

| | ProbelD | F ^{WT} : G ^{WT} FC log2 | F ^{WT} : G ^{WT} value | F ^{As} : G ^{As} FC log2 | F ^{As} : G ^{As} p-value | G ^{As} : G ^{WT} FC log2 | G ^{As} : G ^{WT} p-value | F ^{As} : F ^{WT} FC log2 | F ^{As} : F ^{WT} p-value | Transcript ID | Gene Symbol | Description |
|----|-------------|--|--|--|--|--|--|--|--|---------------|-------------|---|
| 1 | 248008_at | 1.90 | 0.0084710 | 2.26 | 0.0054395 | 0.41 | 0.5572887 | 0.78 | 0.2718024 | At5g56270 | WRKY2 | WRKY DNA-binding protein 2 |
| 2 | 256609_at | 2.11 | 0.0012155 | 1.86 | 0.0076116 | 0.90 | 0.1452888 | 0.65 | 0.2886309 | At3g30843 | | transposable element gene |
| 3 | 258679_at | 1.15 | 0.0015747 | 1.11 | 0.0046957 | -0.31 | 0.3669896 | -0.34 | 0.3211093 | At3g08590 | IPGAM2 | Phosphoglycerate mutase, 2,3-bisphosphoglycerate-independent |
| 1 | 266634_at | -2.69 | 0.0043031 | -0.05 | 0.9606832 | 0.39 | 0.6635244 | 3.04 | 0.0026960 | At2g35530 | bZIP16 | basic region/leucine zipper transcription factor 16 |
| 2 | 267091_at | -2.33 | 0.0047015 | 0.18 | 0.8238097 | -0.21 | 0.7847559 | 2.30 | 0.0077385 | At2g38185 | | RING/U-box superfamily protein |
| 3 | 252234_at | -1.17 | 0.0011718 | 0.04 | 0.9173621 | -0.16 | 0.6277541 | 1.05 | 0.0046386 | At3g49780 | PSK4 | phytosulfokine 4 precursor |
| 4 | 246251_at | -1.10 | 0.0073858 | 0.33 | 0.4292482 | 0.07 | 0.8693121 | 1.50 | 0.0010638 | At4g37220 | | Cold acclimation protein WCOR413 family |
| 5 | 246010_at | -1.45 | 0.0044978 | 0.43 | 0.4051856 | -0.48 | 0.3284836 | 1.40 | 0.0086111 | At5g08440 | | |
| 6 | 261162_at | -1.62 | 0.0022144 | 0.44 | 0.3985215 | -0.56 | 0.2668044 | 1.50 | 0.0059620 | At1g34440 | | |
| 7 | 264136_at | -2.36 | 0.0004969 | -0.28 | 0.6625444 | 0.52 | 0.4002407 | 2.59 | 0.0003469 | At1g78980 | SRF5 | STRUBBELIG-receptor family 5 |
| 8 | 266440_at | -1.34 | 0.0005052 | 0.52 | 0.2892075 | -0.51 | 0.2701251 | 1.35 | 0.0073675 | At2g43240 | | Nucleotide-sugar transporter family protein |
| 9 | 259214_at | -2.24 | 0.0024574 | 0.49 | 0.5017818 | -0.45 | 0.5225284 | 2.29 | 0.0032979 | At3g09085 | | expressed protein DUF962 |
| 10 | 249622_at | -3.33 | 0.0012862 | 0.54 | 0.5928941 | -0.93 | 0.3334936 | 2.94 | 0.0054930 | At5g37550 | | |
| 11 | 249968_at | -2.65 | 0.0037997 | 2.52 | 0.0113722 | -2.30 | 0.0144056 | 2.87 | 0.0032272 | At5g19070 | --- | SNARE associated Golgi protein family |
| 12 | 264698_at | 1.96 | 0.0050480 | -0.88 | 0.2195393 | 0.41 | 0.5365955 | -2.42 | 0.0015069 | At1g70200 | | RNA-binding (RRM/RBD/RNP motifs) family protein |
| 1 | 263964_at | -2.67 | 0.0038020 | -0.37 | 0.6877138 | -3.04 | 0.0021422 | -0.75 | 0.3959572 | At2g12880 | | Zinc knuckle (CCHC-type) family protein |
| 2 | 267392_at | 1.37 | 0.0039787 | 0.23 | 0.6339200 | 1.42 | 0.0049009 | 0.27 | 0.5524293 | At2g44490 | PEN2 | Phycocyanin hydrolase superfamily protein |
| 3 | 267197_at | 1.42 | 0.0039302 | -0.25 | 0.6159908 | 1.36 | 0.0076856 | -0.30 | 0.5248175 | At2g30960 | | |
| 4 | 261071_at | 1.52 | 0.0070145 | -1.55 | 0.0127308 | 1.63 | 0.0065132 | -1.44 | 0.0144139 | At1g07380 | --- | Neutral/alkaline non-lysosomal ceramidase |
| 5 | 262786_at | 1.90 | 0.0021518 | -0.40 | 0.5179810 | 2.01 | 0.0021869 | -0.28 | 0.6232150 | At1g10740 | | alpha/beta-Hydrolases superfamily protein |
| 6 | 255383_at | 2.40 | 0.0000963 | -1.22 | 0.0395604 | 2.46 | 0.0001402 | -1.16 | 0.0392276 | At4g03570 | --- | Cytoskeleton/monoclin superfamily protein |
| 7 | 261452_s_at | 2.53 | 0.0013835 | 1.05 | 0.1818622 | 2.47 | 0.0027988 | 0.99 | 0.1873501 | At1g21020 | | transposable element gene |
| 8 | 248510_at | 2.54 | 0.0045808 | -1.29 | 0.1631673 | 2.48 | 0.0081723 | -1.35 | 0.1248236 | At5g50315 | | transposable element gene |
| 9 | 263219_at | 2.55 | 0.0013176 | 0.44 | 0.5710990 | 2.15 | 0.0076356 | 0.04 | 0.9591010 | At1g30600 | | Subtilase family protein |
| 10 | 262826_at | 2.58 | 0.0000546 | 0.62 | 0.2854288 | 1.69 | 0.0051239 | -0.28 | 0.6076672 | At1g13080 | CYP71B2 | cytochrome P450, family 71, subfamily B, polypeptide 2 |
| 11 | 246816_at | 3.23 | 0.0000096 | -0.06 | 0.9185689 | 3.19 | 0.0000230 | -0.10 | 0.8668877 | At5g27230 | | Frigida-like protein |
| 12 | 267359_at | -1.33 | 0.0020131 | 1.16 | 0.0119588 | -1.36 | 0.0028013 | 1.14 | 0.0098075 | At2g40020 | --- | Nucleolar histone methyltransferase-related protein |
| 1 | 250582_at | -3.33 | 0.0008117 | -1.19 | 0.2208609 | -0.70 | 0.4452994 | 1.44 | 0.1229154 | At5g07580 | | Integrase-type DNA-binding superfamily protein |
| 2 | 254416_at | -2.93 | 0.0058970 | -1.04 | 0.3374760 | -1.79 | 0.0909731 | 0.10 | 0.9242956 | At4g21380 | RK3 | receptor kinase 3 |
| 3 | 263111_s_at | -2.83 | 0.0058249 | 0.49 | 0.6395757 | -2.09 | 0.0440800 | 1.23 | 0.2205251 | At1g65190 | | Protein kinase superfamily protein |
| 4 | 261292_at | -2.67 | 0.0074709 | -1.00 | 0.3289090 | -0.92 | 0.3459486 | 0.75 | 0.4369105 | At1g36940 | | |
| 5 | 255385_at | -2.65 | 0.0053916 | 0.04 | 0.9704395 | -2.02 | 0.0359352 | 0.66 | 0.4708546 | At4g03610 | | Metallo-hydrolase/oxidoreductase superfamily protein |
| 6 | 266802_at | -2.42 | 0.0019291 | 0.66 | 0.3909891 | -1.31 | 0.0837227 | 1.78 | 0.0226007 | At2g22900 | | Galactosyl transferase GMA12/MNN10 family protein |
| 7 | 261234_x_at | -2.42 | 0.0090901 | -1.88 | 0.0578857 | -0.01 | 0.9895078 | 0.52 | 0.5610168 | At1g32830 | | transposable element gene |
| 8 | 251383_at | -2.22 | 0.0032967 | -0.95 | 0.2145388 | -0.05 | 0.9493757 | 1.22 | 0.0983787 | At3g60740 | TTN1 | ARM repeat superfamily protein |
| 9 | 249037_at | -2.05 | 0.0068589 | 0.02 | 0.9828701 | -0.37 | 0.6126140 | 1.70 | 0.0290265 | At5g44130 | FLA13 | FASCICLIN-like arabinogalactan protein 13 precursor |
| 10 | 260132_s_at | -2.04 | 0.0080899 | -0.23 | 0.7682945 | -0.21 | 0.7802073 | 1.60 | 0.0416466 | At1g66640 | | RNI-like superfamily protein |
| 11 | 257045_at | -2.02 | 0.0062346 | 0.28 | 0.7057284 | -1.02 | 0.1593546 | 1.28 | 0.0827771 | At1g19730 | | |
| 12 | 263911_at | -1.85 | 0.0063162 | -1.10 | 0.1207922 | 0.45 | 0.4908058 | 1.20 | 0.0758599 | At2g36560 | | AT hook motif DNA-binding family protein |
| 13 | 246247_at | -1.83 | 0.0069238 | -0.17 | 0.8039265 | -0.04 | 0.9534742 | 1.63 | 0.0205712 | At4g36640 | | Sec14p-like phosphatidylinositol transfer family protein |
| 14 | 247971_at | -1.66 | 0.0039375 | -1.32 | 0.0310940 | 0.00 | 0.9930104 | 0.34 | 0.5299717 | At5g56730 | | Insulinase (Peptidase family M16) protein |
| 15 | 267544_at | -1.51 | 0.0050252 | -0.45 | 0.4064900 | -0.15 | 0.7747499 | 0.91 | 0.0884619 | At2g32720 | CB5-B | cytochrome B5 isoform B |
| 16 | 262975_at | -1.43 | 0.0068833 | -0.59 | 0.2788916 | 0.10 | 0.8388447 | 0.95 | 0.0753721 | At1g75540 | STH2 | Salt tolerance homolog 2 |
| 17 | 261220_at | -1.38 | 0.0030377 | -0.47 | 0.3207430 | -0.01 | 0.9737118 | 0.90 | 0.0510293 | At1g19970 | | ER lumen protein retaining receptor family protein |
| 18 | 246199_at | -1.24 | 0.0088399 | 0.02 | 0.9614280 | -0.58 | 0.2141701 | 0.68 | 0.1475969 | At4g36530 | | alpha/beta-Hydrolases superfamily protein |
| 19 | 262135_at | -1.18 | 0.0080034 | 0.31 | 0.5017978 | -0.29 | 0.5096776 | 1.20 | 0.0104235 | At1g78080 | WIND1 | related to AP2 4 |
| 20 | 264042_at | 1.07 | 0.0004452 | 0.55 | 0.0685531 | 0.08 | 0.7753814 | -0.44 | 0.1154238 | At2g03760 | ST1 | sulphotransferase 12 |
| 21 | 250807_at | 1.15 | 0.0070350 | 0.32 | 0.4649764 | 0.66 | 0.1190403 | -0.17 | 0.6786337 | At5g05130 | | DNA/RNA helicase protein |
| 22 | 259757_at | 1.22 | 0.0038449 | 0.69 | 0.1117209 | 0.06 | 0.8715359 | -0.46 | 0.2564992 | At1g77510 | PDIL1-2 | PDI-like 1-2 |
| 23 | 264299_s_at | 1.26 | 0.0000016 | 0.82 | 0.0009149 | 0.27 | 0.1863920 | -0.18 | 0.3865269 | At1g78860 | | D-mannose binding lectin protein with Apple-like carbohydrate-binding |
| 24 | 248987_at | 1.27 | 0.0027261 | 0.46 | 0.2813651 | 0.12 | 0.7697889 | -0.69 | 0.0930492 | At5g45180 | | Flavin-binding monooxygenase family protein |
| 25 | 247441_at | 1.36 | 0.0023474 | -0.20 | 0.6514840 | 0.44 | 0.3001445 | -1.12 | 0.0135960 | At5g62710 | | Leucine-rich repeat protein kinase family protein |
| 26 | 254316_at | 1.51 | 0.0066999 | 1.55 | 0.0117268 | 0.49 | 0.3634701 | 0.53 | 0.3285400 | At4g22500 | | |
| 27 | 264489_at | 1.69 | 0.0099698 | 1.15 | 0.0983338 | 0.25 | 0.7002922 | -0.30 | 0.6384206 | At1g27370 | SPL10 | squamosa promoter binding protein-like 10 |
| 28 | 248770_at | 1.73 | 0.0086638 | 1.13 | 0.1057680 | 0.58 | 0.3710867 | -0.03 | 0.9641601 | At5g47740 | | Adenine nucleotide alpha hydrolases-like superfamily protein |
| 29 | 255175_at | 1.93 | 0.0039176 | 0.42 | 0.5267764 | 1.36 | 0.0427237 | -0.15 | 0.8172566 | At4g07960 | CSLC12 | Cellulose-synthase-like C12 |
| 30 | 258943_at | 2.00 | 0.0081794 | 0.25 | 0.7424899 | 1.45 | 0.0575551 | -0.29 | 0.6904473 | At3g10400 | U11/U12-31 | RNA recognition motif and CCHC-type zinc finger domains containi |
| 31 | 247415_at | 2.21 | 0.0071824 | -0.20 | 0.8100161 | 2.08 | 0.0150101 | -0.33 | 0.6795405 | At5g63060 | | Sec14p-like phosphatidylinositol transfer family protein |
| 32 | 266591_at | 2.23 | 0.0083512 | 1.06 | 0.2266371 | 0.61 | 0.4612251 | -0.56 | 0.4943691 | At2g46225 | ABI1 | ABI-1-like 1 |
| 33 | 255481_at | 2.24 | 0.0060251 | 0.79 | 0.3456153 | 1.52 | 0.0640732 | 0.06 | 0.9373897 | At4g02460 | PMS1 | DNA mismatch repair protein, putative |
| 34 | 247333_at | 2.26 | 0.0051845 | 0.38 | 0.6380373 | 0.98 | 0.2144059 | -0.90 | 0.2532462 | At5g63600 | FLS5 | flavonol synthase 5 |
| 35 | 258672_at | 2.27 | 0.0035952 | 0.39 | 0.6151316 | 0.86 | 0.2505957 | -1.02 | 0.1791070 | At3g08570 | | Phototropic-responsive NPH3 family protein |
| 36 | 257504_at | 2.29 | 0.0081475 | -1.35 | 0.1367413 | 1.70 | 0.0523954 | -1.93 | 0.0296479 | At1g52250 | | |
| 37 | 251068_at | 2.38 | 0.0033363 | 0.17 | 0.8373899 | 1.54 | 0.0552956 | -0.67 | 0.3843021 | At5g01920 | STN8 | Protein kinase superfamily protein |
| 38 | 248708_at | 2.40 | 0.0082560 | 0.41 | 0.6585713 | 2.06 | 0.0275509 | 0.07 | 0.9337598 | At5g48560 | | basic helix-loop-helix (bHLH) DNA-binding superfamily protein |
| 39 | 253636_at | 2.45 | 0.0090255 | 1.69 | 0.0886267 | 0.33 | 0.7148919 | -0.42 | 0.6423062 | At4g30500 | | Protein of unknown function (DUF788) |
| 40 | 262102_at | 2.45 | 0.0073503 | 0.62 | 0.5039325 | 1.89 | 0.0420364 | 0.07 | 0.9411359 | At1g02980 | CUL2 | cullin 2 |
| 41 | 260156_at | 2.49 | 0.0095623 | 0.01 | 0.9944299 | 2.35 | 0.0191205 | -0.13 | 0.8852921 | At1g52880 | NARS2 | NAC (No Apical Meristem) domain transcriptional regulator superfa |
| 42 | 252739_at | 2.57 | 0.0072665 | 0.32 | 0.7423509 | 2.31 | 0.0194905 | 0.07 | 0.9427859 | At3g43250 | | Family of unknown function (DUF572) |
| 43 | 251262_at | 2.61 | 0.0019926 | 0.91 | 0.2823918 | 1.47 | 0.0739605 | -0.24 | 0.7631173 | At3g62080 | | SNF7 family protein |
| 44 | 247704_at | 2.70 | 0.0039937 | 1.09 | 0.2546979 | 1.02 | 0.2580896 | -0.59 | 0.5102503 | At5g59515 | | |
| 45 | 260265_at | 2.71 | 0.0087765 | 1.39 | 0.1965666 | 0.86 | 0.3938962 | -0.46 | 0.6493210 | At1g68510 | LBD42 | LOB domain-containing protein 42 |
| 46 | 259970_at | 2.81 | 0.0028612 | 0.61 | 0.5184566 | 1.07 | 0.2363087 | -1.13 | 0.2103421 | At1g76570 | | Chlorophyll A-B binding family protein |
| 47 | 249647_at | 2.86 | 0.0058477 | 0.81 | 0.4421693 | 0.46 | 0.6446583 | -1.59 | 0.1215311 | At5g37040 | | F-box family protein |
| 48 | 262276_at | 3.00 | 0.0038842 | 1.60 | 0.1331478 | 1.09 | 0.2765720 | -0.30 | 0.7575158 | At1g68700 | | |
| 49 | 257064_at | 3.11 | 0.0007591 | 0.02 | 0.9793025 | 2.04 | 0.0232561 | -1.05 | 0.2215026 | At3g18260 | | Reticulon family protein |
| 50 | 249482_at | 3.30 | 0.0067735 | -0.45 | 0.7181605 | 1.83 | 0.1287738 | -1.91 | 0.1143589 | At5g38980 | | |
| 51 | 257682_at | 3.55 | 0.0010934 | -0.46 | 0.6610709 | 2.53 | 0.0186898 | -1.49 | 0.1472734 | At3g13240 | | |