

1 Up-regulation

2	Gene ID	Description
3	LOC_Os12g15680.1	cDNA laccase precursor protein, putative, expressed
4	LOC_Os01g30956.1	cDNA retrotransposon protein, putative, unclassified, expressed
5	LOC_Os05g35070.1	cDNA DUF630/DUF632 domains containing protein, putative, expressed
6	LOC_Os03g52320.1	cDNA GRF-interacting factor 1, putative, expressed
7	LOC_Os04g05650.1	cDNA expressed protein
8	LOC_Os07g14514.1	cDNA retrotransposon protein, putative, unclassified, expressed
9	LOC_Os10g40490.1	cDNA U-box domain containing protein, expressed
10	LOC_Os12g12730.1	cDNA OsCML28 - Calmodulin-related calcium sensor protein, expressed
11	LOC_Os12g28590.1	cDNA ATPase 2, putative, expressed
12	LOC_Os03g07010.1	cDNA retrotransposon protein, putative, unclassified
13	LOC_Os03g45960.1	cDNA thaumatin, putative, expressed
14	LOC_Os04g01740.1	cDNA heat shock protein, putative, expressed
15	LOC_Os04g48490.1	cDNA fasciclin-like arabinogalactan protein, putative, expressed
16	LOC_Os07g02070.1	cDNA retrotransposon protein, putative, Ty3-gypsy subclass
17	LOC_Os10g01350.1	cDNA retrotransposon protein, putative, unclassified, expressed
18	LOC_Os12g37690.1	cDNA MYB family transcription factor, putative, expressed
19	LOC_Os02g50330.1	cDNA RNA-dependent RNA polymerase, putative, expressed
20	LOC_Os01g42860.1	cDNA inhibitor I family protein, putative, expressed
21	LOC_Os02g30910.1	cDNA nodulin MtN3 family protein, putative, expressed
22	LOC_Os03g51350.1	cDNA expressed protein
23	LOC_Os04g52310.1	cDNA metal cation transporter, putative, expressed
24	LOC_Os04g59260.1	cDNA peroxidase precursor, putative, expressed
25	LOC_Os06g19110.1	cDNA cadmium tolerance factor, putative, expressed
26	LOC_Os07g27390.1	cDNA retrotransposon protein, putative, unclassified, expressed
27	LOC_Os09g01360.1	cDNA expressed protein
28	LOC_Os11g42160.1	cDNA F-box/LRR-repeat protein 3, putative, expressed
29	LOC_Os12g12850.2	cDNA ATP-dependent Clp protease ATP-binding subunit clpA homolog, chloroplast
30		precursor, putative, expressed
31	LOC_Os12g26940.1	cDNA CHASE domain containing protein, expressed
32	LOC_Os03g08320.1	cDNA ZIM domain containing protein, putative, expressed
33	LOC_Os04g35130.1	cDNA expressed protein
34	LOC_Os07g11739.1	cDNA cytochrome P450, putative, expressed
35	LOC_Os10g22630.1	cDNA expressed protein
36	LOC_Os10g22630.2	cDNA expressed protein
37	LOC_Os11g38580.1	cDNA NBS-LRR type disease resistance protein, putative, expressed
38	LOC_Os12g36830.1	cDNA pathogenesis-related Bet v I family protein, putative, expressed
39	LOC_Os01g39136.1	cDNA retrotransposon protein, putative, unclassified, expressed
40	LOC_Os01g65169.1	cDNA proton-dependent oligopeptide transport, putative, expressed
41	LOC_Os03g56580.1	cDNA no apical meristem protein, putative, expressed
42	LOC_Os04g18140.1	cDNA transposon protein, putative, Mutator sub-class, expressed
43	LOC_Os04g58090.1	cDNA harpin-induced protein 1 domain containing protein, expressed
44	LOC_Os05g01330.1	cDNA expressed protein

45	LOC_Os05g13320.1	cDNA C4-dicarboxylate transporter/malic acid transport protein, expressed
46	LOC_Os05g16240.1	cDNA expressed protein
47	LOC_Os06g45184.2	cDNA retrotransposon protein, putative, Ty3-gypsy subclass, expressed
48	LOC_Os07g17230.1	cDNA WRKY123, expressed
49	LOC_Os07g35940.1	cDNA beta-amylase, putative, expressed
50	LOC_Os07g40300.1	cDNA ZOS7-10 - C2H2 zinc finger protein, expressed
51	LOC_Os08g43620.1	cDNA expressed protein
52	LOC_Os09g11160.1	cDNA expressed protein
53	LOC_Os09g17560.1	cDNA O-methyltransferase, putative, expressed
54	LOC_Os10g11500.1	cDNA SCP-like extracellular protein, expressed
55	LOC_Os10g26340.1	cDNA cytochrome P450, putative, expressed
56	LOC_Os10g34930.1	cDNA secretory protein, putative, expressed
57	LOC_Os11g26570.1	cDNA dehydrin, putative, expressed
58	LOC_Os11g31420.1	cDNA expressed protein
59	LOC_Os11g31705.1	cDNA expressed protein
60	LOC_Os11g34970.1	cDNA NB-ARC domain containing protein, expressed
61	LOC_Os11g45990.1	cDNA von Willebrand factor type A domain containing protein, putative, expressed
62	LOC_Os12g11370.1	cDNA verticillium wilt disease resistance protein, putative, expressed
63	LOC_Os12g12854.1	cDNA expressed protein
64	LOC_Os12g40920.1	cDNA bZIP transcription factor domain containing protein, expressed
65	LOC_Os12g44110.2	cDNA ligA, putative, expressed
66	LOC_Os01g15740.1	cDNA expressed protein
67	LOC_Os04g37490.1	cDNA oxidoreductase, aldo/keto reductase family protein, putative, expressed
68	LOC_Os05g30700.1	cDNA expressed protein
69	LOC_Os07g32680.1	cDNA retrotransposon protein, putative, unclassified, expressed
70	LOC_Os07g33290.1	cDNA hypothetical protein
71	LOC_Os08g35630.1	cDNA MTD1, putative, expressed
72	LOC_Os08g39730.1	cDNA cytochrome P450, putative, expressed
73	LOC_Os12g07420.1	cDNA transmembrane protein 17, putative, expressed
74	LOC_Os12g09190.1	cDNA expressed protein
75	LOC_Os12g12010.1	cDNA verticillium wilt disease resistance protein precursor, putative, expressed
76	LOC_Os12g28880.1	cDNA LTPL110 - Protease inhibitor/seed storage/LTP family protein precursor,
77		putative, expressed
78	LOC_Os12g40920.3	cDNA bZIP transcription factor domain containing protein, expressed
79	LOC_Os01g03390.1	cDNA BBTI7 - Bowman-Birk type bran trypsin inhibitor precursor, expressed
80	LOC_Os01g06740.1	cDNA ribosome inactivating protein, putative, expressed
81	LOC_Os01g28450.1	cDNA SCP-like extracellular protein, expressed
82	LOC_Os01g28744.1	cDNA retrotransposon protein, putative, unclassified, expressed
83	LOC_Os01g47300.1	cDNA retrotransposon protein, putative, unclassified, expressed
84	LOC_Os01g71624.5	cDNA expressed protein
85	LOC_Os01g72530.1	cDNA OsCML31 - Calmodulin-related calcium sensor protein, expressed
86	LOC_Os02g04130.1	cDNA DUF1645 domain containing protein, putative, expressed
87	LOC_Os02g17400.1	cDNA leucine rich repeat protein, putative, expressed
88	LOC_Os02g29300.1	cDNA expressed protein

89	LOC_Os02g53690.1	cDNA growth regulating factor protein, putative, expressed
90	LOC_Os02g57990.4	cDNA methionine adenosyltransferase regulatory beta subunit-related, putative,
91		expressed
92	LOC_Os03g23210.1	cDNA retrotransposon protein, putative, unclassified, expressed
93	LOC_Os03g46060.1	cDNA thaumatin family domain containing protein, expressed
94	LOC_Os03g46070.1	cDNA thaumatin, putative, expressed
95	LOC_Os04g03370.1	cDNA cysteine-rich receptor-like protein kinase 41 precursor, putative, expressed
96	LOC_Os04g13160.1	cDNA OsFBD9 - F-box and FBD domain containing protein, expressed
97	LOC_Os04g46970.1	cDNA glucosyltransferase, putative, expressed
98	LOC_Os04g54560.1	cDNA transferase family protein, putative, expressed
99	LOC_Os05g11900.1	cDNA expressed protein
100	LOC_Os05g49700.1	cDNA AP2 domain containing protein, expressed
101	LOC_Os06g04230.1	cDNA expressed protein
102	LOC_Os06g16640.1	cDNA carboxyl-terminal peptidase, putative, expressed
103	LOC_Os06g25010.1	cDNA glycosyl hydrolase, putative, expressed
104	LOC_Os06g29260.3	cDNA retrotransposon protein, putative, unclassified, expressed
105	LOC_Os06g40300.1	cDNA transposon protein, putative, unclassified
106	LOC_Os06g41340.1	cDNA retrotransposon protein, putative, unclassified, expressed
107	LOC_Os07g03710.1	cDNA SCP-like extracellular protein, expressed
108	LOC_Os07g03730.1	cDNA SCP-like extracellular protein, expressed
109	LOC_Os07g09420.1	cDNA ATPase, putative, expressed
110	LOC_Os07g25550.1	cDNA hAT dimerisation domain-containing protein, putative, expressed
111	LOC_Os07g25960.1	cDNA retrotransposon protein, putative, unclassified, expressed
112	LOC_Os07g26900.1	cDNA alpha-galactosidase precursor, putative, expressed
113	LOC_Os07g35510.1	cDNA glucan endo-1,3-beta-glucosidase precursor, putative, expressed
114	LOC_Os07g35790.1	cDNA TKL_IRAK_DUF26-ld.5 - DUF26 kinases have homology to DUF26 containing loci,
115		expressed
116	LOC_Os07g41060.1	cDNA dihydroflavonol-4-reductase, putative, expressed
117	LOC_Os07g43604.1	cDNA expressed protein
118	LOC_Os08g23280.1	cDNA expressed protein
119	LOC_Os09g09650.1	cDNA retrotransposon protein, putative, Ty3-gypsy subclass, expressed
120	LOC_Os09g19350.1	cDNA expressed protein
121	LOC_Os09g29710.1	cDNA beta-expansin precursor, putative, expressed
122	LOC_Os09g31430.1	cDNA Os9bglu30 - beta-glucosidase, similar to Os4bglu12 exoglucanase, expressed
123	LOC_Os10g04625.1	cDNA expressed protein
124	LOC_Os10g18820.1	cDNA dirigent, putative, expressed
125	LOC_Os10g22394.1	cDNA retrotransposon protein, putative, unclassified, expressed
126	LOC_Os10g28120.1	cDNA glycosyl hydrolase, putative, expressed
127	LOC_Os10g38360.1	cDNA glutathione S-transferase, putative, expressed
128	LOC_Os11g10710.1	cDNA protein kinase domain containing protein, expressed
129	LOC_Os11g19864.1	cDNA transposon protein, putative, Pong sub-class, expressed
130	LOC_Os11g24890.1	cDNA expressed protein
131	LOC_Os11g26790.1	cDNA dehydrin, putative, expressed
132	LOC_Os11g37960.1	cDNA WIP4 - Wound-induced protein precursor, expressed

133	LOC_Os12g12140.1	cDNA expressed protein
134	LOC_Os12g15530.1	cDNA retrotransposon protein, putative, unclassified, expressed
135	LOC_Os12g17480.1	cDNA MLA12, putative, expressed
136	LOC_Os12g29400.1	cDNA GRAM domain containing protein, expressed
137	LOC_Os12g36850.1	cDNA pathogenesis-related Bet v I family protein, putative, expressed
138	LOC_Os12g43380.1	cDNA thaumatin, putative, expressed
139	LOC_Os12g43390.1	cDNA thaumatin, putative, expressed
140	LOC_Os01g05870.1	cDNA receptor kinase, putative, expressed
141	LOC_Os01g63380.1	cDNA transposon protein, putative, unclassified, expressed
142	LOC_Os02g06580.1	cDNA formin, putative, expressed
143	LOC_Os02g07650.1	cDNA zinc-binding protein, putative, expressed
144	LOC_Os02g39220.1	cDNA transposon protein, putative, unclassified, expressed
145	LOC_Os05g31020.1	cDNA eukaryotic peptide chain release factor subunit 1-1, putative, expressed
146	LOC_Os05g33130.1	cDNA CHIT17 - Chitinase family protein precursor, expressed
147	LOC_Os07g35004.1	cDNA TKL_IRAK_DUF26-la.4 - DUF26 kinases have homology to DUF26 containing loci,
148		expressed
149	LOC_Os07g46846.1	cDNA sex determination protein tasselseed-2, putative, expressed
150	LOC_Os08g08980.1	cDNA cupin domain containing protein, expressed
151	LOC_Os10g04730.1	cDNA TKL_IRAK_DUF26-la.6 - DUF26 kinases have homology to DUF26 containing loci,
152		expressed
153	LOC_Os11g33270.1	cDNA glycosyl hydrolases family 16, putative, expressed
154	LOC_Os11g37950.1	cDNA WIP3 - Wound-induced protein precursor, expressed
155	LOC_Os11g40130.1	cDNA expressed protein
156	LOC_Os12g33130.1	cDNA expressed protein
157	LOC_Os01g04330.1	cDNA OsCML16 - Calmodulin-related calcium sensor protein, expressed
158	LOC_Os01g13610.1	cDNA isoflavone reductase homolog IRL, putative, expressed
159	LOC_Os01g21520.1	cDNA esterase/lipase/thioesterase family protein, putative, expressed
160	LOC_Os01g37325.1	cDNA retrotransposon protein, putative, unclassified, expressed
161	LOC_Os02g09250.1	cDNA cytochrome P450 71D10, putative, expressed
162	LOC_Os02g16940.1	cDNA OsSub13 - Putative Subtilisin homologue, expressed
163	LOC_Os02g35970.1	cDNA BTBN2 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic
164		hypocotyl 3 NPH3 and coiled-coil domains, expressed
165	LOC_Os02g40330.1	cDNA retrotransposon protein, putative, Ty3-gypsy subclass, expressed
166	LOC_Os02g43370.1	cDNA transposon protein, putative, unclassified, expressed
167	LOC_Os02g49510.1	cDNA amino acid transporter, putative, expressed
168	LOC_Os02g51930.1	cDNA cytokinin-O-glucosyltransferase 2, putative, expressed
169	LOC_Os02g53620.1	cDNA nuclear transcription factor Y subunit, putative, expressed
170	LOC_Os03g12510.1	cDNA non-symbiotic hemoglobin 2, putative, expressed
171	LOC_Os03g51910.1	cDNA basic helix-loop-helix protein, putative, expressed
172	LOC_Os03g63124.1	cDNA retrotransposon protein, putative, unclassified, expressed
173	LOC_Os04g12960.1	cDNA UDP-glucuronosyl/UDP-glucosyl transferase, putative, expressed
174	LOC_Os04g17650.1	cDNA sucrose synthase, putative, expressed
175	LOC_Os04g36780.1	cDNA expressed protein
176	LOC_Os04g43680.1	cDNA MYB family transcription factor, putative, expressed

177	LOC_Os04g52504.1	cDNA adhesive/proline-rich protein, putative, expressed
178	LOC_Os05g15770.1	cDNA glycosyl hydrolase, putative, expressed
179	LOC_Os05g45820.1	cDNA heavy metal-associated domain containing protein, expressed
180	LOC_Os06g11290.1	cDNA 12-oxophytodienoate reductase, putative, expressed
181	LOC_Os06g21620.3	cDNA expressed protein
182	LOC_Os06g24310.1	cDNA retrotransposon protein, putative, unclassified, expressed
183	LOC_Os06g40240.1	cDNA retrotransposon protein, putative, unclassified, expressed
184	LOC_Os07g03810.1	cDNA lectin-like receptor kinase 7, putative, expressed
185	LOC_Os07g04040.1	cDNA expressed protein
186	LOC_Os07g04560.1	cDNA no apical meristem protein, putative, expressed
187	LOC_Os07g13660.1	cDNA UDP-glucuronosyl and UDP-glucosyl transferase domain containing protein,
188		expressed
189	LOC_Os07g17330.1	cDNA B12D protein, putative, expressed
190	LOC_Os07g23390.1	cDNA expressed protein
191	LOC_Os07g30240.1	cDNA mutS family domain IV containing protein, expressed
192	LOC_Os07g32710.1	cDNA retrotransposon protein, putative, unclassified, expressed
193	LOC_Os08g31850.1	cDNA expressed protein
194	LOC_Os08g40680.1	cDNA glycosyl hydrolase, putative, expressed
195	LOC_Os09g03140.1	cDNA cytokinin-O-glucosyltransferase 2, putative, expressed
196	LOC_Os09g24580.1	cDNA EF hand family protein, putative, expressed
197	LOC_Os09g36810.1	cDNA beta-galactosidase precursor, putative, expressed
198	LOC_Os10g03850.3	cDNA OsFBX352 - F-box domain containing protein, expressed
199	LOC_Os10g10290.1	cDNA retrotransposon protein, putative, unclassified, expressed
200	LOC_Os10g28350.1	cDNA 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase protein, putative,
201		expressed
202	LOC_Os10g39680.1	cDNA CHIT14 - Chitinase family protein precursor, expressed
203	LOC_Os11g10490.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
204	LOC_Os11g31680.1	cDNA retrotransposon protein, putative, unclassified, expressed
205	LOC_Os11g37700.1	cDNA pleiotropic drug resistance protein, putative, expressed
206	LOC_Os11g38050.1	cDNA phosphoesterase family protein, putative, expressed
207	LOC_Os11g39940.1	cDNA transposon protein, putative, unclassified, expressed
208	LOC_Os11g41410.1	cDNA expressed protein
209	LOC_Os11g42240.1	cDNA OsFBX431 - F-box domain containing protein, expressed
210	LOC_Os11g47600.1	cDNA glycosyl hydrolase, putative, expressed
211	LOC_Os12g07400.1	cDNA expressed protein
212	LOC_Os12g09140.1	cDNA expressed protein
213	LOC_Os12g14480.1	cDNA cysteine-rich receptor-like protein kinase 23 precursor, putative, expressed
214	LOC_Os12g14520.1	cDNA expressed protein
215	LOC_Os12g14699.1	cDNA protein kinase domain containing protein, expressed
216	LOC_Os12g17490.1	cDNA stripe rust resistance protein Yr10, putative, expressed
217	LOC_Os12g17500.1	cDNA expressed protein
218	LOC_Os12g26290.5	cDNA alpha-DOX2, putative, expressed
219	LOC_Os12g26470.1	cDNA aspartic proteinase nepenthesin-1 precursor, putative, expressed
220	LOC_Os12g37519.2	cDNA retrotransposon protein, putative, unclassified, expressed

221	LOC_Os01g02300.1	cDNA receptor kinase ORK10, putative, expressed
222	LOC_Os01g06310.1	cDNA glycine-rich cell wall structural protein precursor, putative, expressed
223	LOC_Os01g09470.1	cDNA IQ calmodulin-binding motif family protein, expressed
224	LOC_Os01g38359.1	cDNA peptidyl-prolyl cis-trans isomerase, FKBP-type, putative, expressed
225	LOC_Os01g42190.1	cDNA heat shock protein DnaJ, putative, expressed
226	LOC_Os01g67810.1	cDNA transposon protein, putative, unclassified, expressed
227	LOC_Os02g06754.1	cDNA expressed protein
228	LOC_Os02g06760.1	cDNA expressed protein
229	LOC_Os02g06960.1	cDNA expressed protein
230	LOC_Os03g09880.1	cDNA AIR12, putative, expressed
231	LOC_Os04g08360.1	cDNA expressed protein
232	LOC_Os04g18770.1	cDNA retrotransposon protein, putative, unclassified, expressed
233	LOC_Os05g01380.1	cDNA polygalacturonase inhibitor precursor, putative, expressed
234	LOC_Os05g46830.1	cDNA proline-rich protein, putative, expressed
235	LOC_Os06g39600.2	cDNA protein phosphatase 2C, putative, expressed
236	LOC_Os06g43304.1	cDNA cytochrome P450, putative, expressed
237	LOC_Os06g48210.1	cDNA DEAD-box ATP-dependent RNA helicase, putative, expressed
238	LOC_Os07g14514.3	cDNA retrotransposon protein, putative, unclassified, expressed
239	LOC_Os07g23720.1	cDNA B4-BTB4 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with B4 subfamily
240		conserved sequence, expressed
241	LOC_Os08g31090.1	cDNA expressed protein
242	LOC_Os11g24590.1	cDNA transposon protein, putative, Pong sub-class, expressed
243	LOC_Os11g42200.1	cDNA laccase precursor protein, putative, expressed
244	LOC_Os12g12130.1	cDNA verticillium wilt disease resistance protein, putative, expressed
245	LOC_Os12g29290.1	cDNA disease resistance protein RGA3, putative, expressed
246	LOC_Os01g02830.1	cDNA receptor-like kinase ARK1AS, putative, expressed
247	LOC_Os01g08600.1	cDNA expressed protein
248	LOC_Os01g20820.1	cDNA expressed protein
249	LOC_Os01g54030.1	cDNA NADP-dependent malic enzyme, putative, expressed
250	LOC_Os01g58280.1	cDNA OsSub8 - Putative Subtilisin homologue, expressed
251	LOC_Os01g59300.1	cDNA expressed protein
252	LOC_Os02g06779.1	cDNA expressed protein
253	LOC_Os02g36280.1	cDNA cytochrome P450, putative, expressed
254	LOC_Os02g48570.1	cDNA peptide transporter PTR2, putative, expressed
255	LOC_Os03g02874.1	cDNA retrotransposon protein, putative, Ty3-gypsy subclass, expressed
256	LOC_Os03g16920.1	cDNA DnaK family protein, putative, expressed
257	LOC_Os03g24830.1	cDNA uncharacterized protein HI0077, putative, expressed
258	LOC_Os03g30740.1	cDNA expressed protein
259	LOC_Os03g55389.1	cDNA casein kinase II subunit alpha-1, putative, expressed
260	LOC_Os03g59450.1	cDNA transporter-related, putative, expressed
261	LOC_Os04g03380.1	cDNA legume lectins beta domain containing protein, putative, expressed
262	LOC_Os04g13210.1	cDNA multidrug resistance-associated protein, putative, expressed
263	LOC_Os04g16440.1	cDNA retrotransposon protein, putative, unclassified
264	LOC_Os04g20010.1	cDNA retrotransposon protein, putative, unclassified, expressed

265	LOC_Os04g22080.1	cDNA retrotransposon protein, putative, unclassified, expressed
266	LOC_Os04g30200.1	cDNA OsFBL14 - F-box domain and LRR containing protein, expressed
267	LOC_Os04g34230.1	cDNA RING-H2 finger protein, putative, expressed
268	LOC_Os05g05390.1	cDNA expressed protein
269	LOC_Os05g24580.1	cDNA MEMO1, putative, expressed
270	LOC_Os05g39250.1	cDNA phosphatidylethanolamine-binding protein, putative, expressed
271	LOC_Os05g43390.1	cDNA signal recognition particle 54 kDa protein, putative, expressed
272	LOC_Os06g38660.1	cDNA expressed protein
273	LOC_Os06g46740.1	cDNA early nodulin 20 precursor, putative, expressed
274	LOC_Os07g09710.1	cDNA OsFBX220 - F-box domain containing protein, expressed
275	LOC_Os07g23510.1	cDNA expressed protein
276	LOC_Os07g40290.1	cDNA OsGH3.8 - Probable indole-3-acetic acid-amido synthetase, expressed
277	LOC_Os08g02030.1	cDNA transferase family protein, putative, expressed
278	LOC_Os08g13780.1	cDNA U-box domain-containing protein, putative, expressed
279	LOC_Os08g34300.1	cDNA retrotransposon protein, putative, unclassified, expressed
280	LOC_Os08g34830.1	cDNA hAT dimerisation domain-containing protein, putative, expressed
281	LOC_Os08g41070.1	cDNA retrotransposon protein, putative, unclassified, expressed
282	LOC_Os09g17190.1	cDNA OsFBX320 - F-box domain containing protein, expressed
283	LOC_Os09g21120.1	cDNA armadillo/beta-catenin repeat family protein, putative, expressed
284	LOC_Os09g21180.1	cDNA homeobox associated leucine zipper, putative, expressed
285	LOC_Os09g27260.1	cDNA plant viral response family protein, putative, expressed
286	LOC_Os09g28210.1	cDNA bHelix-loop-helix transcription factor, putative, expressed
287	LOC_Os09g28520.1	cDNA expressed protein
288	LOC_Os09g29690.1	cDNA beta-expansin precursor, putative, expressed
289	LOC_Os09g39280.1	cDNA expressed protein
290	LOC_Os10g05820.1	cDNA POEI5 - Pollen Ole e I allergen and extensin family protein precursor,
291		expressed
292	LOC_Os10g37960.1	cDNA retrotransposon protein, putative, unclassified, expressed
293	LOC_Os10g41410.2	cDNA nucleoside diphosphate kinase, putative, expressed
294	LOC_Os10g41550.1	cDNA beta-amylase, putative, expressed
295	LOC_Os11g19840.1	cDNA O-methyltransferase, putative, expressed
296	LOC_Os11g25330.1	cDNA nucleoside-triphosphatase, putative, expressed
297	LOC_Os11g26760.1	cDNA dehydrin, putative, expressed
298	LOC_Os11g26780.1	cDNA dehydrin, putative, expressed
299	LOC_Os11g31450.1	cDNA expressed protein
300	LOC_Os11g33310.1	cDNA OsFBX424 - F-box domain containing protein, expressed
301	LOC_Os11g33320.1	cDNA OsFBX425 - F-box domain containing protein, expressed
302	LOC_Os11g40150.1	cDNA DNA repair protein Rad51, putative, expressed
303	LOC_Os11g43990.1	cDNA expressed protein
304	LOC_Os11g44014.1	cDNA retrotransposon protein, putative, unclassified, expressed
305	LOC_Os12g08025.1	cDNA expressed protein
306	LOC_Os12g08030.1	cDNA expressed protein
307	LOC_Os12g12570.1	cDNA expressed protein
308	LOC_Os12g17400.1	cDNA retrotransposon protein, putative, unclassified

309	LOC_Os12g22110.1	cDNA ABC-2 type transporter, putative, expressed
310	LOC_Os12g32280.1	cDNA SWIB/MDM2 domain containing protein, expressed
311	LOC_Os12g43450.1	cDNA thaumatin family domain containing protein, expressed
312	LOC_Os01g03830.1	cDNA retrotransposon protein, putative, unclassified, expressed
313	LOC_Os01g06836.1	cDNA disease resistance protein SlVe2 precursor, putative, expressed
314	LOC_Os01g28790.1	cDNA PRAS-rich protein, putative, expressed
315	LOC_Os01g40860.1	cDNA aldehyde dehydrogenase, putative, expressed
316	LOC_Os01g42110.1	cDNA nodulin MtN3 family protein, putative, expressed
317	LOC_Os01g53750.1	cDNA glucan endo-1,3-beta-glucosidase precursor, putative, expressed
318	LOC_Os02g57090.1	cDNA anthranilate phosphoribosyltransferase, putative, expressed
319	LOC_Os03g56540.3	cDNA heat shock protein DnaJ, putative, expressed
320	LOC_Os04g57810.1	cDNA GA18008-PA, putative, expressed
321	LOC_Os04g57880.1	cDNA heat shock protein DnaJ, putative, expressed
322	LOC_Os07g03250.1	cDNA AP2-like ethylene-responsive transcription factor PLETHORA 2, putative,
323		expressed
324	LOC_Os09g39290.1	cDNA retrotransposon protein, putative, unclassified, expressed
325	LOC_Os10g04660.1	cDNA expressed protein
326	LOC_Os10g20810.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
327	LOC_Os11g31430.1	cDNA expressed protein
328	LOC_Os11g38160.1	cDNA transporter family protein, putative, expressed
329	LOC_Os12g08000.1	cDNA 5-nucleotidase domain-containing protein, putative, expressed
330		
331	Down-regulation	
332	GeneID	Description
333	LOC_Os07g07715.1	cDNA expressed protein
334	LOC_Os01g42320.1	cDNA aspartic proteinase nepenthesin-2 precursor, putative, expressed
335	LOC_Os04g29770.1	cDNA wall-associated receptor kinase-like 3 precursor, putative, expressed
336	LOC_Os04g29810.1	cDNA expressed protein
337	LOC_Os07g35985.1	cDNA expressed protein
338	LOC_Os08g25250.1	cDNA retrotransposon protein, putative, unclassified, expressed
339	LOC_Os11g40160.1	cDNA expressed protein
340	LOC_Os12g11220.1	cDNA expressed protein
341	LOC_Os12g28137.1	cDNA ATPase 3, putative, expressed
342	LOC_Os01g68300.1	cDNA expressed protein
343	LOC_Os08g08690.1	cDNA expressed protein
344	LOC_Os10g11870.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
345	LOC_Os11g03520.1	cDNA GDSL-like lipase/acylhydrolase, putative, expressed
346	LOC_Os11g10850.1	cDNA dirigent, putative, expressed
347	LOC_Os11g37490.1	cDNA expressed protein
348	LOC_Os12g12850.1	cDNA ATP-dependent Clp protease ATP-binding subunit clpA homolog, chloroplast
349		precursor, putative, expressed
350	LOC_Os03g18740.1	cDNA oxidoreductase, short chain dehydrogenase/reductase family, putative,
351		expressed
352	LOC_Os04g30180.1	cDNA F-box/LRR-repeat protein 14, putative, expressed

353	LOC_Os02g24190.1	cDNA cyclin-T1-2, putative, expressed
354	LOC_Os02g53180.2	cDNA 1-aminocyclopropane-1-carboxylate oxidase protein, putative, expressed
355	LOC_Os03g26229.1	cDNA 40S ribosomal protein S9-1, putative, expressed
356	LOC_Os03g29184.1	cDNA expressed protein
357	LOC_Os04g21130.1	cDNA F-box protein PP2-B1, putative, expressed
358	LOC_Os04g29790.1	cDNA OsWAK40 - OsWAK receptor-like protein OsWAK-RLP, expressed
359	LOC_Os06g38120.1	cDNA low-affinity cation transporter, putative, expressed
360	LOC_Os06g42240.1	cDNA transposon protein, putative, unclassified, expressed
361	LOC_Os07g07760.1	cDNA expressed protein
362	LOC_Os07g17270.1	cDNA retrotransposon protein, putative, unclassified, expressed
363	LOC_Os07g18750.1	cDNA LTPL42 - Protease inhibitor/seed storage/LTP family protein precursor,
364		expressed
365	LOC_Os07g35140.1	cDNA receptor-like serine-threonine protein kinase, putative, expressed
366	LOC_Os08g10630.1	cDNA metal cation transporter, putative, expressed
367	LOC_Os08g25734.2	cDNA glucose-1-phosphate adenyltransferase large subunit, chloroplast precursor,
368		putative, expressed
369	LOC_Os11g38330.2	cDNA ZOS11-06 - C2H2 zinc finger protein, expressed
370	LOC_Os11g40390.1	cDNA expressed protein
371	LOC_Os11g42040.1	cDNA non-TIR-NBS-LRR type resistance protein, putative, expressed
372	LOC_Os12g12000.1	cDNA RALFL46 - Rapid Alkalinization Factor RALF family protein precursor, expressed
373	LOC_Os12g17160.1	cDNA flavonol sulfotransferase, putative, expressed
374	LOC_Os12g33610.1	cDNA phenylalanine ammonia-lyase, putative, expressed
375	LOC_Os05g43340.1	cDNA retrotransposon protein, putative, unclassified, expressed
376	LOC_Os07g40690.1	cDNA NAD dependent epimerase/dehydratase family protein, putative, expressed
377	LOC_Os10g19910.1	cDNA expressed protein
378	LOC_Os11g48110.1	cDNA phenylalanine ammonia-lyase, putative, expressed
379	LOC_Os12g27370.1	cDNA expressed protein
380	LOC_Os12g34796.1	cDNA expressed protein
381	LOC_Os01g23600.1	cDNA expressed protein
382	LOC_Os01g42780.1	cDNA cysteine proteinase EP-B 2 precursor, putative, expressed
383	LOC_Os02g04945.1	cDNA phosphatidate cytidyltransferase family protein, putative, expressed
384	LOC_Os02g06560.1	cDNA wound induced protein, putative, expressed
385	LOC_Os02g50540.1	cDNA expressed protein
386	LOC_Os03g20780.1	cDNA ethylene-insensitive 3, putative, expressed
387	LOC_Os04g26590.1	cDNA expressed protein
388	LOC_Os04g30030.1	cDNA cysteine-rich receptor-like protein kinase 12 precursor, putative, expressed
389	LOC_Os04g30160.1	cDNA OsWAK46 - OsWAK receptor-like protein kinase, expressed
390	LOC_Os04g30330.1	cDNA OsWAK59 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK, expressed
391	LOC_Os04g49500.1	cDNA U-box domain-containing protein, putative, expressed
392	LOC_Os06g41030.1	cDNA DUF1680 domain containing protein, putative, expressed
393	LOC_Os06g48810.1	cDNA OsHKT2;1 - Na ⁺ transporter, expressed
394	LOC_Os07g03960.1	cDNA transporter family protein, putative, expressed
395	LOC_Os07g06500.1	cDNA OsFBL34 - F-box domain and LRR containing protein, expressed
396	LOC_Os07g07820.1	cDNA expressed protein

397	LOC_Os07g08290.1	cDNA expressed protein
398	LOC_Os07g09675.1	cDNA expressed protein
399	LOC_Os07g13534.1	cDNA expressed protein
400	LOC_Os07g30280.1	cDNA csAtPR5, putative, expressed
401	LOC_Os07g35810.1	cDNA TKL_IRAK_DUF26-ld.6 - DUF26 kinases have homology to DUF26 containing loci,
402		expressed
403	LOC_Os07g35979.1	cDNA expressed protein
404	LOC_Os07g40850.1	cDNA retrotransposon protein, putative, unclassified, expressed
405	LOC_Os07g48170.1	cDNA nucleotidyltransferase, putative, expressed
406	LOC_Os08g02070.1	cDNA OsMADS26 - MADS-box family gene with MIKCC type-box, expressed
407	LOC_Os08g02900.1	cDNA expressed protein
408	LOC_Os08g02990.1	cDNA retrotransposon protein, putative, unclassified, expressed
409	LOC_Os08g06280.9	cDNA LSD1 zinc finger domain containing protein, expressed
410	LOC_Os09g18020.1	cDNA senescence-induced receptor-like serine/threonine-protein kinase precursor,
411		putative, expressed
412	LOC_Os10g04570.1	cDNA expressed protein
413	LOC_Os10g09684.1	cDNA expressed protein
414	LOC_Os10g20480.2	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
415	LOC_Os10g34730.1	cDNA GEM, putative, expressed
416	LOC_Os10g40430.1	cDNA LTPL139 - Protease inhibitor/seed storage/LTP family protein precursor,
417		expressed
418	LOC_Os11g40249.2	cDNA expressed protein
419	LOC_Os11g42030.1	cDNA expressed protein
420	LOC_Os12g11830.1	cDNA expressed protein
421	LOC_Os12g23754.1	cDNA expressed protein
422	LOC_Os12g25494.1	cDNA transposon protein, putative, unclassified, expressed
423	LOC_Os12g26480.1	cDNA expressed protein
424	LOC_Os12g27335.1	cDNA expressed protein
425	LOC_Os12g40880.2	cDNA phosphoribulokinase/Uridine kinase family protein, expressed
426	LOC_Os02g47920.1	cDNA ZOS2-16 - C2H2 zinc finger protein, expressed
427	LOC_Os03g40060.1	cDNA expressed protein
428	LOC_Os05g25240.1	cDNA expressed protein
429	LOC_Os06g44540.1	cDNA HOTHEAD precursor, putative, expressed
430	LOC_Os06g48560.1	cDNA transferase family protein, putative, expressed
431	LOC_Os07g08350.1	cDNA C4-dicarboxylate transporter/malic acid transport protein, expressed
432	LOC_Os07g14430.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
433	LOC_Os07g35880.1	cDNA beta-amylase, putative, expressed
434	LOC_Os07g48980.1	cDNA nicotianamine synthase, putative, expressed
435	LOC_Os09g23300.1	cDNA integral membrane protein, putative, expressed
436	LOC_Os11g25040.1	cDNA plant-specific domain TIGR01615 family protein, expressed
437	LOC_Os11g38480.1	cDNA NBS-LRR type disease resistance protein, putative, expressed
438	LOC_Os11g42660.1	cDNA Leucine Rich Repeat family protein, expressed
439	LOC_Os12g29280.1	cDNA disease resistance protein RGA3, putative, expressed
440	LOC_Os01g08020.1	cDNA boron transporter protein, putative, expressed

441	LOC_Os01g23710.1	cDNA no apical meristem protein, putative, expressed
442	LOC_Os01g39700.1	cDNA expressed protein
443	LOC_Os01g45274.2	cDNA carbonic anhydrase, chloroplast precursor, putative, expressed
444	LOC_Os01g68460.1	cDNA DC1, putative, expressed
445	LOC_Os01g68740.1	cDNA keratin, type I cytoskeletal 9, putative, expressed
446	LOC_Os03g60419.1	cDNA expressed protein
447	LOC_Os03g61310.1	cDNA receptor-like protein kinase, putative, expressed
448	LOC_Os04g25650.1	cDNA cysteine-rich receptor-like protein kinase, putative, expressed
449	LOC_Os04g26320.1	cDNA mannose-binding lectin, putative, expressed
450	LOC_Os04g30240.1	cDNA OsWAK60 - OsWAK receptor-like protein kinase, expressed
451	LOC_Os04g32840.1	cDNA formin-like protein 20, putative, expressed
452	LOC_Os04g47360.1	cDNA OsPOP9 - Putative Prolyl Oligopeptidase homologue, expressed
453	LOC_Os05g44260.1	cDNA DUF584 domain containing protein, putative, expressed
454	LOC_Os06g10355.1	cDNA expressed protein
455	LOC_Os06g16050.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
456	LOC_Os07g04020.1	cDNA expressed protein
457	LOC_Os07g09950.1	cDNA OsFBX222 - F-box domain containing protein, expressed
458	LOC_Os07g12390.1	cDNA expressed protein
459	LOC_Os07g23210.1	cDNA transposon protein, putative, unclassified, expressed
460	LOC_Os07g34620.1	cDNA expressed protein
461	LOC_Os07g40620.1	cDNA saccharopine dehydrogenase, putative, expressed
462	LOC_Os07g40890.1	cDNA IgA FC receptor precursor, putative, expressed
463	LOC_Os07g41400.1	cDNA EGG APPARATUS-1, putative, expressed
464	LOC_Os08g03180.1	cDNA retrotransposon protein, putative, unclassified, expressed
465	LOC_Os08g20486.1	cDNA transposon protein, putative, unclassified, expressed
466	LOC_Os09g15284.1	cDNA expressed protein
467	LOC_Os10g05250.1	cDNA protein kinase domain containing protein, expressed
468	LOC_Os11g01010.1	cDNA autophagy-related protein 8D, putative, expressed
469	LOC_Os11g10790.1	cDNA expressed protein
470	LOC_Os11g38040.1	cDNA expressed protein
471	LOC_Os11g38520.1	cDNA expressed protein
472	LOC_Os11g42060.1	cDNA Leucine Rich Repeat family protein, expressed
473	LOC_Os12g08250.1	cDNA expressed protein
474	LOC_Os12g08580.1	cDNA retrotransposon protein, putative, unclassified, expressed
475	LOC_Os12g11510.1	cDNA hcr2-0B, putative, expressed
476	LOC_Os12g11870.1	cDNA expressed protein
477	LOC_Os12g12765.1	cDNA expressed protein
478	LOC_Os12g14110.1	cDNA expressed protein
479	LOC_Os12g14126.1	cDNA retrotransposon protein, putative, Tyl-copia subclass, expressed
480	LOC_Os12g15505.1	cDNA expressed protein
481	LOC_Os12g18340.1	cDNA transposon protein, putative, unclassified, expressed
482	LOC_Os12g19470.1	cDNA ribulose biphosphate carboxylase small chain, chloroplast precursor,
483		putative, expressed
484	LOC_Os12g23150.1	cDNA 4-nitrophenylphosphatase-like, putative, expressed

485	LOC_Os12g23780.1	cDNA expressed protein
486	LOC_Os12g26220.1	cDNA expressed protein
487	LOC_Os12g26510.1	cDNA expressed protein
488	LOC_Os12g26850.1	cDNA retrotransposon protein, putative, unclassified, expressed
489	LOC_Os12g26860.1	cDNA retrotransposon protein, putative, Ty3-gypsy subclass, expressed
490	LOC_Os12g26875.1	cDNA expressed protein
491	LOC_Os12g29740.1	cDNA expressed protein
492	LOC_Os12g33289.1	cDNA expressed protein
493	LOC_Os12g35260.1	cDNA expressed protein
494	LOC_Os12g36580.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
495	LOC_Os06g10350.1	cDNA MYB family transcription factor, putative, expressed
496	LOC_Os06g12320.1	cDNA transmembrane amino acid transporter protein, putative, expressed
497	LOC_Os07g16364.1	cDNA expressed protein
498	LOC_Os07g16600.1	cDNA expressed protein
499	LOC_Os07g32950.1	cDNA dnaJ C terminal region family protein, expressed
500	LOC_Os07g48390.1	cDNA proline-rich protein, putative, expressed
501	LOC_Os08g02904.1	cDNA expressed protein
502	LOC_Os08g35490.1	cDNA ctr copper transporter family protein, putative, expressed
503	LOC_Os10g04860.1	cDNA aldehyde oxidase, putative, expressed
504	LOC_Os12g12090.1	cDNA expressed protein
505	LOC_Os12g31540.1	cDNA expressed protein
506	LOC_Os12g34802.1	cDNA expressed protein
507	LOC_Os01g13130.1	cDNA aquaporin protein, putative, expressed
508	LOC_Os01g41160.1	cDNA FAD dependent oxidoreductase domain containing protein, expressed
509	LOC_Os01g58910.1	cDNA auxin-induced protein 5NG4, putative, expressed
510	LOC_Os02g24205.1	cDNA expressed protein
511	LOC_Os02g45770.1	cDNA OsMADS6 - MADS-box family gene with MIKCc type-box, expressed
512	LOC_Os04g10924.1	cDNA expressed protein
513	LOC_Os04g26350.1	cDNA Leucine Rich Repeat family protein, expressed
514	LOC_Os04g26380.1	cDNA aspartic proteinase-like protein 2 precursor, putative, expressed
515	LOC_Os04g28820.1	cDNA retrotransposon protein, putative, unclassified, expressed
516	LOC_Os04g30340.1	cDNA wall-associated receptor kinase, putative, expressed
517	LOC_Os05g23393.1	cDNA expressed protein
518	LOC_Os05g25400.1	cDNA RNA binding protein, putative, expressed
519	LOC_Os05g42360.1	cDNA expressed protein
520	LOC_Os06g07878.1	cDNA peptidase, T1 family, putative, expressed
521	LOC_Os06g15730.1	cDNA expressed protein
522	LOC_Os07g01070.1	cDNA peptide transporter, putative, expressed
523	LOC_Os07g06530.1	cDNA expressed protein
524	LOC_Os07g08934.1	cDNA expressed protein
525	LOC_Os07g19410.1	cDNA expressed protein
526	LOC_Os07g20164.1	cDNA expressed protein
527	LOC_Os07g30980.1	cDNA uvrD/REP helicase family protein, putative, expressed
528	LOC_Os07g35960.1	cDNA expressed protein

529	LOC_Os07g40640.1	cDNA expressed protein
530	LOC_Os07g40900.1	cDNA retrotransposon protein, putative, unclassified, expressed
531	LOC_Os07g40910.1	cDNA expressed protein
532	LOC_Os07g48490.2	cDNA stress responsive protein, putative, expressed
533	LOC_Os07g48500.1	cDNA stress responsive protein, putative, expressed
534	LOC_Os08g10244.1	cDNA retrotransposon protein, putative, unclassified, expressed
535	LOC_Os08g15149.1	cDNA oxidoreductase, 2OG-Fe oxygenase family protein, expressed
536	LOC_Os09g19280.1	cDNA retrotransposon protein, putative, unclassified, expressed
537	LOC_Os09g32169.1	cDNA expressed protein
538	LOC_Os10g18150.1	cDNA crooked neck, putative, expressed
539	LOC_Os10g20480.3	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
540	LOC_Os11g33394.1	cDNA plant protein of unknown function domain containing protein, expressed
541	LOC_Os11g39160.1	cDNA NBS-LRR disease resistance protein, putative, expressed
542	LOC_Os12g03110.1	cDNA ZF-HD protein dimerisation region containing protein, expressed
543	LOC_Os12g08210.1	cDNA expressed protein
544	LOC_Os12g12664.2	cDNA expressed protein
545	LOC_Os12g12690.1	cDNA transposon protein, putative, Pong sub-class, expressed
546	LOC_Os12g20390.1	cDNA expressed protein
547	LOC_Os12g21730.1	cDNA retrotransposon protein, putative, unclassified, expressed
548	LOC_Os12g25280.1	cDNA expressed protein
549	LOC_Os12g26870.1	cDNA retrotransposon protein, putative, Ty3-gypsy subclass, expressed
550	LOC_Os12g26970.1	cDNA transposon protein, putative, CACTA, En/Spm sub-class, expressed
551	LOC_Os12g33160.1	cDNA RGH1A, putative, expressed
552	LOC_Os01g55570.4	cDNA expressed protein
553	LOC_Os01g57599.1	cDNA retrotransposon protein, putative, unclassified, expressed
554	LOC_Os02g56860.1	cDNA 3-ketoacyl-CoA synthase, putative, expressed
555	LOC_Os04g31790.1	cDNA expressed protein
556	LOC_Os06g07923.1	cDNA expressed protein
557	LOC_Os07g03990.1	cDNA leucine-rich repeat family protein, putative, expressed
558	LOC_Os07g31690.1	cDNA retrotransposon protein, putative, unclassified, expressed
559	LOC_Os07g40920.1	cDNA APO, putative, expressed
560	LOC_Os09g19290.1	cDNA retrotransposon protein, putative, unclassified, expressed
561	LOC_Os10g16440.2	cDNA CUE domain containing protein, expressed
562	LOC_Os10g35604.1	cDNA expressed protein
563	LOC_Os11g14440.1	cDNA expressed protein
564	LOC_Os12g14059.1	cDNA expressed protein
565	LOC_Os12g22839.1	cDNA expressed protein
566	LOC_Os12g33180.1	cDNA pnn protein, putative, expressed
567	LOC_Os12g43850.1	cDNA retrotransposon protein, putative, unclassified, expressed
568		