

| Gene ID                           | SETI   | SETI <i>pad4</i> | SETI <i>sag101</i> | SETI <i>pad4 sag101</i> |
|-----------------------------------|--------|------------------|--------------------|-------------------------|
| Auxin-activated signaling pathway |        |                  |                    |                         |
| AT1G56010                         | -2.108 | -1.302           | -1.725             | -0.516                  |
| AT4G16670                         | -1.387 | -0.329           | -0.517             | -0.051                  |
| AT1G76520                         | -1.195 | 0.341            | -0.622             | -0.100                  |
| AT1G69160                         | -1.622 | 0.445            | -0.806             | 0.600                   |
| AT2G17500                         | -1.985 | 0.640            | 0.140              | -0.367                  |
| AT2G45210                         | -1.057 | 0.656            | 0.420              | 0.306                   |
| Leaf development                  |        |                  |                    |                         |
| AT1G31770                         | -1.817 | -1.607           | -2.306             | 0.336                   |
| AT4G25420                         | -1.106 | -0.976           | -2.795             | -0.099                  |
| AT5G04810                         | -1.049 | -0.868           | -1.711             | 0.106                   |
| AT1G15690                         | -0.857 | -0.651           | -1.756             | 0.208                   |
| AT3G48430                         | -0.599 | -0.398           | -1.019             | 0.234                   |
| AT1G55350                         | -0.369 | -0.330           | -1.108             | 0.108                   |
| AT5G55540                         | -0.434 | -0.329           | -1.311             | 0.164                   |
| AT3G15030                         | -0.380 | -0.214           | -1.055             | 0.099                   |
| AT3G52910                         | -2.315 | 0.176            | -2.188             | 0.310                   |
| Photosynthesis                    |        |                  |                    |                         |
| AT4G25910                         | -1.078 | -0.934           | -1.688             | 0.173                   |
| AT3G15095                         | -1.224 | -0.898           | -1.772             | -0.041                  |
| AT3G15850                         | -0.834 | -0.648           | -1.429             | -0.162                  |
| AT5G21930                         | -0.664 | -0.510           | -1.517             | -0.049                  |
| AT1G68890                         | -0.549 | -0.495           | -1.566             | 0.129                   |
| AT5G38420                         | -0.482 | -0.479           | -1.288             | 0.096                   |
| AT5G01920                         | -0.479 | -0.396           | -1.134             | 0.035                   |
| AT4G31390                         | -0.567 | -0.383           | -1.209             | 0.194                   |
| AT5G44660                         | -0.527 | -0.309           | -1.008             | -0.020                  |
| Response to gibberellin           |        |                  |                    |                         |
| AT2G41940                         | -2.074 | -1.647           | -2.359             | -0.209                  |
| AT2G18300                         | -1.304 | -1.291           | -2.387             | -0.334                  |
| AT2G04240                         | -1.349 | -1.208           | -1.547             | 0.127                   |
| AT3G05120                         | -1.670 | -1.202           | -2.166             | -0.154                  |
| AT2G20180                         | -1.282 | -0.924           | -1.889             | -0.329                  |
| AT2G01570                         | -1.368 | -0.876           | -1.583             | 0.062                   |
| AT1G74840                         | -1.132 | -0.766           | -1.324             | -0.177                  |
| AT5G39860                         | -0.896 | -0.608           | -2.395             | 0.375                   |
| AT1G14920                         | -1.520 | -0.564           | -1.472             | -0.256                  |
| AT3G19720                         | -0.595 | -0.560           | -1.327             | 0.043                   |

| Gene ID                                 | SETI   | SETI <i>pad4</i> | SETI <i>sag101</i> | SETI <i>pad4 sag101</i> |
|---|--------|------------------|--------------------|-------------------------|
| Regulation of plant organ morphogenesis |        |                  |                    |                         |
| AT4G08920                               | -1.096 | -0.720           | -1.466             | -0.178                  |
| AT1G01030                               | -1.747 | -0.314           | -0.387             | -0.541                  |
| AT2G22125                               | -0.558 | -0.151           | -1.036             | -0.104                  |
| AT3G61460                               | -1.190 | 0.206            | -0.762             | -0.082                  |
| Carbohydrate biosynthetic process       |        |                  |                    |                         |
| AT1G12780                               | -1.113 | -0.959           | -1.144             | -0.330                  |
| AT2G25450                               | -1.853 | -0.871           | -1.504             | 0.108                   |
| AT1G68020                               | -1.106 | -0.756           | -0.805             | -0.005                  |
| AT4G24010                               | -1.870 | -0.747           | -1.084             | -0.156                  |
| AT4G02130                               | -1.345 | -0.728           | -1.406             | -0.251                  |
| AT4G32190                               | -1.145 | -0.683           | -1.227             | 0.290                   |
| AT3G22190                               | -0.862 | -0.670           | -1.316             | -0.129                  |
| AT4G17090                               | -1.438 | -0.654           | -1.345             | 0.102                   |
| AT1G70290                               | -1.532 | -0.536           | -1.099             | -0.075                  |
| AT1G60140                               | -1.462 | -0.516           | -1.121             | -0.187                  |
| AT1G04770                               | -1.034 | -0.467           | -0.961             | -0.297                  |
| AT3G62660                               | -1.205 | -0.364           | -0.811             | 0.016                   |
| AT1G23870                               | -1.505 | -0.359           | -0.838             | -0.483                  |
| AT1G55850                               | -1.492 | -0.196           | -1.494             | -0.235                  |
| AT3G58790                               | -1.039 | -0.148           | -0.202             | 0.061                   |
| Response to auxin                       |        |                  |                    |                         |
| AT4G34760                               | -2.287 | -1.490           | -3.222             | -0.096                  |
| AT4G38840                               | -1.802 | -1.289           | -3.411             | 0.072                   |
| AT5G43700                               | -1.090 | -1.047           | -1.378             | -0.010                  |
| AT2G44830                               | -1.765 | -0.980           | -1.482             | 0.280                   |
| AT4G14740                               | -1.066 | -0.875           | -1.461             | -0.006                  |
| AT2G01420                               | -1.393 | -0.740           | -1.990             | -0.153                  |
| AT2G45950                               | -1.161 | -0.710           | -0.968             | 0.167                   |
| AT1G12820                               | -0.983 | -0.694           | -1.105             | -0.064                  |
| AT3G62980                               | -1.237 | -0.582           | -1.428             | -0.008                  |
| AT2G36910                               | -0.701 | -0.483           | -1.079             | -0.047                  |
| AT5G60450                               | -0.502 | -0.451           | -1.183             | 0.005                   |
| AT4G28050                               | -0.906 | -0.436           | -0.905             | 0.116                   |
| AT1G75500                               | -0.890 | -0.335           | -1.130             | -0.177                  |
| AT5G12050                               | -0.073 | 0.082            | -1.655             | -0.291                  |
| Response to abscisic acid               |        |                  |                    |                         |
| AT2G35940                               | -1.528 | -0.097           | -1.207             | 0.151                   |

Log2FC

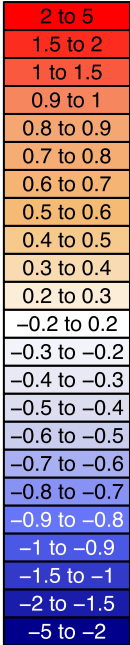


Figure S7