25892812	NM_115268	ref|Arabidopsis thaliana ferric reduction oxidase 6 (FRO6) mRNA, complete cds [NM_124351]
AT3G54140	-2.06	0.00770585	0.09063286	0.00567647	0.28939121	NM_115274	ref|Arabidopsis thaliana ferric reduction oxidase 7 (FRO7) mRNA, complete cds [NM_124352]
AT3G54150	15.53	0.00000091	0.00021092	0.00000155	0.00051852	NM_115275	ref|Arabidopsis thaliana beta galactosidase 1 (BGAL1) mRNA, complete cds [NM_112225]
AT3G54350	-2.25	0.00022326	0.00869595	0.00290911	0.21048	NM_180371	ref|Arabidopsis thaliana nitrate transmembrane transporter (WR3) mRNA, complete cds [NM_180829]
AT3G54420	6.87	0.0000183	0.00142156	0.00007121	0.00757647	NM_115302	ref|Arabidopsis thaliana beta-fructofuranosidase (ATBFRUCT1) mRNA, complete cds [NM_001202952]
AT3G54500	-2.03	0.00151262	0.03247898	0.00898518	0.33915693	NM_0012031	ref|Arabidopsis thaliana uncharacterized protein (AT3G13910) mRNA, complete cds [NM_112245]
AT3G54640	8.88	0.0000163	0.00131175	0.00002764	0.00398089	NM_115321	ref|Arabidopsis thaliana uncharacterized protein (AT3G13950) mRNA, complete cds [NM_112249]
AT3G54690	-2.32	0.00022374	0.00870716	0.00215679	0.19312871	NM_115326	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (EMB1006) mRNA, complete cds [NM_124407]
AT3G54890	-2.02	0.00154897	0.03288619	0.00892326	0.33794807	NM_180374	ref|Arabidopsis thaliana protein transport protein sec61 subunit gamma-1 (AT5G50460) mRNA, complete cds [NM_124428]
AT3G54950	2.33	0.00110956	0.02650516	0.00568023	0.16205678	NM_115352	ref|Arabidopsis thaliana uncharacterized protein (AT3G13980) mRNA, complete cds [NM_112252]
AT3G54960	3.85	0.00000725	0.00074813	0.00056214	0.03225588	NM_115353	ref|Arabidopsis thaliana RelA-SpoT like protein RSH2 (RSH2) mRNA, complete cds [NM_112259]
AT3G55150	2.78	0.00116303	0.0274204	0.00274326	0.09876592	NM_115373	ref|Arabidopsis thaliana GDSL esterase/lipase 4 (GLIP4) mRNA, complete cds [NM_112280]
AT3G55450	2.62	0.00151488	0.03251197	0.0035157	0.11570597	NM_0012031	ref|Arabidopsis thaliana uncharacterized protein (AT5G50560) mRNA, complete cds [NM_124443]
AT3G55470	3.35	0.00457257	0.06536906	0.00171915	0.07099543	NM_115405	ref|Arabidopsis thaliana uncharacterized protein (AT3G14280) mRNA, complete cds [NM_112286]
AT3G55510	2.16	0.0004122	0.0133428	0.0076674	0.19846594	NM_115408	ref|Arabidopsis thaliana Heavy-metal-associated domain--containing protein (AT5G50740) mRNA, complete cds [NM_124452]
AT3G55630	-2.24	0.00254243	0.04471744	0.00269107	0.20625424	NM_115421	ref|Arabidopsis thaliana putative disease resistance RPP13-like protein 1 (AT3G14470) mRNA, complete cds [NM_112307]
AT3G55710	-2.77	0.00078589	0.02106573	0.00021583	0.06062112	NM_115429	ref|Arabidopsis thaliana fumarate hydratase 2 (FUM2) mRNA, complete cds [NM_124474]
AT3G55880	3.44	0.00013012	0.00588302	0.00102079	0.04931624	NM_180688	ref|Arabidopsis thaliana cytochrome P450, family 72, subfamily A, polypeptide 8 (CYP72A8) mRNA, complete cds [NM_112323]
AT3G55950	3.51	0.00004974	0.00285784	0.00080031	0.04140732	NM_115453	ref|Arabidopsis thaliana cytochrome P450, family 72, subfamily A, polypeptide 10 (CYP72A10) mRNA, complete cds [NM_112325]
AT3G55980	10.2	0.0000003	0.00012521	0.00001327	0.0023622	NM_115456	ref|Arabidopsis thaliana cytochrome P450, family 72, subfamily A, polypeptide 11 (CYP72A11) mRNA, complete cds [NM_112326]
AT3G56030	2.4	0.00026327	0.00980661	0.00456877	0.13912458	NM_115461	ref|Arabidopsis thaliana cytochrome P450, family 72, subfamily A, polypeptide 14 (CYP72A14) mRNA, complete cds [NM_112329]
AT3G56200	2.96	0.00003809	0.00233379	0.00171805	0.07101463	NM_115478	ref|Arabidopsis thaliana ERD1 protein (ERD1) mRNA, complete cds [NM_124486]
AT3G56400	7.63	0.00000014	0.00009777	0.00004644	0.00555556	NM_115498	ref|Arabidopsis thaliana nodulin MtN3-like protein (AT3G14770) mRNA, complete cds [NM_112338]
AT3G56410	2.5	0.00027522	0.01010182	0.00382176	0.12274148	NM_180378	ref|Arabidopsis thaliana mechanosensitive channel of small conductance-like 5 (MSL5) mRNA, complete cds [NM_112342]
AT3G56710	14.42	0.00000054	0.00016506	0.00000332	0.0009375	NM_115530	ref|Arabidopsis thaliana Leucine-rich repeat transmembrane protein kinase (AT3G14840) mRNA, complete cds [NM_112346]
AT3G56880	4.57	0.00001581	0.00128806	0.00026869	0.01925515	NM_115547	ref|Arabidopsis thaliana class I glutamine amidotransferase domain-containing protein (AT3G14990) mRNA, complete cds [NM_001035621]
AT3G56950	2	0.00609783	0.07816827	0.0135628	0.29457733	NM_0012031	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF105 (AT5G51190) mRNA, complete cds [NM_124498]
AT3G56970	-2.12	0.00631715	0.07995003	0.00377709	0.2359116	NM_115556	ref|Arabidopsis thaliana heat shock protein 23.5 (AT5G51440) mRNA, complete cds [NM_124523]
AT3G57040	-2.14	0.00065796	0.01862725	0.00533061	0.27931634	NM_115563	ref|Arabidopsis thaliana ethylene-responsive transcription factor 4 (ERF4) mRNA, complete cds [NM_112384]
AT3G57240	43.63	0.00000019	0.00010786	0	0	NM_115584	ref|Arabidopsis thaliana proton pump interactor 2 (PPI2) mRNA, complete cds [NM_112397]
AT3G57260	5.04	0.00011078	0.00523984	0.00020787	0.0161235	NM_115586	ref|Arabidopsis thaliana cytochrome c oxidase subunit XVII assembly protein (COX17) mRNA, complete cds [NM_112400]
AT3G57280	2.7	0.00040827	0.01329144	0.00279169	0.09963694	NM_115588	ref|Arabidopsis thaliana lectin-like protein (AT3G15356) mRNA, complete cds [NM_148726]
AT3G57330	3.28	0.00004813	0.00279104	0.00101371	0.04913183	NM_115593	ref|Arabidopsis thaliana NAC domain-containing protein 55 (NAC3) mRNA, complete cds [NM_112418]
AT3G57450	5.55	0.00000181	0.00030321	0.00013136	0.01155642	NM_115605	ref|Arabidopsis thaliana NAC domain containing protein 2 (NAC2) mRNA, complete cds [NM_112419]
AT3G57460	2.53	0.0023479	0.04262231	0.00447125	0.13745071	NM_115606	ref|Arabidopsis thaliana uncharacterized protein (AT3G15518) mRNA, complete cds [NM_001125163]
AT3G57530	2.49	0.004541	0.06502885	0.00484387	0.14525199	NM_115613	ref|Arabidopsis thaliana auxin-responsive protein IAA19 (IAA19) mRNA, complete cds [NM_112422]
AT3G57630	2.61	0.00356608	0.05538729	0.00377068	0.12153243	NM_115623	ref|Arabidopsis thaliana uncharacterized protein (AT3G15760) mRNA, complete cds [NM_112446]
AT3G57640	2.69	0.00215867	0.04052131	0.0031935	0.109071	NM_115624	ref|Arabidopsis thaliana lectin receptor kinase CES101 (CES101) mRNA, complete cds [NM_112473]
AT3G57700	3.7	0.00004515	0.0026866	0.00064109	0.0353106	NM_115630	ref|Arabidopsis thaliana aquaporin TIP2-1 (DELTA-TIP) mRNA, complete cds [NM_112495]
AT3G57800	-2.11	0.00549877	0.07375079	0.00554069	0.28568985	NM_180414	ref|Arabidopsis thaliana microtubule associated protein MAP65-3 (PLE) mRNA, complete cds [NM_124539]
AT3G58120	-2.52	0.00007021	0.0037219	0.00092702	0.13307937	NM_115674	ref|Arabidopsis thaliana GDSL esterase/lipase APG (AT3G16370) mRNA, complete cds [NM_112508]
AT3G58850	-2.43	0.00015561	0.00667635	0.00132043	0.15549479	NM_115747	ref|Arabidopsis thaliana Calcium-dependent lipid-binding domain-containing protein (AT3G16510) mRNA, complete cds [NM_112522]
AT3G58975	-2.35	0.00062194	0.01795917	0.00186157	0.18142241	TA51530_37(	ref|Arabidopsis thaliana fructokinase (AT5G51830) mRNA, complete cds [NM_124562]
AT3G59080	3.97	0.00002044	0.00152291	0.00051017	0.03011749	NM_115770	ref|Arabidopsis thaliana legume lectin-like protein (AT3G16530) mRNA, complete cds [NM_112525]
AT3G59480	-4.39	0.00000538	0.00060038	0.00000111	0.00416667	NM_115810	ref|Arabidopsis thaliana putative nucleotide binding protein (AT3G16565) mRNA, complete cds [NM_148728]
AT3G59660	2.88	0.00133983	0.02996391	0.00245555	0.09116585	NM_115828	ref|Arabidopsis thaliana rapid alkalinization factor 23 (RALF23) mRNA, complete cds [NM_112530]
AT3G59700	3.16	0.00045285	0.01432035	0.00147678	0.06347909	NM_115832	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT3G16670) mRNA, complete cds [NM_112540]
AT3G59880	2.23	0.00035617	0.01202485	0.00722335	0.19157771	NM_115851	ref|Arabidopsis thaliana nodulin MtN3-like protein (AT3G16690) mRNA, complete cds [NM_112542]
AT3G60190	2.17	0.00711206	0.08612947	0.00934011	0.22756466	NM_115882	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT5G52050) mRNA, complete cds [NM_124584]
AT3G60320	-2.1	0.00119041	0.02783357	0.00653406	0.30714137	NM_115896	ref|Arabidopsis thaliana RING-H2 finger protein ATL2 (ATL2) mRNA, complete cds [NM_112545]
AT3G60340	-2.11	0.00623927	0.07931882	0.00394029	0.24078378	NM_180397	ref|Arabidopsis thaliana putative dihydrodipicolinate reductase 3 (crr1) mRNA, complete cds [NM_124589]
AT3G60420	14.91	0.00000136	0.00026433	0.00000265	0.00077922	NM_115906	ref|Arabidopsis thaliana glycoside hydrolase family 28 protein / polygalacturonase (pectinase) family protein (AT3G16850) mRNA, complete cds
AT3G60450	2.08	0.00071982	0.01984026	0.01035935	0.24347713	NM_115909	ref|Arabidopsis thaliana heme oxygenase-like, multi-helical protein (AT3G16990) mRNA, complete cds [NM_112575]
AT3G60540	8.21	0.00000057	0.00016963	0.00003649	0.0048105	NM_202738	ref|Arabidopsis thaliana transcription factor bHLH147 (AT3G17100) mRNA, complete cds [NM_112586]
AT3G60580	2.52	0.00353495	0.05512084	0.00496019	0.14756579	NM_115922	tc|Rep: Arabidopsis thaliana genomic DNA, chromosome 3, TAC clone:K14A17 - Arabidopsis thaliana (Mouse-ear cress), partial (95%) [TC397
AT3G60690	2	0.00368738	0.05671542	0.01259819	0.27980845	NM_115933	ref|Arabidopsis thaliana Myosin heavy chain-related protein (AT5G52280) mRNA, complete cds [NM_124607]
AT3G61060	-2.7	0.00087697	0.02268672	0.000272	0.07235294	NM_202741	ref|Arabidopsis thaliana dihydrolipoyl dehydrogenase 2 (mtLPD2) mRNA, complete cds [NM_112601]
AT3G61080	-2.42	0.00179309	0.03600266	0.00114993	0.14814815	NM_115972	ref|Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 1 (CIPK1) mRNA, complete cds [NM_112631]
AT3G61190	15.14	0.00000038	0.00013967	0.00000265	0.0007947	NM_115983	ref|Arabidopsis thaliana transcription factor HY5-like protein (HYH) mRNA, complete cds [NM_001035640]
AT3G61280	3.6	0.00045721	0.01441779	0.00077377	0.04063879	NM_0011254	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT3G17640) mRNA, complete cds [NM_112645]
AT3G61430	-2.09	0.00140299	0.03087955	0.00584631	0.29244469	NM_0010848	ref|Arabidopsis thaliana cyclic nucleotide gated channel (CNBT1) mRNA, complete cds [NM_112651]
AT3G61440	2.53	0.00630188	0.07984618	0.00509996	0.14985055	NM_0010848	ref|Arabidopsis thaliana purple acid phosphatase 17 (PAP17) mRNA, complete cds [NM_112660]
AT3G61750	-2.29	0.00309314	0.05049114	0.00194405	0.18507368	NM_116040	ref|Arabidopsis thaliana cytochrome P450, family 715, subfamily A, polypeptide 1 (CYP715A1) mRNA, complete cds [NM_124619]
AT3G61930	3.76	0.00001295	0.001115	0.0006433	0.03538929	NM_116058	ref|Arabidopsis thaliana Putative membrane lipoprotein (AT3G18250) mRNA, complete cds [NM_112709]
AT3G62000	-2.19	0.0022841	0.041979	0.00335184	0.22421598	NM_116065	ref|Arabidopsis thaliana uncharacterized protein (AT3G18560) mRNA, complete cds [NM_112742]
AT3G62070	-2.14	0.00062922	0.01813475	0.00518023	0.27591284	NM_116072	ref|Arabidopsis thaliana Bacterial sec-independent translocation protein mttA/Hcf106 (HCF106) mRNA, complete cds [NM_124623]
AT3G62150	2.01	0.00131895	0.02974701	0.01317514	0.28893307	NM_116080	ref|Arabidopsis thaliana Polyol transporter 5 (PMT5) mRNA, complete cds [NM_112769]
AT3G62260	2.14	0.00220506	0.04113558	0.00955462	0.23092464	NM_116091	ref|Arabidopsis thaliana lysocardiolipin and lysophospholipid acyltransferase (LPAT5) mRNA, complete cds [NM_001084714]
AT3G62580	2.37	0.00040889	0.01329803	0.00509951	0.14993498	NM_116123	ref|Arabidopsis thaliana 2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase-like protein (AT3G19010) mRNA, complete cds [NM_0012030(
AT3G62600	3.29	0.00148477	0.03208097	0.00146019	0.06288571	NM_116125	ref|Arabidopsis thaliana uncharacterized protein (AT3G19030) mRNA, complete cds [NM_112789]
AT3G62630	-2.1	0.00395035	0.05926835	0.00451393	0.2580531	NM_116128	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT5G52450) mRNA, complete cds [NM_124624]
AT3G62660	-2.29	0.00143894	0.03140609	0.00211588	0.19212851	NM_116131	ref|Arabidopsis thaliana RNA-binding protein 47B (RBP47B) mRNA, complete cds [NM_112800]
AT3G62750	-2.42	0.00067039	0.01891136	0.00127709	0.15441176	NM_116140	ref|Arabidopsis thaliana zinc-finger protein 2 (ZF2) mRNA, complete cds [NM_112848]
AT3G62780	4.32	0.00011466	0.00538435	0.00038235	0.02424965	NM_116143	ref|Arabidopsis thaliana cell cycle arrest protein BUB3 (BUB3.1) mRNA, complete cds [NM_112849]
AT3G63010	3.76	0.00000637	0.00067695	0.00060571	0.03385661	NM_116166	ref|Arabidopsis thaliana uncharacterized protein (AT3G19615) mRNA, complete cds [NM_001084720]
AT3G63140	-2.05	0.00477439	0.06732083	0.00770655	0.32478099	NM_116179	ref|Arabidopsis thaliana uncharacterized protein (AT3G19660) mRNA, complete cds [NM_112856]
AT3G63160	-2.42	0.00075361	0.02050441	0.00132729	0.15549223	NM_116181	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (AT3G19850) mRNA, complete cds [NM_112875]
AT3G63380	7.66	0.00000228	0.00034992	0.00004113	0.00513812	NM_116203	ref|Arabidopsis thaliana sugar transport protein 4 (STP4) mRNA, complete cds [NM_112883]
AT3G63420	3.18	0.00011502	0.00538993	0.00137196	0.06035019	NM_116207	ref|Arabidopsis thaliana uncharacterized protein (AT3G19970) mRNA, complete cds [NM_112887]
AT3G63450	-2.02	0.00087014	0.02256175	0.00978594	0.35009494	NM_0012032	ref|Arabidopsis thaliana uncharacterized protein (AT5G52540) mRNA, complete cds [NM_124633]
AT3G66654	2.13	0.00348825	0.05469307	0.00985781	0.23585714	NM_202512	ref|Arabidopsis thaliana heat shock protein 81-1 (HSP90.1) mRNA, complete cds [NM_124642]
AT4G00400	-2.21	0.0024119	0.04325106	0.00318333	0.21910198	NM_116264	ref|Arabidopsis thaliana cytochrome P450, family 705, subfamily A, polypeptide 22 (CYP705A22) mRNA, complete cds [NM_112904]
AT4G00430	-2.54	0.00190163	0.03727431	0.00056103	0.10440329	NM_202760	ref|Arabidopsis thaliana pumilio 5 (PUM5) mRNA, complete cds [NM_112916]

AT4G00755	-2.01	0.00507106	0.07012352	0.00768443	0.3250608	NM_116301	ref|Arabidopsis thaliana copper transport family protein (AT5G52720) mRNA, complete cds [NM_124650]
AT4G00950	-2.23	0.00239494	0.04311273	0.00312981	0.21874807	NM_116322	ref|Arabidopsis thaliana uncharacterized protein (AT3G20300) mRNA, complete cds [NM_112921]
AT4G00970	3.36	0.00030453	0.01081775	0.00112406	0.05289282	NM_116325	ref|Arabidopsis thaliana calmodulin-domain protein kinase 9 (CPK9) mRNA, complete cds [NM_112932]
AT4G01010	3.14	0.00023746	0.00907683	0.0015031	0.06430464	NM_116329	ref|Arabidopsis thaliana tetraacyldisaccharide 4'-kinase family protein (AT3G20480) mRNA, complete cds [NM_112940]
AT4G01130	-2.82	0.00028131	0.01023925	0.00015436	0.05094891	NM_116343	ref|Arabidopsis thaliana Transmembrane proteins 14C (AT3G20510) mRNA, complete cds [NM_112943]
AT4G01250	3.63	0.00013182	0.00593106	0.00082862	0.04224352	NM_116355	ref|Arabidopsis thaliana organic cation/carnitine transporter4 (4-Oct) mRNA, complete cds [NM_112957]
AT4G01330	-2.04	0.0017021	0.03486799	0.00716563	0.3155112	NM_116363	ref|Arabidopsis thaliana ABC transporter-like protein (AT3G21080) mRNA, complete cds [NM_113002]
AT4G01360	20.33	0.00000002	0.0000812	0.00000066	0.00038462	NM_116366	ref|Arabidopsis thaliana ABC transporter G family member 15 (AT3G21090) mRNA, complete cds [NM_113003]
AT4G01540	2.24	0.00597375	0.07725683	0.00860703	0.21527102	NM_116384	ref|Arabidopsis thaliana Pyridoxamine 5'-phosphate oxidase family protein (AT3G21140) mRNA, complete cds [NM_113008]
AT4G01610	2.08	0.00085338	0.02234505	0.00966586	0.23286628	NM_116392	ref|Arabidopsis thaliana B-box 32 protein (BBX32) mRNA, complete cds [NM_113009]
AT4G01700	8.81	0.00000151	0.0002752	0.00002875	0.0040625	NM_116400	ref|Arabidopsis thaliana Glycolipid transfer protein (GLTP) family protein (AT3G21260) mRNA, complete cds [NM_001161160]
AT4G01720	2.38	0.00013242	0.00594181	0.00466807	0.14129183	NM_116402	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT5G52750) mRNA, complete cds [NM_124653]
AT4G01750	3.63	0.00030881	0.01092672	0.00084631	0.04280761	NM_116405	ref|Arabidopsis thaliana DUF679 domain membrane protein 1 (DMP1) mRNA, complete cds [NM_113047]
AT4G01870	3.29	0.00020717	0.00821792	0.00118686	0.05459817	NM_116417	ref|Arabidopsis thaliana chitin elicitor receptor kinase 1 (CERK1) mRNA, complete cds [NM_113058]
AT4G02330	5.9	0.00000398	0.00048336	0.00010946	0.01026971	NM_116466	ref|Arabidopsis thaliana major facilitator protein (AT3G21670) mRNA, complete cds [NM_113062]
AT4G02380	16.87	0.00000038	0.00013967	0.00000111	0.00040984	NM_0010848	ref|Arabidopsis thaliana UDP-glucosyl transferase 71B6 (UGT71B6) mRNA, complete cds [NM_113073]
AT4G02410	2.84	0.00007528	0.00391094	0.00205285	0.08037229	NM_116474	Unknown
AT4G02520	14.98	0.00003979	0.00241847	0.00000265	0.00080537	NM_116486	ref|Arabidopsis thaliana cyclin-U1-1 (CYCP2;1) mRNA, complete cds [NM_113083]
AT4G02630	-2.52	0.00290836	0.04833461	0.00069394	0.11708955	NM_116497	ref|Arabidopsis thaliana cysteine-rich repeat secretory protein 38 (AT3G22060) mRNA, complete cds [NM_113102]
AT4G02850	-2.92	0.00031141	0.01096336	0.00011632	0.04141732	NM_116519	ref|Arabidopsis thaliana bifunctional inhibitor/lipid transfer protein/seed storage protein-like protein (AT3G22142) mRNA, complete cds [NM_00
AT4G03070	-2.61	0.00097443	0.02452078	0.00052609	0.10343478	NM_116541	ref|Arabidopsis thaliana VQ motif-containing protein (AT3G22160) mRNA, complete cds [NM_113113]
AT4G03320	2.11	0.00116267	0.0274204	0.0097908	0.23487533	NM_116570	ref|Arabidopsis thaliana pathogen and circadian controlled 1 (PCC1) mRNA, complete cds [NM_113121]
AT4G03415	-2.09	0.00679276	0.08369977	0.005	0.26980907	NM_148206	ref|Arabidopsis thaliana copper transport family protein (AT5G52760) mRNA, complete cds [NM_124654]
AT4G03420	2.29	0.00079581	0.02123104	0.00635759	0.17594247	NM_116580	ref|Arabidopsis thaliana uncharacterized protein (AT3G22235) mRNA, complete cds [NM_180292]
AT4G03450	20.62	0.00000057	0.00016963	0.00000044	0.00026667	NM_116583	ref|Arabidopsis thaliana uncharacterized protein (AT3G22240) mRNA, complete cds [NM_113122]
AT4G03520	-2.14	0.00228903	0.04198435	0.0047092	0.26257707	NM_0011607	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT5G52810) mRNA, complete cds [NM_124659]
AT4G04020	2.37	0.00824508	0.09443837	0.00706988	0.18883639	NM_116640	ref|Arabidopsis thaliana uncharacterized protein (AT5G52870) mRNA, complete cds [NM_124665]
AT4G04220	6.14	0.00000123	0.00025173	0.00009642	0.0094577	NM_116660	ref|Arabidopsis thaliana OTU-like cysteine protease family protein (AT3G22260) mRNA, complete cds [NM_202623]
AT4G04490	3.46	0.00003235	0.00206537	0.00080296	0.04149714	NM_116687	ref|Arabidopsis thaliana DEAD-box ATP-dependent RNA helicase 9 (PMH1) mRNA, complete cds [NM_113129]
AT4G04570	3.41	0.00001484	0.00122397	0.0009372	0.04616558	NM_116695	ref|Arabidopsis thaliana alternative oxidase 1A (AOX1A) mRNA, complete cds [NM_113135]
AT4G04610	6.14	0.0000168	0.0013399	0.00010394	0.01002132	NM_116699	ref|Arabidopsis thaliana cysteine synthase A (OASA2) mRNA, complete cds [NM_113145]
AT4G04695	3.16	0.00013486	0.00601992	0.00136577	0.06019493	NM_148230	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT3G22600) mRNA, complete cds [NM
AT4G04830	2.87	0.00616511	0.07863651	0.0032061	0.10908954	NM_0012037	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT3G22620) mRNA, complete cds [NM
AT4G04840	-2.33	0.00089666	0.02309054	0.00172954	0.1797931	NM_116722	ref|Arabidopsis thaliana ATP sulfurylase 1 (APS1) mRNA, complete cds [NM_113189]
AT4G04960	2.17	0.00035125	0.01191549	0.00811013	0.20719774	NM_116735	ref|Arabidopsis thaliana DNA-directed RNA polymerase II subunit G (NRPD7) mRNA, complete cds [NM_113190]
AT4G05020	4.44	0.0000035	0.00045139	0.00029456	0.02039816	NM_0012037	ref|Arabidopsis thaliana receptor like protein 36 (RLP36) mRNA, complete cds [NM_113201]
AT4G05040	3.56	0.00002455	0.00172714	0.00074724	0.03956674	NM_116743	ref|Arabidopsis thaliana receptor like protein 37 (RLP37) mRNA, complete cds [NM_113212]
AT4G05110	2.32	0.00028845	0.01041847	0.00592747	0.16731586	NM_116750	ref|Arabidopsis thaliana pyruvate kinase (PKP-BETA1) mRNA, complete cds [NM_124670]
AT4G06536	-3.24	0.00030032	0.01072712	0.00003406	0.01949367	NM_178981	ref|Arabidopsis thaliana receptor like protein 38 (RLP38) mRNA, complete cds [NM_113213]
AT4G06746	3.39	0.00150355	0.03233291	0.00126028	0.05681954	NM_179009	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF098 (AT3G23230) mRNA, complete cds [NM_113224]
AT4G08300	2.24	0.00051527	0.01550572	0.00739496	0.1945317	NM_116899	ref|Arabidopsis thaliana ethylene-responsive transcription factor 1B (ERF1) mRNA, complete cds [NM_113225]
AT4G08470	3.58	0.00095881	0.0242356	0.00099314	0.0483423	NM_116916	ref|Arabidopsis thaliana myb domain protein 15 (MYB15) mRNA, complete cds [NM_001035670]
AT4G08555	7.15	0.00002333	0.00167624	0.00004998	0.00585492	NM_179014	ref|Arabidopsis thaliana casein kinase 1 (ckl10) mRNA, complete cds [NM_113237]
AT4G08700	-2.06	0.00074475	0.02036125	0.00699469	0.31503984	NM_116940	ref|Arabidopsis thaliana Cyclopropane-fatty-acyl-phospholipid synthase (AT3G23510) mRNA, complete cds [NM_113254]
AT4G08770	27.89	0.00000013	0.00009777	0	0	NM_116947	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT3G23550) mRNA, complete cds [NM_113258]
AT4G08780	2.41	0.00205214	0.03913869	0.0053651	0.15522073	NM_116948	ref|Arabidopsis thaliana dienelactone hydrolase family protein (AT3G23570) mRNA, complete cds [NM_113260]
AT4G08850	4.72	0.00021948	0.00857078	0.00028527	0.01990741	NM_116955	ref|Arabidopsis thaliana protein ralf-like 24 (RALFL24) mRNA, complete cds [NM_113285]
AT4G09060	-2.25	0.00330071	0.05274139	0.00231424	0.19634146	NM_116975	ref|Arabidopsis thaliana thylakoid lumenal protein 2 (AT5G52970) mRNA, complete cds [NM_124675]
AT4G09350	-2.36	0.00082326	0.02178345	0.00157939	0.17086124	NM_117003	ref|Arabidopsis thaliana F-box/kelch-repeat protein (AT3G23880) mRNA, complete cds [NM_113293]
AT4G09570	2.1	0.00921039	0.10121354	0.01168222	0.26546231	NM_117025	ref|Arabidopsis thaliana putative glucosamine-fructose-6-phosphate aminotransferase (AT3G24090) mRNA, complete cds [NM_113314]
AT4G10770	-2.06	0.00071334	0.0197172	0.00747501	0.32131179	NM_117145	ref|Arabidopsis thaliana Beta-glucosidase, GBA2 type family protein (AT3G24180) mRNA, complete cds [NM_113323]
AT4G10960	2.92	0.00112337	0.0267503	0.00213556	0.08239761	NM_117166	ref|Arabidopsis thaliana Serinc-domain containing serine and sphingolipid biosynthesis protein (AT3G24460) mRNA, complete cds [NM_11335
AT4G10970	2.28	0.00166266	0.03450591	0.00713114	0.19013561	NM_0011607	ref|Arabidopsis thaliana aldehyde dehydrogenase 2C4 (ALDH2C4) mRNA, complete cds [NM_113359]
AT4G11000	8.1	0.00001025	0.00094004	0.00003715	0.00488372	NM_117170	gb|AYAKP52TF pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG418394]
AT4G11070	3.62	0.00003756	0.00230482	0.00077023	0.04059441	NM_117177	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase PRT1 (PRT1) mRNA, complete cds [NM_113392]
AT4G11170	5.73	0.00001429	0.00119641	0.00012318	0.01114	NM_117187	ref|Arabidopsis thaliana receptor like protein 40 (RLP40) mRNA, complete cds [NM_113404]
AT4G11211	-2.06	0.00224282	0.04159973	0.00684343	0.31227043	NM_202805	ref|Arabidopsis thaliana RING/U-box domain-containing protein-like protein (AT5G53110) mRNA, complete cds [NM_124690]
AT4G11280	11.46	0.00000024	0.00011737	0.00000774	0.00157658	NM_117199	ref|Arabidopsis thaliana receptor like protein 41 (RLP41) mRNA, complete cds [NM_113405]
AT4G11290	2.54	0.00014647	0.00640574	0.00358647	0.11709747	NM_117200	ref|Arabidopsis thaliana receptor like protein 42 (RLP42) mRNA, complete cds [NM_113406]
AT4G11370	7.44	0.0000003	0.00012521	0.00004821	0.00570681	NM_117208	ref|Arabidopsis thaliana RPM1 interacting protein 4 (RIN4) mRNA, complete cds [NM_113411]
AT4G11470	6.06	0.00000931	0.0008727	0.00010394	0.00995763	NM_117218	ref|Arabidopsis thaliana putative calcium-binding protein CML16 (AT3G25600) mRNA, complete cds [NM_113458]
AT4G11530	2.96	0.00492464	0.06870103	0.00260924	0.09530695	NM_0011607	ref|Arabidopsis thaliana phospholipid-transporting ATPase 10 (AT3G25610) mRNA, complete cds [NM_113459]
AT4G11650	2.71	0.00083776	0.02201237	0.00283879	0.10107874	NM_117234	ref|Arabidopsis thaliana Ubiquitin-associated/translation elongation factor EF1B protein (AT5G53330) mRNA, complete cds [NM_124712]
AT4G11840	3.84	0.00081899	0.02170842	0.00067559	0.03667467	NM_117254	ref|Arabidopsis thaliana leucine-rich repeat-containing protein (AT3G25670) mRNA, complete cds [NM_113466]
AT4G11850	5.1	0.00000088	0.00021092	0.00017249	0.01439114	NM_117255	ref|Arabidopsis thaliana allene oxide cyclase 2 (AOC2) mRNA, complete cds [NM_113476]
AT4G11890	20.86	0.00000004	0.0000859	0	0	NM_117259	ref|Arabidopsis thaliana allene oxide cyclase 3 (AOC3) mRNA, complete cds [NM_113477]
AT4G12290	5.41	0.00006816	0.00365173	0.00017161	0.01434381	NM_117299	ref|Arabidopsis thaliana NIM1-interacting 2 protein (NIMIN-2) mRNA, complete cds [NM_148752]
AT4G12420	-2.41	0.00095372	0.02416087	0.00132375	0.15548052	NM_117312	ref|Arabidopsis thaliana TPX2 (targeting protein for Xklp2) family protein (AT3G26050) mRNA, complete cds [NM_113509]
AT4G12470	2.28	0.0022874	0.041979	0.00649624	0.17846902	NM_117317	ref|Arabidopsis thaliana peroxiredoxin Q (ATPRX Q) mRNA, complete cds [NM_113510]
AT4G12480	3.12	0.00137095	0.03041911	0.00170478	0.07059524	NM_117318	ref|Arabidopsis thaliana putative plastid-lipid-associated protein 5 (AT3G26080) mRNA, complete cds [NM_113512]
AT4G12490	9.19	0.00002274	0.0016504	0.00002189	0.00336735	NM_117319	ref|Arabidopsis thaliana cytochrome P450 71B23 (CYP71B23) mRNA, complete cds [NM_113528]
AT4G12500	5.97	0.00000854	0.00082547	0.00011278	0.01047228	NM_117320	ref|Arabidopsis thaliana cytochrome P450 71B3 (CYP71B3) mRNA, complete cds [NM_113529]
AT4G12720	5.02	0.00005386	0.00303691	0.00022335	0.01697479	NM_179036	ref|Arabidopsis thaliana cytochrome P450 71B24 (CYP71B24) mRNA, complete cds [NM_113530]
AT4G12730	-2.04	0.00484908	0.06792922	0.00588589	0.29345094	NM_117342	ref|Arabidopsis thaliana cytochrome P450 71B35 (CYP71B35) mRNA, complete cds [NM_113538]
AT4G12830	-2.75	0.00093021	0.02368476	0.00022999	0.06341463	NM_117352	ref|Arabidopsis thaliana uncharacterized protein (AT3G26440) mRNA, complete cds [NM_001203052]
AT4G12880	-2.21	0.00035484	0.01199227	0.00392216	0.2403252	NM_0012037	ref|Arabidopsis thaliana RPW8 domain-containing powdery mildew resistance protein (AT3G26470) mRNA, complete cds [NM_113554]
AT4G12900	-2.23	0.00041969	0.0135174	0.00315038	0.21816233	NM_117359	ref|Arabidopsis thaliana plant intracellular ras group-related LRR 2 (PIRL2) mRNA, complete cds [NM_113557]
AT4G12917	-2.49	0.00103855	0.02548193	0.00078483	0.12280277	BX828992	ref|Arabidopsis thaliana aquaporin TIP1-2 (TIP2) mRNA, complete cds [NM_113559]
AT4G12980	-3.03	0.00004637	0.00273093	0.00008116	0.03462264	NM_117367	ref|Arabidopsis thaliana armadillo repeat only 4 protein (ARO4) mRNA, complete cds [NM_113569]
AT4G13180	3.9	0.00001451	0.0012107	0.00052941	0.03101036	NM_117387	ref|Arabidopsis thaliana cytochrome P450 71B15 (PAD3) mRNA, complete cds [NM_113595]
AT4G13395	2.05	0.00582326	0.07602195	0.0126548	0.28051471	NM_0010849	ref|Arabidopsis thaliana acyltransferase-like protein (AT3G26840) mRNA, complete cds [NM_113596]
AT4G13510	3.99	0.00003243	0.00206537	0.00051835	0.03048114	NM_117425	ref|Arabidopsis thaliana nucleotidylyl transferase domain-containing protein (AT3G27610) mRNA, complete cds [NM_001203062]
AT4G13575	-2	0.00435183	0.06339882	0.00791973	0.32676095	NM_0011255	ref|Arabidopsis thaliana photosystem II light harvesting complex protein 2.3 (LHCB2.3) mRNA, complete cds [NM_113685]
AT4G13800	-2.56	0.0001548	0.00665374	0.00068399	0.11715909	NM_117454	ref|Arabidopsis thaliana NADPH:quinone oxidoreductase (NQR) mRNA, complete cds [NM_113705]
AT4G13840	-2.03	0.00960554	0.10377014	0.00636732	0.30468783	NM_117458	ref|Arabidopsis thaliana peroxidase 31 (AT3G28200) mRNA, complete cds [NM_113739]
AT4G13900	2.62	0.00539339	0.07293336	0.00402189	0.12682706	BT000466	ref|Arabidopsis thaliana zinc finger AN1 domain-containing stress-associated protein 12 (PMZ) mRNA, complete cds [NM_113740]
AT4G13920	3.1	0.00193607	0.03773676	0.00206148	0.08043141	NM_117466	ref|Arabidopsis thaliana TRAF-like family protein (AT3G28220) mRNA, complete cds [NM_113741]
AT4G14220	2.3	0.00155386	0.03294222	0.00639872	0.17664835	NM_117499	ref|Arabidopsis thaliana uncharacterized protein (AT14A) mRNA, complete cds [NM_113748]
AT4G14365	24.19	0.0000001	0.00009335	0	0	NM_117514	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 10 (GATL10) mRNA, complete cds [NM_113753]
AT4G14370	3.26	0.00007112	0.00374831	0.00115104	0.05349435	NM_117515	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT3G28510) mRNA, complete cds [NM_113771]
AT4G14390	7.06	0.00001114	0.00100345	0.00005927	0.00673367	NM_117518	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT3G28540) mRNA, complete cds [NM_113774]
AT4G14400	5.24	0.00000375	0.00046767	0.00017072	0.0142963	NM_117519	ref|Arabidopsis thaliana Proline-rich extensin-like family protein (AT3G28550) mRNA, complete cds [NM_113775]
AT4G14420	2.18	0.00997755	0.10626616	0.01102034	0.25399592	NM_117521	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT3G28580) mRNA, complete cds [NM_113778]
AT4G14450	37.44	0.00000017	0.00010427	0	0	NM_117524	ref|Arabidopsis thaliana Glutaredoxin-like protein (AT3G28850) mRNA, complete cds [NM_113806]
AT4G14610	3.34	0.00006702	0.00360367	0.00111942	0.05278415	ES444444	ref|Arabidopsis thaliana receptor like protein 43 (RLP43) mRNA, complete cds [NM_113810]
AT4G14746	2.96	0.00271086	0.04632845	0.00231513	0.08738731	NM_148321	ref|Arabidopsis thaliana protein AIG2 (AIG2) mRNA, complete cds [NM_113814]
AT4G15070	2.04	0.00718222	0.08663115	0.01243653	0.27785573	NM_117594	ref|Arabidopsis thaliana thylakoid lumenal protein (AT5G53490) mRNA, complete cds [NM_124729]
AT4G15236	4.11	0.0000241	0.00170533	0.00043521	0.0265587	NM_148328	ref|Arabidopsis thaliana AIG2-like protein (AT3G28940) mRNA, complete cds [NM_113815]
AT4G15417	3.07	0.00021114	0.00831949	0.00166497	0.06926403	NM_148331	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT5G53500) mRNA, complete cds [NM_124730]
AT4G15530	4.26	0.00000579	0.00063092	0.00033923	0.02232897	NM_0010365	ref|Arabidopsis thaliana putative calcium-binding protein CML30 (AT3G29000) mRNA, complete cds [NM_113821]
AT4G15610	6.02	0.00000256	0.00037538	0.00010438	0.00997886	NM_117652	ref|Arabidopsis thaliana uncharacterized protein (AT3G29185) mRNA, complete cds [NM_180316]
AT4G15975	6.44	0.0000016	0.00028133	0.00008315	0.00844944	NM_117690	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (emb2076) mRNA, complete cds [NM_113854]
AT4G16250	2.77	0.00041621	0.01343412	0.00231358	0.08747492	NM_117721	ref|Arabidopsis thaliana metal-nicotianamine transporter YSL3 (YSL3) mRNA, complete cds [NM_124735]
AT4G16260	35.99	0.00001096	0.00099356	0	0	NM_117722	Unknown
AT4G16380	2.57	0.00170344	0.03487072	0.00352875	0.11605091	NM_0011255	ref|Arabidopsis thaliana RabGAP/TBC domain-containing protein (AT5G53570) mRNA, complete cds [NM_124737]
AT4G16515	-2.15	0.00593406	0.0769431	0.0039801	0.24061497	NM_117750	ref|Arabidopsis thaliana uncharacterized protein (AT3G32930) mRNA, complete cds [NM_114062]
AT4G16660	2.46	0.00034917	0.01185408	0.00459841	0.13974462	NM_117767	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT3G43720) mRNA, complete cds [NM
AT4G16760	2.15	0.00581652	0.07599625	0.00988678	0.23617538	NM_0012038	ref|Arabidopsis thaliana putative cysteine proteinase (AT3G43960) mRNA, complete cds [NM_114264]
AT4G16820	3.53	0.00019217	0.00775207	0.00091707	0.04557143	NM_117784	ref|Arabidopsis thaliana putative CCR4-associated factor 1-9 (AT3G44260) mRNA, complete cds [NM_114294]
AT4G17070	3	0.00007572	0.00392684	0.00166342	0.06932719	NM_117811	ref|Arabidopsis thaliana arogenate dehydratase 4 (ADT4) mRNA, complete cds [NM_114340]
AT4G17215	4.09	0.00009703	0.00473327	0.0005	0.02963303	NM_117826	ref|Arabidopsis thaliana putative phospholipid:diacylglycerol acyltransferase 2 (AT3G44830) mRNA, complete cds [NM_114352]
AT4G17230	4.03	0.00028989	0.01045378	0.00049469	0.02935696	NM_117828	ref|Arabidopsis thaliana farnesoic acid carboxyl-O-methyltransferase (FAMT) mRNA, complete cds [NM_114355]
AT4G17340	-2.25	0.00017806	0.00733978	0.00305816	0.21574103	NM_117838	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT3G44870) mRNA, complete cds [NM_114356]
AT4G17360	-2.24	0.008005	0.09280982	0.00192371	0.18469214	NM_117840	ref|Arabidopsis thaliana MLO-like protein 11 (MLO11) mRNA, complete cds [NM_124755]
AT4G17490	13.25	0.00000007	0.0000859	0.00000442	0.00113636	NM_117854	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTR8) mRNA, complete cds [NM_114368]
AT4G17500	14.64	0.00000349	0.00045139	0.00000243	0.00074324	NM_117855	ref|Arabidopsis thaliana dolichol kinase (AT3G45040) mRNA, complete cds [NM_114373]
AT4G17660	2.14	0.00727993	0.08729741	0.01100553	0.25378378	NM_117874	ref|Arabidopsis thaliana lipoxygenase 2 (LOX2) mRNA, complete cds [NM_114383]
AT4G17720	2.38	0.00039944	0.01311735	0.00496152	0.14750822	NM_117881	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT3G45330) mRNA, complete cds [NM_114402]
AT4G17770	-2.06	0.00502803	0.06980884	0.00672778	0.31075587	NM_117886	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT3G45430) mRNA, complete cds [NM_114412]

AT4G17810	-2.3	0.00541418	0.07304583	0.00157828	0.17115108	NM_117891	ref|Arabidopsis thaliana transducin/WD40 domain-containing protein (AT3G45620) mRNA, complete cds [NM_114431]
AT4G17830	2.64	0.0010754	0.02603297	0.00298364	0.10410494	NM_0012038	ref|Arabidopsis thaliana protein embryo defective 2737 (emb2737) mRNA, complete cds [NM_001203606]
AT4G17900	2.48	0.00126498	0.02897794	0.00430805	0.13361454	NM_117900	ref|Arabidopsis thaliana nitrate excretion transporter1 (NAXT1) mRNA, complete cds [NM_114434]
AT4G18010	3.78	0.00004253	0.00256115	0.00061964	0.0344226	NM_179071	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 4 (CRK4) mRNA, complete cds [NM_114455]
AT4G18170	4.32	0.00001219	0.00107002	0.00037063	0.02367232	NM_117927	ref|Arabidopsis thaliana expansin-like A3 (EXLA3) mRNA, complete cds [NM_001035738]
AT4G18195	3.24	0.00015478	0.00665374	0.00112561	0.0529106	NM_0010365	ref|Arabidopsis thaliana expansin-like A1 (EXLA1) mRNA, complete cds [NM_114466]
AT4G18197	2.15	0.00031692	0.01111815	0.0080743	0.20674972	NM_0010365	ref|Arabidopsis thaliana C2H2-type zinc finger protein (AT3G46080) mRNA, complete cds [NM_114477]
AT4G18205	2.34	0.00019829	0.0079353	0.00547324	0.15734266	NM_0010365	ref|Arabidopsis thaliana C2H2 and C2HC zinc finger-containing protein (ZAT7) mRNA, complete cds [NM_114478]
AT4G18210	2.22	0.00154088	0.03283631	0.00737307	0.19418171	NM_117931	ref|Arabidopsis thaliana Quercetin 3-O-methyltransferase 1 (OMT1) mRNA, complete cds [NM_124796]
AT4G18250	5.68	0.00003083	0.00201749	0.00012671	0.01130178	NM_117935	ref|Arabidopsis thaliana uncharacterized protein (AT3G46110) mRNA, complete cds [NM_202660]
AT4G18360	2.96	0.00007957	0.00407482	0.00176979	0.07255666	NM_0010849	ref|Arabidopsis thaliana heat shock protein 17.4 (HSP17.4) mRNA, complete cds [NM_114492]
AT4G18370	-2.15	0.00533951	0.07235645	0.00277576	0.20747107	NM_117947	ref|Arabidopsis thaliana uncharacterized protein (AT5G54165) mRNA, complete cds [NM_001125962]
AT4G18390	-2.3	0.00079581	0.02123104	0.00199602	0.18765073	NM_0010849	ref|Arabidopsis thaliana pinoid-binding protein 1 (PBP1) mRNA, complete cds [NM_124829]
AT4G18430	6.67	0.00003136	0.00203159	0.00007121	0.00761229	NM_117956	ref|Arabidopsis thaliana protein kinase-like protein (AT3G46280) mRNA, complete cds [NM_114496]
AT4G18570	-3.3	0.00177663	0.03578575	0.00002897	0.0177027	NM_117970	ref|Arabidopsis thaliana uncharacterized protein (AT3G46300) mRNA, complete cds [NM_114498]
AT4G18670	-2.27	0.00436234	0.0634905	0.00204976	0.18801217	NM_117983	ref|Arabidopsis thaliana flavodoxin-like quinone reductase 1 (FQR1) mRNA, complete cds [NM_001203609]
AT4G18740	-2.03	0.00166945	0.03455045	0.00877377	0.3356599	NM_0012038	ref|Arabidopsis thaliana ENTH/VHS family protein (AT3G46540) mRNA, complete cds [NM_114521]
AT4G18830	-2.03	0.00260416	0.04529232	0.00845887	0.330891	NM_117999	ref|Arabidopsis thaliana uncharacterized protein (AT5G54585) mRNA, complete cds [NM_148130]
AT4G18880	4.37	0.00002562	0.00176088	0.00034034	0.02233672	NM_118004	ref|Arabidopsis thaliana scarecrow-like protein 30 (AT3G46600) mRNA, complete cds [NM_114527]
AT4G19170	-2.42	0.00132818	0.02983621	0.0010575	0.1436036	NM_118036	ref|Arabidopsis thaliana C3H4 type zinc finger protein (AT3G46620) mRNA, complete cds [NM_114529]
AT4G19370	4.78	0.00008538	0.00429468	0.00025674	0.0188474	NM_118057	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT3G46690) mRNA, complete cds [NM_114536]
AT4G19515	6.02	0.00000073	0.00019068	0.00009819	0.00958963	AV545862	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT3G47090) mRNA, complete cds [NM_114576]
AT4G19520	3.77	0.00002315	0.00166964	0.00062539	0.03465686	NM_118072	ref|Arabidopsis thaliana asparagine synthetase [glutamine-hydrolyzing] (ASN1) mRNA, complete cds [NM_180333]
AT4G19810	3.81	0.00124999	0.02876577	0.00081247	0.04175	NM_118101	ref|Arabidopsis thaliana phosphate starvation-induced protein (PS3) mRNA, complete cds [NM_114610]
AT4G19880	2.65	0.00043701	0.01393916	0.00300995	0.10461952	NM_118108	ref|Arabidopsis thaliana putative calcium-binding protein CML47 (AT3G47480) mRNA, complete cds [NM_114616]
AT4G19970	5.21	0.00000182	0.00030434	0.00016431	0.01386194	NM_118115	ref|Arabidopsis thaliana putative chitinase (AT3G47540) mRNA, complete cds [NM_114622]
AT4G20000	22.6	0.00000037	0.00013967	0	0	NM_118119	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT3G47570) mRNA, complete cds [NM_114625]
AT4G20070	-2.05	0.00141635	0.03107595	0.00661322	0.30829897	NM_118126	ref|Arabidopsis thaliana ankyrin repeat family protein (ANK) mRNA, complete cds [NM_124842]
AT4G20110	7.94	0.00001218	0.00107002	0.0000429	0.00525745	NM_0012038	ref|Arabidopsis thaliana aldose 1-epimerase (AT3G47800) mRNA, complete cds [NM_114648]
AT4G20140	-2.55	0.00024659	0.0093624	0.00071362	0.11777372	NM_118133	ref|Arabidopsis thaliana U-box domain-containing protein 39 (PUB39) mRNA, complete cds [NM_114650]
AT4G20780	2.42	0.00098054	0.02459238	0.00486488	0.14559232	NM_118196	ref|Arabidopsis thaliana lipase class 3 family protein / disease resistance protein-related protein (AT3G48080) mRNA, complete cds [NM_11467
AT4G20830	8.33	0.00000058	0.00016963	0.00003406	0.00459701	NM_202851	ref|Arabidopsis thaliana enhanced disease susceptibility 1 protein (EDS1) mRNA, complete cds [NM_114678]
AT4G20860	8.65	0.00000793	0.00078791	0.00002919	0.00408669	NM_118204	ref|Arabidopsis thaliana cytochrome P450 71A24 (CYP71A24) mRNA, complete cds [NM_148855]
AT4G21120	9.76	0.00000256	0.00037538	0.00001902	0.00297578	NM_118231	ref|Arabidopsis thaliana GDSL esterase/lipase (AT3G48460) mRNA, complete cds [NM_114705]
AT4G21190	-2.23	0.00156806	0.03314958	0.00342326	0.22532751	NM_118238	ref|Arabidopsis thaliana acetolactate synthase (CSR1) mRNA, complete cds [NM_114714]
AT4G21366	3.57	0.0015306	0.03270151	0.00113092	0.05299482	NM_148366	ref|Arabidopsis thaliana uncharacterized protein (AT3G48640) mRNA, complete cds [NM_114723]
AT4G21380	2.66	0.00453516	0.06498098	0.00368753	0.11970567	NM_118258	gb|Arabidopsis thaliana At3g48650 mRNA for unknown protein, complete cds, clone: RAFL19-49-F04 [AK118176]
AT4G21390	11.65	0.00000243	0.00036473	0.00000862	0.00168831	NM_118259	ref|Arabidopsis thaliana phosphate transporter 3;2 (PHT3;2) mRNA, complete cds [NM_114744]
AT4G21400	3.26	0.00002716	0.00184382	0.00112893	0.05301142	NM_118260	ref|Arabidopsis thaliana membrane steroid-binding protein 2 (MAPR3) mRNA, complete cds [NM_114748]
AT4G21410	2.65	0.00032161	0.01123018	0.0030199	0.10488479	NM_118261	ref|Arabidopsis thaliana zinc finger-related protein (AT5G54630) mRNA, complete cds [NM_124844]
AT4G21510	2.06	0.00377717	0.05758715	0.01080053	0.25071869	NM_118271	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT5G54710) mRNA, complete cds [NM_124852]
AT4G21560	2.16	0.00207267	0.03939731	0.00815922	0.20751406	NM_202856	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT5G54720) mRNA, complete cds [NM_124853]
AT4G21580	3.44	0.00002071	0.00153774	0.0008326	0.04235096	NM_0010849	ref|Arabidopsis thaliana peroxidase 34 (PRXCB) mRNA, complete cds [NM_114771]
AT4G21830	3.45	0.00267356	0.04603897	0.00119615	0.05480243	NM_118303	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT3G49140) mRNA, complete cds [NM_114773]
AT4G21840	19.53	0.00000004	0.00008493	0.00000088	0.00045977	NM_118304	ref|Arabidopsis thaliana protein IQ-domain 21 (iqd21) mRNA, complete cds [NM_001203110]
AT4G21850	3.77	0.00007855	0.00403198	0.00066342	0.03618818	NM_179087	ref|Arabidopsis thaliana RabGAP/TBC domain-containing protein (AT3G49350) mRNA, complete cds [NM_114795]
AT4G21903	10.84	0.00000096	0.00021577	0.00001194	0.00221311	NM_0011255	ref|Arabidopsis thaliana CTC-interacting domain 10 protein (CID10) mRNA, complete cds [NM_114799]
AT4G21920	3.57	0.00004343	0.00261147	0.00078151	0.04080831	NM_118313	ref|Arabidopsis thaliana NAC domain-containing protein 62 (NAC062) mRNA, complete cds [NM_114813]
AT4G21980	2.15	0.002814	0.0473397	0.01005263	0.23862467	NM_0010849	ref|Arabidopsis thaliana tryptophan synthase beta chain (TSB1) mRNA, complete cds [NM_124862]
AT4G21990	4.24	0.00008256	0.00418517	0.00036599	0.02350852	NM_118320	ref|Arabidopsis thaliana response to low sulfur 1 protein (LSU1) mRNA, complete cds [NM_114818]
AT4G22010	-2.01	0.00356674	0.05538729	0.00807806	0.32998193	NM_118322	ref|Arabidopsis thaliana 2-oxoglutarate-Fe(II)-dependent oxygenase domain-containing protein (DIN11) mRNA, complete cds [NM_114822]
AT4G22530	9.91	0.00000095	0.00021577	0.00001747	0.00285199	NM_118379	ref|Arabidopsis thaliana receptor-like kinase BAM2 (BAM2) mRNA, complete cds [NM_114827]
AT4G22690	2.63	0.00105428	0.02570045	0.00340911	0.11368732	NM_118395	ref|Arabidopsis thaliana phytosulfokine-beta (PSK4) mRNA, complete cds [NM_114838]
AT4G22710	2.87	0.00004775	0.00277903	0.00193454	0.07727915	NM_118397	ref|Arabidopsis thaliana uncharacterized protein (AT3G49845) mRNA, complete cds [NM_001125333]
AT4G22780	2.04	0.00503159	0.06982336	0.01149182	0.26285281	NM_118407	ref|Arabidopsis thaliana myb domain protein 77 (MYB77) mRNA, complete cds [NM_114866]
AT4G22860	-2.39	0.0023906	0.04308597	0.00107452	0.14418398	NM_0010849	ref|Arabidopsis thaliana Ras-related small GTP-binding family protein (SGP1) mRNA, complete cds [NM_203204]
AT4G22990	-2.1	0.00162557	0.03396867	0.00555639	0.28584755	NM_0012038	ref|Arabidopsis thaliana major facilitator protein (AT5G54860) mRNA, complete cds [NM_124868]
AT4G23010	4.92	0.00001342	0.00113892	0.00023463	0.01762458	NM_0012038	ref|Arabidopsis thaliana uncharacterized protein (AT3G50120) mRNA, complete cds [NM_114872]
AT4G23030	4.78	0.00006865	0.00366498	0.00026714	0.01923567	NM_118432	ref|Arabidopsis thaliana uncharacterized protein (AT3G50140) mRNA, complete cds [NM_114874]
AT4G23130	3.36	0.00004686	0.00274827	0.0009372	0.04621592	NM_179094	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF011 (CEJ1) mRNA, complete cds [NM_114886]
AT4G23140	10.05	0.00000503	0.00056723	0.00001504	0.00255639	NM_179095	ref|Arabidopsis thaliana uncharacterized acetyltransferase (AT3G50280) mRNA, complete cds [NM_114888]
AT4G23150	19.81	0.00000536	0.00059993	0.00000066	0.000375	NM_118444	ref|Arabidopsis thaliana methyl esterase 10 (MES10) mRNA, complete cds [NM_114904]
AT4G23170	8.13	0.00000329	0.00043517	0.0000387	0.00504323	NM_118446	ref|Arabidopsis thaliana RPW8-like protein 3 (HR3) mRNA, complete cds [NM_114907]
AT4G23180	3.88	0.0000355	0.00221133	0.00055705	0.03200762	NM_118447	ref|Arabidopsis thaliana RPW8-like protein 4 (HR4) mRNA, complete cds [NM_114908]
AT4G23190	13.89	0.00003529	0.00220437	0.00000376	0.00103659	NM_118448	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT3G50560) mRNA, complete cds [NM_114916]
AT4G23200	2.59	0.00120953	0.02812072	0.00370544	0.12002865	NM_118449	ref|Arabidopsis thaliana coniferyl-alcohol glucosyltransferase (UGT72E1) mRNA, complete cds [NM_114934]
AT4G23210	2.43	0.0037118	0.05691672	0.00579169	0.16440678	NM_0010849	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 2 (GATL2) mRNA, complete cds [NM_114936]
AT4G23215	12.9	0.00000923	0.00086796	0.00000553	0.0013089	EG511673	ref|Arabidopsis thaliana putative calcium-binding protein CML41 (CML41) mRNA, complete cds [NM_114937]
AT4G23220	7.92	0.00000209	0.00032758	0.00004113	0.00515235	NM_118451	ref|Arabidopsis thaliana uncharacterized protein (AT3G50800) mRNA, complete cds [NM_114940]
AT4G23230	8.95	0.00003453	0.0021716	0.00002875	0.00404984	NM_118452	ref|Arabidopsis thaliana uncharacterized protein (AT3G50900) mRNA, complete cds [NM_114950]
AT4G23260	2.9	0.00452361	0.06485571	0.00272689	0.09841181	NM_0012038	ref|Arabidopsis thaliana uncharacterized protein (AT3G50910) mRNA, complete cds [NM_114951]
AT4G23280	18.48	0.00000003	0.00008493	0.00000088	0.00038095	NM_118457	ref|Arabidopsis thaliana cytochrome BC1 synthesis (BCS1) mRNA, complete cds [NM_114953]
AT4G23290	-2.83	0.00108895	0.0262346	0.00018045	0.0555102	NM_118458	ref|Arabidopsis thaliana disease resistance RPP13-like protein 4 (ZAR1) mRNA, complete cds [NM_180346]
AT4G23310	2.17	0.00149798	0.03230271	0.00900774	0.2223417	NM_118460	ref|Arabidopsis thaliana uncharacterized protein (AT3G51290) mRNA, complete cds [NM_114988]
AT4G23320	2.52	0.00024303	0.00925908	0.00388589	0.12427157	NM_118461	ref|Arabidopsis thaliana aspartyl protease family protein (AT3G51330) mRNA, complete cds [NM_114992]
AT4G23400	-2.25	0.00382399	0.05792986	0.00206126	0.18868421	NM_118469	ref|Arabidopsis thaliana strictosidine synthase (YLS2) mRNA, complete cds [NM_001203124]
AT4G23470	2.56	0.00009987	0.0048301	0.00332264	0.11162704	NM_202868	ref|Arabidopsis thaliana strictosidine synthase family protein (AT3G51440) mRNA, complete cds [NM_115003]
AT4G23570	2.21	0.00035633	0.01202485	0.00685338	0.1850209	NM_0010366	ref|Arabidopsis thaliana strictosidine synthase family protein (AT3G51450) mRNA, complete cds [NM_115004]
AT4G23600	3.66	0.00012611	0.00577772	0.0007061	0.03787663	NM_179099	ref|Arabidopsis thaliana macrophage migration inhibitory factor family protein (AT3G51660) mRNA, complete cds [NM_115025]
AT4G23610	13.04	0.00000012	0.00009777	0.00000553	0.00131579	NM_118492	ref|Arabidopsis thaliana vacuolar cation/proton exchanger 3 (CAX3) mRNA, complete cds [NM_115045]
AT4G23670	-2.09	0.00155286	0.03293638	0.00689828	0.31287864	NM_118498	ref|Arabidopsis thaliana Clathrin light chain protein (AT3G51890) mRNA, complete cds [NM_115048]
AT4G23700	48.38	0.00000012	0.00009777	0	0	NM_118501	ref|Arabidopsis thaliana calmodulin-like protein 9 (CAM9) mRNA, complete cds [NM_115051]
AT4G23740	-2.4	0.00090772	0.02325617	0.00127421	0.15447721	NM_118505	ref|Arabidopsis thaliana pyruvate decarboxylase-2 (PDC2) mRNA, complete cds [NM_124878]
AT4G23810	19.77	0.00000006	0.0000859	0.00000044	0.00026316	NM_118512	ref|Arabidopsis thaliana Phosphoglycerate mutase family protein (AT3G52155) mRNA, complete cds [NM_115075]
AT4G23820	-2.49	0.00365596	0.05639637	0.00091309	0.13233974	NM_118513	ref|Arabidopsis thaliana uncharacterized protein (AT3G52360) mRNA, complete cds [NM_115096]
AT4G23850	2	0.00410835	0.06099129	0.01272689	0.28156067	NM_118516	ref|Arabidopsis thaliana dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex 1 (AT5G55070) m
AT4G23885	4.79	0.00021278	0.00835229	0.00024856	0.01836601	NM_118520	ref|Arabidopsis thaliana syntaxin-122 (SYP122) mRNA, complete cds [NM_115100]
AT4G24000	2	0.00559795	0.07449651	0.0143598	0.3065864	NM_118532	ref|Arabidopsis thaliana protein PHYTOALEXIN DEFICIENT 4 (PAD4) mRNA, complete cds [NM_115103]
AT4G24190	2.37	0.00102892	0.02532818	0.00545666	0.15706556	NM_202877	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase PUB22 (PUB22) mRNA, complete cds [NM_115105]
AT4G24380	2.64	0.0004958	0.0150816	0.00329323	0.1109687	NM_0010366	ref|Arabidopsis thaliana hydroxyproline-rich glycoprotein family protein (AT3G52460) mRNA, complete cds [NM_115106]
AT4G24570	45.81	0.00000001	0.00006418	0	0	NM_118590	ref|Arabidopsis thaliana zinc finger A20 and AN1 domain-containing stress-associated protein 6 (AT3G52800) mRNA, complete cds [NM_1151
AT4G24670	-2.08	0.00107757	0.02605755	0.00647523	0.30596656	NM_202879	ref|Arabidopsis thaliana growth-regulating factor 4 (GRF4) mRNA, complete cds [NM_115151]
AT4G24920	2.24	0.00196091	0.03808532	0.00740535	0.19469186	NM_118624	ref|Arabidopsis thaliana cell division control protein 48-D (AT3G53230) mRNA, complete cds [NM_115183]
AT4G25030	2.3	0.00693188	0.08485645	0.00735559	0.1938345	NM_202884	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G53250) mRNA, complete cds [NM_115185]
AT4G25040	-2.21	0.00048322	0.01490545	0.00342459	0.22508721	NM_118636	ref|Arabidopsis thaliana aquaporin PIP2-1 (PIP2A) mRNA, complete cds [NM_001035774]
AT4G25070	5.39	0.00000359	0.00045466	0.00014418	0.01246654	NM_118639	ref|Arabidopsis thaliana Chloroplast-targeted copper chaperone protein (AT3G53530) mRNA, complete cds [NM_001035775]
AT4G25110	11.92	0.00000129	0.00025958	0.00000708	0.00150943	NM_118643	ref|Arabidopsis thaliana conserved peptide upstream open reading frame 51 (CPuORF51) mRNA, complete cds [NM_001125363]
AT4G25350	2.42	0.00518363	0.07101911	0.00553538	0.15862484	NM_118667	ref|Arabidopsis thaliana small ubiquitin-related modifier 3 (SUMO3) mRNA, complete cds [NM_124899]
AT4G25420	-2.4	0.00583463	0.07605709	0.00122313	0.1532133	NM_118674	ref|Arabidopsis thaliana RHOMBOID-like protein 4 (RBL4) mRNA, complete cds [NM_180367]
AT4G25470	2.51	0.00823068	0.09436899	0.00517868	0.15127907	NM_118679	ref|Arabidopsis thaliana cell division protein ftsZ-like protein (FTSZ1-1) mRNA, complete cds [NM_124910]
AT4G25490	3.58	0.00184285	0.03661007	0.00089938	0.04484013	NM_118681	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT3G53810) mRNA, complete cds [NM_115241]
AT4G25780	-3.62	0.00001269	0.00109929	0.00000818	0.00925	NM_118710	ref|Arabidopsis thaliana Concanavalin A-like lectin family protein (AT3G54080) mRNA, complete cds [NM_115268]
AT4G25810	4.17	0.00001134	0.00101726	0.00041575	0.02561308	NM_118713	ref|Arabidopsis thaliana peptide transporter PTR1 (PTR1) mRNA, complete cds [NM_115274]
AT4G25900	3.22	0.00001207	0.00106625	0.00113335	0.05283505	NM_118723	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT3G54150) mRNA, complete cds [NM_115275]
AT4G25910	-2.24	0.001823	0.03633135	0.00229567	0.19773333	NM_118724	ref|Arabidopsis thaliana Forkhead-associated (FHA) domain-containing protein (emb1967) mRNA, complete cds [NM_180371]
AT4G25960	-2.39	0.00188717	0.03710333	0.00124834	0.15339674	NM_118729	Unknown
AT4G26060	3.82	0.00000389	0.00047651	0.00056303	0.03226869	NM_118739	ref|Arabidopsis thaliana chitinase (EP3) mRNA, complete cds [NM_115302]
AT4G26070	3.07	0.00005254	0.00298455	0.00145135	0.06262405	NM_179115	ref|Arabidopsis thaliana uncharacterized protein (AT3G54500) mRNA, complete cds [NM_001203160]
AT4G26090	3.41	0.00107003	0.02593774	0.00126249	0.05686255	NM_118742	ref|Arabidopsis thaliana tryptophan synthase alpha chain (TSA1) mRNA, complete cds [NM_115321]
AT4G26120	4.43	0.00006645	0.00357747	0.00036798	0.02360284	NM_118745	ref|Arabidopsis thaliana sugar isomerase domain-containing protein (AT3G54690) mRNA, complete cds [NM_115326]
AT4G26200	3.29	0.00005116	0.00291654	0.0011318	0.05292658	NM_118753	ref|Arabidopsis thaliana light-harvesting complex I chlorophyll a/b binding protein 1 (LHCA1) mRNA, complete cds [NM_180374]
AT4G26270	4.49	0.00007191	0.00378554	0.00036533	0.02349929	NM_118760	ref|Arabidopsis thaliana patatin-like protein 6 (PLA IIIA) mRNA, complete cds [NM_115352]
AT4G26530	-2.41	0.00365955	0.05640244	0.00086886	0.12881967	NM_0010366	ref|Arabidopsis thaliana protein PDI-like 1-3 (PDIL1-3) mRNA, complete cds [NM_115353]
AT4G26540	-2.5	0.00343205	0.05401931	0.00067116	0.11718147	NM_118787	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70H1) mRNA, complete cds [NM_115373]
AT4G26660	-2.01	0.00582356	0.07602195	0.00801968	0.32878513	NM_118800	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT5G55450) mRNA, complete cds [N
AT4G26790	-2.21	0.00029273	0.01053582	0.00366541	0.23149441	NM_118813	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT5G55530) mRNA, complete cds [NM_124935]
AT4G26910	3.34	0.00009777	0.00475412	0.00105551	0.05066879	NM_118825	ref|Arabidopsis thaliana PBS1-like 1 kinase (PBL1) mRNA, complete cds [NM_001203168]
AT4G26970	2.26	0.00230017	0.0420768	0.00688567	0.18533929	NM_118831	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT3G55470) mRNA, complete cds [NM_115405]
AT4G26990	2.78	0.00010711	0.00510915	0.00237528	0.08898923	NM_118833	ref|Arabidopsis thaliana Noc2p family protein (RBL) mRNA, complete cds [NM_115408]

AT4G27030	-2.35	0.00425068	0.06263134	0.00130318	0.15507895	NM_118837	ref|Arabidopsis thaliana DHFS-FPGS homolog D (DFD) mRNA, complete cds [NM_115421]
AT4G27070	3.66	0.00006832	0.00365399	0.00069372	0.03747909	NM_118841	ref|Arabidopsis thaliana UDP-glucoronosyl/UDP-glucosyl transferase family protein (AT3G55710) mRNA, complete cds [NM_115429]
AT4G27280	8.07	0.00000335	0.00043868	0.00004003	0.00509859	NM_118862	ref|Arabidopsis thaliana Alpha/beta hydrolase related protein (AT3G55880) mRNA, complete cds [NM_180688]
AT4G27300	2.7	0.00014949	0.0064897	0.00284962	0.10122545	NM_118864	ref|Arabidopsis thaliana putative serine/threonine-protein kinase-like protein CCR3 (CCR3) mRNA, complete cds [NM_115453]
AT4G27410	2.08	0.00228312	0.041979	0.01074259	0.24963001	NM_0010849	ref|Arabidopsis thaliana putative serine/threonine-protein kinase WNK11 (AT5G55560) mRNA, complete cds [NM_124938]
AT4G27430	-2.26	0.00134551	0.03007604	0.0029257	0.21134185	NM_118877	ref|Arabidopsis thaliana uncharacterized protein (AT5G55620) mRNA, complete cds [NM_124944]
AT4G27652	2.46	0.00149196	0.03218823	0.00440778	0.13586912	NM_118902	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 1 (FLA1) mRNA, complete cds [NM_001203621]
AT4G27657	4.4	0.00000333	0.00043773	0.00031159	0.02106129	NM_118904	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (CRR21) mRNA, complete cds [NM_124956]
AT4G28080	-2.31	0.00280675	0.04726182	0.00183658	0.18172867	NM_118947	ref|Arabidopsis thaliana molecular chaperone HtpG (Hsp81.4) mRNA, complete cds [NM_124982]
AT4G28085	2.37	0.00026128	0.00974859	0.00479412	0.14395086	NM_0010366	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 47 (SZF1) mRNA, complete cds [NM_115456]
AT4G28190	-2.35	0.00771447	0.0907042	0.00129102	0.15444444	NM_118959	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT3G56030) mRNA, complete cds [NM_115461]
AT4G28350	2.3	0.00170253	0.03486799	0.0070241	0.18772459	NM_118975	ref|Arabidopsis thaliana transmembrane amino acid transporter-like protein (AT3G56200) mRNA, complete cds [NM_115478]
AT4G28390	3.93	0.0000491	0.00282836	0.00054202	0.03130268	NM_118980	ref|Arabidopsis thaliana putative WRKY transcription factor 70 (WRKY70) mRNA, complete cds [NM_115498]
AT4G28400	3.07	0.00122036	0.02831432	0.00183945	0.07453405	NM_118982	ref|Arabidopsis thaliana uncharacterized protein (AT3G56410) mRNA, complete cds [NM_180378]
AT4G28420	2.76	0.00074829	0.02043338	0.00278925	0.09962875	NM_118984	ref|Arabidopsis thaliana sigma factor binding protein 1 (SIB1) mRNA, complete cds [NM_115530]
AT4G28460	31.27	0	0.00004276	0	0	NM_118988	ref|Arabidopsis thaliana VQ motif-containing protein (AT3G56880) mRNA, complete cds [NM_115547]
AT4G28490	4.5	0.00002584	0.00177067	0.0003264	0.02170588	NM_118991	ref|Arabidopsis thaliana putative aquaporin SIP2-1 (SIP2;1) mRNA, complete cds [NM_001203184]
AT4G28703	2.51	0.00185737	0.03680562	0.00444383	0.13670068	NM_119013	ref|Arabidopsis thaliana transcription factor ORG2 (BHLH038) mRNA, complete cds [NM_115556]
AT4G29050	2.22	0.00078253	0.02101749	0.00715458	0.19042378	NM_119049	ref|Arabidopsis thaliana two-component response regulator ARR9 (ARR9) mRNA, complete cds [NM_115563]
AT4G29210	2.17	0.00515996	0.07087695	0.0095199	0.23070204	NM_202907	ref|Arabidopsis thaliana beta-1,3-glucanase 3 (BG3) mRNA, complete cds [NM_115584]
AT4G29780	15.6	0.00000008	0.00009308	0.00000133	0.00045113	NM_119124	ref|Arabidopsis thaliana glucan endo-1,3-beta-D-glucosidase (BGL2) mRNA, complete cds [NM_115586]
AT4G29900	2.5	0.00035464	0.01199227	0.0039226	0.12509168	NM_119136	ref|Arabidopsis thaliana Transmembrane proteins 14C (AT3G57280) mRNA, complete cds [NM_115588]
AT4G30060	2.78	0.00039467	0.0130174	0.00250464	0.09245714	NM_119152	ref|Arabidopsis thaliana Ca2+-transporting ATPase (ACA11) mRNA, complete cds [NM_115593]
AT4G30210	2.36	0.00283689	0.04758323	0.00606745	0.17062811	NM_179141	ref|Arabidopsis thaliana uncharacterized protein (AT3G57450) mRNA, complete cds [NM_115605]
AT4G30230	2.19	0.00275919	0.0467481	0.00853295	0.21377285	NM_119169	ref|Arabidopsis thaliana heat shock protein 81-3 (HSP81-3) mRNA, complete cds [NM_124983]
AT4G30250	-2.11	0.00570851	0.07515748	0.00575719	0.29088268	NM_119171	ref|Arabidopsis thaliana oxidative stress 3 (OXS3) mRNA, complete cds [NM_125038]
AT4G30280	3.44	0.00004445	0.0026551	0.00092194	0.04571272	NM_119174	ref|Arabidopsis thaliana catalytic/ metal ion binding / metalloendopeptidase/ zinc ion binding protein (AT3G57460) mRNA, complete cds [NM_1
AT4G30410	-2.15	0.00076095	0.02065065	0.00463291	0.26057214	NM_202911	ref|Arabidopsis thaliana calcium-dependent protein kinase 32 (CPK32) mRNA, complete cds [NM_115613]
AT4G30430	2.39	0.00125388	0.02882576	0.00531446	0.15434811	NM_119189	ref|Arabidopsis thaliana exostosin family protein (AT3G57630) mRNA, complete cds [NM_115623]
AT4G30530	3.39	0.00038949	0.01289273	0.00113291	0.05292355	NM_119199	ref|Arabidopsis thaliana protein kinase family protein (AT3G57640) mRNA, complete cds [NM_115624]
AT4G30610	-2.12	0.001313	0.02964244	0.00486289	0.26817073	NM_119207	ref|Arabidopsis thaliana dual specificity protein phosphatase family protein (AT5G56610) mRNA, complete cds [NM_125044]
AT4G30640	2.6	0.00085516	0.02235933	0.00338744	0.11321508	NM_119210	ref|Arabidopsis thaliana putative protein kinase (AT3G57700) mRNA, complete cds [NM_115630]
AT4G30910	2.7	0.00118048	0.02773048	0.00294405	0.10320155	NM_119238	ref|Arabidopsis thaliana transcription factor bHLH60 (AT3G57800) mRNA, complete cds [NM_180414]
AT4G31290	-2.01	0.00539879	0.0729809	0.00676448	0.31086382	NM_119278	ref|Arabidopsis thaliana basic leucine zipper transcription factor-like protein (BZIP61) mRNA, complete cds [NM_115674]
AT4G31500	7.56	0.00000356	0.00045311	0.00004489	0.00544236	NM_119299	ref|Arabidopsis thaliana phy rapidly regulated 2 protein (PAR2) mRNA, complete cds [NM_115747]
AT4G31510	2.11	0.00155085	0.03290908	0.01032862	0.24313378	NM_119300	ref|Arabidopsis thaliana putative transcription factor bHLH041 (AT5G56960) mRNA, complete cds [NM_125078]
AT4G31550	2.09	0.00239481	0.04311273	0.01016453	0.24014629	NM_119304	ref|Arabidopsis thaliana calmodulin-binding protein-like protein (AT5G57010) mRNA, complete cds [NM_125083]
AT4G31800	7.69	0.00000176	0.00030023	0.00004379	0.00533693	NM_119329	tc|Rep: F-box/LRR-repeat protein At3g58980 - Arabidopsis thaliana (Mouse-ear cress), complete [TC364526]
AT4G31820	-2.04	0.00330754	0.05281591	0.0065774	0.30853734	NM_119332	ref|Arabidopsis thaliana aspartyl protease family protein (AT3G59080) mRNA, complete cds [NM_115770]
AT4G32020	2.13	0.00130354	0.02948453	0.00936555	0.22806139	NM_119354	ref|Arabidopsis thaliana U-box domain-containing protein kinase family protein (AT5G57035) mRNA, complete cds [NM_148143]
AT4G32280	-2.35	0.00135743	0.03022296	0.00140668	0.15982412	NM_119380	ref|Arabidopsis thaliana fructokinase (AT3G59480) mRNA, complete cds [NM_115810]
AT4G32330	-2.28	0.00073504	0.0201446	0.00248054	0.2006619	NM_0011256	ref|Arabidopsis thaliana macrophage migration inhibitory factor family protein (AT5G57170) mRNA, complete cds [NM_125099]
AT4G32350	-2.05	0.00233072	0.04241544	0.00711809	0.31618861	NM_119387	ref|Arabidopsis thaliana cytochrome P450, family 81, subfamily F, polypeptide 2 (CYP81F2) mRNA, complete cds [NM_125104]
AT4G32480	2.47	0.00597929	0.07725683	0.00525475	0.15281029	NM_119400	ref|Arabidopsis thaliana C2 domain and GRAM domain-containing protein (AT3G59660) mRNA, complete cds [NM_115828]
AT4G32570	-2.19	0.00228955	0.04198435	0.0035073	0.22787356	NM_119409	ref|Arabidopsis thaliana lectin-receptor kinase (HLECRK) mRNA, complete cds [NM_115832]
AT4G32870	4.26	0.00003004	0.0019772	0.00036201	0.02335235	NM_119440	ref|Arabidopsis thaliana uncharacterized protein (AT3G59880) mRNA, complete cds [NM_115851]
AT4G33000	-2.17	0.0013709	0.03041911	0.00454268	0.25838994	NM_179154	ref|Arabidopsis thaliana dynamin-related protein 1E (DL1E) mRNA, complete cds [NM_115882]
AT4G33050	22.73	0.0000001	0.00009335	0	0	NM_119459	ref|Arabidopsis thaliana uncharacterized protein (AT3G60320) mRNA, complete cds [NM_115896]
AT4G33300	2.64	0.00173274	0.03523135	0.00361942	0.11800288	NM_119484	ref|Arabidopsis thaliana palmitoyl protein thioesterase family protein (AT3G60340) mRNA, complete cds [NM_180397]
AT4G33360	2.82	0.00030258	0.01076527	0.00208912	0.08115979	NM_0012039	ref|Arabidopsis thaliana AAA-type ATPase family protein (AT5G57480) mRNA, complete cds [NM_125129]
AT4G33467	-3.46	0.00107735	0.02605755	0.00001327	0.0122449	NM_0010850	ref|Arabidopsis thaliana Phosphoglycerate mutase family protein (AT3G60420) mRNA, complete cds [NM_115906]
AT4G33490	-2.44	0.00113249	0.02692497	0.00098076	0.13946541	NM_119503	ref|Arabidopsis thaliana CBL-interacting serine/threonine-protein kinase 21 (CIPK21) mRNA, complete cds [NM_125144]
AT4G33580	-2.22	0.00257931	0.04504336	0.00242194	0.19985401	NM_0010367	ref|Arabidopsis thaliana phosphoglycerate mutase-like protein (AT3G60450) mRNA, complete cds [NM_115909]
AT4G33625	-2.17	0.00120435	0.02802919	0.00354268	0.22885714	NM_179156	ref|Arabidopsis thaliana Preprotein translocase Sec, Sec61-beta subunit protein (AT3G60540) mRNA, complete cds [NM_202738]
AT4G33660	-2.24	0.00178709	0.03593244	0.00242724	0.19992714	NM_119522	ref|Arabidopsis thaliana C2H2-like zinc finger protein (AT3G60580) mRNA, complete cds [NM_115922]
AT4G33666	-2.34	0.00046812	0.0146176	0.00180938	0.18182222	NM_119524	ref|Arabidopsis thaliana uncharacterized protein (AT5G57760) mRNA, complete cds [NM_125159]
AT4G33920	2.74	0.00017146	0.00713958	0.00247855	0.09179361	NM_119551	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT3G60690) mRNA, complete cds [NM_115933]
AT4G33980	2.13	0.00193005	0.0376517	0.00865458	0.2161016	NM_0012039	ref|Arabidopsis thaliana uncharacterized protein (AT5G57780) mRNA, complete cds [NM_125161]
AT4G33985	2.34	0.00430836	0.06299015	0.00632751	0.17543225	NM_119560	ref|Arabidopsis thaliana uncharacterized protein (AT5G57910) mRNA, complete cds [NM_125176]
AT4G34131	6.24	0.00001455	0.0012117	0.00009465	0.00930435	NM_119574	ref|Arabidopsis thaliana F-box protein PP2-A13 (PP2-A13) mRNA, complete cds [NM_202741]
AT4G34135	3.36	0.00003444	0.00216926	0.00097877	0.04790043	NM_179161	ref|Arabidopsis thaliana protein kinase-like protein (AT3G61080) mRNA, complete cds [NM_115972]
AT4G34150	2.89	0.00376315	0.05745088	0.00273618	0.09866826	NM_119578	ref|Arabidopsis thaliana BON1-associated protein 1 (BAP1) mRNA, complete cds [NM_115983]
AT4G34180	2.69	0.00326873	0.05241558	0.00356568	0.11667149	NM_119581	ref|Arabidopsis thaliana uncharacterized protein (AT3G61280) mRNA, complete cds [NM_001125402]
AT4G34200	2.55	0.00153893	0.03281015	0.00369925	0.11991398	NM_119583	ref|Arabidopsis thaliana aquaporin PIP1-1 (PIP1A) mRNA, complete cds [NM_001084854]
AT4G34220	-3.05	0.00007529	0.00391094	0.00008536	0.03509091	NM_119586	ref|Arabidopsis thaliana cysteine synthase C1 (CYSC1) mRNA, complete cds [NM_001084855]
AT4G34230	3.42	0.00018707	0.00760927	0.00101681	0.04922912	NM_119587	ref|Arabidopsis thaliana Cytochrome b561/ferric reductase transmembrane with DOMON related domain (AT3G61750) mRNA, complete cds [N
AT4G34240	-2.04	0.00570904	0.07515748	0.00703207	0.31546627	NM_202950	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G58120) mRNA, complete cds [NM_125197]
AT4G34250	-2.28	0.00119785	0.02796011	0.00215281	0.19353877	NM_119589	ref|Arabidopsis thaliana oxidoreductase (AT5G58260) mRNA, complete cds [NM_001125985]
AT4G34530	-2.18	0.00160581	0.03371135	0.00352786	0.22855301	NM_119618	ref|Arabidopsis thaliana uncharacterized protein (AT3G61930) mRNA, complete cds [NM_116058]
AT4G34650	-2.17	0.00076127	0.02065065	0.00475387	0.26344363	NM_119631	ref|Arabidopsis thaliana lactate/malate dehydrogenase family protein (AT5G58330) mRNA, complete cds [NM_180883]
AT4G34760	-3.46	0.00039787	0.01308479	0.00001216	0.01170213	NM_119642	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase-like protein (AT3G62000) mRNA, complete cds [NM_116065]
AT4G34790	-2.45	0.00254825	0.04475196	0.00081535	0.12456081	NM_119645	ref|Arabidopsis thaliana uncharacterized protein (AT3G62070) mRNA, complete cds [NM_116072]
AT4G35060	-2.6	0.00025139	0.00948889	0.00053008	0.10376623	NM_119672	ref|Arabidopsis thaliana ABC transporter B family member 21 (PGP21) mRNA, complete cds [NM_116080]
AT4G35100	-2.28	0.00262389	0.04551297	0.00220522	0.19438596	NM_0012039	ref|Arabidopsis thaliana putative protein phosphatase 2C 49 (AT3G62260) mRNA, complete cds [NM_116091]
AT4G35110	2.7	0.00017065	0.0071121	0.00260438	0.09536032	NM_0011256	ref|Arabidopsis thaliana Late embryogenesis abundant protein (LEA) family protein (AT3G62580) mRNA, complete cds [NM_116123]
AT4G35170	2.13	0.00226212	0.0418093	0.00933127	0.2274717	NM_119683	ref|Arabidopsis thaliana DNAJ heat shock family protein (ATERDJ3B) mRNA, complete cds [NM_116125]
AT4G35180	24.46	0.00000003	0.00008493	0	0	NM_119684	ref|Arabidopsis thaliana uncharacterized protein (AT3G62630) mRNA, complete cds [NM_116128]
AT4G35250	-2.01	0.00042763	0.01371455	0.00973662	0.35138867	NM_119691	ref|Arabidopsis thaliana putative serine/threonine-protein kinase WNK4 (WNK4) mRNA, complete cds [NM_125220]
AT4G35310	4.11	0.00931632	0.10180857	0.00072623	0.03863529	NM_119697	ref|Arabidopsis thaliana putative galacturonosyltransferase-like 7 (GATL7) mRNA, complete cds [NM_116131]
AT4G35320	-2.61	0.00036892	0.01235734	0.00052057	0.10415929	NM_119698	ref|Arabidopsis thaliana beta glucosidase 8 (BGLU8) mRNA, complete cds [NM_116140]
AT4G35630	3.59	0.00005469	0.00306921	0.00069792	0.03752675	NM_119728	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT3G62780) mRNA, complete cds [NM_116143]
AT4G35770	-2.15	0.00640425	0.08073608	0.00428505	0.25034884	NM_119743	ref|Arabidopsis thaliana protein kinase-like protein (AT5G58540) mRNA, complete cds [NM_203231]
AT4G35783	-2.18	0.00081121	0.02152578	0.00397943	0.24089692	NM_0010850	ref|Arabidopsis thaliana zinc finger CCCH domain-containing protein 66 (AT5G58620) mRNA, complete cds [NM_125249]
AT4G36090	2.51	0.00104684	0.0256228	0.00425962	0.13229396	NM_0010367	ref|Arabidopsis thaliana putative gibberellin receptor GID1L2 (GID1B) mRNA, complete cds [NM_116166]
AT4G36110	3.15	0.0016376	0.03409409	0.00181336	0.07387387	NM_119778	ref|Arabidopsis thaliana chloroplast stem-loop binding protein-41 (CSP41A) mRNA, complete cds [NM_116179]
AT4G36150	2.32	0.0001955	0.00785824	0.00581999	0.16479649	NM_119782	ref|Arabidopsis thaliana uncharacterized protein (AT3G63160) mRNA, complete cds [NM_116181]
AT4G36240	-2.01	0.00988722	0.10572238	0.00788921	0.32669414	NM_119792	ref|Arabidopsis thaliana uncharacterized protein (AT5G59350) mRNA, complete cds [NM_125326]
AT4G36360	-2.36	0.00754088	0.08924332	0.00118156	0.15050704	NM_119799	ref|Arabidopsis thaliana Ca2+-transporting ATPase (AT3G63380) mRNA, complete cds [NM_116203]
AT4G36500	3.91	0.00000419	0.00049963	0.00051482	0.03035202	NM_119813	ref|Arabidopsis thaliana Ggamma-subunit 1 (GG1) mRNA, complete cds [NM_116207]
AT4G36640	2.16	0.00228506	0.041979	0.0092563	0.22613182	NM_0010850	ref|Arabidopsis thaliana RNA-binding (RRM/RBD/RNP motifs) family protein (AT3G63450) mRNA, complete cds [NM_001203241]
AT4G36670	4.86	0.00004366	0.00261978	0.00025962	0.01890499	NM_119831	ref|Arabidopsis thaliana Cyclophilin-like peptidyl-prolyl cis-trans isomerase family protein (AT3G66654) mRNA, complete cds [NM_202512]
AT4G36720	2.02	0.00079396	0.0212193	0.01184675	0.26852632	NM_119836	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT5G59540) mRNA, complete cds [NM_125346]
AT4G36988	9.43	0.00000713	0.00073904	0.00002256	0.00343434	NM_119862	ref|Arabidopsis thaliana glycerol-3-phosphate acyltransferase (GPAT8) mRNA, complete cds [NM_116264]
AT4G36990	10.04	0.0000213	0.00157132	0.0000146	0.0025	NM_119862	ref|Arabidopsis thaliana putative aquaporin PIP1-4 (PIP1;4) mRNA, complete cds [NM_202760]
AT4G37010	3.52	0.00025544	0.0095969	0.00090668	0.04510451	NM_119864	ref|Arabidopsis thaliana F-box protein (AT4G00755) mRNA, complete cds [NM_116301]
AT4G37220	-3.93	0.00049165	0.01504227	0.00000265	0.00521739	NM_119885	ref|Arabidopsis thaliana uncharacterized protein (MEF47) mRNA, complete cds [NM_116322]
AT4G37240	-2.24	0.00233088	0.04241544	0.00285604	0.21	NM_119887	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 41 (CRK41) mRNA, complete cds [NM_116325]
AT4G37260	2.37	0.00018048	0.0074061	0.00485781	0.14557323	NM_119889	ref|Arabidopsis thaliana C3H4 type zinc finger protein (AT5G59550) mRNA, complete cds [NM_125347]
AT4G37290	10.56	0.00000464	0.00053304	0.00001238	0.00225806	NM_119892	ref|Arabidopsis thaliana cyclic nucleotide-gated channel 13 (CNGC13) mRNA, complete cds [NM_116329]
AT4G37370	16.21	0.00000908	0.00085914	0.00000133	0.00047244	NM_119900	ref|Arabidopsis thaliana GDSL esterase/lipase (AT4G01130) mRNA, complete cds [NM_116343]
AT4G37530	3.43	0.0000343	0.00216297	0.00093498	0.04615721	NM_0010850	ref|Arabidopsis thaliana WRKY transcription factor 22 (WRKY22) mRNA, complete cds [NM_116355]
AT4G37610	2.75	0.00284279	0.04763824	0.00319505	0.10904151	NM_119924	ref|Arabidopsis thaliana protein kinase family protein (AT4G01330) mRNA, complete cds [NM_116363]
AT4G37640	2.81	0.00016394	0.00690277	0.00229522	0.08714526	NM_119927	ref|Arabidopsis thaliana uncharacterized protein (AT4G01360) mRNA, complete cds [NM_116366]
AT4G37800	-2.24	0.00330852	0.05281591	0.00215458	0.19331349	NM_119942	ref|Arabidopsis thaliana NAC domain-containing protein 68 (NTM1) mRNA, complete cds [NM_116384]
AT4G37900	3.22	0.00086518	0.02248175	0.00152609	0.06492004	NM_119951	ref|Arabidopsis thaliana cathepsin B (AT4G01610) mRNA, complete cds [NM_116392]
AT4G37990	2.05	0.00370776	0.05689338	0.01223618	0.27500994	NM_119960	ref|Arabidopsis thaliana Receptor-like protein kinase (AT5G59670) mRNA, complete cds [NM_125359]
AT4G38160	-2.27	0.0005473	0.01626067	0.00251548	0.20132743	NM_119977	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT5G59680) mRNA, complete cds [NM_125360]
AT4G38225	-2.03	0.00115529	0.02729478	0.00825697	0.32925926	NM_202976	ref|Arabidopsis thaliana transcription factor MYB59 (MYB59) mRNA, complete cds [NM_180894]
AT4G38260	2.15	0.00497081	0.06922701	0.00972269	0.23373737	NM_119988	ref|Arabidopsis thaliana class II chitinase-like protein (AT4G01700) mRNA, complete cds [NM_116400]
AT4G38540	7.97	0.00004524	0.00268845	0.00004644	0.00558511	NM_120015	ref|Arabidopsis thaliana putative WRKY transcription factor 47 (WRKY47) mRNA, complete cds [NM_116402]
AT4G38550	4.1	0.0002649	0.00985923	0.00053892	0.03120359	NM_120016	ref|Arabidopsis thaliana rhamnogalacturonan xylosyltransferase 2 (RGXT2) mRNA, complete cds [NM_116405]
AT4G38560	15.51	0.00000037	0.00013967	0.00000199	0.000625	NM_0010850	ref|Arabidopsis thaliana tolB-related protein (AT4G01870) mRNA, complete cds [NM_116417]
AT4G38690	-2.68	0.00213574	0.04019067	0.00029213	0.07635838	NM_120030	ref|Arabidopsis thaliana pectinesterase 41 (ATPMEPCRB) mRNA, complete cds [NM_116466]
AT4G38730	-2.24	0.0004169	0.01343839	0.00320588	0.21865762	NM_120033	ref|Arabidopsis thaliana C2H2-type zinc finger protein (RHL41) mRNA, complete cds [NM_125374]
AT4G38770	-2.19	0.0019292	0.0376514	0.00361146	0.22969058	NM_120037	ref|Arabidopsis thaliana senescence-associated protein (SAG21) mRNA, complete cds [NM_001084877]
AT4G38840	-3.33	0.00001948	0.00148064	0.00001835	0.01296875	NM_120044	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G02410) mRNA, complete cds [NM_116474]
AT4G39030	6.35	0.00001372	0.00115968	0.00009885	0.0096129	NM_120063	ref|Arabidopsis thaliana glutathione S-transferase PM24 (GSTF2) mRNA, complete cds [NM_116486]
AT4G39070	2.24	0.00038699	0.01285805	0.00714109	0.19017668	NM_120067	ref|Arabidopsis thaliana protein kinase family protein (AT4G02630) mRNA, complete cds [NM_116497]
AT4G39230	2.05	0.00098184	0.02459238	0.01065215	0.24778292	NM_120083	ref|Arabidopsis thaliana phenazine biosynthesis PhzC/PhzF family protein (AT4G02850) mRNA, complete cds [NM_116519]

AT4G39270	5.09	0.00002376	0.00169341	0.00019792	0.01553819	NM_202984	ref|Arabidopsis thaliana oxidoreductase AOP1 (AOP1) mRNA, complete cds [NM_116541]
AT4G39580	4.57	0.00004368	0.00261978	0.00031756	0.02127407	NM_120118	ref|Arabidopsis thaliana translocon at the inner envelope membrane of chloroplasts 20-IV (tic20-IV) mRNA, complete cds [NM_116570]
AT4G39670	23.93	0.00000136	0.00026433	0	0	NM_120127	ref|Arabidopsis thaliana putative protein phosphatase 2C 52 (AT4G03415) mRNA, complete cds [NM_148206]
AT4G39780	2.67	0.00075292	0.02050441	0.00313644	0.10777356	NM_120141	ref|Arabidopsis thaliana uncharacterized protein (AT4G03420) mRNA, complete cds [NM_116580]
AT4G39830	18.17	0.00000003	0.00008493	0.00000088	0.00037037	NM_120146	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G03450) mRNA, complete cds [NM_116583]
AT4G39890	3.19	0.00070178	0.0195373	0.00143012	0.06206334	NM_120152	ref|Arabidopsis thaliana thioredoxin M2 (ATHM2) mRNA, complete cds [NM_001160731]
AT4G39940	7.17	0.00000141	0.00027093	0.00005484	0.00631043	NM_120157	ref|Arabidopsis thaliana putative plastid-lipid-associated protein 1 (FIB) mRNA, complete cds [NM_116640]
AT4G39950	15.54	0.00001663	0.00133072	0.00000177	0.00057143	NM_120158	ref|Arabidopsis thaliana receptor like protein 46 (RLP46) mRNA, complete cds [NM_116660]
AT4G39955	2.38	0.00087296	0.02260893	0.00527134	0.15319409	NM_120159	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 36 (CRK36) mRNA, complete cds [NM_116687]
AT4G39980	3.12	0.00003686	0.00227377	0.00140933	0.06163443	NM_120162	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 40 (CRK40) mRNA, complete cds [NM_116695]
AT4G40020	2.15	0.00099382	0.02480169	0.00813025	0.20736041	NM_120166	ref|Arabidopsis thaliana 5'-adenylylsulfate reductase 1 (APR1) mRNA, complete cds [NM_116699]
AT5G01015	-3.7	0.00005956	0.00327252	0.00000531	0.008	NM_120178	ref|Arabidopsis thaliana calcium-dependent protein kinase 31 (CPK31) mRNA, complete cds [NM_148230]
AT5G01075	-2.06	0.00102573	0.02527719	0.00684122	0.31280081	NM_120185	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B5 (MSRB5) mRNA, complete cds [NM_001203745]
AT5G01100	4.25	0.00005295	0.00300051	0.0003651	0.02351852	NM_120188	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B6 (MSRB6) mRNA, complete cds [NM_116722]
AT5G01210	2.08	0.00834966	0.09509678	0.01133636	0.26048272	NM_120199	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT5G60280) mRNA, complete cds [NM_125421]
AT5G01240	-2.33	0.0033406	0.05313466	0.00165436	0.17519906	NM_120202	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G04960) mRNA, complete cds [NM_116735]
AT5G01520	-2.29	0.00032937	0.01142173	0.0023326	0.19605948	NM_202992	ref|Arabidopsis thaliana NAD(P)H dehydrogenase B2 (NDB2) mRNA, complete cds [NM_001203749]
AT5G01540	13.09	0.00000205	0.00032388	0.00000553	0.00129534	NM_120232	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G05040) mRNA, complete cds [NM_116743]
AT5G01550	9.17	0.00005647	0.00313336	0.0000241	0.00362126	NM_120233	ref|Arabidopsis thaliana equilibrative nucleoside transporter 6 (ENT6) mRNA, complete cds [NM_116750]
AT5G01560	2.63	0.00045403	0.01434732	0.00343277	0.11380499	NM_120234	ref|Arabidopsis thaliana SPla/RYanodine receptor (SPRY) domain-containing protein (AT4G06536) mRNA, complete cds [NM_178981]
AT5G01610	2.15	0.00059958	0.01746986	0.00829323	0.20904125	NM_120239	ref|Arabidopsis thaliana ethylene-responsive transcription factor RAP2-9 (RAP2.9) mRNA, complete cds [NM_179009]
AT5G01670	2.59	0.00018885	0.00763834	0.00312406	0.1075933	NM_120245	ref|Arabidopsis thaliana DHBP synthase RibB-like alpha/beta domain-containing protein (AT5G60590) mRNA, complete cds [NM_125452]
AT5G01732	3.71	0.00003971	0.00241847	0.00069659	0.0375	AK230062	ref|Arabidopsis thaliana nodulin MtN21 /EamA-like transporter family protein (AT4G08300) mRNA, complete cds [NM_116899]
AT5G01740	-2.55	0.00127045	0.02902963	0.00056126	0.10401639	NM_120252	ref|Arabidopsis thaliana MAPK/ERK kinase kinase 3 (MEKK3) mRNA, complete cds [NM_116916]
AT5G01790	-2.21	0.00561574	0.0745578	0.00229611	0.19739544	NM_120257	ref|Arabidopsis thaliana uncharacterized protein (AT4G08555) mRNA, complete cds [NM_179014]
AT5G01830	2.81	0.00063163	0.01816949	0.00260372	0.09541329	NM_120261	ref|Arabidopsis thaliana putative purine permease 13 (ATPUP13) mRNA, complete cds [NM_116940]
AT5G01850	3.63	0.00005471	0.00306921	0.00077886	0.04076389	NM_120263	ref|Arabidopsis thaliana peroxidase 37 (AT4G08770) mRNA, complete cds [NM_116947]
AT5G01900	3.34	0.0002785	0.01017268	0.00115524	0.05357949	NM_120268	ref|Arabidopsis thaliana peroxidase 38 (AT4G08780) mRNA, complete cds [NM_116948]
AT5G01950	2.99	0.00004611	0.00272548	0.00153627	0.06529135	NM_120273	ref|Arabidopsis thaliana uncharacterized protein (AT5G60630) mRNA, complete cds [NM_125456]
AT5G02160	-2.45	0.00047918	0.01481191	0.00113578	0.14716332	NM_120294	ref|Arabidopsis thaliana Leucine-rich repeat-containing protein (AT4G08850) mRNA, complete cds [NM_116955]
AT5G02230	-2.9	0.00006237	0.00339386	0.00014175	0.04856061	NM_120301	ref|Arabidopsis thaliana uncharacterized protein (AT4G09060) mRNA, complete cds [NM_116975]
AT5G02290	2.44	0.0012895	0.02930213	0.00473861	0.14275816	NM_120307	ref|Arabidopsis thaliana chaperone DnaJ-domain containing protein (AT4G09350) mRNA, complete cds [NM_117003]
AT5G02490	4.55	0.00008049	0.0040992	0.00033105	0.02195015	NM_120327	ref|Arabidopsis thaliana calcium-dependent protein kinase 4 (CPK4) mRNA, complete cds [NM_117025]
AT5G02690	2.02	0.00210324	0.03984444	0.01196263	0.270475	NM_120347	ref|Arabidopsis thaliana uncharacterized protein (AT5G60720) mRNA, complete cds [NM_125465]
AT5G02760	-3.94	0.00002814	0.00188543	0.00000133	0.003	NM_120354	ref|Arabidopsis thaliana oligopeptide transporter 7 (OPT7) mRNA, complete cds [NM_117145]
AT5G02780	15.93	0.00000006	0.0000859	0.00000133	0.00046512	NM_120356	ref|Arabidopsis thaliana UDP-D-glucose/UDP-D-galactose 4-epimerase 5 (UGE5) mRNA, complete cds [NM_117166]
AT5G02890	-2.02	0.0017888	0.03595092	0.00804047	0.32933877	NM_120367	ref|Arabidopsis thaliana uncharacterized protein (AT4G10970) mRNA, complete cds [NM_001160748]
AT5G03040	-2.06	0.00147447	0.03193275	0.00733348	0.31825336	NM_120382	ref|Arabidopsis thaliana RAB GTPase homolog A1F (RABA1f) mRNA, complete cds [NM_125479]
AT5G03120	-3.09	0.00005311	0.00300593	0.0000617	0.03032609	NM_120390	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G11000) mRNA, complete cds [NM_117170]
AT5G03130	-2.36	0.00241214	0.04325106	0.00122446	0.1529558	NM_120391	ref|Arabidopsis thaliana myb domain protein 34 (MYB34) mRNA, complete cds [NM_125482]
AT5G03350	10.09	0.0000001	0.00009335	0.0000146	0.00249057	NM_120414	ref|Arabidopsis thaliana putative WRKY transcription factor 41 (WRKY41) mRNA, complete cds [NM_117177]
AT5G03490	2.08	0.00064302	0.01835693	0.01007121	0.23881489	NM_120429	ref|Arabidopsis thaliana putative disease resistance protein (AT4G11170) mRNA, complete cds [NM_117187]
AT5G03610	2.06	0.00247683	0.04399142	0.01134211	0.26048248	NM_120442	ref|Arabidopsis thaliana uncharacterized protein (AT4G11211) mRNA, complete cds [NM_202805]
AT5G03630	4.66	0.00012775	0.00582938	0.00028284	0.01982946	NM_120444	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 6 (ACS6) mRNA, complete cds [NM_117199]
AT5G04340	19.22	0.00000025	0.00011741	0.00000088	0.00042105	NM_120516	ref|Arabidopsis thaliana peroxidase 39 (AT4G11290) mRNA, complete cds [NM_117200]
AT5G04770	-2.15	0.00163207	0.03404438	0.00458425	0.26010038	NM_120559	ref|Arabidopsis thaliana receptor-like protein kinase 1 (RLK1) mRNA, complete cds [NM_125483]
AT5G04820	-2.32	0.0004525	0.01431924	0.00230893	0.1962594	NM_120564	ref|Arabidopsis thaliana RING-H2 zinc finger protein RHA1a (RHA1A) mRNA, complete cds [NM_117208]
AT5G04930	3.69	0.00003558	0.00221318	0.00061101	0.03406905	NM_120575	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 31 (CRK31) mRNA, complete cds [NM_117218]
AT5G05190	2.78	0.00013181	0.00593106	0.0022981	0.08703518	NM_120601	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 34 (AT4G11521) mRNA, complete cds [NM_001160749]
AT5G05300	24.08	0.00000003	0.00008493	0	0	NM_120612	ref|Arabidopsis thaliana osmotin-like protein OSM34 (OSM34) mRNA, complete cds [NM_117234]
AT5G05340	3	0.00053791	0.01603435	0.00198386	0.07862401	NM_120616	ref|Arabidopsis thaliana phospholipase D gamma 3 (PLDGAMMA3) mRNA, complete cds [NM_117254]
AT5G05460	4.51	0.00008241	0.00418225	0.00034476	0.02256151	NM_120628	ref|Arabidopsis thaliana phospholipase D gamma 1 (PLDGAMMA1) mRNA, complete cds [NM_117255]
AT5G05590	2.79	0.00016504	0.00692144	0.00222888	0.08491154	NM_0011237	ref|Arabidopsis thaliana protein kinase family protein (AT4G11890) mRNA, complete cds [NM_117259]
AT5G05600	5.17	0.00008481	0.0042705	0.00021318	0.01628378	NM_120642	ref|Arabidopsis thaliana copper amine oxidase family protein (AT4G12290) mRNA, complete cds [NM_117299]
AT5G05730	5	0.00000411	0.00049454	0.00019306	0.01534271	NM_0012033	ref|Arabidopsis thaliana Monocopper oxidase-like protein SKU5 (SKU5) mRNA, complete cds [NM_117312]
AT5G05890	-2.95	0.00028255	0.01026257	0.00011101	0.04183333	NM_120671	ref|Arabidopsis thaliana azelaic acid induced 1 (AZI1) mRNA, complete cds [NM_117317]
AT5G06270	-2.93	0.0023613	0.04281404	0.00011544	0.04176	NM_120710	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (pEARLI 1) mRNA, complete cds [NM_
AT5G06320	6.93	0.00000322	0.00043258	0.0000659	0.00714628	NM_120715	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT4G12490) mRNA, complete cds [N
AT5G06570	5.3	0.00015785	0.00672132	0.00021075	0.0162628	NM_120740	ref|Arabidopsis thaliana bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin-like protein (AT4G12500) mRNA, complete cds [N
AT5G06670	-2.18	0.00786099	0.09183005	0.0026663	0.20610256	NM_120750	ref|Arabidopsis thaliana COBRA-like protein 5 (COBL5) mRNA, complete cds [NM_125488]
AT5G06730	2.61	0.00020182	0.00804086	0.00344759	0.11404535	NM_120756	ref|Arabidopsis thaliana nudix hydrolase 7 (NUDT7) mRNA, complete cds [NM_179036]
AT5G06740	2.98	0.00049627	0.0150816	0.00199757	0.07875327	NM_120757	ref|Arabidopsis thaliana fasciclin-like arabinogalactan protein 2 (FLA2) mRNA, complete cds [NM_117342]
AT5G06750	2.02	0.00184427	0.03661007	0.01243697	0.2777284	NM_0011257	ref|Arabidopsis thaliana hydrolase, alpha/beta fold family protein (AT4G12830) mRNA, complete cds [NM_117352]
AT5G06860	6.38	0.00001384	0.00116335	0.00009863	0.00961207	NM_120769	ref|Arabidopsis thaliana early nodulin-like protein 19 (ENODL19) mRNA, complete cds [NM_001203782]
AT5G06930	-2.28	0.00132404	0.02977272	0.00230341	0.1965283	NM_120775	ref|Arabidopsis thaliana exocyst complex component 7 (EXO70E2) mRNA, complete cds [NM_125494]
AT5G07100	2.25	0.00022751	0.00881582	0.00639717	0.1767135	NM_203017	ref|Arabidopsis thaliana Gamma interferon responsive lysosomal thiol (GILT) reductase family protein (AT4G12900) mRNA, complete cds [NM
AT5G07150	2.43	0.00349251	0.05470429	0.00580761	0.16454887	NM_120797	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTSIL58ZA07 of Silique of strain col-0 of Arabidopsis thaliana (th
AT5G08240	19.24	0.00000075	0.00019343	0.00000088	0.00041667	NM_120907	ref|Arabidopsis thaliana putative auxin-responsive protein (AT4G12980) mRNA, complete cds [NM_117367]
AT5G08300	2.53	0.00056319	0.01659109	0.00411389	0.12856254	NM_120913	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT4G13180) mRNA, complete cds [NM_117387]
AT5G08760	6.33	0.00001939	0.0014759	0.00010526	0.01004219	NM_0010850	ref|Arabidopsis thaliana protein rotundifolia like 12 (RTFL12) mRNA, complete cds [NM_001084915]
AT5G08790	9.33	0.00002499	0.00173862	0.00002565	0.00381579	NM_147856	ref|Arabidopsis thaliana ammonium transporter 1;1 (AMT1;1) mRNA, complete cds [NM_117425]
AT5G09290	6.45	0.00000152	0.0002752	0.00008027	0.00821267	NM_120965	ref|Arabidopsis thaliana uncharacterized protein (AT4G13575) mRNA, complete cds [NM_001125504]
AT5G09420	2.48	0.0001792	0.00737293	0.00399845	0.12661765	NM_120979	ref|Arabidopsis thaliana uncharacterized protein (AT4G13800) mRNA, complete cds [NM_117454]
AT5G09590	2.36	0.00021424	0.0084022	0.0049038	0.14636964	NM_120996	ref|Arabidopsis thaliana histone deacetylase 5 (HDA05) mRNA, complete cds [NM_125499]
AT5G09800	5.41	0.00001235	0.00108267	0.00014772	0.01269962	NM_121017	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT4G13840) mRNA, complete cds [NM_117458]
AT5G10150	-2.55	0.00061896	0.01788459	0.00075984	0.12098592	NM_121053	gb|Arabidopsis thaliana putative disease resistance protein (At4g13900) mRNA, complete cds [BT000466]
AT5G10190	2.28	0.00340755	0.05379439	0.00724215	0.19173888	NM_121057	ref|Arabidopsis thaliana histone deacetylase 18 (HDA18) mRNA, complete cds [NM_125500]
AT5G10250	-3.15	0.00017753	0.00732473	0.00004091	0.02256098	NM_121063	ref|Arabidopsis thaliana receptor like protein 50 (RLP50) mRNA, complete cds [NM_117466]
AT5G10300	2.63	0.0015474	0.03288221	0.003477	0.11493421	NM_121068	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase RHF1A (RHF1A) mRNA, complete cds [NM_117499]
AT5G10380	3.45	0.00020054	0.00799687	0.00100951	0.0490333	NM_121076	ref|Arabidopsis thaliana putative E3 ubiquitin-protein ligase XBAT34 (XBAT34) mRNA, complete cds [NM_117514]
AT5G10520	2.75	0.00025485	0.00958752	0.00263423	0.09598711	NM_121090	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G14370) mRNA, complete cds [NM_117515]
AT5G10620	-2.21	0.0002998	0.01071693	0.00374701	0.23500693	NM_121100	ref|Arabidopsis thaliana ankyrin repeat-containing protein (AT4G14390) mRNA, complete cds [NM_117518]
AT5G10625	2.8	0.00005867	0.00323547	0.00224502	0.08545455	NM_203034	ref|Arabidopsis thaliana ankyrin repeat-containing protein (ACD6) mRNA, complete cds [NM_117519]
AT5G10695	3.94	0.00011615	0.0054317	0.00057939	0.03279099	NM_121107	ref|Arabidopsis thaliana HR-like lesion-inducing protein-like protein (AT4G14420) mRNA, complete cds [NM_117521]
AT5G10740	2.4	0.00051286	0.01547127	0.00517603	0.15129929	NM_121112	ref|Arabidopsis thaliana uncharacterized protein (AT4G14450) mRNA, complete cds [NM_117524]
AT5G10760	7.96	0.00000198	0.00031673	0.00003981	0.00509915	NM_121114	gb|RWM_NL_0171_613 Arabidopsis thaliana Col-0 RACE (RWM_NL_2007) Arabidopsis thaliana cDNA clone RWM_NL_0171 3', mRNA s
AT5G10946	-2	0.00208191	0.03955631	0.01008271	0.35481712	NM_0011257	ref|Arabidopsis thaliana anthocyanin 5-aromatic acyltransferase 1 (AACT1) mRNA, complete cds [NM_125509]
AT5G11210	2.21	0.00083931	0.02204053	0.00752764	0.19630911	NM_121159	ref|Arabidopsis thaliana uncharacterized protein (AT4G14746) mRNA, complete cds [NM_148321]
AT5G11250	2.69	0.00114538	0.02715588	0.00327311	0.11070307	NM_121163	ref|Arabidopsis thaliana cysteine/histidine-rich C1 domain-containing protein (AT4G15070) mRNA, complete cds [NM_117594]
AT5G11420	-2.36	0.00403752	0.06020339	0.00122689	0.15283747	NM_121180	ref|Arabidopsis thaliana ABC transporter G family member 43 (AT4G15236) mRNA, complete cds [NM_148328]
AT5G11590	-3.01	0.00006362	0.00345778	0.0000816	0.03448598	NM_121197	ref|Arabidopsis thaliana uncharacterized protein (AT5G61200) mRNA, complete cds [NM_125513]
AT5G11670	3.54	0.00004694	0.00274959	0.00082839	0.04227991	NM_121205	ref|Arabidopsis thaliana protein RNAse II-like 1 (RTL1) mRNA, complete cds [NM_148331]
AT5G11920	11.11	0.0000017	0.00029315	0.00000862	0.00171053	NM_121230	ref|Arabidopsis thaliana pyruvate, phosphate dikinase 1 (PPDK) mRNA, complete cds [NM_001036570]
AT5G11970	2.31	0.00016762	0.00701196	0.00556811	0.15925996	NM_121235	ref|Arabidopsis thaliana uncharacterized protein (AT4G15610) mRNA, complete cds [NM_117652]
AT5G12050	-3.64	0.00061741	0.01785121	0.00000708	0.00941176	NM_121243	ref|Arabidopsis thaliana RING-H2 finger protein ATL17 (AT4G15975) mRNA, complete cds [NM_117690]
AT5G12340	3.88	0.00060272	0.01752723	0.00074502	0.0394959	NM_121272	ref|Arabidopsis thaliana phytochrome D (PHYD) mRNA, complete cds [NM_117721]
AT5G12420	4.38	0.00006228	0.00339332	0.0003149	0.02115899	NM_121280	ref|Arabidopsis thaliana catalytic/ cation binding / hydrolase (AT4G16260) mRNA, complete cds [NM_117722]
AT5G12900	-2.07	0.00144568	0.0314903	0.00666276	0.30933265	NM_121293	ref|Arabidopsis thaliana SNAP25 homologous protein SNAP33 (SNAP33) mRNA, complete cds [NM_125514]
AT5G12930	4.42	0.00000786	0.00078252	0.00030739	0.02093373	NM_121296	ref|Arabidopsis thaliana metal ion binding protein (AT4G16380) mRNA, complete cds [NM_001125518]
AT5G13080	17.28	0.00000034	0.00013455	0.00000111	0.00043478	NM_121311	ref|Arabidopsis thaliana uncharacterized protein (RGF6) mRNA, complete cds [NM_117750]
AT5G13140	-2.05	0.00050072	0.0151456	0.00765679	0.324803	NM_121317	ref|Arabidopsis thaliana Heparanase-like protein 2 (GUS1) mRNA, complete cds [NM_125518]
AT5G13190	3.33	0.00023604	0.00906416	0.00115878	0.05368852	NM_121322	ref|Arabidopsis thaliana hypoxia up-regulated 1 (AT4G16660) mRNA, complete cds [NM_117767]
AT5G13200	6.25	0.00012981	0.00587585	0.00010615	0.01004184	NM_121323	ref|Arabidopsis thaliana peroxisomal acyl-coenzyme A oxidase 1 (ACX1) mRNA, complete cds [NM_001203815]
AT5G13320	12.66	0.00000442	0.00051778	0.00000509	0.00127072	NM_121335	ref|Arabidopsis thaliana lipase class 3 family protein (PLA-I{beta}2) mRNA, complete cds [NM_117784]
AT5G13330	3.46	0.00790465	0.09219714	0.00180318	0.07365854	NM_121336	ref|Arabidopsis thaliana peptidyl-prolyl cis-trans isomerase (AT4G17070) mRNA, complete cds [NM_117811]
AT5G13420	2.07	0.00055246	0.01638178	0.0101245	0.23957614	NM_121345	ref|Arabidopsis thaliana sugar transport protein 3 (AT5G61520) mRNA, complete cds [NM_001126001]
AT5G13490	3.47	0.00046916	0.01462122	0.00103782	0.04992553	NM_121352	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT4G17215) mRNA, complete cds [NM_117826]
AT5G13860	2.22	0.00078479	0.02104874	0.00756015	0.19658999	NM_121389	ref|Arabidopsis thaliana protein scarecrow-like 13 (SCL13) mRNA, complete cds [NM_117828]
AT5G14090	-2	0.00274608	0.04663082	0.00836776	0.32903478	NM_121412	ref|Arabidopsis thaliana U-box domain-containing protein 51 (AT5G61560) mRNA, complete cds [NM_001203660]
AT5G14330	2.85	0.00240824	0.04323172	0.00247921	0.09166803	NM_121437	ref|Arabidopsis thaliana putative aquaporin TIP2-2 (TIP2;2) mRNA, complete cds [NM_117838]
AT5G14410	-2.25	0.00115955	0.02738117	0.00249248	0.2005516	NM_121445	ref|Arabidopsis thaliana Formyl transferase (AT4G17360) mRNA, complete cds [NM_117840]
AT5G14690	-2.16	0.00158188	0.03336414	0.00437749	0.25378205	NM_121473	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF104 (ERF104) mRNA, complete cds [NM_125553]
AT5G14700	2.93	0.00308352	0.05040754	0.00254047	0.0937031	NM_121474	ref|Arabidopsis thaliana oleosin-like protein (AT5G61610) mRNA, complete cds [NM_125555]
AT5G14730	2.59	0.00070208	0.0195373	0.00365126	0.11886969	NM_121477	ref|Arabidopsis thaliana ethylene-responsive transcription factor 6 (ERF6) mRNA, complete cds [NM_117854]
AT5G14930	2.7	0.00090574	0.02323175	0.00299668	0.10423846	NM_0010851	ref|Arabidopsis thaliana ethylene-responsive transcription factor 1A (ERF-1) mRNA, complete cds [NM_117855]
AT5G15160	-2.05	0.00277207	0.04690064	0.00594958	0.29467689	NM_121520	ref|Arabidopsis thaliana calnexin 1 (CNX1) mRNA, complete cds [NM_125573]
AT5G15210	-2.26	0.00210427	0.03984719	0.0022218	0.19546693	NM_121525	ref|Arabidopsis thaliana Mitochondrial substrate carrier family protein (AT5G61810) mRNA, complete cds [NM_125575]
AT5G15230	-2.24	0.0017357	0.03525985	0.00254931	0.20224561	NM_121527	ref|Arabidopsis thaliana protein kinase family protein (AT4G17660) mRNA, complete cds [NM_117874]
AT5G15410	-2.05	0.00694845	0.08498991	0.00576095	0.29074777	NM_203054	ref|Arabidopsis thaliana RNA recognition motif-containing protein (AT4G17720) mRNA, complete cds [NM_117881]

AT5G15530	-2.13	0.00724256	0.08701284	0.00387196	0.23919399	NM_121557	ref|Arabidopsis thaliana alpha,alpha-trehalose-phosphate synthase [UDP-forming] 5 (TPS5) mRNA, complete cds [NM_117886]
AT5G15780	-2.72	0.00009072	0.00451425	0.00035935	0.08643617	NM_121583	ref|Arabidopsis thaliana C2H2 and C2HC zinc finger-containing protein (AT4G17810) mRNA, complete cds [NM_117891]
AT5G15860	2.25	0.00095785	0.0242356	0.00735515	0.19393586	NM_203057	ref|Arabidopsis thaliana acetylornithine deacetylase (AT4G17830) mRNA, complete cds [NM_001203829]
AT5G15870	3.18	0.00003179	0.00204456	0.00123043	0.0559196	NM_121592	ref|Arabidopsis thaliana PLATZ transcription factor family protein (AT4G17900) mRNA, complete cds [NM_117900]
AT5G15960	-3.35	0.00047388	0.01472764	0.00002499	0.01591549	NM_121601	ref|Arabidopsis thaliana Type I inositol-1,4,5-trisphosphate 5-phosphatase 2 (5PTASE2) mRNA, complete cds [NM_179071]
AT5G15970	-2.52	0.00066632	0.01883178	0.000682	0.11726236	NM_121602	ref|Arabidopsis thaliana WRKY DNA-binding protein 28 (WRKY28) mRNA, complete cds [NM_117927]
AT5G16030	-2.26	0.00244177	0.04359138	0.00228151	0.19726577	NM_0010368	ref|Arabidopsis thaliana purine permease 8 (PUP8) mRNA, complete cds [NM_001036585]
AT5G16080	3.46	0.00182205	0.03632845	0.00119239	0.0546856	NM_121613	ref|Arabidopsis thaliana purine permease 7 (PUP7) mRNA, complete cds [NM_001036586]
AT5G16170	5.84	0.00000819	0.00080115	0.00011632	0.01064777	NM_121622	ref|Arabidopsis thaliana putative purine permease 21 (AT4G18205) mRNA, complete cds [NM_001036587]
AT5G16400	-2.17	0.00063833	0.01829233	0.00416519	0.24815547	NM_121645	ref|Arabidopsis thaliana purine permease 10 (PUP10) mRNA, complete cds [NM_117931]
AT5G16540	-2.45	0.00049874	0.01510587	0.00105285	0.14471125	NM_121660	ref|Arabidopsis thaliana putative receptor serine/threonine kinase (AT4G18250) mRNA, complete cds [NM_117935]
AT5G16590	-2.25	0.00138438	0.03062703	0.00243587	0.20027273	NM_121665	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF114 (AT5G61890) mRNA, complete cds [NM_125582]
AT5G16610	-2.04	0.00094211	0.02393382	0.00852587	0.33179002	NM_203062	ref|Arabidopsis thaliana calcium-dependent phospholipid-binding copine-like protein (BON1) mRNA, complete cds [NM_203248]
AT5G17060	2.1	0.00090143	0.02314754	0.01035449	0.24348934	NM_121712	ref|Arabidopsis thaliana heat stress transcription factor B-2a (HSFB2A) mRNA, complete cds [NM_125595]
AT5G17165	-2.21	0.00312864	0.05079963	0.00308757	0.21613003	NM_0010851	ref|Arabidopsis thaliana BCL-2-associated athanogene 2 (BAG2) mRNA, complete cds [NM_180915]
AT5G17220	2.08	0.00813959	0.09370476	0.01230739	0.27619851	NM_121728	ref|Arabidopsis thaliana (S)-2-hydroxy-acid oxidase (AT4G18360) mRNA, complete cds [NM_001084937]
AT5G17330	2.24	0.0047895	0.06747073	0.00765436	0.1983553	NM_121739	ref|Arabidopsis thaliana uncharacterized protein (AT5G62140) mRNA, complete cds [NM_125607]
AT5G17350	9.23	0.00002212	0.00161624	0.00002234	0.00341216	NM_121741	ref|Arabidopsis thaliana protease Do-like 5 (DEG5) mRNA, complete cds [NM_117947]
AT5G17380	2.3	0.00158485	0.03341105	0.00650243	0.17853066	NM_121744	ref|Arabidopsis thaliana transcription factor TCP2 (TCP2) mRNA, complete cds [NM_001084938]
AT5G17460	-2.08	0.0014582	0.03170191	0.00582817	0.29218404	NM_121752	ref|Arabidopsis thaliana peptidoglycan-binding LysM domain-containing protein (AT5G62150) mRNA, complete cds [NM_125608]
AT5G17760	4.1	0.00001757	0.00137954	0.00041088	0.02545205	NM_121782	ref|Arabidopsis thaliana RAB GTPase homolog A1E (RABA1e) mRNA, complete cds [NM_117956]
AT5G17860	5	0.00022211	0.0086661	0.00023485	0.01755372	NM_121792	ref|Arabidopsis thaliana uncharacterized protein (AT4G18570) mRNA, complete cds [NM_117970]
AT5G17990	5.36	0.00005639	0.00313262	0.0001904	0.01526596	NM_121804	ref|Arabidopsis thaliana leucine-rich repeat extensin-like protein 5 (AT4G18670) mRNA, complete cds [NM_117983]
AT5G18010	-2.86	0.00018712	0.00760927	0.00015524	0.0505036	NM_121806	ref|Arabidopsis thaliana Rho termination factor (AT4G18740) mRNA, complete cds [NM_001203834]
AT5G18020	-6.98	0.00000039	0.00013983	0	0	NM_121807	ref|Arabidopsis thaliana ovate family protein 5 (OFP5) mRNA, complete cds [NM_117999]
AT5G18030	-4.55	0.00001705	0.00135236	0.00000066	0.00272727	NM_121808	ref|Arabidopsis thaliana heat stress transcription factor A-4a (HSF A4A) mRNA, complete cds [NM_118004]
AT5G18050	-3.35	0.0002511	0.00948608	0.00001835	0.0131746	NM_121810	ref|Arabidopsis thaliana putative carotenoid cleavage dioxygenase 4 (NCED4) mRNA, complete cds [NM_118036]
AT5G18060	-3.57	0.00001082	0.00098461	0.00000907	0.0097619	NM_121811	ref|Arabidopsis thaliana uncharacterized protein (AT4G19370) mRNA, complete cds [NM_118057]
AT5G18080	-3.3	0.00005049	0.00288618	0.000023	0.01529412	NM_121813	tc|Rep: Resistance protein RPP5-like - Arabidopsis thaliana (Mouse-ear cress), partial (35%) [TC395781]
AT5G18150	3.25	0.00017612	0.00729624	0.00112141	0.05282292	NM_121820	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G19520) mRNA, complete cds [NM_118072]
AT5G18310	2.54	0.00009861	0.00478979	0.00342238	0.11396171	NM_180512	ref|Arabidopsis thaliana Glycosyl hydrolase family protein with chitinase insertion domain (AT4G19810) mRNA, complete cds [NM_118101]
AT5G18400	2.13	0.00180254	0.03606673	0.00947634	0.2300161	NM_0010851	ref|Arabidopsis thaliana Intracellular chloride channel-like protein (AT4G19880) mRNA, complete cds [NM_118108]
AT5G18470	23.75	0.00000058	0.00016963	0	0	NM_121852	ref|Arabidopsis thaliana uncharacterized protein (AT4G19970) mRNA, complete cds [NM_118115]
AT5G18480	3	0.00076213	0.02066155	0.00197258	0.07831431	NM_121853	ref|Arabidopsis thaliana VQ motif-containing protein (AT4G20000) mRNA, complete cds [NM_118119]
AT5G18490	2.65	0.00008356	0.00422639	0.00292592	0.10280497	NM_121854	ref|Arabidopsis thaliana allantoate deiminase (AAH) mRNA, complete cds [NM_118126]
AT5G18660	-2.07	0.00094549	0.02399276	0.00670124	0.31048156	NM_121871	ref|Arabidopsis thaliana carboxyesterase 20 (CXE20) mRNA, complete cds [NM_125612]
AT5G18780	2.41	0.00013664	0.00608166	0.00458094	0.13930733	NM_121883	ref|Arabidopsis thaliana vacuolar-sorting receptor 7 (VSR7) mRNA, complete cds [NM_001203848]
AT5G19230	7.15	0.00001335	0.0011344	0.00006546	0.00711538	NM_121928	ref|Arabidopsis thaliana LRR receptor-like serine/threonine-protein kinase GSO1 (GSO1) mRNA, complete cds [NM_118133]
AT5G19240	17.87	0.00000818	0.00080115	0.00000111	0.00044248	NM_121929	ref|Arabidopsis thaliana calcium-binding protein CML42 (CML42) mRNA, complete cds [NM_118196]
AT5G19250	2.51	0.00048385	0.01490698	0.00394737	0.12561576	NM_121930	ref|Arabidopsis thaliana Dof zinc finger protein DOF5.5 (CDF1) mRNA, complete cds [NM_125637]
AT5G19580	-2.08	0.00470786	0.06665289	0.00536289	0.28003464	NM_121963	ref|Arabidopsis thaliana glutathione S-transferase tau 9 (GSTU9) mRNA, complete cds [NM_125642]
AT5G19690	3.22	0.00020644	0.00819887	0.00115215	0.05349076	NM_121974	ref|Arabidopsis thaliana calmodulin binding protein-like protein (AT5G62570) mRNA, complete cds [NM_125651]
AT5G19800	3.56	0.00216557	0.04057899	0.00097567	0.04785249	NM_121985	ref|Arabidopsis thaliana Reticuline oxidase-like protein (AT4G20830) mRNA, complete cds [NM_202851]
AT5G19880	4.15	0.00000609	0.00065466	0.00041088	0.02541724	NM_121995	ref|Arabidopsis thaliana FAD-binding and BBE domain-containing protein (AT4G20860) mRNA, complete cds [NM_118204]
AT5G19930	2.2	0.00084291	0.02210919	0.00757895	0.19696552	NM_0012034	ref|Arabidopsis thaliana amino acid transporter 1 (AAT1) mRNA, complete cds [NM_118231]
AT5G19980	2.47	0.00027942	0.01018998	0.00416785	0.12988973	NM_122005	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (emb1417) mRNA, complete cds [NM_118238]
AT5G20230	15.5	0.00003975	0.00241847	0.00000177	0.00056738	NM_122030	ref|Arabidopsis thaliana protein kinase family protein (AT4G21366) mRNA, complete cds [NM_148366]
AT5G20270	-2.04	0.00115458	0.02729478	0.00780938	0.32577491	NM_122034	ref|Arabidopsis thaliana receptor kinase 3 (RK3) mRNA, complete cds [NM_118258]
AT5G20400	2.91	0.00037478	0.01252593	0.00190137	0.07656278	NM_122047	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (B120) mRNA, complete cds [NM_118259]
AT5G20480	4.08	0.00461073	0.06568497	0.00068952	0.03729665	NM_122055	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 28 (CRK28) mRNA, complete cds [NM_118260]
AT5G20960	5.73	0.00000071	0.00018711	0.00011743	0.01072727	NM_122105	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 29 (CRK29) mRNA, complete cds [NM_118261]
AT5G21430	-2.18	0.00056294	0.01659109	0.00384586	0.23823288	NM_180531	ref|Arabidopsis thaliana F-box protein SKIP27 (AT4G21510) mRNA, complete cds [NM_118271]
AT5G21900	2.14	0.00505035	0.06996845	0.01017161	0.24018799	NM_147873	ref|Arabidopsis thaliana vacuolar protein sorting-associated protein 28-1 (VPS28-1) mRNA, complete cds [NM_202856]
AT5G21940	3.65	0.00003749	0.00230326	0.00065259	0.03581311	NM_147877	ref|Arabidopsis thaliana putative NADPH quinone oxidoreductase (AT4G21580) mRNA, complete cds [NM_001084950]
AT5G22060	2.56	0.00132226	0.02977272	0.00386356	0.12364473	NM_122127	ref|Arabidopsis thaliana H(+)-ATPase 11 (HA11) mRNA, complete cds [NM_125662]
AT5G22250	7.01	0.00000038	0.00013967	0.00006126	0.0068059	NM_122130	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B7 (MSRB7) mRNA, complete cds [NM_118303]
AT5G22270	2.41	0.00028585	0.01034386	0.00461499	0.13996647	NM_122132	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B8 (MSRB8) mRNA, complete cds [NM_118304]
AT5G22300	4.83	0.00050997	0.01539442	0.00030186	0.0207132	NM_122135	ref|Arabidopsis thaliana peptide methionine sulfoxide reductase B9 (MSRB9) mRNA, complete cds [NM_179087]
AT5G22520	17.68	0.0000021	0.00032921	0.00000088	0.00036697	NM_122157	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT4G21903) mRNA, complete cds [NM_001125553]
AT5G22530	6.59	0.00000866	0.00083165	0.00007497	0.00788372	NM_122158	ref|Arabidopsis thaliana uncharacterized protein (AT4G21920) mRNA, complete cds [NM_118313]
AT5G22540	4.01	0.00001165	0.00104129	0.00049005	0.02911958	NM_122159	ref|Arabidopsis thaliana autophagy-related protein 8a (APG8A) mRNA, complete cds [NM_001084955]
AT5G22570	21.93	0.00000008	0.00009252	0	0	NM_122163	ref|Arabidopsis thaliana 5'-adenylylsulfate reductase 3 (APR3) mRNA, complete cds [NM_118320]
AT5G22690	2.75	0.00371082	0.05691672	0.00299558	0.10428022	NM_122175	ref|Arabidopsis thaliana HPP integral membrane domain-containing protein (AT5G62720) mRNA, complete cds [NM_203254]
AT5G23060	-2.2	0.00049793	0.01510587	0.00360172	0.23069405	NM_122212	ref|Arabidopsis thaliana phosphoglycerate mutase-like protein (AT5G62840) mRNA, complete cds [NM_125679]
AT5G23510	2.87	0.00006066	0.00331696	0.0019927	0.07869869	NM_0011257	ref|Arabidopsis thaliana protein SKU5 similar 4 (sks4) mRNA, complete cds [NM_118322]
AT5G23750	-3.61	0.0001849	0.00753945	0.00000708	0.00914286	NM_122280	ref|Arabidopsis thaliana S-adenosyl-L-methionine-dependent methyltransferase domain-containing protein (AT4G22530) mRNA, complete cds [1
AT5G23850	2.96	0.00036212	0.0121837	0.00199558	0.07874346	NM_122290	ref|Arabidopsis thaliana cytochrome P450, family 706, subfamily A, polypeptide 1 (CYP706A1) mRNA, complete cds [NM_118395]
AT5G24090	8.18	0.00000154	0.00027558	0.00003582	0.00473684	NM_122314	ref|Arabidopsis thaliana cytochrome P450, family 706, subfamily A, polypeptide 2 (CYP706A2) mRNA, complete cds [NM_118397]
AT5G24105	-3.48	0.00014232	0.00628551	0.0000115	0.01130435	NM_203099	ref|Arabidopsis thaliana ACT domain repeat 7 protein (ACR7) mRNA, complete cds [NM_118407]
AT5G24110	15.35	0.00000024	0.00011737	0.00000243	0.00075342	NM_122316	ref|Arabidopsis thaliana Cell cycle regulated microtubule associated protein (AT4G22860) mRNA, complete cds [NM_001084961]
AT5G24155	-3.35	0.00009635	0.00471042	0.00001747	0.01274194	NM_147909	ref|Arabidopsis thaliana SPX domain-containing membrane protein (AT4G22990) mRNA, complete cds [NM_001203876]
AT5G24200	4.45	0.00010942	0.00518633	0.00037085	0.02365303	NM_122326	ref|Arabidopsis thaliana UDP-galactose transporter 2 (UTR2) mRNA, complete cds [NM_001203877]
AT5G24210	5.29	0.00004425	0.0026501	0.00018045	0.01489051	NM_122327	ref|Arabidopsis thaliana mate efflux domain-containing protein (AT4G23030) mRNA, complete cds [NM_118432]
AT5G24420	-2.29	0.00033221	0.01145512	0.00245909	0.20072202	NM_122350	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 5 (CRK5) mRNA, complete cds [NM_179094]
AT5G24530	4.95	0.00000356	0.00045311	0.00019261	0.01541593	NM_122361	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 6 (CRK6) mRNA, complete cds [NM_179095]
AT5G24590	2.09	0.00579707	0.07587363	0.01190734	0.26949449	NM_122367	ref|Arabidopsis thaliana two-component response regulator ARR6 (ARR6) mRNA, complete cds [NM_125686]
AT5G24760	2.26	0.00187383	0.03698269	0.00677996	0.18391722	NM_0010851	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 7 (CRK7) mRNA, complete cds [NM_118444]
AT5G24810	3.45	0.00010648	0.00508472	0.00097678	0.04785482	NM_0012034	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 9 (EP1) mRNA, complete cds [NM_118446]
AT5G24910	2.32	0.0042926	0.06288021	0.00699248	0.18743331	NM_122400	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 10 (CRK10) mRNA, complete cds [NM_118447]
AT5G25090	-2.26	0.00698126	0.08516125	0.00185913	0.18157667	NM_122418	ref|Arabidopsis thaliana octicosapeptide/Phox/Bem1p domain-containing protein (AT5G63130) mRNA, complete cds [NM_125707]
AT5G25240	-2.1	0.00350034	0.05475109	0.00524635	0.2784507	NM_122433	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 11 (CRK11) mRNA, complete cds [NM_118448]
AT5G25250	41.96	0.00000004	0.0000859	0	0	NM_122434	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 12 (CRK12) mRNA, complete cds [NM_118449]
AT5G25260	15.06	0.00000796	0.00078803	0.00000265	0.0008	NM_122435	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 13 (CRK13) mRNA, complete cds [NM_001084966]
AT5G25440	7.18	0.0000009	0.00021092	0.00005838	0.00666667	NM_122454	gb|AYBII19TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG511673]
AT5G25460	-2.19	0.00039089	0.01292115	0.00388589	0.23972715	NM_122456	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 14 (CRK14) mRNA, complete cds [NM_118451]
AT5G25630	-2.08	0.00362782	0.05607249	0.00568797	0.2896509	NM_0012034	ref|Arabidopsis thaliana pyruvate kinase (AT5G63680) mRNA, complete cds [NM_125763]
AT5G25820	2.25	0.00507648	0.07012769	0.0080303	0.20608967	NM_122483	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 15 (CRK15) mRNA, complete cds [NM_118452]
AT5G25910	2.51	0.00130828	0.02955075	0.00439872	0.13568213	NM_122492	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 18 (CRK18) mRNA, complete cds [NM_001203880]
AT5G25930	11.61	0.0000019	0.00031116	0.00000708	0.00150235	NM_122494	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 20 (CRK20) mRNA, complete cds [NM_118457]
AT5G26030	3.46	0.00000762	0.00076921	0.00081247	0.0417975	NM_0010368	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 21 (CRK21) mRNA, complete cds [NM_118458]
AT5G26120	2.11	0.00280069	0.0472388	0.00989009	0.23612988	NM_122513	ref|Arabidopsis thaliana RING/FYVE/PHD zinc finger-containing protein (SHA1) mRNA, complete cds [NM_125773]
AT5G26170	9.47	0.00000058	0.00016992	0.00002145	0.00333333	NM_122518	ref|Arabidopsis thaliana putative cysteine-rich receptor-like protein kinase 23 (CRK23) mRNA, complete cds [NM_118460]
AT5G26340	6.26	0.00002168	0.00159696	0.00010548	0.01002101	NM_122535	ref|Arabidopsis thaliana cysteine-rich receptor-like protein kinase 24 (CRK24) mRNA, complete cds [NM_118461]
AT5G26600	2.03	0.00188151	0.03705454	0.0126517	0.28058362	NM_180555	ref|Arabidopsis thaliana putative aquaporin PIP1-5 (PIP1;5) mRNA, complete cds [NM_118469]
AT5G26690	13.58	0.00000246	0.00036751	0.00000376	0.00104938	NM_180545	ref|Arabidopsis thaliana PLAC8 family protein (AT4G23470) mRNA, complete cds [NM_202868]
AT5G26700	2.39	0.00618921	0.07881615	0.00710128	0.18956316	NM_180544	ref|Arabidopsis thaliana phosphatase SGT1a (SGT1A) mRNA, complete cds [NM_001036627]
AT5G26860	2.4	0.00070072	0.0195373	0.00533835	0.15474359	NM_122568	ref|Arabidopsis thaliana NAC domain-containing protein 102 (NAC102) mRNA, complete cds [NM_125774]
AT5G26920	11.19	0.00000145	0.00027381	0.00000951	0.00180672	NM_122574	ref|Arabidopsis thaliana cystine lyase (CORI3) mRNA, complete cds [NM_179099]
AT5G27290	-2.06	0.00040761	0.01327948	0.00781424	0.32567742	NM_122611	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT4G23610) mRNA, complete cds [NM_118492]
AT5G27360	-2.82	0.00003576	0.00221805	0.00020566	0.05923567	NM_122618	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT4G23670) mRNA, complete cds [NM_118498]
AT5G27390	-2.21	0.00335395	0.05327207	0.00257585	0.20257391	NM_122621	ref|Arabidopsis thaliana cation/H(+) antiporter 17 (CHX17) mRNA, complete cds [NM_118501]
AT5G27420	19.51	0.00000096	0.00021577	0.00000022	0.00013889	NM_122624	ref|Arabidopsis thaliana putative inactive receptor kinase (AT4G23740) mRNA, complete cds [NM_118505]
AT5G27520	2.52	0.00461189	0.06568497	0.0050774	0.14947917	NM_122634	ref|Arabidopsis thaliana putative WRKY transcription factor 53 (WRKY53) mRNA, complete cds [NM_118512]
AT5G27600	2.74	0.00101002	0.02502642	0.00296218	0.10359629	NM_122642	ref|Arabidopsis thaliana glycoside hydrolase family 28 protein / polygalacturonase (pectinase) family protein (AT4G23820) mRNA, complete cds
AT5G27760	4.15	0.00005731	0.00316827	0.00047678	0.02844327	NM_122658	ref|Arabidopsis thaliana long chain acyl-CoA synthetase 4 (LACS4) mRNA, complete cds [NM_118516]
AT5G27830	2.12	0.00028593	0.01034386	0.00876426	0.2179978	NM_0012034	ref|Arabidopsis thaliana uncharacterized protein (AT4G23885) mRNA, complete cds [NM_118520]
AT5G28020	-2.04	0.00305945	0.05020105	0.0082782	0.32865672	NM_0010368	ref|Arabidopsis thaliana SAL2 phosphatase (SAL2) mRNA, complete cds [NM_125796]
AT5G28176	2.6	0.00362822	0.05607249	0.00380363	0.12241993	NM_102702	ref|Arabidopsis thaliana Non-specific lipid-transfer protein-like protein (AT5G64080) mRNA, complete cds [NM_125804]
AT5G28540	3.59	0.00040093	0.0131568	0.00088169	0.0443	NM_122737	ref|Arabidopsis thaliana cellulose synthase-like protein G2 (CSLG2) mRNA, complete cds [NM_118532]
AT5G28630	2.45	0.00237689	0.04292451	0.00513224	0.1504083	NM_122746	ref|Arabidopsis thaliana endoplasmin-like protein (SHD) mRNA, complete cds [NM_202877]
AT5G28910	-2.22	0.00831223	0.09482313	0.00214794	0.19348606	NM_122775	ref|Arabidopsis thaliana peroxidase 71 (AT5G64120) mRNA, complete cds [NM_125808]
AT5G33290	3.48	0.00006877	0.00366694	0.00088965	0.04450221	NM_122853	ref|Arabidopsis thaliana uncharacterized protein (AT4G24380) mRNA, complete cds [NM_001036630]
AT5G35200	2.78	0.0001179	0.00549654	0.00238921	0.08943709	NM_122911	ref|Arabidopsis thaliana dicarboxylate carrier 2 (DIC2) mRNA, complete cds [NM_118590]
AT5G35330	-2.11	0.00162355	0.03396447	0.00526581	0.27817757	NM_203121	ref|Arabidopsis thaliana fructose-1,6-bisphosphatase II (AT5G64380) mRNA, complete cds [NM_125834]
AT5G35480	-2.46	0.00179136	0.03598631	0.00080075	0.12358362	NM_122939	ref|Arabidopsis thaliana tryptophan aminotransferase related 2 (TAR2) mRNA, complete cds [NM_202879]
AT5G35490	-2.02	0.00240514	0.04322747	0.00795666	0.3276867	NM_122940	ref|Arabidopsis thaliana protein transport protein sec61 subunit gamma-1 (AT4G24920) mRNA, complete cds [NM_118624]
AT5G35735	3.59	0.00004002	0.00242942	0.00080672	0.04164384	NM_122964	ref|Arabidopsis thaliana uncharacterized protein (AT4G25030) mRNA, complete cds [NM_202884]
AT5G36120	-2.03	0.00040145	0.01315691	0.00847192	0.33082902	NM_123003	ref|Arabidopsis thaliana uncharacterized protein (AT4G25040) mRNA, complete cds [NM_118636]
AT5G36220	4.42	0.00016045	0.00679983	0.00037837	0.0240647	NM_123013	ref|Arabidopsis thaliana uncharacterized protein (AT4G25070) mRNA, complete cds [NM_118639]

AT5G36880	2.11	0.00821826	0.09434624	0.01218974	0.27437531	NM_123046	ref|Arabidopsis thaliana metacaspase 2 (MC2) mRNA, complete cds [NM_118643]
AT5G36910	-2.18	0.00166802	0.03453671	0.00382464	0.23756868	NM_123049	ref|Arabidopsis thaliana phosphate transporter PHO1-4 (SHB1) mRNA, complete cds [NM_118667]
AT5G36920	3.2	0.00002398	0.0017022	0.00122446	0.05570423	NM_123050	ref|Arabidopsis thaliana gibberellin 20 oxidase 1 (GA20OX1) mRNA, complete cds [NM_118674]
AT5G36925	5.25	0.00003105	0.00202592	0.00018819	0.01519643	NM_180586	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 1C (CBF2) mRNA, complete cds [NM_118679]
AT5G36930	2.39	0.00081124	0.02152578	0.00551614	0.15827411	NM_0011258	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 1B (CBF1) mRNA, complete cds [NM_118681]
AT5G36970	2.87	0.00138333	0.03061873	0.00235958	0.08862126	NM_123055	ref|Arabidopsis thaliana putative pathogenesis-related protein (AT4G25780) mRNA, complete cds [NM_118710]
AT5G37260	2.32	0.00090278	0.02316903	0.00647015	0.17796837	NM_123085	ref|Arabidopsis thaliana uncharacterized protein (AT5G64510) mRNA, complete cds [NM_125847]
AT5G37480	2.68	0.00033031	0.01143806	0.00278793	0.09966008	NM_123107	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTR6) mRNA, complete cds [NM_118713]
AT5G37490	4.6	0.00000996	0.00092688	0.00028682	0.01995385	NM_123108	ref|Arabidopsis thaliana aldose 1-epimerase family protein (AT4G25900) mRNA, complete cds [NM_118723]
AT5G37600	6.42	0.00000364	0.00045656	0.00007696	0.00801843	NM_123119	ref|Arabidopsis thaliana NifU-like protein 3 (NFU3) mRNA, complete cds [NM_118724]
AT5G37770	3.01	0.00374587	0.05728387	0.00244317	0.09093004	NM_123136	ref|Arabidopsis thaliana P-glycoprotein 2 (PGP2) mRNA, complete cds [NM_118729]
AT5G38210	3.92	0.00049254	0.01505926	0.00062251	0.03453988	NM_123182	ref|Arabidopsis thaliana ribosomal protein L18ae family protein (AT4G26060) mRNA, complete cds [NM_118739]
AT5G38250	2.91	0.00002963	0.0019615	0.00184962	0.07481216	NM_123186	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase 1 (MEK1) mRNA, complete cds [NM_179115]
AT5G38310	2.18	0.00561228	0.0745556	0.00939275	0.22835484	NM_123192	ref|Arabidopsis thaliana disease resistance protein RPS2 (RPS2) mRNA, complete cds [NM_118742]
AT5G38520	-2.1	0.00027921	0.01018998	0.00649513	0.30658664	NM_0010852	ref|Arabidopsis thaliana ankyrin repeat and BTB/POZ domain-containing protein (AT4G26120) mRNA, complete cds [NM_118745]
AT5G38710	2.8	0.00007833	0.00402505	0.00232043	0.0875146	NM_123232	ref|Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase 7 (ACS7) mRNA, complete cds [NM_118753]
AT5G38900	25.24	0.00000106	0.00022717	0	0	NM_123252	ref|Arabidopsis thaliana 6-phosphofructokinase 3 (PFK3) mRNA, complete cds [NM_118760]
AT5G38990	2.01	0.00250158	0.04426962	0.01238965	0.2772192	NM_123261	ref|Arabidopsis thaliana fructose-bisphosphate aldolase, class I (AT4G26530) mRNA, complete cds [NM_001036644]
AT5G39000	2.22	0.00874544	0.09817993	0.00914485	0.22450054	NM_123262	ref|Arabidopsis thaliana U-box domain-containing protein 27 (CMPG2) mRNA, complete cds [NM_125862]
AT5G39020	2.45	0.00032435	0.01129084	0.00440933	0.13582425	NM_123264	ref|Arabidopsis thaliana putative LRR receptor-like serine/threonine-protein kinase (AT4G26540) mRNA, complete cds [NM_118787]
AT5G39050	4.21	0.00001476	0.00122218	0.00038832	0.02445682	NM_123267	ref|Arabidopsis thaliana uncharacterized protein (AT4G26660) mRNA, complete cds [NM_118800]
AT5G39090	2.92	0.00075934	0.02062791	0.00216807	0.08329652	NM_123271	ref|Arabidopsis thaliana GDSL esterase/lipase (AT4G26790) mRNA, complete cds [NM_118813]
AT5G39530	-2.06	0.00118894	0.02782813	0.00701703	0.31510427	NM_123315	ref|Arabidopsis thaliana dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex 2 (AT4G26910) m
AT5G39580	10.01	0.00000452	0.00052672	0.00001791	0.00287234	NM_123320	ref|Arabidopsis thaliana aconitase 2 (ACO2) mRNA, complete cds [NM_118831]
AT5G39670	4.56	0.00003172	0.0020431	0.00028151	0.01979782	NM_123329	ref|Arabidopsis thaliana uncharacterized protein (AT4G26990) mRNA, complete cds [NM_118833]
AT5G39785	3.06	0.00032373	0.01128833	0.00162384	0.06824349	NM_180776	ref|Arabidopsis thaliana fatty acid desaturase A (FADA) mRNA, complete cds [NM_118837]
AT5G39850	2.14	0.00256068	0.04486393	0.00955175	0.23097861	NM_123348	ref|Arabidopsis thaliana putative WRKY transcription factor 51 (WRKY51) mRNA, complete cds [NM_125877]
AT5G39860	-4.68	0.00006747	0.0036236	0.00000044	0.0025	NM_123349	ref|Arabidopsis thaliana tryptophan synthase beta chain (TSB2) mRNA, complete cds [NM_118841]
AT5G39950	2.21	0.00527623	0.07175669	0.0093912	0.22844002	NM_123358	ref|Arabidopsis thaliana EF-hand, calcium binding motif-containing protein (AT4G27280) mRNA, complete cds [NM_118862]
AT5G40240	2.2	0.0007178	0.01981606	0.00786112	0.20255271	NM_123388	ref|Arabidopsis thaliana Flotillin-like protein 3 (AT5G64870) mRNA, complete cds [NM_125885]
AT5G40380	-2.11	0.00311365	0.0506654	0.00470124	0.26278121	NM_123402	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT4G27300) mRNA, complete cds [NM_118864]
AT5G40760	2.23	0.00206141	0.03925905	0.00759774	0.19734061	NM_123441	ref|Arabidopsis thaliana NAC domain-containing protein 72 (RD26) mRNA, complete cds [NM_001084983]
AT5G40770	2.35	0.00094546	0.02399276	0.00556015	0.15913291	NM_123442	ref|Arabidopsis thaliana elicitor peptide 2 (PROPEP2) mRNA, complete cds [NM_125887]
AT5G40780	9.14	0.00000548	0.00060923	0.00002698	0.00393548	NM_180778	ref|Arabidopsis thaliana COP1-interacting protein 7 (CIP7) mRNA, complete cds [NM_118877]
AT5G40990	59.63	0	0.00004276	0	0	NM_123464	ref|Arabidopsis thaliana uncharacterized protein (AT4G27652) mRNA, complete cds [NM_118902]
AT5G41050	-2.62	0.00010795	0.00513865	0.00055064	0.10462185	NM_123470	ref|Arabidopsis thaliana uncharacterized protein (AT4G27657) mRNA, complete cds [NM_118904]
AT5G41100	3.27	0.00004713	0.00275686	0.00110858	0.05249215	NM_180781	ref|Arabidopsis thaliana tetratricopeptide repeat domain protein (AT4G28080) mRNA, complete cds [NM_118947]
AT5G41160	2.68	0.00047921	0.01481191	0.00287815	0.10160031	NM_123481	ref|Arabidopsis thaliana uncharacterized protein (AT4G28085) mRNA, complete cds [NM_001036661]
AT5G41610	2.28	0.00139376	0.03074423	0.00657563	0.17999395	NM_123525	ref|Arabidopsis thaliana protein ULTRAPETALA 1 (ULT1) mRNA, complete cds [NM_118959]
AT5G41740	8.35	0.00000078	0.00019623	0.00003096	0.00429448	NM_123539	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G28350) mRNA, complete cds [NM_118975]
AT5G41750	13.82	0.0000008	0.00019889	0.00000398	0.00103448	NM_123540	ref|Arabidopsis thaliana ADP/ATP carrier 3 protein (AAC3) mRNA, complete cds [NM_118980]
AT5G42010	5.55	0.00000821	0.00080115	0.0001475	0.01272901	NM_123566	ref|Arabidopsis thaliana putative protein phosphatase 2C 58 (AT4G28400) mRNA, complete cds [NM_118982]
AT5G42020	4.16	0.00006392	0.00347019	0.00047192	0.02830239	NM_123567	ref|Arabidopsis thaliana Tyrosine transaminase family protein (AT4G28420) mRNA, complete cds [NM_118984]
AT5G42050	3.22	0.00010169	0.00490761	0.00124193	0.05616	NM_123570	ref|Arabidopsis thaliana uncharacterized protein (AT4G28460) mRNA, complete cds [NM_118988]
AT5G42070	-2.37	0.00043066	0.01378231	0.00161875	0.17428571	NM_123572	ref|Arabidopsis thaliana receptor-like protein kinase 5 (HAE) mRNA, complete cds [NM_118991]
AT5G42150	3.15	0.00004567	0.00270997	0.00123773	0.05613842	NM_123580	ref|Arabidopsis thaliana cupin domain-containing protein (AT4G28703) mRNA, complete cds [NM_119013]
AT5G42380	11.82	0.0000035	0.00045139	0.00000531	0.00128342	NM_123603	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT4G29050) mRNA, complete cds [NM_119049]
AT5G42440	3.95	0.00008046	0.0040992	0.00057452	0.0327204	NM_123609	ref|Arabidopsis thaliana gamma-glutamyl transpeptidase 4 (GGT4) mRNA, complete cds [NM_202907]
AT5G42530	3.21	0.00041111	0.01331692	0.00137085	0.06036027	NM_123618	ref|Arabidopsis thaliana uncharacterized protein (AT4G29780) mRNA, complete cds [NM_119124]
AT5G42830	9.63	0.00000091	0.00021092	0.00001614	0.00269373	NM_123648	ref|Arabidopsis thaliana Ca2+-transporting ATPase (ACA10) mRNA, complete cds [NM_119136]
AT5G43170	5.46	0.00025397	0.00956235	0.00019726	0.01554007	NM_123683	ref|Arabidopsis thaliana Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein (AT4G30060) mRNA, complete cds [NM_
AT5G43420	2.71	0.00663341	0.08261166	0.00402609	0.12687108	NM_123708	ref|Arabidopsis thaliana NADPH-ferrihemoprotein reductase (ATR2) mRNA, complete cds [NM_179141]
AT5G43780	2.13	0.00245404	0.04372367	0.00985582	0.23593436	NM_123745	ref|Arabidopsis thaliana elicitor peptide 3 (PROPEP3) mRNA, complete cds [NM_125889]
AT5G43910	3.36	0.0010379	0.02547973	0.00105175	0.05054198	NM_123758	ref|Arabidopsis thaliana uncharacterized protein (AT4G30230) mRNA, complete cds [NM_119169]
AT5G44020	-2.54	0.00151654	0.03253217	0.00055064	0.1041841	NM_123769	ref|Arabidopsis thaliana AAA domain-containing protein (AT4G30250) mRNA, complete cds [NM_119171]
AT5G44050	-2.2	0.00118446	0.02776876	0.00337284	0.22462445	NM_123772	ref|Arabidopsis thaliana uncharacterized protein (AT5G65300) mRNA, complete cds [NM_125928]
AT5G44070	2.87	0.00005453	0.00306703	0.00200663	0.07897302	NM_123774	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH18) mRNA, complete cds [NM_119174]
AT5G44260	-2.24	0.00023463	0.00903747	0.00319947	0.21888048	NM_123793	ref|Arabidopsis thaliana sequence-specific DNA binding transcription factor (AT4G30410) mRNA, complete cds [NM_202911]
AT5G44380	10.47	0.00000022	0.00011737	0.00001283	0.00232	NM_123805	ref|Arabidopsis thaliana tetraspanin9 (TET9) mRNA, complete cds [NM_119189]
AT5G44420	18.19	0.00216476	0.04057899	0.00000088	0.00043478	NM_123809	ref|Arabidopsis thaliana class I glutamine amidotransferase domain-containing protein (AT4G30530) mRNA, complete cds [NM_119199]
AT5G44430	16.66	0.00202073	0.03885104	0.00000111	0.00040323	NM_123810	ref|Arabidopsis thaliana carboxypeptidase D (BRS1) mRNA, complete cds [NM_119207]
AT5G44562	-3.76	0.00000637	0.00067695	0.00000398	0.00642857	BX817893	ref|Arabidopsis thaliana putative F-box/LRR-repeat protein 19 (AT4G30640) mRNA, complete cds [NM_119210]
AT5G44568	15.46	0.00000013	0.00009777	0.00000155	0.00051471	NM_0010852	ref|Arabidopsis thaliana leucine aminopeptidase 2 (AT4G30910) mRNA, complete cds [NM_119238]
AT5G44574	2.36	0.00155911	0.03300707	0.00551703	0.15819911	NM_0010852	ref|Arabidopsis thaliana arabinogalactan protein 7 (AGP7) mRNA, complete cds [NM_125937]
AT5G44575	9.1	0.00000462	0.0005324	0.00002676	0.00391586	NM_180589	ref|Arabidopsis thaliana chaC-like protein (AT4G31290) mRNA, complete cds [NM_119278]
AT5G44582	2	0.0033204	0.05294372	0.01388257	0.29922307	NM_0010852	ref|Arabidopsis thaliana cytochrome P450 83B1 (CYP83B1) mRNA, complete cds [NM_119299]
AT5G44585	11.81	0.0000291	0.00193988	0.00000796	0.00160714	NM_0011259	ref|Arabidopsis thaliana uncharacterized protein (AT4G31510) mRNA, complete cds [NM_119300]
AT5G44680	-2.59	0.00133286	0.02989203	0.00050885	0.10506849	NM_123835	ref|Arabidopsis thaliana putative WRKY transcription factor 11 (WRKY11) mRNA, complete cds [NM_119304]
AT5G44720	2.7	0.00014133	0.00625318	0.00263689	0.09600644	NM_123839	ref|Arabidopsis thaliana WRKY transcription factor 18 (WRKY18) mRNA, complete cds [NM_119329]
AT5G44820	3.84	0.00006522	0.00351944	0.00053892	0.03116368	NM_123850	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (ENP) mRNA, complete cds [NM_119332]
AT5G44910	3.2	0.00702161	0.085423	0.00185471	0.07495085	NM_123859	ref|Arabidopsis thaliana uncharacterized protein (AT4G32020) mRNA, complete cds [NM_119354]
AT5G44930	-2.01	0.00509235	0.07029184	0.00800111	0.32832123	NM_180801	ref|Arabidopsis thaliana homeobox protein 25 (HB25) mRNA, complete cds [NM_125939]
AT5G44973	-2.09	0.00339466	0.05365481	0.00522446	0.27794118	NM_0010369	ref|Arabidopsis thaliana kinesin like protein for actin based chloroplast movement 2 (KAC2) mRNA, complete cds [NM_125944]
AT5G44990	8.3	0.00000077	0.00019463	0.0000345	0.00462908	NM_0011259	ref|Arabidopsis thaliana auxin-responsive protein IAA29 (IAA29) mRNA, complete cds [NM_119380]
AT5G45000	9.68	0.00001475	0.00122218	0.00001791	0.00285211	NM_123868	ref|Arabidopsis thaliana TPX2 (targeting protein for Xklp2) protein family (AT4G32330) mRNA, complete cds [NM_001125622]
AT5G45040	-2.67	0.00251935	0.04448452	0.00034365	0.0831016	NM_123872	ref|Arabidopsis thaliana regulator of Vps4 activity protein (AT4G32350) mRNA, complete cds [NM_119387]
AT5G45090	6	0.00000252	0.00037384	0.00010394	0.01	NM_123877	ref|Arabidopsis thaliana uncharacterized protein (AT4G32480) mRNA, complete cds [NM_119400]
AT5G45110	2.16	0.00027219	0.010023	0.00811411	0.20718238	NM_123879	ref|Arabidopsis thaliana protein TIFY 8 (TIFY8) mRNA, complete cds [NM_119409]
AT5G45340	5.53	0.00000296	0.00040853	0.00012981	0.0115098	NM_180805	ref|Arabidopsis thaliana SRPBCC ligand-binding domain-containing protein (AT4G32870) mRNA, complete cds [NM_119440]
AT5G45380	7.46	0.00000749	0.00076837	0.0000513	0.00597938	NM_123906	ref|Arabidopsis thaliana calcineurin B-like protein 10 (CBL10) mRNA, complete cds [NM_179154]
AT5G45470	2.76	0.00014384	0.00633332	0.00244936	0.09101068	NM_123915	ref|Arabidopsis thaliana calmodulin-binding protein (EDA39) mRNA, complete cds [NM_119459]
AT5G45510	2.32	0.00675098	0.08344724	0.00697722	0.18713523	NM_0010852	ref|Arabidopsis thaliana putative disease resistance protein ADR1-like 1 (ADR1-L1) mRNA, complete cds [NM_119484]
AT5G45670	-2.07	0.00065122	0.01850936	0.00765524	0.32504225	NM_123934	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (FLDH) mRNA, complete cds [NM_001203973]
AT5G45820	-3.11	0.00060368	0.01754403	0.00004821	0.02505747	NM_123950	ref|Arabidopsis thaliana uncharacterized protein (AT4G33467) mRNA, complete cds [NM_001085016]
AT5G45830	-3.19	0.00392202	0.05899986	0.00003383	0.01961538	NM_123951	ref|Arabidopsis thaliana aspartyl protease family protein (AT4G33490) mRNA, complete cds [NM_119503]
AT5G45940	-2.18	0.00343062	0.0540166	0.00338611	0.22484581	NM_0011259	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT5G65600) mRNA, complete cds [NM_125958]
AT5G45950	-2.31	0.00325501	0.05221412	0.00183193	0.18166667	NM_123963	ref|Arabidopsis thaliana beta carbonic anhydrase 5 (BCA5) mRNA, complete cds [NM_001036707]
AT5G46050	6.89	0.00000977	0.0009118	0.00006789	0.00732697	NM_123973	ref|Arabidopsis thaliana uncharacterized protein (AT4G33625) mRNA, complete cds [NM_179156]
AT5G46080	4.84	0.00021583	0.00845743	0.0002437	0.01818482	NM_123976	ref|Arabidopsis thaliana uncharacterized protein (AT4G33660) mRNA, complete cds [NM_119522]
AT5G46110	-2.1	0.00105838	0.02575879	0.00577068	0.2905902	NM_0010369	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH6) mRNA, complete cds [NM_125970]
AT5G46230	2.05	0.00102553	0.02527719	0.01095378	0.25284839	NM_123992	ref|Arabidopsis thaliana uncharacterized protein (AT4G33666) mRNA, complete cds [NM_119524]
AT5G46260	2.17	0.00138627	0.03063894	0.00786112	0.20243736	NM_123995	ref|Arabidopsis thaliana receptor like protein 57 (RLP57) mRNA, complete cds [NM_125980]
AT5G46350	2.99	0.00065462	0.01855929	0.00194958	0.0777425	NM_124005	ref|Arabidopsis thaliana putative protein phosphatase 2C 63 (AT4G33920) mRNA, complete cds [NM_119551]
AT5G46520	2.02	0.00157808	0.03331509	0.01220522	0.27458706	NM_124022	ref|Arabidopsis thaliana uncharacterized protein (AT4G33980) mRNA, complete cds [NM_001203978]
AT5G46690	-2.47	0.00124769	0.02874205	0.00108381	0.14414706	NM_124039	ref|Arabidopsis thaliana uncharacterized protein (AT4G33985) mRNA, complete cds [NM_119560]
AT5G46780	2.19	0.00171576	0.03502781	0.00837992	0.21099109	NM_124048	ref|Arabidopsis thaliana UDP-glucosyl transferase 73B3 (UGT73B3) mRNA, complete cds [NM_119574]
AT5G47070	4.44	0.00009115	0.00452835	0.00031756	0.02130564	NM_124078	ref|Arabidopsis thaliana UDP-glucosyltransferase 73B2 (UGT73B2) mRNA, complete cds [NM_179161]
AT5G47120	2.74	0.00077718	0.02095648	0.00290137	0.10218069	NM_124083	ref|Arabidopsis thaliana calcium-dependent lipid-binding domain-containing protein (AT4G34150) mRNA, complete cds [NM_119578]
AT5G47130	2.36	0.00160826	0.03373161	0.00607497	0.17073337	NM_124084	ref|Arabidopsis thaliana cyclase family protein (AT4G34180) mRNA, complete cds [NM_119581]
AT5G47140	2.21	0.00291919	0.04847154	0.0078138	0.20156303	NM_124085	ref|Arabidopsis thaliana D-3-phosphoglycerate dehydrogenase (EDA9) mRNA, complete cds [NM_119583]
AT5G47220	4.15	0.00004943	0.00284408	0.00042415	0.02595399	NM_124093	ref|Arabidopsis thaliana receptor protein kinase-like protein (AT4G34220) mRNA, complete cds [NM_119586]
AT5G47230	12.99	0.00000081	0.00020007	0.00000575	0.00133333	NM_124094	ref|Arabidopsis thaliana cinnamyl alcohol dehydrogenase 5 (CAD5) mRNA, complete cds [NM_119587]
AT5G47480	2.05	0.00110706	0.02648837	0.01153627	0.26293851	NM_124121	ref|Arabidopsis thaliana uncharacterized protein (AT5G66052) mRNA, complete cds [NM_148167]
AT5G47730	3.19	0.00012903	0.00586399	0.00126294	0.05682587	NM_0010852	ref|Arabidopsis thaliana aldehyde dehydrogenase 3I1 (ALDH3I1) mRNA, complete cds [NM_202950]
AT5G47850	2.88	0.00105558	0.02570914	0.00240248	0.08971098	NM_124159	ref|Arabidopsis thaliana 3-ketoacyl-CoA synthase 16 (KCS16) mRNA, complete cds [NM_119589]
AT5G47910	6.25	0.00003612	0.00223725	0.00008315	0.00839286	NM_124165	ref|Arabidopsis thaliana transcription factor bHLH63 (CIB1) mRNA, complete cds [NM_119618]
AT5G48380	5.14	0.00002952	0.0019593	0.00019726	0.01556719	NM_124213	ref|Arabidopsis thaliana squalene synthase 2 (SQS2) mRNA, complete cds [NM_119631]
AT5G48410	2.91	0.00101575	0.02510794	0.00222556	0.08492827	NM_124216	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein 9 (AT4G34760) mRNA, complete cds [NM_119642]
AT5G48430	2.65	0.00100884	0.02501081	0.00327974	0.11076176	NM_124218	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G34790) mRNA, complete cds [NM_119645]
AT5G48460	-2.52	0.00083265	0.02198036	0.00078903	0.12261168	NM_124221	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT4G35060) mRNA, complete cds [NM_119672]
AT5G48490	-3.51	0.00015849	0.00674074	0.00001548	0.01346154	NM_124225	ref|Arabidopsis thaliana aquaporin PIP2-7 (PIP3) mRNA, complete cds [NM_001203991]
AT5G48540	7.82	0.00000058	0.00016963	0.00004268	0.00525886	NM_124230	ref|Arabidopsis thaliana phospholipase-like (PEARLI 4) family protein (AT4G35110) mRNA, complete cds [NM_001125647]
AT5G48657	8.17	0.00000091	0.00021092	0.00003582	0.00475073	NM_203181	ref|Arabidopsis thaliana late embryogenesis abundant hydroxyproline-rich glycoprotein (AT4G35170) mRNA, complete cds [NM_119683]
AT5G48900	-2.76	0.00274146	0.04659019	0.00018731	0.05684564	NM_124267	ref|Arabidopsis thaliana LYS/HIS transporter 7 (LHT7) mRNA, complete cds [NM_119684]
AT5G49360	-2.35	0.0074668	0.08866132	0.00114772	0.14828571	NM_124313	ref|Arabidopsis thaliana Rossmann-fold NAD(P)-binding domain-containing protein (AT4G35250) mRNA, complete cds [NM_119691]
AT5G49520	2.13	0.00741277	0.08826681	0.01205197	0.27167996	NM_124329	ref|Arabidopsis thaliana calmodulin-domain protein kinase 5 (CPK5) mRNA, complete cds [NM_119697]
AT5G49680	2.19	0.00106014	0.0257813	0.00738147	0.19428987	NM_0010852	ref|Arabidopsis thaliana NEP1-interacting protein-like 1 (AT5G66070) mRNA, complete cds [NM_001037081]
AT5G49730	-2.27	0.0009529	0.02415356	0.00234852	0.19630314	NM_124351	ref|Arabidopsis thaliana uncharacterized protein (AT4G35320) mRNA, complete cds [NM_119698]
AT5G49740	-2.1	0.00408435	0.06075468	0.00478483	0.264511	NM_124352	ref|Arabidopsis thaliana phosphoserine aminotransferase (PSAT) mRNA, complete cds [NM_119728]

AT5G50200	5.37	0.00003034	0.00199426	0.00018067	0.0148816	NM_180829	ref|Arabidopsis thaliana senescence-associated protein DIN1 (SEN1) mRNA, complete cds [NM_119743]
AT5G50280	-2.09	0.00493865	0.068864	0.00526139	0.27826901	NM_124407	ref|Arabidopsis thaliana putative protein phosphatase 2C 79 (AT5G66080) mRNA, complete cds [NM_126006]
AT5G50460	2.12	0.0008539	0.02234573	0.00962959	0.23236393	NM_124428	ref|Arabidopsis thaliana heavy metal transport/detoxification domain-containing protein (AT5G66110) mRNA, complete cds [NM_126009]
AT5G50560	3.14	0.00014096	0.00624305	0.00144892	0.06275862	NM_124443	ref|Arabidopsis thaliana protein rotundifolia like 6 (RTFL6) mRNA, complete cds [NM_001085029]
AT5G50740	-2.23	0.00329282	0.05267107	0.0025	0.20044326	NM_124452	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT4G36090) mRNA, complete cds [NM_001036716]
AT5G50950	-2.4	0.00181129	0.03616175	0.00120942	0.15319328	NM_124474	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G36110) mRNA, complete cds [NM_119778]
AT5G51070	2.18	0.00830588	0.09477468	0.01043609	0.24451813	NM_124486	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT4G36150) mRNA, complete cds [NM_119782]
AT5G51190	13.21	0.00000097	0.00021609	0.00000487	0.00122905	NM_124498	ref|Arabidopsis thaliana GATA transcription factor 7 (GATA7) mRNA, complete cds [NM_119792]
AT5G51440	3.26	0.00008052	0.0040992	0.00116453	0.05384458	NM_124523	ref|Arabidopsis thaliana beta-galactosidase 3 (BGAL3) mRNA, complete cds [NM_119799]
AT5G51600	-2.03	0.00803467	0.09299411	0.0076287	0.32452493	NM_124539	ref|Arabidopsis thaliana calcium-dependent protein kinase 28 (CPK28) mRNA, complete cds [NM_180949]
AT5G51830	3.08	0.00348937	0.05469307	0.00210327	0.08149957	NM_124562	ref|Arabidopsis thaliana uncharacterized protein (AT4G36500) mRNA, complete cds [NM_119813]
AT5G52050	6.16	0.00000901	0.00085602	0.00009708	0.00950216	NM_124584	ref|Arabidopsis thaliana sec14p-like phosphatidylinositol transfer protein (AT4G36640) mRNA, complete cds [NM_001085032]
AT5G52100	-2.08	0.00077577	0.02093085	0.00683702	0.31355984	NM_124589	ref|Arabidopsis thaliana putative polyol transporter 6 (AT4G36670) mRNA, complete cds [NM_119831]
AT5G52280	-2.62	0.00115114	0.02725379	0.00041995	0.0935468	NM_124607	ref|Arabidopsis thaliana GATA transcription factor 5 (GATA5) mRNA, complete cds [NM_203273]
AT5G52400	2	0.00184746	0.03665734	0.01247722	0.27835224	NM_124619	ref|Arabidopsis thaliana pentatricopeptide repeat-containing protein (AT5G66520) mRNA, complete cds [NM_126050]
AT5G52440	-2.26	0.00444912	0.06417523	0.00209376	0.1908871	NM_124623	ref|Arabidopsis thaliana HVA22-like protein k (HVA22K) mRNA, complete cds [NM_119836]
AT5G52450	2.58	0.00354676	0.05515279	0.00502145	0.14880079	NM_124624	ref|Arabidopsis thaliana heat stress transcription factor B-1 (HSF4) mRNA, complete cds [NM_119862]
AT5G52540	2.05	0.0036212	0.05602141	0.01287948	0.28396392	NM_124633	ref|Arabidopsis thaliana heat stress transcription factor B-1 (HSF4) mRNA, complete cds [NM_119862]
AT5G52640	7.38	0.00000667	0.00069774	0.00005374	0.00619898	NM_124642	ref|Arabidopsis thaliana calcium-binding protein CML19 (CEN2) mRNA, complete cds [NM_119864]
AT5G52720	3.38	0.00012945	0.00587216	0.00108934	0.05196203	NM_124650	ref|Arabidopsis thaliana cold acclimation protein WCOR413 (AT4G37220) mRNA, complete cds [NM_119885]
AT5G52750	8.01	0.00000381	0.00047121	0.00003981	0.00512821	NM_124653	ref|Arabidopsis thaliana uncharacterized protein (AT4G37240) mRNA, complete cds [NM_119887]
AT5G52760	31.98	0.00000031	0.00012737	0	0	NM_124654	ref|Arabidopsis thaliana myb domain protein 73 (MYB73) mRNA, complete cds [NM_119889]
AT5G52810	9	0.00000018	0.0001055	0.00002609	0.00385621	NM_124659	ref|Arabidopsis thaliana uncharacterized protein (AT4G37290) mRNA, complete cds [NM_119892]
AT5G52870	2.13	0.00518921	0.07102175	0.01007408	0.23875786	NM_124665	ref|Arabidopsis thaliana cytochrome P450, family 81, subfamily D, polypeptide 8 (CYP81D8) mRNA, complete cds [NM_119900]
AT5G52920	-2.33	0.00612619	0.07841493	0.00163423	0.17429245	NM_124670	ref|Arabidopsis thaliana peroxidase 51 (AT4G37530) mRNA, complete cds [NM_001085039]
AT5G52970	-2.27	0.0012552	0.02884154	0.00227488	0.19744722	NM_124675	ref|Arabidopsis thaliana uncharacterized protein (AT5G66580) mRNA, complete cds [NM_126056]
AT5G53110	3.16	0.0031875	0.05144322	0.00176979	0.0726225	NM_124690	ref|Arabidopsis thaliana BTB and TAZ domain protein 5 (BT5) mRNA, complete cds [NM_119924]
AT5G53330	2	0.00447187	0.06442116	0.01486709	0.31400747	NM_124712	ref|Arabidopsis thaliana allergen V5/Tpx-1-related family protein (AT5G66590) mRNA, complete cds [NM_126057]
AT5G53490	-2.57	0.00022652	0.00878962	0.00065657	0.11597656	NM_124729	ref|Arabidopsis thaliana Ca2+-transporting ATPase (ACA2) mRNA, complete cds [NM_119927]
AT5G53500	-2.27	0.00074885	0.02043644	0.00279434	0.20748768	NM_124730	ref|Arabidopsis thaliana xyloglucan:xyloglucosyl transferase (XTH7) mRNA, complete cds [NM_119942]
AT5G53550	5.14	0.00001666	0.00133072	0.00017868	0.01479853	NM_124735	ref|Arabidopsis thaliana uncharacterized protein (AT4G37900) mRNA, complete cds [NM_119951]
AT5G53570	2.41	0.00048643	0.01494309	0.00462494	0.14008038	NM_124737	ref|Arabidopsis thaliana protein DA1-related 3 (DAR3) mRNA, complete cds [NM_001203709]
AT5G53760	-2.35	0.00123408	0.02854835	0.00162561	0.17419431	NM_124755	ref|Arabidopsis thaliana uncharacterized protein (AT5G66650) mRNA, complete cds [NM_126063]
AT5G53860	-2	0.0026898	0.0462325	0.00825652	0.32953222	NM_0012036	ref|Arabidopsis thaliana uncharacterized protein (AT5G66675) mRNA, complete cds [NM_180598]
AT5G54160	2.08	0.00626652	0.07957652	0.01149403	0.26277048	NM_124796	ref|Arabidopsis thaliana cinnamyl alcohol dehydrogenase 8 (ELI3-2) mRNA, complete cds [NM_119960]
AT5G54165	3.4	0.00003109	0.00202592	0.00098496	0.04799569	NM_0011259	ref|Arabidopsis thaliana Mitochondrial transcription termination factor family protein (pde191) mRNA, complete cds [NM_119977]
AT5G54490	12.58	0.00000006	0.0000859	0.00000641	0.00144279	NM_124829	ref|Arabidopsis thaliana uncharacterized protein (AT4G38225) mRNA, complete cds [NM_202976]
AT5G54500	2.49	0.00043371	0.01386031	0.0041077	0.12845781	NM_0012036	ref|Arabidopsis thaliana uncharacterized protein (AT4G38260) mRNA, complete cds [NM_119988]
AT5G54585	-3.55	0.00001164	0.00104129	0.00000973	0.01023256	NM_148130	ref|Arabidopsis thaliana FAD/NAD(P)-binding oxidoreductase family protein (AT4G38540) mRNA, complete cds [NM_120015]
AT5G54610	6.1	0.00007044	0.00372484	0.00010571	0.01002096	NM_124842	ref|Arabidopsis thaliana phospholipase like protein (PEARLI 4) (AT4G38550) mRNA, complete cds [NM_120016]
AT5G54630	-2	0.002396	0.04311471	0.00839275	0.32887348	NM_124844	ref|Arabidopsis thaliana uncharacterized protein (AT5G66740) mRNA, complete cds [NM_126072]
AT5G54710	3.52	0.00002456	0.00172714	0.00084542	0.04281075	NM_124852	ref|Arabidopsis thaliana phospholipase like protein (PEARLI 4) (AT4G38560) mRNA, complete cds [NM_001085043]
AT5G54720	7.42	0.00000504	0.00056723	0.00004998	0.00588542	NM_124853	ref|Arabidopsis thaliana 1-phosphatidylinositol phosphodiesterase-related protein (AT4G38690) mRNA, complete cds [NM_120030]
AT5G54810	3.46	0.00102768	0.0253115	0.00115944	0.05366428	NM_124862	ref|Arabidopsis thaliana uncharacterized protein (AT4G38730) mRNA, complete cds [NM_120033]
AT5G54840	2.24	0.00340825	0.05379439	0.00735007	0.19402802	NM_203204	ref|Arabidopsis thaliana proline-rich protein 4 (PRP4) mRNA, complete cds [NM_120037]
AT5G54860	3.46	0.00002997	0.00197556	0.00084476	0.04282511	NM_124868	ref|Arabidopsis thaliana SAUR-like auxin-responsive protein (AT4G38840) mRNA, complete cds [NM_120044]
AT5G54960	2.41	0.00025609	0.00960509	0.00452477	0.13834348	NM_124878	ref|Arabidopsis thaliana wall-associated receptor kinase-like 21 (AT5G66790) mRNA, complete cds [NM_126077]
AT5G55070	2.04	0.00093202	0.02371754	0.01041375	0.24437468	NM_124889	ref|Arabidopsis thaliana mitogen-activated protein kinase kinase kinase 19 (MAPKKK19) mRNA, complete cds [NM_126108]
AT5G55170	4.13	0.00000266	0.00038105	0.00038943	0.02449235	NM_124899	ref|Arabidopsis thaliana enhanced disease susceptibility 5 (EDS5) mRNA, complete cds [NM_120063]
AT5G55280	-2.03	0.00218026	0.04079088	0.00781601	0.3254512	NM_124910	ref|Arabidopsis thaliana cyclin-D3-2 (CYCD3;2) mRNA, complete cds [NM_126126]
AT5G55420	10.23	0.00000129	0.00025958	0.00001393	0.00243243	A_84_P76765	ref|Arabidopsis thaliana B-box type zinc finger-containing protein (AT4G39070) mRNA, complete cds [NM_120067]
AT5G55450	2.27	0.00136524	0.03033729	0.0068379	0.18482367	NM_124927	ref|Arabidopsis thaliana NmrA-like negative transcriptional regulator family protein (AT4G39230) mRNA, complete cds [NM_120083]
AT5G55530	2.07	0.00426852	0.06266464	0.01064662	0.24790937	NM_124935	ref|Arabidopsis thaliana receptor-like kinase (RLK) mRNA, complete cds [NM_126128]
AT5G55560	2.58	0.00132779	0.02983621	0.00357629	0.11684971	NM_124938	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT4G39270) mRNA, complete cds [NM_202984]
AT5G55620	-2.56	0.0018959	0.03717813	0.00050973	0.10477273	NM_124944	ref|Arabidopsis thaliana F-box/kelch-repeat protein (AT4G39580) mRNA, complete cds [NM_120118]
AT5G55730	-2.44	0.00013245	0.00594181	0.00133326	0.15578811	NM_0012036	ref|Arabidopsis thaliana glycolipid transfer protein (AT4G39670) mRNA, complete cds [NM_120127]
AT5G55740	-2.11	0.00102966	0.02533255	0.00551415	0.28497143	NM_124956	ref|Arabidopsis thaliana ethylene-responsive transcription factor ERF060 (AT4G39780) mRNA, complete cds [NM_120141]
AT5G56000	2.3	0.0069892	0.08518911	0.00873861	0.21759912	NM_124982	ref|Arabidopsis thaliana putative L-ascorbate oxidase (AT4G39830) mRNA, complete cds [NM_120146]
AT5G56010	2.13	0.00284367	0.04763824	0.00920699	0.22565854	NM_124983	ref|Arabidopsis thaliana Ras-related protein RABH1C (RABH1c) mRNA, complete cds [NM_120152]
AT5G56550	3.05	0.00025793	0.00964727	0.0015816	0.06677871	NM_125038	ref|Arabidopsis thaliana cytochrome P450, family 81, subfamily G, polypeptide 1 (CYP81G1) mRNA, complete cds [NM_126131]
AT5G56610	2.27	0.00133635	0.02992065	0.00668532	0.18211446	NM_125044	ref|Arabidopsis thaliana Adenylyl-sulfate kinase 2 (AKN2) mRNA, complete cds [NM_120157]
AT5G56960	3.62	0.00015638	0.00669648	0.00082065	0.04197964	NM_125078	ref|Arabidopsis thaliana tryptophan N-hydroxylase 1 (CYP79B2) mRNA, complete cds [NM_120158]
AT5G57010	8.5	0.00000156	0.00027698	0.0000314	0.00432927	NM_125083	ref|Arabidopsis thaliana hydrolase, alpha/beta fold family protein (AT4G39955) mRNA, complete cds [NM_120159]
AT5G57035	2.57	0.00019088	0.0077066	0.00331026	0.11137649	NM_148143	ref|Arabidopsis thaliana phospho-2-dehydro-3-deoxyheptonate aldolase 1 (DHS1) mRNA, complete cds [NM_120162]
AT5G57170	-2.01	0.00372601	0.05705627	0.00873198	0.33576531	NM_125099	ref|Arabidopsis thaliana U-box domain-containing protein 2 (AT5G67340) mRNA, complete cds [NM_126134]
AT5G57220	21.83	0.0000008	0.00019889	0	0	NM_125104	ref|Arabidopsis thaliana Myosin heavy chain-related protein (AT4G40020) mRNA, complete cds [NM_120166]
AT5G57480	10.4	0.00000104	0.00022617	0.00001437	0.00247148	NM_125129	ref|Arabidopsis thaliana uncharacterized protein (AT5G01015) mRNA, complete cds [NM_120178]
AT5G57630	2.15	0.00300285	0.04957378	0.00850509	0.21342952	NM_125144	ref|Arabidopsis thaliana phototropic-responsive NPH3-like protein (AT5G67385) mRNA, complete cds [NM_148168]
AT5G57760	-3.33	0.00186343	0.0368771	0.00002764	0.01736111	NM_125159	ref|Arabidopsis thaliana Glycosyl hydrolase family 35 protein (AT5G01075) mRNA, complete cds [NM_120185]
AT5G57780	-2.3	0.00016943	0.00706791	0.00257475	0.20283972	NM_125161	ref|Arabidopsis thaliana O-fucosyltransferase family protein (AT5G01100) mRNA, complete cds [NM_120188]
AT5G57910	2.5	0.00268905	0.0462325	0.00488412	0.14597488	NM_125176	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G01210) mRNA, complete cds [NM_120199]
AT5G58120	5.97	0.00022442	0.00871842	0.00012119	0.01100402	NM_125197	ref|Arabidopsis thaliana auxin transporter-like protein 1 (LAX1) mRNA, complete cds [NM_120202]
AT5G58260	-2.48	0.00971883	0.10439979	0.000523	0.10372807	NM_0011259	ref|Arabidopsis thaliana RING/U-box domain-containing protein (AT5G01520) mRNA, complete cds [NM_202992]
AT5G58330	-2.4	0.00036775	0.01233643	0.00138412	0.15966837	NM_180883	ref|Arabidopsis thaliana zinc-finger protein 1 (ZF1) mRNA, complete cds [NM_126145]
AT5G58350	2.07	0.00156878	0.03314958	0.01085161	0.25138832	NM_125220	ref|Arabidopsis thaliana Lectin-domain containing receptor kinase A4.1 (LECRKA4.1) mRNA, complete cds [NM_120232]
AT5G58540	2.72	0.00487361	0.06818836	0.00333702	0.11194362	NM_203231	ref|Arabidopsis thaliana Lectin-domain containing receptor kinase A4.2 (LECRKA4.2) mRNA, complete cds [NM_120233]
AT5G58620	2.09	0.00463199	0.06588816	0.01075807	0.24986133	NM_125249	ref|Arabidopsis thaliana Lectin-domain containing receptor kinase A4.3 (LECRKA4.3) mRNA, complete cds [NM_120234]
AT5G59350	-2.54	0.00030989	0.01094779	0.00070234	0.11676471	NM_125326	Unknown
AT5G59540	2.59	0.00270909	0.04632143	0.00417912	0.13015152	NM_125346	ref|Arabidopsis thaliana uncharacterized protein (AT5G01610) mRNA, complete cds [NM_120239]
AT5G59550	6.48	0.00001008	0.00093203	0.00008868	0.0088521	NM_125347	ref|Arabidopsis thaliana putative aldose reductase (AT5G01670) mRNA, complete cds [NM_120245]
AT5G59670	6	0.00000569	0.00062555	0.00011035	0.01030992	NM_125359	gb|Arabidopsis thaliana mRNA for hypothetical protein, complete cds, clone: RAFL22-67-I17 [AK230062]
AT5G59680	3.59	0.00040906	0.01329803	0.00092149	0.04574094	NM_125360	ref|Arabidopsis thaliana Nuclear transport factor 2 (NTF2) family protein (AT5G01740) mRNA, complete cds [NM_120252]
AT5G59780	-2.25	0.0009288	0.02366221	0.00275144	0.20736667	NM_180894	ref|Arabidopsis thaliana uncharacterized protein (AT5G01790) mRNA, complete cds [NM_120257]
AT5G59820	30.56	0.00000006	0.0000859	0	0	NM_125374	ref|Arabidopsis thaliana U-box domain-containing protein 16 (AT5G01830) mRNA, complete cds [NM_120261]
AT5G60280	2.56	0.00079364	0.0212193	0.00422313	0.13134113	NM_125421	ref|Arabidopsis thaliana protein kinase family protein (AT5G01850) mRNA, complete cds [NM_120263]
AT5G60590	2.33	0.00070705	0.01962601	0.00621893	0.17380717	NM_125452	gb|AV536391 Arabidopsis thaliana liquid-cultured seedlings Columbia Arabidopsis thaliana cDNA clone pAZNII1027F 3', mRNA sequence [A
AT5G60630	2.35	0.00507363	0.07012352	0.00660703	0.18063482	NM_125456	ref|Arabidopsis thaliana putative WRKY transcription factor 62 (WRKY62) mRNA, complete cds [NM_120268]
AT5G60720	-2.34	0.00021743	0.00851273	0.00194781	0.18426778	NM_125465	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT5G01950) mRNA, complete cds [NM_120273]
AT5G60860	-2.86	0.00029287	0.01053582	0.00017625	0.05496552	NM_125479	ref|Arabidopsis thaliana uncharacterized protein (AT5G02160) mRNA, complete cds [NM_120294]
AT5G60890	-2.33	0.00049351	0.01507861	0.0020241	0.18833333	NM_125482	ref|Arabidopsis thaliana haloacid dehalogenase-like hydrolase domain-containing protein (AT5G02230) mRNA, complete cds [NM_120301]
AT5G60900	10.55	0.00000052	0.0001613	0.00001327	0.00235294	NM_125483	ref|Arabidopsis thaliana putative serine/threonine-protein kinase NAK (NAK) mRNA, complete cds [NM_120307]
AT5G60950	11.41	0.00000003	0.00008493	0.00000862	0.00171806	NM_125488	ref|Arabidopsis thaliana heat shock protein 70 (AT5G02490) mRNA, complete cds [NM_120327]
AT5G61010	3.64	0.00049512	0.0150816	0.00089761	0.04485083	NM_125494	ref|Arabidopsis thaliana uncharacterized protein (AT5G02690) mRNA, complete cds [NM_120347]
AT5G61060	2.28	0.00097971	0.02459238	0.00683658	0.18500898	NM_125499	gb|AV564310 Arabidopsis thaliana green siliques Columbia Arabidopsis thaliana cDNA clone SQ202d11F 3', mRNA sequence [AV564310]
AT5G61070	2.21	0.00611202	0.078274	0.00827311	0.209	NM_125500	gb|Arabidopsis thaliana At1g18740 mRNA sequence [AY069871]
AT5G61160	28.99	0.0000017	0.00029315	0	0	NM_125509	ref|Arabidopsis thaliana putative protein phosphatase 2C 67 (AT5G02760) mRNA, complete cds [NM_120354]
AT5G61200	-2.14	0.00563313	0.07460217	0.00316807	0.21905199	NM_125513	gb|Arabidopsis thaliana At3g29646 mRNA sequence [AY090965]
AT5G61210	2.64	0.00038964	0.01289273	0.00324414	0.10997001	NM_125514	ref|Arabidopsis thaliana glutathione transferase lambda 1 (GSTL1) mRNA, complete cds [NM_120356]
AT5G61250	2.4	0.00041037	0.01330694	0.00502853	0.1489129	NM_125518	ref|Arabidopsis thaliana HXXXD-type acyl-transferase-like protein (AT5G02890) mRNA, complete cds [NM_120367]
AT5G61520	4.57	0.00034798	0.01184739	0.00031269	0.02110448	NM_0011260	ref|Arabidopsis thaliana protein IQ-domain 2 (iqd2) mRNA, complete cds [NM_120382]
AT5G61560	2.58	0.00006836	0.00365399	0.00316851	0.10871017	NM_0012036	ref|Arabidopsis thaliana uncharacterized protein (AT5G03120) mRNA, complete cds [NM_120390]
AT5G61600	7.86	0.0000003	0.00012521	0.00004334	0.0052973	NM_125553	ref|Arabidopsis thaliana uncharacterized protein (AT5G03130) mRNA, complete cds [NM_120391]
AT5G61610	3.13	0.00009129	0.00452835	0.00142724	0.06199808	NM_125555	ref|Arabidopsis thaliana lectin-like protein (AT5G03350) mRNA, complete cds [NM_120414]
AT5G61790	2.57	0.00013926	0.00617989	0.00338302	0.11315089	NM_125573	ref|Arabidopsis thaliana UDP-glycosyltransferase-like protein (AT5G03490) mRNA, complete cds [NM_120429]
AT5G61810	-2.3	0.00132057	0.02976867	0.00187837	0.18188437	NM_125575	ref|Arabidopsis thaliana GDSL esterase/lipase (AT5G03610) mRNA, complete cds [NM_120442]
AT5G61890	2.27	0.00040617	0.01325188	0.00593874	0.16752963	NM_125582	ref|Arabidopsis thaliana monodehydroascorbate reductase (NADH) (ATMDAR2) mRNA, complete cds [NM_120444]
AT5G61900	2.72	0.00145309	0.03162109	0.00313512	0.10780989	NM_203248	ref|Arabidopsis thaliana putative c2h2 zinc finger transcription factor (ZAT6) mRNA, complete cds [NM_120516]
AT5G62020	2.46	0.00077564	0.02093085	0.00444029	0.13668482	NM_125595	ref|Arabidopsis thaliana cationic amino acid transporter 6 (CAT6) mRNA, complete cds [NM_120559]
AT5G62100	-3	0.00015011	0.00650793	0.00010902	0.04177966	NM_180915	ref|Arabidopsis thaliana ovate family protein 13 (OFP13) mRNA, complete cds [NM_120564]
AT5G62140	-2.18	0.00200428	0.03866625	0.00320323	0.21880665	NM_125607	ref|Arabidopsis thaliana phospholipid-transporting ATPase 1 (ALA1) mRNA, complete cds [NM_120575]
AT5G62150	3.23	0.00002056	0.00152907	0.00117514	0.05422449	NM_125608	ref|Arabidopsis thaliana uncharacterized protein (AT5G05190) mRNA, complete cds [NM_120601]
AT5G62180	2.25	0.00048123	0.0148559	0.0066015	0.18059286	NM_125612	ref|Arabidopsis thaliana uncharacterized protein (AT5G05300) mRNA, complete cds [NM_120612]
AT5G62430	-2.61	0.00280728	0.04726182	0.00036378	0.08612565	NM_125637	ref|Arabidopsis thaliana peroxidase 52 (AT5G05340) mRNA, complete cds [NM_120616]
AT5G62480	3.01	0.00026764	0.00992836	0.00156988	0.06647004	NM_125642	ref|Arabidopsis thaliana mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase (AT5G05460) mRNA, complete cds [NM_120628]
AT5G62570	2.54	0.0019834	0.03839447	0.00456789	0.13919137	NM_125651	ref|Arabidopsis thaliana phosphoribosylanthranilate isomerase (PAI1) mRNA, complete cds [NM_001123771]
AT5G62670	-3.31	0.00009745	0.00474864	0.00002897	0.01794521	NM_125662	ref|Arabidopsis thaliana oxidoreductase, 2OG-Fe(II) oxygenase family protein (AT5G05600) mRNA, complete cds [NM_120642]
AT5G62720	-2	0.00247375	0.04395405	0.00921163	0.34171452	NM_203254	tc|Rep: Uclacyanin-2 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (28%) [TC395283]
AT5G62840	-2.84	0.00056116	0.01656386	0.00017094	0.05443662	NM_125679	ref|Arabidopsis thaliana anthranilate synthase component I-1 (ASA1) mRNA, complete cds [NM_001203302]
AT5G62920	-3.05	0.000277	0.01013802	0.00006612	0.0305102	NM_125686	gb|BP812391 RAFL19 Arabidopsis thaliana cDNA clone RAFL22-03-E03 5', mRNA sequence [BP812391]

AT5G63130	6.52	0.00000755	0.00076884	0.00007895	0.00816934	NM_125707	ref|Arabidopsis thaliana UDP-glucoronosyl/UDP-glucosyl transferase family protein (AT5G05890) mRNA, complete cds [NM_120671]
AT5G63680	2.73	0.00064256	0.01835615	0.00287815	0.10167969	NM_125763	ref|Arabidopsis thaliana uncharacterized protein (AT5G06270) mRNA, complete cds [NM_120710]
AT5G63780	-2.24	0.00063773	0.01828661	0.00273817	0.20810084	NM_125773	ref|Arabidopsis thaliana NDR1/HIN1-Like protein 3 (NHL3) mRNA, complete cds [NM_120715]
AT5G63790	6.45	0.00000837	0.0008141	0.00008315	0.00841163	NM_125774	ref|Arabidopsis thaliana alpha/beta hydrolase fold-containing protein (AT5G06570) mRNA, complete cds [NM_120740]
AT5G64000	4.42	0.00002621	0.00179288	0.00034631	0.02256484	NM_125796	ref|Arabidopsis thaliana kinesin heavy chain-like protein (AT5G06670) mRNA, complete cds [NM_120750]
AT5G64080	-2.33	0.00142155	0.03112945	0.00192525	0.18444915	NM_125804	tc|Rep: AT5g25460/F18G18_200 - Arabidopsis thaliana (Mouse-ear cress), partial (33%) [TC395524]
AT5G64120	7.46	0.00000106	0.00022717	0.00005153	0.00598972	NM_125808	ref|Arabidopsis thaliana peroxidase 54 (AT5G06730) mRNA, complete cds [NM_120756]
AT5G64380	-2.4	0.00444012	0.06414658	0.00106612	0.14391045	NM_125834	ref|Arabidopsis thaliana concanavalin A-like lectin kinase-like protein (AT5G06740) mRNA, complete cds [NM_120757]
AT5G64510	4.82	0.00007054	0.00372484	0.00026603	0.019248	NM_125847	ref|Arabidopsis thaliana putative protein phosphatase 2C 68 (AT5G06750) mRNA, complete cds [NM_001125709]
AT5G64660	2.99	0.0001602	0.00679592	0.00160195	0.06744879	NM_125862	ref|Arabidopsis thaliana Polygalacturonase inhibitor 1 (PGIP1) mRNA, complete cds [NM_120769]
AT5G64810	4.65	0.00004465	0.00266167	0.00026073	0.01895498	NM_125877	ref|Arabidopsis thaliana uncharacterized protein (AT5G06930) mRNA, complete cds [NM_120775]
AT5G64870	2.44	0.00016417	0.00690577	0.0042322	0.13153265	NM_125885	ref|Arabidopsis thaliana WRKY DNA-binding protein 26 (WRKY26) mRNA, complete cds [NM_203017]
AT5G64890	3.91	0.00003356	0.00212839	0.00057873	0.03279449	NM_125887	ref|Arabidopsis thaliana leucine-rich repeat protein kinase-like protein (AT5G07150) mRNA, complete cds [NM_120797]
AT5G64905	7.76	0.00000758	0.00076884	0.00004688	0.00557895	NM_125889	ref|Arabidopsis thaliana uncharacterized protein (AT5G08240) mRNA, complete cds [NM_120907]
AT5G65300	2.36	0.00117205	0.02760413	0.00571981	0.16277533	NM_125928	ref|Arabidopsis thaliana Succinyl-CoA ligase [GDP-forming] subunit alpha-1 (AT5G08300) mRNA, complete cds [NM_120913]
AT5G65390	-2.44	0.00067688	0.01903522	0.00112119	0.14610951	NM_125937	ref|Arabidopsis thaliana uncharacterized protein (AT5G08760) mRNA, complete cds [NM_001085080]
AT5G65410	-2.27	0.00203999	0.03904262	0.00231844	0.19632959	NM_125939	ref|Arabidopsis thaliana protein ATAF2 (ATAF2) mRNA, complete cds [NM_147856]
AT5G65460	-2.02	0.00799868	0.09280982	0.0070659	0.31604352	NM_125944	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB14ZF09 of Flowers and buds of strain col-0 of Arabidopsis t
AT5G65600	4.09	0.00001244	0.00108368	0.00039584	0.02475795	NM_125958	ref|Arabidopsis thaliana putative SAL4 phosphatase (AT5G09290) mRNA, complete cds [NM_120965]
AT5G65730	-4.24	0.00001525	0.00124971	0.00000111	0.00294118	NM_125970	ref|Arabidopsis thaliana translocon at the outer membrane of chloroplasts 64-V (TOC64-V) mRNA, complete cds [NM_120979]
AT5G65830	-2.51	0.00152732	0.03267668	0.00059708	0.10843373	NM_125980	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH3ZB09 of Hormone Treated Callus of strain col-0 of Arabic
AT5G66052	-2.04	0.00227998	0.0419621	0.00727311	0.31746139	NM_148167	ref|Arabidopsis thaliana mitochondrial HSO70 2 (MTHSC70-2) mRNA, complete cds [NM_120996]
AT5G66070	2.64	0.00017855	0.00735323	0.00294449	0.1031371	NM_0010370	ref|Arabidopsis thaliana U-box domain-containing protein 28 (AT5G09800) mRNA, complete cds [NM_121017]
AT5G66080	-2.1	0.00826889	0.0945673	0.00461477	0.26052434	NM_126006	ref|Arabidopsis thaliana uncharacterized protein (AT5G10150) mRNA, complete cds [NM_121053]
AT5G66110	-2.15	0.00029468	0.01057572	0.00469593	0.26280941	NM_126009	ref|Arabidopsis thaliana major facilitator protein (AT5G10190) mRNA, complete cds [NM_121057]
AT5G66210	4.74	0.00000124	0.00025173	0.00023131	0.01743333	NM_180949	ref|Arabidopsis thaliana Phototropic-responsive NPH3 family protein (DOT3) mRNA, complete cds [NM_121063]
AT5G66320	2.37	0.00032832	0.01139434	0.00532906	0.15467266	NM_203273	ref|Arabidopsis thaliana methyl esterase 5 (MES5) mRNA, complete cds [NM_121068]
AT5G66520	-2.24	0.00104574	0.02561661	0.00317161	0.21896183	NM_126050	ref|Arabidopsis thaliana E3 ubiquitin-protein ligase RING1 (RING1) mRNA, complete cds [NM_121076]
AT5G66580	-2.56	0.00109995	0.0264125	0.00078218	0.1228125	NM_126056	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTFB10ZD06 of Flowers and buds of strain col-0 of Arabidopsis t
AT5G66590	-2.48	0.00015368	0.00661832	0.00105529	0.14416918	NM_126057	ref|Arabidopsis thaliana ROP binding protein kinase 1 (RBK1) mRNA, complete cds [NM_121090]
AT5G66640	2.91	0.00532602	0.07226	0.00260593	0.09526273	NM_0012037	ref|Arabidopsis thaliana putative RNA methyltransferase (AT5G10620) mRNA, complete cds [NM_121100]
AT5G66650	4.47	0.00000405	0.00049045	0.00027974	0.01973479	NM_126063	ref|Arabidopsis thaliana uncharacterized protein (AT5G10625) mRNA, complete cds [NM_203034]
AT5G66675	2.44	0.00014869	0.00647754	0.00419018	0.13040606	NM_180598	ref|Arabidopsis thaliana uncharacterized protein (AT5G10695) mRNA, complete cds [NM_121107]
AT5G66740	-2.73	0.00079895	0.02127718	0.00021716	0.06061728	NM_126072	ref|Arabidopsis thaliana putative protein phosphatase 2C 69 (AT5G10740) mRNA, complete cds [NM_121112]
AT5G66790	2.49	0.0007253	0.01993497	0.00436599	0.13476451	NM_126077	ref|Arabidopsis thaliana aspartyl protease family protein (AT5G10760) mRNA, complete cds [NM_121114]
AT5G67080	36.31	0	0.00004276	0	0	NM_126108	ref|Arabidopsis thaliana uncharacterized protein (AT5G10946) mRNA, complete cds [NM_001125734]
AT5G67260	-2.51	0.00193961	0.03778946	0.00071517	0.1176	NM_126126	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH51ZC02 of Hormone Treated Callus of strain col-0 of Arab
AT5G67280	-2.63	0.0005544	0.01641781	0.00047302	0.10042254	NM_126128	ref|Arabidopsis thaliana glutamate receptor 2.5 (GLR2.5) mRNA, complete cds [NM_121159]
AT5G67310	5.38	0.00004597	0.00272094	0.00018333	0.01499096	NM_126131	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT5G11250) mRNA, complete cds [NM_121163]
AT5G67340	7.96	0.00000088	0.00021092	0.00004202	0.00519126	NM_126134	ref|Arabidopsis thaliana uncharacterized protein (AT5G11420) mRNA, complete cds [NM_121180]
AT5G67385	-2.06	0.00083708	0.02201237	0.00707784	0.31595262	NM_148168	ref|Arabidopsis thaliana dehydration-responsive element-binding protein 3 (TINY2) mRNA, complete cds [NM_121197]
AT5G67450	5.73	0.00003675	0.0022703	0.00012649	0.01132673	NM_126145	ref|Arabidopsis thaliana malate dehydrogenase (oxaloacetate-decarboxylating)(NADP+) (NADP-ME2) mRNA, complete cds [NM_121205]
ATMG0106	2.63	0.00135967	0.03025803	0.00342857	0.1138326	A_84_P7702	gb|Arabidopsis thaliana Full-length cDNA Complete sequence from clone GSLTPGH78ZH03 of Hormone Treated Callus of strain col-0 of Arab
AV536391	2	0.00776239	0.09100733	0.01485803	0.3141094	AV536391	gb|Arabidopsis thaliana mRNA for hypothetical protein, partial cds, clone: RAFL16-01-F10 [AK228660]
AV564310	-2.21	0.00165066	0.03431864	0.00274768	0.20742905	AV564310	gb|BX837598 Arabidopsis thaliana Hormone Treated Callus Col-0 Arabidopsis thaliana cDNA clone GSLTPGH36ZD04 5PRIM, mRNA seque
AY069871	2.37	0.00306926	0.05030512	0.00596926	0.16828554	AY069871	gb|07-E012992-019-004-M01-SP6r MPIZ-ADIS-019 Arabidopsis thaliana cDNA clone MPIZp768M014Q 3-PRIME, mRNA sequence [CB25
AY090965	-2.01	0.00085212	0.02233781	0.00913689	0.34174524	AY090965	ref|Arabidopsis thaliana beta-fructofuranosidase, insoluble isoenzyme CWINV6 (cwINV6) mRNA, complete cds [NM_121230]
BP803304	2.03	0.00557984	0.07427738	0.0139916	0.30085592	BP803304	ref|Arabidopsis thaliana uncharacterized protein (AT5G11970) mRNA, complete cds [NM_121235]
BP812391	3.12	0.000272	0.010023	0.00151283	0.06465974	BP812391	ref|Arabidopsis thaliana uncharacterized protein (AT5G12050) mRNA, complete cds [NM_121243]
BP813084	-2.4	0.0003014	0.01074873	0.00138965	0.15989822	BP813084	ref|Arabidopsis thaliana uncharacterized protein (AT5G12340) mRNA, complete cds [NM_121272]
BX813389	2.77	0.00225296	0.04171942	0.00316453	0.10865604	BX813389	ref|Arabidopsis thaliana O-acyltransferase (WSD1-like) family protein (AT5G12420) mRNA, complete cds [NM_121280]
BX816295	2.32	0.00260234	0.04527804	0.00675299	0.18329532	BX816295	ref|Arabidopsis thaliana uncharacterized protein (AT5G12900) mRNA, complete cds [NM_121293]
BX818763	-2.28	0.00063099	0.01816949	0.0023598	0.19688192	BX818763	tc|Rep: BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (20%) [
BX824487	3.71	0.00023384	0.00901462	0.00069593	0.0375537	BX824487	ref|Arabidopsis thaliana uncharacterized protein (AT5G12930) mRNA, complete cds [NM_121296]
BX832525	5.67	0.00000554	0.00061362	0.0001245	0.01121514	BX832525	ref|Arabidopsis thaliana putative WRKY transcription factor 75 (WRKY75) mRNA, complete cds [NM_121311]
BX833772	-3.87	0.00015977	0.0067837	0.00000354	0.00592593	AK228660	ref|Arabidopsis thaliana Pollen Ole e 1 allergen and extensin family protein (AT5G13140) mRNA, complete cds [NM_121317]
BX837598	-2.17	0.00210772	0.0398792	0.00369903	0.23296657	BX837598	tc|Rep: Cysteine-rich receptor-like protein kinase 14 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (21%) [TC389601]
CB253198	3.12	0.00026586	0.00987853	0.00142326	0.06194418	CB253198	ref|Arabidopsis thaliana uncharacterized protein (AT5G13190) mRNA, complete cds [NM_121322]
CB254228	2.86	0.00002537	0.00175445	0.00195069	0.07771806	CB254228	ref|Arabidopsis thaliana GEM-like protein 5 (AT5G13200) mRNA, complete cds [NM_121323]
CD531672	8.22	0.00000066	0.00018233	0.00003406	0.00462462	CD531672	ref|Arabidopsis thaliana auxin-responsive GH3 family protein (PBS3) mRNA, complete cds [NM_121335]
DQ108771	2.43	0.00149172	0.03218823	0.00494626	0.14734519	DQ108771	gb|Arabidopsis thaliana clone 206990 mRNA sequence [DQ108771]
DR223395	-3.03	0.00017728	0.00732099	0.0000805	0.035	DR223395	tc|GB|AL590346.1|CAC35882.1 putative protein [Arabidopsis thaliana] [NP335312]
DR225970	-2.41	0.00055149	0.01636379	0.00131026	0.15510471	DR225970	tc|GB|AC006436.5|AAD28317.1 unknown protein [Arabidopsis thaliana] [NP454139]
DR281172	-2.13	0.00244632	0.04365523	0.00501946	0.27021429	DR281172	tc|GB|AC012393.5|AAF26091.1 low temperature and salt responsive protein LTI6B [Arabidopsis thaliana] [NP502585]
DR283729	-2.02	0.0013632	0.03030681	0.00864883	0.33455945	DR283729	tc|AAD15384.1 - Arabidopsis thaliana (Mouse-ear cress), partial (68%) [TC400604]
DR285956	-2.43	0.00031106	0.01096336	0.00130363	0.15472441	DR285956	gb|111643 CERES-147 Arabidopsis thaliana cDNA clone 92344 5', mRNA sequence [DR223395]
DR368472	-7	0.0001924	0.00775421	0	0	DR368472	gb|16272 Lambda-PRL2 Arabidopsis thaliana cDNA clone 141I10T7, mRNA sequence [R86825]
DR381855	-2.23	0.00056795	0.01670848	0.00314728	0.21828221	DR381855	tc|Rep: Phospholipid hydroperoxide glutathione peroxidase 1, chloroplast precursor - Arabidopsis thaliana (Mouse-ear cress), partial (53%) [TC3
DR384226	-2.06	0.00154576	0.03287825	0.00659996	0.30831612	DR384226	tc|Rep: Chlorophyll a-b binding protein CP26, chloroplast precursor - Arabidopsis thaliana (Mouse-ear cress), partial (58%) [TC390573]
EF183092	2.19	0.00834407	0.09509044	0.0097751	0.23474774	EF183092	gb|145221 CERES-148 Arabidopsis thaliana cDNA clone 113471 5', mRNA sequence [DR283729]
EF183197	-2.03	0.00460114	0.06559387	0.00728726	0.31685577	EF183197	gb|1147136 CERES-147 Arabidopsis thaliana cDNA clone 268511 5', mRNA sequence [DR285956]
EG479048	2.46	0.00058274	0.01708903	0.00435891	0.13473001	EG479048	tc|Rep: Glutathione S-transferase - Arabidopsis thaliana (Mouse-ear cress), complete [TC395224]
EG506372	-2.23	0.0016322	0.03404438	0.00280584	0.208	EG506372	gb|12826078 CERES-AN65 Arabidopsis thaliana cDNA clone 1361839 5', mRNA sequence [DR368472]
EG525475	3.28	0.00121617	0.02826063	0.00145887	0.06288847	EG525475	tc|Rep: Uncharacterized protein At2g45960.3 - Arabidopsis thaliana (Mouse-ear cress), partial (26%) [TC397989]
N65547	2.01	0.00877857	0.09842967	0.01398916	0.30094672	N65547	tc|Rep: Thaumatin-like protein - Arabidopsis thaliana (Mouse-ear cress), partial (53%) [TC398678]
NP221653	2.51	0.00725764	0.08712253	0.00501106	0.14868766	NM_101622	tc|Rep: Uncharacterized protein At2g30860.2 - Arabidopsis thaliana (Mouse-ear cress), partial (39%) [TC394817]
NP335312	4	0.0000586	0.00323547	0.0005387	0.03127086	NP335312	tc|Rep: fructose-bisphosphate aldolase - Arabidopsis thaliana, partial (5%) [TC397800]
NP454139	2.09	0.00176065	0.03555905	0.01000686	0.23791272	NP454139	gb|1444835 CERES-148 Arabidopsis thaliana cDNA clone 256148 3', mRNA sequence [DR381855]
NP502585	-2.37	0.00624273	0.07931897	0.00109288	0.14492669	NP502585	gb|11451355 CERES-AN65 Arabidopsis thaliana cDNA clone 1355335 3', mRNA sequence [DR384226]
R65132	11.54	0.00000014	0.00009777	0.00000708	0.00148837	R65132	tc|Rep: Tryptophan synthase alpha chain - Arabidopsis thaliana (Mouse-ear cress), partial (28%) [TC400801]
R86825	-2.13	0.00070874	0.01962601	0.0049184	0.26893591	R86825	tc|Rep: Aquaporin PIP1-3 - Arabidopsis thaliana (Mouse-ear cress), partial (53%) [TC406263]
R90101	3.2	0.00068037	0.01910963	0.00152565	0.06496234	R90101	gb|6624176 CERES-AL45 Arabidopsis thaliana cDNA clone 1188351 5', mRNA sequence [DR358721]
T43901	-2.9	0.00144492	0.0314903	0.00013976	0.04824427	T43901	gb|Arabidopsis thaliana clone asmbl_13273 unknown mRNA sequence [EF183092]
T46212	-2.17	0.00213121	0.04017616	0.00397722	0.24108579	T46212	gb|Arabidopsis thaliana clone asmbl_241 unknown mRNA sequence [EF183197]
TA25759_37	2.63	0.00014233	0.00628551	0.0030931	0.10693425	TA25759_37(	tc|Rep: At2g25510/F13B15.17 - Arabidopsis thaliana (Mouse-ear cress), partial (41%) [TC388653]
TA26724_37	-2.07	0.00269155	0.0462431	0.00590977	0.29431718	TA26724_37(	gb|AYBFM47TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG479048]
TA27059_37	2.87	0.00005992	0.00328851	0.00198939	0.07870516	TA27059_37(	ref|Arabidopsis thaliana uncharacterized protein (AT4G29905) mRNA, complete cds [NM_148384]
TA28049_37	-2.41	0.00102172	0.02521943	0.00123065	0.15246575	TA28049_37(	tc|Rep: AT3g28480/MFJ20_16 - Arabidopsis thaliana (Mouse-ear cress), partial (31%) [TC395932]
TA29243_37	-2.31	0.00903402	0.100078	0.00126272	0.15390836	DR358721	gb|AYAUL68TR pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG506372]
TA29588_37	3.25	0.00121881	0.02829281	0.00143919	0.06239693	TA29588_37(	tc|Rep: Farnesylated protein - Arabidopsis thaliana (Mouse-ear cress), partial (71%) [TC389917]
TA31885_37	-2.06	0.00113848	0.02703893	0.00724768	0.31788555	NM_148384	ref|Arabidopsis thaliana receptor like protein 9 (RLP9) mRNA, complete cds [NM_104600]
TA34369_37	2.21	0.00034721	0.01184739	0.00713335	0.1900825	TA34369_37(	tc|Rep: At1g08940 - Arabidopsis thaliana (Mouse-ear cress), complete [TC393353]
TA36674_37	-2.94	0.00020651	0.00819887	0.00011322	0.04162602	TA36674_37(	tc|Rep: Meiotic recombination protein DMC1 homolog - Arabidopsis thaliana (Mouse-ear cress), partial (39%) [TC390238]
TA42103_37	3.95	0.00010839	0.00515394	0.00058271	0.0329375	NM_104600	ref|Arabidopsis thaliana RING/U-box domain-containing protein-like protein (AT5G53110) mRNA, complete cds [NM_124690]
TA44869_37	3.08	0.00029455	0.01057572	0.00154334	0.06553052	TA44869_37(	ref|Arabidopsis thaliana glyoxal oxidase-related protein (AT1G14430) mRNA, complete cds [NM_101310]
TA46521_37	-2.07	0.00325134	0.05219224	0.00612915	0.29963243	TA46521_37(	gb|AYAXN56TF pooled cDNA populations Arabidopsis thaliana cDNA, mRNA sequence [EG525475]
TA47679_37	3.65	0.00011274	0.00531116	0.00081955	0.04201814	NM_124690	tc|Rep: Glutathione S-transferase - Arabidopsis thaliana (Mouse-ear cress), partial (50%) [TC391473]
TA48850_37	-2.11	0.00063929	0.01829935	0.00575387	0.29104027	NM_101310	tc|Rep: AT5g19750/T29J13_170 - Arabidopsis thaliana (Mouse-ear cress), partial (22%) [TC394610]
TA50727_37	4.24	0.00077966	0.02097346	0.00051614	0.03039063	TA50727_37(	ref|Arabidopsis thaliana alpha/beta-hydrolase-like protein (AT4G22305) mRNA, complete cds [NM_001203868]
TA51157_37	2.15	0.00220455	0.04113558	0.00865834	0.21595698	TA51157_37(	tc|Rep: T15B16.17b protein - Arabidopsis thaliana (Mouse-ear cress), complete [TC393669]
TA51700_37	3.36	0.00202712	0.0389572	0.00136179	0.06013672	NM_0012038	ref|Arabidopsis thaliana S-locus lectin protein kinase-like protein (AT4G11900) mRNA, complete cds [NM_117260]
TC281085	2.35	0.00171822	0.03505349	0.00601703	0.16942092	NM_117260	ref|Arabidopsis thaliana TIR-NBS-LRR class disease resistance protein (AT1G17600) mRNA, complete cds [NM_101622]
TC309672	-2.38	0.00104712	0.0256228	0.00140491	0.16002519	TC396511	tc|Rep: Hydroxypyruvate reductase - Arabidopsis thaliana (Mouse-ear cress), partial (14%) [TC396511]
TC311632	-2.65	0.00617833	0.07874858	0.00021583	0.061	TC398683	tc|Rep: Fasciclin-like arabinogalactan protein 9 precursor - Arabidopsis thaliana (Mouse-ear cress), partial (31%) [TC398683]
TC313662	-2.02	0.0019936	0.0385509	0.00886267	0.33734848	TC403018	tc|Rep: F1N19.21 - Arabidopsis thaliana (Mouse-ear cress), complete [TC403018]

Supplementary Table S7: Global metabolomic profile of *arr6-3* plants.

Super pathway	Sub pathway	Biochemical name	Ratio *arr6-3* /Col-0[a]
More abundant in *arr6-3* than in Col-0 plants			
Amino acid	Aspartate family (OAA derived)	Pipecolate	1.42
		2-hydroxyadipate	1.52
	Glutamate family (alpha-ketoglutarate derived)	4-hydroxybutyrate (GHB)	**4.53**
Carbohydrate	Amino sugar and nucleotide sugar	Ribose	1.29
		Ribulose/xylulose	1.32
	Inositol metabolism	Myo-inositol	1.12
	Sucrose. glucose.fructose metabolism	Erythrulose	1.33
		Gluconate	1.71
Lipids	Lyso-phospholipids	1-palmitoyl-GPG (16:0)*	1.62
		1-linoleoyl-GPG (18:2)*	**2.61**
Cofactors. Prosthetic Groups. Electron Carriers	Nicotinate and nicotinamide metabolism	6-hydroxynicotinate	**1.24**
	Ascorbate metabolism	Ascorbate	1.98
	Thiamine metabolism	Thiamin	1.82
	Vitamin B metabolism (B6 or B12)	Pyridoxine	1.42
Nucleotide	Purine metabolism	Adenosine 2'-monophosphate	1.33
		N6-carbamoylthreonyladenosine	1.21
		N6-methyladenosine	1.42
	Pyrimidine metabolism	Cytidine	**1.28**
		Pseudouridine	1.37
Hormone	Ethylene metabolism	Cyano-alanine	1.65
Secondary metabolism	Benzenoids	Gentisate	3.37
	Glucosinolate metabolism	Sulforaphane-cysteine-glycine	1.59
	Phytoalexin	Camalexin	**2.85**
Less abundant in *arr6-3* than in Col-0 plants			
Amino acid	Aromatic amino acid metabolism (PEP derived)	Phenylpyruvate	0.71
		N-acetyltryptophan	0.85
		N-acetyltyrosine	0.81
	Aspartate family (OAA derived)	Asparagine	0.93
		Methionine sulfone	**0.78**
	Glutamate family (alpha-ketoglutarate derived)	N-acetylarginine	0.89
		N-alpha-acetylornithine	**0.68**
		N-monomethylarginine	**0.8**
	Branched Chain Amino Acids (pyruvate derived)	3-hydroxyisobutyrate	0.89
	Amines and polyamines	N-acetylputrescine	0.89
		Nicotianamine	0.84
Lipids	Phospholipids	1.2-dilinoleoyl-GPA (18:2/18:2)	0.77
		1-linoleoyl-2-linolenoyl-GPA (18:2/18:3)	0.79
		1-palmitoyl-2-linoleoyl-GPA (16:0/18:2)	0.82
		1.2-dilinolenoyl-GPA (18:3/18:3)	0.79
		1-palmitoyl-2-linoleoyl-GPI (16:0/18:2)	0.88
	Phospholipid Metabolism	Glycerophosphoglycerol	0.78
Nucleotide	Purine metabolism	1-methyladenine	0.88
		Allantoin	0.7
	Pyrimidine metabolism	Cytidine 5'-monophosphate	0.77
		Dihydroorotate	0.73
Xenobiotics	Chemicals	Thioproline	0.59

a: Metabolites with a p value lower than 0.1 are shown. Ratio of those with a p value lower than 0.05 are in bold.

Supplementary Table S8: Arabidopsis genotypes used in this study.

Name	AGI locus	Mutant	Background	Origin	Reference
agb1-2	At4g34460	T-DNA insertion line	Columbia-0 (Col-0)	A.M. Jones	Ullah H, Chen JG, Temple B, Boyes DC, Alonso JM, Davis KR, Ecker JR, Jones AM. (2003) The β-subunit of the Arabidopsis G protein negatively regulates auxin-induced cell division and affects multiple developmental processes. Plant Cell 15, 393-409.
arr6-2	At5g62920	SALK_008866	Col-0	NASC	This work
arr6-3	At5g62920	SALK_133123	Col-0	NASC	This work
Col-0^{AEQ}			Col-0	M. Knight	Knight MR, Campbell AK, Smith SM, Trewavas AJ (1991) Transgenic plant aequorin reports the effects of touch and cold-shock and elicitors on cytoplasmic calcium. Nature 352: 524-526
NahG			Col-0		Lawton K (1995) Systemic Acquired Resistance inArabidopsisRequires Salicylic Acid but Not Ethylene. Mol Plant-Microbe Interact 8: 863

Supplementary Table S9: Oligonucleotides used in this work.

Gene	AGI locus	Forward oligonucleotide	Reverse oligonucleotide
STZ	*AT1G27730*	GTAGCGTGTCCAACTCCGAA	TCAGGGATCGGAGGGATGTT
PHI-1	*AT1G35140*	TTGGTTTAGACGGGATGGTG	ACTCCAGTACAAGCCGATCC
WRKY40	*AT1G80840*	GATCCACCGACAAGTGCTTT	AGGGCTGATTTGATCCCTCT
WRKY33	*AT2G38470*	*ACGGCCAGAAAGTCGTTAAGG*	*CATGTCGTGTGATGCTCTCTCC*
MPK20	*AT2G42880*	GTAGCACGAGGAGGACAACC	TTGGTTTGGCTGCTGAGAGG
ERF6	*AT4G17490*	AAGCGGCTAGAGCTTACGAC	TTGTACAGGCCACGACCATC
ERF-1	*AT4G17500*	TTGCGGCGGAGATTAGAGAC	ATTCAACAAAGCGCGGGAAC
WRKY53	*AT4G23810*	*CACCAGAGTCAAACCAGCCATTA*	*CTTTACCATCATCAAGCCCATCGG*
UBQ21	*AT5G25760*	*GCTCTTATCAAAGGACCTTCGG*	*CGAACTTGAGGAGGTTGCAAAG*
CYP81F2	*AT5G57220*	TATTGTCCGCATGGTCACAGG	CCACTGTTGTCATTGATGTCCG
ARR6	*AT5G62920*	AGCCGGTAAAACTCTCGGAT	TGCGAGTGAACAGGGTAGAC