

Supplementary Materials

Pathogen recognition in compatible plant-microbe interactions

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Abstract

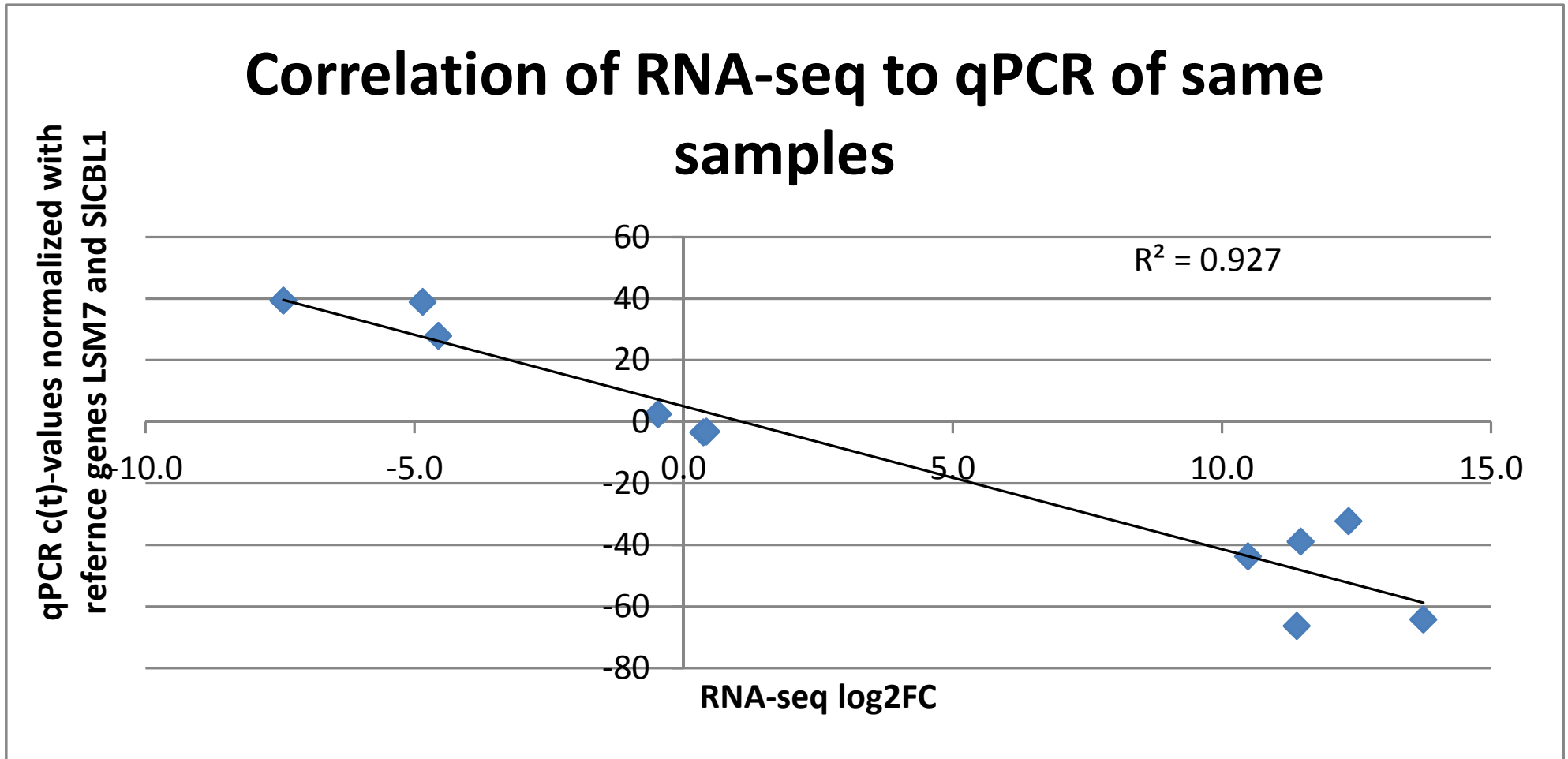
Microbial infections in plant leaves remain a major challenge in agriculture. Hence an understanding of disease mechanisms at the molecular level is of paramount importance for identifying possible intervention points for their control. Whole-transcriptome changes during early disease stages in susceptible plant species are less well-documented than those of resistant ones. This study focuses on the differential transcriptional changes at 24 hours post inoculation (hpi) in tomato leaflets affected by three pathogens: (1) *Phytophthora infestans*, (2) *Botrytis cinerea*, and (3) *Oidium neolycopersici*. Grey mould (*B. cinerea*) was the disease that had progressed the most by 24 hpi, both in terms of visible symptoms as well as differential gene expression. By means of RNA-seq, we identified 50 differentially expressed tomato genes induced by *B. cinerea* infection and 18 by *P. infestans* infection at 24 hpi. Additionally, a set of 63 genes were differentially expressed during all three diseases when compared by a Bayesian approach to their respective mock infections. And Gene expression patterns were found to also depend on the inoculation technique. These findings suggest a specific and distinct transcriptional response in plant leaf tissue in reaction to *B. cinerea* and *P. infestans* invasion at 24 hpi, indicating that plants may recognize the attacking pathogen.

Please navigate the supplemental material using provided bookmarks.

All tables can be provided as .xlsx. Please contact the corresponding author.

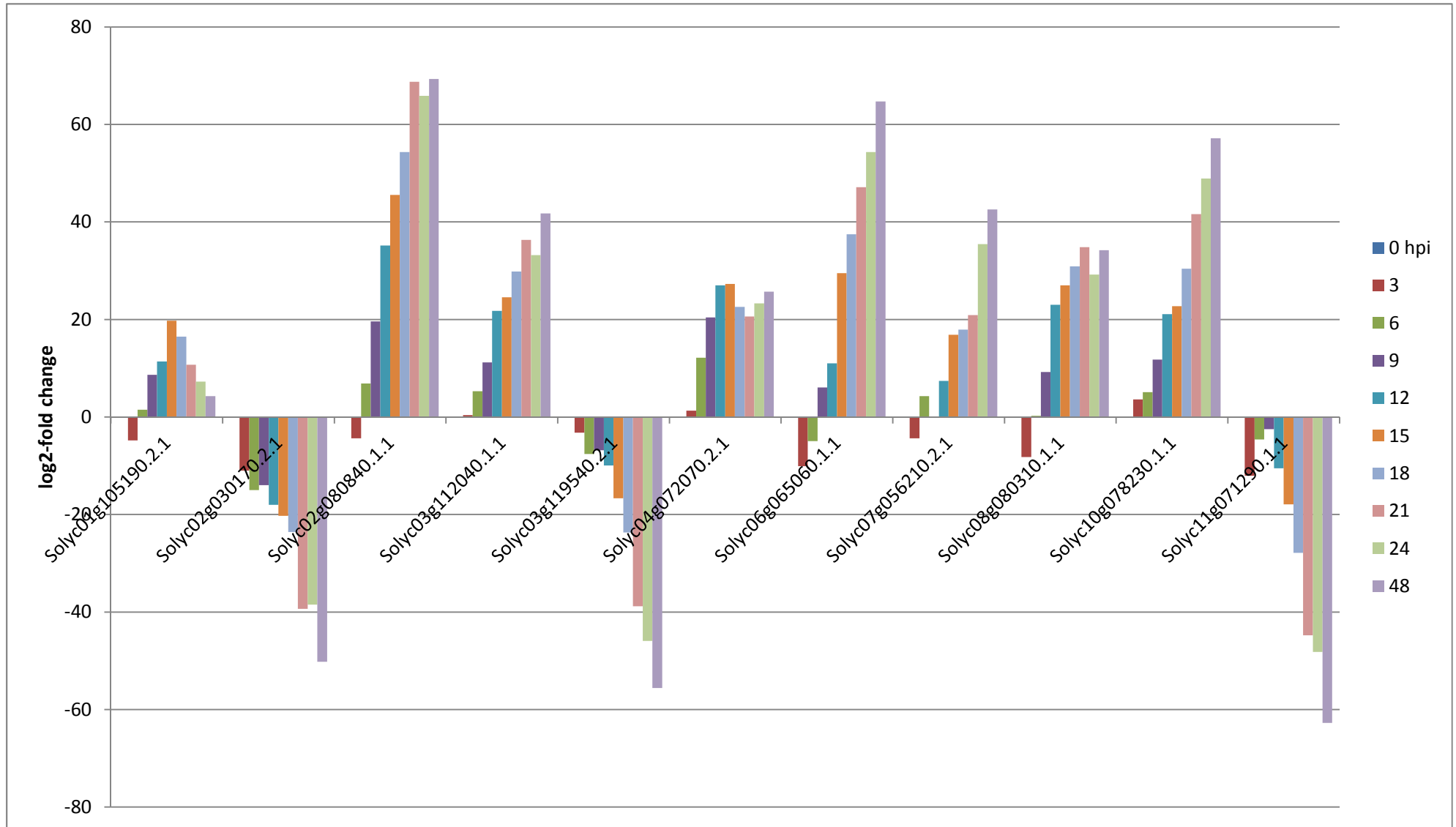
Supplementary Figure S1

Correlation of RNA-seq expression to qPCR of *B. cinerea* infected leaf samples at 24 hpi of genes summarized in Table S1.



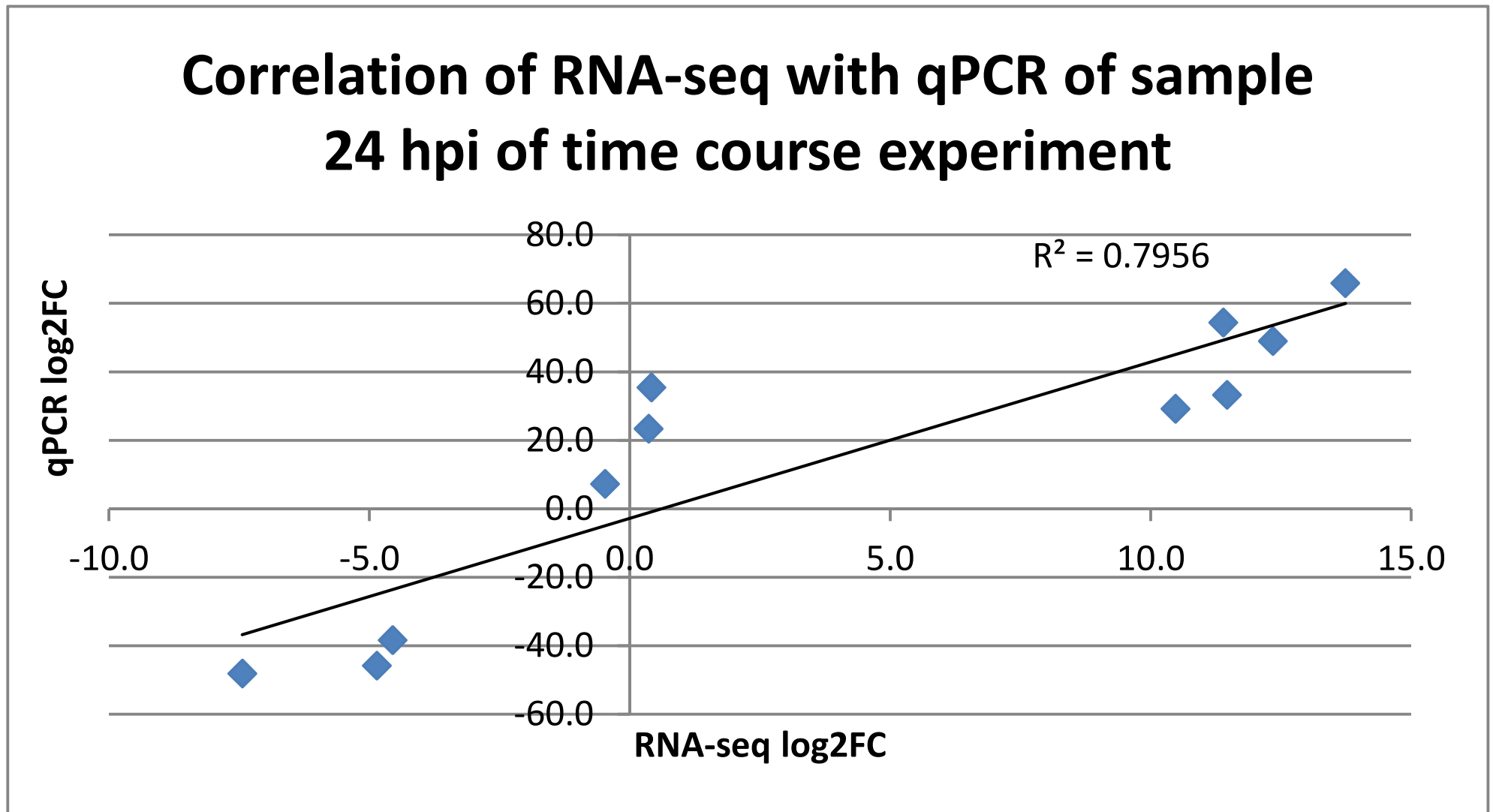
Supplementary Figure S2

Time course experiment. qPCR measured differential gene expression during *B. cinerea* disease development in *S. lycopersicum* leaflets in 3 hour intervals from 0-24 hpi and at 48 hpi.



Supplementary Figure S3

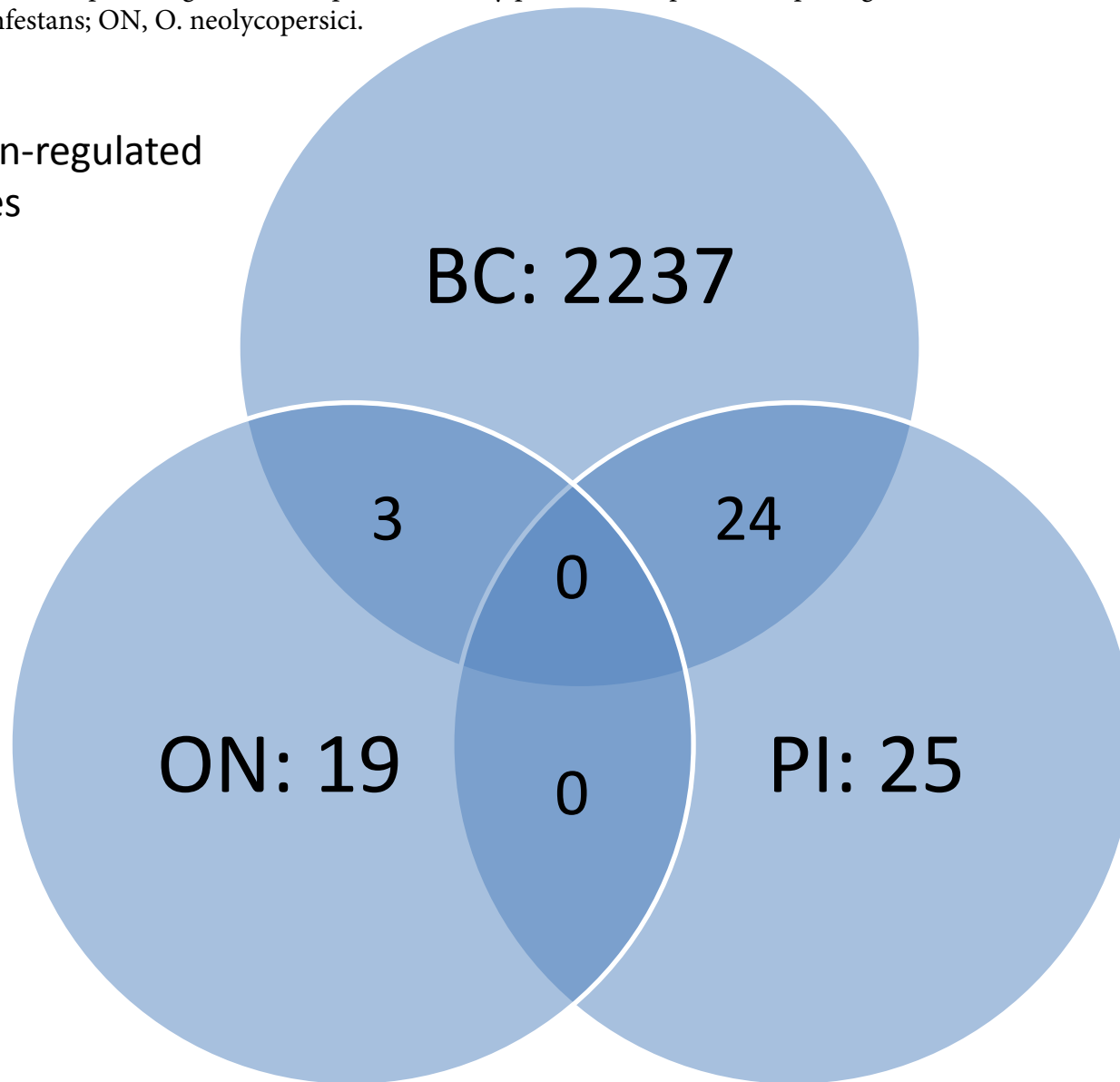
Correlation of RNA-seq expression to qPCR of *B. cinerea* infected leaf samples at 24 hpi of genes summarized in Table S1. In contrast to Supplementary Figure S1 the samples analyzed with qPCR were taken from a separate time course experiment at 24 hpi.



Supplementary Figure S4.1

Venn diagram of differential expressed genes at 24 hpi identified by pairwise comparison of pathogen and mock.treated tomato leaf samples. BC, *B. cinerea*; PI, *P. infestans*; ON, *O. neolycopersici*.

Down-regulated
genes

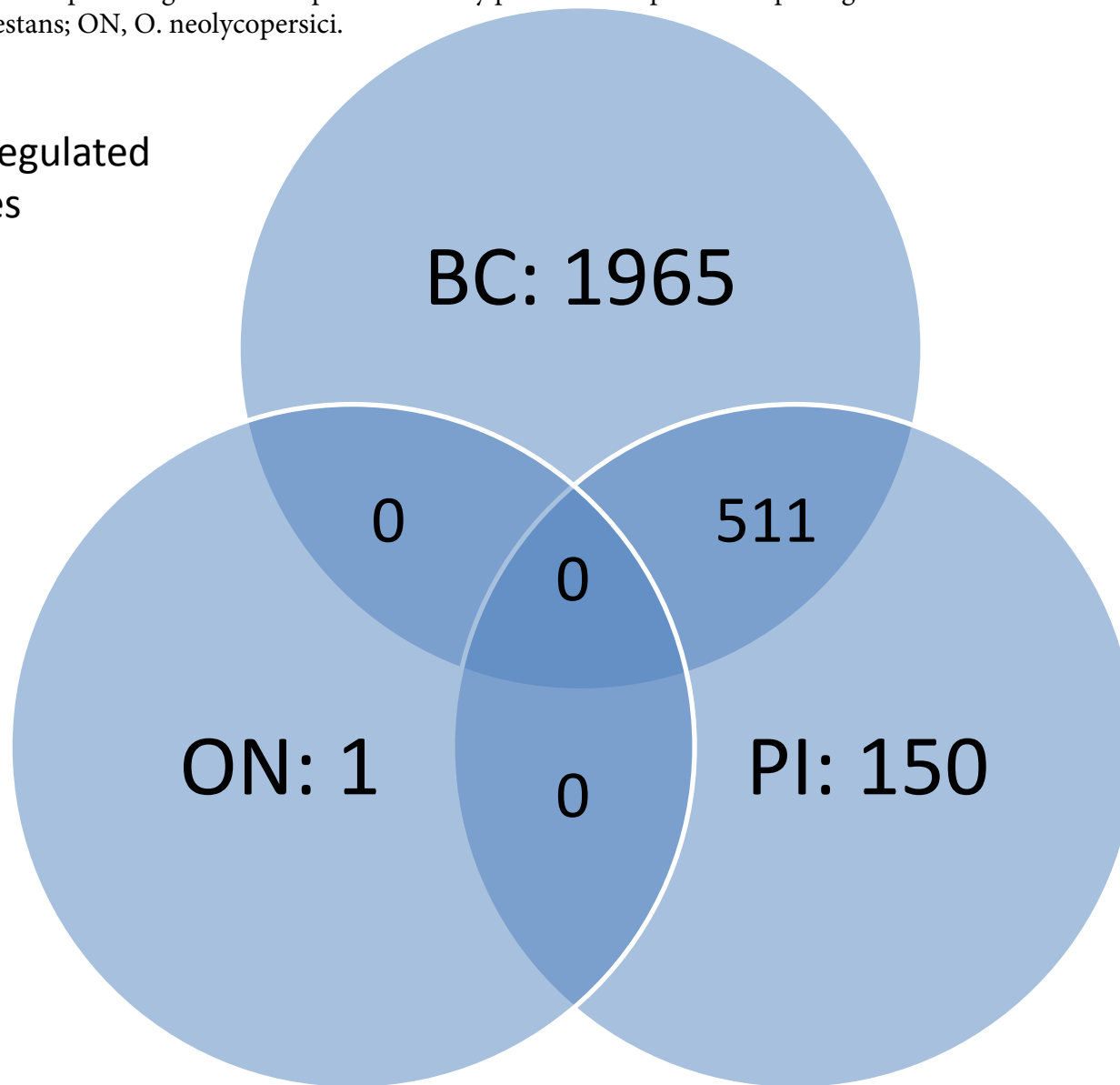


Supplementary Figure S4.2

Venn diagram of differential expressed genes at 24 hpi identified by pairwise comparison of pathogen and mock.treated tomato leaf samples.

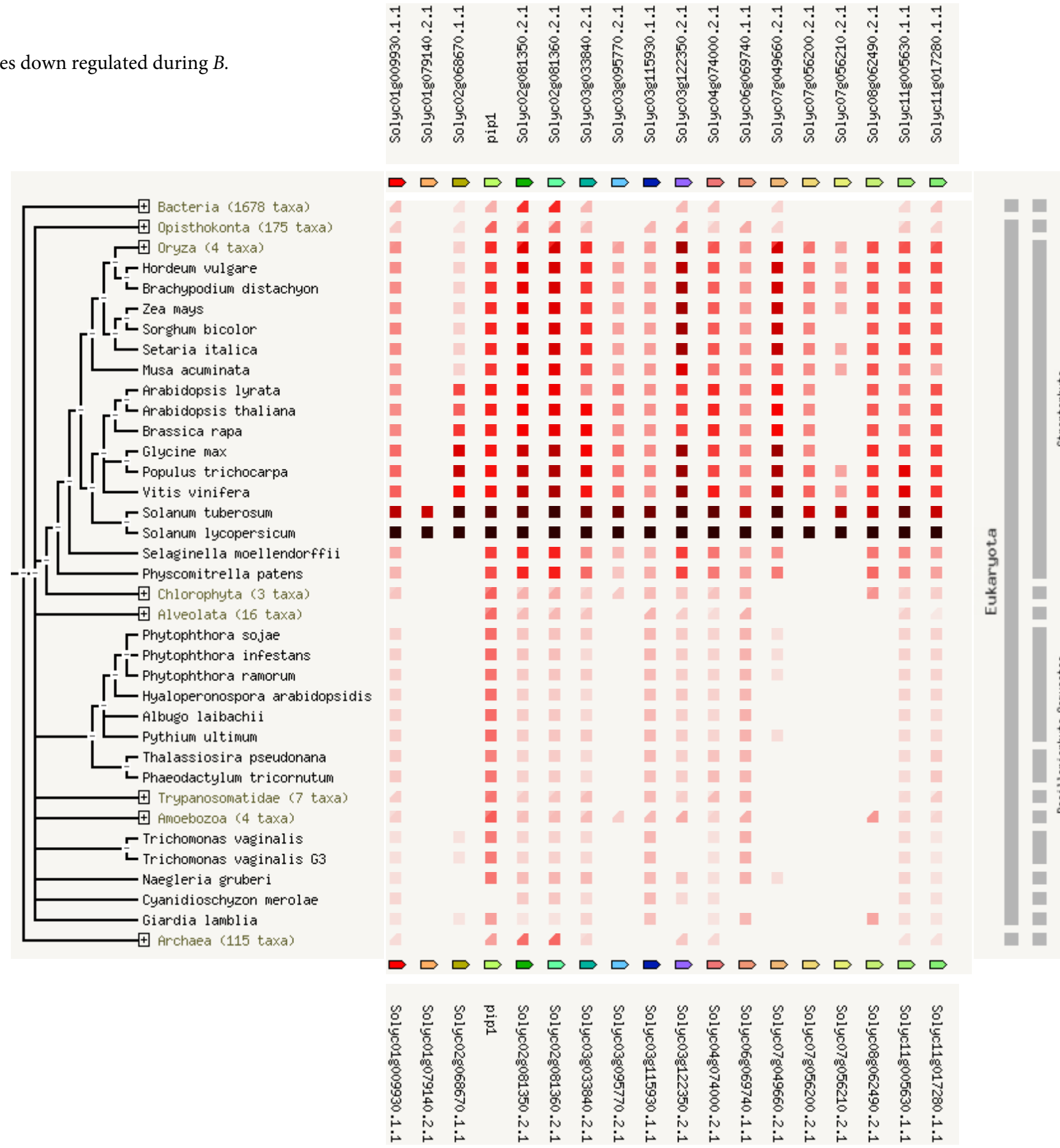
BC, *B. cinerea*; PI, *P. infestans*; ON, *O. neolycopersici*.

Up-regulated
genes



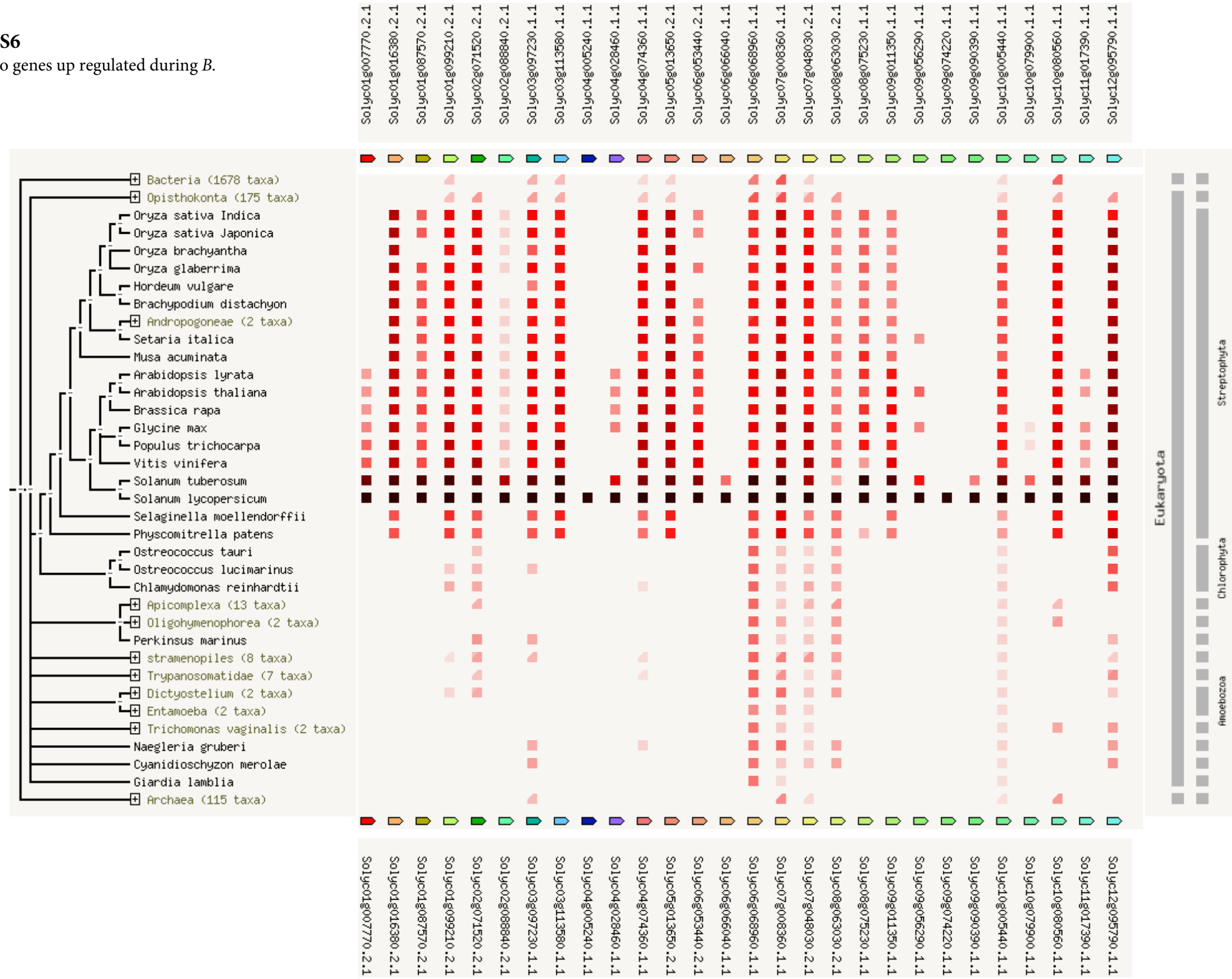
Supplementary Figure S5

Co-occurrence of DE tomato genes down regulated during *B. cinerea* infection at 24 hpi.



Supplementary Figure S6

Co-occurrence of DE tomato genes up regulated during *B. cinerea* infection at 24 hpi.



Supplementary Figure S7

Co-occurrence of DE tomato genes up regulated during *P. infestans* infection at 24 hpi.



Supplementary Table S1

Primers designed in this study and their target gene for differential expression studies. DE was measured for *B. cinerea* (BC) inoculated and corresponding mock inoculated (BCm) samples at 24hpi and normalized to 0 hpi. As reference, genes coding for U6 snRNA-associated Sm-like protein LSm7 and Calcineurin B-like protein were used (Pombo, Zheng et al. 2014, Müller, Grau et al. 2015).

| Gene ID | Protein Name | Primer sequence forward | Primer sequence reverse | Efficiency | Amplicon length | RNAseq DE BC vs BCm | log2FC BC vs BCm | FDR BC vs BCm | Reference gene- and mock infections-normalized qPCR of same samples as uses for RNA-seq | Fold change log2 of qPCR in BC time course | SD |
|--------------------|---------------------------------------|-------------------------|-------------------------|------------|-----------------|---------------------|------------------|---------------|---|--|------|
| Solyc01g105190.2.1 | Unknown Protein | TGGTCCGTGCTATTGAATTCTCT | CAGTACTGGTGCTCAAGTCTGT | 93 | 153 | not DE | -0.5 | 0.8 | 2.4 | 7.2 | 16.9 |
| Solyc02g030170.2.1 | FAD linked oxidase domain protein | TAGAAGTTCTGTTTGGCCTCTCT | CGAGAGAGGAAGGACGACGA | 102 | 143 | down | -4.6 | 4.20E-18 | 27.9 | -38.5 | 12.7 |
| Solyc02g080840.1.1 | F-box-like | CGCGATCAAGGAAGCAGTTG | TACTGGTAGCTGCAATGCCA | 97 | 146 | up | 13.7 | 1.24E-59 | -64.3 | 65.9 | 6.2 |
| Solyc03g112040.1.1 | Cytochrome P450 | GGCTGCTGGAACCTCAAGTCT | GACAACCTCTTCTGCCTGCA | 97 | 167 | up | 11.5 | 2.81E-18 | -38.9 | 33.2 | 3.7 |
| Solyc03g119540.2.1 | CONSTANS-like zinc finger protein | TCAATCCTGATGACTACTGGCC | GCGATACCCTTGCTTCTCTTC | 105 | 105 | down | -4.8 | 4.01E-22 | 38.8 | -45.9 | 9.5 |
| Solyc04g072070.2.1 | WRKY transcription factor 16 | TGATGCCACACCAACACATG | TGCAATCTCCACTTGAACACTTG | 100 | 215 | not DE | 0.4 | 0.7 | -3.5 | 23.3 | 11.6 |
| Solyc06g065060.1.1 | FAD-binding domain-containing protein | ACTTTGCAGGGTTCCCAACA | TCCATCGAGACCTCCCTCTG | 98 | 128 | up | 11.4 | 8.61E-46 | -66.4 | 54.3 | 2.5 |
| Solyc07g056210.2.1 | Unknown Protein | AGCAGCAACTTTACCAGGAGT | TCTCAACTGGCTCTGGACCT | 113 | 161 | not DE | 0.4 | 0.7 | -3.2 | 35.4 | 11.1 |
| Solyc08g080310.1.1 | Multidrug resistance protein mdtK | AGGGGAACCTTTCTTAGCTGGT | GCACAAAAGCTTGTCCACA | 100 | 120 | up | 10.5 | 3.99E-51 | -43.9 | 29.2 | 6.1 |
| Solyc10g078230.1.1 | Cytochrome P450 | TGGGAAGGATTTGATATGGGCC | ACATTGCCAGGCTTAGTACAGT | 117 | 174 | up | 12.3 | 1.37E-23 | -32.4 | 48.9 | 3.5 |
| Solyc11g071290.1.1 | Alcohol dehydrogenase | TGCTACTGGTGGACTTGGTG | AACACAAGTCCAGCTCCAAG | 105 | 132 | down | -7.4 | 1.50E-21 | 39.2 | -48.2 | 18.7 |

Supplementary Table S2

DE genes of EBSeq pattern "healthy vs. diseased" ([PI&BCm&ONm] vs [PI&BC&ON]).

| gene ID | functional_description |
|--------------------|--|
| Solyc01g013900.2.1 | Aldehyde dehydrogenase (AHRD V1 ***- Q71LY7_ORYSI); |
| Solyc01g056270.2.1 | Unknown Protein (AHRD V1) |
| Solyc01g056800.1.1 | Exostosin-like (AHRD V1 ***- Q2HVN7_MEDTR); |
| Solyc01g067450.1.1 | Mutator-like transposase-like (AHRD V1 *--- Q9FH11_ARATH); |
| Solyc01g080820.1.1 | Unknown Protein (AHRD V1) |
| Solyc01g090450.2.1 | Actin-related protein 2/3 complex subunit 5 (AHRD V1 **** A5AQ06_VITVI); |
| Solyc01g098400.2.1 | Histidine phosphotransfer protein (AHRD V1 **** B9I823_POPTR); |
| Solyc01g105880.2.1 | (E)-beta-ocimene synthase (AHRD V1 **** Q5CD81_CITUN); |
| Solyc02g022890.1.1 | Fatty acid hydroxylase family protein expressed (AHRD V1 ***- Q9AY73_ORYSJ); |
| Solyc02g078160.2.1 | Plant-specific domain TIGR01615 family protein (AHRD V1 ***- B6UDN7_MAIZE); |
| Solyc02g085440.2.1 | F-box family protein (AHRD V1 ***- D7MPC5_ARALY) |
| Solyc02g086410.1.1 | Unknown Protein (AHRD V1) |
| Solyc02g086850.1.1 | RNA exonuclease 4 (AHRD V1 ***- B6T4V3_MAIZE); |
| Solyc02g094210.1.1 | Os02g0508100 protein (Fragment) (AHRD V1 ***- Q0E0Z9_ORYSJ) |
| Solyc02g094860.1.1 | cytochrome P450 |
| Solyc03g079950.2.1 | DNA-binding protein BIN4 (AHRD V1 *-.- BIN4_ARATH) |
| Solyc03g113850.1.1 | Guanine nucleotide-binding protein subunit beta (AHRD V1 *-.- GBB_DICDI); |
| Solyc03g115320.1.1 | Expansin (AHRD V1 ***- Q7X9Q3_SAMNI); |
| Solyc03g121850.2.1 | Aleurone layer morphogenesis protein (AHRD V1 *-.- Q7XZV4_ORYSJ) |
| Solyc04g005140.2.1 | Uridine kinase (AHRD V1 *-.- C3SA58_BRADI); |
| Solyc05g005170.2.1 | Polygalacturonase 2 (AHRD V1 ***- A8D0T9_ONCHC); |
| Solyc05g008240.2.1 | Unknown Protein (AHRD V1) |
| Solyc05g009580.2.1 | Aluminum-activated malate transporter-like (AHRD V1 *--- Q5Z6M4_ORYSJ); |
| Solyc05g045630.1.1 | Unknown Protein (AHRD V1); |
| Solyc05g054780.1.1 | Disease resistance response/ dirigent-like protein (AHRD V1 ***- Q9M3C8_ARATH); |
| Solyc06g007580.1.1 | Plant-specific domain TIGR01615 family protein (AHRD V1 *-.- B6SS18_MAIZE); |
| Solyc06g060970.1.1 | Expansin-like protein (AHRD V1 ***- Q0WRS3_ARATH); |
| Solyc06g061060.1.1 | Unknown Protein (AHRD V1) |
| Solyc06g074610.1.1 | Unknown Protein (AHRD V1) |
| Solyc06g083400.1.1 | Xyloglucan endotransglucosylase/hydrolase 2 (AHRD V1 **** Q2MK81_9ROSA); |
| Solyc07g007420.2.1 | Leucine-rich repeat family protein (AHRD V1 ***- D7KDI8_ARALY) |
| Solyc07g008400.1.1 | Pto-like, Serine/threonine kinase protein, resistance protein |
| Solyc07g014730.2.1 | Phospholipase A2 (AHRD V1 **** Q5CCT8_TOBAC); |
| Solyc07g039630.1.1 | Unknown Protein (AHRD V1) |
| Solyc07g042430.1.1 | Dimethylaniline monooxygenase (AHRD V1 **** C1GPZ2_PARBA); |
| Solyc07g052490.2.1 | Myb family transcription factor (AHRD V1 **** D7M4Z5_ARALY); |
| Solyc07g053400.1.1 | Unknown Protein (AHRD V1) |
| Solyc07g055040.1.1 | Agent domain-containing protein (AHRD V1 ***- D7KG24_ARALY); |
| Solyc07g062900.2.1 | Yippee family protein (AHRD V1 ***- D7MTM3_ARALY); |
| Solyc08g016430.1.1 | Unknown Protein (AHRD V1) |
| Solyc08g079230.1.1 | Cortical cell-delineating protein (AHRD V1 *--- B6T836_MAIZE); |
| Solyc08g081850.1.1 | Unknown Protein (AHRD V1); |
| Solyc08g082050.1.1 | UBX domain-containing protein (AHRD V1 ***- D7KBM2_ARALY); |
| Solyc09g042480.1.1 | Chromatin remodeling complex subunit (AHRD V1 ***- B9N1U4_POPTR) |
| Solyc09g042670.2.1 | Unknown Protein (AHRD V1) |
| Solyc09g056100.1.1 | PG1 protein (AHRD V1 *-.- C4VMD4_9LACO) |
| Solyc09g059280.1.1 | Histone H3 (AHRD V1 ***- D6PYM8_ORYSI); |
| Solyc10g011980.2.1 | 2-hydroxyacid dehydrogenase (Fragment) (AHRD V1 *-.- C6F725_PSEMZ) |
| Solyc10g054020.1.1 | Unknown Protein (AHRD V1) |
| Solyc11g006270.1.1 | 3-oxo-5-alpha-steroid 4-dehydrogenase family protein (AHRD V1 ***- D7M7I5_ARALY); |
| Solyc11g011530.1.1 | Unknown Protein (AHRD V1) |
| Solyc11g013380.1.1 | GrpE protein homolog (AHRD V1 ***- B9RJC6_RICCO); |
| Solyc11g013520.1.1 | Histone acetyltransferase (AHRD V1 **** B9H794_POPTR); |
| Solyc11g039370.1.1 | Unknown Protein (AHRD V1) |
| Solyc11g044350.1.1 | WW domain containing adaptor with coiled-coil (AHRD V1 *-.- Q5U4Q0_XENTR); |
| Solyc11g068750.1.1 | NAC domain protein |
| Solyc11g072230.1.1 | Glucan endo-1 3-beta-glucosidase 3 (AHRD V1 ***- B6TLN1_MAIZE); |
| Solyc11g072570.1.1 | Proton-dependent oligopeptide transport family protein (AHRD V1 ***- D7LMP9_ARALY); |
| Solyc12g019090.1.1 | Serine/threonine-protein phosphatase 7 long form homolog (AHRD V1 *--- PPP7L_ARATH); |
| Solyc12g042630.1.1 | Mutator-like transposase-like (AHRD V1 *--- Q9FH11_ARATH); |
| Solyc12g044780.1.1 | F-box family protein (AHRD V1 *-.- D7LXD8_ARALY); |
| Solyc12g044790.1.1 | F-box family protein (AHRD V1 *-.- D7LXD8_ARALY); |
| Solyc12g070180.1.1 | Ulp1 protease family C-terminal catalytic domain containing protein (AHRD V1 ***- Q60D46_SOLDE); |

Supplementary Table S3

DE genes identified with pairwise correlation of *B. cinerea*- and mock-infected tomato leaf tissue.

| Gene ID | logFC | logCPM | PValue | FDR | BCm1 | BCm2 | BCm3 | BC1 | BC2 | BC3 | | | |
|--------------------|----------|----------|----------|----------|------|------|------|--------|--------|-------|------|---------|------|
| Solyc01g101190.2.1 | -16.4747 | 6.764242 | 3.52E-48 | 1.21E-44 | 0 | 0 | 0 | 0 | 13145 | 6111 | 4394 | BC up | 2476 |
| Solyc05g046340.1.1 | -15.2992 | 5.588955 | 9.20E-42 | 1.82E-38 | 0 | 0 | 0 | 0 | 6217 | 2157 | 1939 | BC down | 2264 |
| Solyc06g066230.2.1 | -13.7785 | 6.429372 | 9.74E-60 | 1.35E-55 | 0 | 1 | 1 | 7324 | 6035 | 5317 | | | |
| Solyc02g080840.1.1 | -13.7404 | 6.873349 | 4.49E-64 | 1.24E-59 | 1 | 2 | 0 | 8046 | 11358 | 6974 | | | |
| Solyc01g101210.2.1 | -13.6818 | 3.972293 | 2.47E-20 | 4.21E-18 | 0 | 0 | 0 | 2577 | 225 | 460 | | | |
| Solyc08g078920.1.1 | -13.3721 | 3.662473 | 2.81E-20 | 4.77E-18 | 0 | 0 | 0 | 1633 | 134 | 762 | | | |
| Solyc04g054380.1.1 | -13.1697 | 3.461212 | 2.49E-32 | 1.57E-29 | 0 | 0 | 0 | 1271 | 942 | 305 | | | |
| Solyc04g071590.1.1 | -12.5505 | 5.173118 | 2.18E-55 | 2.01E-51 | 0 | 2 | 0 | 1548 | 4105 | 2547 | | | |
| Solyc06g083960.1.1 | -12.489 | 4.416728 | 1.21E-46 | 3.73E-43 | 0 | 0 | 1 | 809 | 2487 | 1561 | | | |
| Solyc01g101050.2.1 | -12.4606 | 2.753024 | 7.28E-28 | 3.10E-25 | 0 | 0 | 0 | 256 | 686 | 548 | | | |
| Solyc06g011440.1.1 | -12.3929 | 2.685667 | 3.33E-29 | 1.56E-26 | 0 | 0 | 0 | 628 | 489 | 306 | | | |
| Solyc10g078230.1.1 | -12.349 | 2.641256 | 3.86E-26 | 1.37E-23 | 0 | 0 | 0 | 518 | 294 | 476 | | | |
| Solyc12g019620.1.1 | -12.2345 | 2.527708 | 5.38E-29 | 2.44E-26 | 0 | 0 | 0 | 488 | 502 | 298 | | | |
| Solyc01g094160.1.1 | -12.1415 | 2.434674 | 2.32E-26 | 8.45E-24 | 0 | 0 | 0 | 266 | 472 | 435 | | | |
| Solyc01g101180.2.1 | -12.0011 | 8.530847 | 4.35E-26 | 1.52E-23 | 23 | 0 | 5 | 42241 | 21891 | 16329 | | | |
| Solyc12g088850.1.1 | -11.9878 | 2.28157 | 1.28E-25 | 4.12E-23 | 0 | 0 | 0 | 434 | 352 | 274 | | | |
| Solyc05g008170.1.1 | -11.9708 | 2.264806 | 7.32E-26 | 2.44E-23 | 0 | 0 | 0 | 422 | 407 | 242 | | | |
| Solyc03g112040.1.1 | -11.4626 | 1.758643 | 1.58E-20 | 2.81E-18 | 0 | 0 | 0 | 352 | 250 | 146 | | | |
| Solyc02g094270.1.1 | -11.4379 | 6.02639 | 2.20E-48 | 8.69E-45 | 0 | 10 | 0 | 5599 | 4762 | 3855 | | | |
| Solyc01g008640.2.1 | -11.4352 | 1.731347 | 6.64E-21 | 1.26E-18 | 0 | 0 | 0 | 324 | 250 | 158 | | | |
| Solyc06g065060.1.1 | -11.3937 | 9.271168 | 1.87E-49 | 8.61E-46 | 22 | 65 | 12 | 31507 | 68434 | 40645 | | | |
| Solyc12g057070.1.1 | -10.9825 | 1.281322 | 8.59E-15 | 7.22E-13 | 0 | 0 | 0 | 326 | 132 | 72 | | | |
| Solyc09g091130.2.1 | -10.969 | 1.265559 | 2.52E-16 | 2.59E-14 | 0 | 0 | 0 | 105 | 171 | 226 | | | |
| Solyc02g078680.1.1 | -10.96 | 1.257146 | 2.45E-15 | 2.24E-13 | 0 | 0 | 0 | 69 | 217 | 226 | | | |
| Solyc09g064760.1.1 | -10.8936 | 1.192809 | 6.38E-16 | 6.17E-14 | 0 | 0 | 0 | 264 | 142 | 92 | | | |
| Solyc02g080920.1.1 | -10.8636 | 1.164004 | 1.17E-15 | 1.10E-13 | 0 | 0 | 0 | 257 | 174 | 71 | | | |
| Solyc06g082420.2.1 | -10.846 | 1.148952 | 3.18E-15 | 2.85E-13 | 0 | 0 | 0 | 198 | 283 | 51 | | | |
| Solyc02g070110.1.1 | -10.823 | 8.049644 | 3.27E-41 | 5.64E-38 | 12 | 38 | 12 | 8045 | 40761 | 15271 | | | |
| Solyc04g077240.2.1 | -10.7872 | 1.087392 | 7.71E-17 | 8.56E-15 | 0 | 0 | 0 | 109 | 219 | 146 | | | |
| Solyc09g066350.1.1 | -10.7841 | 5.370428 | 9.83E-44 | 2.47E-40 | 0 | 10 | 0 | 4326 | 2615 | 2051 | | | |
| Solyc07g042220.1.1 | -10.7451 | 1.045871 | 1.87E-16 | 1.97E-14 | 0 | 0 | 0 | 194 | 166 | 97 | | | |
| Solyc05g050870.2.1 | -10.7439 | 1.045931 | 7.38E-12 | 3.94E-10 | 0 | 0 | 0 | 305 | 130 | 27 | | | |
| Solyc05g039950.1.1 | -10.7152 | 6.151324 | 3.14E-35 | 2.96E-32 | 1 | 4 | 11 | 8658 | 4383 | 2590 | | | |
| Solyc04g015380.1.1 | -10.657 | 0.95814 | 3.08E-09 | 9.43E-08 | 0 | 0 | 0 | 351 | 49 | 16 | | | |
| Solyc01g005500.2.1 | -10.6041 | 5.334685 | 3.28E-30 | 1.74E-27 | 7 | 2 | 0 | 5370 | 1826 | 1482 | | | |
| Solyc07g052260.2.1 | -10.4811 | 0.777287 | 5.69E-11 | 2.52E-09 | 0 | 0 | 0 | 29 | 104 | 209 | | | |
| Solyc08g080310.1.1 | -10.481 | 5.535837 | 5.77E-55 | 3.99E-51 | 4 | 9 | 0 | 3497 | 4849 | 2293 | | | |
| Solyc04g072280.2.1 | -10.4093 | 10.35195 | 4.85E-18 | 5.98E-16 | 243 | 22 | 29 | 65015 | 181447 | 66004 | | | |
| Solyc08g076630.1.1 | -10.3982 | 0.702106 | 6.03E-13 | 3.81E-11 | 0 | 0 | 0 | 201 | 99 | 55 | | | |
| Solyc09g066160.1.1 | -10.2991 | 2.180438 | 1.72E-20 | 3.02E-18 | 0 | 1 | 0 | 115 | 523 | 378 | | | |
| Solyc04g054940.1.1 | -10.2986 | 0.600465 | 2.94E-12 | 1.67E-10 | 0 | 0 | 0 | 171 | 58 | 85 | | | |
| Solyc08g075980.1.1 | -10.2643 | 0.566308 | 4.62E-11 | 2.09E-09 | 0 | 0 | 0 | 194 | 41 | 70 | | | |
| Solyc02g076860.2.1 | -10.2383 | 0.544255 | 2.34E-13 | 1.59E-11 | 0 | 0 | 0 | 149 | 110 | 62 | | | |
| Solyc02g080850.1.1 | -10.2363 | 4.89113 | 1.11E-54 | 6.13E-51 | 0 | 8 | 2 | 2404 | 2506 | 1674 | | | |
| Solyc11g069880.1.1 | -10.2314 | 2.835581 | 9.32E-27 | 3.58E-24 | 0 | 2 | 0 | 370 | 395 | 692 | | | |
| Solyc06g083970.1.1 | -10.0981 | 0.404032 | 3.77E-13 | 2.46E-11 | 0 | 0 | 0 | 106 | 95 | 83 | | | |
| Solyc02g086040.1.1 | -10.0722 | 0.386404 | 1.64E-10 | 6.62E-09 | 0 | 0 | 0 | 24 | 225 | 70 | | | |
| Solyc08g082520.1.1 | -10.0021 | 3.088071 | 4.57E-33 | 3.32E-30 | 0 | 3 | 0 | 604 | 629 | 599 | | | |
| Solyc04g071600.2.1 | -9.96564 | 7.8815 | 4.67E-43 | 1.08E-39 | 19 | 72 | 13 | 13861 | 23352 | 15590 | | | |
| Solyc12g009130.1.1 | -9.96382 | 0.286779 | 4.94E-07 | 8.88E-06 | 0 | 0 | 0 | 2 | 263 | 50 | | | |
| Solyc10g078220.1.1 | -9.94739 | 9.861819 | 3.42E-29 | 1.58E-26 | 108 | 285 | 20 | 60416 | 86584 | 60072 | | | |
| Solyc02g078340.2.1 | -9.86691 | 2.954287 | 7.42E-33 | 5.00E-30 | 0 | 3 | 0 | 527 | 671 | 508 | | | |
| Solyc12g005440.1.1 | -9.81122 | 0.115654 | 3.29E-10 | 1.26E-08 | 0 | 0 | 0 | 98 | 35 | 84 | | | |
| Solyc09g014820.2.1 | -9.80565 | 2.886644 | 1.89E-29 | 9.16E-27 | 0 | 3 | 0 | 314 | 901 | 487 | | | |
| Solyc06g008540.1.1 | -9.79485 | 0.10764 | 6.62E-11 | 2.89E-09 | 0 | 0 | 0 | 35 | 128 | 79 | | | |
| Solyc06g082560.1.1 | -9.78601 | 0.095699 | 1.64E-11 | 8.23E-10 | 0 | 0 | 0 | 56 | 90 | 83 | | | |
| Solyc03g112710.1.1 | -9.75581 | 0.067842 | 5.63E-11 | 2.50E-09 | 0 | 0 | 0 | 113 | 67 | 46 | | | |
| Solyc09g066190.1.1 | -9.7541 | 4.135315 | 1.00E-40 | 1.63E-37 | 6 | 1 | 1 | 1045 | 1565 | 1250 | | | |
| Solyc03g098670.1.1 | -9.74573 | 6.109675 | 1.90E-19 | 2.89E-17 | 0 | 40 | 1 | 3127 | 7883 | 4717 | | | |
| Solyc06g068900.2.1 | -9.72316 | 4.706936 | 1.50E-26 | 5.60E-24 | 10 | 0 | 0 | 833 | 2864 | 2134 | | | |
| Solyc12g049040.1.1 | -9.71249 | 0.02481 | 4.94E-10 | 1.79E-08 | 0 | 0 | 0 | 129 | 51 | 37 | | | |
| Solyc07g062200.1.1 | -9.69847 | 0.012814 | 1.64E-11 | 8.23E-10 | 0 | 0 | 0 | 58 | 103 | 63 | | | |
| Solyc08g074260.2.1 | -9.68879 | 7.32419 | 7.22E-39 | 1.05E-35 | 25 | 35 | 16 | 17873 | 8318 | 8071 | | | |
| Solyc07g041650.1.1 | -9.68784 | 0.017625 | 2.21E-08 | 5.64E-07 | 0 | 0 | 0 | 15 | 214 | 32 | | | |
| Solyc09g005830.1.1 | -9.64643 | 5.83165 | 7.23E-37 | 7.99E-34 | 6 | 24 | 1 | 2659 | 5282 | 4529 | | | |
| Solyc07g061710.1.1 | -9.63762 | -0.0437 | 3.65E-11 | 1.69E-09 | 0 | 0 | 0 | 68 | 111 | 43 | | | |
| Solyc12g005380.1.1 | -9.62476 | 2.232832 | 1.18E-24 | 3.35E-22 | 0 | 2 | 0 | 395 | 529 | 174 | | | |
| Solyc03g044850.1.1 | -9.59433 | 2.298212 | 1.07E-20 | 1.97E-18 | 0 | 0 | 2 | 579 | 241 | 229 | | | |
| Solyc06g075740.1.1 | -9.5798 | -0.09565 | 4.04E-10 | 1.50E-08 | 0 | 0 | 0 | 38 | 147 | 40 | | | |
| Solyc05g016690.2.1 | -9.55365 | 5.138333 | 7.64E-33 | 5.03E-30 | 0 | 22 | 0 | 2803 | 2941 | 2045 | | | |
| Solyc06g008550.1.1 | -9.53833 | 3.623904 | 7.48E-38 | 8.99E-35 | 3 | 2 | 1 | 655 | 1108 | 934 | | | |
| Solyc10g080460.1.1 | -9.51905 | -0.17058 | 6.44E-10 | 2.28E-08 | 0 | 0 | 0 | 70 | 42 | 69 | | | |
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| Solyc05g047530.2.1 | -9.43878 | 4.39578 | 1.43E-41 | 2.63E-38 | 0 | 12 | 1 | 1102 | 2150 | 1461 | | | |
| Solyc12g019640.1.1 | -9.43475 | 3.578013 | 2.80E-38 | 3.69E-35 | 0 | 7 | 0 | 835 | 1271 | 627 | | | |
| Solyc03g083690.1.1 | -9.42172 | 5.152333 | 5.62E-44 | 1.55E-40 | 11 | 6 | 2 | 2944 | 2655 | 2152 | | | |
| Solyc07g052370.2.1 | -9.41925 | 10.23029 | 4.86E-28 | 2.13E-25 | 283 | 357 | 48 | 112660 | 89713 | 61997 | | | |
| Solyc01g090310.2.1 | -9.3796 | -0.30684 | 2.12E-08 | 5.43E-07 | 0 | 0 | 0 | 99 | 22 | 43 | | | |
| Solyc09g011620.1.1 | -9.36146 | 1.338041 | 2.48E-14 | 1.97E-12 | 1 | 0 | 0 | 169 | 90 | 242 | | | |

| | | | | | | | | | | |
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| Solyc08g013930.2.1 | -9.35307 | -0.31741 | 2.70E-08 | 6.70E-07 | 0 | 0 | 0 | 92 | 82 | 11 |
| Solyc11g045690.1.1 | -9.33276 | -0.34653 | 4.47E-10 | 1.63E-08 | 0 | 0 | 0 | 58 | 65 | 47 |
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| Solyc07g005920.1.1 | -9.18908 | -0.48462 | 1.97E-07 | 3.92E-06 | 0 | 0 | 0 | 107 | 33 | 13 |
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| Solyc06g065420.1.1 | -9.17179 | -0.51085 | 1.53E-08 | 4.06E-07 | 0 | 0 | 0 | 65 | 28 | 49 |
| Solyc02g080930.1.1 | -9.17007 | 3.829943 | 2.20E-22 | 4.69E-20 | 8 | 0 | 0 | 1755 | 1015 | 414 |
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| Solyc07g017360.1.1 | -9.15631 | -0.51807 | 3.19E-09 | 9.72E-08 | 0 | 0 | 0 | 64 | 51 | 35 |
| Solyc06g061210.2.1 | -9.15629 | 8.811003 | 5.62E-11 | 2.50E-09 | 195 | 62 | 0 | 43510 | 30072 | 24034 |
| Solyc03g025640.1.1 | -9.12795 | 5.925853 | 1.28E-12 | 7.71E-11 | 32 | 0 | 0 | 3224 | 7396 | 3497 |
| Solyc03g098570.1.1 | -9.12423 | -0.54563 | 3.40E-08 | 8.19E-07 | 0 | 0 | 0 | 16 | 88 | 50 |
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| Solyc01g102380.2.1 | -8.91721 | -0.74115 | 4.04E-08 | 9.54E-07 | 0 | 0 | 0 | 21 | 82 | 34 |
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| Solyc06g005100.2.1 | -8.82835 | -0.82371 | 9.08E-08 | 1.96E-06 | 0 | 0 | 0 | 51 | 64 | 14 |
| Solyc01g006530.1.1 | -8.79943 | -0.86643 | 3.45E-08 | 8.27E-07 | 0 | 0 | 0 | 40 | 39 | 36 |
| Solyc07g015910.2.1 | -8.7856 | -0.87363 | 5.74E-06 | 7.58E-05 | 0 | 0 | 0 | 3 | 72 | 46 |
| Solyc04g051620.1.1 | -8.77309 | 1.378463 | 2.88E-19 | 4.26E-17 | 0 | 2 | 0 | 182 | 237 | 157 |
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| Solyc02g036240.1.1 | -8.74292 | 3.90758 | 8.96E-25 | 2.63E-22 | 9 | 2 | 1 | 739 | 2559 | 480 |
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| Solyc01g067040.1.1 | -8.71447 | -0.94251 | 6.14E-08 | 1.39E-06 | 0 | 0 | 0 | 46 | 42 | 24 |
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| Solyc12g049170.1.1 | -8.40167 | -1.2593 | 0.000494 | 0.003484 | 0 | 0 | 0 | 64 | 0 | 17 |
| Solyc01g110080.1.1 | -8.39701 | -1.21501 | 6.99E-06 | 8.95E-05 | 0 | 0 | 0 | 9 | 83 | 13 |
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| Solyc07g018080.1.1 | -8.34655 | -1.29116 | 5.76E-07 | 1.02E-05 | 0 | 0 | 0 | 21 | 42 | 25 |
| Solyc12g096740.1.1 | -8.322 | -1.31455 | 1.94E-06 | 2.95E-05 | 0 | 0 | 0 | 45 | 27 | 13 |
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| Solyc12g096840.1.1 | -8.29734 | -1.34392 | 7.57E-07 | 1.29E-05 | 0 | 0 | 0 | 25 | 31 | 26 |
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| Solyc11g044500.1.1 | -8.26462 | -1.35318 | 1.61E-06 | 2.50E-05 | 0 | 0 | 0 | 25 | 52 | 12 |
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| Solyc01g044520.1.1 | -8.22624 | -1.40613 | 1.38E-05 | 0.000161 | 0 | 0 | 0 | 5 | 45 | 31 |
| Solyc04g025530.2.1 | -8.21778 | 9.496654 | 8.19E-26 | 2.70E-23 | 444 | 334 | 102 | 37718 | 92768 | 39060 |
| Solyc02g070130.1.1 | -8.20526 | -1.41412 | 2.07E-05 | 0.00023 | 0 | 0 | 0 | 4 | 55 | 25 |
| Solyc03g098540.1.1 | -8.1977 | -1.42286 | 0.000343 | 0.002576 | 0 | 0 | 0 | 0 | 55 | 28 |
| Solyc02g062310.1.1 | -8.18164 | 0.982233 | 1.98E-10 | 7.85E-09 | 2 | 0 | 0 | 287 | 115 | 34 |
| Solyc06g076160.2.1 | -8.17832 | 8.406129 | 1.32E-29 | 6.63E-27 | 160 | 266 | 49 | 29476 | 24315 | 19886 |
| Solyc04g028460.1.1 | -8.16558 | -1.52066 | 0.00046 | 0.003291 | 0 | 0 | 0 | 2 | 4 | 55 |
| Solyc10g011920.1.1 | -8.14071 | 0.142526 | 2.16E-10 | 8.50E-09 | 1 | 0 | 0 | 117 | 70 | 50 |
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| Solyc07g064660.1.1 | -8.11037 | 6.210495 | 7.86E-37 | 8.36E-34 | 25 | 59 | 26 | 2953 | 10699 | 4054 |
| Solyc09g059410.1.1 | -8.07595 | -1.55733 | 0.000138 | 0.001187 | 0 | 0 | 0 | 55 | 4 | 8 |
| Solyc04g078170.1.1 | -8.07427 | -1.53117 | 4.52E-06 | 6.15E-05 | 0 | 0 | 0 | 27 | 41 | 9 |
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| Solyc07g065150.1.1 | -8.03967 | -1.56392 | 2.43E-05 | 0.000265 | 0 | 0 | 0 | 38 | 32 | 4 |
| Solyc07g052130.1.1 | -8.01446 | 5.139007 | 7.08E-24 | 1.78E-21 | 26 | 26 | 0 | 2302 | 4116 | 1759 |
| Solyc12g088330.1.1 | -7.99908 | 3.334798 | 5.35E-24 | 1.38E-21 | 0 | 4 | 11 | 1008 | 717 | 485 |
| Solyc09g059160.1.1 | -7.99459 | -1.59981 | 1.23E-05 | 0.000146 | 0 | 0 | 0 | 27 | 41 | 6 |
| Solyc11g069870.1.1 | -7.98965 | -1.62549 | 3.29E-06 | 4.64E-05 | 0 | 0 | 0 | 19 | 30 | 19 |
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| Solyc04g052960.1.1 | -7.97852 | -1.62591 | 4.72E-06 | 6.39E-05 | 0 | 0 | 0 | 26 | 33 | 11 |
| Solyc10g009530.2.1 | -7.97679 | -0.01746 | 3.13E-10 | 1.20E-08 | 1 | 0 | 0 | 91 | 82 | 44 |
| Solyc02g036180.1.1 | -7.96686 | 0.568739 | 1.45E-12 | 8.69E-11 | 0 | 2 | 0 | 84 | 206 | 62 |
| Solyc05g041220.1.1 | -7.96598 | -1.63106 | 9.95E-06 | 0.000121 | 0 | 0 | 0 | 10 | 46 | 16 |
| Solyc12g006750.1.1 | -7.96225 | -1.6496 | 0.000988 | 0.006278 | 0 | 0 | 0 | 56 | 9 | 0 |
| Solyc07g005380.2.1 | -7.95535 | 7.524748 | 1.57E-24 | 4.35E-22 | 128 | 93 | 47 | 22287 | 10300 | 7334 |

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|---------------------|----------|----------|----------|----------|------|------|------|-------|--------|-------|
| Solyc05g050730.1.1 | -7.95016 | -0.07413 | 7.84E-10 | 2.73E-08 | 0 | 0 | 1 | 26 | 96 | 83 |
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| Solyc02g087090.2.1 | -7.90551 | -0.08737 | 8.45E-10 | 2.92E-08 | 1 | 0 | 0 | 89 | 63 | 49 |
| Solyc01g079970.2.1 | -7.90127 | 0.751746 | 6.74E-07 | 1.17E-05 | 2 | 0 | 0 | 313 | 29 | 13 |
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| Solyc12g098790.1.1 | -7.8781 | -1.77285 | 0.001198 | 0.007392 | 0 | 0 | 0 | 26 | 0 | 27 |
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| Solyc07g007740.1.1 | -7.80463 | -1.79912 | 1.04E-05 | 0.000127 | 0 | 0 | 0 | 13 | 26 | 20 |
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| Solyc09g082480.1.1 | -7.77268 | -1.86581 | 0.000112 | 0.000999 | 0 | 0 | 0 | 16 | 5 | 29 |
| Solyc08g066100.2.1 | -7.77106 | 1.424137 | 3.02E-13 | 2.02E-11 | 0 | 5 | 0 | 63 | 273 | 247 |
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| Solyc04g051360.2.1 | -7.76264 | -0.35691 | 8.43E-09 | 2.38E-07 | 0 | 1 | 0 | 24 | 57 | 79 |
| Solyc03g005520.1.1 | -7.75113 | 3.940826 | 6.16E-39 | 9.46E-36 | 9 | 14 | 5 | 1030 | 1394 | 973 |
| Solyc02g078930.1.1 | -7.72794 | 3.778183 | 6.80E-24 | 1.72E-21 | 16 | 4 | 2 | 1187 | 1322 | 606 |
| Solyc05g006310.1.1 | -7.72594 | -1.86131 | 1.74E-05 | 0.000199 | 0 | 0 | 0 | 10 | 31 | 17 |
| Solyc05g013650.2.1 | -7.71179 | -1.84834 | 4.07E-05 | 0.000418 | 0 | 0 | 0 | 9 | 45 | 9 |
| Solyc08g078180.1.1 | -7.69944 | 6.336483 | 1.80E-33 | 1.35E-30 | 20 | 121 | 34 | 6228 | 6918 | 4713 |
| Solyc04g081620.1.1 | -7.69124 | -1.9089 | 0.000127 | 0.001108 | 0 | 0 | 0 | 37 | 7 | 8 |
| Solyc12g088800.1.1 | -7.66929 | 5.754625 | 1.03E-38 | 1.43E-35 | 36 | 28 | 33 | 3825 | 5642 | 2829 |
| Solyc01g095080.2.1 | -7.66806 | 9.21447 | 1.09E-08 | 2.99E-07 | 780 | 104 | 6 | 41296 | 71591 | 26310 |
| Solyc01g006840.2.1 | -7.65806 | 3.168963 | 9.27E-26 | 3.01E-23 | 6 | 12 | 0 | 539 | 751 | 659 |
| Solyc03g078270.1.1 | -7.65517 | 4.348022 | 1.95E-34 | 1.63E-31 | 17 | 19 | 3 | 1463 | 2036 | 1102 |
| Solyc04g008530.1.1 | -7.63863 | -1.96929 | 0.000777 | 0.005138 | 0 | 0 | 0 | 37 | 1 | 10 |
| Solyc02g078650.2.1 | -7.63407 | 10.1228 | 5.75E-32 | 3.53E-29 | 542 | 1316 | 485 | 56454 | 168117 | 46992 |
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| Solyc11g068570.1.1 | -7.62615 | -1.95533 | 0.000107 | 0.000958 | 0 | 0 | 0 | 34 | 13 | 5 |
| Solyc05g012660.1.1 | -7.60183 | 6.515922 | 2.38E-37 | 2.74E-34 | 48 | 116 | 33 | 6992 | 9100 | 4649 |
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| Solyc10g050730.1.1 | -7.57602 | 2.919311 | 6.82E-15 | 5.76E-13 | 0 | 19 | 0 | 873 | 581 | 241 |
| Solyc07g005080.1.1 | -7.56237 | 0.164894 | 6.77E-11 | 2.95E-09 | 0 | 2 | 0 | 97 | 114 | 43 |
| Solyc01g106530.1.1 | -7.55447 | -0.46348 | 1.90E-06 | 2.91E-05 | 0 | 0 | 1 | 63 | 9 | 66 |
| Solyc05g053610.2.1 | -7.54746 | 6.199215 | 8.48E-09 | 2.39E-07 | 0 | 204 | 8 | 2945 | 9964 | 4366 |
| Solyc02g071480.2.1 | -7.52205 | -2.03804 | 0.000277 | 0.002145 | 0 | 0 | 0 | 32 | 16 | 2 |
| Solyc03g044180.1.1 | -7.49737 | 7.340985 | 1.72E-10 | 6.86E-09 | 195 | 120 | 1 | 12204 | 16784 | 7993 |
| Solyc10g085110.1.1 | -7.49559 | -2.06329 | 0.000124 | 0.001082 | 0 | 0 | 0 | 28 | 17 | 4 |
| NCRNA_1_340 | -7.48039 | -2.07409 | 7.69E-05 | 0.000722 | 0 | 0 | 0 | 6 | 30 | 14 |
| Solyc02g021350.2.1 | -7.4775 | 2.252718 | 2.28E-19 | 3.44E-17 | 5 | 5 | 0 | 236 | 569 | 288 |
| Solyc11g071990.1.1 | -7.47015 | 4.021055 | 8.94E-37 | 9.15E-34 | 8 | 20 | 9 | 796 | 1986 | 968 |
| Solyc10g011930.1.1 | -7.46251 | 7.187878 | 4.92E-14 | 3.70E-12 | 125 | 211 | 4 | 12242 | 13279 | 7203 |
| Solyc06g048800.1.1 | -7.46164 | -0.64992 | 2.27E-08 | 5.78E-07 | 0 | 1 | 0 | 39 | 33 | 56 |
| Solyc11g069560.1.1 | -7.44281 | 6.245413 | 9.15E-09 | 2.56E-07 | 118 | 13 | 1 | 8966 | 5700 | 2331 |
| Solyc11g018800.1.1 | -7.4123 | 9.624571 | 8.71E-22 | 1.81E-19 | 836 | 609 | 223 | 86730 | 50648 | 34613 |
| Solyc03g112030.1.1 | -7.41102 | 6.472884 | 4.35E-25 | 1.35E-22 | 92 | 68 | 29 | 9487 | 6615 | 3584 |
| Solyc09g097950.1.1 | -7.40557 | -2.11606 | 0.000115 | 0.001019 | 0 | 0 | 0 | 9 | 36 | 6 |
| Solyc01g102900.2.1 | -7.39265 | 2.004317 | 2.53E-12 | 1.44E-10 | 0 | 3 | 6 | 57 | 542 | 321 |
| Solyc06g075730.1.1 | -7.38768 | -0.01095 | 3.67E-10 | 1.77E-08 | 0 | 2 | 0 | 45 | 110 | 66 |
| Solyc03g078280.1.1 | -7.38481 | 4.334743 | 7.85E-28 | 3.29E-25 | 22 | 22 | 2 | 1432 | 1927 | 1155 |
| Solyc07g052120.2.1 | -7.37654 | 7.595074 | 4.52E-18 | 5.60E-16 | 234 | 157 | 24 | 12509 | 20997 | 10615 |
| Solyc08g006750.2.1 | -7.37341 | 9.392492 | 1.44E-19 | 2.22E-17 | 854 | 310 | 185 | 49808 | 69791 | 33600 |
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| Solyc08g079080.2.1 | -7.35403 | 1.004438 | 3.35E-11 | 1.56E-09 | 0 | 5 | 0 | 42 | 310 | 125 |
| Solyc12g013470.1.1 | -7.34905 | 1.025211 | 3.67E-14 | 2.82E-12 | 0 | 5 | 0 | 169 | 181 | 102 |
| TRNA_1_54 | -7.3455 | -2.23352 | 0.000439 | 0.003168 | 0 | 0 | 0 | 24 | 3 | 12 |
| Solyc01g087950.2.1 | -7.3426 | 1.360858 | 1.41E-12 | 8.45E-11 | 5 | 0 | 0 | 125 | 359 | 124 |
| Solyc10g018340.1.1 | -7.33974 | 5.636573 | 2.77E-27 | 1.09E-24 | 19 | 110 | 13 | 4075 | 4487 | 2561 |
| Solyc10g018320.1.1 | -7.32959 | -2.23351 | 0.000827 | 0.005407 | 0 | 0 | 0 | 32 | 3 | 5 |
| Solyc05g010170.1.1 | -7.32058 | 2.174326 | 1.27E-10 | 5.23E-09 | 8 | 1 | 0 | 665 | 203 | 107 |
| Solyc04g072000.2.1 | -7.31674 | 9.305471 | 8.54E-19 | 1.19E-16 | 767 | 569 | 97 | 48187 | 61166 | 33178 |
| Solyc02g077580.1.1 | -7.30857 | 1.808764 | 1.64E-13 | 1.15E-11 | 7 | 0 | 0 | 166 | 398 | 228 |
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| Solyc10g084910.1.1 | -7.28924 | -2.27485 | 0.000137 | 0.001181 | 0 | 0 | 0 | 8 | 13 | 18 |
| Solyc03g0066230.1.1 | -7.28379 | -2.30351 | 0.000371 | 0.002745 | 0 | 0 | 0 | 10 | 5 | 21 |
| Solyc12g096750.1.1 | -7.27835 | -0.6647 | 9.87E-07 | 1.63E-05 | 1 | 0 | 0 | 75 | 56 | 10 |
| Solyc06g076060.1.1 | -7.26812 | 0.671596 | 1.54E-12 | 9.11E-11 | 0 | 4 | 0 | 127 | 139 | 85 |
| Solyc10g012100.1.1 | -7.26488 | -2.26725 | 0.000993 | 0.006304 | 0 | 0 | 0 | 30 | 10 | 1 |
| Solyc11g005860.1.1 | -7.25286 | 2.908265 | 8.74E-15 | 7.30E-13 | 0 | 24 | 0 | 504 | 634 | 500 |
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| Solyc04g079260.2.1 | -7.21411 | 7.563418 | 1.88E-27 | 7.51E-25 | 151 | 178 | 152 | 5733 | 25108 | 13017 |
| Solyc05g021390.2.1 | -7.20337 | 2.2342 | 1.06E-12 | 6.45E-11 | 0 | 15 | 0 | 558 | 362 | 135 |
| Solyc03g098740.1.1 | -7.19608 | 10.29519 | 5.86E-15 | 5.02E-13 | 1894 | 839 | 160 | 79244 | 136986 | 70186 |
| Solyc12g040760.1.1 | -7.17364 | -2.35389 | 0.000128 | 0.001119 | 0 | 0 | 0 | 17 | 13 | 8 |
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| Solyc06g075100.2.1 | -7.15512 | 5.809542 | 3.81E-11 | 1.76E-09 | 97 | 30 | 1 | 3929 | 6112 | 2810 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|------|-----|--------|--------|-------|
| Solyc10g076190.1.1 | -7.1493 | 1.193628 | 2.54E-10 | 9.93E-09 | 5 | 0 | 0 | 57 | 305 | 163 |
| NCRNA_11_202 | -7.12675 | -2.36638 | 0.000291 | 0.002243 | 0 | 0 | 0 | 16 | 21 | 3 |
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| Solyc03g123690.1.1 | -7.09047 | 3.49923 | 9.68E-25 | 2.82E-22 | 15 | 13 | 3 | 1016 | 758 | 656 |
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| Solyc10g078840.1.1 | -7.08959 | -0.35571 | 1.08E-05 | 0.000131 | 0 | 2 | 0 | 139 | 19 | 6 |
| Solyc02g068210.1.1 | -7.07523 | -2.43217 | 0.000201 | 0.001636 | 0 | 0 | 0 | 17 | 13 | 6 |
| Solyc06g083950.1.1 | -7.0718 | -2.44627 | 0.000157 | 0.001324 | 0 | 0 | 0 | 9 | 14 | 12 |
| Solyc01g087280.1.1 | -7.05069 | 4.267887 | 1.27E-15 | 1.19E-13 | 25 | 32 | 0 | 2038 | 1938 | 494 |
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| Solyc11g072870.1.1 | -6.90886 | -2.6108 | 0.00103 | 0.006497 | 0 | 0 | 0 | 3 | 9 | 17 |
| Solyc03g113120.2.1 | -6.89458 | 4.29846 | 4.49E-13 | 2.91E-11 | 43 | 4 | 4 | 973 | 2136 | 1314 |
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| Solyc05g007330.1.1 | -6.8459 | -2.61922 | 0.000345 | 0.002589 | 0 | 0 | 0 | 12 | 13 | 6 |
| Solyc07g056600.1.1 | -6.83972 | 3.690712 | 8.11E-18 | 9.96E-16 | 11 | 39 | 0 | 608 | 1201 | 1003 |
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| Solyc12g043030.1.1 | -6.77356 | 0.758393 | 1.03E-10 | 4.34E-09 | 0 | 4 | 2 | 48 | 289 | 77 |
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| Solyc09g074220.1.1 | -6.703 | -2.73477 | 0.000517 | 0.003619 | 0 | 0 | 0 | 10 | 12 | 6 |
| Solyc04g024780.1.1 | -6.70189 | 5.549358 | 2.16E-35 | 2.13E-32 | 61 | 68 | 41 | 2836 | 4088 | 3275 |
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| Solyc11g018590.1.1 | -6.66957 | -2.7635 | 0.000835 | 0.005447 | 0 | 0 | 0 | 14 | 9 | 4 |
| Solyc05g050880.2.1 | -6.66587 | -1.41429 | 2.42E-05 | 0.000264 | 0 | 1 | 0 | 55 | 18 | 5 |
| Solyc03g098560.1.1 | -6.65931 | -0.73955 | 3.51E-06 | 4.91E-05 | 0 | 2 | 0 | 8 | 97 | 35 |
| Solyc08g005040.1.1 | -6.63737 | -0.76204 | 6.16E-07 | 1.08E-05 | 0 | 2 | 0 | 70 | 30 | 23 |
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| Solyc01g102910.2.1 | -6.6222 | 2.172999 | 3.04E-08 | 7.44E-07 | 0 | 20 | 2 | 33 | 484 | 457 |
| Solyc06g082430.1.1 | -6.61524 | -0.77667 | 3.72E-07 | 6.91E-06 | 0 | 2 | 0 | 19 | 65 | 43 |
| Solyc03g005890.1.1 | -6.60234 | 1.536608 | 5.24E-06 | 6.99E-05 | 7 | 0 | 2 | 10 | 741 | 49 |
| Solyc10g076220.1.1 | -6.5913 | 2.025037 | 1.86E-16 | 1.96E-14 | 3 | 6 | 7 | 151 | 388 | 341 |
| NCRNA_4_197 | -6.58618 | -2.80808 | 0.001372 | 0.006298 | 0 | 0 | 0 | 12 | 13 | 2 |
| Solyc03g031450.2.1 | -6.58332 | 0.637738 | 4.88E-09 | 1.44E-07 | 5 | 0 | 0 | 152 | 89 | 86 |
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| Solyc12g013610.1.1 | -6.57335 | -0.65977 | 1.35E-07 | 2.80E-06 | 0 | 0 | 2 | 45 | 37 | 47 |
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| Solyc05g054650.1.1 | -6.52612 | 5.84724 | 4.80E-11 | 2.17E-09 | 154 | 39 | 6 | 4378 | 4634 | 3515 |
| Solyc08g069170.1.1 | -6.52537 | -0.91002 | 4.75E-05 | 0.000477 | 0 | 2 | 0 | 80 | 5 | 20 |
| Solyc01g105070.2.1 | -6.50033 | 9.535575 | 2.84E-23 | 6.50E-21 | 1021 | 1302 | 803 | 86100 | 37087 | 34272 |
| Solyc12g009370.1.1 | -6.49571 | -2.91352 | 0.001049 | 0.006592 | 0 | 0 | 0 | 9 | 7 | 7 |
| Solyc11g010210.1.1 | -6.48997 | 5.977595 | 7.10E-28 | 3.07E-25 | 102 | 67 | 80 | 3454 | 7183 | 3713 |
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| Solyc02g076910.2.1 | -6.45575 | 2.763033 | 1.28E-05 | 0.000151 | 8 | 26 | 0 | 71 | 1859 | 11 |
| Solyc02g077570.1.1 | -6.45029 | 4.556603 | 2.39E-09 | 7.45E-08 | 68 | 18 | 0 | 977 | 2835 | 1550 |
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| Solyc12g019630.1.1 | -6.42919 | 2.227765 | 1.28E-11 | 6.53E-10 | 14 | 4 | 0 | 438 | 416 | 193 |
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| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|------|------|--------|--------|-------|
| Solyc03g111280.1.1 | -6.3967 | 1.309936 | 1.44E-09 | 4.69E-08 | 9 | 0 | 0 | 210 | 207 | 126 |
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| Solyc07g008110.2.1 | -6.3735 | 6.507859 | 8.71E-30 | 4.54E-27 | 74 | 298 | 104 | 6641 | 9192 | 4689 |
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| Solyc07g005070.1.1 | -6.35792 | 1.289106 | 5.76E-12 | 3.11E-10 | 5 | 1 | 4 | 162 | 350 | 75 |
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| Solyc07g062370.1.1 | -6.3204 | 4.878799 | 0.000108 | 0.000969 | 105 | 0 | 0 | 4637 | 980 | 636 |
| Solyc09g090390.1.1 | -6.31797 | -3.03454 | 0.001655 | 0.009694 | 0 | 0 | 0 | 8 | 8 | 5 |
| Solyc04g079240.2.1 | -6.31526 | 6.021939 | 1.65E-21 | 3.35E-19 | 127 | 152 | 34 | 6181 | 4403 | 3419 |
| Solyc06g072000.1.1 | -6.31083 | 0.806906 | 6.05E-11 | 2.66E-09 | 0 | 2 | 6 | 95 | 205 | 97 |
| Solyc08g066890.2.1 | -6.28258 | 6.199425 | 7.26E-25 | 2.18E-22 | 68 | 91 | 191 | 4571 | 7829 | 4185 |
| Solyc10g084110.1.1 | -6.28207 | 2.082097 | 2.25E-11 | 1.10E-09 | 14 | 4 | 0 | 230 | 453 | 264 |
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| Solyc03g096430.1.1 | -6.22282 | 0.72637 | 1.49E-08 | 3.95E-07 | 0 | 10 | 0 | 73 | 101 | 161 |
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| Solyc04g076730.1.1 | -6.21194 | 6.662418 | 3.29E-07 | 6.17E-06 | 352 | 69 | 2 | 6942 | 10559 | 5371 |
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| Solyc02g085260.1.1 | -6.09193 | 0.706912 | 3.71E-05 | 0.000386 | 7 | 0 | 0 | 150 | 8 | 148 |
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| Solyc11g007460.1.1 | -6.08507 | 1.711658 | 3.19E-12 | 1.80E-10 | 0 | 19 | 3 | 232 | 327 | 173 |
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| Solyc03g096540.2.1 | -5.16441 | 7.090802 | 0.00073 | 0.004871 | 1042 | 42 | 3 | 23069 | 2597 | 2445 |
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| Solyc11g073080.1.1 | -5.11855 | 4.174674 | 1.38E-26 | 5.24E-24 | 56 | 91 | 53 | 1000 | 1895 | 1096 |
| Solyc07g006670.1.1 | -5.11636 | -0.20933 | 4.17E-07 | 7.62E-06 | 0 | 7 | 3 | 46 | 96 | 48 |
| Solyc01g073720.2.1 | -5.11257 | 5.091975 | 7.70E-20 | 1.23E-17 | 157 | 93 | 90 | 2066 | 2547 | 2524 |
| Solyc02g062030.1.1 | -5.10599 | -1.96969 | 0.000233 | 0.001853 | 0 | 0 | 2 | 12 | 33 | 9 |
| Solyc04g078450.2.1 | -5.08588 | 2.79 | 1.22E-17 | 1.46E-15 | 20 | 44 | 17 | 440 | 801 | 327 |
| Solyc01g073670.2.1 | -5.08345 | 2.769954 | 2.04E-12 | 1.19E-10 | 37 | 14 | 16 | 650 | 445 | 346 |
| Solyc01g108360.2.1 | -5.07971 | 3.239522 | 6.03E-12 | 3.24E-10 | 10 | 107 | 14 | 933 | 800 | 348 |
| Solyc11g007970.1.1 | -5.07667 | 1.509521 | 5.47E-06 | 7.26E-05 | 0 | 40 | 2 | 75 | 413 | 171 |
| Solyc10g076510.1.1 | -5.07643 | 10.05887 | 4.08E-12 | 2.25E-10 | 6387 | 2900 | 1208 | 80585 | 102772 | 52532 |
| Solyc09g007910.2.1 | -5.07401 | 10.11887 | 2.18E-18 | 2.79E-16 | 3000 | 7634 | 2876 | 118094 | 77722 | 44009 |
| Solyc03g097840.2.1 | -5.07331 | 9.282612 | 4.11E-21 | 8.12E-19 | 2368 | 3104 | 1508 | 39229 | 64828 | 34246 |
| Solyc01g099660.2.1 | -5.06897 | 6.269428 | 3.61E-10 | 1.35E-08 | 456 | 107 | 165 | 8898 | 6798 | 1661 |
| Solyc11g007470.1.1 | -5.05347 | 3.993948 | 1.65E-20 | 2.91E-18 | 42 | 92 | 55 | 547 | 2037 | 1025 |
| Solyc05g055270.1.1 | -5.05055 | 1.497594 | 5.10E-07 | 9.15E-06 | 1 | 3 | 26 | 125 | 291 | 197 |
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| NCRNA_6_228 | -5.0324 | -0.08674 | 3.67E-06 | 5.11E-05 | 0 | 9 | 3 | 115 | 54 | 29 |
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| Solyc09g014720.1.1 | -5.02957 | 3.38725 | 1.90E-14 | 1.54E-12 | 34 | 92 | 9 | 787 | 841 | 611 |
| Solyc01g106510.2.1 | -5.02701 | 5.885034 | 6.19E-26 | 2.09E-23 | 143 | 369 | 215 | 4047 | 5994 | 3065 |
| Solyc03g116070.1.1 | -5.0263 | -2.23137 | 0.000339 | 0.00255 | 0 | 2 | 0 | 14 | 19 | 9 |
| Solyc01g005800.2.1 | -5.01618 | 3.775345 | 2.28E-08 | 5.79E-07 | 92 | 35 | 11 | 260 | 1105 | 1424 |
| Solyc03g111510.2.1 | -5.01405 | 4.869866 | 3.35E-20 | 5.58E-18 | 146 | 99 | 71 | 1884 | 3368 | 1376 |
| Solyc08g080290.2.1 | -5.00408 | 0.967073 | 3.65E-09 | 1.10E-07 | 4 | 20 | 2 | 152 | 147 | 114 |
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| Solyc02g062320.2.1 | -4.99203 | -0.85021 | 0.000257 | 0.002016 | 0 | 2 | 4 | 57 | 66 | 3 |
| Solyc01g106510.2.1 | -4.99135 | 1.19856 | 7.10E-08 | 1.58E-06 | 11 | 7 | 7 | 142 | 60 | 230 |
| Solyc04g074360.1.1 | -4.99131 | -0.81076 | 8.24E-05 | 0.000767 | 3 | 3 | 0 | 16 | 111 | 12 |
| Solyc07g065160.2.1 | -4.98897 | 2.676243 | 1.49E-15 | 1.39E-13 | 20 | 47 | 14 | 554 | 621 | 249 |
| Solyc07g008690.2.1 | -4.98574 | 4.736118 | 1.02E-24 | 2.95E-22 | 98 | 155 | 71 | 1443 | 2302 | 1920 |
| Solyc05g005090.2.1 | -4.97464 | -1.50911 | 0.000372 | 0.002752 | 0 | 3 | 1 | 48 | 20 | 4 |
| Solyc03g058890.2.1 | -4.97306 | 2.408267 | 1.66E-14 | 1.35E-12 | 21 | 36 | 9 | 380 | 511 | 274 |
| Solyc10g045100.1.1 | -4.97234 | -0.81906 | 6.75E-05 | 0.000645 | 0 | 5 | 2 | 69 | 47 | 7 |
| Solyc04g007620.1.1 | -4.97183 | 2.678558 | 3.03E-17 | 3.48E-15 | 18 | 43 | 20 | 406 | 690 | 331 |
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| Solyc06g050540.1.1 | -4.9359 | -1.54974 | 9.48E-05 | 0.000863 | 0 | 3 | 1 | 11 | 26 | 30 |
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| Solyc09g011520.2.1 | -4.92314 | 5.115381 | 4.06E-06 | 5.58E-05 | 286 | 60 | 3 | 1862 | 3585 | 2160 |
| Solyc08g068630.2.1 | -4.9227 | -0.54036 | 1.34E-06 | 2.14E-05 | 1 | 3 | 4 | 45 | 87 | 23 |
| Solyc11g010860.1.1 | -4.91834 | 0.371363 | 0.00037 | 0.002742 | 12 | 0 | 0 | 17 | 235 | 60 |
| Solyc09g089910.1.1 | -4.91006 | 5.852703 | 2.21E-24 | 6.00E-22 | 199 | 390 | 169 | 4207 | 5281 | 3105 |
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| Solyc09g075870.1.1 | -4.90017 | 2.809779 | 3.09E-09 | 9.44E-08 | 30 | 57 | 7 | 973 | 327 | 179 |
| Solyc12g062940.1.1 | -4.89715 | 3.654546 | 1.57E-12 | 9.29E-11 | 86 | 28 | 23 | 758 | 1186 | 782 |
| Solyc08g036660.2.1 | -4.87545 | 4.331288 | 1.17E-18 | 1.59E-16 | 82 | 57 | 100 | 1481 | 1294 | 1380 |
| Solyc03g094020.2.1 | -4.86914 | 1.141645 | 4.78E-08 | 1.11E-06 | 12 | 1 | 11 | 134 | 230 | 120 |
| Solyc08g007790.2.1 | -4.86889 | 9.578479 | 2.18E-18 | 2.79E-16 | 2629 | 4028 | 3217 | 79421 | 52402 | 31749 |
| Solyc03g115610.2.1 | -4.86277 | 7.470911 | 8.01E-12 | 4.22E-10 | 1181 | 707 | 193 | 11677 | 18204 | 9362 |
| Solyc02g094180.2.1 | -4.85353 | 2.439526 | 1.69E-11 | 8.45E-10 | 26 | 35 | 10 | 160 | 639 | 396 |
| Solyc06g072880.1.1 | -4.84857 | -2.95866 | 0.001585 | 0.009356 | 0 | 1 | 0 | 4 | 10 | 8 |
| Solyc10g055740.1.1 | -4.848 | 3.627345 | 4.93E-19 | 7.13E-17 | 32 | 96 | 46 | 501 | 1409 | 822 |
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| Solyc12g008960.1.1 | -4.84142 | 7.988749 | 3.22E-20 | 5.40E-18 | 752 | 2189 | 732 | 15549 | 26928 | 13840 |
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| Solyc09g056290.1.1 | -4.77204 | -2.43714 | 0.000873 | 0.00566 | 0 | 2 | 0 | 10 | 19 | 7 |
| Solyc09g011540.2.1 | -4.77126 | 3.919892 | 2.05E-06 | 3.08E-05 | 137 | 25 | 6 | 1386 | 483 | 1093 |
| Solyc03g025490.2.1 | -4.7681 | -2.04562 | 0.000452 | 0.003251 | 0 | 3 | 0 | 16 | 30 | 5 |
| Solyc09g091000.2.1 | -4.75454 | 5.727216 | 1.50E-07 | 3.05E-06 | 249 | 554 | 14 | 6373 | 2267 | 2254 |
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| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|------|--------|--------|--------|
| Solyc08g068390.2.1 | -4.74426 | 9.584049 | 1.82E-19 | 2.78E-17 | 2034 | 6723 | 3062 | 61850 | 64524 | 39158 |
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| Solyc04g005050.1.1 | -4.682 | 8.752775 | 1.11E-16 | 1.20E-14 | 1965 | 3814 | 915 | 28615 | 41317 | 23977 |
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| Solyc10g076680.1.1 | -4.67951 | 3.395776 | 1.35E-05 | 0.000159 | 107 | 5 | 6 | 974 | 1004 | 359 |
| Solyc09g008740.1.1 | -4.66666 | 4.192401 | 9.80E-22 | 2.02E-19 | 49 | 142 | 95 | 1549 | 1740 | 745 |
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| Solyc02g069540.1.1 | -4.62659 | 0.603555 | 8.43E-07 | 1.42E-05 | 0 | 14 | 11 | 119 | 99 | 94 |
| Solyc03g119370.1.1 | -4.62556 | 4.978385 | 6.87E-07 | 1.18E-05 | 299 | 95 | 8 | 2507 | 2839 | 1507 |
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| Solyc01g059960.1.1 | -4.61677 | -0.42189 | 0.000146 | 0.001243 | 6 | 0 | 3 | 102 | 37 | 15 |
| Solyc04g074830.1.1 | -4.61674 | 4.333055 | 1.70E-18 | 2.25E-16 | 62 | 237 | 52 | 1126 | 2078 | 1199 |
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| Solyc05g005070.2.1 | -4.59071 | 6.703043 | 9.50E-18 | 1.15E-15 | 561 | 812 | 271 | 7723 | 9213 | 5529 |
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| Solyc10g079900.1.1 | -4.58319 | -1.91557 | 0.000632 | 0.004308 | 0 | 4 | 0 | 21 | 25 | 8 |
| Solyc10g008170.2.1 | -4.58291 | -0.24078 | 0.00076 | 0.00504 | 9 | 0 | 1 | 127 | 32 | 14 |
| Solyc02g077350.1.1 | -4.57893 | -0.07182 | 3.98E-06 | 5.48E-05 | 0 | 10 | 6 | 74 | 100 | 35 |
| Solyc08g062810.1.1 | -4.57443 | 0.794501 | 1.29E-07 | 2.69E-06 | 3 | 13 | 12 | 49 | 252 | 96 |
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| Solyc02g068220.1.1 | -4.5714 | -0.31311 | 2.98E-05 | 0.000318 | 0 | 3 | 9 | 45 | 69 | 53 |
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| Solyc04g008250.1.1 | -4.52952 | 1.047484 | 3.44E-05 | 0.000362 | 8 | 8 | 15 | 37 | 493 | 18 |
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| Solyc02g082950.2.1 | -4.51011 | 6.297331 | 1.16E-20 | 2.11E-18 | 372 | 661 | 299 | 5900 | 7192 | 3949 |
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| Solyc05g053600.2.1 | -4.49711 | 10.07618 | 1.73E-16 | 1.84E-14 | 4733 | 10667 | 3699 | 100322 | 87628 | 44843 |
| Solyc11g007980.1.1 | -4.49674 | 5.532517 | 4.59E-07 | 8.29E-06 | 48 | 917 | 56 | 979 | 5538 | 3596 |
| Solyc08g013960.1.1 | -4.49331 | 2.744194 | 7.09E-13 | 4.41E-11 | 46 | 38 | 21 | 470 | 742 | 284 |
| Solyc02g062550.2.1 | -4.49329 | 5.979174 | 1.11E-13 | 7.84E-12 | 458 | 432 | 116 | 3532 | 6140 | 3924 |
| Solyc08g029900.2.1 | -4.49268 | 12.31868 | 2.30E-06 | 3.40E-05 | 54231 | 12472 | 2464 | 466367 | 360435 | 250270 |
| Solyc02g062870.2.1 | -4.4883 | 0.087194 | 0.000659 | 0.004462 | 0 | 23 | 0 | 138 | 54 | 28 |
| Solyc01g073660.2.1 | -4.48792 | 8.794417 | 7.28E-17 | 8.12E-15 | 2514 | 3320 | 1539 | 38685 | 36678 | 20151 |
| Solyc03g094120.2.1 | -4.48546 | 4.323907 | 2.43E-11 | 1.18E-09 | 113 | 198 | 39 | 434 | 3051 | 1165 |
| Solyc05g055030.1.1 | -4.48516 | 3.273483 | 1.08E-08 | 2.98E-07 | 93 | 18 | 22 | 803 | 667 | 544 |
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| Solyc09g065560.2.1 | -4.46772 | 8.503376 | 3.62E-16 | 3.61E-14 | 2237 | 2250 | 1402 | 32541 | 28852 | 16332 |
| Solyc12g011100.1.1 | -4.46689 | 1.845256 | 1.65E-08 | 4.33E-07 | 2 | 52 | 18 | 212 | 326 | 226 |
| Solyc02g069060.2.1 | -4.46525 | 3.720747 | 1.28E-19 | 2.01E-17 | 43 | 117 | 75 | 798 | 1524 | 628 |
| Solyc12g009160.1.1 | -4.45722 | 3.943389 | 1.02E-18 | 1.40E-16 | 78 | 117 | 68 | 1463 | 1107 | 688 |
| Solyc03g113580.1.1 | -4.4566 | -1.1825 | 0.000122 | 0.001068 | 0 | 7 | 1 | 20 | 57 | 19 |
| Solyc02g069300.1.1 | -4.4459 | -0.67825 | 0.000491 | 0.003472 | 0 | 13 | 0 | 21 | 68 | 43 |
| Solyc12g013640.1.1 | -4.44147 | 0.724669 | 1.39E-05 | 0.000163 | 17 | 2 | 4 | 175 | 82 | 78 |
| Solyc05g055730.2.1 | -4.4399 | 4.296709 | 2.15E-18 | 2.77E-16 | 125 | 95 | 95 | 1545 | 1767 | 937 |
| Solyc01g099210.2.1 | -4.43345 | -1.45084 | 0.000468 | 0.003341 | 0 | 7 | 0 | 17 | 25 | 29 |
| Solyc10g008730.2.1 | -4.42471 | 5.455714 | 2.14E-20 | 3.72E-18 | 248 | 388 | 143 | 3235 | 4166 | 2142 |
| Solyc07g053270.2.1 | -4.42382 | 7.700828 | 8.40E-16 | 7.95E-14 | 1304 | 1601 | 674 | 15032 | 23443 | 8278 |
| Solyc10g079690.1.1 | -4.41345 | 1.090235 | 1.72E-08 | 4.49E-07 | 13 | 18 | 6 | 97 | 295 | 95 |
| Solyc12g017700.1.1 | -4.41002 | 2.629744 | 4.51E-09 | 1.34E-07 | 56 | 20 | 18 | 595 | 337 | 331 |
| Solyc02g088160.2.1 | -4.40981 | 3.149071 | 1.67E-10 | 6.71E-09 | 17 | 94 | 60 | 1066 | 651 | 205 |
| Solyc02g089920.1.1 | -4.40609 | 0.88017 | 1.15E-08 | 3.13E-07 | 11 | 15 | 6 | 119 | 133 | 125 |
| Solyc11g066800.1.1 | -4.398 | 6.190066 | 5.52E-20 | 9.03E-18 | 385 | 522 | 372 | 3955 | 7917 | 4147 |
| Solyc08g074970.1.1 | -4.39625 | 6.243377 | 5.73E-17 | 6.43E-15 | 501 | 579 | 238 | 5263 | 7649 | 3686 |
| Solyc03g005480.2.1 | -4.39588 | 3.68691 | 2.05E-08 | 5.25E-07 | 131 | 52 | 14 | 978 | 729 | 887 |
| Solyc11g007480.1.1 | -4.39435 | 1.23799 | 1.28E-09 | 4.20E-08 | 11 | 16 | 14 | 106 | 250 | 152 |
| Solyc02g092820.2.1 | -4.38956 | 5.231718 | 9.74E-11 | 4.15E-09 | 304 | 220 | 95 | 831 | 5667 | 2190 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|------|--------|-------|-------|
| Solyc10g024490.1.1 | -4.38376 | 2.047644 | 2.16E-06 | 3.22E-05 | 43 | 3 | 13 | 218 | 308 | 318 |
| Solyc06g066590.2.1 | -4.38363 | 6.092389 | 6.80E-07 | 1.17E-05 | 729 | 285 | 30 | 4860 | 6184 | 3625 |
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| Solyc01g095860.2.1 | -4.36389 | 0.219994 | 2.50E-06 | 3.65E-05 | 3 | 19 | 2 | 109 | 73 | 57 |
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| Solyc01g010420.2.1 | -4.35079 | -1.7535 | 0.000896 | 0.005782 | 3 | 0 | 1 | 22 | 22 | 14 |
| Solyc01g111570.2.1 | -4.33802 | 6.368102 | 4.38E-18 | 5.48E-16 | 457 | 538 | 482 | 7277 | 6839 | 3609 |
| Solyc05g008360.1.1 | -4.33743 | 0.001872 | 1.24E-05 | 0.000147 | 0 | 12 | 8 | 82 | 53 | 64 |
| Solyc02g078530.2.1 | -4.33675 | 4.935237 | 1.88E-18 | 2.47E-16 | 200 | 282 | 88 | 1921 | 2957 | 1720 |
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| Solyc01g090890.2.1 | -4.31865 | 0.649885 | 0.000451 | 0.003244 | 11 | 7 | 8 | 22 | 390 | 6 |
| Solyc07g063710.1.1 | -4.31386 | 4.454116 | 1.28E-07 | 2.66E-06 | 6 | 323 | 160 | 921 | 2435 | 1417 |
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| Solyc09g011980.1.1 | -4.30962 | 0.452082 | 6.81E-07 | 1.18E-05 | 9 | 15 | 2 | 70 | 167 | 66 |
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| Solyc06g061170.2.1 | -4.2549 | 7.195272 | 6.47E-14 | 4.73E-12 | 1042 | 1145 | 586 | 14965 | 9188 | 6370 |
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| Solyc07g008810.1.1 | -4.24404 | 1.288253 | 0.000109 | 0.000971 | 1 | 59 | 3 | 51 | 378 | 134 |
| Solyc03g005510.1.1 | -4.24336 | -0.12142 | 0.000956 | 0.006103 | 11 | 4 | 0 | 9 | 147 | 53 |
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| Solyc04g072920.2.1 | -4.18421 | 4.705289 | 2.71E-16 | 2.75E-14 | 128 | 370 | 90 | 1268 | 3281 | 1306 |
| Solyc11g063530.1.1 | -4.18283 | -1.32489 | 0.001174 | 0.007269 | 0 | 1 | 6 | 13 | 52 | 20 |
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| Solyc06g076320.1.1 | -4.17695 | 2.533386 | 6.88E-07 | 1.19E-05 | 64 | 35 | 7 | 637 | 460 | 152 |
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| Solyc10g079810.1.1 | -4.1468 | 5.411528 | 1.04E-16 | 1.13E-14 | 352 | 313 | 178 | 3220 | 3911 | 2019 |
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| Solyc04g008100.1.1 | -4.12093 | 7.231857 | 2.93E-06 | 4.19E-05 | 1833 | 902 | 73 | 8775 | 17570 | 7058 |
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| Solyc02g070910.1.1 | -4.10739 | 5.04219 | 4.35E-19 | 6.35E-17 | 132 | 463 | 185 | 1665 | 3430 | 1997 |
| Solyc11g008840.1.1 | -4.10721 | -1.55667 | 0.000372 | 0.002752 | 2 | 5 | 0 | 29 | 21 | 16 |

| | | | | | | | | | | |
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| Solyc03g082530.1.1 | -4.1003 | 5.485005 | 1.75E-11 | 8.68E-10 | 446 | 379 | 88 | 3193 | 3993 | 2342 |
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| Solyc08g022240.1.1 | -4.06638 | 1.668915 | 6.90E-09 | 1.98E-07 | 28 | 27 | 12 | 274 | 278 | 127 |
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| Solyc01g080570.2.1 | -4.06175 | 7.446584 | 8.94E-07 | 1.50E-05 | 2376 | 468 | 279 | 12407 | 16378 | 8636 |
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| Solyc06g035710.1.1 | -4.04927 | -1.51062 | 0.000813 | 0.00533 | 3 | 4 | 0 | 14 | 48 | 13 |
| Solyc12g056600.2.1 | -4.04829 | 7.322317 | 2.04E-07 | 4.05E-06 | 2058 | 349 | 487 | 9724 | 18492 | 7256 |
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| Solyc01g107390.2.1 | -4.04009 | 6.45696 | 9.36E-07 | 1.56E-05 | 1171 | 350 | 125 | 9482 | 5916 | 3051 |
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| Solyc04g055000.2.1 | -4.0208 | 1.195883 | 1.39E-05 | 0.000163 | 0 | 33 | 25 | 132 | 258 | 110 |
| NCRNA_12_259 | -4.01332 | 0.104612 | 3.02E-06 | 4.30E-05 | 9 | 12 | 3 | 80 | 82 | 58 |
| NCRNA_12_273 | -4.01332 | 0.104612 | 3.02E-06 | 4.30E-05 | 9 | 12 | 3 | 80 | 82 | 58 |
| Solyc02g062670.2.1 | -4.01132 | 5.97847 | 2.42E-11 | 1.17E-09 | 661 | 482 | 190 | 5622 | 4664 | 2899 |
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| Solyc03g119970.2.1 | -4.00061 | 8.795504 | 7.95E-12 | 4.20E-10 | 4309 | 3019 | 2073 | 20790 | 56157 | 22284 |
| Solyc01g097390.2.1 | -3.9983 | 3.276217 | 7.13E-11 | 3.10E-09 | 97 | 74 | 37 | 392 | 1069 | 622 |
| Solyc09g014460.1.1 | -3.99716 | -0.41258 | 0.000113 | 0.001004 | 0 | 16 | 4 | 62 | 60 | 33 |
| Solyc06g036420.1.1 | -3.98471 | 2.210702 | 3.31E-10 | 1.26E-08 | 38 | 47 | 21 | 258 | 354 | 329 |
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| Solyc06g073760.2.1 | -3.97008 | 5.055541 | 5.81E-16 | 5.65E-14 | 231 | 464 | 130 | 1511 | 3755 | 1954 |
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| Solyc05g050350.1.1 | -3.95124 | 6.996689 | 1.39E-09 | 4.55E-08 | 1333 | 1344 | 263 | 11979 | 9601 | 5253 |
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| Solyc04g077180.1.1 | -3.93213 | 3.74936 | 2.82E-13 | 1.89E-11 | 43 | 229 | 94 | 621 | 1202 | 961 |
| Solyc03g080190.2.1 | -3.92899 | 8.533189 | 5.48E-13 | 3.49E-11 | 3398 | 3934 | 1439 | 23515 | 35827 | 19724 |
| Solyc02g079150.1.1 | -3.92213 | 0.543021 | 2.78E-07 | 5.32E-06 | 9 | 19 | 8 | 95 | 153 | 65 |
| Solyc01g008690.2.1 | -3.91719 | 3.791879 | 1.11E-07 | 2.34E-06 | 195 | 51 | 34 | 1143 | 1187 | 606 |
| Solyc12g010410.1.1 | -3.91693 | 4.050502 | 2.49E-16 | 2.57E-14 | 93 | 257 | 87 | 834 | 1792 | 946 |
| Solyc09g011350.1.1 | -3.91613 | -1.25334 | 0.001126 | 0.007018 | 4 | 0 | 4 | 45 | 26 | 12 |
| Solyc07g018200.1.1 | -3.91381 | 5.795508 | 3.19E-10 | 1.22E-08 | 636 | 393 | 197 | 5656 | 3676 | 2194 |
| Solyc08g021870.1.1 | -3.90025 | 2.21147 | 3.91E-10 | 1.45E-08 | 17 | 74 | 34 | 338 | 323 | 280 |
| Solyc04g073950.1.1 | -3.89984 | 6.275788 | 4.14E-14 | 3.14E-12 | 729 | 607 | 449 | 6063 | 6287 | 3872 |
| Solyc01g109120.2.1 | -3.89082 | 6.477488 | 4.43E-11 | 2.02E-09 | 354 | 1991 | 302 | 5539 | 8667 | 4786 |
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| Solyc07g062490.1.1 | -3.87793 | 9.61753 | 1.56E-08 | 4.14E-07 | 9699 | 3631 | 3542 | 78943 | 42294 | 37338 |
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| Solyc11g008600.1.1 | -3.87708 | 3.292616 | 2.45E-13 | 1.66E-11 | 46 | 159 | 63 | 469 | 976 | 624 |
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| Solyc10g005300.2.1 | -3.87437 | 0.127159 | 5.93E-05 | 0.00058 | 9 | 17 | 2 | 130 | 66 | 28 |
| Solyc03g098100.2.1 | -3.87076 | 8.726665 | 3.92E-08 | 9.32E-07 | 5727 | 2197 | 1188 | 23069 | 52072 | 19074 |
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| Solyc02g087450.2.1 | -3.85986 | 1.294246 | 8.70E-08 | 1.89E-06 | 8 | 23 | 31 | 178 | 215 | 121 |
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| Solyc10g080010.1.1 | -3.85725 | 7.457132 | 3.66E-13 | 2.40E-11 | 1514 | 2318 | 700 | 11696 | 16473 | 9125 |
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| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|--------|--------|--------|
| Solyc05g053150.1.1 | -3.83539 | 5.546277 | 9.50E-07 | 1.58E-05 | 699 | 178 | 114 | 1416 | 6749 | 2426 |
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| Solyc02g079540.1.1 | -3.82322 | 4.426455 | 1.35E-14 | 1.10E-12 | 174 | 318 | 88 | 1779 | 1861 | 915 |
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| Solyc05g007110.2.1 | -3.80874 | 2.802045 | 3.63E-05 | 0.000379 | 114 | 33 | 4 | 546 | 562 | 343 |
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| Solyc11g044840.1.1 | -3.70898 | 5.782116 | 6.84E-08 | 1.53E-06 | 108 | 1314 | 424 | 1571 | 8599 | 2508 |
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| Solyc04g057830.1.1 | -3.70224 | 3.616263 | 1.53E-12 | 9.09E-11 | 103 | 204 | 54 | 974 | 1105 | 517 |
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| Solyc08g005790.2.1 | -3.69705 | 1.203457 | 2.30E-06 | 3.40E-05 | 5 | 56 | 15 | 199 | 188 | 93 |
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| Solyc02g079750.2.1 | -3.6876 | 8.971787 | 1.02E-10 | 4.30E-09 | 5994 | 4581 | 2575 | 40624 | 34703 | 26718 |
| Solyc03g044210.2.1 | -3.68609 | -0.17802 | 0.000471 | 0.003355 | 13 | 1 | 6 | 38 | 72 | 65 |
| Solyc10g055420.1.1 | -3.68443 | 1.480372 | 4.58E-05 | 0.000463 | 47 | 8 | 9 | 239 | 168 | 149 |
| Solyc01g068630.2.1 | -3.6843 | 3.514628 | 5.92E-08 | 1.35E-06 | 142 | 102 | 54 | 1428 | 596 | 307 |
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| Solyc09g007930.2.1 | -3.64956 | 2.262518 | 8.14E-05 | 0.000759 | 76 | 30 | 13 | 117 | 968 | 101 |
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| Solyc02g079460.1.1 | -3.64358 | 1.881757 | 1.45E-06 | 2.29E-05 | 53 | 36 | 9 | 290 | 293 | 176 |
| Solyc02g093250.2.1 | -3.63791 | 5.806885 | 1.74E-11 | 8.65E-10 | 454 | 1092 | 228 | 5051 | 3788 | 2577 |
| Solyc02g083370.1.1 | -3.63657 | 1.710499 | 2.88E-08 | 7.07E-07 | 31 | 47 | 18 | 153 | 321 | 206 |
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| Solyc11g007950.1.1 | -3.62511 | 0.920154 | 0.000248 | 0.001955 | 0 | 50 | 17 | 177 | 152 | 65 |
| Solyc03g005980.2.1 | -3.6231 | 5.307821 | 1.83E-13 | 1.26E-11 | 283 | 807 | 196 | 2978 | 4134 | 1462 |
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| Solyc03g098660.2.1 | -3.61363 | 5.733804 | 1.05E-10 | 4.37E-09 | 444 | 1089 | 191 | 2371 | 4521 | 3886 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|------|--------|-------|-------|
| Solyc07g065090.1.1 | -3.60746 | 7.427848 | 2.32E-12 | 1.34E-10 | 1770 | 1898 | 1263 | 14989 | 12799 | 7669 |
| Solyc07g005110.2.1 | -3.60665 | 2.879779 | 4.72E-08 | 1.10E-06 | 57 | 173 | 17 | 570 | 652 | 322 |
| Solyc10g054010.1.1 | -3.60435 | 4.381945 | 6.39E-15 | 5.45E-13 | 102 | 311 | 240 | 1038 | 2002 | 1297 |
| Solyc11g066150.1.1 | -3.59652 | 5.348153 | 2.83E-16 | 2.86E-14 | 386 | 512 | 307 | 2435 | 4572 | 1819 |
| Solyc05g052660.1.1 | -3.594 | 2.44338 | 2.54E-08 | 6.36E-07 | 23 | 115 | 45 | 565 | 321 | 213 |
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| Solyc11g069640.1.1 | -3.5547 | 2.355763 | 2.95E-07 | 5.61E-06 | 48 | 19 | 72 | 292 | 490 | 284 |
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| Solyc10g074800.1.1 | -3.54256 | 0.506287 | 4.65E-05 | 0.000469 | 17 | 21 | 5 | 156 | 73 | 52 |
| Solyc10g084170.1.1 | -3.5387 | 4.622641 | 2.34E-09 | 7.30E-08 | 287 | 418 | 75 | 2448 | 1503 | 1023 |
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| Solyc06g008100.2.1 | -3.53123 | 4.050466 | 1.07E-07 | 2.28E-06 | 266 | 151 | 46 | 1557 | 1124 | 693 |
| Solyc01g107770.1.1 | -3.53092 | 2.099796 | 2.13E-07 | 4.20E-06 | 32 | 100 | 17 | 168 | 403 | 304 |
| Solyc01g007050.1.1 | -3.51866 | 3.434632 | 9.10E-08 | 1.97E-06 | 144 | 173 | 21 | 670 | 1070 | 537 |
| Solyc01g106410.1.1 | -3.51737 | 2.79523 | 2.14E-10 | 8.44E-09 | 34 | 117 | 81 | 347 | 690 | 410 |
| Solyc07g006100.2.1 | -3.51643 | 2.511161 | 7.99E-09 | 2.27E-07 | 61 | 52 | 55 | 512 | 486 | 197 |
| Solyc01g089990.1.1 | -3.51079 | 0.553641 | 7.48E-06 | 9.52E-05 | 15 | 19 | 11 | 131 | 71 | 81 |
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| Solyc06g062340.2.1 | -3.50035 | 3.794643 | 5.70E-13 | 3.62E-11 | 98 | 280 | 101 | 962 | 893 | 884 |
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| Solyc02g071970.1.1 | -3.48225 | 5.164712 | 7.52E-10 | 2.63E-08 | 104 | 1008 | 279 | 1905 | 4002 | 1776 |
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| Solyc08g068720.1.1 | -3.47881 | 2.011766 | 5.11E-05 | 0.000509 | 73 | 21 | 15 | 468 | 199 | 135 |
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| Solyc07g007590.1.1 | -3.47388 | 6.61589 | 6.86E-13 | 4.29E-11 | 870 | 1752 | 699 | 7145 | 10159 | 3729 |
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| Solyc08g082900.2.1 | -3.4732 | 5.421194 | 2.46E-12 | 1.41E-10 | 439 | 824 | 195 | 3263 | 3781 | 1892 |
| Solyc05g007930.2.1 | -3.47083 | 5.267201 | 3.22E-15 | 2.88E-13 | 220 | 599 | 483 | 2282 | 4230 | 1748 |
| Solyc02g092880.2.1 | -3.47054 | 2.929924 | 1.27E-07 | 2.64E-06 | 122 | 70 | 30 | 508 | 561 | 457 |
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| Solyc03g098090.1.1 | -3.40077 | 2.560017 | 7.39E-06 | 9.41E-05 | 35 | 95 | 77 | 103 | 1149 | 170 |
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| Solyc03g117990.1.1 | -3.37463 | 1.138763 | 5.75E-06 | 7.59E-05 | 8 | 39 | 33 | 208 | 147 | 87 |
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| Solyc05g025680.1.1 | -3.35556 | 2.429175 | 9.60E-06 | 0.000118 | 76 | 41 | 51 | 631 | 143 | 242 |
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| Solyc08g068700.1.1 | -3.31081 | 7.950516 | 3.67E-06 | 5.11E-05 | 4408 | 2725 | 893 | 28592 | 11286 | 8711 |
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| Solyc05g044490.2.1 | -3.30072 | 4.449985 | 5.19E-10 | 1.87E-08 | 337 | 188 | 183 | 1002 | 2149 | 1339 |
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| Solyc10g009140.2.1 | -3.29103 | 0.517394 | 8.92E-05 | 0.00082 | 10 | 13 | 26 | 42 | 129 | 111 |
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| Solyc12g014500.1.1 | -3.2503 | -0.46098 | 0.000451 | 0.003243 | 1 | 17 | 11 | 47 | 56 | 39 |
| Solyc03g025870.2.1 | -3.24867 | -0.11802 | 0.000679 | 0.004576 | 16 | 11 | 4 | 96 | 41 | 38 |
| Solyc05g056400.2.1 | -3.24707 | 2.22826 | 0.000687 | 0.004624 | 84 | 38 | 31 | 711 | 52 | 115 |
| Solyc02g078370.1.1 | -3.24352 | 0.113811 | 0.000243 | 0.001923 | 17 | 19 | 3 | 86 | 72 | 53 |
| Solyc04g040180.2.1 | -3.23875 | 10.29216 | 1.46E-09 | 4.75E-08 | 18761 | 16817 | 8954 | 92500 | 102237 | 59905 |
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| Solyc10g081320.1.1 | -3.2161 | -0.2707 | 0.000442 | 0.003185 | 2 | 20 | 12 | 70 | 41 | 45 |
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| Solyc06g036290.2.1 | -3.20073 | 3.513673 | 1.15E-06 | 1.87E-05 | 156 | 144 | 115 | 1498 | 477 | 267 |
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| Solyc12g014010.1.1 | -3.17488 | 7.120043 | 2.08E-05 | 0.000231 | 3105 | 1149 | 375 | 11781 | 8299 | 7073 |
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| Solyc05g008820.2.1 | -3.17176 | 5.173304 | 4.79E-14 | 3.61E-12 | 359 | 811 | 325 | 2023 | 3273 | 2025 |
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| Solyc01g104740.2.1 | -3.16268 | 5.388804 | 9.67E-05 | 0.000878 | 998 | 228 | 122 | 1062 | 3460 | 3592 |
| Solyc02g093040.2.1 | -3.16227 | 2.249948 | 5.19E-05 | 0.000516 | 73 | 41 | 54 | 610 | 133 | 157 |
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| | | | | | | | | | | |
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| Solyc09g011330.1.1 | -3.15547 | 6.049518 | 9.61E-08 | 2.06E-06 | 1166 | 1027 | 289 | 5602 | 4108 | 3268 |
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| Solyc02g091070.2.1 | -3.14379 | 5.61756 | 8.12E-05 | 0.000758 | 1221 | 165 | 165 | 3475 | 3854 | 2499 |
| Solyc06g069040.2.1 | -3.14217 | 4.752475 | 1.16E-09 | 3.87E-08 | 179 | 844 | 218 | 2385 | 1502 | 1338 |
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| Solyc11g008200.1.1 | -3.13804 | 3.717079 | 2.11E-08 | 5.39E-07 | 149 | 355 | 67 | 1224 | 949 | 476 |
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| Solyc02g072400.1.1 | -3.1367 | 1.941643 | 1.49E-05 | 0.000173 | 35 | 87 | 40 | 484 | 187 | 86 |
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| Solyc02g092580.2.1 | -2.8313 | 10.21673 | 8.69E-06 | 0.000108 | 28086 | 14036 | 8632 | 107786 | 61399 | 55580 |
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| Solyc08g008110.2.1 | -2.80863 | 5.411609 | 1.29E-10 | 5.31E-09 | 642 | 1043 | 439 | 3237 | 3552 | 1692 |
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| Solyc07g045090.2.1 | -2.80116 | 0.286785 | 0.000216 | 0.001732 | 18 | 33 | 10 | 64 | 103 | 68 |
| Solyc07g043510.2.1 | -2.8004 | 5.204338 | 3.31E-10 | 1.26E-08 | 667 | 638 | 421 | 2160 | 3519 | 1729 |
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| Solyc03g025680.2.1 | -2.79565 | 5.427695 | 3.22E-10 | 1.23E-08 | 545 | 1294 | 435 | 1958 | 4631 | 2174 |
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| Solyc06g007180.2.1 | -2.79191 | 7.453388 | 0.001122 | 0.006997 | 4934 | 2105 | 445 | 22780 | 6916 | 3702 |
| Solyc01g058720.2.1 | -2.79142 | 6.415813 | 2.10E-05 | 0.000233 | 2280 | 998 | 389 | 4671 | 7950 | 4384 |
| Solyc08g082790.2.1 | -2.78619 | -0.87745 | 0.001464 | 0.008766 | 6 | 12 | 8 | 29 | 60 | 19 |
| Solyc08g008100.2.1 | -2.78602 | 7.931154 | 1.44E-08 | 3.86E-07 | 3894 | 6047 | 2366 | 18507 | 19887 | 9968 |
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| RRNA_11_11 | -2.78074 | 0.376686 | 0.000384 | 0.002827 | 13 | 29 | 23 | 35 | 114 | 97 |
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| | | | | | | | | | | |
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| Solyc02g088270.2.1 | -2.77871 | 2.857534 | 0.000123 | 0.001079 | 106 | 127 | 116 | 84 | 1223 | 304 |
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| Solyc08g081610.2.1 | -2.77243 | 1.679 | 8.26E-06 | 0.000103 | 58 | 59 | 36 | 194 | 250 | 173 |
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| Solyc08g082510.1.1 | -2.76992 | -0.10874 | 0.00131 | 0.007969 | 10 | 32 | 8 | 66 | 34 | 63 |
| Solyc05g014380.2.1 | -2.76787 | 8.655384 | 1.76E-07 | 3.54E-06 | 8081 | 7582 | 3601 | 29774 | 26718 | 20571 |
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| Solyc06g062420.2.1 | -2.76293 | 3.774663 | 0.000106 | 0.000951 | 186 | 488 | 85 | 1845 | 494 | 254 |
| Solyc10g081430.1.1 | -2.76169 | 1.496352 | 1.00E-05 | 0.000122 | 39 | 72 | 34 | 217 | 234 | 106 |
| Solyc01g090210.2.1 | -2.75938 | 4.129294 | 9.73E-10 | 3.30E-08 | 228 | 497 | 204 | 1384 | 1521 | 604 |
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| Solyc09g059400.2.1 | -2.72085 | -0.03977 | 0.001003 | 0.006356 | 5 | 37 | 14 | 60 | 56 | 61 |
| Solyc07g066330.2.1 | -2.71928 | 5.27119 | 2.18E-06 | 3.26E-05 | 349 | 1823 | 223 | 1533 | 4052 | 2153 |
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| Solyc12g010710.1.1 | -2.71838 | 5.69262 | 4.75E-10 | 1.73E-08 | 659 | 1533 | 643 | 4013 | 4039 | 2090 |
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| Solyc04g082810.2.1 | -2.70065 | 1.973437 | 4.51E-05 | 0.000457 | 22 | 156 | 58 | 345 | 235 | 164 |
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| Solyc03g025720.2.1 | -2.69245 | 9.848103 | 0.000895 | 0.005779 | 29645 | 7852 | 2373 | 79440 | 65371 | 34336 |
| Solyc03g007710.2.1 | -2.68614 | 0.821305 | 0.00032 | 0.002433 | 17 | 52 | 29 | 42 | 183 | 119 |
| Solyc01g060020.2.1 | -2.68479 | 12.54448 | 2.19E-06 | 3.26E-05 | 136760 | 107505 | 49335 | 448207 | 360289 | 312904 |
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| Solyc08g079000.2.1 | -2.67598 | 1.72345 | 0.000129 | 0.001121 | 84 | 49 | 24 | 186 | 298 | 162 |
| Solyc03g032090.1.1 | -2.67553 | 5.795799 | 4.12E-08 | 9.71E-07 | 415 | 1433 | 1258 | 2478 | 6146 | 2659 |
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| Solyc12g099790.1.1 | -2.67442 | 3.051145 | 0.000558 | 0.003866 | 163 | 120 | 122 | 1172 | 180 | 167 |
| Solyc02g093230.2.1 | -2.6721 | 5.497458 | 2.83E-07 | 5.40E-06 | 874 | 1142 | 378 | 4257 | 3123 | 1418 |
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| Solyc02g092110.2.1 | -2.66469 | 5.137988 | 1.07E-09 | 3.59E-08 | 552 | 1095 | 331 | 2061 | 2939 | 1833 |
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| | | | | | | | | | | |
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| Solyc10g086410.2.1 | -2.63495 | 7.764861 | 2.56E-07 | 4.96E-06 | 3553 | 5725 | 2727 | 20498 | 13829 | 7423 |
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| Solyc01g066760.2.1 | -2.58457 | 3.7959 | 9.62E-09 | 2.67E-07 | 210 | 286 | 266 | 970 | 885 | 736 |
| Solyc03g044190.2.1 | -2.58299 | 6.796815 | 1.62E-08 | 4.28E-07 | 1743 | 2684 | 1812 | 8307 | 6893 | 5580 |
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| Solyc09g061620.2.1 | -2.58021 | 6.628024 | 5.62E-09 | 1.64E-07 | 1250 | 2790 | 1736 | 4877 | 9761 | 4907 |
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| Solyc02g082910.2.1 | -2.56908 | 6.576065 | 9.89E-07 | 1.63E-05 | 2271 | 1325 | 1258 | 5002 | 8345 | 5094 |
| Solyc08g079230.1.1 | -2.56679 | 1.602315 | 0.000177 | 0.001465 | 43 | 91 | 44 | 220 | 92 | 211 |
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| Solyc02g088090.1.1 | -2.54814 | 7.750172 | 1.54E-07 | 3.12E-06 | 2516 | 8548 | 2670 | 11930 | 20996 | 9659 |
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| Solyc04g011770.2.1 | -2.54578 | 4.077485 | 5.22E-08 | 1.20E-06 | 364 | 342 | 213 | 1205 | 1221 | 780 |
| Solyc11g017390.1.1 | -2.54416 | 0.841498 | 0.000248 | 0.001959 | 24 | 40 | 37 | 87 | 213 | 64 |
| Solyc10g084000.1.1 | -2.54307 | 1.293825 | 0.000831 | 0.005425 | 19 | 135 | 16 | 120 | 274 | 99 |
| Solyc01g091190.2.1 | -2.53994 | 9.644137 | 5.71E-08 | 1.30E-06 | 8599 | 23107 | 16580 | 54177 | 66063 | 34719 |
| Solyc10g017580.2.1 | -2.53944 | 6.232533 | 4.00E-09 | 1.20E-07 | 938 | 2362 | 1275 | 4670 | 6710 | 3312 |
| Solyc03g093130.2.1 | -2.53886 | 2.961599 | 0.000802 | 0.005276 | 103 | 387 | 32 | 259 | 1298 | 173 |
| Solyc04g064870.2.1 | -2.53635 | 7.567166 | 7.98E-05 | 0.000746 | 5684 | 2993 | 1012 | 10435 | 18330 | 8629 |
| Solyc07g054140.2.1 | -2.53601 | 2.308628 | 3.76E-06 | 5.22E-05 | 71 | 104 | 105 | 291 | 427 | 237 |
| Solyc08g076160.2.1 | -2.53366 | 7.589882 | 1.41E-08 | 3.79E-07 | 2780 | 5571 | 3144 | 12022 | 16984 | 8548 |
| Solyc04g054820.2.1 | -2.53251 | 5.063179 | 5.05E-08 | 1.17E-06 | 687 | 786 | 408 | 2853 | 1942 | 1437 |
| Solyc06g048810.2.1 | -2.53094 | 5.962682 | 1.58E-09 | 5.09E-08 | 883 | 1750 | 1077 | 3644 | 5441 | 2997 |
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| Solyc02g070020.1.1 | -2.51339 | 6.609219 | 5.13E-07 | 9.20E-06 | 2181 | 2256 | 1059 | 7408 | 6963 | 4179 |
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| Solyc01g095970.2.1 | -2.50745 | 6.44653 | 1.65E-08 | 4.33E-07 | 1504 | 2235 | 1373 | 5759 | 8032 | 3377 |
| Solyc06g069670.2.1 | -2.50332 | 1.991981 | 0.000178 | 0.001472 | 24 | 140 | 92 | 120 | 360 | 271 |
| Solyc03g082370.1.1 | -2.50257 | 7.071237 | 1.57E-06 | 2.44E-05 | 2485 | 4880 | 1019 | 9005 | 10452 | 6215 |
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| Solyc04g056340.2.1 | -2.49027 | 6.329256 | 1.18E-06 | 1.91E-05 | 1825 | 1871 | 887 | 6824 | 4989 | 3256 |
| Solyc03g112080.1.1 | -2.4871 | 4.235683 | 2.58E-09 | 7.99E-08 | 290 | 514 | 331 | 1240 | 1747 | 717 |
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| Solyc08g005120.2.1 | -2.47784 | 4.648954 | 1.17E-07 | 2.46E-06 | 505 | 645 | 327 | 2048 | 2154 | 729 |
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| | | | | | | | | | | |
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| Solyc06g076080.1.1 | -2.47196 | 3.43915 | 8.10E-06 | 0.000102 | 127 | 538 | 89 | 517 | 1109 | 510 |
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| Solyc04g079820.2.1 | -2.45214 | 3.557442 | 0.000759 | 0.005034 | 420 | 90 | 72 | 770 | 1059 | 463 |
| Solyc02g078170.1.1 | -2.45034 | 5.65839 | 4.50E-08 | 1.05E-06 | 1044 | 1408 | 600 | 3470 | 4039 | 2154 |
| NCRNA_11_155 | -2.44904 | 1.474841 | 0.000204 | 0.00166 | 57 | 69 | 38 | 89 | 261 | 176 |
| Solyc08g014170.1.1 | -2.44815 | 2.387169 | 5.01E-06 | 6.73E-05 | 77 | 170 | 84 | 365 | 390 | 232 |
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| Solyc03g044300.2.1 | -2.38922 | 3.477048 | 1.86E-06 | 2.86E-05 | 211 | 283 | 195 | 1010 | 702 | 371 |
| Solyc06g065910.2.1 | -2.38919 | 1.05614 | 0.000252 | 0.001984 | 34 | 48 | 45 | 149 | 170 | 76 |
| Solyc02g072190.2.1 | -2.38815 | 4.530066 | 5.31E-08 | 1.22E-06 | 218 | 914 | 469 | 1157 | 2012 | 1217 |
| Solyc09g011490.2.1 | -2.38363 | 4.75866 | 6.71E-08 | 1.51E-06 | 452 | 1101 | 292 | 1542 | 2377 | 1261 |
| Solyc01g087560.2.1 | -2.38353 | 8.629028 | 7.79E-06 | 9.84E-05 | 10765 | 7636 | 4545 | 24513 | 33503 | 17615 |
| Solyc07g043550.2.1 | -2.38344 | 5.53742 | 1.00E-05 | 0.000122 | 332 | 2087 | 926 | 1295 | 4539 | 2999 |
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| Solyc03g033680.1.1 | -2.38051 | 0.128546 | 0.001179 | 0.007298 | 16 | 35 | 19 | 49 | 95 | 59 |
| Solyc03g053090.1.1 | -2.38041 | 1.841525 | 7.79E-05 | 0.00073 | 78 | 78 | 59 | 233 | 340 | 125 |
| Solyc08g067410.1.1 | -2.37836 | 6.914821 | 1.22E-07 | 2.55E-06 | 2319 | 3346 | 1949 | 7920 | 10450 | 4852 |
| Solyc01g066720.2.1 | -2.37739 | 7.385119 | 1.17E-07 | 2.46E-06 | 3025 | 5109 | 2637 | 10480 | 13275 | 7817 |
| Solyc06g076820.1.1 | -2.37713 | 4.773397 | 2.53E-09 | 7.86E-08 | 497 | 806 | 447 | 1573 | 2086 | 1441 |
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| Solyc12g098910.1.1 | -2.35645 | 6.451559 | 0.000164 | 0.001378 | 2930 | 1437 | 562 | 6003 | 6428 | 3943 |
| Solyc03g112090.2.1 | -2.35534 | 0.83201 | 0.000538 | 0.003754 | 21 | 58 | 39 | 75 | 191 | 80 |
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| | | | | | | | | | | |
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| Solyc12g010440.1.1 | -2.34173 | 4.838338 | 2.46E-07 | 4.80E-06 | 657 | 842 | 333 | 2124 | 2163 | 1112 |
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| Solyc11g012260.1.1 | -2.33401 | 5.585492 | 7.85E-08 | 1.72E-06 | 908 | 1597 | 696 | 3714 | 3264 | 1954 |
| Solyc06g036260.2.1 | -2.33392 | 6.064735 | 2.32E-05 | 0.000254 | 1844 | 1890 | 469 | 4138 | 6158 | 2641 |
| Solyc10g079860.1.1 | -2.33305 | 7.452327 | 0.000368 | 0.00273 | 1729 | 10667 | 1427 | 4268 | 14122 | 13405 |
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| Solyc02g090330.2.1 | -2.32089 | 2.906055 | 3.83E-05 | 0.000396 | 162 | 182 | 129 | 686 | 320 | 324 |
| Solyc04g015820.1.1 | -2.31976 | 0.72657 | 0.001489 | 0.008889 | 25 | 64 | 25 | 153 | 69 | 69 |
| Solyc04g008110.2.1 | -2.31801 | 1.907554 | 5.39E-05 | 0.000533 | 45 | 135 | 80 | 241 | 332 | 144 |
| Solyc08g082440.2.1 | -2.317 | 7.514865 | 5.81E-07 | 1.02E-05 | 3616 | 5736 | 2788 | 12864 | 14425 | 7292 |
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| Solyc02g087350.1.1 | -2.30444 | 7.048898 | 4.10E-05 | 0.00042 | 1571 | 7390 | 1311 | 5061 | 15553 | 5759 |
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| Solyc09g009840.1.1 | -2.30066 | 6.628533 | 2.51E-07 | 4.88E-06 | 1681 | 3424 | 1700 | 4347 | 9055 | 5320 |
| Solyc02g093990.2.1 | -2.30052 | 1.506082 | 0.000703 | 0.004717 | 76 | 83 | 23 | 201 | 200 | 122 |
| Solyc04g016190.1.1 | -2.2999 | 2.405779 | 0.000651 | 0.004418 | 91 | 257 | 41 | 523 | 217 | 201 |
| Solyc06g051620.2.1 | -2.2991 | 4.600986 | 1.75E-08 | 4.57E-07 | 433 | 812 | 409 | 1617 | 1589 | 1219 |
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| Solyc10g049890.1.1 | -2.2853 | 3.484701 | 4.17E-07 | 7.62E-06 | 149 | 374 | 256 | 569 | 1049 | 519 |
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| Solyc11g068430.1.1 | -2.2837 | 6.69975 | 1.63E-07 | 3.29E-06 | 1431 | 3625 | 2245 | 6456 | 8313 | 4716 |
| Solyc07g056110.2.1 | -2.28106 | 6.141682 | 1.04E-07 | 2.21E-06 | 1265 | 2294 | 1275 | 3638 | 6853 | 3109 |
| Solyc01g087070.2.1 | -2.28036 | 2.888191 | 4.47E-05 | 0.000453 | 85 | 309 | 147 | 209 | 701 | 474 |
| Solyc07g005520.1.1 | -2.27961 | 4.313905 | 1.43E-05 | 0.000166 | 604 | 344 | 246 | 922 | 1932 | 955 |
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| Solyc06g008890.2.1 | -2.27159 | 4.10193 | 1.43E-07 | 2.94E-06 | 257 | 572 | 368 | 1369 | 1139 | 662 |
| Solyc12g096570.1.1 | -2.27095 | 5.380115 | 3.15E-05 | 0.000334 | 197 | 2051 | 1001 | 1956 | 3848 | 2093 |
| Solyc06g076050.2.1 | -2.27031 | 5.145409 | 5.56E-07 | 9.86E-06 | 904 | 921 | 464 | 2479 | 2380 | 1627 |
| Solyc11g015890.1.1 | -2.26751 | 3.55489 | 3.91E-06 | 5.41E-05 | 289 | 344 | 144 | 777 | 992 | 458 |
| Solyc06g075580.2.1 | -2.26619 | 4.567127 | 8.76E-05 | 0.000807 | 664 | 282 | 455 | 2193 | 1024 | 983 |
| Solyc04g064860.1.1 | -2.26572 | 3.280213 | 6.12E-06 | 8.00E-05 | 226 | 316 | 115 | 601 | 795 | 426 |
| Solyc08g079520.2.1 | -2.26546 | 7.050685 | 2.85E-07 | 5.43E-06 | 2433 | 4312 | 2394 | 7159 | 12587 | 5702 |
| Solyc06g050810.2.1 | -2.26377 | 4.842051 | 2.02E-06 | 3.05E-05 | 786 | 714 | 337 | 2045 | 1998 | 1245 |
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| Solyc08g081370.1.1 | -2.26073 | 5.200464 | 1.37E-08 | 3.70E-07 | 491 | 1273 | 847 | 1997 | 3121 | 1781 |
| Solyc08g077550.2.1 | -2.26018 | 3.634076 | 5.26E-07 | 9.40E-06 | 255 | 316 | 248 | 828 | 1037 | 483 |
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| Solyc06g064660.2.1 | -2.25768 | 3.396351 | 8.43E-07 | 1.42E-05 | 157 | 296 | 266 | 606 | 782 | 544 |
| Solyc03g123560.2.1 | -2.25598 | 6.285533 | 1.72E-05 | 0.000196 | 2222 | 1986 | 806 | 4417 | 4951 | 4594 |
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| Solyc12g017480.1.1 | -2.247 | 3.092941 | 4.67E-05 | 0.00047 | 191 | 291 | 107 | 766 | 438 | 328 |
| Solyc07g040890.1.1 | -2.24693 | 4.564546 | 8.63E-05 | 0.000797 | 623 | 901 | 124 | 1763 | 1718 | 918 |
| Solyc02g089110.2.1 | -2.24631 | 5.996912 | 2.29E-07 | 4.49E-06 | 1344 | 1945 | 1067 | 4266 | 5009 | 2668 |
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| Solyc05g012850.2.1 | -2.2437 | 5.010961 | 1.27E-05 | 0.00015 | 375 | 1511 | 579 | 770 | 3926 | 1663 |
| Solyc06g071990.2.1 | -2.24325 | 5.472498 | 8.64E-08 | 1.88E-06 | 606 | 1239 | 1225 | 2172 | 3953 | 2226 |
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| | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|-------|-------|-------|--------|--------|-------|
| Solyc09g098070.2.1 | -2.23355 | 6.596947 | 2.80E-07 | 5.35E-06 | 1883 | 3229 | 1674 | 5981 | 7888 | 4249 |
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| Solyc01g112220.2.1 | -2.20574 | 5.732684 | 5.99E-06 | 7.86E-05 | 1354 | 1757 | 587 | 3993 | 3750 | 2068 |
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| Solyc02g062500.2.1 | -2.1867 | 4.171118 | 0.000506 | 0.003555 | 88 | 966 | 432 | 486 | 2558 | 653 |
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| Solyc06g069150.1.1 | -2.17821 | 5.394143 | 0.00013 | 0.001128 | 202 | 2147 | 1099 | 1474 | 3708 | 2557 |
| Solyc03g123370.2.1 | -2.17761 | 9.970095 | 4.19E-06 | 5.75E-05 | 20783 | 36850 | 15657 | 71697 | 74951 | 39084 |
| Solyc08g080640.1.1 | -2.17661 | 9.456131 | 2.33E-05 | 0.000255 | 17419 | 15788 | 13816 | 57012 | 35832 | 31447 |
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| Solyc04g074710.2.1 | -2.17403 | 4.030442 | 4.35E-07 | 7.92E-06 | 255 | 720 | 282 | 777 | 1486 | 798 |
| Solyc11g007890.1.1 | -2.17305 | 3.375118 | 5.20E-05 | 0.000517 | 209 | 508 | 88 | 541 | 858 | 516 |
| Solyc07g063180.2.1 | -2.17048 | 2.267395 | 0.000106 | 0.000949 | 55 | 184 | 125 | 271 | 318 | 268 |
| Solyc11g069600.1.1 | -2.16872 | 7.083034 | 6.75E-07 | 1.17E-05 | 2470 | 4358 | 2977 | 6835 | 12074 | 6462 |
| Solyc08g081680.1.1 | -2.16724 | 2.25016 | 0.001011 | 0.006399 | 144 | 54 | 96 | 235 | 497 | 184 |
| Solyc07g054830.2.1 | -2.16555 | 6.788757 | 5.72E-07 | 1.01E-05 | 1684 | 4289 | 2381 | 6444 | 8941 | 5078 |
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| Solyc08g075230.1.1 | -2.16105 | 1.653175 | 0.000348 | 0.002607 | 36 | 100 | 95 | 158 | 247 | 166 |
| Solyc09g074340.2.1 | -2.15991 | 3.310115 | 7.44E-06 | 9.47E-05 | 184 | 352 | 194 | 796 | 607 | 387 |
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| Solyc11g068770.1.1 | -2.15836 | 6.163649 | 1.94E-06 | 2.95E-05 | 780 | 3197 | 1683 | 4315 | 5517 | 3333 |
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| Solyc04g083160.1.1 | -2.15119 | 3.015952 | 2.04E-05 | 0.000228 | 183 | 203 | 174 | 371 | 606 | 476 |
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| Solyc05g053330.2.1 | -2.14614 | 5.58099 | 4.86E-07 | 8.75E-06 | 737 | 2277 | 786 | 2531 | 4267 | 2162 |
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| Solyc01g097270.2.1 | -2.14366 | 10.9863 | 0.000127 | 0.00111 | 64249 | 43487 | 26441 | 154923 | 110681 | 93416 |
| Solyc01g097220.1.1 | -2.14182 | 2.169939 | 0.00024 | 0.001905 | 91 | 102 | 118 | 162 | 450 | 233 |

| | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc06g062990.1.1 | -2.14148 | 5.8767 | 2.96E-07 | 5.61E-06 | 1022 | 2319 | 1134 | 3178 | 5138 | 2649 |
| Solyc06g075190.1.1 | -2.14078 | 6.49842 | 9.44E-07 | 1.57E-05 | 1898 | 3266 | 1538 | 5351 | 6701 | 4398 |
| Solyc02g086770.2.1 | -2.13934 | 2.423327 | 0.000832 | 0.005432 | 166 | 138 | 60 | 453 | 236 | 241 |
| Solyc01g080800.2.1 | -2.13891 | 4.457554 | 1.12E-05 | 0.000134 | 518 | 917 | 225 | 945 | 2390 | 914 |
| Solyc07g007820.2.1 | -2.1378 | 7.350344 | 1.15E-06 | 1.86E-05 | 3052 | 5924 | 3240 | 10025 | 12894 | 7171 |
| Solyc05g056200.1.1 | -2.13645 | 4.5325 | 2.85E-07 | 5.43E-06 | 529 | 739 | 405 | 1190 | 2231 | 969 |
| Solyc07g062670.1.1 | -2.12957 | 1.855143 | 0.000518 | 0.003625 | 79 | 136 | 54 | 166 | 438 | 112 |
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| Solyc09g059040.2.1 | -2.12453 | 8.558671 | 2.20E-06 | 3.28E-05 | 6963 | 15192 | 6830 | 21333 | 29273 | 18277 |
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| Solyc11g065940.1.1 | -2.12192 | 7.411379 | 2.76E-06 | 3.98E-05 | 2244 | 7058 | 4087 | 9139 | 13686 | 8371 |
| Solyc05g013880.1.1 | -2.12149 | 4.900995 | 1.94E-05 | 0.000218 | 900 | 868 | 326 | 2251 | 1873 | 1245 |
| Solyc01g105370.2.1 | -2.11907 | 7.982626 | 8.66E-05 | 0.0008 | 8229 | 5951 | 2922 | 15907 | 20101 | 10665 |
| Solyc10g054030.1.1 | -2.11858 | 6.216959 | 1.89E-06 | 2.90E-05 | 1631 | 2626 | 1280 | 5360 | 5324 | 2918 |
| Solyc07g049580.2.1 | -2.11535 | 4.153631 | 1.91E-06 | 2.91E-05 | 433 | 390 | 407 | 1185 | 1373 | 716 |
| Solyc11g007590.1.1 | -2.11495 | 6.644227 | 2.06E-06 | 3.09E-05 | 2167 | 3046 | 2077 | 7102 | 6620 | 4316 |
| Solyc07g045350.2.1 | -2.11336 | 9.256262 | 2.17E-05 | 0.000239 | 7369 | 20885 | 18589 | 47623 | 34339 | 26510 |
| Solyc01g008300.1.1 | -2.11171 | 4.697559 | 2.45E-06 | 3.58E-05 | 476 | 730 | 686 | 2242 | 1688 | 807 |
| Solyc01g106500.2.1 | -2.11075 | 6.913173 | 1.47E-06 | 2.32E-05 | 2014 | 5001 | 2414 | 5963 | 10539 | 5823 |
| Solyc01g010060.2.1 | -2.10944 | 3.39923 | 0.000116 | 0.001026 | 127 | 640 | 141 | 387 | 1074 | 529 |
| Solyc08g077920.2.1 | -2.10839 | 6.837543 | 2.59E-06 | 3.76E-05 | 1505 | 4449 | 2993 | 5521 | 9763 | 5770 |
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| Solyc06g072610.2.1 | -2.10676 | 6.148136 | 6.96E-07 | 1.20E-05 | 1359 | 2599 | 1434 | 4645 | 5684 | 2794 |
| Solyc10g085000.1.1 | -2.1062 | 6.411473 | 6.42E-05 | 0.000619 | 2777 | 1816 | 1134 | 5893 | 6352 | 3366 |
| Solyc07g064740.2.1 | -2.10462 | 5.346828 | 3.20E-05 | 0.000339 | 1143 | 1066 | 647 | 3827 | 2164 | 1289 |
| Solyc08g076050.2.1 | -2.1025 | 4.236435 | 2.97E-05 | 0.000318 | 210 | 917 | 425 | 517 | 2021 | 1028 |
| Solyc01g091910.2.1 | -2.10096 | 5.152151 | 7.72E-08 | 1.70E-06 | 572 | 1222 | 913 | 1969 | 3086 | 1552 |
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| RRNA_11_6 | -2.10039 | 7.110309 | 1.86E-05 | 0.00021 | 3311 | 3038 | 3297 | 5749 | 9854 | 8823 |
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| Solyc11g008420.1.1 | -2.09611 | 3.489488 | 3.15E-06 | 4.46E-05 | 162 | 414 | 294 | 652 | 774 | 579 |
| Solyc05g011920.2.1 | -2.09557 | 5.465936 | 4.10E-07 | 7.51E-06 | 820 | 1916 | 756 | 2064 | 4057 | 2110 |
| Solyc04g016250.2.1 | -2.09542 | 1.037569 | 0.001055 | 0.006623 | 32 | 85 | 43 | 143 | 151 | 78 |
| Solyc02g087260.1.1 | -2.09491 | 4.768231 | 1.31E-07 | 2.73E-06 | 443 | 1094 | 599 | 1761 | 2262 | 1040 |
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| Solyc11g068610.1.1 | -2.08211 | 5.805366 | 1.22E-06 | 1.96E-05 | 1349 | 1694 | 1066 | 3399 | 4369 | 2457 |
| Solyc10g085350.1.1 | -2.0816 | 1.554059 | 0.000551 | 0.003827 | 41 | 86 | 93 | 177 | 214 | 136 |
| Solyc03g007430.2.1 | -2.07765 | 6.235024 | 3.38E-06 | 4.74E-05 | 1852 | 2656 | 1167 | 4389 | 6114 | 3326 |
| Solyc02g078180.2.1 | -2.07717 | 5.605913 | 2.28E-07 | 4.48E-06 | 838 | 2015 | 1010 | 2612 | 4083 | 2258 |
| Solyc05g006220.2.1 | -2.07565 | 5.069325 | 3.14E-07 | 5.91E-06 | 636 | 939 | 913 | 2318 | 2628 | 1241 |
| Solyc06g063190.2.1 | -2.07317 | 5.579397 | 1.19E-05 | 0.000142 | 1048 | 2129 | 624 | 1646 | 4657 | 2586 |
| Solyc04g009640.2.1 | -2.07175 | 2.089029 | 0.00017 | 0.001415 | 59 | 169 | 109 | 245 | 367 | 174 |
| Solyc07g055080.2.1 | -2.07147 | 6.160386 | 0.001352 | 0.008195 | 2404 | 1483 | 987 | 8144 | 2540 | 1801 |
| Solyc09g082570.2.1 | -2.06824 | 4.112389 | 6.86E-06 | 8.81E-05 | 410 | 741 | 208 | 974 | 1200 | 904 |
| Solyc08g067290.2.1 | -2.06663 | 5.819381 | 0.000192 | 0.001572 | 1629 | 1480 | 926 | 5783 | 2589 | 1605 |
| Solyc02g088620.2.1 | -2.06549 | 7.073693 | 1.24E-05 | 0.000147 | 3666 | 4035 | 2168 | 8618 | 10678 | 5443 |
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| Solyc07g006890.1.1 | -2.0628 | 8.127283 | 0.000217 | 0.00174 | 9287 | 8241 | 2536 | 18633 | 20552 | 11614 |
| Solyc03g006080.2.1 | -2.06086 | 5.688685 | 4.88E-06 | 6.57E-05 | 1391 | 1704 | 753 | 3366 | 3441 | 2398 |
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| | | | | | | | | | | |
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| Solyc08g080940.2.1 | -2.02735 | 8.297499 | 4.18E-05 | 0.000428 | 9238 | 8830 | 5072 | 22003 | 21854 | 12752 |
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| Solyc06g072740.1.1 | -2.01225 | 1.915017 | 0.000964 | 0.006142 | 84 | 150 | 66 | 317 | 277 | 96 |
| Solyc05g050120.2.1 | -2.01203 | 12.14567 | 1.93E-05 | 0.000217 | 109401 | 154789 | 87513 | 304806 | 273251 | 216201 |
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| Solyc10g011880.1.1 | -2.00436 | 4.089067 | 0.000343 | 0.002576 | 571 | 336 | 291 | 1585 | 763 | 600 |
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| Solyc10g007290.2.1 | -1.99883 | 4.877171 | 2.26E-06 | 3.35E-05 | 621 | 1001 | 693 | 2267 | 2253 | 877 |
| Solyc03g115410.2.1 | -1.9964 | 4.749524 | 1.71E-06 | 2.64E-05 | 700 | 885 | 494 | 1794 | 2019 | 1055 |
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| Solyc06g066050.2.1 | -1.99396 | 5.223279 | 4.64E-06 | 6.28E-05 | 946 | 1184 | 751 | 2937 | 2123 | 1496 |
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| Solyc07g049180.2.1 | -1.98081 | 7.881589 | 1.79E-05 | 0.000203 | 5927 | 8806 | 4079 | 14781 | 18654 | 9428 |
| Solyc07g063620.2.1 | -1.97909 | 3.260035 | 7.52E-05 | 0.000709 | 269 | 222 | 217 | 582 | 811 | 363 |
| Solyc03g007220.2.1 | -1.97898 | 4.750677 | 4.25E-05 | 0.000434 | 638 | 1193 | 394 | 2394 | 1293 | 981 |
| Solyc08g063010.2.1 | -1.97855 | 2.806175 | 0.000114 | 0.001016 | 137 | 242 | 180 | 548 | 413 | 268 |
| Solyc02g067530.2.1 | -1.97747 | 4.75727 | 7.03E-07 | 1.21E-05 | 437 | 1276 | 600 | 1407 | 2311 | 1212 |
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| Solyc03g114890.2.1 | -1.97554 | 3.591398 | 1.35E-05 | 0.000159 | 187 | 588 | 264 | 534 | 942 | 665 |
| Solyc06g082080.2.1 | -1.97461 | 4.39255 | 1.11E-05 | 0.000133 | 513 | 957 | 275 | 1189 | 1901 | 799 |
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| Solyc08g005200.2.1 | -1.9738 | 4.814493 | 5.72E-07 | 1.01E-05 | 598 | 901 | 724 | 1853 | 1998 | 1177 |
| Solyc12g013690.1.1 | -1.97037 | 7.278191 | 0.000125 | 0.001096 | 5083 | 4600 | 2046 | 9959 | 10714 | 6890 |
| Solyc05g051200.1.1 | -1.96965 | 6.586277 | 0.001026 | 0.006477 | 3600 | 2519 | 916 | 8336 | 4754 | 3581 |
| Solyc10g080900.1.1 | -1.96897 | 4.756712 | 2.51E-05 | 0.000272 | 728 | 798 | 554 | 1271 | 3273 | 759 |
| Solyc02g089290.2.1 | -1.96753 | 5.775341 | 3.09E-06 | 4.40E-05 | 1109 | 2195 | 1211 | 3835 | 3630 | 2252 |
| Solyc04g076830.2.1 | -1.9654 | 7.505347 | 1.10E-05 | 0.000132 | 4399 | 6015 | 3952 | 9760 | 15507 | 7878 |
| Solyc10g074930.1.1 | -1.96525 | 7.149807 | 2.14E-05 | 0.000236 | 3611 | 5163 | 2581 | 6354 | 14132 | 6030 |
| RRNA_SL2.40sc06396_1 | -1.96517 | 7.750314 | 6.90E-05 | 0.000658 | 5498 | 4960 | 5713 | 8896 | 15332 | 13270 |
| Solyc07g064800.2.1 | -1.96204 | 7.475467 | 1.74E-05 | 0.000199 | 2619 | 8081 | 4595 | 7914 | 15356 | 8949 |
| Solyc10g012080.2.1 | -1.96139 | 6.783551 | 1.31E-05 | 0.000154 | 2529 | 4449 | 2074 | 7768 | 8053 | 4041 |
| Solyc09g014280.1.1 | -1.96106 | 8.150857 | 9.90E-05 | 0.000897 | 6299 | 10300 | 6387 | 25642 | 12627 | 10580 |
| Solyc04g071030.1.1 | -1.95577 | 7.197581 | 4.92E-05 | 0.000492 | 3198 | 7498 | 2010 | 8551 | 12965 | 5542 |
| Solyc06g071060.1.1 | -1.95319 | 5.09709 | 3.54E-05 | 0.000371 | 1142 | 969 | 477 | 2196 | 2309 | 1536 |
| Solyc03g007900.2.1 | -1.95281 | 5.555341 | 5.06E-06 | 6.78E-05 | 1289 | 1700 | 768 | 2546 | 3710 | 2184 |
| RRNA_6_1 | -1.95259 | 7.996325 | 7.81E-05 | 0.000731 | 6660 | 5960 | 6682 | 10884 | 17006 | 16084 |
| Solyc07g043250.1.1 | -1.95242 | 7.014435 | 9.51E-06 | 0.000117 | 2832 | 5349 | 2568 | 8405 | 8613 | 5784 |
| Solyc10g049630.1.1 | -1.95237 | 5.315171 | 2.76E-06 | 3.97E-05 | 919 | 1817 | 623 | 2462 | 3096 | 1625 |
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| Solyc04g078640.1.1 | -1.94897 | 5.609613 | 6.74E-05 | 0.000645 | 1636 | 1474 | 622 | 3193 | 3461 | 2043 |
| Solyc03g083470.2.1 | -1.94877 | 5.5994 | 0.000867 | 0.005632 | 1689 | 1846 | 294 | 3544 | 3083 | 1929 |
| Solyc09g009390.2.1 | -1.94842 | 9.265759 | 3.54E-05 | 0.000371 | 12764 | 21746 | 15596 | 48636 | 35974 | 23397 |
| Solyc02g067470.2.1 | -1.94724 | 3.931538 | 6.81E-06 | 8.76E-05 | 248 | 678 | 381 | 688 | 1548 | 618 |
| Solyc08g080900.2.1 | -1.94421 | 7.569122 | 4.42E-05 | 0.000448 | 5622 | 5966 | 3228 | 10782 | 15117 | 8314 |

| | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc04g010310.2.1 | -1.94248 | 7.466567 | 1.36E-05 | 0.000159 | 3714 | 7415 | 3722 | 11852 | 12271 | 7310 |
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| Solyc07g005130.2.1 | -1.9402 | 5.933837 | 1.17E-05 | 0.000139 | 1739 | 1883 | 1160 | 3422 | 4743 | 2780 |
| Solyc01g103030.2.1 | -1.93959 | 5.448347 | 7.72E-07 | 1.31E-05 | 820 | 1616 | 1179 | 2208 | 3707 | 1992 |
| Solyc07g008940.2.1 | -1.93919 | 6.625446 | 6.58E-06 | 8.52E-05 | 1670 | 4383 | 2434 | 5589 | 8266 | 4090 |
| Solyc04g007580.1.1 | -1.93705 | 6.191287 | 0.000186 | 0.00153 | 1593 | 4206 | 752 | 2945 | 7016 | 3474 |
| Solyc06g035610.2.1 | -1.93694 | 2.21215 | 0.00077 | 0.005094 | 134 | 176 | 63 | 268 | 370 | 194 |
| Solyc05g006640.2.1 | -1.93682 | 6.7004 | 7.35E-06 | 9.37E-05 | 2313 | 3968 | 2301 | 5687 | 9255 | 4149 |
| Solyc06g073840.2.1 | -1.93525 | 7.366881 | 4.10E-05 | 0.000421 | 4743 | 5358 | 2934 | 9932 | 13899 | 6302 |
| Solyc11g012780.1.1 | -1.93331 | 4.9918 | 7.61E-07 | 1.30E-05 | 762 | 1150 | 681 | 1949 | 2452 | 1314 |
| Solyc09g075750.1.1 | -1.93249 | 4.885214 | 1.91E-05 | 0.000215 | 882 | 1044 | 433 | 2076 | 2179 | 1060 |
| Solyc02g082350.2.1 | -1.9295 | 6.359294 | 3.42E-05 | 0.00036 | 2189 | 2939 | 1514 | 6339 | 4932 | 3130 |
| Solyc01g005920.2.1 | -1.92904 | 4.786472 | 3.55E-05 | 0.000371 | 865 | 718 | 521 | 2081 | 1991 | 897 |
| Solyc08g060970.2.1 | -1.92746 | 5.753399 | 7.80E-06 | 9.85E-05 | 738 | 2560 | 1465 | 3100 | 4292 | 2313 |
| Solyc01g010020.2.1 | -1.927 | 4.150376 | 5.09E-06 | 6.81E-05 | 397 | 821 | 304 | 891 | 1374 | 887 |
| Solyc01g099520.2.1 | -1.92697 | 6.184995 | 9.36E-06 | 0.000115 | 1024 | 3390 | 1983 | 3861 | 5966 | 3278 |
| Solyc06g073190.2.1 | -1.92673 | 7.85468 | 2.54E-05 | 0.000275 | 5533 | 8379 | 5030 | 15700 | 13855 | 10616 |
| Solyc01g04058110.2.1 | -1.92293 | 4.514052 | 3.19E-05 | 0.000339 | 266 | 1281 | 515 | 863 | 2111 | 1173 |
| Solyc11g008370.1.1 | -1.91957 | 3.794382 | 1.01E-05 | 0.000123 | 197 | 618 | 396 | 838 | 1106 | 556 |
| Solyc04g007870.2.1 | -1.91837 | 6.575414 | 7.26E-06 | 9.27E-05 | 2225 | 3513 | 2133 | 5468 | 7726 | 4004 |
| Solyc08g023470.2.1 | -1.91777 | 6.772711 | 7.83E-06 | 9.87E-05 | 2489 | 4220 | 2403 | 6192 | 8822 | 4674 |
| Solyc06g074940.2.1 | -1.91755 | 4.913737 | 0.000359 | 0.002665 | 263 | 1745 | 814 | 848 | 3755 | 1220 |
| Solyc03g120140.2.1 | -1.91748 | 5.359327 | 8.72E-07 | 1.46E-05 | 897 | 1534 | 980 | 2439 | 3390 | 1614 |
| Solyc02g090820.2.1 | -1.91647 | 6.690054 | 0.00011 | 0.000978 | 997 | 4953 | 3335 | 4598 | 8387 | 5396 |
| Solyc10g080560.1.1 | -1.91631 | 1.59004 | 0.000871 | 0.005653 | 58 | 115 | 78 | 181 | 220 | 130 |
| Solyc10g086680.1.1 | -1.91598 | 5.082375 | 8.66E-05 | 0.0008 | 467 | 714 | 1501 | 1894 | 2985 | 1319 |
| Solyc08g078090.1.1 | -1.91505 | 5.956181 | 8.24E-05 | 0.000767 | 590 | 2963 | 2029 | 2703 | 5335 | 3123 |
| Solyc09g082230.1.1 | -1.91493 | 5.495037 | 0.000142 | 0.001219 | 1568 | 1497 | 480 | 2561 | 3703 | 1880 |
| Solyc12g087960.1.1 | -1.9149 | 4.061465 | 0.000147 | 0.001255 | 578 | 373 | 296 | 1231 | 1048 | 650 |
| Solyc03g083150.2.1 | -1.91477 | 4.313855 | 8.33E-06 | 0.000104 | 505 | 751 | 384 | 801 | 1917 | 930 |
| Solyc06g009270.2.1 | -1.91311 | 6.957115 | 9.02E-06 | 0.000112 | 2532 | 4996 | 2994 | 7968 | 8375 | 5496 |
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| Solyc07g064610.2.1 | -1.90882 | 7.227597 | 1.27E-05 | 0.000151 | 3372 | 5267 | 3728 | 9211 | 11653 | 6046 |
| Solyc09g059430.2.1 | -1.90832 | 6.704573 | 1.58E-05 | 0.000182 | 2289 | 4603 | 2070 | 4627 | 9400 | 4911 |
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| Solyc04g079300.2.1 | -1.90799 | 7.071744 | 1.56E-05 | 0.00018 | 2132 | 6248 | 3491 | 8241 | 10459 | 5447 |
| Solyc11g066970.1.1 | -1.90702 | 2.368655 | 0.001648 | 0.009661 | 46 | 165 | 224 | 260 | 432 | 234 |
| Solyc01g091840.2.1 | -1.90678 | 5.527201 | 2.46E-06 | 3.60E-05 | 915 | 2167 | 953 | 2209 | 3991 | 2131 |
| Solyc12g017430.1.1 | -1.90646 | 2.312037 | 0.000414 | 0.00301 | 127 | 172 | 105 | 295 | 314 | 247 |
| Solyc11g061760.1.1 | -1.90541 | 3.993279 | 5.51E-06 | 7.31E-05 | 398 | 511 | 379 | 1009 | 1125 | 679 |
| Solyc02g078820.2.1 | -1.90309 | 5.807429 | 1.02E-05 | 0.000125 | 1404 | 2120 | 1130 | 3879 | 3823 | 2202 |
| Solyc01g068450.2.1 | -1.90119 | 4.883922 | 6.79E-07 | 1.17E-05 | 608 | 1213 | 700 | 1664 | 2359 | 1270 |
| Solyc02g077470.2.1 | -1.89532 | 5.363339 | 0.000126 | 0.001099 | 1188 | 1342 | 788 | 3830 | 1884 | 1350 |
| Solyc05g013750.2.1 | -1.89127 | 8.088897 | 2.17E-05 | 0.000239 | 6662 | 11041 | 5369 | 14714 | 21450 | 12374 |
| Solyc09g091840.2.1 | -1.89123 | 8.989041 | 2.19E-05 | 0.000241 | 9623 | 19430 | 14254 | 24153 | 42131 | 24574 |
| Solyc12g005640.1.1 | -1.89076 | 5.71629 | 3.43E-06 | 4.82E-05 | 1219 | 1818 | 1320 | 2536 | 4205 | 2598 |
| Solyc11g017380.1.1 | -1.88986 | 3.008054 | 0.000152 | 0.00129 | 206 | 312 | 155 | 575 | 571 | 284 |
| Solyc03g007040.2.1 | -1.88883 | 5.908848 | 1.06E-05 | 0.000128 | 1605 | 2062 | 1261 | 3300 | 5206 | 2408 |
| Solyc12g005140.1.1 | -1.88873 | 5.158372 | 1.27E-05 | 0.000151 | 1011 | 1330 | 612 | 2536 | 2524 | 1292 |
| Solyc05g009340.1.1 | -1.88848 | 2.759621 | 0.000354 | 0.002635 | 98 | 352 | 166 | 462 | 578 | 200 |
| Solyc06g036430.2.1 | -1.88788 | 2.312915 | 0.000353 | 0.002634 | 115 | 167 | 127 | 251 | 404 | 229 |
| Solyc03g025380.2.1 | -1.88679 | 3.774778 | 0.000278 | 0.002157 | 418 | 486 | 212 | 1098 | 1089 | 319 |
| Solyc06g005490.2.1 | -1.88509 | 4.869137 | 1.25E-06 | 2.01E-05 | 674 | 1055 | 716 | 1699 | 1995 | 1402 |
| Solyc09g089670.2.1 | -1.88475 | 6.737998 | 1.12E-05 | 0.000134 | 2278 | 3836 | 2860 | 6561 | 7538 | 4694 |
| Solyc02g071740.2.1 | -1.88469 | 6.656205 | 6.24E-05 | 0.000604 | 2272 | 5143 | 1587 | 7110 | 6140 | 4262 |
| Solyc02g080070.2.1 | -1.88468 | 8.562688 | 8.74E-05 | 0.000805 | 11009 | 14468 | 5933 | 18301 | 32900 | 17074 |
| Solyc01g096730.2.1 | -1.88233 | 6.920027 | 5.23E-05 | 0.000519 | 3524 | 3772 | 2462 | 5604 | 11649 | 5026 |
| Solyc01g098580.2.1 | -1.88197 | 3.156009 | 0.000473 | 0.003372 | 285 | 297 | 136 | 684 | 480 | 364 |
| Solyc06g063090.2.1 | -1.88082 | 6.815312 | 6.50E-05 | 0.000625 | 1364 | 5493 | 3403 | 5012 | 10456 | 5052 |
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| Solyc02g080040.2.1 | -1.87911 | 3.142279 | 0.000594 | 0.004079 | 131 | 546 | 161 | 302 | 1026 | 347 |
| Solyc06g066370.2.1 | -1.87845 | 9.293667 | 5.49E-05 | 0.000541 | 14671 | 30104 | 10598 | 35014 | 52827 | 25516 |
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| Solyc09g090250.2.1 | -1.87416 | 5.651651 | 2.93E-06 | 4.19E-05 | 1007 | 2176 | 1214 | 3060 | 4056 | 1930 |
| Solyc09g090440.1.1 | -1.874 | 4.471624 | 3.36E-05 | 0.000355 | 695 | 733 | 370 | 1541 | 1445 | 894 |
| Solyc05g006560.1.1 | -1.87342 | 5.269748 | 2.41E-06 | 3.53E-05 | 684 | 1822 | 945 | 2532 | 2671 | 1586 |
| Solyc01g104690.2.1 | -1.87065 | 7.484575 | 0.000792 | 0.005222 | 6700 | 4537 | 2547 | 13268 | 8848 | 8184 |
| Solyc04g039960.2.1 | -1.86943 | 4.056708 | 0.000106 | 0.000951 | 187 | 857 | 497 | 1078 | 781 | 908 |
| Solyc12g043120.1.1 | -1.8688 | 8.230146 | 3.31E-05 | 0.000349 | 4862 | 14444 | 7839 | 19256 | 21832 | 12102 |
| Solyc11g010450.1.1 | -1.86862 | 3.73594 | 1.51E-05 | 0.000175 | 233 | 525 | 398 | 587 | 1108 | 671 |
| Solyc02g072080.1.1 | -1.86591 | 7.138491 | 0.000158 | 0.001328 | 3682 | 7060 | 1778 | 7841 | 12556 | 5304 |
| Solyc11g013880.1.1 | -1.86407 | 6.396742 | 1.13E-05 | 0.000135 | 1633 | 3920 | 1966 | 4838 | 7042 | 3316 |
| Solyc12g006500.1.1 | -1.864 | 5.593016 | 5.91E-06 | 7.77E-05 | 1019 | 1794 | 1310 | 2075 | 4843 | 1997 |
| Solyc08g016610.1.1 | -1.86399 | 1.803184 | 0.001458 | 0.008744 | 46 | 140 | 120 | 188 | 302 | 138 |
| Solyc02g063020.1.1 | -1.86195 | 4.491854 | 6.97E-06 | 8.93E-05 | 589 | 945 | 401 | 1137 | 1820 | 1043 |
| Solyc06g082290.2.1 | -1.86084 | 5.175353 | 4.24E-06 | 5.80E-05 | 589 | 1702 | 971 | 1639 | 3483 | 1505 |
| Solyc06g005170.2.1 | -1.85942 | 7.864177 | 0.000159 | 0.001337 | 5639 | 11838 | 3459 | 17074 | 15833 | 8250 |
| Solyc12g005290.1.1 | -1.85925 | 4.368273 | 1.17E-05 | 0.000139 | 376 | 1014 | 480 | 1547 | 1343 | 736 |
| Solyc03g098650.2.1 | -1.85916 | 1.695844 | 0.001309 | 0.007962 | 79 | 129 | 68 | 208 | 207 | 143 |
| Solyc02g064680.2.1 | -1.8589 | 7.032054 | 2.68E-05 | 0.000289 | 2490 | 5780 | 3338 | 7065 | 12626 | 4529 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc11g018610.1.1 | -1.85875 | 5.48242 | 1.05E-05 | 0.000127 | 971 | 1894 | 1041 | 3454 | 2932 | 1496 |
| Solyc01g007010.2.1 | -1.85859 | 5.004246 | 7.62E-05 | 0.000716 | 707 | 1942 | 363 | 1677 | 2699 | 1383 |
| Solyc10g050060.1.1 | -1.85834 | 6.610898 | 0.000196 | 0.001603 | 3072 | 3207 | 1699 | 7867 | 5654 | 3454 |
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| Solyc05g013060.2.1 | -1.85756 | 5.434098 | 8.19E-05 | 0.000763 | 1508 | 1222 | 693 | 2017 | 3972 | 1865 |
| Solyc01g107820.2.1 | -1.85533 | 9.69436 | 0.000929 | 0.00597 | 30409 | 28783 | 8081 | 52809 | 60372 | 33355 |
| Solyc06g009140.2.1 | -1.85492 | 9.960668 | 3.77E-05 | 0.000392 | 21381 | 44820 | 22077 | 48826 | 88655 | 42793 |
| Solyc02g090350.2.1 | -1.85423 | 6.68413 | 0.000246 | 0.001946 | 2225 | 4032 | 2634 | 9765 | 5286 | 2797 |
| Solyc09g011670.2.1 | -1.85376 | 7.930749 | 7.22E-05 | 0.000686 | 4474 | 8748 | 7778 | 18243 | 14105 | 9748 |
| Solyc04g074430.1.1 | -1.85323 | 3.962246 | 0.000491 | 0.003472 | 534 | 603 | 160 | 1067 | 1295 | 471 |
| Solyc04g012040.2.1 | -1.85301 | 5.013347 | 0.001241 | 0.007613 | 983 | 974 | 662 | 3583 | 1033 | 818 |
| Solyc01g007780.2.1 | -1.85246 | 3.038886 | 0.000201 | 0.001636 | 149 | 289 | 266 | 399 | 487 | 494 |
| Solyc09g059510.2.1 | -1.85246 | 6.029545 | 6.49E-05 | 0.000625 | 1883 | 2542 | 1108 | 4599 | 3696 | 2884 |
| Solyc02g020890.2.1 | -1.85124 | 4.711583 | 2.23E-06 | 3.31E-05 | 515 | 1245 | 598 | 1541 | 2016 | 1093 |
| Solyc11g066320.1.1 | -1.84824 | 4.298057 | 9.39E-05 | 0.000856 | 663 | 608 | 318 | 1375 | 1338 | 742 |
| Solyc01g103220.2.1 | -1.84724 | 7.915827 | 4.37E-05 | 0.000444 | 4440 | 9940 | 6933 | 9959 | 20239 | 12577 |
| Solyc03g063680.1.1 | -1.84308 | 2.418097 | 0.000535 | 0.003735 | 78 | 282 | 137 | 293 | 370 | 261 |
| Solyc09g083100.1.1 | -1.84175 | 3.269425 | 5.41E-05 | 0.000535 | 214 | 396 | 232 | 444 | 779 | 477 |
| Solyc12g042480.1.1 | -1.84109 | 7.9662 | 3.49E-05 | 0.000366 | 5007 | 12071 | 5605 | 11737 | 19316 | 12783 |
| Solyc12g100010.1.1 | -1.84037 | 5.311161 | 4.34E-06 | 5.91E-05 | 897 | 1870 | 792 | 2578 | 2801 | 1598 |
| Solyc09g089680.2.1 | -1.84011 | 4.544001 | 0.001578 | 0.009331 | 906 | 769 | 206 | 2034 | 1228 | 756 |
| Solyc05g050800.2.1 | -1.83489 | 6.852728 | 7.47E-05 | 0.000705 | 2842 | 5391 | 2085 | 8491 | 7347 | 4309 |
| Solyc05g005260.1.1 | -1.83471 | 8.06457 | 5.13E-05 | 0.00051 | 5379 | 14248 | 5206 | 16074 | 19835 | 11282 |
| Solyc06g076100.2.1 | -1.83367 | 6.534784 | 1.65E-05 | 0.000189 | 2018 | 4090 | 2151 | 5723 | 6916 | 3749 |
| Solyc06g061150.2.1 | -1.83051 | 6.914955 | 1.97E-05 | 0.000221 | 2780 | 4653 | 3053 | 6696 | 10127 | 4834 |
| Solyc11g070110.1.1 | -1.83028 | 4.522013 | 4.18E-06 | 5.74E-05 | 418 | 1076 | 596 | 1238 | 2012 | 899 |
| Solyc01g007220.2.1 | -1.82907 | 7.311696 | 6.05E-05 | 0.000589 | 2506 | 8173 | 4156 | 10664 | 11093 | 6151 |
| Solyc03g119340.2.1 | -1.82821 | 3.555081 | 0.000389 | 0.002861 | 121 | 637 | 364 | 401 | 1061 | 629 |
| Solyc03g007530.2.1 | -1.82696 | 8.289096 | 8.52E-05 | 0.000788 | 4499 | 14049 | 10054 | 13729 | 28348 | 14255 |
| Solyc01g111970.2.1 | -1.82658 | 2.242846 | 0.000842 | 0.005488 | 110 | 138 | 146 | 299 | 349 | 184 |
| Solyc11g069550.1.1 | -1.82646 | 4.451012 | 4.65E-06 | 6.29E-05 | 407 | 908 | 634 | 1271 | 1892 | 792 |
| Solyc09g064780.2.1 | -1.82602 | 6.373247 | 3.46E-05 | 0.000363 | 2280 | 3400 | 1524 | 4696 | 6607 | 3436 |
| Solyc01g105230.2.1 | -1.82586 | 6.080162 | 4.36E-05 | 0.000443 | 2008 | 2277 | 1379 | 4268 | 5276 | 2516 |
| Solyc12g056210.1.1 | -1.8253 | 6.956897 | 0.000106 | 0.000949 | 3536 | 4293 | 2652 | 9524 | 7430 | 4554 |
| Solyc04g014820.2.1 | -1.82424 | 5.411982 | 1.51E-05 | 0.000175 | 1261 | 1517 | 820 | 2698 | 3214 | 1632 |
| Solyc01g014230.2.1 | -1.82355 | 5.99868 | 2.21E-05 | 0.000243 | 1551 | 2370 | 1600 | 4533 | 4283 | 2375 |
| Solyc12g010570.1.1 | -1.82252 | 6.177526 | 8.97E-05 | 0.000822 | 2209 | 2962 | 1075 | 4181 | 5483 | 3094 |
| Solyc12g007110.1.1 | -1.82208 | 7.621195 | 6.75E-05 | 0.000645 | 5675 | 6817 | 4134 | 11861 | 14814 | 8081 |
| Solyc12g008970.1.1 | -1.82196 | 6.915266 | 5.85E-05 | 0.000572 | 3480 | 4382 | 2404 | 7688 | 8736 | 4813 |
| Solyc08g080520.2.1 | -1.82173 | 5.145008 | 3.92E-06 | 5.41E-05 | 636 | 1707 | 910 | 1677 | 3227 | 1493 |
| Solyc04g007660.1.1 | -1.82109 | 4.818028 | 1.20E-05 | 0.000143 | 746 | 1068 | 617 | 2069 | 1701 | 1097 |
| Solyc10g084690.1.1 | -1.8184 | 3.191048 | 0.000542 | 0.003774 | 223 | 365 | 210 | 814 | 547 | 237 |
| Solyc11g072660.1.1 | -1.81456 | 4.92982 | 9.38E-06 | 0.000116 | 809 | 1287 | 587 | 1437 | 2892 | 1222 |
| Solyc11g072830.1.1 | -1.81399 | 2.499145 | 0.001291 | 0.007873 | 166 | 179 | 126 | 440 | 263 | 241 |
| Solyc03g121610.2.1 | -1.81355 | 3.160361 | 0.000601 | 0.004121 | 120 | 360 | 327 | 413 | 459 | 589 |
| Solyc06g050440.2.1 | -1.81124 | 3.433007 | 0.000181 | 0.001493 | 143 | 644 | 265 | 506 | 997 | 449 |
| Solyc04g073960.2.1 | -1.80895 | 2.54265 | 0.001527 | 0.009089 | 187 | 221 | 88 | 207 | 582 | 268 |
| Solyc09g092480.1.1 | -1.80754 | 4.455417 | 0.000244 | 0.00193 | 358 | 1316 | 457 | 552 | 2247 | 1173 |
| Solyc09g090730.1.1 | -1.80434 | 7.456136 | 0.000106 | 0.000952 | 2473 | 10053 | 4498 | 9016 | 13557 | 8217 |
| Solyc06g072310.2.1 | -1.80372 | 2.697806 | 0.001058 | 0.006638 | 186 | 307 | 88 | 457 | 410 | 252 |
| Solyc07g066570.2.1 | -1.80211 | 4.615902 | 4.75E-06 | 6.42E-05 | 565 | 1115 | 540 | 1432 | 1911 | 992 |
| Solyc01g065530.2.1 | -1.8021 | 5.694588 | 9.96E-05 | 0.0009 | 1110 | 3057 | 799 | 2663 | 5173 | 1736 |
| Solyc02g071350.2.1 | -1.80142 | 3.852816 | 4.76E-05 | 0.000478 | 356 | 662 | 286 | 772 | 1411 | 476 |
| Solyc01g106310.2.1 | -1.79909 | 3.268233 | 0.000121 | 0.001067 | 183 | 435 | 262 | 619 | 531 | 469 |
| Solyc04g078680.2.1 | -1.79691 | 7.254947 | 3.44E-05 | 0.000362 | 3589 | 6271 | 3754 | 9056 | 11559 | 6270 |
| Solyc05g005250.2.1 | -1.79492 | 6.238067 | 2.14E-05 | 0.000236 | 1762 | 3077 | 1889 | 4820 | 5650 | 2849 |
| Solyc09g047910.2.1 | -1.79376 | 4.36821 | 5.28E-05 | 0.000523 | 660 | 700 | 387 | 1374 | 1501 | 757 |
| Solyc01g111620.2.1 | -1.79355 | 5.133688 | 4.90E-06 | 6.60E-05 | 706 | 1633 | 891 | 1537 | 2691 | 1860 |
| Solyc09g074970.2.1 | -1.79254 | 2.951908 | 0.000181 | 0.001496 | 177 | 362 | 167 | 370 | 658 | 344 |
| Solyc12g038550.1.1 | -1.79118 | 3.582563 | 9.55E-05 | 0.000868 | 337 | 462 | 246 | 844 | 810 | 434 |
| Solyc09g007130.2.1 | -1.78997 | 5.919846 | 0.000467 | 0.003335 | 2108 | 1912 | 1021 | 4959 | 3017 | 2264 |
| Solyc03g034180.2.1 | -1.78869 | 7.090225 | 7.50E-05 | 0.000707 | 3701 | 5670 | 2730 | 8683 | 10630 | 4894 |
| Solyc02g084710.2.1 | -1.78828 | 4.32624 | 0.000398 | 0.002914 | 622 | 589 | 462 | 1849 | 952 | 607 |
| Solyc12g055930.1.1 | -1.78821 | 4.570056 | 6.73E-06 | 8.68E-05 | 460 | 1082 | 644 | 1507 | 1809 | 881 |
| Solyc01g080220.2.1 | -1.78816 | 7.864953 | 6.33E-05 | 0.000612 | 4668 | 10845 | 6011 | 9923 | 18818 | 12024 |
| Solyc01g088530.2.1 | -1.78705 | 3.539921 | 6.56E-05 | 0.00063 | 200 | 584 | 311 | 497 | 1027 | 544 |
| Solyc10g081440.1.1 | -1.78586 | 7.982832 | 7.92E-05 | 0.000741 | 4262 | 10702 | 8223 | 16713 | 16893 | 10235 |
| Solyc05g014340.2.1 | -1.7844 | 6.140987 | 3.32E-05 | 0.00035 | 1923 | 2628 | 1615 | 4274 | 5635 | 2633 |
| Solyc10g084940.1.1 | -1.78367 | 5.250302 | 2.72E-05 | 0.000293 | 1148 | 1136 | 914 | 1958 | 3565 | 1396 |
| Solyc10g080810.1.1 | -1.78363 | 5.443527 | 8.53E-06 | 0.000106 | 1141 | 1665 | 1024 | 2651 | 3511 | 1588 |
| Solyc09g008260.2.1 | -1.7831 | 4.560692 | 5.04E-05 | 0.000502 | 765 | 651 | 535 | 1451 | 1683 | 976 |
| Solyc03g097680.2.1 | -1.78299 | 7.995374 | 3.90E-05 | 0.000403 | 5289 | 11299 | 6779 | 14306 | 19437 | 11002 |
| Solyc02g087000.2.1 | -1.78261 | 6.985393 | 6.70E-05 | 0.000642 | 2472 | 5504 | 3626 | 4996 | 12618 | 5461 |
| Solyc09g011660.2.1 | -1.78149 | 6.019058 | 2.74E-05 | 0.000295 | 1483 | 2208 | 1976 | 4161 | 4237 | 2770 |
| RRNA_3_1 | -1.78145 | 8.766058 | 0.000211 | 0.001706 | 11548 | 13014 | 12454 | 16850 | 30201 | 26622 |
| Solyc02g062930.2.1 | -1.78131 | 5.550717 | 5.43E-06 | 7.22E-05 | 967 | 2035 | 1278 | 2403 | 3817 | 2057 |
| Solyc05g006520.2.1 | -1.78117 | 8.274089 | 4.62E-05 | 0.000466 | 7515 | 11556 | 8256 | 17447 | 23101 | 13537 |
| Solyc04g016180.2.1 | -1.77985 | 7.988998 | 0.000151 | 0.001284 | 7116 | 10365 | 5053 | 18461 | 16144 | 9357 |
| Solyc08g066430.1.1 | -1.77779 | 4.174525 | 7.47E-05 | 0.000705 | 295 | 904 | 513 | 613 | 1353 | 1112 |
| Solyc01g109050.2.1 | -1.77703 | 3.066139 | 0.000211 | 0.001702 | 167 | 320 | 263 | 534 | 669 | 286 |
| Solyc10g074500.1.1 | -1.77654 | 7.574626 | 5.59E-05 | 0.00055 | 4882 | 7657 | 4462 | 11608 | 13762 | 7881 |
| Solyc02g083390.2.1 | -1.77652 | 5.875512 | 0.000101 | 0.000911 | 1833 | 1953 | 1223 | 4190 | 3828 | 2161 |
| Solyc11g065660.1.1 | -1.77594 | 5.689734 | 1.47E-05 | 0.000171 | 1339 | 2023 | 1219 | 3074 | 4234 | 1893 |
| Solyc06g065200.2.1 | -1.77529 | 3.042365 | 0.000167 | 0.001394 | 164 | 364 | 228 | 417 | 719 | 334 |

| | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc12g014080.1.1 | -1.77359 | 5.294747 | 4.78E-06 | 6.46E-05 | 723 | 1805 | 1126 | 2042 | 3265 | 1652 |
| Solyc05g007150.2.1 | -1.77319 | 6.320221 | 5.11E-05 | 0.000508 | 1542 | 2837 | 2743 | 5032 | 4905 | 3660 |
| Solyc01g0066870.2.1 | -1.77202 | 5.983202 | 3.93E-05 | 0.000406 | 1100 | 2784 | 1981 | 2574 | 5381 | 3177 |
| Solyc02g064750.2.1 | -1.77181 | 5.763525 | 8.45E-05 | 0.000783 | 1687 | 2069 | 987 | 3581 | 3736 | 2123 |
| Solyc09g090560.1.1 | -1.77112 | 3.114928 | 0.000175 | 0.00145 | 214 | 338 | 219 | 507 | 733 | 308 |
| Solyc07g043590.2.1 | -1.77013 | 6.831023 | 6.23E-05 | 0.000604 | 2153 | 5672 | 2941 | 4864 | 10789 | 4889 |
| Solyc11g006720.1.1 | -1.76981 | 4.157942 | 6.89E-05 | 0.000657 | 533 | 796 | 277 | 1070 | 1320 | 728 |
| Solyc01g102500.2.1 | -1.76899 | 6.086908 | 1.84E-05 | 0.000208 | 1394 | 3078 | 1820 | 4003 | 4989 | 2861 |
| Solyc01g097280.2.1 | -1.76659 | 4.611893 | 6.12E-05 | 0.000595 | 387 | 1206 | 734 | 881 | 1699 | 1537 |
| Solyc12g042460.1.1 | -1.76633 | 2.524692 | 0.001168 | 0.007249 | 188 | 180 | 118 | 376 | 414 | 213 |
| Solyc06g071620.2.1 | -1.76607 | 4.365505 | 8.37E-05 | 0.000778 | 263 | 976 | 723 | 822 | 1609 | 1128 |
| Solyc11g010780.1.1 | -1.76547 | 4.753831 | 0.000469 | 0.003342 | 1016 | 658 | 512 | 2122 | 1453 | 1002 |
| Solyc03g118340.2.1 | -1.76482 | 7.905252 | 0.000262 | 0.002051 | 4655 | 10461 | 7044 | 7623 | 26620 | 10147 |
| Solyc08g079700.1.1 | -1.76339 | 6.863344 | 0.000473 | 0.003366 | 2722 | 7396 | 1381 | 6372 | 8992 | 5026 |
| Solyc11g044880.1.1 | -1.76148 | 7.074492 | 4.35E-05 | 0.000442 | 3146 | 5664 | 3462 | 8050 | 10531 | 5194 |
| Solyc06g083790.2.1 | -1.76138 | 8.507902 | 5.20E-05 | 0.000517 | 7957 | 16100 | 9514 | 19084 | 28253 | 16307 |
| Solyc01g081470.2.1 | -1.76135 | 4.498476 | 5.34E-05 | 0.000528 | 283 | 1135 | 763 | 1376 | 1499 | 1002 |
| Solyc06g005160.2.1 | -1.76096 | 9.078238 | 0.000124 | 0.001088 | 8081 | 26657 | 17016 | 28232 | 44136 | 23034 |
| Solyc06g035620.2.1 | -1.76077 | 4.556426 | 0.000159 | 0.001337 | 764 | 1046 | 301 | 1317 | 1851 | 968 |
| Solyc06g051750.2.1 | -1.75877 | 5.338155 | 3.18E-05 | 0.000338 | 1255 | 1425 | 833 | 1850 | 3739 | 1680 |
| Solyc01g094040.2.1 | -1.75744 | 6.019685 | 2.78E-05 | 0.000298 | 1562 | 2668 | 1655 | 2822 | 5488 | 3108 |
| Solyc05g012890.1.1 | -1.75715 | 5.649412 | 1.53E-05 | 0.000177 | 1286 | 2242 | 1071 | 2981 | 3794 | 2015 |
| Solyc07g006280.2.1 | -1.75707 | 8.047918 | 0.000241 | 0.001911 | 6041 | 14907 | 4609 | 14925 | 24924 | 8440 |
| Solyc01g067020.2.1 | -1.75549 | 6.492611 | 8.46E-05 | 0.000784 | 1620 | 5372 | 1921 | 4469 | 7465 | 3950 |
| Solyc05g013660.2.1 | -1.75524 | 5.869771 | 6.66E-05 | 0.000638 | 1120 | 3190 | 1353 | 2381 | 5838 | 2415 |
| Solyc11g051200.1.1 | -1.75462 | 5.216096 | 4.60E-05 | 0.000464 | 880 | 1021 | 1294 | 1811 | 2290 | 2113 |
| Solyc10g006310.2.1 | -1.75417 | 4.67295 | 5.90E-06 | 7.77E-05 | 525 | 1051 | 762 | 1477 | 1826 | 1111 |
| Solyc04g050140.2.1 | -1.75096 | 6.205291 | 7.11E-05 | 0.000676 | 2091 | 2902 | 1598 | 4996 | 5094 | 2734 |
| Solyc02g083590.2.1 | -1.74994 | 8.317128 | 0.000143 | 0.001225 | 4667 | 15166 | 10676 | 18853 | 24624 | 12549 |
| Solyc05g056510.2.1 | -1.74477 | 6.581912 | 3.63E-05 | 0.000378 | 2179 | 4251 | 2457 | 5751 | 6657 | 4112 |
| Solyc01g006650.1.1 | -1.74419 | 2.816867 | 0.000961 | 0.006128 | 224 | 224 | 157 | 496 | 389 | 298 |
| Solyc03g123700.2.1 | -1.74409 | 5.547778 | 0.000326 | 0.00247 | 1743 | 1213 | 909 | 3192 | 2664 | 2032 |
| Solyc01g111980.2.1 | -1.74387 | 8.608357 | 0.000283 | 0.002188 | 7024 | 23443 | 8431 | 28554 | 25063 | 13773 |
| Solyc11g066770.1.1 | -1.74249 | 5.736991 | 1.67E-05 | 0.000191 | 1261 | 2329 | 1337 | 2868 | 4313 | 2206 |
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| Solyc02g063160.2.1 | -1.74077 | 5.191069 | 1.21E-05 | 0.000144 | 1027 | 1341 | 878 | 2186 | 2598 | 1534 |
| Solyc04g077980.1.1 | -1.7385 | 8.72465 | 0.000284 | 0.002194 | 7622 | 27496 | 7901 | 23839 | 32800 | 17415 |
| Solyc03g083160.1.1 | -1.73846 | 1.913461 | 0.001524 | 0.009073 | 76 | 169 | 106 | 211 | 271 | 165 |
| Solyc06g075370.2.1 | -1.73789 | 5.223552 | 8.13E-06 | 0.000102 | 718 | 1823 | 1026 | 2165 | 2930 | 1467 |
| Solyc09g090110.2.1 | -1.7354 | 6.526892 | 6.73E-05 | 0.000644 | 1567 | 4414 | 2855 | 4172 | 7498 | 4420 |
| Solyc04g081550.2.1 | -1.73165 | 7.643153 | 0.000235 | 0.001868 | 2792 | 11131 | 5981 | 8722 | 15871 | 10054 |
| Solyc06g083750.2.1 | -1.73162 | 4.289931 | 2.19E-05 | 0.000241 | 395 | 755 | 645 | 897 | 1419 | 1023 |
| Solyc10g085300.1.1 | -1.73136 | 5.594543 | 7.99E-05 | 0.000746 | 1615 | 1703 | 909 | 2860 | 3535 | 1989 |
| Solyc03g095730.2.1 | -1.73066 | 6.466226 | 3.97E-05 | 0.00041 | 2144 | 3485 | 2437 | 4317 | 6677 | 4267 |
| Solyc10g007280.2.1 | -1.73042 | 7.248585 | 0.000247 | 0.001952 | 4691 | 6589 | 2572 | 9531 | 10870 | 5981 |
| Solyc02g083860.2.1 | -1.72999 | 4.869181 | 5.36E-05 | 0.00053 | 436 | 1870 | 684 | 1530 | 1994 | 1448 |
| Solyc01g005560.2.1 | -1.7298 | 9.765368 | 0.000136 | 0.001179 | 24599 | 30309 | 22250 | 46543 | 69173 | 36725 |
| Solyc04g049350.2.1 | -1.72946 | 9.87425 | 0.000104 | 0.000938 | 21050 | 41263 | 25338 | 59837 | 66174 | 36614 |
| Solyc11g010500.1.1 | -1.72624 | 7.876009 | 0.000408 | 0.002974 | 4291 | 14217 | 5110 | 9464 | 25575 | 8425 |
| Solyc12g008500.1.1 | -1.72604 | 7.781251 | 0.000116 | 0.001027 | 5531 | 10621 | 4626 | 11838 | 18391 | 8679 |
| Solyc07g026660.2.1 | -1.72529 | 3.771069 | 0.000438 | 0.003163 | 415 | 341 | 400 | 632 | 718 | 864 |
| Solyc01g097350.2.1 | -1.7242 | 5.816854 | 3.87E-05 | 0.0004 | 1497 | 2352 | 1325 | 3580 | 3817 | 2292 |
| Solyc10g009060.1.1 | -1.72398 | 5.093228 | 9.02E-06 | 0.000112 | 759 | 1715 | 799 | 2022 | 2677 | 1294 |
| Solyc05g010260.2.1 | -1.72279 | 6.138695 | 4.82E-05 | 0.000483 | 1269 | 3081 | 2317 | 4243 | 5230 | 2787 |
| Solyc03g117020.2.1 | -1.72214 | 7.055824 | 0.000131 | 0.001136 | 2524 | 4911 | 4801 | 8634 | 8314 | 5661 |
| Solyc04g077270.2.1 | -1.72156 | 7.408456 | 0.00021 | 0.001697 | 4494 | 8243 | 3304 | 11744 | 10100 | 6940 |
| Solyc12g019320.1.1 | -1.72049 | 7.543634 | 0.000122 | 0.001072 | 5203 | 6826 | 4724 | 10950 | 14963 | 6965 |
| Solyc08g076530.2.1 | -1.72049 | 4.675886 | 2.08E-05 | 0.000231 | 644 | 924 | 738 | 1717 | 1541 | 1069 |
| Solyc05g015470.1.1 | -1.71996 | 5.419547 | 5.05E-05 | 0.000503 | 1397 | 1515 | 864 | 2222 | 3590 | 1739 |
| Solyc08g077290.1.1 | -1.71904 | 4.685734 | 1.28E-05 | 0.000151 | 557 | 1060 | 775 | 1093 | 2145 | 1250 |
| Solyc04g079120.2.1 | -1.71677 | 5.676779 | 0.000206 | 0.001667 | 1861 | 1478 | 1015 | 2793 | 4128 | 2058 |
| Solyc06g060230.2.1 | -1.71636 | 7.958479 | 0.000101 | 0.000912 | 5074 | 11373 | 7205 | 11264 | 18178 | 13003 |
| Solyc09g011920.2.1 | -1.71611 | 6.616071 | 6.08E-05 | 0.000592 | 2660 | 3831 | 2441 | 5399 | 7212 | 4321 |
| Solyc02g083460.2.1 | -1.71424 | 6.885048 | 0.000144 | 0.001228 | 2859 | 5840 | 2601 | 5155 | 11928 | 4430 |
| Solyc04g011520.2.1 | -1.71021 | 7.082991 | 0.000141 | 0.001211 | 4114 | 5389 | 2808 | 7383 | 9996 | 6005 |
| Solyc07g017860.2.1 | -1.70747 | 5.256935 | 7.50E-05 | 0.000707 | 848 | 1733 | 1046 | 3122 | 2011 | 1310 |
| Solyc04g080170.2.1 | -1.70717 | 5.834651 | 0.000151 | 0.001278 | 1901 | 2019 | 1138 | 3028 | 4914 | 2178 |
| Solyc07g064270.2.1 | -1.70616 | 6.988521 | 0.000139 | 0.001193 | 2127 | 5754 | 4342 | 5410 | 10125 | 6398 |
| Solyc11g072270.1.1 | -1.70568 | 5.15649 | 1.14E-05 | 0.000137 | 858 | 1365 | 1056 | 2072 | 2873 | 1327 |
| Solyc11g044610.1.1 | -1.70392 | 5.003762 | 0.000216 | 0.001734 | 999 | 823 | 929 | 1887 | 1474 | 1816 |
| RRNA_SL2.40sc03714_1 | -1.70252 | 5.422889 | 0.000126 | 0.001101 | 1133 | 1167 | 1454 | 1990 | 2450 | 2585 |
| Solyc07g053980.2.1 | -1.70204 | 7.133313 | 7.52E-05 | 0.000709 | 3188 | 6570 | 3657 | 7999 | 11013 | 5523 |
| Solyc06g061190.1.1 | -1.7011 | 4.950087 | 1.54E-05 | 0.000178 | 780 | 1434 | 716 | 1902 | 2442 | 1088 |
| Solyc01g107780.1.1 | -1.70006 | 6.843848 | 0.000754 | 0.00501 | 2894 | 6652 | 1835 | 3439 | 10305 | 6294 |
| Solyc06g051730.2.1 | -1.69984 | 5.606286 | 0.000141 | 0.001208 | 1595 | 1724 | 1021 | 3468 | 3252 | 1677 |
| Solyc01g108120.2.1 | -1.69914 | 4.793986 | 8.09E-06 | 0.000101 | 617 | 1264 | 762 | 1426 | 2200 | 1199 |
| Solyc06g076130.2.1 | -1.69777 | 6.378111 | 0.00012 | 0.001056 | 2126 | 4328 | 1610 | 5178 | 6151 | 3122 |
| Solyc07g062500.2.1 | -1.69736 | 7.537769 | 0.000731 | 0.004873 | 3984 | 8550 | 5265 | 4601 | 19972 | 9047 |
| Solyc11g021170.1.1 | -1.69616 | 4.398211 | 0.000275 | 0.002137 | 672 | 532 | 604 | 1187 | 1040 | 1191 |
| Solyc04g010300.2.1 | -1.69599 | 3.34322 | 0.000358 | 0.002659 | 242 | 538 | 210 | 728 | 649 | 358 |
| Solyc05g008510.2.1 | -1.69312 | 5.846157 | 0.000116 | 0.001024 | 1660 | 2461 | 1229 | 3989 | 3461 | 2279 |
| Solyc02g086120.2.1 | -1.69284 | 2.327208 | 0.001552 | 0.009207 | 91 | 217 | 170 | 220 | 462 | 207 |
| Solyc12g010690.1.1 | -1.69164 | 4.593321 | 1.31E-05 | 0.000154 | 538 | 1160 | 631 | 1235 | 1964 | 1015 |

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|--------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc11g066760.1.1 | -1.69012 | 5.367167 | 1.18E-05 | 0.000141 | 964 | 1761 | 1171 | 2100 | 3503 | 1662 |
| Solyc01g106890.2.1 | -1.68886 | 4.290818 | 0.000468 | 0.003341 | 736 | 696 | 299 | 1195 | 1130 | 931 |
| Solyc10g083720.1.1 | -1.68701 | 8.411531 | 0.000148 | 0.001255 | 8807 | 14332 | 8790 | 21817 | 24247 | 12748 |
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| Solyc05g053400.1.1 | -1.68428 | 2.845988 | 0.001529 | 0.009101 | 103 | 383 | 235 | 231 | 653 | 371 |
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| Solyc04g063280.2.1 | -1.68164 | 7.22084 | 0.000103 | 0.000929 | 3267 | 7223 | 4017 | 7502 | 12799 | 5981 |
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| Solyc07g005860.2.1 | -1.67975 | 5.362079 | 1.59E-05 | 0.000182 | 788 | 1892 | 1312 | 2322 | 3125 | 1672 |
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| Solyc04g012160.2.1 | -1.67728 | 7.324379 | 0.000259 | 0.002025 | 2987 | 9112 | 4135 | 11230 | 10119 | 5931 |
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| Solyc11g045210.1.1 | -1.6747 | 4.628131 | 2.59E-05 | 0.00028 | 698 | 1028 | 586 | 1444 | 1663 | 1087 |
| Solyc07g065650.2.1 | -1.67461 | 7.068842 | 9.31E-05 | 0.00085 | 2999 | 5668 | 4115 | 6469 | 10254 | 6324 |
| Solyc10g081850.1.1 | -1.67368 | 6.440555 | 0.000163 | 0.001365 | 2637 | 3649 | 1813 | 5502 | 5992 | 3387 |
| Solyc07g006790.2.1 | -1.67333 | 8.339997 | 0.00012 | 0.001055 | 7205 | 14175 | 9680 | 18739 | 22267 | 14149 |
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| Solyc12g013620.1.1 | -1.673 | 8.187734 | 0.000157 | 0.001322 | 5481 | 14654 | 8748 | 16880 | 23406 | 10767 |
| Solyc02g094030.2.1 | -1.67286 | 6.961293 | 0.000651 | 0.004418 | 1608 | 7492 | 3865 | 4352 | 10637 | 6563 |
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| Solyc06g061180.1.1 | -1.66907 | 5.443959 | 3.57E-05 | 0.000373 | 1050 | 2365 | 911 | 2496 | 2937 | 1943 |
| Solyc02g078540.2.1 | -1.666 | 7.496611 | 0.000136 | 0.001174 | 4286 | 7893 | 5123 | 10017 | 15098 | 6649 |
| Solyc05g050970.2.1 | -1.664 | 7.535341 | 0.000241 | 0.001911 | 4321 | 7857 | 5540 | 13185 | 10529 | 7344 |
| Solyc12g042360.1.1 | -1.66349 | 5.390422 | 1.59E-05 | 0.000183 | 946 | 1885 | 1221 | 2506 | 3130 | 1611 |
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| Solyc02g082510.1.1 | -1.66121 | 7.349649 | 0.000138 | 0.001189 | 3506 | 7793 | 4691 | 8479 | 14148 | 6154 |
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| Solyc10g078490.1.1 | -1.65753 | 6.530029 | 0.00016 | 0.001343 | 2702 | 3446 | 2403 | 5873 | 5729 | 3930 |
| Solyc08g007190.2.1 | -1.65706 | 4.840308 | 1.45E-05 | 0.000168 | 610 | 1383 | 825 | 1485 | 2310 | 1180 |
| Solyc06g082780.2.1 | -1.65555 | 3.782188 | 0.000464 | 0.003318 | 407 | 692 | 237 | 1021 | 829 | 476 |
| Solyc01g098910.2.1 | -1.65537 | 6.880261 | 0.000137 | 0.001179 | 2868 | 5036 | 3380 | 7748 | 8385 | 4167 |
| Solyc05g008920.2.1 | -1.65533 | 5.590487 | 4.43E-05 | 0.000449 | 901 | 2521 | 1424 | 2834 | 3883 | 1713 |
| Solyc01g106420.2.1 | -1.65472 | 5.192076 | 2.59E-05 | 0.00028 | 846 | 1799 | 952 | 2404 | 2406 | 1404 |
| Solyc03g044260.2.1 | -1.65471 | 6.833923 | 0.000151 | 0.001284 | 2195 | 5541 | 3575 | 4876 | 8673 | 5853 |
| Solyc11g005670.1.1 | -1.65448 | 8.839648 | 0.001047 | 0.006586 | 15672 | 21290 | 6483 | 20190 | 38330 | 20993 |
| Solyc08g082610.2.1 | -1.64913 | 9.198749 | 0.00025 | 0.001966 | 11160 | 33406 | 15660 | 31868 | 47156 | 23158 |
| Solyc05g007460.2.1 | -1.64596 | 5.88113 | 0.000554 | 0.003841 | 2240 | 1957 | 1076 | 3644 | 4179 | 2269 |
| Solyc07g064290.2.1 | -1.64546 | 5.770063 | 7.54E-05 | 0.00071 | 1490 | 2289 | 1417 | 3396 | 3901 | 2064 |
| Solyc10g076360.1.1 | -1.64458 | 4.692581 | 6.14E-05 | 0.000596 | 804 | 1005 | 601 | 1540 | 1579 | 1188 |
| Solyc12g088370.1.1 | -1.64383 | 5.995372 | 0.000129 | 0.001125 | 1905 | 2810 | 1374 | 3719 | 4902 | 2418 |
| Solyc01g103770.2.1 | -1.64194 | 3.051921 | 0.000589 | 0.004051 | 141 | 440 | 261 | 459 | 615 | 344 |
| Solyc11g071330.1.1 | -1.64044 | 4.990822 | 1.68E-05 | 0.000192 | 744 | 1493 | 884 | 1928 | 2168 | 1300 |
| Solyc03g043640.2.1 | -1.63982 | 3.081299 | 0.00081 | 0.005316 | 152 | 448 | 258 | 353 | 839 | 322 |
| Solyc06g053230.2.1 | -1.63809 | 6.179282 | 0.000338 | 0.002544 | 2526 | 2317 | 1689 | 4428 | 5225 | 2771 |
| Solyc03g019680.2.1 | -1.63757 | 6.814361 | 0.000331 | 0.002504 | 3588 | 4392 | 2536 | 7491 | 7797 | 3988 |
| Solyc01g103470.2.1 | -1.63743 | 3.334011 | 0.000979 | 0.006227 | 332 | 474 | 161 | 562 | 611 | 494 |
| Solyc06g065210.2.1 | -1.63675 | 5.431205 | 0.000583 | 0.004016 | 1585 | 1449 | 863 | 3379 | 2548 | 1368 |
| Solyc09g075730.2.1 | -1.63595 | 2.643323 | 0.001605 | 0.009453 | 202 | 267 | 121 | 310 | 476 | 279 |
| Solyc06g082070.2.1 | -1.63452 | 3.833397 | 0.000252 | 0.001983 | 400 | 410 | 483 | 656 | 1007 | 729 |
| Solyc01g110150.2.1 | -1.63337 | 5.273366 | 0.000279 | 0.002161 | 1083 | 1267 | 1218 | 3169 | 2073 | 1231 |
| Solyc10g006540.2.1 | -1.63235 | 6.813912 | 0.000169 | 0.001412 | 3138 | 4793 | 2862 | 6943 | 8243 | 4159 |
| Solyc01g006150.2.1 | -1.63082 | 6.937513 | 0.000156 | 0.001315 | 3448 | 5031 | 3212 | 6131 | 9883 | 5172 |
| Solyc05g008200.2.1 | -1.63079 | 7.921923 | 0.000196 | 0.001603 | 5749 | 10626 | 7259 | 14904 | 16017 | 10023 |
| Solyc09g005920.2.1 | -1.62997 | 6.016033 | 9.39E-05 | 0.000856 | 1753 | 2711 | 1746 | 4003 | 4528 | 2503 |
| Solyc01g102290.2.1 | -1.62955 | 7.400285 | 0.001121 | 0.006997 | 6420 | 6371 | 2728 | 8687 | 14396 | 6483 |
| Solyc06g051720.2.1 | -1.62941 | 5.846827 | 8.79E-05 | 0.000808 | 1156 | 2510 | 1990 | 3459 | 4069 | 2283 |
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| Solyc07g054060.2.1 | -1.62813 | 3.633661 | 0.001565 | 0.009262 | 456 | 337 | 303 | 460 | 1379 | 431 |
| Solyc04g074940.2.1 | -1.62635 | 4.37955 | 0.00012 | 0.001055 | 557 | 803 | 616 | 1500 | 1104 | 832 |
| Solyc11g044470.1.1 | -1.62544 | 4.838708 | 4.59E-05 | 0.000463 | 587 | 1408 | 876 | 1144 | 2650 | 1237 |
| Solyc02g089630.2.1 | -1.62507 | 7.741896 | 0.000778 | 0.005142 | 2618 | 12431 | 7565 | 11670 | 15606 | 9181 |
| Solyc04g064810.2.1 | -1.62469 | 6.211157 | 9.39E-05 | 0.000856 | 1576 | 3480 | 2311 | 4065 | 5931 | 2847 |
| Solyc01g091030.2.1 | -1.62424 | 6.097241 | 0.000226 | 0.001809 | 2279 | 2454 | 1603 | 3393 | 5025 | 3189 |
| Solyc02g021440.2.1 | -1.62392 | 8.357464 | 0.00033 | 0.002496 | 9779 | 14261 | 7507 | 20121 | 24344 | 11985 |
| Solyc06g024290.1.1 | -1.62167 | 4.299809 | 0.000481 | 0.003417 | 575 | 529 | 675 | 1118 | 923 | 1101 |
| Solyc04g007990.1.1 | -1.62049 | 4.706374 | 0.000838 | 0.005465 | 310 | 918 | 1318 | 1622 | 1674 | 1085 |
| Solyc11g071600.1.1 | -1.62045 | 3.522514 | 0.000594 | 0.004077 | 228 | 786 | 221 | 531 | 901 | 530 |
| Solyc04g080090.2.1 | -1.6196 | 4.617962 | 2.95E-05 | 0.000315 | 588 | 1159 | 685 | 1467 | 1767 | 956 |
| Solyc12g044910.1.1 | -1.61887 | 4.740949 | 3.35E-05 | 0.000354 | 638 | 1125 | 840 | 1668 | 1847 | 1027 |
| Solyc04g007530.2.1 | -1.61664 | 4.373362 | 7.93E-05 | 0.000741 | 591 | 901 | 513 | 930 | 1940 | 796 |
| Solyc10g081570.1.1 | -1.61403 | 5.034257 | 7.43E-05 | 0.000703 | 934 | 1670 | 660 | 1764 | 2841 | 1151 |
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| Solyc05g054550.2.1 | -1.61202 | 5.05961 | 3.79E-05 | 0.000393 | 957 | 1273 | 939 | 2060 | 2161 | 1377 |
| Solyc06g011490.2.1 | -1.60545 | 3.747182 | 0.001186 | 0.007333 | 272 | 467 | 550 | 365 | 1086 | 804 |
| Solyc03g123730.2.1 | -1.60349 | 6.756482 | 0.001536 | 0.009132 | 3475 | 4185 | 2592 | 9473 | 5193 | 3225 |
| Solyc02g089400.2.1 | -1.60322 | 7.218528 | 0.001174 | 0.007269 | 5620 | 4996 | 3030 | 10114 | 10073 | 5144 |
| Solyc12g011330.2.1 | -1.60249 | 6.400309 | 0.000197 | 0.00161 | 2317 | 3658 | 2274 | 5596 | 5745 | 3010 |
| Solyc04g008260.2.1 | -1.60058 | 3.391453 | 0.000861 | 0.005593 | 253 | 438 | 335 | 332 | 1085 | 451 |
| Solyc01g094550.2.1 | -1.59939 | 6.80367 | 0.000177 | 0.001468 | 2610 | 4994 | 3488 | 6867 | 7805 | 4290 |
| Solyc11g011780.1.1 | -1.59559 | 6.11503 | 0.000879 | 0.005691 | 2416 | 2755 | 1407 | 2476 | 4674 | 4205 |

| | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|-------|--------|--------|--------|--------|--------|
| Solyc01g107290.2.1 | -1.59554 | 4.780367 | 4.21E-05 | 0.00043 | 698 | 1347 | 716 | 1708 | 1732 | 1144 |
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| Solyc07g055710.2.1 | -1.58534 | 6.72436 | 0.000378 | 0.002785 | 2872 | 5905 | 2122 | 5684 | 8547 | 4021 |
| Solyc08g016210.2.1 | -1.58511 | 6.675641 | 0.001249 | 0.007655 | 2276 | 6508 | 2164 | 2928 | 8665 | 5745 |
| Solyc05g007490.2.1 | -1.58473 | 4.813129 | 0.000103 | 0.000931 | 665 | 1037 | 1025 | 1924 | 1781 | 1014 |
| Solyc05g009730.1.1 | -1.58422 | 3.361907 | 0.001573 | 0.009306 | 218 | 385 | 401 | 293 | 895 | 562 |
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| Solyc03g098220.2.1 | -1.5824 | 7.888573 | 0.000956 | 0.006103 | 8359 | 8928 | 5150 | 15866 | 15339 | 8660 |
| Solyc06g076350.2.1 | -1.57441 | 4.122245 | 0.000333 | 0.00252 | 523 | 530 | 577 | 1173 | 1148 | 612 |
| Solyc01g104970.2.1 | -1.57344 | 7.262013 | 0.00035 | 0.002614 | 4544 | 7006 | 3699 | 8700 | 11428 | 5998 |
| Solyc02g087950.2.1 | -1.57312 | 4.028921 | 0.000132 | 0.001143 | 466 | 756 | 406 | 990 | 1158 | 615 |
| Solyc02g088200.2.1 | -1.56827 | 5.313617 | 6.59E-05 | 0.000633 | 738 | 2090 | 1335 | 1871 | 2991 | 1842 |
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| RRNA_SL2.40sc06977_2 | -1.56705 | 5.867015 | 0.000377 | 0.00278 | 1918 | 2055 | 1575 | 2636 | 3779 | 3145 |
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| Solyc11g044620.1.1 | -1.56657 | 4.696044 | 0.000728 | 0.004862 | 878 | 688 | 810 | 1481 | 1210 | 1413 |
| Solyc01g017490.1.1 | -1.56565 | 3.850182 | 0.001483 | 0.008861 | 479 | 352 | 482 | 795 | 689 | 799 |
| Solyc02g072300.2.1 | -1.56542 | 7.612891 | 0.000309 | 0.002355 | 4973 | 9314 | 5569 | 11536 | 14204 | 7471 |
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| Solyc11g072530.1.1 | -1.56086 | 5.97344 | 0.000142 | 0.001214 | 1507 | 3212 | 1768 | 3319 | 5150 | 2360 |
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| Solyc08g082820.2.1 | -1.55097 | 8.999027 | 0.001151 | 0.00715 | 9432 | 21261 | 21291 | 33644 | 26790 | 22500 |
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| Solyc04g007520.2.1 | -1.54789 | 5.314274 | 0.000139 | 0.001192 | 646 | 2381 | 1303 | 2071 | 3052 | 1628 |
| Solyc01g086640.2.1 | -1.5477 | 6.019601 | 0.000495 | 0.003486 | 2165 | 3075 | 1265 | 3142 | 5351 | 2630 |
| Solyc05g052790.2.1 | -1.54689 | 5.325988 | 5.11E-05 | 0.000509 | 1052 | 1796 | 1205 | 2276 | 2938 | 1567 |
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| Solyc12g006200.1.1 | -1.54506 | 4.281465 | 8.95E-05 | 0.000821 | 426 | 912 | 662 | 1011 | 1408 | 842 |
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| Solyc03g118810.1.1 | -1.53776 | 6.816294 | 0.001038 | 0.006535 | 3468 | 6214 | 2059 | 7525 | 7354 | 3986 |
| Solyc02g069350.2.1 | -1.53746 | 4.119058 | 9.92E-05 | 0.000898 | 441 | 796 | 535 | 838 | 1367 | 739 |
| Solyc08g065860.2.1 | -1.5373 | 4.693 | 6.77E-05 | 0.000647 | 707 | 1223 | 711 | 1216 | 2051 | 1118 |
| Solyc09g011230.2.1 | -1.537 | 5.205834 | 0.000107 | 0.00096 | 1127 | 1514 | 1017 | 2107 | 2269 | 1674 |
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| Solyc02g082920.2.1 | -1.5358 | 11.8165 | 0.000885 | 0.005725 | 79773 | 189770 | 110816 | 132891 | 337041 | 156614 |
| Solyc02g086360.2.1 | -1.53557 | 4.45385 | 0.000374 | 0.00276 | 794 | 904 | 447 | 1186 | 1756 | 808 |
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| Solyc12g014350.1.1 | -1.53389 | 7.805683 | 0.000485 | 0.003439 | 5584 | 11395 | 6344 | 13915 | 14380 | 8859 |
| Solyc07g052790.1.1 | -1.53332 | 5.110092 | 0.000533 | 0.003727 | 639 | 2226 | 956 | 1053 | 3340 | 1608 |
| Solyc03g121860.1.1 | -1.52635 | 6.635846 | 0.000292 | 0.002248 | 2657 | 4992 | 2683 | 5404 | 7262 | 4051 |
| Solyc04g008010.2.1 | -1.52549 | 5.840525 | 0.000191 | 0.001567 | 1317 | 3029 | 1715 | 3380 | 4029 | 2205 |
| Solyc01g007980.2.1 | -1.52501 | 5.946396 | 0.000673 | 0.004546 | 2200 | 2625 | 1282 | 3602 | 3741 | 2745 |
| Solyc11g011190.1.1 | -1.52266 | 5.730415 | 0.000206 | 0.00167 | 1099 | 3084 | 1569 | 2420 | 3892 | 2527 |
| Solyc03g120390.2.1 | -1.52253 | 6.255381 | 0.000239 | 0.001895 | 1709 | 4156 | 2281 | 4058 | 5616 | 3159 |
| Solyc09g005910.2.1 | -1.52193 | 7.363708 | 0.000543 | 0.003781 | 4936 | 7288 | 4440 | 9748 | 11844 | 6151 |
| Solyc05g013450.2.1 | -1.51922 | 6.06979 | 0.000227 | 0.00181 | 1468 | 3268 | 2305 | 3250 | 5056 | 2963 |
| Solyc02g021600.1.1 | -1.51905 | 4.776906 | 0.000105 | 0.000945 | 534 | 1551 | 881 | 1560 | 1810 | 1164 |
| Solyc11g022540.1.1 | -1.51572 | 6.751634 | 0.000347 | 0.002598 | 2478 | 5412 | 3457 | 6093 | 8238 | 3957 |
| Solyc05g008070.2.1 | -1.51549 | 3.725645 | 0.000703 | 0.004716 | 441 | 655 | 259 | 701 | 1004 | 525 |
| Solyc02g088690.2.1 | -1.51524 | 7.270575 | 0.000652 | 0.004421 | 3403 | 8679 | 4553 | 9472 | 12047 | 4926 |
| Solyc01g100290.2.1 | -1.51435 | 4.608924 | 9.52E-05 | 0.000866 | 584 | 1169 | 790 | 1452 | 1732 | 911 |
| Solyc07g047800.2.1 | -1.51401 | 9.1007 | 0.000925 | 0.005954 | 17404 | 24564 | 13662 | 35254 | 36428 | 19931 |
| Solyc02g089730.1.1 | -1.51396 | 3.546908 | 0.000413 | 0.003009 | 253 | 610 | 378 | 655 | 827 | 469 |
| Solyc01g067000.2.1 | -1.51382 | 6.806744 | 0.000426 | 0.003092 | 3030 | 6044 | 2769 | 6143 | 8472 | 4309 |
| Solyc02g071520.2.1 | -1.51378 | 4.347207 | 0.000605 | 0.004143 | 323 | 1094 | 786 | 721 | 1665 | 1031 |
| Solyc01g079410.2.1 | -1.5137 | 3.201242 | 0.001558 | 0.009235 | 196 | 436 | 329 | 649 | 548 | 319 |
| Solyc01g094050.1.1 | -1.51328 | 5.254022 | 0.000158 | 0.001327 | 923 | 1991 | 1123 | 2625 | 2436 | 1295 |
| Solyc11g011220.1.1 | -1.51119 | 6.360573 | 0.000293 | 0.002251 | 2176 | 3699 | 2571 | 4708 | 5196 | 3586 |
| Solyc11g012510.1.1 | -1.50915 | 5.707156 | 0.000599 | 0.004106 | 868 | 3568 | 1502 | 2192 | 4626 | 2164 |
| Solyc02g090740.2.1 | -1.50826 | 4.397392 | 0.00011 | 0.000979 | 596 | 923 | 630 | 1142 | 1531 | 854 |
| Solyc10g084140.1.1 | -1.50714 | 7.003927 | 0.000401 | 0.002929 | 3446 | 6402 | 3586 | 7266 | 9547 | 4835 |
| Solyc08g013900.2.1 | -1.50652 | 6.253909 | 0.00085 | 0.005537 | 2811 | 3008 | 1698 | 4233 | 5784 | 2831 |
| Solyc10g047140.1.1 | -1.50646 | 6.783635 | 0.00054 | 0.003764 | 3479 | 4911 | 2808 | 6452 | 7652 | 4287 |
| Solyc02g082830.1.1 | -1.50534 | 6.197975 | 0.000961 | 0.006127 | 1172 | 4094 | 2771 | 2743 | 6503 | 3309 |
| Solyc01g108200.2.1 | -1.50484 | 5.124797 | 0.00043 | 0.003114 | 1058 | 1459 | 1006 | 2632 | 1695 | 1296 |
| Solyc12g009230.1.1 | -1.50411 | 3.846504 | 0.000258 | 0.002018 | 380 | 674 | 437 | 752 | 921 | 675 |
| Solyc12g096050.1.1 | -1.50321 | 5.762222 | 0.000262 | 0.002051 | 1564 | 2357 | 1616 | 3272 | 3664 | 2091 |

| | | | | | | | | | | |
|----------------------|----------|----------|----------|----------|-------|-------|-------|-------|--------|-------|
| Solyc10g086420.1.1 | -1.50145 | 7.107652 | 0.000545 | 0.003791 | 3578 | 7295 | 3781 | 6096 | 12082 | 5517 |
| Solyc11g066060.1.1 | -1.50026 | 8.985454 | 0.001148 | 0.007138 | 8657 | 29973 | 17488 | 30875 | 35458 | 18547 |
| Solyc04g082480.2.1 | -1.4993 | 5.656653 | 0.000401 | 0.002929 | 861 | 3413 | 1466 | 2554 | 3727 | 2150 |
| Solyc12g005590.1.1 | -1.49915 | 4.641211 | 0.000172 | 0.001428 | 719 | 1096 | 739 | 1460 | 2006 | 807 |
| RRNA_SL2.40sc06977_1 | -1.49642 | 6.58229 | 0.001215 | 0.00748 | 2977 | 3000 | 3358 | 4557 | 5389 | 5297 |
| Solyc02g069720.2.1 | -1.4957 | 6.567484 | 0.000501 | 0.003529 | 3027 | 3920 | 2622 | 5057 | 6799 | 3949 |
| Solyc01g005680.2.1 | -1.49266 | 4.241023 | 0.000223 | 0.001787 | 548 | 726 | 628 | 940 | 1298 | 872 |
| Solyc06g076260.2.1 | -1.49217 | 5.645085 | 0.000157 | 0.001323 | 1427 | 2173 | 1535 | 2476 | 3735 | 2149 |
| Solyc09g075510.2.1 | -1.49214 | 4.608745 | 0.000139 | 0.001197 | 660 | 1331 | 618 | 1352 | 1647 | 1029 |
| Solyc03g006650.2.1 | -1.49089 | 6.518142 | 0.00038 | 0.002801 | 2432 | 4534 | 2691 | 5025 | 7125 | 3373 |
| Solyc06g072030.1.1 | -1.48915 | 5.925337 | 0.00032 | 0.002433 | 1693 | 2477 | 2026 | 3538 | 3870 | 2559 |
| Solyc10g084800.1.1 | -1.4886 | 7.496698 | 0.000645 | 0.004387 | 4966 | 8585 | 5332 | 10849 | 12776 | 6600 |
| Solyc08g069000.2.1 | -1.48859 | 5.942951 | 0.001391 | 0.0084 | 2242 | 2120 | 1645 | 4285 | 4278 | 1808 |
| Solyc01g008550.2.1 | -1.48834 | 8.87965 | 0.000843 | 0.005495 | 14311 | 19948 | 13785 | 28170 | 30248 | 19093 |
| Solyc01g098410.2.1 | -1.48724 | 4.135138 | 0.000449 | 0.003228 | 348 | 1016 | 569 | 645 | 1359 | 906 |
| Solyc01g105100.2.1 | -1.48673 | 7.111228 | 0.000508 | 0.003571 | 3630 | 7031 | 4014 | 8061 | 9676 | 5305 |
| Solyc12g088440.1.1 | -1.48643 | 4.815065 | 0.000159 | 0.001338 | 801 | 1389 | 766 | 1773 | 1992 | 957 |
| Solyc05g026050.2.1 | -1.48261 | 5.646333 | 0.000157 | 0.001324 | 1309 | 2418 | 1552 | 2750 | 3753 | 1910 |
| Solyc03g117110.2.1 | -1.48103 | 5.291459 | 0.000343 | 0.002578 | 1213 | 1609 | 1161 | 2778 | 2321 | 1335 |
| Solyc11g068710.1.1 | -1.48082 | 6.484962 | 0.000945 | 0.006049 | 2464 | 5677 | 1771 | 5040 | 6305 | 3551 |
| Solyc10g007010.1.1 | -1.48041 | 3.653631 | 0.00077 | 0.005094 | 271 | 729 | 383 | 466 | 1009 | 622 |
| Solyc07g063950.2.1 | -1.47935 | 3.96869 | 0.000311 | 0.002371 | 313 | 802 | 575 | 780 | 1143 | 676 |
| Solyc06g082650.2.1 | -1.4776 | 8.400846 | 0.000673 | 0.004544 | 7872 | 17556 | 10973 | 15631 | 25172 | 15343 |
| Solyc04g077290.1.1 | -1.47473 | 3.492393 | 0.00077 | 0.005099 | 252 | 526 | 414 | 501 | 953 | 456 |
| Solyc04g009800.2.1 | -1.47439 | 6.416977 | 0.000463 | 0.00331 | 2591 | 3659 | 2537 | 4760 | 5834 | 3518 |
| Solyc02g069240.1.1 | -1.47333 | 4.084999 | 0.000461 | 0.0033 | 334 | 971 | 570 | 642 | 1347 | 834 |
| Solyc03g007470.2.1 | -1.47272 | 6.728486 | 0.001308 | 0.007962 | 3714 | 4245 | 2728 | 7013 | 6023 | 4166 |
| Solyc09g075020.2.1 | -1.47207 | 10.5031 | 0.00126 | 0.007709 | 36724 | 85279 | 37589 | 59474 | 128326 | 60225 |
| Solyc03g121070.2.1 | -1.47191 | 6.252559 | 0.000998 | 0.006327 | 1220 | 4041 | 3131 | 4433 | 4840 | 3195 |
| Solyc05g052210.2.1 | -1.47083 | 5.023749 | 0.00019 | 0.001564 | 763 | 1999 | 860 | 1352 | 2744 | 1407 |
| Solyc11g005350.1.1 | -1.46944 | 4.236533 | 0.000853 | 0.005553 | 663 | 659 | 544 | 697 | 1466 | 955 |
| Solyc11g065000.1.1 | -1.46908 | 6.603698 | 0.000557 | 0.003857 | 2289 | 5539 | 2855 | 5673 | 6011 | 4149 |
| Solyc07g008170.2.1 | -1.46873 | 5.044054 | 0.000123 | 0.001081 | 872 | 1753 | 929 | 1969 | 2101 | 1333 |
| Solyc11g040110.1.1 | -1.46604 | 6.357822 | 0.000546 | 0.003794 | 1630 | 4400 | 2964 | 3888 | 5851 | 3770 |
| Solyc10g079260.1.1 | -1.46572 | 5.724675 | 0.000238 | 0.001891 | 1296 | 2704 | 1692 | 2467 | 4114 | 2264 |
| Solyc07g049280.2.1 | -1.46513 | 4.270934 | 0.000258 | 0.002018 | 414 | 894 | 749 | 994 | 1419 | 796 |
| Solyc12g009990.1.1 | -1.465 | 8.316892 | 0.001549 | 0.009194 | 10265 | 14301 | 8469 | 22315 | 19797 | 10506 |
| Solyc08g066870.2.1 | -1.46123 | 7.481357 | 0.001123 | 0.007003 | 5848 | 8425 | 4397 | 10010 | 13754 | 6363 |
| Solyc11g010390.1.1 | -1.45943 | 3.781902 | 0.000392 | 0.002881 | 329 | 669 | 474 | 744 | 889 | 606 |
| Solyc09g075910.1.1 | -1.45935 | 5.053642 | 0.001252 | 0.007671 | 1029 | 2204 | 483 | 1862 | 2420 | 1256 |
| Solyc03g119420.2.1 | -1.45837 | 5.712314 | 0.000247 | 0.001952 | 1247 | 2758 | 1694 | 2353 | 3938 | 2393 |
| Solyc11g017190.1.1 | -1.45673 | 3.624775 | 0.000492 | 0.003476 | 310 | 614 | 399 | 620 | 890 | 527 |
| Solyc06g074840.2.1 | -1.45604 | 6.063497 | 0.000412 | 0.003003 | 2007 | 3097 | 1922 | 3434 | 5017 | 2701 |
| Solyc12g011130.1.1 | -1.45418 | 3.862636 | 0.001232 | 0.007566 | 552 | 512 | 378 | 858 | 976 | 560 |
| Solyc09g008340.2.1 | -1.45355 | 6.849519 | 0.000561 | 0.003879 | 3247 | 5487 | 3501 | 6126 | 7926 | 4906 |
| Solyc04g071510.2.1 | -1.45314 | 3.680559 | 0.000636 | 0.004337 | 275 | 717 | 425 | 545 | 1051 | 555 |
| Solyc06g009380.2.1 | -1.45276 | 7.747353 | 0.000845 | 0.005509 | 4847 | 10541 | 7823 | 11965 | 15026 | 8543 |
| Solyc08g077350.2.1 | -1.4526 | 6.17543 | 0.000464 | 0.003318 | 1570 | 3625 | 2654 | 3640 | 5051 | 3186 |
| Solyc01g087570.2.1 | -1.45211 | 3.955759 | 0.000438 | 0.003163 | 350 | 767 | 559 | 684 | 1351 | 606 |
| Solyc03g117950.2.1 | -1.45205 | 9.525016 | 0.000943 | 0.006043 | 19789 | 38413 | 21480 | 35546 | 59538 | 29112 |
| Solyc07g053910.2.1 | -1.45159 | 7.127932 | 0.001123 | 0.007003 | 4615 | 6613 | 3448 | 8521 | 9176 | 5309 |
| Solyc01g098160.2.1 | -1.4494 | 7.315151 | 0.000823 | 0.005389 | 4356 | 7747 | 4918 | 9625 | 9973 | 6374 |
| Solyc12g014600.1.1 | -1.44796 | 4.542815 | 0.00049 | 0.00347 | 723 | 895 | 766 | 1570 | 1397 | 834 |
| Solyc02g093360.2.1 | -1.44546 | 5.100236 | 0.000953 | 0.006089 | 546 | 2284 | 1157 | 1181 | 2940 | 1636 |
| Solyc07g064440.2.1 | -1.44515 | 6.265635 | 0.000669 | 0.004518 | 1698 | 4743 | 2257 | 3745 | 6425 | 2878 |
| Solyc04g072910.2.1 | -1.44506 | 7.37987 | 0.001565 | 0.009265 | 6072 | 7130 | 3919 | 8925 | 11693 | 6849 |
| Solyc06g074650.2.1 | -1.44299 | 7.432752 | 0.000874 | 0.005667 | 3962 | 10102 | 5256 | 8740 | 13333 | 6823 |
| Solyc12g006180.1.1 | -1.44285 | 5.209912 | 0.000298 | 0.002289 | 1182 | 1518 | 1123 | 2272 | 2524 | 1325 |
| Solyc06g050770.2.1 | -1.44113 | 7.113875 | 0.00071 | 0.004764 | 3684 | 6650 | 4519 | 7833 | 9735 | 5342 |
| Solyc10g050230.1.1 | -1.44044 | 5.226756 | 0.000159 | 0.001336 | 988 | 1970 | 1121 | 1987 | 2814 | 1442 |
| Solyc04g057880.2.1 | -1.43915 | 6.001996 | 0.000421 | 0.003056 | 1555 | 3582 | 1959 | 3225 | 4928 | 2547 |
| Solyc09g098130.1.1 | -1.43899 | 3.986381 | 0.000615 | 0.004207 | 298 | 958 | 543 | 680 | 1264 | 697 |
| Solyc03g113390.2.1 | -1.43857 | 6.438368 | 0.000792 | 0.005223 | 1851 | 5441 | 2590 | 3928 | 7206 | 3491 |
| Solyc02g088680.1.1 | -1.43767 | 3.87998 | 0.000561 | 0.003883 | 368 | 825 | 434 | 820 | 1193 | 482 |
| Solyc11g011610.1.1 | -1.43751 | 5.891663 | 0.000516 | 0.003617 | 1776 | 3109 | 1537 | 3364 | 3831 | 2475 |
| Solyc07g047720.2.1 | -1.43674 | 5.232432 | 0.000254 | 0.001994 | 774 | 1962 | 1412 | 1684 | 2994 | 1600 |
| Solyc08g080080.2.1 | -1.43666 | 4.965713 | 0.000274 | 0.002129 | 907 | 1344 | 1030 | 2017 | 2076 | 1065 |
| Solyc03g005300.2.1 | -1.43556 | 5.250311 | 0.000299 | 0.002293 | 1102 | 1768 | 1177 | 2507 | 2265 | 1409 |
| Solyc07g066070.2.1 | -1.43503 | 6.246506 | 0.001258 | 0.0077 | 2784 | 3113 | 1890 | 4562 | 4776 | 3021 |
| Solyc11g069690.1.1 | -1.43463 | 3.963945 | 0.000614 | 0.004199 | 331 | 803 | 581 | 637 | 1122 | 782 |
| Solyc01g100850.2.1 | -1.43452 | 4.454508 | 0.00093 | 0.005978 | 508 | 1051 | 814 | 1689 | 1179 | 683 |
| Solyc10g079420.1.1 | -1.43439 | 8.800532 | 0.001245 | 0.007633 | 14483 | 21024 | 11691 | 23319 | 31204 | 18755 |
| Solyc12g094550.1.1 | -1.43362 | 5.212934 | 0.000217 | 0.001741 | 1059 | 1685 | 1193 | 1763 | 3138 | 1386 |
| Solyc02g069710.2.1 | -1.43239 | 4.717141 | 0.000223 | 0.001784 | 803 | 1235 | 757 | 1392 | 2026 | 981 |
| Solyc05g014120.1.1 | -1.43199 | 3.271012 | 0.001541 | 0.009159 | 302 | 435 | 279 | 472 | 701 | 414 |
| Solyc01g111090.2.1 | -1.43171 | 6.104226 | 0.000441 | 0.003181 | 1783 | 3583 | 2154 | 3430 | 5055 | 2884 |
| Solyc01g100000.2.1 | -1.4287 | 4.712919 | 0.000334 | 0.002523 | 814 | 979 | 904 | 1476 | 1730 | 1072 |
| Solyc03g081220.1.1 | -1.4277 | 5.025417 | 0.00016 | 0.001342 | 873 | 1779 | 936 | 1498 | 2533 | 1382 |
| Solyc10g079710.1.1 | -1.42751 | 3.327247 | 0.001464 | 0.008768 | 225 | 587 | 316 | 549 | 769 | 359 |
| Solyc05g007190.2.1 | -1.4271 | 6.015114 | 0.000558 | 0.003863 | 1899 | 3187 | 1879 | 3774 | 4613 | 2337 |
| Solyc04g077920.2.1 | -1.42659 | 7.235863 | 0.000945 | 0.006049 | 4178 | 7657 | 4548 | 6891 | 12683 | 5884 |
| Solyc03g096810.2.1 | -1.4238 | 6.752795 | 0.000711 | 0.004769 | 2963 | 5769 | 3115 | 5487 | 8089 | 4318 |
| Solyc08g067810.2.1 | -1.42164 | 5.042854 | 0.000155 | 0.001308 | 872 | 1767 | 993 | 1598 | 2430 | 1405 |
| RRNA_11_13 | -1.42086 | 4.079962 | 0.000761 | 0.005041 | 517 | 704 | 552 | 606 | 1424 | 790 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|-------|-------|-------|-------|-------|
| Solyc01g112050.2.1 | -1.42048 | 6.61956 | 0.000888 | 0.005738 | 2674 | 5408 | 2796 | 5800 | 7303 | 3322 |
| Solyc01g094060.2.1 | -1.42038 | 6.593562 | 0.000707 | 0.004742 | 2468 | 5105 | 3074 | 5621 | 6472 | 3729 |
| Solyc04g082030.1.1 | -1.41908 | 6.849394 | 0.001578 | 0.009331 | 3979 | 4719 | 3276 | 6986 | 8727 | 3648 |
| Solyc11g013490.1.1 | -1.41742 | 5.561113 | 0.000304 | 0.002324 | 1387 | 2329 | 1391 | 2181 | 3763 | 1933 |
| Solyc12g098820.1.1 | -1.4173 | 6.770655 | 0.000794 | 0.005234 | 3201 | 5311 | 3277 | 5593 | 8365 | 4223 |
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| Solyc08g008490.2.1 | -1.41586 | 5.878488 | 0.000752 | 0.004999 | 1399 | 3629 | 1683 | 2426 | 5016 | 2456 |
| Solyc07g041010.2.1 | -1.41511 | 6.516009 | 0.000817 | 0.005353 | 2688 | 4271 | 2865 | 5437 | 5809 | 3620 |
| Solyc04g009380.1.1 | -1.41354 | 5.518639 | 0.001532 | 0.00911 | 1903 | 1730 | 1009 | 2521 | 3346 | 1722 |
| Solyc05g012070.2.1 | -1.41249 | 6.31609 | 0.000655 | 0.00444 | 1886 | 4197 | 2762 | 3680 | 5948 | 3489 |
| Solyc07g005200.2.1 | -1.41122 | 7.013125 | 0.000933 | 0.00599 | 3946 | 6009 | 3893 | 7067 | 9184 | 5023 |
| Solyc05g055480.2.1 | -1.41107 | 5.941441 | 0.000858 | 0.005584 | 1833 | 3049 | 1785 | 3982 | 3417 | 2434 |
| Solyc03g095710.2.1 | -1.40641 | 5.043966 | 0.000199 | 0.00162 | 844 | 1676 | 1113 | 1707 | 2619 | 1198 |
| Solyc06g059980.2.1 | -1.40467 | 4.391487 | 0.000352 | 0.002626 | 476 | 1043 | 799 | 1041 | 1650 | 806 |
| Solyc01g007900.2.1 | -1.40442 | 4.356804 | 0.000432 | 0.003123 | 484 | 1280 | 589 | 1174 | 1444 | 755 |
| Solyc04g007860.2.1 | -1.40212 | 7.040057 | 0.000954 | 0.006097 | 3470 | 6974 | 4165 | 7096 | 10065 | 4765 |
| Solyc03g113870.1.1 | -1.39975 | 5.165072 | 0.000782 | 0.005164 | 1346 | 1632 | 814 | 2076 | 2350 | 1407 |
| Solyc05g054770.2.1 | -1.39916 | 5.322541 | 0.000612 | 0.004189 | 680 | 2418 | 1545 | 1827 | 3111 | 1684 |
| Solyc09g061310.2.1 | -1.39893 | 6.600833 | 0.000934 | 0.005994 | 2330 | 5199 | 3335 | 5782 | 6570 | 3553 |
| Solyc06g083440.2.1 | -1.39641 | 4.311526 | 0.000428 | 0.003104 | 511 | 991 | 686 | 1205 | 1254 | 757 |
| Solyc07g065740.2.1 | -1.39529 | 4.957887 | 0.000248 | 0.001959 | 916 | 1588 | 910 | 1597 | 2421 | 1156 |
| Solyc09g074860.2.1 | -1.395 | 5.895616 | 0.000575 | 0.003969 | 1580 | 2892 | 2058 | 2748 | 4231 | 2706 |
| Solyc11g007770.1.1 | -1.39457 | 6.602878 | 0.001431 | 0.008605 | 2073 | 6056 | 3142 | 3892 | 6949 | 4880 |
| Solyc03g117030.1.1 | -1.39434 | 5.495782 | 0.000303 | 0.002317 | 1148 | 2490 | 1432 | 2156 | 3314 | 1928 |
| Solyc01g094860.2.1 | -1.39198 | 5.356353 | 0.000399 | 0.002921 | 1293 | 2195 | 1036 | 2211 | 3026 | 1531 |
| Solyc09g005080.1.1 | -1.38967 | 4.681238 | 0.00078 | 0.005154 | 789 | 1540 | 571 | 1255 | 2228 | 869 |
| Solyc04g081410.2.1 | -1.38883 | 5.695012 | 0.000418 | 0.003036 | 1426 | 2468 | 1774 | 2764 | 3554 | 2117 |
| Solyc08g062500.2.1 | -1.38849 | 6.23135 | 0.001638 | 0.009608 | 2618 | 3394 | 2012 | 4897 | 4763 | 2574 |
| Solyc04g064820.2.1 | -1.38844 | 4.67908 | 0.000667 | 0.00451 | 675 | 1339 | 838 | 1810 | 1519 | 822 |
| Solyc10g079000.1.1 | -1.38786 | 5.596096 | 0.000348 | 0.002607 | 1353 | 2480 | 1520 | 2522 | 3269 | 2052 |
| Solyc06g051410.2.1 | -1.38662 | 4.850051 | 0.001429 | 0.008597 | 949 | 1113 | 964 | 874 | 2222 | 1576 |
| Solyc10g075040.1.1 | -1.38388 | 5.27842 | 0.000306 | 0.00234 | 1022 | 2146 | 1206 | 1939 | 3193 | 1381 |
| Solyc09g008310.2.1 | -1.38362 | 5.354562 | 0.000814 | 0.005337 | 1534 | 1603 | 1127 | 2295 | 3017 | 1453 |
| Solyc06g034110.2.1 | -1.38344 | 5.052953 | 0.000262 | 0.002049 | 942 | 1578 | 1112 | 1938 | 2262 | 1224 |
| Solyc07g005600.2.1 | -1.38108 | 7.98584 | 0.001319 | 0.008016 | 6363 | 13395 | 8712 | 12496 | 19799 | 9772 |
| Solyc03g121590.2.1 | -1.38092 | 8.520251 | 0.001396 | 0.008422 | 9620 | 19863 | 11827 | 19438 | 27441 | 13777 |
| Solyc06g060100.2.1 | -1.37929 | 4.156272 | 0.000605 | 0.004147 | 473 | 831 | 651 | 1096 | 1129 | 659 |
| Solyc01g107740.2.1 | -1.37848 | 4.615962 | 0.001212 | 0.007465 | 901 | 1181 | 563 | 1541 | 1695 | 797 |
| Solyc05g009020.2.1 | -1.37543 | 4.305059 | 0.000419 | 0.003047 | 522 | 1065 | 637 | 983 | 1518 | 764 |
| Solyc04g007710.2.1 | -1.37417 | 7.626808 | 0.001466 | 0.008775 | 5757 | 10132 | 6072 | 10456 | 15062 | 7222 |
| Solyc07g040690.2.1 | -1.37232 | 6.115475 | 0.000805 | 0.005289 | 1864 | 3749 | 2203 | 3717 | 5159 | 2560 |
| Solyc05g008830.2.1 | -1.37019 | 7.011305 | 0.001375 | 0.008316 | 4183 | 6088 | 3795 | 6874 | 8892 | 5203 |
| Solyc05g041870.1.1 | -1.3701 | 4.502059 | 0.000658 | 0.004457 | 574 | 1225 | 764 | 1492 | 1274 | 846 |
| Solyc03g097970.2.1 | -1.36889 | 6.352242 | 0.001083 | 0.006777 | 1784 | 4740 | 2916 | 4468 | 5595 | 3219 |
| Solyc11g065070.1.1 | -1.36836 | 6.654453 | 0.00117 | 0.007253 | 2541 | 5564 | 3355 | 5063 | 8107 | 3633 |
| Solyc02g065050.1.1 | -1.36464 | 4.592453 | 0.000885 | 0.005721 | 611 | 1701 | 567 | 1233 | 1594 | 1050 |
| Solyc01g007770.2.1 | -1.36449 | 4.604026 | 0.000594 | 0.004079 | 556 | 1519 | 771 | 1031 | 2059 | 969 |
| Solyc06g065720.1.1 | -1.36413 | 5.252636 | 0.000415 | 0.003022 | 929 | 2059 | 1346 | 1991 | 3078 | 1302 |
| Solyc04g014270.2.1 | -1.36307 | 6.490013 | 0.000987 | 0.006269 | 2346 | 4819 | 3012 | 4783 | 6023 | 3714 |
| Solyc08g006940.2.1 | -1.36193 | 5.243346 | 0.000455 | 0.003267 | 825 | 2362 | 1261 | 1833 | 2796 | 1562 |
| Solyc05g055760.2.1 | -1.36149 | 5.416464 | 0.001549 | 0.009194 | 756 | 2194 | 1938 | 2363 | 2193 | 2075 |
| Solyc01g099810.2.1 | -1.36108 | 5.814573 | 0.001193 | 0.007371 | 1148 | 3248 | 2141 | 2414 | 4647 | 2288 |
| Solyc11g069780.1.1 | -1.35991 | 5.019143 | 0.000313 | 0.002387 | 775 | 1820 | 1126 | 1479 | 2384 | 1414 |
| Solyc05g009160.2.1 | -1.35683 | 5.275844 | 0.000421 | 0.003055 | 912 | 2222 | 1339 | 1842 | 3161 | 1445 |
| Solyc01g088710.2.1 | -1.35589 | 4.694184 | 0.000399 | 0.002917 | 638 | 1432 | 893 | 1403 | 1904 | 944 |
| Solyc05g056100.2.1 | -1.35348 | 5.991137 | 0.000902 | 0.005814 | 1598 | 3812 | 1982 | 3353 | 4462 | 2523 |
| Solyc09g010850.2.1 | -1.35343 | 6.284524 | 0.001562 | 0.009251 | 2546 | 4254 | 1968 | 4468 | 5147 | 2986 |
| Solyc01g068390.2.1 | -1.34928 | 6.566851 | 0.001228 | 0.007544 | 2535 | 5251 | 3060 | 5127 | 6890 | 3508 |
| Solyc09g064470.2.1 | -1.34914 | 5.518006 | 0.000967 | 0.006159 | 1079 | 2610 | 1613 | 3089 | 2681 | 1572 |
| Solyc10g055650.1.1 | -1.34895 | 5.872635 | 0.001169 | 0.007251 | 1819 | 2667 | 1947 | 3590 | 3624 | 2190 |
| Solyc10g079080.1.1 | -1.34654 | 6.482655 | 0.001712 | 0.009986 | 2905 | 4203 | 2740 | 5521 | 5843 | 3125 |
| Solyc06g082490.2.1 | -1.34646 | 5.731262 | 0.000799 | 0.005259 | 1330 | 2903 | 1858 | 3043 | 3740 | 1892 |
| Solyc10g007390.2.1 | -1.34629 | 8.075251 | 0.001668 | 0.009762 | 6850 | 14619 | 9404 | 13379 | 20328 | 10530 |
| Solyc05g055070.2.1 | -1.3441 | 6.246713 | 0.001321 | 0.008027 | 2491 | 3422 | 2399 | 3949 | 4943 | 3261 |
| Solyc01g112040.2.1 | -1.34164 | 4.973701 | 0.000449 | 0.003228 | 890 | 1638 | 1028 | 1644 | 2509 | 1069 |
| Solyc07g007050.1.1 | -1.34154 | 3.748723 | 0.001275 | 0.007788 | 350 | 793 | 417 | 566 | 1029 | 593 |
| Solyc04g051820.2.1 | -1.33984 | 5.13666 | 0.000439 | 0.003164 | 988 | 2042 | 1032 | 1771 | 2703 | 1314 |
| Solyc09g008290.2.1 | -1.33719 | 4.045438 | 0.000912 | 0.005879 | 484 | 839 | 536 | 953 | 947 | 701 |
| Solyc07g052640.2.1 | -1.33624 | 4.793746 | 0.001029 | 0.006493 | 945 | 1407 | 742 | 1804 | 1583 | 1018 |
| Solyc02g078320.1.1 | -1.33564 | 4.873874 | 0.00066 | 0.00447 | 680 | 1635 | 1086 | 1833 | 1809 | 1058 |
| Solyc05g046300.2.1 | -1.33483 | 5.315315 | 0.00057 | 0.003934 | 1258 | 2080 | 1153 | 1874 | 3270 | 1467 |
| Solyc06g068960.1.1 | -1.33403 | 4.556999 | 0.00162 | 0.009519 | 644 | 1536 | 609 | 831 | 1616 | 1275 |
| Solyc01g057460.2.1 | -1.33129 | 5.167216 | 0.000532 | 0.003717 | 1041 | 1879 | 1162 | 2127 | 2406 | 1281 |
| Solyc01g068000.2.1 | -1.32994 | 5.300207 | 0.000549 | 0.003815 | 1279 | 2029 | 1127 | 2065 | 2748 | 1558 |
| Solyc01g096460.2.1 | -1.32963 | 4.246218 | 0.001413 | 0.008505 | 645 | 908 | 550 | 1223 | 1134 | 672 |
| Solyc08g067480.2.1 | -1.32923 | 5.08745 | 0.000543 | 0.003781 | 838 | 1856 | 1235 | 1364 | 2625 | 1537 |
| Solyc08g066680.2.1 | -1.32793 | 5.767898 | 0.001376 | 0.008323 | 1163 | 3335 | 1978 | 2999 | 3318 | 2316 |
| Solyc03g097020.2.1 | -1.32458 | 5.760224 | 0.001602 | 0.00944 | 1147 | 3526 | 1856 | 2985 | 4107 | 1831 |
| Solyc12g042570.1.1 | -1.32378 | 4.056244 | 0.001179 | 0.007298 | 467 | 1064 | 437 | 860 | 1052 | 726 |
| Solyc05g053230.2.1 | -1.32367 | 6.519731 | 0.001612 | 0.00949 | 2687 | 4948 | 2876 | 3932 | 7167 | 3889 |
| Solyc01g100660.2.1 | -1.32166 | 6.185751 | 0.001407 | 0.008482 | 1915 | 3831 | 2617 | 4062 | 4278 | 3128 |
| Solyc07g051940.2.1 | -1.32116 | 4.884142 | 0.001038 | 0.006535 | 977 | 1781 | 668 | 1540 | 1916 | 1250 |
| Solyc04g024710.2.1 | -1.31841 | 4.818824 | 0.000667 | 0.00451 | 844 | 1380 | 959 | 1725 | 1816 | 995 |
| Solyc04g009310.2.1 | -1.31771 | 4.892189 | 0.00059 | 0.004056 | 937 | 1323 | 1032 | 1569 | 2116 | 1128 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|-------|------|------|------|------|
| Solyc03g006000.2.1 | -1.31689 | 5.047342 | 0.000684 | 0.004606 | 1117 | 1656 | 943 | 1899 | 2158 | 1247 |
| Solyc12g005570.1.1 | -1.31503 | 5.439217 | 0.000827 | 0.005407 | 984 | 2277 | 1772 | 2163 | 2675 | 1994 |
| Solyc04g077600.2.1 | -1.31362 | 5.095482 | 0.000513 | 0.003597 | 967 | 1871 | 1112 | 1950 | 2231 | 1298 |
| Solyc02g031830.1.1 | -1.31121 | 5.539416 | 0.001582 | 0.009339 | 1708 | 2108 | 1312 | 2830 | 3134 | 1562 |
| Solyc01g098210.2.1 | -1.30842 | 4.425761 | 0.000999 | 0.006334 | 736 | 990 | 664 | 1215 | 1462 | 786 |
| Solyc03g095510.2.1 | -1.30659 | 6.022518 | 0.001708 | 0.009969 | 1479 | 3479 | 2636 | 3407 | 4978 | 2279 |
| Solyc11g062390.1.1 | -1.30278 | 4.659121 | 0.001087 | 0.006803 | 867 | 1200 | 763 | 1415 | 1881 | 838 |
| Solyc05g006690.2.1 | -1.30261 | 5.78949 | 0.001181 | 0.007303 | 1558 | 2799 | 1985 | 2847 | 3956 | 2137 |
| Solyc06g050730.2.1 | -1.30187 | 4.196343 | 0.001053 | 0.006614 | 586 | 935 | 566 | 880 | 1448 | 678 |
| Solyc05g009010.1.1 | -1.29993 | 4.290863 | 0.001655 | 0.009693 | 501 | 1417 | 493 | 1026 | 1293 | 800 |
| Solyc07g042590.2.1 | -1.29279 | 5.570799 | 0.001471 | 0.008798 | 1699 | 2104 | 1475 | 2445 | 2820 | 2161 |
| Solyc12g005760.1.1 | -1.28698 | 4.379037 | 0.001484 | 0.008863 | 686 | 1134 | 586 | 1267 | 1188 | 808 |
| Solyc06g082120.2.1 | -1.28046 | 5.519176 | 0.001456 | 0.00873 | 1548 | 2184 | 1467 | 2805 | 2947 | 1577 |
| Solyc01g010940.2.1 | -1.28025 | 5.738303 | 0.001356 | 0.008217 | 1383 | 2838 | 2039 | 2739 | 3760 | 2074 |
| Solyc05g008100.1.1 | -1.27967 | 5.027318 | 0.000929 | 0.005973 | 835 | 1874 | 1168 | 2049 | 1964 | 1152 |
| Solyc01g100410.2.1 | -1.27633 | 4.809826 | 0.000729 | 0.004867 | 835 | 1548 | 905 | 1458 | 1965 | 1076 |
| Solyc01g010150.2.1 | -1.27505 | 4.167407 | 0.001646 | 0.009649 | 415 | 1095 | 662 | 1071 | 1040 | 703 |
| Solyc05g018610.1.1 | -1.27334 | 5.390937 | 0.00081 | 0.005316 | 1174 | 2231 | 1509 | 1865 | 3133 | 1754 |
| Solyc07g008080.2.1 | -1.27096 | 5.62785 | 0.00121 | 0.007451 | 1472 | 2672 | 1648 | 2802 | 3327 | 1784 |
| Solyc12g055750.1.1 | -1.26824 | 4.877011 | 0.000997 | 0.006324 | 774 | 1611 | 1092 | 1744 | 1726 | 1138 |
| Solyc07g048030.2.1 | -1.26809 | 4.499523 | 0.001003 | 0.006356 | 647 | 1243 | 775 | 1147 | 1721 | 807 |
| Solyc10g078570.1.1 | -1.26602 | 4.33565 | 0.001129 | 0.007034 | 526 | 1063 | 787 | 990 | 1494 | 771 |
| Solyc09g008410.2.1 | -1.26559 | 5.3935 | 0.000993 | 0.006304 | 1355 | 2042 | 1430 | 2037 | 3231 | 1558 |
| Solyc09g097870.2.1 | -1.26242 | 4.795681 | 0.001542 | 0.009164 | 668 | 1410 | 1191 | 1712 | 1843 | 897 |
| Solyc07g065140.2.1 | -1.2624 | 4.779663 | 0.00089 | 0.005749 | 795 | 1461 | 969 | 1545 | 1791 | 1026 |
| Solyc02g091520.2.1 | -1.25792 | 4.578637 | 0.00145 | 0.008703 | 544 | 1560 | 846 | 1135 | 1510 | 1088 |
| Solyc02g065650.1.1 | -1.25699 | 4.33434 | 0.001339 | 0.008126 | 657 | 1026 | 656 | 1098 | 1351 | 759 |
| Solyc04g072010.2.1 | -1.256 | 5.436118 | 0.001188 | 0.007343 | 1417 | 2349 | 1311 | 2360 | 2919 | 1618 |
| Solyc04g072120.2.1 | -1.25252 | 5.438624 | 0.001581 | 0.009337 | 1536 | 2028 | 1384 | 2504 | 2810 | 1569 |
| Solyc03g031750.1.1 | -1.25165 | 4.662754 | 0.001075 | 0.006731 | 782 | 1391 | 819 | 1307 | 1807 | 945 |
| Solyc08g082920.2.1 | -1.25115 | 4.610221 | 0.001195 | 0.007382 | 803 | 1278 | 770 | 1288 | 1658 | 937 |
| Solyc04g072110.2.1 | -1.24994 | 5.411472 | 0.001154 | 0.007167 | 1116 | 2190 | 1721 | 2287 | 2761 | 1674 |
| Solyc09g059520.2.1 | -1.24181 | 5.099812 | 0.000943 | 0.006044 | 993 | 1975 | 1150 | 1810 | 2302 | 1323 |
| Solyc04g015580.2.1 | -1.23842 | 4.639097 | 0.001353 | 0.008199 | 646 | 1461 | 916 | 1418 | 1634 | 897 |
| Solyc12g095790.1.1 | -1.23789 | 5.254634 | 0.001201 | 0.007412 | 1171 | 1986 | 1343 | 2145 | 2524 | 1386 |
| Solyc05g011930.2.1 | -1.23377 | 4.864596 | 0.001563 | 0.009256 | 953 | 1799 | 776 | 1436 | 2155 | 1085 |
| Solyc11g017170.1.1 | -1.23285 | 4.61359 | 0.001615 | 0.0095 | 810 | 1329 | 758 | 1389 | 1664 | 847 |
| Solyc12g015740.1.1 | -1.22904 | 4.914587 | 0.001151 | 0.00715 | 833 | 1577 | 1183 | 1568 | 1947 | 1218 |
| Solyc10g018160.1.1 | -1.22091 | 4.606459 | 0.001477 | 0.008832 | 707 | 1430 | 823 | 1316 | 1474 | 995 |
| Solyc03g116600.2.1 | -1.21265 | 4.417436 | 0.001559 | 0.009238 | 608 | 1201 | 780 | 1115 | 1488 | 787 |
| Solyc02g091430.2.1 | -1.20617 | 5.336623 | 0.001617 | 0.009507 | 1372 | 2129 | 1307 | 1990 | 2614 | 1697 |
| Solyc02g081380.2.1 | -1.20457 | 5.460853 | 0.00167 | 0.009774 | 1261 | 2375 | 1684 | 2333 | 2883 | 1695 |
| Solyc01g010860.2.1 | -1.20004 | 4.891828 | 0.001409 | 0.008494 | 816 | 1783 | 1067 | 1539 | 1984 | 1142 |
| Solyc07g005430.2.1 | -1.19684 | 5.352557 | 0.001679 | 0.009818 | 1314 | 2015 | 1520 | 2090 | 2698 | 1611 |
| Solyc02g094170.2.1 | -1.18263 | 4.766269 | 0.001708 | 0.009969 | 855 | 1503 | 954 | 1355 | 1808 | 1086 |
| Solyc07g066290.2.1 | 1.203968 | 4.670867 | 0.001675 | 0.009796 | 1655 | 3245 | 2218 | 481 | 750 | 494 |
| Solyc01g096600.2.1 | 1.20448 | 4.963488 | 0.001633 | 0.009583 | 1761 | 4776 | 2540 | 657 | 989 | 509 |
| Solyc03g121260.2.1 | 1.218071 | 4.796395 | 0.001315 | 0.007997 | 1890 | 3709 | 2229 | 509 | 882 | 505 |
| Solyc05g005640.2.1 | 1.226305 | 5.033718 | 0.001494 | 0.008915 | 1751 | 4765 | 2984 | 594 | 976 | 631 |
| Solyc12g100200.1.1 | 1.236993 | 5.118574 | 0.001258 | 0.0077 | 2381 | 4218 | 3068 | 878 | 1890 | 542 |
| Solyc10g085460.1.1 | 1.238917 | 5.351327 | 0.00126 | 0.007709 | 2862 | 5531 | 3166 | 707 | 1308 | 748 |
| Solyc02g070670.2.1 | 1.244963 | 5.141868 | 0.001509 | 0.008996 | 1729 | 5209 | 3401 | 765 | 973 | 608 |
| Solyc03g121440.2.1 | 1.254271 | 4.844257 | 0.001173 | 0.007268 | 2130 | 3206 | 2540 | 505 | 873 | 536 |
| Solyc07g005030.2.1 | 1.26449 | 4.690706 | 0.001119 | 0.006988 | 1471 | 3675 | 2341 | 611 | 711 | 390 |
| Solyc06g076770.2.1 | 1.266082 | 5.043502 | 0.001266 | 0.007742 | 2435 | 3690 | 2945 | 504 | 1059 | 635 |
| Solyc08g014470.2.1 | 1.267657 | 4.290994 | 0.001555 | 0.00922 | 1132 | 2483 | 1947 | 449 | 587 | 277 |
| Solyc05g053710.2.1 | 1.274266 | 4.234884 | 0.001139 | 0.00709 | 1291 | 2510 | 1550 | 379 | 514 | 336 |
| Solyc03g007920.2.1 | 1.274401 | 5.075197 | 0.001229 | 0.007549 | 1669 | 4512 | 3570 | 630 | 1063 | 560 |
| Solyc12g056740.1.1 | 1.275417 | 5.456007 | 0.000938 | 0.006017 | 2614 | 6399 | 3774 | 877 | 1299 | 732 |
| Solyc06g008960.2.1 | 1.276088 | 4.328207 | 0.001595 | 0.009405 | 1072 | 2983 | 1840 | 333 | 617 | 376 |
| Solyc03g116350.2.1 | 1.280911 | 4.8288 | 0.000776 | 0.005133 | 1943 | 3867 | 2312 | 667 | 709 | 465 |
| Solyc04g040190.1.1 | 1.282973 | 4.90987 | 0.000752 | 0.004999 | 1851 | 4193 | 2638 | 671 | 887 | 439 |
| Solyc06g009220.2.1 | 1.287889 | 4.54145 | 0.001463 | 0.008764 | 1672 | 2908 | 1968 | 637 | 565 | 312 |
| Solyc01g089870.2.1 | 1.300096 | 5.13515 | 0.001197 | 0.007392 | 1770 | 5370 | 3306 | 550 | 1156 | 621 |
| Solyc04g079060.2.1 | 1.301145 | 4.369305 | 0.001408 | 0.008489 | 1172 | 2819 | 1994 | 538 | 526 | 278 |
| Solyc10g081720.1.1 | 1.301999 | 4.528618 | 0.001307 | 0.007955 | 2009 | 2351 | 1870 | 532 | 655 | 327 |
| Solyc07g053610.2.1 | 1.302658 | 5.86203 | 0.001444 | 0.008667 | 4147 | 8391 | 4294 | 1037 | 1626 | 1089 |
| Solyc04g014500.2.1 | 1.309704 | 5.148371 | 0.001611 | 0.009484 | 1933 | 5277 | 3263 | 463 | 1276 | 630 |
| Solyc02g089340.2.1 | 1.311443 | 4.007041 | 0.00117 | 0.007251 | 926 | 2518 | 1332 | 313 | 464 | 266 |
| Solyc03g113350.2.1 | 1.314109 | 4.665403 | 0.001403 | 0.008466 | 2377 | 2845 | 1698 | 598 | 637 | 390 |
| Solyc05g054940.2.1 | 1.317893 | 4.148766 | 0.001651 | 0.009675 | 921 | 2366 | 1863 | 391 | 386 | 327 |
| Solyc11g065870.1.1 | 1.31915 | 4.398324 | 0.000901 | 0.005813 | 1812 | 2560 | 1492 | 433 | 566 | 352 |
| Solyc07g045420.2.1 | 1.3221 | 6.181179 | 0.00141 | 0.008496 | 4318 | 10486 | 6482 | 1420 | 2303 | 1063 |
| Solyc07g017800.2.1 | 1.322671 | 5.027489 | 0.001462 | 0.008763 | 3217 | 3614 | 2027 | 693 | 1037 | 430 |
| Solyc03g005870.2.1 | 1.322703 | 3.689467 | 0.001591 | 0.009386 | 775 | 1666 | 1260 | 235 | 358 | 231 |
| Solyc03g083360.2.1 | 1.324338 | 4.632963 | 0.000806 | 0.005294 | 1360 | 3123 | 2650 | 509 | 695 | 395 |
| Solyc12g088750.1.1 | 1.324527 | 4.421596 | 0.000752 | 0.004999 | 1505 | 2742 | 1850 | 341 | 690 | 369 |
| Solyc01g067550.2.1 | 1.325426 | 4.75703 | 0.000952 | 0.006084 | 1580 | 3487 | 2716 | 396 | 846 | 508 |
| Solyc12g014460.1.1 | 1.326391 | 4.952443 | 0.000503 | 0.003539 | 1806 | 4539 | 2769 | 672 | 807 | 497 |
| Solyc01g009230.2.1 | 1.326679 | 5.297349 | 0.000493 | 0.003479 | 2352 | 5568 | 3574 | 759 | 1088 | 672 |
| Solyc09g098330.2.1 | 1.331848 | 4.457627 | 0.001335 | 0.008102 | 1074 | 3266 | 2196 | 331 | 647 | 425 |
| Solyc11g010490.1.1 | 1.33201 | 4.014366 | 0.00122 | 0.007505 | 871 | 2285 | 1586 | 278 | 453 | 297 |
| Solyc06g073740.2.1 | 1.332779 | 5.511392 | 0.000922 | 0.005934 | 2555 | 5785 | 4806 | 839 | 1515 | 660 |
| Solyc02g081850.2.1 | 1.334281 | 4.93404 | 0.000995 | 0.006315 | 2866 | 3141 | 2258 | 692 | 739 | 495 |

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|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc01g008480.2.1 | 1.33625 | 3.758215 | 0.00129 | 0.00787 | 835 | 2036 | 1120 | 304 | 365 | 197 |
| Solyc04g082680.2.1 | 1.337433 | 4.657233 | 0.000986 | 0.006266 | 1664 | 3395 | 2224 | 340 | 782 | 495 |
| Solyc09g007310.2.1 | 1.338927 | 4.706276 | 0.000717 | 0.004802 | 1436 | 3686 | 2546 | 589 | 597 | 441 |
| Solyc02g021140.2.1 | 1.339624 | 4.601656 | 0.001298 | 0.007911 | 1175 | 3443 | 2558 | 360 | 775 | 435 |
| Solyc01g068270.2.1 | 1.341821 | 4.32969 | 0.001125 | 0.007016 | 1427 | 2038 | 2074 | 432 | 440 | 367 |
| Solyc12g007090.1.1 | 1.342781 | 4.325806 | 0.001023 | 0.006464 | 1571 | 2290 | 1722 | 448 | 414 | 366 |
| Solyc11g005020.1.1 | 1.343081 | 5.156035 | 0.000397 | 0.002909 | 2227 | 5174 | 3072 | 686 | 1029 | 572 |
| Solyc02g069080.2.1 | 1.344586 | 4.096938 | 0.000741 | 0.004933 | 1054 | 2316 | 1594 | 298 | 489 | 301 |
| Solyc02g070260.2.1 | 1.345006 | 5.175382 | 0.001326 | 0.008057 | 1610 | 5172 | 3964 | 819 | 778 | 631 |
| Solyc12g015680.1.1 | 1.347512 | 4.534626 | 0.000855 | 0.005563 | 1829 | 2592 | 2017 | 578 | 608 | 296 |
| Solyc09g018790.2.1 | 1.349853 | 5.501104 | 0.000514 | 0.003602 | 3397 | 5508 | 3894 | 974 | 1159 | 722 |
| Solyc03g006420.2.1 | 1.351821 | 4.495257 | 0.000508 | 0.003567 | 1509 | 3235 | 1848 | 387 | 638 | 402 |
| Solyc01g068610.2.1 | 1.351958 | 5.799603 | 0.001545 | 0.009175 | 2934 | 7800 | 5686 | 1393 | 1311 | 793 |
| Solyc01g080810.2.1 | 1.354829 | 5.223907 | 0.00042 | 0.00305 | 2416 | 5000 | 3411 | 835 | 1026 | 525 |
| Solyc01g102970.2.1 | 1.35795 | 4.775041 | 0.000477 | 0.003393 | 1693 | 3984 | 2391 | 429 | 867 | 464 |
| Solyc07g040940.2.1 | 1.361534 | 5.084532 | 0.000284 | 0.002195 | 2383 | 4497 | 2899 | 701 | 874 | 551 |
| Solyc11g069290.1.1 | 1.36986 | 5.081146 | 0.000401 | 0.002929 | 2474 | 3998 | 3098 | 521 | 1031 | 596 |
| Solyc06g083770.2.1 | 1.37009 | 3.683101 | 0.001055 | 0.006623 | 977 | 1515 | 1122 | 234 | 338 | 226 |
| Solyc01g102540.2.1 | 1.370274 | 4.69615 | 0.001638 | 0.009611 | 1005 | 4536 | 2533 | 413 | 814 | 430 |
| Solyc07g045310.2.1 | 1.370721 | 4.438678 | 0.001482 | 0.008861 | 2171 | 2017 | 1602 | 515 | 541 | 302 |
| Solyc01g091860.2.1 | 1.373468 | 3.675494 | 0.00163 | 0.00957 | 881 | 1746 | 1078 | 179 | 341 | 265 |
| Solyc02g090380.2.1 | 1.375008 | 3.900087 | 0.001217 | 0.007491 | 863 | 2334 | 1282 | 373 | 353 | 202 |
| Solyc04g014870.2.1 | 1.377392 | 4.277525 | 0.00058 | 0.003993 | 1231 | 2647 | 1780 | 416 | 426 | 337 |
| Solyc11g011250.1.1 | 1.377775 | 4.909344 | 0.000637 | 0.00434 | 1526 | 4442 | 3022 | 462 | 851 | 561 |
| Solyc12g062480.1.1 | 1.378472 | 3.456771 | 0.001542 | 0.009164 | 701 | 1492 | 1003 | 222 | 331 | 148 |
| Solyc07g006140.2.1 | 1.37975 | 4.468038 | 0.000535 | 0.003735 | 1838 | 2677 | 1719 | 510 | 592 | 293 |
| Solyc03g043600.1.1 | 1.380026 | 3.917542 | 0.000756 | 0.005016 | 916 | 2328 | 1271 | 267 | 443 | 243 |
| Solyc02g068240.2.1 | 1.380663 | 5.322686 | 0.000613 | 0.004194 | 3534 | 4518 | 3064 | 975 | 919 | 576 |
| Solyc02g069830.2.1 | 1.382347 | 3.656143 | 0.001227 | 0.007537 | 1082 | 1525 | 932 | 252 | 316 | 209 |
| Solyc01g096900.2.1 | 1.385109 | 5.008784 | 0.000832 | 0.005432 | 1366 | 5236 | 3280 | 538 | 971 | 526 |
| Solyc04g076850.2.1 | 1.389286 | 7.224018 | 0.001133 | 0.007058 | 10420 | 20717 | 12545 | 2631 | 4143 | 2540 |
| Solyc02g091240.1.1 | 1.389418 | 4.921968 | 0.000318 | 0.002417 | 2097 | 3786 | 2818 | 479 | 836 | 560 |
| Solyc12g010330.1.1 | 1.390095 | 4.003399 | 0.000893 | 0.005767 | 890 | 2176 | 1647 | 244 | 452 | 297 |
| Solyc11g022460.1.1 | 1.390284 | 3.962136 | 0.00114 | 0.007094 | 866 | 2225 | 1529 | 214 | 493 | 276 |
| Solyc12g049400.1.1 | 1.397121 | 4.886548 | 0.001368 | 0.008278 | 2543 | 3250 | 2429 | 790 | 834 | 267 |
| Solyc08g082090.1.1 | 1.399776 | 5.182617 | 0.001693 | 0.009887 | 2389 | 7412 | 1718 | 584 | 1081 | 608 |
| Solyc07g066670.2.1 | 1.400681 | 4.881292 | 0.00118 | 0.007303 | 1268 | 5094 | 2811 | 404 | 988 | 485 |
| Solyc05g006900.1.1 | 1.401235 | 4.433742 | 0.001088 | 0.006805 | 1248 | 3732 | 1666 | 264 | 685 | 404 |
| Solyc09g092330.1.1 | 1.402961 | 5.968493 | 0.000793 | 0.005228 | 3636 | 9644 | 5577 | 1000 | 2005 | 969 |
| Solyc08g076470.2.1 | 1.405105 | 4.683783 | 0.000968 | 0.006161 | 2080 | 3078 | 2118 | 641 | 769 | 238 |
| Solyc07g064950.2.1 | 1.405909 | 4.858557 | 0.000325 | 0.002464 | 1745 | 3952 | 2835 | 449 | 833 | 513 |
| Solyc12g010740.1.1 | 1.406273 | 3.518072 | 0.000967 | 0.006161 | 739 | 1657 | 989 | 222 | 311 | 175 |
| Solyc04g014210.2.1 | 1.407662 | 5.219575 | 0.000288 | 0.00222 | 2353 | 5661 | 3136 | 628 | 953 | 684 |
| Solyc10g076860.1.1 | 1.41008 | 3.496406 | 0.001186 | 0.007333 | 639 | 1631 | 1087 | 223 | 289 | 178 |
| Solyc08g063040.2.1 | 1.411035 | 5.009917 | 0.000949 | 0.00607 | 3373 | 3441 | 1984 | 737 | 766 | 464 |
| Solyc03g019940.2.1 | 1.411192 | 5.147812 | 0.000481 | 0.003417 | 1672 | 5361 | 3708 | 649 | 896 | 612 |
| Solyc11g065180.1.1 | 1.411704 | 4.397708 | 0.001055 | 0.006623 | 1018 | 3389 | 2042 | 271 | 635 | 397 |
| Solyc04g080770.2.1 | 1.415317 | 4.013741 | 0.000612 | 0.004188 | 870 | 2216 | 1696 | 295 | 406 | 278 |
| Solyc02g083180.2.1 | 1.417389 | 4.871877 | 0.000582 | 0.004011 | 1444 | 4639 | 2856 | 449 | 726 | 580 |
| Solyc01g111600.2.1 | 1.417809 | 5.415148 | 0.000815 | 0.005341 | 3973 | 4637 | 3206 | 1089 | 865 | 603 |
| Solyc03g033420.2.1 | 1.418037 | 4.49097 | 0.000616 | 0.004209 | 1123 | 3073 | 2486 | 345 | 651 | 390 |
| Solyc03g120670.2.1 | 1.419485 | 5.012553 | 0.000213 | 0.001716 | 2192 | 4294 | 2932 | 555 | 766 | 609 |
| Solyc04g063230.2.1 | 1.420651 | 5.023761 | 0.000777 | 0.005138 | 1747 | 4431 | 3465 | 822 | 907 | 320 |
| Solyc11g068720.1.1 | 1.421429 | 3.68457 | 0.001159 | 0.007198 | 749 | 1792 | 1264 | 174 | 415 | 215 |
| Solyc03g116670.2.1 | 1.424771 | 7.408245 | 0.001107 | 0.006922 | 11051 | 26506 | 13640 | 3632 | 3787 | 2753 |
| Solyc09g011170.2.1 | 1.42542 | 5.814551 | 0.00065 | 0.004418 | 3349 | 6727 | 6209 | 1057 | 1669 | 789 |
| Solyc07g018000.2.1 | 1.42597 | 3.571784 | 0.001393 | 0.008409 | 597 | 1980 | 1083 | 186 | 346 | 199 |
| Solyc09g083410.2.1 | 1.426957 | 4.290635 | 0.000441 | 0.003181 | 1258 | 2449 | 1966 | 409 | 404 | 341 |
| Solyc09g074330.2.1 | 1.429964 | 3.927191 | 0.001366 | 0.008267 | 755 | 2643 | 1333 | 197 | 474 | 269 |
| Solyc05g013300.1.1 | 1.430059 | 4.32249 | 0.000621 | 0.00424 | 1935 | 2276 | 1355 | 367 | 502 | 337 |
| Solyc06g011530.2.1 | 1.430361 | 3.427431 | 0.001119 | 0.006986 | 794 | 1367 | 938 | 191 | 337 | 146 |
| Solyc03g114510.2.1 | 1.431165 | 3.866203 | 0.000878 | 0.005688 | 942 | 1962 | 1372 | 374 | 307 | 192 |
| Solyc01g005020.2.1 | 1.433599 | 6.156485 | 0.001201 | 0.007412 | 3124 | 10648 | 7939 | 1255 | 2031 | 1105 |
| Solyc02g093970.2.1 | 1.437186 | 4.524168 | 0.000267 | 0.002081 | 1871 | 3097 | 1702 | 483 | 619 | 310 |
| Solyc08g076720.2.1 | 1.438048 | 3.879084 | 0.000953 | 0.006089 | 1227 | 2062 | 995 | 347 | 399 | 164 |
| Solyc02g091840.2.1 | 1.43955 | 6.361617 | 0.000796 | 0.005244 | 4969 | 11957 | 7685 | 1157 | 2505 | 1404 |
| Solyc07g063570.2.1 | 1.444919 | 5.378232 | 0.000493 | 0.003479 | 3211 | 5289 | 3510 | 1118 | 859 | 506 |
| Solyc07g021550.2.1 | 1.44606 | 3.934118 | 0.000946 | 0.00605 | 786 | 2303 | 1542 | 207 | 420 | 290 |
| Solyc05g048810.2.1 | 1.446302 | 3.464022 | 0.00166 | 0.009717 | 516 | 2018 | 947 | 195 | 309 | 168 |
| Solyc01g010270.2.1 | 1.446762 | 4.015355 | 0.00158 | 0.009337 | 598 | 2660 | 1780 | 262 | 500 | 239 |
| Solyc04g009510.2.1 | 1.449877 | 4.486732 | 0.001581 | 0.009339 | 2480 | 2129 | 1424 | 555 | 506 | 283 |
| Solyc01g094290.2.1 | 1.452363 | 6.215882 | 0.000718 | 0.004809 | 4545 | 10834 | 6909 | 1015 | 2257 | 1276 |
| Solyc09g074410.2.1 | 1.453386 | 3.396127 | 0.001691 | 0.009876 | 712 | 1205 | 1093 | 204 | 197 | 201 |
| Solyc05g018210.2.1 | 1.454206 | 4.552209 | 0.001649 | 0.009663 | 1695 | 3092 | 2060 | 738 | 405 | 238 |
| Solyc08g077510.2.1 | 1.455212 | 4.873423 | 0.0002 | 0.00163 | 2494 | 3178 | 2549 | 568 | 814 | 407 |
| Solyc05g009760.1.1 | 1.457546 | 3.738003 | 0.000493 | 0.003479 | 1027 | 1635 | 1169 | 284 | 308 | 199 |
| Solyc11g008910.1.1 | 1.459375 | 3.33562 | 0.001099 | 0.006873 | 777 | 1222 | 892 | 166 | 258 | 175 |
| Solyc02g086550.2.1 | 1.463407 | 4.059391 | 0.000258 | 0.00202 | 1255 | 2213 | 1395 | 276 | 425 | 288 |
| Solyc10g083520.1.1 | 1.466213 | 4.862833 | 0.000201 | 0.001636 | 1788 | 4458 | 2567 | 416 | 807 | 518 |
| Solyc03g119400.2.1 | 1.46837 | 4.275839 | 0.000438 | 0.003161 | 975 | 3067 | 1911 | 330 | 614 | 255 |
| Solyc03g026150.2.1 | 1.468428 | 4.047469 | 0.000213 | 0.001716 | 1130 | 2307 | 1458 | 315 | 406 | 259 |
| Solyc03g034020.2.1 | 1.468891 | 4.737477 | 0.000121 | 0.001067 | 1827 | 3854 | 2272 | 477 | 750 | 389 |
| Solyc05g005180.2.1 | 1.468901 | 3.971719 | 0.000645 | 0.004393 | 1359 | 1691 | 1345 | 351 | 301 | 252 |
| Solyc10g081040.1.1 | 1.470295 | 5.300299 | 0.000669 | 0.004518 | 2622 | 7731 | 2162 | 617 | 1275 | 549 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc06g075390.2.1 | 1.47098 | 3.976016 | 0.000535 | 0.003734 | 1053 | 2442 | 1260 | 383 | 387 | 177 |
| Solyc07g045190.1.1 | 1.471684 | 3.825771 | 0.000515 | 0.003606 | 1105 | 1583 | 1334 | 261 | 304 | 254 |
| Solyc06g082750.2.1 | 1.471738 | 4.43986 | 0.000883 | 0.005709 | 1273 | 2692 | 2395 | 535 | 328 | 359 |
| Solyc01g111400.2.1 | 1.472035 | 5.671429 | 0.00065 | 0.004414 | 4518 | 6342 | 3737 | 669 | 1804 | 724 |
| Solyc01g011510.2.1 | 1.472581 | 5.315259 | 0.000663 | 0.004488 | 3365 | 5413 | 2830 | 1025 | 1061 | 357 |
| Solyc01g008180.2.1 | 1.472627 | 3.444138 | 0.00089 | 0.00575 | 803 | 1384 | 971 | 176 | 353 | 144 |
| Solyc03g032150.2.1 | 1.472986 | 3.796605 | 0.00049 | 0.00347 | 808 | 2051 | 1331 | 229 | 437 | 189 |
| Solyc03g121050.2.1 | 1.473069 | 3.623172 | 0.000628 | 0.004285 | 911 | 1549 | 1109 | 187 | 308 | 227 |
| Solyc03g007600.2.1 | 1.476871 | 5.835337 | 0.000552 | 0.003833 | 5092 | 6585 | 4494 | 1321 | 1366 | 719 |
| Solyc12g017420.1.1 | 1.477046 | 4.451296 | 0.000146 | 0.001245 | 1521 | 2981 | 1955 | 441 | 486 | 349 |
| Solyc01g090200.2.1 | 1.477054 | 5.01162 | 0.000147 | 0.00125 | 2114 | 4345 | 3082 | 733 | 825 | 385 |
| Solyc07g055290.2.1 | 1.477909 | 4.33642 | 0.000178 | 0.001473 | 1304 | 2890 | 1843 | 316 | 571 | 325 |
| Solyc12g009150.1.1 | 1.478001 | 5.093106 | 0.000126 | 0.001098 | 1986 | 5011 | 3310 | 575 | 867 | 574 |
| Solyc11g032200.1.1 | 1.478331 | 3.163782 | 0.001215 | 0.007478 | 622 | 1164 | 832 | 181 | 213 | 133 |
| Solyc01g099110.2.1 | 1.478566 | 5.223833 | 0.000334 | 0.002523 | 3527 | 4532 | 2558 | 855 | 822 | 518 |
| Solyc03g113370.2.1 | 1.47918 | 3.777688 | 0.000932 | 0.005988 | 804 | 2231 | 1177 | 161 | 407 | 252 |
| Solyc05g051680.2.1 | 1.479637 | 4.195551 | 0.000337 | 0.002542 | 1715 | 2225 | 1265 | 337 | 476 | 277 |
| Solyc02g085780.2.1 | 1.482284 | 4.898943 | 0.000293 | 0.002251 | 1795 | 4114 | 2994 | 371 | 835 | 561 |
| Solyc01g109850.2.1 | 1.482429 | 6.421282 | 0.000341 | 0.002568 | 6155 | 11288 | 7725 | 1687 | 2129 | 1265 |
| Solyc01g094830.2.1 | 1.483016 | 4.085874 | 0.000717 | 0.004803 | 1006 | 2361 | 1706 | 192 | 468 | 338 |
| Solyc10g051200.1.1 | 1.484824 | 4.677545 | 0.000354 | 0.002635 | 1663 | 3704 | 2305 | 674 | 527 | 299 |
| Solyc09g064270.2.1 | 1.485812 | 4.265156 | 0.000553 | 0.003837 | 1039 | 2892 | 1921 | 234 | 556 | 353 |
| Solyc01g105670.2.1 | 1.485935 | 4.17183 | 0.000222 | 0.001775 | 1197 | 2305 | 1782 | 385 | 388 | 273 |
| Solyc07g065260.2.1 | 1.486481 | 4.706125 | 0.000483 | 0.003427 | 1361 | 4149 | 2533 | 310 | 849 | 431 |
| Solyc01g079650.2.1 | 1.487354 | 3.716695 | 0.000826 | 0.005403 | 667 | 2383 | 1106 | 267 | 371 | 158 |
| Solyc03g097000.2.1 | 1.487696 | 3.211478 | 0.001437 | 0.008638 | 564 | 1348 | 870 | 127 | 276 | 152 |
| Solyc02g063450.2.1 | 1.487763 | 7.961989 | 0.000917 | 0.005911 | 15624 | 30226 | 27058 | 5661 | 6206 | 3034 |
| Solyc09g010190.2.1 | 1.487775 | 3.818842 | 0.000551 | 0.003825 | 773 | 1986 | 1482 | 201 | 413 | 231 |
| Solyc12g096550.1.1 | 1.490373 | 5.852143 | 0.000489 | 0.003467 | 5109 | 7834 | 3891 | 850 | 1727 | 906 |
| Solyc03g025600.2.1 | 1.492029 | 5.750519 | 0.000346 | 0.002594 | 4415 | 6438 | 4608 | 868 | 1236 | 997 |
| Solyc08g075530.2.1 | 1.492146 | 5.526669 | 0.000353 | 0.002633 | 2300 | 7536 | 4491 | 655 | 1314 | 777 |
| Solyc09g009430.2.1 | 1.492637 | 6.28488 | 0.000368 | 0.00273 | 5629 | 9201 | 7709 | 1418 | 1836 | 1286 |
| Solyc04g049380.2.1 | 1.496252 | 4.255035 | 0.001322 | 0.008034 | 1848 | 2037 | 1438 | 541 | 368 | 201 |
| Solyc03g059070.2.1 | 1.496337 | 3.413999 | 0.001283 | 0.007834 | 687 | 1406 | 1053 | 125 | 332 | 182 |
| Solyc11g008890.1.1 | 1.496389 | 5.323045 | 9.15E-05 | 0.000837 | 3190 | 4933 | 3454 | 762 | 972 | 611 |
| Solyc10g008630.2.1 | 1.49747 | 4.360875 | 0.000218 | 0.001751 | 1342 | 3092 | 1777 | 486 | 445 | 266 |
| Solyc05g050940.2.1 | 1.498346 | 3.016168 | 0.001483 | 0.008861 | 522 | 1057 | 803 | 147 | 234 | 105 |
| Solyc03g113770.2.1 | 1.499244 | 3.877823 | 0.000599 | 0.00411 | 678 | 2469 | 1455 | 241 | 420 | 217 |
| Solyc12g099280.1.1 | 1.500323 | 4.415341 | 0.000252 | 0.001982 | 1411 | 3326 | 1755 | 292 | 724 | 296 |
| Solyc02g093940.2.1 | 1.501286 | 3.547952 | 0.001588 | 0.009375 | 568 | 1831 | 1205 | 142 | 292 | 237 |
| Solyc09g008730.2.1 | 1.501371 | 3.910048 | 0.000246 | 0.001942 | 1099 | 2103 | 1256 | 235 | 415 | 239 |
| Solyc02g091640.2.1 | 1.502032 | 4.425604 | 0.00021 | 0.0017 | 1104 | 3365 | 2152 | 379 | 621 | 291 |
| Solyc08g077890.2.1 | 1.502249 | 6.791764 | 0.000611 | 0.00418 | 6819 | 14862 | 11335 | 2585 | 2430 | 1443 |
| Solyc02g068030.1.1 | 1.503256 | 5.06429 | 0.000278 | 0.002156 | 3384 | 3908 | 2144 | 546 | 983 | 480 |
| Solyc07g019440.2.1 | 1.503731 | 5.101977 | 0.00014 | 0.001206 | 1925 | 5098 | 3428 | 503 | 934 | 583 |
| Solyc08g082400.1.1 | 1.505881 | 4.628266 | 0.001191 | 0.007358 | 2873 | 2481 | 1384 | 553 | 623 | 291 |
| Solyc06g065440.1.1 | 1.506523 | 5.474699 | 0.000519 | 0.00363 | 2028 | 6176 | 5294 | 919 | 848 | 794 |
| Solyc12g006480.1.1 | 1.506634 | 6.014275 | 0.001036 | 0.006529 | 2716 | 11851 | 6160 | 893 | 1971 | 1015 |
| Solyc05g015490.2.1 | 1.507248 | 6.391776 | 0.0004 | 0.002925 | 5449 | 13832 | 6624 | 1613 | 2419 | 1031 |
| Solyc12g068070.1.1 | 1.510169 | 4.594591 | 0.00039 | 0.002866 | 1184 | 3798 | 2491 | 313 | 649 | 444 |
| Solyc01g081050.2.1 | 1.516134 | 4.500872 | 0.000133 | 0.001152 | 1303 | 3772 | 1965 | 386 | 617 | 332 |
| Solyc11g030600.2.1 | 1.516449 | 5.177068 | 0.000183 | 0.001506 | 2629 | 5297 | 2936 | 439 | 1123 | 597 |
| Solyc06g064940.2.1 | 1.516966 | 5.284765 | 0.000256 | 0.00201 | 2072 | 6085 | 3868 | 492 | 1242 | 609 |
| Solyc10g078750.1.1 | 1.519172 | 4.39789 | 0.000307 | 0.002344 | 2131 | 2420 | 1391 | 363 | 589 | 296 |
| Solyc02g088000.2.1 | 1.519936 | 6.815316 | 0.000334 | 0.002523 | 7490 | 16883 | 9793 | 2275 | 2704 | 1573 |
| Solyc05g049900.2.1 | 1.519965 | 3.620472 | 0.000449 | 0.003228 | 782 | 1862 | 1091 | 171 | 352 | 200 |
| Solyc02g081910.1.1 | 1.520568 | 4.146424 | 0.001037 | 0.006532 | 697 | 3025 | 1890 | 249 | 614 | 224 |
| Solyc10g005180.2.1 | 1.520672 | 5.032052 | 0.000264 | 0.002061 | 2431 | 3995 | 3101 | 861 | 704 | 339 |
| Solyc01g087290.2.1 | 1.522294 | 4.151175 | 0.000375 | 0.002767 | 1234 | 2383 | 1650 | 461 | 351 | 206 |
| Solyc08g065150.1.1 | 1.523248 | 3.642632 | 0.000292 | 0.002248 | 812 | 1732 | 1189 | 224 | 313 | 187 |
| Solyc05g026140.2.1 | 1.525585 | 3.285589 | 0.001227 | 0.00754 | 921 | 1137 | 709 | 211 | 245 | 115 |
| Solyc06g062480.2.1 | 1.527847 | 3.878145 | 0.000205 | 0.001666 | 924 | 2224 | 1327 | 237 | 382 | 233 |
| Solyc10g024410.1.1 | 1.528462 | 5.37365 | 7.14E-05 | 0.000679 | 2900 | 5822 | 3688 | 664 | 1192 | 597 |
| Solyc08g067030.2.1 | 1.53162 | 2.960706 | 0.001283 | 0.007834 | 575 | 935 | 747 | 121 | 235 | 106 |
| Solyc12g042770.1.1 | 1.533472 | 6.979052 | 0.000566 | 0.003916 | 11769 | 14158 | 9891 | 2674 | 3164 | 1543 |
| Solyc05g005770.2.1 | 1.533953 | 3.526638 | 0.000395 | 0.002895 | 797 | 1874 | 867 | 209 | 290 | 167 |
| Solyc04g010290.2.1 | 1.534651 | 3.285637 | 0.001365 | 0.008263 | 556 | 1361 | 1022 | 113 | 295 | 164 |
| Solyc11g069500.1.1 | 1.536973 | 3.404883 | 0.000569 | 0.003931 | 825 | 1205 | 1013 | 116 | 263 | 135 |
| Solyc02g036470.2.1 | 1.538325 | 4.520023 | 0.000172 | 0.001431 | 1998 | 2932 | 1743 | 524 | 473 | 305 |
| Solyc09g011710.2.1 | 1.542604 | 7.173376 | 0.001459 | 0.008748 | 5519 | 27635 | 13952 | 2150 | 4408 | 2021 |
| Solyc08g076450.2.1 | 1.542684 | 5.666087 | 0.00165 | 0.009667 | 5172 | 5409 | 3641 | 1498 | 910 | 476 |
| Solyc12g005180.1.1 | 1.543546 | 5.327623 | 0.000438 | 0.003161 | 3227 | 4775 | 3632 | 1120 | 687 | 447 |
| Solyc01g087250.2.1 | 1.545499 | 5.435012 | 0.000179 | 0.001479 | 2771 | 6540 | 3903 | 1073 | 924 | 482 |
| Solyc09g075860.2.1 | 1.546087 | 5.279207 | 0.000387 | 0.002847 | 4030 | 3996 | 2785 | 916 | 749 | 517 |
| Solyc06g076850.2.1 | 1.546211 | 8.404142 | 0.001151 | 0.00715 | 34155 | 36272 | 24732 | 7979 | 7583 | 3928 |
| Solyc04g082400.2.1 | 1.547849 | 6.053406 | 0.00039 | 0.002864 | 3760 | 10924 | 6055 | 1562 | 1310 | 870 |
| Solyc06g073780.2.1 | 1.547961 | 5.876764 | 0.000214 | 0.001724 | 3571 | 9242 | 5323 | 1272 | 1385 | 728 |
| Solyc05g056260.2.1 | 1.548786 | 5.096872 | 7.45E-05 | 0.000704 | 2181 | 4669 | 3425 | 478 | 932 | 564 |
| Solyc03g096800.2.1 | 1.548816 | 5.508518 | 0.000368 | 0.002727 | 4514 | 5793 | 2828 | 1020 | 1146 | 492 |
| Solyc01g104910.2.1 | 1.549323 | 5.352558 | 0.000195 | 0.001597 | 2283 | 7897 | 3011 | 584 | 1117 | 660 |
| Solyc08g006650.2.1 | 1.549386 | 3.079957 | 0.001179 | 0.007298 | 450 | 1301 | 853 | 169 | 213 | 106 |
| Solyc04g015450.2.1 | 1.549841 | 6.32053 | 0.000648 | 0.004408 | 7356 | 9546 | 6080 | 2003 | 1570 | 947 |
| Solyc07g005140.2.1 | 1.549896 | 3.503308 | 0.00168 | 0.009818 | 430 | 1559 | 1482 | 225 | 303 | 134 |
| Solyc09g042740.2.1 | 1.550654 | 4.632139 | 8.25E-05 | 0.000767 | 1640 | 3203 | 2521 | 513 | 531 | 355 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|-------|-------|------|------|------|
| Solyc01g105540.2.1 | 1.550904 | 4.885441 | 0.000113 | 0.001006 | 2731 | 3065 | 2526 | 594 | 718 | 388 |
| Solyc02g021050.2.1 | 1.551122 | 3.559025 | 0.000457 | 0.003273 | 743 | 1617 | 1176 | 224 | 223 | 201 |
| Solyc09g008930.2.1 | 1.551412 | 4.682224 | 0.000845 | 0.005509 | 2801 | 2680 | 1650 | 657 | 442 | 327 |
| Solyc03g006140.2.1 | 1.55163 | 6.336803 | 0.00026 | 0.002033 | 5461 | 9251 | 8865 | 1458 | 1935 | 1216 |
| Solyc09g072650.2.1 | 1.556682 | 3.851692 | 0.000945 | 0.00605 | 539 | 2524 | 1561 | 211 | 358 | 247 |
| Solyc03g097130.2.1 | 1.557198 | 3.737385 | 0.000903 | 0.005824 | 1139 | 1624 | 1099 | 367 | 247 | 136 |
| Solyc12g017410.1.1 | 1.558118 | 3.509332 | 0.000371 | 0.002745 | 658 | 1726 | 1110 | 183 | 307 | 166 |
| Solyc04g039730.2.1 | 1.558142 | 3.127353 | 0.000934 | 0.005997 | 525 | 1248 | 873 | 174 | 231 | 102 |
| Solyc09g065120.2.1 | 1.558607 | 5.562868 | 0.000111 | 0.000987 | 4256 | 6024 | 3487 | 804 | 1117 | 751 |
| Solyc11g062100.1.1 | 1.559533 | 4.203376 | 0.000873 | 0.005662 | 692 | 3003 | 2133 | 272 | 622 | 216 |
| Solyc01g096470.2.1 | 1.559747 | 3.302579 | 0.000761 | 0.005041 | 709 | 1353 | 879 | 143 | 208 | 190 |
| Solyc05g008940.2.1 | 1.56481 | 3.285038 | 0.001016 | 0.006424 | 527 | 1677 | 869 | 222 | 230 | 106 |
| Solyc01g007740.2.1 | 1.566574 | 4.88115 | 6.47E-05 | 0.000624 | 1611 | 4339 | 3100 | 543 | 700 | 426 |
| Solyc03g081240.2.1 | 1.566741 | 5.13644 | 0.000223 | 0.001786 | 3662 | 3225 | 2793 | 557 | 992 | 492 |
| Solyc08g007950.2.1 | 1.568877 | 4.483032 | 9.11E-05 | 0.000835 | 1292 | 3084 | 2398 | 391 | 488 | 364 |
| Solyc03g098280.2.1 | 1.570228 | 6.74642 | 0.000822 | 0.005381 | 5380 | 17889 | 10631 | 1197 | 3430 | 1676 |
| Solyc09g014450.2.1 | 1.57033 | 4.269348 | 0.000271 | 0.00211 | 925 | 3484 | 1777 | 269 | 566 | 284 |
| Solyc01g097800.2.1 | 1.571779 | 3.415203 | 0.001037 | 0.006531 | 608 | 1585 | 1076 | 119 | 257 | 213 |
| Solyc01g103750.2.1 | 1.572746 | 5.329124 | 6.39E-05 | 0.000617 | 2865 | 5034 | 3981 | 730 | 788 | 682 |
| Solyc01g096870.2.1 | 1.57489 | 5.747887 | 0.000308 | 0.002348 | 2611 | 8725 | 5572 | 762 | 1305 | 938 |
| Solyc06g051080.2.1 | 1.574974 | 4.666996 | 5.76E-05 | 0.000564 | 1762 | 3869 | 2137 | 406 | 749 | 328 |
| Solyc01g094890.2.1 | 1.575663 | 5.090193 | 0.000494 | 0.003484 | 1556 | 4467 | 4329 | 367 | 1013 | 580 |
| Solyc12g096500.1.1 | 1.576058 | 6.853278 | 0.00024 | 0.001904 | 8756 | 15613 | 10133 | 2459 | 2676 | 1426 |
| Solyc02g068910.2.1 | 1.57624 | 4.326154 | 0.000799 | 0.005258 | 998 | 3119 | 2131 | 185 | 524 | 408 |
| Solyc04g016240.2.1 | 1.576624 | 4.906912 | 0.000489 | 0.003469 | 1268 | 5076 | 3212 | 330 | 953 | 469 |
| Solyc05g013960.2.1 | 1.577102 | 4.139886 | 8.72E-05 | 0.000804 | 1451 | 2138 | 1546 | 343 | 410 | 240 |
| Solyc11g006340.1.1 | 1.577952 | 4.474717 | 0.001258 | 0.0077 | 952 | 4336 | 1998 | 211 | 833 | 300 |
| Solyc04g049390.2.1 | 1.578233 | 3.940816 | 0.000276 | 0.002145 | 1446 | 1603 | 1286 | 328 | 346 | 191 |
| Solyc05g013310.1.1 | 1.578359 | 3.034092 | 0.001489 | 0.008889 | 805 | 1025 | 530 | 173 | 170 | 111 |
| Solyc06g065480.2.1 | 1.57844 | 5.595592 | 0.000727 | 0.004857 | 5209 | 5303 | 3099 | 1224 | 826 | 603 |
| Solyc07g017990.2.1 | 1.579042 | 3.094845 | 0.000945 | 0.00605 | 472 | 1545 | 705 | 155 | 209 | 118 |
| Solyc07g066430.2.1 | 1.579624 | 4.263263 | 0.000717 | 0.004802 | 724 | 3236 | 2170 | 241 | 486 | 346 |
| Solyc06g082610.2.1 | 1.581467 | 2.806523 | 0.001417 | 0.008525 | 498 | 899 | 672 | 140 | 195 | 71 |
| Solyc03g113800.2.1 | 1.584889 | 6.706901 | 0.000256 | 0.002005 | 6000 | 14956 | 11025 | 2093 | 2322 | 1428 |
| Solyc06g008760.1.1 | 1.586076 | 4.685987 | 0.00055 | 0.003822 | 986 | 3933 | 3161 | 337 | 836 | 342 |
| Solyc07g062610.2.1 | 1.588311 | 5.035735 | 5.88E-05 | 0.000575 | 2098 | 4594 | 3257 | 676 | 597 | 506 |
| Solyc06g048540.2.1 | 1.588403 | 5.423922 | 0.000192 | 0.001572 | 2157 | 6495 | 4690 | 523 | 1132 | 754 |
| Solyc07g063530.2.1 | 1.589485 | 5.129105 | 0.000237 | 0.001882 | 3385 | 3836 | 2736 | 872 | 702 | 378 |
| Solyc04g005800.2.1 | 1.590224 | 5.452971 | 0.000274 | 0.002128 | 1921 | 6340 | 5320 | 642 | 1338 | 573 |
| Solyc01g095280.2.1 | 1.590647 | 3.867412 | 0.000287 | 0.002212 | 759 | 2262 | 1521 | 189 | 397 | 238 |
| Solyc05g013320.1.1 | 1.592048 | 4.32751 | 0.00019 | 0.001564 | 2049 | 2443 | 1280 | 385 | 461 | 275 |
| Solyc01g103430.2.1 | 1.595671 | 6.354619 | 0.000266 | 0.002077 | 7374 | 10243 | 6297 | 1255 | 1703 | 1479 |
| Solyc11g020300.1.1 | 1.596521 | 5.726617 | 0.000863 | 0.005607 | 2241 | 8874 | 5779 | 521 | 1624 | 890 |
| Solyc06g062840.2.1 | 1.596731 | 3.291515 | 0.001062 | 0.006662 | 661 | 1282 | 980 | 187 | 139 | 183 |
| Solyc01g106430.2.1 | 1.597241 | 6.287343 | 0.000695 | 0.004671 | 6950 | 8059 | 7218 | 1980 | 1217 | 1008 |
| Solyc05g014790.2.1 | 1.597595 | 4.870883 | 4.01E-05 | 0.000414 | 1685 | 4381 | 2968 | 482 | 742 | 422 |
| Solyc11g072420.1.1 | 1.598977 | 3.808135 | 0.000128 | 0.001112 | 817 | 2199 | 1337 | 254 | 332 | 195 |
| Solyc07g054090.2.1 | 1.603049 | 2.919886 | 0.001392 | 0.008405 | 419 | 1203 | 736 | 86 | 223 | 120 |
| Solyc04g076180.2.1 | 1.603388 | 4.727911 | 8.50E-05 | 0.000788 | 1542 | 4332 | 2442 | 331 | 754 | 417 |
| Solyc06g053980.2.1 | 1.604578 | 3.835919 | 0.00066 | 0.004467 | 1160 | 1666 | 1329 | 391 | 258 | 136 |
| Solyc04g049850.2.1 | 1.604697 | 4.116248 | 8.23E-05 | 0.000766 | 999 | 2648 | 1726 | 262 | 431 | 271 |
| Solyc01g079680.2.1 | 1.606041 | 4.375811 | 0.000687 | 0.004624 | 1062 | 3404 | 2087 | 173 | 595 | 393 |
| Solyc02g091530.2.1 | 1.606176 | 3.43476 | 0.000592 | 0.004068 | 740 | 1471 | 1042 | 269 | 218 | 111 |
| Solyc05g012790.2.1 | 1.606757 | 3.772084 | 0.000223 | 0.001782 | 1065 | 1337 | 1492 | 220 | 374 | 181 |
| Solyc05g006650.2.1 | 1.609775 | 4.546108 | 0.000149 | 0.001266 | 2239 | 2711 | 1774 | 529 | 442 | 300 |
| Solyc01g068600.2.1 | 1.61034 | 2.94257 | 0.00153 | 0.009102 | 390 | 1231 | 789 | 176 | 184 | 73 |
| Solyc11g010300.1.1 | 1.61043 | 3.960137 | 0.000126 | 0.001099 | 1361 | 1830 | 1325 | 324 | 341 | 195 |
| Solyc05g053280.2.1 | 1.610636 | 4.161707 | 1.00E-04 | 0.000904 | 1002 | 2678 | 1857 | 262 | 411 | 304 |
| Solyc06g075790.2.1 | 1.61163 | 4.220358 | 5.62E-05 | 0.000552 | 1476 | 2389 | 1655 | 352 | 393 | 272 |
| Solyc03g118860.2.1 | 1.612842 | 3.11309 | 0.001027 | 0.006481 | 677 | 1076 | 793 | 213 | 159 | 98 |
| Solyc12g096760.1.1 | 1.617078 | 5.787477 | 8.93E-05 | 0.000821 | 3318 | 8170 | 5557 | 1044 | 1203 | 780 |
| Solyc02g079770.2.1 | 1.617211 | 6.537425 | 0.00017 | 0.001419 | 7896 | 10779 | 8370 | 1357 | 2480 | 1373 |
| Solyc09g074520.2.1 | 1.617351 | 5.173805 | 4.77E-05 | 0.000478 | 3097 | 4911 | 2749 | 682 | 690 | 565 |
| Solyc06g063300.2.1 | 1.621543 | 3.371012 | 0.000488 | 0.003461 | 720 | 1497 | 931 | 125 | 236 | 195 |
| Solyc07g032110.2.1 | 1.622065 | 3.492141 | 0.000194 | 0.001585 | 701 | 1701 | 1070 | 201 | 287 | 141 |
| Solyc07g055200.2.1 | 1.622699 | 5.599663 | 0.000165 | 0.001383 | 2355 | 7789 | 5189 | 608 | 1358 | 755 |
| Solyc07g016180.2.1 | 1.625533 | 4.484071 | 0.000145 | 0.001239 | 1095 | 4169 | 2014 | 483 | 480 | 266 |
| Solyc05g005860.1.1 | 1.62652 | 2.59356 | 0.001241 | 0.007612 | 435 | 865 | 526 | 122 | 119 | 83 |
| Solyc11g071460.1.1 | 1.626545 | 5.480954 | 9.48E-05 | 0.000863 | 4068 | 4532 | 4114 | 800 | 859 | 723 |
| Solyc01g094940.2.1 | 1.626883 | 4.398097 | 4.69E-05 | 0.000472 | 1760 | 2701 | 1778 | 299 | 595 | 294 |
| Solyc04g077660.2.1 | 1.628682 | 4.364739 | 0.000357 | 0.002655 | 1123 | 3210 | 2114 | 185 | 621 | 351 |
| Solyc03g025590.2.1 | 1.628864 | 3.69966 | 0.000111 | 0.000988 | 1062 | 1690 | 1103 | 210 | 291 | 203 |
| Solyc09g083330.2.1 | 1.629247 | 3.571434 | 0.000932 | 0.005988 | 1361 | 1082 | 823 | 246 | 289 | 128 |
| Solyc02g093460.2.1 | 1.629335 | 3.308327 | 0.000481 | 0.003417 | 496 | 1501 | 1091 | 165 | 229 | 146 |
| Solyc03g121480.2.1 | 1.629997 | 3.723352 | 9.73E-05 | 0.000882 | 1023 | 1634 | 1246 | 226 | 304 | 191 |
| Solyc04g064680.2.1 | 1.630223 | 3.437203 | 0.000275 | 0.002138 | 706 | 1537 | 1058 | 199 | 200 | 174 |
| Solyc04g081420.2.1 | 1.631078 | 3.240311 | 0.000994 | 0.006307 | 858 | 1156 | 741 | 230 | 207 | 86 |
| Solyc05g010610.2.1 | 1.631181 | 2.485003 | 0.001298 | 0.007911 | 375 | 847 | 495 | 88 | 139 | 80 |
| Solyc03g119110.2.1 | 1.631878 | 2.670408 | 0.001051 | 0.006602 | 513 | 745 | 597 | 121 | 136 | 87 |
| Solyc09g010300.2.1 | 1.633158 | 3.942634 | 0.00022 | 0.001765 | 1310 | 1805 | 1369 | 360 | 257 | 199 |
| Solyc02g083110.1.1 | 1.635321 | 2.862014 | 0.001686 | 0.009851 | 609 | 939 | 600 | 189 | 139 | 67 |
| Solyc10g007840.2.1 | 1.639533 | 3.680863 | 0.000321 | 0.002436 | 771 | 1927 | 1273 | 136 | 326 | 233 |
| Solyc05g009630.2.1 | 1.640545 | 3.351762 | 0.000411 | 0.002997 | 697 | 1614 | 858 | 201 | 283 | 95 |
| Solyc03g080060.1.1 | 1.641763 | 5.426889 | 0.000924 | 0.005945 | 3861 | 5620 | 3265 | 1287 | 772 | 293 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|-------|------|
| Solyc03g124030.2.1 | 1.641871 | 5.101831 | 0.000444 | 0.003201 | 2772 | 4640 | 2890 | 1005 | 526 | 304 |
| Solyc06g036000.2.1 | 1.644352 | 3.40453 | 0.000469 | 0.003342 | 628 | 1544 | 1092 | 116 | 286 | 178 |
| Solyc01g088460.2.1 | 1.645279 | 2.904676 | 0.000889 | 0.005746 | 651 | 821 | 685 | 128 | 135 | 127 |
| Solyc06g062900.2.1 | 1.648413 | 2.44453 | 0.001479 | 0.008846 | 427 | 754 | 452 | 86 | 107 | 92 |
| Solyc12g015970.1.1 | 1.648829 | 4.851378 | 1.75E-05 | 0.000199 | 2222 | 3791 | 2641 | 515 | 731 | 352 |
| Solyc01g087200.2.1 | 1.648891 | 3.861059 | 0.00049 | 0.003471 | 625 | 2586 | 1502 | 159 | 416 | 230 |
| Solyc12g088400.1.1 | 1.649234 | 3.81962 | 0.000919 | 0.005917 | 697 | 2934 | 1080 | 129 | 461 | 211 |
| Solyc01g087240.2.1 | 1.649788 | 4.335307 | 6.56E-05 | 0.00063 | 1113 | 3444 | 1884 | 272 | 520 | 312 |
| Solyc06g073180.2.1 | 1.650313 | 3.846184 | 0.000837 | 0.005465 | 1102 | 2889 | 679 | 312 | 365 | 128 |
| Solyc12g043020.1.1 | 1.65153 | 4.501119 | 8.14E-05 | 0.000759 | 1443 | 3110 | 2356 | 254 | 587 | 389 |
| Solyc03g097460.2.1 | 1.652425 | 5.413281 | 2.18E-05 | 0.00024 | 2911 | 6279 | 3933 | 694 | 896 | 678 |
| Solyc12g005300.1.1 | 1.653012 | 4.297642 | 0.000637 | 0.004337 | 1250 | 1630 | 2732 | 477 | 332 | 231 |
| Solyc04g008290.2.1 | 1.653779 | 5.650121 | 0.000688 | 0.00463 | 2571 | 8442 | 5042 | 378 | 1489 | 905 |
| Solyc01g103530.2.1 | 1.653853 | 4.297588 | 0.000364 | 0.002705 | 900 | 2617 | 2537 | 218 | 480 | 356 |
| Solyc09g013100.2.1 | 1.654541 | 4.32089 | 3.42E-05 | 0.00036 | 1199 | 2908 | 2069 | 347 | 469 | 270 |
| Solyc10g005330.2.1 | 1.65482 | 4.979058 | 1.75E-05 | 0.000199 | 1928 | 5118 | 2892 | 507 | 799 | 426 |
| Solyc03g118380.1.1 | 1.655413 | 3.430632 | 0.000194 | 0.001585 | 808 | 1597 | 893 | 148 | 266 | 169 |
| Solyc10g084280.1.1 | 1.655519 | 4.616279 | 9.69E-05 | 0.000879 | 1270 | 3788 | 2653 | 290 | 643 | 403 |
| Solyc01g105690.2.1 | 1.656521 | 3.107209 | 0.000389 | 0.002861 | 713 | 1130 | 722 | 150 | 220 | 104 |
| Solyc11g011230.1.1 | 1.656998 | 2.974332 | 0.000515 | 0.003606 | 613 | 1087 | 667 | 109 | 181 | 129 |
| Solyc05g016380.2.1 | 1.657361 | 3.444567 | 0.000165 | 0.001383 | 684 | 1774 | 963 | 192 | 247 | 148 |
| Solyc12g094630.1.1 | 1.657405 | 5.876011 | 0.001505 | 0.008977 | 6288 | 5706 | 4495 | 1715 | 885 | 513 |
| Solyc04g080380.2.1 | 1.658318 | 3.269688 | 0.001643 | 0.009633 | 839 | 1317 | 726 | 272 | 173 | 74 |
| Solyc01g079860.2.1 | 1.658813 | 3.247907 | 0.00042 | 0.00305 | 499 | 1488 | 999 | 163 | 250 | 112 |
| Solyc12g007310.1.1 | 1.658852 | 6.002646 | 5.28E-05 | 0.000523 | 4339 | 8836 | 6384 | 1124 | 1541 | 835 |
| Solyc06g053840.2.1 | 1.659698 | 4.346469 | 8.40E-05 | 0.000779 | 1643 | 3480 | 1256 | 276 | 506 | 319 |
| Solyc12g049390.1.1 | 1.659804 | 4.199778 | 0.000176 | 0.001458 | 926 | 2784 | 2054 | 204 | 493 | 304 |
| Solyc07g055470.2.1 | 1.660079 | 5.466155 | 0.000179 | 0.001479 | 4683 | 4998 | 3000 | 1000 | 863 | 506 |
| Solyc04g051580.2.1 | 1.660205 | 3.745281 | 0.000236 | 0.001877 | 599 | 2034 | 1589 | 210 | 319 | 195 |
| Solyc04g015180.2.1 | 1.662344 | 2.912113 | 0.001621 | 0.009526 | 367 | 1222 | 798 | 79 | 259 | 93 |
| Solyc09g011480.2.1 | 1.664723 | 4.043248 | 3.37E-05 | 0.000355 | 1155 | 2372 | 1524 | 305 | 396 | 198 |
| Solyc02g021700.2.1 | 1.666802 | 3.130719 | 0.000539 | 0.003755 | 520 | 1367 | 852 | 106 | 249 | 127 |
| Solyc06g051960.2.1 | 1.667385 | 5.24477 | 4.68E-05 | 0.000471 | 3637 | 4333 | 3025 | 750 | 731 | 521 |
| Solyc12g070270.1.1 | 1.668832 | 3.122541 | 0.001203 | 0.007422 | 798 | 1032 | 709 | 220 | 176 | 74 |
| Solyc06g007430.1.1 | 1.671549 | 5.218192 | 1.92E-05 | 0.000215 | 2827 | 5747 | 2948 | 541 | 1023 | 490 |
| Solyc06g064460.2.1 | 1.671956 | 3.771159 | 0.000385 | 0.00283 | 1284 | 1761 | 988 | 345 | 249 | 132 |
| Solyc12g096770.1.1 | 1.672537 | 4.190862 | 0.000347 | 0.002601 | 765 | 2697 | 2289 | 412 | 406 | 175 |
| Solyc03g025310.2.1 | 1.673336 | 4.685824 | 2.13E-05 | 0.000235 | 1636 | 3582 | 2680 | 362 | 630 | 392 |
| Solyc02g087140.2.1 | 1.673651 | 3.415357 | 0.000223 | 0.001785 | 778 | 1525 | 955 | 148 | 329 | 123 |
| Solyc02g091950.2.1 | 1.675732 | 3.249388 | 0.000927 | 0.005964 | 432 | 1422 | 1134 | 107 | 294 | 129 |
| Solyc10g039290.1.1 | 1.676273 | 5.004203 | 6.15E-05 | 0.000596 | 3326 | 4056 | 2018 | 565 | 831 | 368 |
| Solyc07g045210.1.1 | 1.677153 | 4.907092 | 6.10E-05 | 0.000593 | 1433 | 4978 | 3208 | 395 | 736 | 476 |
| Solyc05g052350.2.1 | 1.67727 | 2.903858 | 0.000517 | 0.003619 | 580 | 1030 | 649 | 130 | 135 | 120 |
| Solyc01g106010.2.1 | 1.677565 | 4.18525 | 0.000101 | 0.000913 | 1804 | 2172 | 1321 | 387 | 364 | 215 |
| Solyc02g067890.2.1 | 1.679064 | 4.595801 | 0.000142 | 0.001219 | 1491 | 3439 | 2533 | 228 | 600 | 452 |
| Solyc06g069390.2.1 | 1.679115 | 2.702978 | 0.000795 | 0.005236 | 511 | 757 | 645 | 88 | 164 | 97 |
| Solyc03g025510.2.1 | 1.682488 | 4.057933 | 6.64E-05 | 0.000637 | 1243 | 2238 | 1560 | 343 | 419 | 154 |
| Solyc07g018010.2.1 | 1.682972 | 3.531401 | 0.000308 | 0.002351 | 852 | 1932 | 852 | 203 | 352 | 99 |
| Solyc09g010120.2.1 | 1.683348 | 3.244009 | 0.000432 | 0.003123 | 835 | 1035 | 875 | 116 | 232 | 155 |
| Solyc07g006520.2.1 | 1.685693 | 4.842216 | 9.15E-05 | 0.000837 | 2710 | 3246 | 1684 | 684 | 524 | 304 |
| Solyc02g036350.2.1 | 1.685899 | 9.26411 | 0.00018 | 0.001487 | 53958 | 82791 | 48008 | 8777 | 16851 | 8098 |
| Solyc02g069020.2.1 | 1.687589 | 3.232082 | 0.000534 | 0.003728 | 714 | 1266 | 859 | 105 | 317 | 110 |
| Solyc11g068730.1.1 | 1.689312 | 4.756899 | 1.18E-05 | 0.00014 | 1788 | 3941 | 2636 | 409 | 650 | 386 |
| Solyc01g056690.2.1 | 1.690318 | 3.292198 | 0.000186 | 0.001531 | 723 | 1347 | 905 | 170 | 192 | 146 |
| Solyc04g017690.2.1 | 1.690561 | 7.615621 | 0.000372 | 0.002751 | 19484 | 23247 | 14540 | 4443 | 3459 | 2332 |
| Solyc09g091860.2.1 | 1.690638 | 3.295493 | 0.000208 | 0.001681 | 595 | 1434 | 1015 | 150 | 257 | 125 |
| Solyc06g062600.2.1 | 1.691648 | 4.035674 | 0.00017 | 0.001414 | 1358 | 2270 | 1334 | 400 | 345 | 137 |
| Solyc04g072690.2.1 | 1.691746 | 2.340606 | 0.001205 | 0.007429 | 336 | 811 | 436 | 82 | 130 | 61 |
| Solyc11g066660.1.1 | 1.691784 | 3.531464 | 0.000975 | 0.006204 | 1303 | 1166 | 786 | 278 | 247 | 97 |
| Solyc03g097590.2.1 | 1.69725 | 5.615719 | 0.000105 | 0.000943 | 4791 | 5907 | 3681 | 643 | 1580 | 541 |
| Solyc02g089120.2.1 | 1.698079 | 3.750164 | 6.62E-05 | 0.000636 | 1010 | 2040 | 1111 | 170 | 252 | 176 |
| Solyc07g042150.2.1 | 1.698654 | 3.119821 | 0.000437 | 0.003155 | 528 | 1207 | 939 | 276 | 261 | 103 |
| Solyc04g079940.2.1 | 1.699834 | 6.16386 | 8.97E-05 | 0.000823 | 6854 | 9282 | 5172 | 1351 | 1673 | 823 |
| Solyc08g048390.1.1 | 1.701756 | 5.189867 | 9.91E-05 | 0.000897 | 4025 | 3822 | 2542 | 697 | 903 | 379 |
| Solyc11g068820.1.1 | 1.701893 | 5.292949 | 0.001551 | 0.009202 | 4292 | 3521 | 3141 | 1198 | 475 | 328 |
| Solyc10g085680.1.1 | 1.70215 | 2.35643 | 0.001378 | 0.008328 | 326 | 680 | 549 | 87 | 93 | 80 |
| Solyc04g051190.2.1 | 1.702161 | 5.840791 | 7.36E-05 | 0.000697 | 3903 | 8649 | 5308 | 1271 | 1175 | 593 |
| Solyc08g023490.2.1 | 1.702471 | 2.41417 | 0.001431 | 0.008605 | 404 | 726 | 481 | 121 | 109 | 51 |
| Solyc11g062430.1.1 | 1.704539 | 3.804315 | 4.38E-05 | 0.000445 | 911 | 2092 | 1346 | 216 | 370 | 170 |
| Solyc06g082390.2.1 | 1.704554 | 5.19878 | 1.09E-05 | 0.000131 | 2455 | 5923 | 3215 | 545 | 867 | 531 |
| Solyc03g044160.1.1 | 1.706015 | 3.914357 | 9.24E-05 | 0.000845 | 808 | 2660 | 1415 | 192 | 406 | 213 |
| Solyc11g010280.1.1 | 1.70658 | 5.199468 | 0.000398 | 0.002914 | 2102 | 6176 | 3499 | 262 | 903 | 740 |
| Solyc11g017200.1.1 | 1.708003 | 4.763752 | 1.09E-05 | 0.000131 | 2039 | 3576 | 2615 | 514 | 548 | 354 |
| Solyc11g013750.1.1 | 1.709508 | 3.369171 | 0.000699 | 0.004696 | 989 | 1280 | 774 | 264 | 164 | 103 |
| Solyc05g051770.2.1 | 1.709595 | 2.937898 | 0.00038 | 0.002803 | 602 | 1006 | 697 | 152 | 140 | 101 |
| Solyc12g095780.1.1 | 1.710318 | 3.307127 | 0.000333 | 0.002518 | 476 | 1403 | 1212 | 163 | 222 | 134 |
| Solyc10g086240.1.1 | 1.710428 | 4.794052 | 0.000429 | 0.003111 | 1448 | 4513 | 2911 | 195 | 715 | 539 |
| Solyc06g084290.2.1 | 1.711499 | 3.106714 | 0.000394 | 0.002887 | 546 | 1146 | 939 | 113 | 254 | 104 |
| Solyc08g079880.1.1 | 1.711614 | 3.330117 | 0.001205 | 0.00743 | 483 | 895 | 1572 | 148 | 279 | 119 |
| Solyc01g079820.2.1 | 1.714078 | 4.83245 | 7.07E-05 | 0.000673 | 1585 | 4196 | 3153 | 283 | 765 | 466 |
| Solyc01g017600.2.1 | 1.716902 | 4.997281 | 0.000243 | 0.001925 | 1746 | 2688 | 4862 | 528 | 587 | 506 |
| Solyc04g081070.2.1 | 1.717292 | 5.279238 | 6.00E-05 | 0.000585 | 2246 | 6131 | 3940 | 384 | 1123 | 588 |
| Solyc03g078000.2.1 | 1.718302 | 5.925446 | 0.000267 | 0.002084 | 5104 | 7227 | 5715 | 1586 | 994 | 560 |
| Solyc12g021360.1.1 | 1.718992 | 3.687985 | 6.12E-05 | 0.000595 | 1045 | 1638 | 1181 | 254 | 249 | 162 |

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|--------------------|----------|----------|----------|----------|-------|-------|-------|------|-------|------|
| Solyc10g008790.2.1 | 1.719737 | 2.363744 | 0.001235 | 0.00758 | 326 | 682 | 559 | 101 | 94 | 67 |
| Solyc04g045470.2.1 | 1.720246 | 2.887581 | 0.000773 | 0.005114 | 397 | 1050 | 855 | 149 | 186 | 64 |
| Solyc07g006810.2.1 | 1.72057 | 3.899437 | 4.68E-05 | 0.000471 | 844 | 2493 | 1444 | 217 | 378 | 198 |
| Solyc03g120710.2.1 | 1.721006 | 5.226684 | 2.43E-05 | 0.000264 | 1909 | 6171 | 3957 | 687 | 774 | 485 |
| Solyc10g038190.1.1 | 1.721367 | 2.433715 | 0.000939 | 0.006019 | 371 | 646 | 597 | 95 | 111 | 72 |
| Solyc11g066110.1.1 | 1.721805 | 6.314461 | 0.000578 | 0.003984 | 7765 | 9278 | 6278 | 2156 | 1218 | 712 |
| Solyc01g109830.2.1 | 1.724133 | 4.204638 | 6.75E-05 | 0.000645 | 893 | 3146 | 1934 | 231 | 481 | 266 |
| Solyc03g113240.2.1 | 1.724472 | 5.136587 | 0.000212 | 0.00171 | 3422 | 4105 | 2782 | 934 | 566 | 311 |
| Solyc01g097160.2.1 | 1.726637 | 3.120942 | 0.000768 | 0.005085 | 626 | 1132 | 877 | 215 | 118 | 101 |
| Solyc08g048550.2.1 | 1.728928 | 4.061773 | 0.000213 | 0.001718 | 1538 | 1952 | 1422 | 416 | 230 | 190 |
| Solyc11g072710.1.1 | 1.729508 | 7.202943 | 0.000213 | 0.001718 | 15987 | 17407 | 9537 | 2518 | 3094 | 2010 |
| Solyc11g068950.1.1 | 1.733394 | 7.581241 | 0.000183 | 0.001511 | 10310 | 30451 | 20431 | 2260 | 5386 | 2633 |
| Solyc06g009630.1.1 | 1.737084 | 6.74895 | 0.000157 | 0.001322 | 9040 | 11587 | 10969 | 2376 | 1807 | 1273 |
| Solyc08g076310.2.1 | 1.738159 | 2.679584 | 0.001014 | 0.006413 | 280 | 1108 | 695 | 99 | 170 | 72 |
| Solyc03g116560.1.1 | 1.740636 | 3.021634 | 0.000267 | 0.002084 | 570 | 1220 | 737 | 103 | 217 | 109 |
| Solyc04g077010.2.1 | 1.7411 | 6.093898 | 3.69E-05 | 0.000385 | 5687 | 10288 | 5175 | 937 | 1717 | 938 |
| Solyc10g078920.1.1 | 1.741329 | 5.223123 | 0.000895 | 0.005779 | 4784 | 2686 | 2622 | 935 | 605 | 361 |
| Solyc01g108300.2.1 | 1.742553 | 5.830643 | 3.03E-05 | 0.000323 | 4152 | 8008 | 5400 | 797 | 1617 | 658 |
| Solyc03g005000.2.1 | 1.742571 | 4.757834 | 1.75E-05 | 0.000199 | 2284 | 3402 | 2433 | 569 | 484 | 322 |
| Solyc05g008040.2.1 | 1.742932 | 2.999986 | 0.000816 | 0.005343 | 315 | 1427 | 888 | 141 | 196 | 85 |
| Solyc09g083050.2.1 | 1.743385 | 4.024195 | 0.000728 | 0.004864 | 576 | 4033 | 1180 | 185 | 406 | 254 |
| Solyc01g107330.2.1 | 1.743438 | 3.846125 | 0.000585 | 0.004027 | 665 | 2441 | 1565 | 108 | 449 | 217 |
| Solyc01g106820.2.1 | 1.743983 | 3.359858 | 0.001007 | 0.006377 | 906 | 1667 | 627 | 272 | 132 | 105 |
| Solyc02g067660.2.1 | 1.746261 | 3.659677 | 5.57E-05 | 0.000548 | 1026 | 1840 | 1023 | 232 | 308 | 128 |
| Solyc06g068140.2.1 | 1.747866 | 6.944945 | 0.000139 | 0.001197 | 11530 | 16901 | 8860 | 2655 | 2455 | 1262 |
| Solyc09g072900.2.1 | 1.748496 | 3.509407 | 0.000173 | 0.001437 | 822 | 1671 | 1040 | 260 | 233 | 99 |
| Solyc09g063010.2.1 | 1.749304 | 3.735807 | 0.000871 | 0.005653 | 1735 | 1443 | 588 | 256 | 299 | 140 |
| Solyc08g082120.2.1 | 1.751236 | 6.78111 | 0.000264 | 0.002061 | 4176 | 20642 | 11968 | 1799 | 2241 | 1555 |
| Solyc11g072540.1.1 | 1.751449 | 5.249008 | 6.15E-05 | 0.000597 | 3996 | 4286 | 2782 | 804 | 630 | 472 |
| Solyc02g062140.2.1 | 1.751858 | 4.989677 | 0.000135 | 0.001164 | 3520 | 3630 | 2067 | 742 | 558 | 318 |
| Solyc04g008690.2.1 | 1.753234 | 3.49774 | 6.11E-05 | 0.000594 | 859 | 1543 | 1052 | 175 | 221 | 171 |
| Solyc12g014390.1.1 | 1.753272 | 5.013442 | 0.000268 | 0.002086 | 2767 | 3855 | 3004 | 912 | 436 | 270 |
| Solyc12g070280.1.1 | 1.754812 | 2.764678 | 0.000722 | 0.00483 | 599 | 867 | 566 | 154 | 131 | 63 |
| Solyc10g083490.1.1 | 1.755122 | 4.598372 | 8.53E-06 | 0.000106 | 1519 | 3535 | 2531 | 422 | 552 | 284 |
| Solyc10g005530.2.1 | 1.755715 | 5.53353 | 5.31E-05 | 0.000526 | 2413 | 8187 | 4553 | 504 | 1289 | 656 |
| Solyc07g045170.2.1 | 1.755872 | 2.363874 | 0.001394 | 0.008412 | 231 | 851 | 577 | 71 | 129 | 67 |
| Solyc06g066030.2.1 | 1.756084 | 5.418999 | 7.98E-06 | 0.0001 | 3551 | 5115 | 4125 | 758 | 944 | 510 |
| Solyc06g066340.2.1 | 1.756775 | 2.050746 | 0.001709 | 0.009971 | 203 | 694 | 435 | 66 | 99 | 49 |
| Solyc02g086090.2.1 | 1.757112 | 3.363549 | 0.000132 | 0.001142 | 967 | 1302 | 798 | 140 | 257 | 138 |
| Solyc11g068790.1.1 | 1.757265 | 3.966458 | 4.55E-05 | 0.000459 | 934 | 2365 | 1634 | 179 | 430 | 215 |
| Solyc05g007120.2.1 | 1.757703 | 4.61509 | 1.04E-05 | 0.000126 | 1790 | 3519 | 2285 | 324 | 509 | 399 |
| Solyc05g015050.2.1 | 1.759193 | 5.668887 | 0.001545 | 0.009179 | 6884 | 3999 | 2942 | 1318 | 731 | 491 |
| Solyc09g011210.2.1 | 1.763218 | 2.666188 | 0.000552 | 0.00383 | 423 | 868 | 661 | 113 | 102 | 95 |
| Solyc10g075100.1.1 | 1.765447 | 9.047357 | 0.000282 | 0.002183 | 34900 | 89125 | 46079 | 9608 | 15528 | 3809 |
| Solyc03g113030.2.1 | 1.766123 | 3.14563 | 0.000515 | 0.003611 | 451 | 1105 | 1167 | 138 | 150 | 144 |
| Solyc03g119600.1.1 | 1.766742 | 3.846904 | 0.000109 | 0.000975 | 975 | 2437 | 1199 | 149 | 293 | 268 |
| Solyc01g110020.2.1 | 1.767477 | 3.446719 | 0.000183 | 0.001506 | 661 | 1701 | 1095 | 112 | 248 | 188 |
| Solyc04g050540.2.1 | 1.76904 | 3.918303 | 3.77E-05 | 0.000391 | 856 | 2285 | 1648 | 259 | 378 | 156 |
| Solyc06g006000.2.1 | 1.77017 | 5.733177 | 5.47E-05 | 0.00054 | 4117 | 4912 | 6455 | 742 | 1183 | 777 |
| Solyc04g016360.2.1 | 1.771068 | 5.2931 | 6.37E-05 | 0.000616 | 1677 | 6476 | 4620 | 450 | 966 | 596 |
| Solyc04g079790.2.1 | 1.772008 | 5.194207 | 7.95E-06 | 0.0001 | 2585 | 4639 | 3948 | 688 | 682 | 465 |
| Solyc01g094570.2.1 | 1.772246 | 3.23996 | 0.000114 | 0.00101 | 807 | 1271 | 789 | 137 | 230 | 120 |
| Solyc12g098350.1.1 | 1.774367 | 4.033258 | 2.49E-05 | 0.000271 | 1555 | 1924 | 1362 | 301 | 335 | 194 |
| Solyc06g069450.2.1 | 1.774824 | 2.589023 | 0.000541 | 0.003768 | 509 | 855 | 475 | 75 | 132 | 94 |
| Solyc07g049230.1.1 | 1.775113 | 3.73906 | 5.82E-05 | 0.00057 | 810 | 2014 | 1392 | 274 | 226 | 162 |
| Solyc11g069470.1.1 | 1.775569 | 4.808057 | 5.92E-06 | 7.78E-05 | 1971 | 4428 | 2472 | 368 | 741 | 355 |
| Solyc06g007760.2.1 | 1.77565 | 4.27515 | 0.001033 | 0.006512 | 1867 | 1994 | 1758 | 582 | 205 | 156 |
| Solyc01g080080.2.1 | 1.776671 | 3.731124 | 3.29E-05 | 0.000348 | 900 | 2025 | 1254 | 179 | 273 | 209 |
| Solyc01g079360.2.1 | 1.778173 | 5.12124 | 2.04E-05 | 0.000228 | 2686 | 4685 | 3304 | 801 | 596 | 348 |
| Solyc10g079840.1.1 | 1.778299 | 3.040117 | 0.00035 | 0.002616 | 810 | 990 | 629 | 98 | 220 | 109 |
| Solyc08g083010.2.1 | 1.781221 | 4.484812 | 0.001412 | 0.008503 | 2878 | 1778 | 1486 | 620 | 279 | 197 |
| Solyc02g093630.2.1 | 1.781348 | 6.99212 | 4.97E-05 | 0.000496 | 8180 | 17795 | 13757 | 1663 | 3402 | 1594 |
| Solyc04g008730.2.1 | 1.781958 | 4.241006 | 4.04E-05 | 0.000415 | 1407 | 2084 | 2151 | 203 | 501 | 273 |
| Solyc04g078810.2.1 | 1.782145 | 2.314473 | 0.001635 | 0.009595 | 251 | 664 | 630 | 60 | 150 | 54 |
| Solyc04g080390.2.1 | 1.783612 | 4.341205 | 9.87E-06 | 0.000121 | 1749 | 2658 | 1739 | 379 | 390 | 246 |
| Solyc08g081830.2.1 | 1.784853 | 3.252031 | 0.000154 | 0.0013 | 626 | 1376 | 973 | 106 | 242 | 139 |
| Solyc01g105460.2.1 | 1.785311 | 4.502053 | 8.51E-06 | 0.000106 | 1452 | 3279 | 2376 | 343 | 596 | 247 |
| Solyc03g026110.2.1 | 1.786751 | 4.801519 | 4.88E-06 | 6.57E-05 | 2032 | 4151 | 2550 | 379 | 574 | 432 |
| Solyc03g117810.2.1 | 1.789227 | 5.513731 | 6.56E-06 | 8.50E-05 | 2949 | 6964 | 4560 | 667 | 1150 | 547 |
| Solyc01g103110.2.1 | 1.789518 | 3.906454 | 1.28E-05 | 0.000151 | 1210 | 2061 | 1331 | 232 | 347 | 185 |
| Solyc12g014150.1.1 | 1.79046 | 2.013182 | 0.001382 | 0.00835 | 311 | 450 | 434 | 77 | 82 | 43 |
| Solyc01g080150.2.1 | 1.791633 | 3.901309 | 0.000494 | 0.003484 | 427 | 2427 | 2054 | 206 | 372 | 189 |
| Solyc08g005860.2.1 | 1.792041 | 4.185874 | 2.53E-05 | 0.000275 | 874 | 2998 | 2040 | 289 | 399 | 231 |
| Solyc08g068590.2.1 | 1.792174 | 3.42785 | 0.000372 | 0.002752 | 866 | 1387 | 1014 | 277 | 152 | 98 |
| Solyc05g009920.2.1 | 1.794029 | 3.418982 | 0.000131 | 0.001139 | 751 | 1474 | 1083 | 223 | 156 | 137 |
| Solyc12g005280.1.1 | 1.794132 | 2.584414 | 0.00099 | 0.006286 | 254 | 903 | 760 | 93 | 154 | 63 |
| Solyc01g107430.2.1 | 1.795123 | 3.87943 | 0.000167 | 0.001395 | 1776 | 1567 | 871 | 246 | 301 | 188 |
| Solyc08g043180.2.1 | 1.795502 | 4.41636 | 0.000147 | 0.001254 | 1483 | 2788 | 2297 | 563 | 334 | 165 |
| Solyc08g081310.2.1 | 1.796716 | 5.426399 | 3.53E-06 | 4.93E-05 | 3046 | 6153 | 4226 | 725 | 953 | 504 |
| Solyc07g006340.2.1 | 1.796892 | 3.573449 | 0.000135 | 0.001166 | 1211 | 1342 | 935 | 250 | 217 | 125 |
| Solyc02g069030.2.1 | 1.798752 | 2.94655 | 0.000649 | 0.004408 | 822 | 924 | 520 | 168 | 154 | 67 |
| Solyc01g006970.2.1 | 1.798883 | 4.69779 | 5.04E-06 | 6.76E-05 | 1699 | 4308 | 2341 | 343 | 641 | 341 |
| Solyc09g092160.2.1 | 1.799748 | 3.904749 | 0.000677 | 0.004566 | 1727 | 1601 | 985 | 394 | 189 | 141 |
| Solyc09g065130.2.1 | 1.800594 | 4.219682 | 0.000193 | 0.001581 | 701 | 3498 | 2062 | 190 | 444 | 299 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc10g085100.1.1 | 1.802773 | 3.957893 | 0.000118 | 0.001041 | 847 | 2470 | 1680 | 342 | 345 | 113 |
| Solyc02g086150.2.1 | 1.803619 | 2.586587 | 0.000558 | 0.003866 | 342 | 886 | 666 | 85 | 108 | 96 |
| Solyc01g087260.2.1 | 1.804825 | 5.945264 | 0.000535 | 0.003735 | 7349 | 6295 | 3988 | 1546 | 859 | 593 |
| Solyc11g045100.1.1 | 1.804861 | 2.356287 | 0.000574 | 0.003962 | 326 | 766 | 517 | 72 | 117 | 67 |
| Solyc01g096190.2.1 | 1.807773 | 4.219127 | 7.44E-06 | 9.47E-05 | 1380 | 2709 | 1728 | 239 | 466 | 243 |
| Solyc05g052710.2.1 | 1.808494 | 4.571597 | 1.85E-05 | 0.000209 | 2201 | 2606 | 2209 | 465 | 389 | 300 |
| Solyc07g042260.2.1 | 1.809167 | 4.262818 | 2.00E-05 | 0.000223 | 1952 | 2564 | 1272 | 305 | 429 | 232 |
| Solyc12g005040.1.1 | 1.809844 | 2.997293 | 0.000574 | 0.003964 | 907 | 804 | 571 | 137 | 129 | 116 |
| Solyc03g113620.2.1 | 1.810971 | 5.214006 | 1.70E-05 | 0.000194 | 3925 | 4596 | 2517 | 658 | 715 | 460 |
| Solyc04g025040.1.1 | 1.811344 | 5.789496 | 1.08E-05 | 0.00013 | 3816 | 7803 | 5670 | 790 | 1161 | 786 |
| Solyc07g063430.2.1 | 1.811876 | 7.09991 | 0.000494 | 0.003484 | 13789 | 18379 | 9345 | 3597 | 1835 | 1221 |
| Solyc09g011830.2.1 | 1.815114 | 3.481559 | 6.06E-05 | 0.00059 | 588 | 1861 | 1180 | 174 | 232 | 146 |
| Solyc08g082670.2.1 | 1.815847 | 4.405808 | 0.000209 | 0.001695 | 2716 | 1579 | 1515 | 385 | 419 | 246 |
| Solyc11g012820.1.1 | 1.815905 | 2.972254 | 0.000147 | 0.001252 | 532 | 1187 | 755 | 98 | 188 | 107 |
| Solyc09g056160.2.1 | 1.818116 | 4.817592 | 6.42E-05 | 0.000619 | 1065 | 5124 | 3254 | 355 | 755 | 340 |
| Solyc01g079390.2.1 | 1.819033 | 5.493389 | 8.81E-06 | 0.000109 | 4292 | 5758 | 3543 | 807 | 853 | 553 |
| Solyc12g014110.1.1 | 1.821481 | 4.295621 | 0.00049 | 0.003471 | 547 | 2933 | 2910 | 226 | 435 | 305 |
| Solyc01g105410.2.1 | 1.823932 | 7.182732 | 3.43E-05 | 0.000361 | 11616 | 23816 | 10907 | 2120 | 3591 | 1680 |
| Solyc07g063610.2.1 | 1.824708 | 2.640464 | 0.000686 | 0.004621 | 338 | 814 | 787 | 120 | 144 | 52 |
| Solyc12g013890.1.1 | 1.825546 | 3.696935 | 0.000816 | 0.005346 | 1300 | 1508 | 1030 | 367 | 189 | 79 |
| Solyc04g051780.2.1 | 1.825957 | 3.104211 | 0.000118 | 0.001045 | 619 | 1293 | 793 | 107 | 228 | 103 |
| Solyc01g005330.2.1 | 1.827794 | 5.228768 | 6.40E-06 | 8.32E-05 | 2370 | 5740 | 3848 | 440 | 809 | 585 |
| Solyc04g081210.2.1 | 1.828361 | 4.927735 | 2.32E-06 | 3.42E-05 | 2233 | 4449 | 2873 | 408 | 776 | 363 |
| Solyc02g078860.2.1 | 1.830723 | 2.943316 | 0.000329 | 0.002493 | 517 | 1067 | 811 | 167 | 105 | 91 |
| Solyc11g069510.1.1 | 1.830938 | 3.88101 | 8.38E-06 | 0.000104 | 1175 | 2018 | 1355 | 231 | 325 | 176 |
| Solyc01g083380.1.1 | 1.831173 | 5.797159 | 0.000175 | 0.001451 | 5404 | 7955 | 3735 | 1214 | 1292 | 353 |
| Solyc09g091010.2.1 | 1.831591 | 3.584914 | 2.87E-05 | 0.000307 | 1017 | 1471 | 1137 | 217 | 236 | 136 |
| Solyc08g079180.2.1 | 1.831951 | 4.867705 | 7.07E-05 | 0.000673 | 1130 | 5990 | 2916 | 325 | 726 | 411 |
| Solyc01g097820.2.1 | 1.832773 | 1.862438 | 0.001466 | 0.008776 | 247 | 575 | 329 | 54 | 104 | 30 |
| Solyc02g005210.2.1 | 1.832975 | 4.765685 | 2.00E-06 | 3.03E-05 | 1983 | 3867 | 2656 | 399 | 554 | 375 |
| Solyc03g117600.2.1 | 1.833708 | 5.647424 | 6.32E-06 | 8.23E-05 | 3229 | 7009 | 5509 | 839 | 1143 | 536 |
| Solyc10g086220.1.1 | 1.834111 | 5.619292 | 1.63E-05 | 0.000187 | 2546 | 8200 | 5327 | 595 | 1109 | 718 |
| Solyc02g085030.2.1 | 1.836207 | 2.868002 | 0.000557 | 0.003857 | 324 | 1049 | 954 | 141 | 118 | 89 |
| Solyc11g065930.1.1 | 1.836765 | 7.463344 | 0.00105 | 0.0066 | 4170 | 27864 | 26348 | 2520 | 3816 | 2356 |
| Solyc09g098580.2.1 | 1.840147 | 4.493016 | 8.72E-06 | 0.000108 | 1849 | 3261 | 1908 | 464 | 396 | 234 |
| Solyc12g015640.1.1 | 1.840885 | 3.36572 | 4.19E-05 | 0.000429 | 861 | 1501 | 843 | 175 | 201 | 125 |
| Solyc12g099160.1.1 | 1.842116 | 4.252508 | 0.000112 | 0.001 | 1195 | 2731 | 2091 | 142 | 414 | 356 |
| Solyc09g082810.2.1 | 1.846838 | 5.481738 | 0.000319 | 0.002424 | 1205 | 9006 | 5252 | 522 | 957 | 686 |
| Solyc06g075360.2.1 | 1.848361 | 3.491303 | 0.000158 | 0.00133 | 520 | 1835 | 1318 | 113 | 292 | 156 |
| Solyc10g084250.1.1 | 1.851929 | 2.638663 | 0.000401 | 0.002929 | 346 | 855 | 755 | 79 | 122 | 95 |
| Solyc02g092610.2.1 | 1.851963 | 2.549759 | 0.001236 | 0.007585 | 429 | 688 | 655 | 40 | 139 | 103 |
| Solyc02g092920.2.1 | 1.854731 | 5.279274 | 7.73E-05 | 0.000725 | 1953 | 6346 | 4395 | 331 | 754 | 735 |
| Solyc06g069630.2.1 | 1.855326 | 2.881887 | 0.000946 | 0.00605 | 759 | 791 | 606 | 182 | 86 | 74 |
| Solyc01g081490.2.1 | 1.856738 | 4.289968 | 1.09E-05 | 0.000131 | 1502 | 2637 | 1923 | 404 | 311 | 215 |
| Solyc03g083090.2.1 | 1.856858 | 6.253034 | 1.04E-05 | 0.000126 | 5722 | 10286 | 7702 | 1075 | 1495 | 1087 |
| Solyc08g066140.2.1 | 1.857271 | 3.821064 | 8.07E-06 | 0.000101 | 953 | 2023 | 1475 | 215 | 306 | 170 |
| Solyc09g091240.2.1 | 1.858452 | 4.336041 | 4.54E-05 | 0.000459 | 1349 | 2535 | 2357 | 473 | 305 | 185 |
| Solyc08g005800.2.1 | 1.858541 | 6.007742 | 5.75E-05 | 0.000564 | 3162 | 7979 | 9010 | 1088 | 1425 | 672 |
| Solyc06g009790.2.1 | 1.859484 | 2.939325 | 0.000408 | 0.002974 | 484 | 1123 | 820 | 59 | 204 | 116 |
| Solyc10g083350.1.1 | 1.859511 | 2.929864 | 0.000118 | 0.00104 | 541 | 989 | 821 | 135 | 156 | 80 |
| Solyc05g051460.2.1 | 1.859535 | 4.854937 | 0.000881 | 0.005703 | 689 | 4972 | 4073 | 231 | 810 | 413 |
| Solyc05g056370.2.1 | 1.859608 | 5.644895 | 2.17E-05 | 0.000239 | 5536 | 5609 | 3571 | 851 | 1027 | 564 |
| Solyc04g071700.2.1 | 1.8609 | 2.857486 | 0.001346 | 0.008165 | 709 | 849 | 598 | 195 | 79 | 62 |
| Solyc04g049630.2.1 | 1.860901 | 3.740816 | 2.24E-05 | 0.000246 | 713 | 2045 | 1546 | 185 | 301 | 168 |
| Solyc03g112940.2.1 | 1.861435 | 3.461699 | 4.04E-05 | 0.000416 | 690 | 1927 | 991 | 200 | 231 | 109 |
| Solyc04g015850.2.1 | 1.862147 | 2.774291 | 0.000343 | 0.002578 | 613 | 833 | 614 | 145 | 126 | 60 |
| Solyc10g081310.1.1 | 1.862418 | 5.526243 | 5.00E-05 | 0.000499 | 1987 | 7951 | 5376 | 491 | 959 | 748 |
| Solyc09g074100.2.1 | 1.862966 | 4.328758 | 1.41E-05 | 0.000165 | 1941 | 2794 | 1434 | 398 | 361 | 208 |
| Solyc06g051900.2.1 | 1.864235 | 3.242796 | 6.66E-05 | 0.000638 | 767 | 1286 | 870 | 158 | 153 | 131 |
| Solyc07g061900.2.1 | 1.864863 | 5.391001 | 6.32E-06 | 8.23E-05 | 3216 | 5457 | 4290 | 870 | 699 | 435 |
| Solyc11g008540.1.1 | 1.865876 | 4.734542 | 6.93E-05 | 0.00066 | 3026 | 2626 | 2029 | 578 | 391 | 284 |
| Solyc05g052030.1.1 | 1.866916 | 6.157322 | 9.13E-06 | 0.000113 | 6180 | 9747 | 6137 | 949 | 1551 | 961 |
| Solyc03g078080.2.1 | 1.868108 | 4.440935 | 0.000722 | 0.00483 | 2219 | 2443 | 1773 | 638 | 203 | 162 |
| Solyc04g007000.1.1 | 1.868305 | 6.188177 | 0.000129 | 0.001126 | 7252 | 9938 | 5124 | 1692 | 1336 | 535 |
| Solyc11g045250.1.1 | 1.868597 | 2.84365 | 0.000745 | 0.004953 | 261 | 1329 | 829 | 73 | 168 | 106 |
| Solyc10g007320.2.1 | 1.868935 | 3.814456 | 0.000191 | 0.001564 | 480 | 2161 | 1961 | 195 | 261 | 207 |
| Solyc06g048950.2.1 | 1.869386 | 2.936828 | 0.000116 | 0.001027 | 680 | 881 | 731 | 123 | 142 | 98 |
| Solyc06g065260.2.1 | 1.871254 | 5.170264 | 2.26E-06 | 3.34E-05 | 3372 | 4952 | 2759 | 551 | 746 | 443 |
| Solyc09g065300.2.1 | 1.871406 | 3.305831 | 6.26E-05 | 0.000606 | 708 | 1332 | 1036 | 192 | 191 | 95 |
| Solyc04g080470.2.1 | 1.871794 | 3.013267 | 0.000153 | 0.001292 | 635 | 1053 | 795 | 80 | 202 | 113 |
| Solyc02g079360.1.1 | 1.873529 | 2.505521 | 0.000793 | 0.005227 | 514 | 653 | 528 | 132 | 87 | 49 |
| Solyc06g050760.1.1 | 1.875249 | 3.816459 | 0.000103 | 0.00093 | 1446 | 1540 | 1170 | 322 | 208 | 133 |
| Solyc01g099260.2.1 | 1.879366 | 4.835707 | 1.96E-06 | 2.98E-05 | 1971 | 4200 | 2892 | 336 | 641 | 400 |
| Solyc01g109100.2.1 | 1.880379 | 2.360254 | 0.001146 | 0.007128 | 449 | 576 | 507 | 103 | 124 | 30 |
| Solyc02g070390.2.1 | 1.881106 | 3.835198 | 8.30E-05 | 0.000772 | 722 | 2364 | 1597 | 122 | 382 | 200 |
| Solyc09g009940.2.1 | 1.881292 | 6.705284 | 0.001559 | 0.00924 | 12600 | 9988 | 7336 | 3017 | 1111 | 718 |
| Solyc04g077130.1.1 | 1.884374 | 3.156942 | 0.000208 | 0.001684 | 403 | 1255 | 1195 | 112 | 195 | 120 |
| Solyc03g117430.2.1 | 1.884782 | 7.607935 | 0.000367 | 0.002726 | 26305 | 16291 | 11862 | 3322 | 3837 | 2200 |
| Solyc02g092530.2.1 | 1.884897 | 4.488988 | 3.92E-06 | 5.41E-05 | 1599 | 3574 | 2042 | 412 | 348 | 282 |
| Solyc03g078610.2.1 | 1.887328 | 3.463912 | 0.000273 | 0.002126 | 1379 | 1107 | 677 | 212 | 180 | 124 |
| Solyc03g083200.2.1 | 1.887642 | 1.776866 | 0.000967 | 0.006161 | 199 | 553 | 351 | 52 | 72 | 39 |
| Solyc04g078620.2.1 | 1.889855 | 2.540231 | 0.000732 | 0.00488 | 261 | 989 | 669 | 54 | 140 | 85 |
| Solyc02g086860.2.1 | 1.891552 | 3.371585 | 0.000334 | 0.002524 | 361 | 1856 | 1269 | 109 | 225 | 156 |
| Solyc05g056520.2.1 | 1.891762 | 1.711011 | 0.001314 | 0.007989 | 252 | 516 | 267 | 32 | 88 | 40 |

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|--------------------|----------|----------|----------|----------|------|-------|-------|------|------|-----|
| Solyc06g053910.2.1 | 1.892494 | 4.889542 | 3.77E-05 | 0.000391 | 1572 | 5353 | 2974 | 237 | 866 | 382 |
| Solyc01g104580.2.1 | 1.893655 | 3.197535 | 0.00015 | 0.001277 | 449 | 1404 | 1118 | 101 | 203 | 132 |
| Solyc12g036140.1.1 | 1.89412 | 2.817787 | 0.000731 | 0.004874 | 751 | 750 | 564 | 168 | 103 | 58 |
| Solyc11g008620.1.1 | 1.896569 | 5.351001 | 9.26E-05 | 0.000846 | 4996 | 3707 | 2931 | 871 | 728 | 349 |
| Solyc12g008870.1.1 | 1.897092 | 3.171216 | 0.000498 | 0.003503 | 391 | 1574 | 1036 | 68 | 224 | 140 |
| Solyc08g080200.2.1 | 1.897731 | 5.345857 | 1.20E-06 | 1.94E-05 | 3661 | 5364 | 3491 | 592 | 844 | 503 |
| Solyc03g044150.2.1 | 1.897769 | 5.721295 | 3.16E-06 | 4.47E-05 | 4223 | 6473 | 5494 | 744 | 1120 | 658 |
| Solyc01g098990.2.1 | 1.897787 | 3.973081 | 5.70E-06 | 7.54E-05 | 1360 | 1839 | 1554 | 225 | 302 | 210 |
| Solyc04g009530.2.1 | 1.898653 | 3.198285 | 0.000249 | 0.001963 | 494 | 1428 | 1050 | 205 | 123 | 93 |
| Solyc11g008550.1.1 | 1.89911 | 3.186059 | 4.02E-05 | 0.000414 | 629 | 1515 | 806 | 137 | 184 | 110 |
| Solyc03g119920.1.1 | 1.900845 | 3.530804 | 1.13E-05 | 0.000135 | 944 | 1621 | 1042 | 165 | 256 | 134 |
| Solyc11g008150.1.1 | 1.901376 | 5.861629 | 4.28E-06 | 5.85E-05 | 4408 | 8728 | 5356 | 998 | 1164 | 617 |
| Solyc08g079750.2.1 | 1.901415 | 2.42723 | 0.001093 | 0.006834 | 189 | 1125 | 550 | 90 | 91 | 67 |
| Solyc10g011690.2.1 | 1.901944 | 3.521574 | 1.16E-05 | 0.000139 | 790 | 1780 | 1111 | 160 | 258 | 134 |
| Solyc08g082250.2.1 | 1.903409 | 3.891624 | 2.06E-05 | 0.00023 | 1468 | 1659 | 1295 | 200 | 248 | 229 |
| Solyc09g008940.2.1 | 1.904507 | 3.283183 | 0.000103 | 0.00093 | 917 | 1123 | 880 | 195 | 139 | 111 |
| Solyc06g075010.2.1 | 1.905021 | 6.230215 | 0.000242 | 0.001914 | 2143 | 13031 | 10206 | 986 | 1619 | 971 |
| Solyc03g113280.2.1 | 1.90665 | 4.064423 | 0.000166 | 0.001393 | 1466 | 1898 | 1680 | 412 | 159 | 175 |
| Solyc01g068260.2.1 | 1.907785 | 2.438689 | 0.000252 | 0.001982 | 321 | 855 | 573 | 76 | 112 | 67 |
| Solyc04g009730.2.1 | 1.908298 | 2.340461 | 0.000296 | 0.002272 | 372 | 826 | 428 | 64 | 115 | 62 |
| Solyc04g017700.2.1 | 1.910144 | 3.752391 | 0.001415 | 0.008516 | 2083 | 777 | 715 | 262 | 210 | 149 |
| Solyc02g064950.2.1 | 1.911133 | 4.88247 | 2.66E-06 | 3.85E-05 | 1913 | 4193 | 3272 | 317 | 743 | 372 |
| Solyc02g067540.2.1 | 1.911514 | 3.999267 | 6.74E-06 | 8.68E-05 | 877 | 2600 | 1757 | 238 | 291 | 212 |
| Solyc01g090740.2.1 | 1.912834 | 2.755931 | 0.000371 | 0.002744 | 290 | 1281 | 717 | 76 | 144 | 96 |
| Solyc10g007600.2.1 | 1.913371 | 5.503985 | 0.000108 | 0.000962 | 2220 | 4454 | 7212 | 743 | 620 | 667 |
| Solyc12g016220.1.1 | 1.915543 | 2.657884 | 0.000172 | 0.001428 | 359 | 1059 | 649 | 81 | 143 | 76 |
| Solyc07g005510.2.1 | 1.916388 | 4.808618 | 9.13E-05 | 0.000836 | 3692 | 2616 | 1662 | 529 | 461 | 307 |
| Solyc08g065800.1.1 | 1.919638 | 2.642216 | 0.000668 | 0.004513 | 334 | 953 | 730 | 49 | 196 | 68 |
| Solyc01g067890.2.1 | 1.919862 | 6.17739 | 0.000804 | 0.005288 | 9038 | 7830 | 4254 | 1927 | 995 | 447 |
| Solyc03g097190.2.1 | 1.920461 | 5.305819 | 1.25E-06 | 2.00E-05 | 2426 | 5857 | 4431 | 513 | 884 | 486 |
| Solyc12g095760.1.1 | 1.920894 | 5.665811 | 0.00049 | 0.003471 | 1486 | 8806 | 6888 | 360 | 1290 | 777 |
| Solyc01g094500.2.1 | 1.922466 | 2.545288 | 0.000147 | 0.00125 | 453 | 773 | 583 | 89 | 115 | 68 |
| Solyc03g116790.2.1 | 1.922725 | 3.770276 | 1.43E-05 | 0.000166 | 822 | 1751 | 1711 | 212 | 310 | 134 |
| Solyc07g005190.2.1 | 1.923198 | 2.561814 | 0.000368 | 0.00273 | 334 | 854 | 697 | 102 | 79 | 81 |
| Solyc08g005310.2.1 | 1.923315 | 3.954362 | 3.97E-06 | 5.47E-05 | 1027 | 2397 | 1570 | 190 | 325 | 210 |
| Solyc10g011660.2.1 | 1.923344 | 5.653402 | 1.05E-05 | 0.000127 | 5347 | 7126 | 3055 | 758 | 1108 | 540 |
| Solyc08g063090.2.1 | 1.924121 | 2.23057 | 0.000755 | 0.005011 | 348 | 700 | 437 | 80 | 123 | 29 |
| Solyc09g061860.2.1 | 1.924526 | 4.823578 | 0.00022 | 0.001766 | 2030 | 5590 | 1919 | 764 | 365 | 177 |
| Solyc05g013160.2.1 | 1.924792 | 4.303783 | 1.54E-06 | 2.40E-05 | 1384 | 2909 | 2004 | 314 | 357 | 242 |
| Solyc04g082040.2.1 | 1.924985 | 3.024886 | 0.000167 | 0.001387 | 800 | 710 | 846 | 127 | 187 | 80 |
| Solyc08g006530.2.1 | 1.925801 | 4.45391 | 2.67E-06 | 3.87E-05 | 1553 | 3442 | 2070 | 377 | 502 | 183 |
| Solyc09g009420.1.1 | 1.925815 | 4.166967 | 7.45E-05 | 0.000704 | 2094 | 1384 | 1593 | 283 | 449 | 149 |
| Solyc03g098630.2.1 | 1.926157 | 4.898188 | 3.37E-06 | 4.73E-05 | 2734 | 4100 | 2423 | 589 | 521 | 282 |
| Solyc09g013090.2.1 | 1.92685 | 3.338329 | 3.08E-05 | 0.000327 | 940 | 1433 | 770 | 135 | 191 | 139 |
| Solyc01g097910.2.1 | 1.927132 | 3.51861 | 0.000724 | 0.004843 | 1569 | 1029 | 630 | 257 | 154 | 109 |
| Solyc01g006930.2.1 | 1.9295 | 3.986971 | 0.001251 | 0.007666 | 491 | 3369 | 1719 | 74 | 439 | 249 |
| Solyc07g061970.2.1 | 1.930826 | 4.396136 | 2.08E-06 | 3.12E-05 | 1247 | 3208 | 2358 | 347 | 397 | 236 |
| Solyc01g091480.2.1 | 1.931094 | 3.174695 | 6.17E-05 | 0.000598 | 478 | 1504 | 992 | 124 | 210 | 97 |
| Solyc07g062740.2.1 | 1.932635 | 2.435332 | 0.000556 | 0.003854 | 622 | 597 | 368 | 84 | 126 | 49 |
| Solyc08g067210.2.1 | 1.934191 | 4.006006 | 9.58E-06 | 0.000118 | 849 | 2879 | 1651 | 190 | 405 | 180 |
| Solyc06g083690.2.1 | 1.934511 | 4.909674 | 5.98E-05 | 0.000584 | 2444 | 3275 | 3385 | 735 | 343 | 270 |
| Solyc05g009820.2.1 | 1.935041 | 2.942962 | 0.000481 | 0.003419 | 763 | 617 | 827 | 166 | 135 | 58 |
| Solyc03g032040.2.1 | 1.935433 | 1.711009 | 0.001037 | 0.006531 | 174 | 592 | 320 | 38 | 70 | 43 |
| Solyc01g107800.2.1 | 1.935442 | 2.987231 | 0.000132 | 0.001146 | 443 | 1473 | 745 | 84 | 211 | 89 |
| Solyc03g005340.2.1 | 1.937117 | 4.807491 | 1.49E-06 | 2.35E-05 | 1590 | 4141 | 3313 | 410 | 595 | 314 |
| Solyc08g082000.2.1 | 1.937199 | 2.357937 | 0.000377 | 0.002783 | 299 | 757 | 586 | 56 | 130 | 59 |
| Solyc01g087390.2.1 | 1.93818 | 2.21082 | 0.000354 | 0.002635 | 315 | 764 | 421 | 75 | 102 | 42 |
| Solyc11g065820.1.1 | 1.938319 | 2.640211 | 0.001291 | 0.007873 | 217 | 1212 | 711 | 45 | 165 | 87 |
| Solyc04g082740.2.1 | 1.938335 | 2.482777 | 0.000296 | 0.002276 | 397 | 896 | 508 | 90 | 141 | 41 |
| Solyc10g009410.1.1 | 1.940246 | 5.281487 | 4.01E-06 | 5.52E-05 | 4126 | 5149 | 2620 | 512 | 932 | 420 |
| Solyc11g020780.1.1 | 1.943862 | 5.069417 | 7.06E-06 | 9.03E-05 | 2225 | 5624 | 3171 | 279 | 937 | 416 |
| Solyc03g118510.2.1 | 1.944309 | 2.871011 | 0.001021 | 0.006454 | 313 | 1001 | 1035 | 47 | 162 | 125 |
| Solyc03g025320.2.1 | 1.945251 | 5.036513 | 1.76E-05 | 0.0002 | 3217 | 4549 | 2413 | 731 | 549 | 245 |
| Solyc12g013920.1.1 | 1.945773 | 3.510337 | 0.000227 | 0.001813 | 445 | 2304 | 1199 | 92 | 283 | 162 |
| Solyc09g082630.2.1 | 1.946731 | 3.790688 | 9.22E-06 | 0.000114 | 816 | 2411 | 1366 | 237 | 293 | 124 |
| Solyc12g019100.1.1 | 1.948032 | 1.533752 | 0.001631 | 0.009578 | 161 | 417 | 342 | 54 | 39 | 34 |
| Solyc04g011670.2.1 | 1.948844 | 3.272098 | 0.000143 | 0.001225 | 434 | 1611 | 1163 | 94 | 198 | 148 |
| Solyc01g107020.2.1 | 1.948863 | 1.902232 | 0.000742 | 0.004938 | 294 | 513 | 356 | 75 | 62 | 33 |
| Solyc09g091590.2.1 | 1.949817 | 2.093366 | 0.000808 | 0.005306 | 195 | 713 | 501 | 43 | 101 | 55 |
| Solyc05g018700.2.1 | 1.949874 | 5.782585 | 0.000235 | 0.00187 | 1674 | 9487 | 7496 | 491 | 1234 | 825 |
| Solyc02g083680.1.1 | 1.949874 | 2.679623 | 0.000198 | 0.001613 | 304 | 1054 | 756 | 92 | 128 | 75 |
| Solyc07g047950.1.1 | 1.950564 | 3.978272 | 6.86E-06 | 8.81E-05 | 1417 | 1915 | 1484 | 226 | 237 | 233 |
| Solyc07g061990.2.1 | 1.951183 | 3.823303 | 6.48E-06 | 8.40E-05 | 1405 | 1831 | 1098 | 196 | 277 | 177 |
| Solyc07g062520.2.1 | 1.951477 | 3.11353 | 0.000206 | 0.001672 | 417 | 1425 | 1019 | 76 | 238 | 103 |
| Solyc07g061780.2.1 | 1.951695 | 4.6616 | 9.24E-06 | 0.000114 | 1331 | 4134 | 2890 | 234 | 615 | 343 |
| Solyc11g069330.1.1 | 1.953575 | 5.658772 | 0.000167 | 0.001395 | 1992 | 10077 | 5450 | 461 | 1691 | 421 |
| Solyc12g089000.1.1 | 1.953936 | 3.200418 | 0.000174 | 0.001445 | 476 | 1565 | 1010 | 73 | 245 | 120 |
| Solyc08g068100.2.1 | 1.955479 | 3.550875 | 9.41E-05 | 0.000857 | 1038 | 1703 | 944 | 262 | 128 | 123 |
| Solyc02g084720.2.1 | 1.956757 | 4.453716 | 5.65E-05 | 0.000555 | 743 | 3636 | 2976 | 244 | 544 | 254 |
| Solyc05g054240.2.1 | 1.958407 | 3.287562 | 8.52E-05 | 0.000788 | 472 | 1649 | 1126 | 102 | 258 | 108 |
| Solyc07g045180.2.1 | 1.959241 | 2.448147 | 0.000971 | 0.006183 | 269 | 892 | 636 | 46 | 182 | 46 |
| Solyc03g112150.1.1 | 1.961253 | 5.11571 | 3.63E-07 | 6.75E-06 | 2369 | 5434 | 3448 | 512 | 734 | 371 |
| Solyc11g011440.1.1 | 1.962321 | 5.41931 | 0.000304 | 0.002323 | 1152 | 11205 | 3592 | 430 | 1120 | 498 |
| Solyc07g041340.1.1 | 1.96276 | 2.649256 | 0.000295 | 0.002269 | 731 | 686 | 428 | 98 | 109 | 75 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|--------|-------|-------|-------|------|
| Solyc04g072400.2.1 | 1.962906 | 5.129332 | 5.82E-05 | 0.00057 | 1333 | 6409 | 4206 | 286 | 770 | 545 |
| Solyc01g080090.2.1 | 1.964115 | 2.13755 | 0.000426 | 0.003091 | 352 | 564 | 443 | 50 | 119 | 42 |
| Solyc02g083970.1.1 | 1.964518 | 3.24124 | 0.000301 | 0.002305 | 675 | 1294 | 1015 | 53 | 226 | 155 |
| Solyc01g095470.2.1 | 1.965363 | 2.629247 | 0.001146 | 0.007128 | 204 | 1668 | 429 | 85 | 128 | 71 |
| Solyc03g118290.2.1 | 1.969748 | 7.147988 | 1.74E-05 | 0.000199 | 8202 | 24456 | 14623 | 1590 | 3667 | 1527 |
| Solyc08g067340.2.1 | 1.971382 | 5.302395 | 0.000694 | 0.004661 | 1621 | 9752 | 3003 | 175 | 1179 | 548 |
| Solyc08g078010.2.1 | 1.973712 | 5.23041 | 2.68E-06 | 3.87E-05 | 3042 | 4648 | 3948 | 706 | 513 | 433 |
| Solyc06g065690.2.1 | 1.974056 | 3.617396 | 2.13E-05 | 0.000236 | 591 | 1982 | 1487 | 182 | 274 | 118 |
| Solyc02g094060.2.1 | 1.97485 | 2.841301 | 7.72E-05 | 0.000725 | 513 | 1001 | 754 | 132 | 114 | 74 |
| Solyc01g104710.2.1 | 1.979062 | 4.500938 | 1.03E-06 | 1.69E-05 | 1464 | 3554 | 2361 | 332 | 366 | 302 |
| Solyc01g108530.2.1 | 1.979375 | 3.409172 | 0.0003 | 0.002297 | 1417 | 958 | 649 | 206 | 159 | 107 |
| Solyc07g064330.2.1 | 1.981014 | 5.211955 | 6.12E-07 | 1.07E-05 | 2444 | 6358 | 3476 | 598 | 749 | 362 |
| Solyc10g049210.1.1 | 1.9812 | 3.076732 | 5.75E-05 | 0.000564 | 678 | 1052 | 881 | 151 | 119 | 99 |
| Solyc06g084470.2.1 | 1.98326 | 2.077523 | 0.000651 | 0.004418 | 419 | 407 | 412 | 79 | 64 | 43 |
| Solyc01g105010.2.1 | 1.983702 | 2.675379 | 0.000739 | 0.004918 | 196 | 1089 | 871 | 91 | 155 | 55 |
| Solyc06g065390.2.1 | 1.983743 | 5.426257 | 2.66E-06 | 3.86E-05 | 4296 | 4904 | 3803 | 754 | 652 | 495 |
| Solyc01g101240.2.1 | 1.984538 | 8.054805 | 8.79E-06 | 0.000109 | 20763 | 37326 | 26338 | 4688 | 4795 | 2603 |
| Solyc06g048470.2.1 | 1.985112 | 3.16053 | 5.58E-05 | 0.000549 | 507 | 1221 | 1130 | 131 | 140 | 120 |
| Solyc05g016330.2.1 | 1.987982 | 4.656526 | 1.20E-06 | 1.94E-05 | 1962 | 3496 | 2526 | 469 | 442 | 231 |
| Solyc10g085340.1.1 | 1.99085 | 2.6399 | 0.000106 | 0.000953 | 603 | 791 | 515 | 100 | 120 | 62 |
| Solyc09g065270.2.1 | 1.992444 | 5.621888 | 5.99E-05 | 0.000585 | 5040 | 5281 | 4439 | 1150 | 542 | 444 |
| Solyc03g095490.2.1 | 1.992751 | 3.584989 | 1.05E-05 | 0.000127 | 932 | 1283 | 1441 | 152 | 231 | 154 |
| Solyc11g069170.1.1 | 1.995631 | 2.807729 | 9.17E-05 | 0.000839 | 363 | 1194 | 775 | 100 | 122 | 87 |
| Solyc02g082260.2.1 | 1.996326 | 4.100222 | 0.000137 | 0.001185 | 959 | 4295 | 961 | 361 | 207 | 174 |
| Solyc10g081100.1.1 | 1.996666 | 3.960534 | 1.49E-05 | 0.000173 | 1474 | 1642 | 1562 | 307 | 213 | 160 |
| Solyc09g008240.2.1 | 1.997311 | 5.029922 | 2.45E-06 | 3.58E-05 | 1652 | 4587 | 4354 | 503 | 690 | 311 |
| Solyc07g007670.2.1 | 1.998169 | 5.163047 | 2.11E-06 | 3.16E-05 | 3055 | 4725 | 3431 | 711 | 615 | 293 |
| Solyc11g009050.1.1 | 1.998435 | 2.468984 | 0.000144 | 0.001229 | 323 | 819 | 646 | 83 | 103 | 61 |
| Solyc07g032710.2.1 | 1.998954 | 2.345298 | 0.001619 | 0.009517 | 234 | 884 | 585 | 114 | 99 | 22 |
| Solyc11g022400.1.1 | 2.002169 | 3.235699 | 1.92E-05 | 0.000215 | 617 | 1510 | 953 | 157 | 176 | 91 |
| Solyc03g120530.2.1 | 2.002181 | 1.684933 | 0.001622 | 0.00953 | 110 | 542 | 423 | 42 | 69 | 34 |
| Solyc02g092480.2.1 | 2.002394 | 3.441278 | 3.05E-05 | 0.000325 | 613 | 1685 | 1259 | 99 | 248 | 146 |
| Solyc01g111320.2.1 | 2.002782 | 3.308438 | 0.000141 | 0.001206 | 340 | 1815 | 1241 | 119 | 220 | 113 |
| Solyc03g113630.2.1 | 2.003631 | 4.19913 | 1.93E-06 | 2.95E-05 | 1247 | 2873 | 1865 | 310 | 392 | 147 |
| Solyc05g006920.2.1 | 2.006865 | 4.343747 | 1.25E-05 | 0.000148 | 2015 | 2287 | 1843 | 159 | 498 | 274 |
| Solyc09g007280.2.1 | 2.008087 | 3.922516 | 0.000126 | 0.001103 | 483 | 2956 | 1844 | 142 | 404 | 166 |
| Solyc07g007270.2.1 | 2.008102 | 3.032065 | 0.000937 | 0.006009 | 556 | 1339 | 785 | 30 | 238 | 115 |
| Solyc03g114030.2.1 | 2.008661 | 4.08827 | 1.47E-05 | 0.000171 | 665 | 3003 | 2117 | 219 | 353 | 196 |
| Solyc10g086730.1.1 | 2.009501 | 5.128325 | 0.000301 | 0.002304 | 4933 | 3363 | 1743 | 804 | 490 | 253 |
| Solyc02g092560.2.1 | 2.009806 | 6.181742 | 1.99E-05 | 0.000223 | 7906 | 9342 | 5018 | 1362 | 1030 | 769 |
| Solyc08g082190.2.1 | 2.010087 | 9.557308 | 5.22E-05 | 0.000518 | 38230 | 139320 | 79586 | 15056 | 12302 | 6311 |
| Solyc10g080190.1.1 | 2.010235 | 3.373846 | 7.00E-06 | 8.95E-05 | 786 | 1481 | 1036 | 136 | 197 | 127 |
| Solyc03g097950.2.1 | 2.010299 | 4.210082 | 1.35E-05 | 0.000158 | 1506 | 2355 | 1918 | 408 | 237 | 160 |
| Solyc01g105180.2.1 | 2.010434 | 3.256562 | 0.001364 | 0.008258 | 337 | 1939 | 1068 | 41 | 219 | 164 |
| Solyc07g061740.2.1 | 2.014223 | 4.65528 | 0.001172 | 0.007263 | 3652 | 1952 | 1435 | 660 | 213 | 195 |
| Solyc02g088490.2.1 | 2.014248 | 4.79014 | 3.86E-07 | 7.13E-06 | 1745 | 4672 | 2772 | 365 | 485 | 362 |
| Solyc11g005080.1.1 | 2.015146 | 3.574741 | 5.30E-06 | 7.05E-05 | 993 | 1857 | 986 | 201 | 217 | 114 |
| Solyc03g051810.2.1 | 2.01524 | 4.109717 | 4.32E-06 | 5.89E-05 | 1706 | 1867 | 1629 | 311 | 297 | 160 |
| Solyc03g019880.2.1 | 2.015287 | 4.824257 | 8.92E-07 | 1.49E-05 | 2357 | 3862 | 2721 | 534 | 435 | 275 |
| Solyc02g070770.2.1 | 2.015669 | 3.929025 | 2.20E-06 | 3.27E-05 | 1019 | 1973 | 1830 | 220 | 273 | 179 |
| Solyc11g062350.1.1 | 2.015672 | 2.040401 | 0.000245 | 0.001934 | 283 | 679 | 381 | 52 | 89 | 44 |
| Solyc08g007000.2.1 | 2.015921 | 2.308324 | 0.001332 | 0.008087 | 199 | 980 | 533 | 30 | 121 | 72 |
| Solyc01g005210.2.1 | 2.017618 | 6.511198 | 2.01E-06 | 3.03E-05 | 6984 | 13960 | 8580 | 1410 | 1703 | 962 |
| Solyc08g041710.2.1 | 2.017902 | 3.177851 | 0.000111 | 0.000993 | 357 | 1734 | 1032 | 116 | 217 | 85 |
| Solyc10g044710.1.1 | 2.019745 | 2.349195 | 0.000295 | 0.002267 | 446 | 680 | 461 | 103 | 83 | 39 |
| Solyc09g014760.2.1 | 2.020448 | 5.524843 | 3.94E-06 | 5.44E-05 | 3021 | 7043 | 4956 | 926 | 781 | 353 |
| Solyc08g081210.2.1 | 2.020501 | 3.928512 | 2.16E-06 | 3.22E-05 | 990 | 2547 | 1502 | 168 | 348 | 176 |
| Solyc09g007410.2.1 | 2.021891 | 2.317064 | 0.000286 | 0.002209 | 330 | 632 | 603 | 47 | 100 | 71 |
| Solyc04g054190.2.1 | 2.022449 | 4.373042 | 1.95E-05 | 0.000219 | 2511 | 2821 | 1020 | 319 | 401 | 208 |
| Solyc01g103230.2.1 | 2.022483 | 4.130147 | 1.54E-05 | 0.000178 | 673 | 3073 | 2215 | 220 | 327 | 223 |
| Solyc07g017510.2.1 | 2.023174 | 8.012573 | 5.82E-05 | 0.00057 | 23839 | 35798 | 21704 | 5681 | 4186 | 1692 |
| Solyc01g102350.2.1 | 2.023585 | 4.543568 | 7.46E-05 | 0.000704 | 1154 | 3903 | 2760 | 187 | 797 | 173 |
| Solyc12g007230.1.1 | 2.024566 | 3.333204 | 0.000143 | 0.001225 | 528 | 1660 | 1166 | 91 | 325 | 76 |
| Solyc09g064720.2.1 | 2.028635 | 4.607966 | 5.61E-07 | 9.94E-06 | 1623 | 3624 | 2665 | 415 | 417 | 242 |
| Solyc11g005640.1.1 | 2.028939 | 1.958571 | 0.000607 | 0.004159 | 438 | 397 | 307 | 60 | 80 | 34 |
| Solyc10g006030.2.1 | 2.030072 | 5.300843 | 0.000121 | 0.001065 | 4236 | 3851 | 3599 | 979 | 369 | 317 |
| Solyc06g076270.2.1 | 2.030671 | 2.407805 | 0.000319 | 0.002424 | 219 | 1055 | 565 | 67 | 118 | 54 |
| Solyc01g106580.2.1 | 2.031108 | 2.935904 | 0.00024 | 0.001905 | 314 | 1099 | 1093 | 69 | 159 | 108 |
| Solyc03g116320.2.1 | 2.0346 | 3.314523 | 0.000503 | 0.003537 | 1206 | 1310 | 515 | 237 | 114 | 74 |
| Solyc05g009080.2.1 | 2.036314 | 1.556403 | 0.00114 | 0.007095 | 265 | 509 | 178 | 56 | 44 | 26 |
| Solyc01g087040.2.1 | 2.040622 | 4.062697 | 0.000333 | 0.002516 | 2241 | 1427 | 1104 | 382 | 155 | 158 |
| Solyc08g008630.2.1 | 2.040892 | 4.323987 | 0.000237 | 0.001883 | 2606 | 1868 | 1325 | 483 | 239 | 138 |
| Solyc10g081770.1.1 | 2.041117 | 2.458887 | 0.000655 | 0.00444 | 335 | 568 | 790 | 37 | 147 | 67 |
| Solyc07g039380.2.1 | 2.041334 | 2.829213 | 3.32E-05 | 0.00035 | 645 | 900 | 657 | 93 | 146 | 76 |
| Solyc02g071260.2.1 | 2.041397 | 4.162546 | 1.61E-06 | 2.51E-05 | 1606 | 2436 | 1593 | 327 | 304 | 156 |
| Solyc08g065220.2.1 | 2.042396 | 7.14984 | 0.001115 | 0.006963 | 23690 | 8780 | 5862 | 2355 | 2426 | 1433 |
| Solyc01g008230.2.1 | 2.042881 | 4.413574 | 4.17E-05 | 0.000427 | 936 | 3361 | 2813 | 147 | 467 | 322 |
| Solyc11g027260.1.1 | 2.043474 | 4.277776 | 0.000596 | 0.004088 | 2872 | 1386 | 1123 | 452 | 229 | 147 |
| Solyc01g067630.2.1 | 2.045988 | 2.060491 | 0.000341 | 0.002562 | 237 | 629 | 491 | 74 | 68 | 38 |
| Solyc03g097670.2.1 | 2.046488 | 4.939023 | 8.84E-07 | 1.48E-05 | 1588 | 5426 | 3388 | 376 | 708 | 307 |
| Solyc01g086810.2.1 | 2.048163 | 4.465983 | 4.74E-06 | 6.41E-05 | 1380 | 3691 | 2284 | 167 | 491 | 316 |
| Solyc05g050630.2.1 | 2.048792 | 3.728389 | 1.49E-06 | 2.34E-05 | 926 | 2035 | 1356 | 165 | 246 | 164 |
| Solyc09g090840.2.1 | 2.049765 | 3.80146 | 2.84E-06 | 4.08E-05 | 790 | 2099 | 1683 | 199 | 280 | 139 |
| Solyc09g064430.2.1 | 2.051036 | 4.810285 | 1.69E-06 | 2.61E-05 | 2991 | 3365 | 2213 | 495 | 443 | 274 |

| | | | | | | | | | | |
|---------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc03g081260.2.1 | 2.051351 | 3.503857 | 5.87E-05 | 0.000574 | 1360 | 1075 | 883 | 107 | 283 | 125 |
| Solyc03g112950.2.1 | 2.05139 | 4.304631 | 6.86E-07 | 1.18E-05 | 1155 | 3559 | 1976 | 270 | 351 | 234 |
| Solyc07g007800.2.1 | 2.051769 | 2.239522 | 0.000421 | 0.003056 | 377 | 959 | 267 | 77 | 96 | 37 |
| Solyc01g007890.1.1 | 2.052174 | 3.435015 | 5.39E-05 | 0.000533 | 675 | 1871 | 1071 | 71 | 250 | 156 |
| Solyc01g091780.2.1 | 2.052805 | 3.648836 | 7.51E-06 | 9.54E-05 | 1139 | 1622 | 1152 | 181 | 161 | 176 |
| Solyc10g079830.1.1 | 2.054781 | 2.822249 | 2.96E-05 | 0.000316 | 518 | 1061 | 705 | 79 | 147 | 84 |
| Solyc02g083500.2.1 | 2.056607 | 3.882377 | 5.96E-06 | 7.83E-05 | 1046 | 1993 | 1668 | 278 | 187 | 154 |
| Solyc01g080300.2.1 | 2.056695 | 2.435238 | 0.000122 | 0.001072 | 398 | 721 | 591 | 57 | 903 | 78 |
| Solyc11g067050.1.1 | 2.058168 | 4.20188 | 4.19E-06 | 5.75E-05 | 1162 | 2793 | 2070 | 148 | 450 | 228 |
| Solyc07g005870.2.1 | 2.058538 | 2.465528 | 0.000135 | 0.001166 | 338 | 867 | 606 | 100 | 95 | 45 |
| Solyc01g097860.2.1 | 2.059673 | 4.840848 | 2.39E-06 | 3.51E-05 | 2814 | 3535 | 2507 | 557 | 477 | 219 |
| Solyc08g079070.2.1 | 2.060126 | 5.688223 | 3.59E-07 | 6.70E-06 | 3533 | 7797 | 5503 | 725 | 914 | 589 |
| Solyc04g077390.2.1 | 2.06173 | 5.549405 | 1.36E-05 | 0.000159 | 2839 | 9418 | 3971 | 324 | 1187 | 599 |
| Solyc01g111930.2.1 | 2.062145 | 3.252225 | 0.000101 | 0.000915 | 950 | 1108 | 850 | 208 | 110 | 81 |
| Solyc06g066430.2.1 | 2.062755 | 1.879641 | 0.000649 | 0.004408 | 249 | 446 | 454 | 28 | 75 | 54 |
| Solyc02g071590.1.1 | 2.063327 | 2.122351 | 0.00094 | 0.00603 | 498 | 487 | 315 | 92 | 73 | 25 |
| Solyc04g008370.1.1 | 2.066946 | 2.850905 | 0.000101 | 0.00091 | 305 | 1136 | 965 | 101 | 142 | 72 |
| Solyc06g008300.2.1 | 2.068233 | 3.931729 | 0.000116 | 0.00103 | 977 | 2918 | 1320 | 73 | 458 | 177 |
| Solyc02g080990.1.1 | 2.068306 | 2.723435 | 5.83E-05 | 0.000571 | 374 | 1030 | 771 | 100 | 102 | 76 |
| Solyc09g011300.2.1 | 2.068508 | 3.601708 | 6.85E-06 | 8.80E-05 | 663 | 1927 | 1439 | 130 | 232 | 159 |
| Solyc08g005490.2.1 | 2.068623 | 5.481696 | 2.02E-06 | 3.04E-05 | 4180 | 5326 | 4308 | 387 | 1076 | 535 |
| Solyc03g005280.2.1 | 2.069309 | 3.465604 | 7.84E-05 | 0.000733 | 724 | 949 | 1672 | 199 | 145 | 117 |
| Solyc07g009150.2.1 | 2.069597 | 2.641773 | 6.82E-05 | 0.000651 | 332 | 1105 | 671 | 77 | 130 | 66 |
| Solyc04g009560.2.1 | 2.069873 | 3.997635 | 3.58E-06 | 4.99E-05 | 910 | 2477 | 1890 | 147 | 336 | 211 |
| Solyc11g067060.1.1 | 2.070984 | 4.25816 | 9.46E-06 | 0.000116 | 1489 | 2540 | 2046 | 417 | 253 | 143 |
| Solyc04g078610.2.1 | 2.071189 | 4.75351 | 3.02E-07 | 5.70E-06 | 1725 | 3635 | 3320 | 328 | 549 | 302 |
| Solyc07g056580.2.1 | 2.073164 | 2.845298 | 4.34E-05 | 0.000441 | 420 | 1320 | 699 | 74 | 163 | 80 |
| Solyc06g050370.1.1 | 2.073245 | 2.169846 | 0.000574 | 0.00396 | 197 | 748 | 564 | 79 | 91 | 29 |
| Solyc10g079070.1.1 | 2.073407 | 4.857821 | 2.75E-06 | 3.97E-05 | 1693 | 4585 | 3340 | 227 | 665 | 383 |
| Solyc06g030530.2.1 | 2.073556 | 3.56012 | 2.14E-06 | 3.19E-05 | 790 | 1891 | 1208 | 160 | 235 | 120 |
| Solyc03g113270.2.1 | 2.073705 | 7.539347 | 3.64E-06 | 5.08E-05 | 11281 | 31256 | 19817 | 2420 | 3465 | 2145 |
| Solyc08g079630.2.1 | 2.073845 | 2.670331 | 0.000205 | 0.00166 | 334 | 1099 | 709 | 46 | 132 | 94 |
| Solyc08g079310.2.1 | 2.075927 | 3.132998 | 0.000828 | 0.005414 | 958 | 1122 | 618 | 233 | 76 | 53 |
| Solyc04g078900.2.1 | 2.076139 | 2.996448 | 0.000293 | 0.002251 | 658 | 1318 | 637 | 53 | 272 | 59 |
| Solyc08g065360.2.1 | 2.076648 | 3.751013 | 1.19E-06 | 1.93E-05 | 915 | 2219 | 1328 | 181 | 290 | 125 |
| Solyc06g059800.2.1 | 2.076964 | 4.796032 | 1.31E-06 | 2.10E-05 | 2449 | 3912 | 2484 | 228 | 547 | 409 |
| Solyc01g068290.2.1 | 2.077052 | 3.749056 | 3.27E-06 | 4.62E-05 | 1042 | 2014 | 1295 | 240 | 176 | 143 |
| Solyc07g064970.2.1 | 2.077488 | 4.063072 | 1.51E-06 | 2.37E-05 | 994 | 2273 | 2135 | 185 | 343 | 198 |
| Solyc06g068210.1.1 | 2.0783 | 2.564661 | 0.00013 | 0.001133 | 520 | 846 | 512 | 45 | 136 | 77 |
| Solyc09g083350.2.1 | 2.078934 | 5.053823 | 5.44E-08 | 1.25E-06 | 2626 | 4979 | 3158 | 474 | 583 | 365 |
| Solyc03g093800.1.1 | 2.079323 | 3.64375 | 4.23E-06 | 5.79E-05 | 958 | 2395 | 885 | 171 | 269 | 113 |
| Solyc01g096450.2.1 | 2.080188 | 3.128509 | 0.000154 | 0.001299 | 678 | 737 | 1204 | 175 | 127 | 69 |
| Solyc03g119080.2.1 | 2.080868 | 7.182588 | 4.96E-05 | 0.000496 | 7229 | 18807 | 21038 | 1174 | 3683 | 1673 |
| Solyc08g077430.2.1 | 2.08096 | 4.839038 | 4.16E-07 | 7.61E-06 | 1833 | 5017 | 2791 | 276 | 594 | 368 |
| Solyc02g093080.2.1 | 2.081397 | 3.539835 | 4.52E-05 | 0.000457 | 514 | 1944 | 1471 | 99 | 211 | 177 |
| Solyc02g084020.2.1 | 2.081937 | 3.835137 | 5.45E-05 | 0.000538 | 789 | 2488 | 1549 | 81 | 393 | 172 |
| Solyc07g049320.2.1 | 2.083589 | 1.493243 | 0.000896 | 0.00578 | 213 | 318 | 333 | 45 | 53 | 35 |
| Solyc05g006970.2.1 | 2.083764 | 2.453893 | 0.000293 | 0.002251 | 340 | 841 | 613 | 36 | 150 | 61 |
| Solyc04g077670.2.1 | 2.084881 | 1.940622 | 0.000882 | 0.005709 | 151 | 633 | 505 | 64 | 80 | 25 |
| Solyc07g043160.1.1 | 2.086042 | 3.47747 | 1.68E-05 | 0.000193 | 1036 | 1422 | 1017 | 199 | 124 | 129 |
| Solyc07g056640.1.1 | 2.086376 | 1.990889 | 0.000923 | 0.005944 | 404 | 366 | 402 | 78 | 38 | 43 |
| Solyc08g061630.2.1 | 2.086961 | 2.831263 | 0.000134 | 0.001159 | 636 | 758 | 774 | 147 | 107 | 49 |
| Solyc04g080140.2.1 | 2.087247 | 2.978646 | 3.28E-05 | 0.000348 | 403 | 1399 | 875 | 100 | 171 | 75 |
| Solyc08g042050.2.1 | 2.089731 | 6.476399 | 1.28E-06 | 2.04E-05 | 5632 | 14053 | 9822 | 1110 | 1643 | 1048 |
| Solyc03g113610.2.1 | 2.089966 | 3.178115 | 0.000105 | 0.00094 | 344 | 1549 | 1191 | 84 | 185 | 118 |
| Solyc06g069280.2.1 | 2.090207 | 2.774252 | 3.71E-05 | 0.000386 | 465 | 1045 | 724 | 79 | 165 | 61 |
| Solyc01g104410.2.1 | 2.091175 | 3.150755 | 3.09E-05 | 0.000329 | 591 | 1415 | 922 | 70 | 193 | 119 |
| Solyc01g097340.2.1 | 2.09228 | 3.332552 | 0.000466 | 0.003329 | 1132 | 1001 | 862 | 256 | 107 | 56 |
| Solyc04g071140.2.1 | 2.094763 | 8.255426 | 0.000569 | 0.003931 | 41913 | 28121 | 18607 | 7411 | 3263 | 2014 |
| Solyc08g006760.2.1 | 2.095611 | 3.332245 | 0.000424 | 0.003073 | 1507 | 754 | 556 | 184 | 157 | 85 |
| Solyc01g107200.2.1 | 2.09643 | 1.792736 | 0.000646 | 0.004393 | 259 | 453 | 379 | 58 | 33 | 45 |
| Solyc06g034290.2.1 | 2.098042 | 5.192932 | 9.64E-07 | 1.59E-05 | 3908 | 4081 | 3140 | 365 | 787 | 433 |
| Solyc11g068360.1.1 | 2.098377 | 2.094601 | 0.000213 | 0.001716 | 284 | 562 | 513 | 39 | 90 | 53 |
| Solyc01g099180.2.1 | 2.099246 | 3.257799 | 2.98E-05 | 0.000318 | 615 | 978 | 1372 | 107 | 184 | 115 |
| Solyc10g074970.1.1 | 2.100724 | 3.369639 | 6.67E-05 | 0.000639 | 362 | 1895 | 1324 | 113 | 184 | 135 |
| Solyc03g019670.2.1 | 2.100973 | 3.61736 | 0.000139 | 0.001194 | 652 | 1945 | 1495 | 57 | 305 | 173 |
| Solyc09g010400.2.1 | 2.10158 | 6.105275 | 2.93E-06 | 4.19E-05 | 6860 | 7873 | 6421 | 994 | 945 | 873 |
| Solyc04g009540.1.1 | 2.101828 | 5.243357 | 1.42E-07 | 2.92E-06 | 2544 | 5360 | 4398 | 564 | 693 | 365 |
| Solyc11g007990.1.1 | 2.102073 | 5.817792 | 3.15E-05 | 0.000334 | 3968 | 8468 | 6024 | 1304 | 742 | 334 |
| Solyc11g010170.1.1 | 2.104924 | 3.659714 | 1.35E-06 | 2.15E-05 | 803 | 1951 | 1412 | 182 | 231 | 125 |
| Solyc04g074050.2.1 | 2.105842 | 3.726552 | 0.000306 | 0.002336 | 594 | 3217 | 1038 | 60 | 332 | 185 |
| Solyc03g119700.2.1 | 2.106409 | 4.343332 | 0.000219 | 0.001754 | 2991 | 1749 | 1052 | 400 | 207 | 209 |
| Solyc10g006330.2.1 | 2.107078 | 2.780893 | 0.000273 | 0.002121 | 759 | 915 | 456 | 150 | 90 | 46 |
| Solyc07g0088670.2.1 | 2.107681 | 2.472418 | 0.000138 | 0.001191 | 578 | 622 | 483 | 90 | 70 | 64 |
| Solyc02g092670.1.1 | 2.108 | 5.86088 | 0.000481 | 0.00342 | 3330 | 9183 | 6869 | 183 | 1934 | 606 |
| Solyc03g078100.2.1 | 2.108499 | 2.010042 | 0.000287 | 0.002215 | 195 | 618 | 518 | 54 | 68 | 45 |
| Solyc06g007680.1.1 | 2.108679 | 2.089168 | 0.000339 | 0.002551 | 262 | 530 | 558 | 35 | 105 | 46 |
| Solyc03g005190.2.1 | 2.110074 | 3.563972 | 4.25E-05 | 0.000434 | 1218 | 1202 | 1143 | 241 | 192 | 72 |
| Solyc06g083680.2.1 | 2.110092 | 5.894145 | 0.000248 | 0.001958 | 8121 | 4794 | 4122 | 1310 | 552 | 530 |
| Solyc02g080320.2.1 | 2.110494 | 2.550845 | 0.000287 | 0.002212 | 232 | 1205 | 630 | 50 | 147 | 61 |
| Solyc12g094380.1.1 | 2.112907 | 3.850591 | 2.83E-05 | 0.000304 | 1812 | 1253 | 1130 | 131 | 299 | 183 |
| Solyc06g083890.2.1 | 2.114805 | 3.058324 | 2.44E-05 | 0.000265 | 432 | 1427 | 959 | 89 | 167 | 97 |
| Solyc06g084460.2.1 | 2.115989 | 3.388897 | 0.00035 | 0.002618 | 360 | 1718 | 1486 | 238 | 128 | 67 |
| Solyc01g068130.2.1 | 2.116141 | 2.360436 | 0.000251 | 0.001973 | 324 | 555 | 722 | 43 | 116 | 61 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc02g070490.2.1 | 2.116929 | 3.438949 | 5.29E-06 | 7.05E-05 | 1083 | 1390 | 908 | 173 | 186 | 98 |
| Solyc08g083140.2.1 | 2.117543 | 1.56812 | 0.000762 | 0.005047 | 122 | 533 | 355 | 32 | 56 | 35 |
| Solyc08g075280.2.1 | 2.128608 | 5.067411 | 2.27E-06 | 3.36E-05 | 3242 | 5216 | 2398 | 663 | 505 | 236 |
| Solyc09g091580.2.1 | 2.12886 | 5.284106 | 0.000214 | 0.001721 | 3798 | 6093 | 2731 | 1046 | 371 | 175 |
| Solyc01g095700.2.1 | 2.128872 | 5.321049 | 1.10E-07 | 2.34E-06 | 2971 | 5374 | 4508 | 412 | 816 | 466 |
| Solyc10g076740.1.1 | 2.129365 | 2.943442 | 7.44E-05 | 0.000704 | 427 | 1467 | 759 | 54 | 189 | 90 |
| Solyc10g083360.1.1 | 2.129866 | 5.482315 | 1.50E-07 | 3.04E-06 | 3238 | 7355 | 4293 | 641 | 920 | 369 |
| Solyc01g079520.2.1 | 2.130148 | 2.314507 | 0.000166 | 0.001393 | 284 | 741 | 608 | 43 | 95 | 67 |
| Solyc01g105430.2.1 | 2.132959 | 1.887784 | 0.000906 | 0.005843 | 447 | 497 | 193 | 64 | 72 | 22 |
| Solyc12g010380.1.1 | 2.133022 | 3.736638 | 4.36E-05 | 0.000443 | 1646 | 1257 | 1025 | 264 | 174 | 107 |
| Solyc05g009310.2.1 | 2.133588 | 3.902502 | 0.000677 | 0.004564 | 2192 | 724 | 1161 | 314 | 143 | 136 |
| Solyc02g068930.2.1 | 2.133696 | 1.955064 | 0.000278 | 0.002157 | 185 | 666 | 460 | 49 | 82 | 34 |
| Solyc03g098440.2.1 | 2.13509 | 3.281706 | 1.84E-05 | 0.000208 | 911 | 1201 | 922 | 171 | 110 | 105 |
| Solyc01g105030.2.1 | 2.135331 | 4.739789 | 5.24E-05 | 0.000519 | 3672 | 2196 | 1814 | 516 | 314 | 246 |
| Solyc12g035190.1.1 | 2.139362 | 1.76547 | 0.000878 | 0.005686 | 314 | 468 | 289 | 72 | 54 | 16 |
| Solyc02g093140.2.1 | 2.140384 | 4.547907 | 3.61E-07 | 6.72E-06 | 2174 | 2829 | 2302 | 324 | 312 | 296 |
| Solyc10g080490.1.1 | 2.141108 | 2.766955 | 0.000436 | 0.003154 | 861 | 619 | 508 | 146 | 73 | 53 |
| Solyc04g057870.2.1 | 2.142168 | 4.960758 | 1.47E-07 | 3.00E-06 | 1890 | 4875 | 3611 | 495 | 495 | 295 |
| Solyc08g023440.2.1 | 2.142333 | 4.079447 | 1.43E-05 | 0.000166 | 1168 | 2640 | 1782 | 376 | 220 | 100 |
| Solyc06g050130.2.1 | 2.142492 | 2.601641 | 0.000147 | 0.00125 | 354 | 1038 | 654 | 114 | 111 | 33 |
| Solyc02g085870.2.1 | 2.142618 | 5.564256 | 2.47E-06 | 3.60E-05 | 4367 | 7674 | 3473 | 358 | 1181 | 521 |
| Solyc06g062580.2.1 | 2.144622 | 1.957437 | 0.001056 | 0.006526 | 476 | 237 | 378 | 68 | 65 | 34 |
| Solyc02g080260.2.1 | 2.145428 | 2.055993 | 0.000341 | 0.002567 | 212 | 786 | 434 | 44 | 111 | 29 |
| Solyc01g095180.2.1 | 2.146235 | 2.435207 | 8.59E-05 | 0.000794 | 277 | 992 | 586 | 55 | 106 | 63 |
| Solyc09g065030.2.1 | 2.147957 | 3.860324 | 2.48E-05 | 0.00027 | 651 | 2252 | 1979 | 104 | 364 | 161 |
| Solyc02g086050.2.1 | 2.148058 | 2.609868 | 4.97E-05 | 0.000496 | 337 | 1009 | 705 | 80 | 132 | 49 |
| Solyc01g005830.2.1 | 2.148326 | 2.574991 | 0.001707 | 0.009968 | 221 | 1061 | 772 | 20 | 123 | 99 |
| Solyc06g054010.2.1 | 2.148677 | 3.059363 | 0.000139 | 0.001195 | 285 | 1989 | 794 | 107 | 120 | 105 |
| Solyc02g077670.2.1 | 2.149101 | 3.11793 | 9.59E-06 | 0.000118 | 561 | 1398 | 931 | 85 | 176 | 101 |
| Solyc08g074390.2.1 | 2.149323 | 2.133306 | 0.000238 | 0.001894 | 219 | 770 | 502 | 37 | 84 | 58 |
| Solyc08g005010.2.1 | 2.1495 | 6.129775 | 4.06E-06 | 5.59E-05 | 7166 | 9907 | 5215 | 1285 | 982 | 592 |
| Solyc02g093930.2.1 | 2.150324 | 1.821253 | 0.00049 | 0.00347 | 235 | 613 | 334 | 72 | 50 | 22 |
| Solyc09g090410.2.1 | 2.150831 | 4.445185 | 3.60E-05 | 0.000376 | 1999 | 2389 | 2340 | 505 | 188 | 165 |
| Solyc09g005020.1.1 | 2.15127 | 1.083323 | 0.000988 | 0.006275 | 214 | 237 | 188 | 31 | 31 | 22 |
| Solyc01g005540.2.1 | 2.152779 | 3.495835 | 1.51E-05 | 0.000175 | 655 | 1749 | 1350 | 83 | 211 | 164 |
| Solyc10g044780.1.1 | 2.15291 | 2.408026 | 8.69E-05 | 0.000802 | 358 | 747 | 615 | 77 | 116 | 35 |
| Solyc07g008900.2.1 | 2.153985 | 3.609933 | 2.46E-06 | 3.60E-05 | 685 | 1985 | 1435 | 170 | 248 | 100 |
| Solyc08g005430.2.1 | 2.154049 | 2.867633 | 4.78E-05 | 0.00048 | 623 | 1018 | 695 | 49 | 169 | 90 |
| Solyc08g079790.1.1 | 2.155382 | 2.025796 | 0.000725 | 0.004846 | 194 | 668 | 507 | 23 | 79 | 62 |
| Solyc02g086830.2.1 | 2.155578 | 6.322911 | 2.21E-05 | 0.000243 | 8431 | 9395 | 6916 | 1697 | 927 | 596 |
| Solyc09g082830.2.1 | 2.157735 | 5.008334 | 1.93E-06 | 2.94E-05 | 4059 | 3399 | 2186 | 445 | 507 | 353 |
| Solyc03g119740.2.1 | 2.159343 | 3.597282 | 1.85E-06 | 2.83E-05 | 1245 | 1448 | 1055 | 140 | 243 | 123 |
| Solyc01g080700.2.1 | 2.161043 | 1.451901 | 0.001028 | 0.00649 | 155 | 358 | 364 | 54 | 33 | 21 |
| Solyc07g053600.2.1 | 2.161778 | 3.557319 | 1.55E-05 | 0.000179 | 852 | 2081 | 1043 | 77 | 314 | 122 |
| Solyc02g089950.1.1 | 2.16295 | 1.632487 | 0.000294 | 0.00226 | 191 | 480 | 348 | 45 | 43 | 34 |
| Solyc07g006230.1.1 | 2.163703 | 3.011665 | 1.34E-05 | 0.000158 | 583 | 1056 | 947 | 78 | 181 | 82 |
| Solyc10g005920.2.1 | 2.164201 | 5.198063 | 6.61E-08 | 1.49E-06 | 2908 | 5646 | 3510 | 379 | 631 | 473 |
| Solyc01g028830.2.1 | 2.164744 | 4.050197 | 7.56E-06 | 9.59E-05 | 1257 | 2172 | 1884 | 104 | 299 | 259 |
| Solyc07g053710.2.1 | 2.16483 | 4.283378 | 1.30E-07 | 2.70E-06 | 1225 | 3071 | 2201 | 256 | 362 | 189 |
| Solyc03g006600.1.1 | 2.165644 | 2.794265 | 6.34E-05 | 0.000613 | 296 | 1308 | 811 | 83 | 105 | 87 |
| Solyc05g042120.2.1 | 2.166418 | 3.432472 | 5.53E-06 | 7.33E-05 | 628 | 1706 | 1275 | 98 | 202 | 139 |
| Solyc06g048960.2.1 | 2.167308 | 3.280282 | 4.04E-06 | 5.56E-05 | 565 | 1624 | 1090 | 115 | 183 | 102 |
| Solyc02g068050.2.1 | 2.167606 | 4.689476 | 9.35E-08 | 2.01E-06 | 2561 | 3410 | 2182 | 374 | 434 | 248 |
| Solyc09g010360.2.1 | 2.169532 | 2.328061 | 6.53E-05 | 0.000628 | 320 | 795 | 550 | 79 | 77 | 46 |
| Solyc06g083660.2.1 | 2.170127 | 3.566274 | 3.23E-06 | 4.56E-05 | 1172 | 1488 | 1048 | 153 | 153 | 155 |
| Solyc09g011720.2.1 | 2.172734 | 2.131897 | 0.00087 | 0.00565 | 336 | 431 | 576 | 69 | 28 | 63 |
| Solyc02g079020.2.1 | 2.173519 | 3.825059 | 4.66E-07 | 8.41E-06 | 915 | 2566 | 1362 | 155 | 256 | 165 |
| Solyc05g005560.2.1 | 2.173538 | 3.379402 | 8.36E-06 | 0.000104 | 672 | 1332 | 1348 | 89 | 205 | 131 |
| Solyc04g015480.2.1 | 2.174649 | 5.37078 | 7.73E-06 | 9.79E-05 | 4415 | 5023 | 3420 | 868 | 563 | 252 |
| Solyc08g083350.2.1 | 2.175346 | 4.587335 | 4.06E-05 | 0.000417 | 2450 | 2544 | 2362 | 551 | 197 | 183 |
| Solyc08g066120.2.1 | 2.175415 | 4.028111 | 2.72E-07 | 5.23E-06 | 1072 | 2634 | 1753 | 172 | 354 | 160 |
| Solyc01g080460.2.1 | 2.176019 | 6.670032 | 3.92E-06 | 5.41E-05 | 6680 | 18808 | 9527 | 1016 | 2658 | 796 |
| Solyc07g005390.2.1 | 2.177556 | 6.939228 | 0.000151 | 0.001278 | 10854 | 21509 | 8751 | 3022 | 1328 | 578 |
| Solyc05g005760.2.1 | 2.177631 | 2.260589 | 0.000185 | 0.001527 | 392 | 448 | 617 | 80 | 64 | 45 |
| Solyc09g011140.2.1 | 2.17802 | 3.86197 | 3.11E-07 | 5.86E-06 | 1042 | 2463 | 1381 | 208 | 271 | 123 |
| Solyc01g094910.2.1 | 2.178095 | 6.947279 | 0.000809 | 0.005312 | 3728 | 22786 | 16975 | 408 | 2956 | 1785 |
| Solyc03g117040.2.1 | 2.178355 | 6.525173 | 5.32E-07 | 9.49E-06 | 6109 | 15434 | 9543 | 1004 | 1777 | 1010 |
| Solyc05g054340.2.1 | 2.178396 | 3.148777 | 0.000435 | 0.003144 | 385 | 1428 | 1194 | 34 | 212 | 123 |
| Solyc03g096830.2.1 | 2.178583 | 3.05423 | 6.53E-05 | 0.000628 | 980 | 867 | 651 | 152 | 128 | 58 |
| Solyc02g092310.2.1 | 2.182016 | 4.561417 | 0.00043 | 0.003116 | 3526 | 2151 | 1160 | 558 | 211 | 153 |
| Solyc09g065690.2.1 | 2.184561 | 3.132878 | 3.81E-06 | 5.28E-05 | 645 | 1466 | 821 | 115 | 140 | 95 |
| Solyc01g110820.2.1 | 2.184753 | 2.574477 | 0.000137 | 0.001185 | 364 | 1046 | 613 | 38 | 164 | 56 |
| Solyc05g014310.2.1 | 2.187579 | 4.822815 | 5.78E-06 | 7.62E-05 | 3211 | 2990 | 2395 | 567 | 363 | 200 |
| Solyc01g010190.2.1 | 2.188132 | 2.772379 | 0.000622 | 0.004246 | 292 | 1092 | 930 | 28 | 195 | 73 |
| Solyc01g079800.2.1 | 2.190241 | 1.76204 | 0.00019 | 0.001559 | 221 | 510 | 381 | 35 | 76 | 30 |
| Solyc10g086660.1.1 | 2.190697 | 3.443619 | 5.37E-06 | 7.13E-05 | 1069 | 1128 | 1133 | 117 | 250 | 93 |
| Solyc09g014770.2.1 | 2.190772 | 6.544024 | 6.69E-07 | 1.16E-05 | 5590 | 16564 | 9864 | 1062 | 1827 | 951 |
| Solyc12g055940.1.1 | 2.191704 | 3.438531 | 7.34E-06 | 9.36E-05 | 1030 | 1301 | 1059 | 199 | 142 | 88 |
| Solyc09g083260.2.1 | 2.191881 | 1.599053 | 0.001623 | 0.00953 | 153 | 441 | 403 | 13 | 84 | 32 |
| Solyc10g075020.1.1 | 2.193284 | 2.517958 | 0.001505 | 0.008977 | 484 | 771 | 574 | 156 | 39 | 25 |
| Solyc03g044090.2.1 | 2.194175 | 1.967526 | 0.000359 | 0.002668 | 245 | 607 | 442 | 23 | 96 | 44 |
| Solyc01g107690.2.1 | 2.194235 | 2.526078 | 0.000193 | 0.001581 | 245 | 823 | 847 | 62 | 144 | 41 |
| Solyc05g056270.2.1 | 2.1949 | 3.498606 | 2.96E-06 | 4.23E-05 | 633 | 1915 | 1295 | 172 | 152 | 118 |
| Solyc02g082480.2.1 | 2.196324 | 3.281417 | 9.28E-05 | 0.000847 | 306 | 1575 | 1455 | 111 | 223 | 77 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc07g008310.2.1 | 2.196428 | 3.411474 | 1.63E-06 | 2.52E-05 | 775 | 1396 | 1257 | 151 | 173 | 102 |
| Solyc03g117250.2.1 | 2.197965 | 3.879565 | 3.84E-05 | 0.000398 | 685 | 1404 | 2560 | 144 | 223 | 204 |
| Solyc04g064930.2.1 | 2.199724 | 3.282684 | 3.49E-06 | 4.89E-05 | 898 | 1325 | 885 | 150 | 168 | 77 |
| Solyc06g016770.2.1 | 2.199806 | 3.126988 | 7.77E-05 | 0.000728 | 374 | 1784 | 948 | 59 | 173 | 118 |
| Solyc03g058190.2.1 | 2.200598 | 5.838924 | 2.19E-07 | 4.31E-06 | 4041 | 9233 | 5897 | 866 | 979 | 480 |
| Solyc12g099960.1.1 | 2.200869 | 2.12417 | 0.000648 | 0.004408 | 511 | 539 | 289 | 94 | 49 | 27 |
| Solyc05g014110.2.1 | 2.201478 | 3.278176 | 3.82E-06 | 5.28E-05 | 736 | 1544 | 937 | 84 | 185 | 120 |
| Solyc11g066050.1.1 | 2.204809 | 2.477175 | 7.32E-05 | 0.000694 | 251 | 915 | 726 | 68 | 107 | 51 |
| Solyc02g078570.2.1 | 2.204817 | 0.740565 | 0.001048 | 0.006588 | 123 | 216 | 186 | 19 | 26 | 19 |
| Solyc06g007770.2.1 | 2.204921 | 3.402069 | 7.78E-06 | 9.84E-05 | 526 | 1447 | 1516 | 144 | 190 | 94 |
| Solyc01g007880.2.1 | 2.206773 | 2.964614 | 5.39E-06 | 7.17E-05 | 663 | 1117 | 745 | 115 | 121 | 73 |
| Solyc01g010520.2.1 | 2.207224 | 4.867427 | 5.10E-08 | 1.18E-06 | 2059 | 4521 | 3129 | 272 | 616 | 311 |
| Solyc01g008960.2.1 | 2.209189 | 7.690106 | 9.74E-07 | 1.61E-05 | 13870 | 34078 | 21772 | 2934 | 3769 | 1724 |
| Solyc07g063690.1.1 | 2.209656 | 2.07529 | 0.000733 | 0.004883 | 247 | 398 | 664 | 86 | 43 | 32 |
| Solyc06g053600.2.1 | 2.210355 | 3.680842 | 2.50E-06 | 3.65E-05 | 918 | 1383 | 1736 | 195 | 228 | 98 |
| Solyc06g074460.2.1 | 2.210944 | 2.813523 | 2.94E-05 | 0.000315 | 394 | 1093 | 867 | 63 | 167 | 64 |
| Solyc07g063960.2.1 | 2.211409 | 4.911087 | 5.53E-06 | 7.32E-05 | 2661 | 3617 | 3226 | 645 | 303 | 214 |
| Solyc02g070440.2.1 | 2.211491 | 4.483508 | 3.38E-07 | 6.33E-06 | 1111 | 3847 | 2732 | 237 | 395 | 258 |
| Solyc01g006830.2.1 | 2.213044 | 4.779376 | 5.00E-07 | 8.97E-06 | 2870 | 3504 | 2269 | 221 | 496 | 367 |
| Solyc07g049500.2.1 | 2.215445 | 2.383583 | 0.00015 | 0.001277 | 223 | 1012 | 598 | 45 | 119 | 51 |
| Solyc08g082180.2.1 | 2.215692 | 4.102712 | 2.00E-06 | 3.02E-05 | 886 | 2769 | 2175 | 133 | 342 | 214 |
| Solyc02g094590.2.1 | 2.215931 | 2.740165 | 7.82E-05 | 0.000732 | 266 | 1312 | 784 | 62 | 151 | 63 |
| Solyc09g008790.2.1 | 2.216292 | 3.110982 | 3.29E-06 | 4.63E-05 | 609 | 1546 | 786 | 111 | 149 | 84 |
| Solyc06g007120.2.1 | 2.219762 | 3.240113 | 4.63E-06 | 6.28E-05 | 568 | 1660 | 1004 | 115 | 203 | 73 |
| Solyc03g121180.2.1 | 2.219824 | 5.55819 | 7.42E-08 | 1.64E-06 | 4457 | 6086 | 4448 | 644 | 887 | 388 |
| Solyc02g069130.2.1 | 2.22151 | 2.0313 | 0.000363 | 0.002693 | 350 | 426 | 484 | 75 | 72 | 19 |
| Solyc01g111040.2.1 | 2.222389 | 5.261783 | 6.19E-08 | 1.40E-06 | 3147 | 5634 | 3788 | 630 | 598 | 300 |
| Solyc01g107660.2.1 | 2.224413 | 5.088819 | 0.000197 | 0.001608 | 4210 | 2968 | 2895 | 846 | 249 | 194 |
| Solyc11g072110.1.1 | 2.224696 | 1.825113 | 0.000281 | 0.002174 | 174 | 585 | 440 | 43 | 81 | 23 |
| Solyc06g065990.1.1 | 2.224785 | 3.720524 | 0.000657 | 0.004451 | 1747 | 1125 | 985 | 338 | 96 | 66 |
| Solyc09g097820.2.1 | 2.225335 | 4.015212 | 7.30E-05 | 0.000693 | 580 | 3284 | 1935 | 87 | 443 | 159 |
| Solyc02g082690.2.1 | 2.225757 | 2.960363 | 2.84E-05 | 0.000305 | 364 | 1504 | 867 | 124 | 135 | 54 |
| Solyc08g044260.2.1 | 2.225924 | 5.772087 | 2.56E-07 | 4.96E-06 | 4323 | 8835 | 5090 | 893 | 811 | 452 |
| Solyc11g072480.1.1 | 2.226128 | 4.152742 | 2.18E-07 | 4.30E-06 | 1771 | 2171 | 1646 | 225 | 369 | 138 |
| Solyc02g078160.2.1 | 2.226336 | 3.551639 | 1.04E-05 | 0.000126 | 1096 | 2247 | 648 | 202 | 169 | 90 |
| Solyc10g085670.1.1 | 2.226666 | 1.730182 | 0.000455 | 0.003267 | 354 | 275 | 350 | 36 | 79 | 23 |
| Solyc08g042140.2.1 | 2.228413 | 1.982315 | 0.0004 | 0.002924 | 299 | 622 | 382 | 85 | 47 | 21 |
| Solyc02g080980.2.1 | 2.229674 | 2.889751 | 7.90E-06 | 9.95E-05 | 425 | 1221 | 863 | 91 | 117 | 80 |
| Solyc02g089080.2.1 | 2.231832 | 3.149033 | 4.54E-06 | 6.17E-05 | 644 | 1302 | 971 | 142 | 124 | 78 |
| Solyc06g071370.1.1 | 2.232031 | 1.652968 | 0.000356 | 0.002646 | 289 | 373 | 316 | 25 | 45 | 47 |
| Solyc11g027830.1.1 | 2.233057 | 2.239404 | 0.001148 | 0.007139 | 463 | 573 | 438 | 112 | 25 | 35 |
| Solyc09g065150.1.1 | 2.233158 | 0.805239 | 0.00161 | 0.009481 | 197 | 217 | 119 | 25 | 35 | 10 |
| Solyc02g079190.2.1 | 2.233209 | 5.227026 | 2.43E-05 | 0.000265 | 4798 | 4251 | 2368 | 779 | 386 | 267 |
| Solyc03g121120.2.1 | 2.233434 | 3.580609 | 5.77E-06 | 7.61E-05 | 721 | 2161 | 1241 | 82 | 290 | 123 |
| Solyc02g086130.2.1 | 2.23521 | 4.677561 | 2.04E-07 | 4.04E-06 | 1458 | 4229 | 3027 | 225 | 458 | 319 |
| Solyc04g045580.2.1 | 2.235588 | 2.832182 | 8.04E-06 | 0.000101 | 470 | 1142 | 774 | 106 | 107 | 64 |
| Solyc05g018620.2.1 | 2.237607 | 4.106846 | 1.40E-05 | 0.000164 | 1590 | 2810 | 1305 | 376 | 202 | 92 |
| Solyc02g068040.2.1 | 2.238316 | 1.563571 | 0.000934 | 0.005995 | 361 | 365 | 178 | 55 | 45 | 16 |
| Solyc01g105020.2.1 | 2.239796 | 4.504421 | 0.000651 | 0.004418 | 3711 | 1505 | 1122 | 516 | 225 | 128 |
| Solyc10g047050.1.1 | 2.239864 | 3.555453 | 2.79E-06 | 4.01E-05 | 541 | 2294 | 1320 | 136 | 207 | 120 |
| Solyc09g005750.2.1 | 2.240446 | 3.225352 | 1.99E-06 | 3.02E-05 | 705 | 1401 | 977 | 95 | 156 | 111 |
| Solyc02g069290.2.1 | 2.241135 | 5.991957 | 1.55E-06 | 2.41E-05 | 3471 | 11825 | 6926 | 505 | 1400 | 682 |
| Solyc04g076660.2.1 | 2.24135 | 2.28075 | 0.000169 | 0.001408 | 234 | 857 | 582 | 33 | 105 | 56 |
| Solyc12g005240.1.1 | 2.241739 | 2.487701 | 0.000196 | 0.001603 | 523 | 620 | 597 | 119 | 56 | 37 |
| Solyc02g077310.2.1 | 2.241773 | 1.610009 | 0.000682 | 0.004595 | 178 | 521 | 332 | 18 | 44 | 50 |
| Solyc12g021280.1.1 | 2.241952 | 3.779476 | 1.71E-07 | 3.45E-06 | 1181 | 2006 | 1294 | 163 | 202 | 160 |
| Solyc11g071500.1.1 | 2.242574 | 0.629765 | 0.001306 | 0.00795 | 104 | 203 | 184 | 16 | 35 | 11 |
| Solyc10g011770.2.1 | 2.242745 | 4.150018 | 2.37E-05 | 0.000259 | 2097 | 1623 | 1591 | 368 | 217 | 104 |
| Solyc06g069030.2.1 | 2.243798 | 4.488451 | 1.19E-07 | 2.48E-06 | 1491 | 3500 | 2531 | 370 | 318 | 184 |
| Solyc02g068270.2.1 | 2.245765 | 3.883984 | 4.55E-07 | 8.24E-06 | 1480 | 1696 | 1429 | 210 | 264 | 115 |
| Solyc02g077090.2.1 | 2.246068 | 3.66892 | 3.95E-07 | 7.27E-06 | 887 | 2036 | 1343 | 117 | 255 | 135 |
| Solyc03g122270.2.1 | 2.246812 | 5.197136 | 2.68E-05 | 0.000289 | 1144 | 6902 | 5000 | 236 | 834 | 418 |
| Solyc07g005570.2.1 | 2.247269 | 4.490269 | 1.92E-08 | 4.95E-07 | 1643 | 3477 | 2368 | 295 | 335 | 235 |
| Solyc10g054100.1.1 | 2.248973 | 3.06394 | 0.000194 | 0.001589 | 264 | 2296 | 663 | 123 | 159 | 55 |
| Solyc03g117010.2.1 | 2.24956 | 3.813071 | 1.38E-06 | 2.19E-05 | 736 | 2590 | 1572 | 129 | 222 | 184 |
| Solyc12g014420.1.1 | 2.249735 | 1.775317 | 0.000211 | 0.001704 | 224 | 618 | 324 | 24 | 67 | 42 |
| Solyc02g079430.2.1 | 2.250208 | 4.167995 | 7.34E-07 | 1.26E-05 | 964 | 3730 | 1722 | 150 | 350 | 209 |
| Solyc02g084450.2.1 | 2.25224 | 1.937928 | 0.000456 | 0.003272 | 120 | 813 | 449 | 38 | 78 | 36 |
| Solyc10g085980.1.1 | 2.252989 | 2.72819 | 0.000456 | 0.003271 | 791 | 651 | 548 | 143 | 42 | 55 |
| Solyc03g120910.2.1 | 2.253002 | 4.251643 | 5.25E-07 | 9.40E-06 | 2149 | 2143 | 1584 | 289 | 267 | 175 |
| Solyc09g074640.2.1 | 2.254384 | 4.307001 | 2.04E-07 | 4.04E-06 | 1719 | 2566 | 2068 | 331 | 249 | 173 |
| Solyc01g097290.2.1 | 2.256078 | 4.965975 | 1.68E-06 | 2.59E-05 | 1795 | 4763 | 3964 | 235 | 848 | 243 |
| Solyc03g083560.1.1 | 2.256736 | 2.992908 | 0.000329 | 0.002492 | 900 | 780 | 726 | 29 | 149 | 125 |
| Solyc05g005080.2.1 | 2.256974 | 5.179293 | 1.65E-08 | 4.33E-07 | 2625 | 5234 | 4106 | 508 | 513 | 363 |
| Solyc02g085760.2.1 | 2.258491 | 6.211338 | 2.63E-07 | 5.08E-06 | 7245 | 10995 | 5905 | 1064 | 1170 | 651 |
| Solyc02g093210.2.1 | 2.258501 | 2.792052 | 0.000383 | 0.002819 | 247 | 1136 | 1002 | 32 | 158 | 86 |
| Solyc01g008790.2.1 | 2.260378 | 1.868657 | 9.43E-05 | 0.000859 | 206 | 595 | 430 | 41 | 64 | 36 |
| Solyc03g114150.2.1 | 2.262379 | 7.758661 | 3.46E-05 | 0.000364 | 27850 | 22550 | 15144 | 4042 | 2266 | 1800 |
| Solyc01g005520.2.1 | 2.263417 | 4.893031 | 4.59E-06 | 6.23E-05 | 4017 | 2952 | 1915 | 486 | 447 | 222 |
| Solyc09g083030.1.1 | 2.263889 | 2.16715 | 6.18E-05 | 0.000599 | 248 | 683 | 571 | 49 | 88 | 40 |
| Solyc08g078210.2.1 | 2.264526 | 3.657194 | 1.28E-05 | 0.000152 | 1587 | 1432 | 839 | 221 | 183 | 85 |
| Solyc05g012580.1.1 | 2.264601 | 7.250737 | 1.53E-05 | 0.000177 | 16371 | 21303 | 11176 | 2985 | 2080 | 862 |
| Solyc02g030210.2.1 | 2.265451 | 3.18261 | 1.93E-06 | 2.94E-05 | 585 | 1630 | 907 | 103 | 148 | 97 |
| Solyc07g056020.2.1 | 2.265983 | 5.806342 | 7.34E-08 | 1.62E-06 | 4884 | 8629 | 4992 | 791 | 843 | 518 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc01g010200.2.1 | 2.266555 | 5.869133 | 6.61E-06 | 8.54E-05 | 2408 | 10506 | 7604 | 434 | 1305 | 614 |
| Solyc05g051850.2.1 | 2.267778 | 6.24326 | 1.11E-05 | 0.000133 | 9471 | 9290 | 4747 | 554 | 1822 | 726 |
| Solyc05g015150.2.1 | 2.27003 | 3.420513 | 1.67E-06 | 2.58E-05 | 901 | 1468 | 1104 | 102 | 252 | 84 |
| Solyc11g067140.1.1 | 2.27039 | 1.639056 | 0.000339 | 0.002554 | 227 | 395 | 375 | 41 | 71 | 15 |
| Solyc01g005550.2.1 | 2.27119 | 4.197242 | 2.68E-06 | 3.87E-05 | 648 | 3620 | 2306 | 217 | 322 | 175 |
| Solyc08g066390.2.1 | 2.271803 | 1.167332 | 0.000388 | 0.002852 | 157 | 408 | 195 | 20 | 40 | 25 |
| Solyc03g119860.2.1 | 2.272627 | 2.52405 | 0.000196 | 0.001597 | 746 | 474 | 463 | 103 | 72 | 42 |
| Solyc02g068440.2.1 | 2.2733 | 2.356278 | 2.11E-05 | 0.000234 | 365 | 782 | 551 | 60 | 98 | 43 |
| Solyc06g005560.2.1 | 2.274746 | 1.848658 | 0.000467 | 0.003335 | 159 | 443 | 572 | 27 | 61 | 47 |
| Solyc01g106090.2.1 | 2.276476 | 3.779787 | 0.000115 | 0.001017 | 1658 | 1448 | 1077 | 318 | 108 | 80 |
| Solyc09g082210.2.1 | 2.279393 | 4.366356 | 3.25E-05 | 0.000344 | 876 | 3587 | 2726 | 90 | 446 | 271 |
| Solyc12g100030.1.1 | 2.279646 | 4.432029 | 1.51E-07 | 3.07E-06 | 1992 | 3211 | 1869 | 319 | 413 | 131 |
| Solyc05g014260.2.1 | 2.280698 | 6.095456 | 4.90E-05 | 0.00049 | 4609 | 15009 | 4980 | 1424 | 1010 | 255 |
| Solyc08g008670.2.1 | 2.281138 | 1.226715 | 0.000352 | 0.002627 | 162 | 329 | 268 | 33 | 28 | 24 |
| Solyc08g076480.2.1 | 2.28118 | 5.578533 | 9.60E-08 | 2.06E-06 | 2954 | 7810 | 5513 | 747 | 700 | 383 |
| Solyc01g096480.2.1 | 2.28168 | 3.394352 | 4.79E-05 | 0.000481 | 507 | 1922 | 1248 | 219 | 98 | 71 |
| Solyc03g058160.2.1 | 2.282153 | 3.958177 | 4.06E-07 | 7.45E-06 | 1692 | 1554 | 1506 | 191 | 246 | 155 |
| Solyc01g014320.2.1 | 2.282676 | 1.434851 | 0.000809 | 0.005313 | 93 | 437 | 392 | 41 | 38 | 22 |
| Solyc12g014440.1.1 | 2.285077 | 4.516745 | 3.40E-06 | 4.77E-05 | 849 | 4211 | 3037 | 224 | 314 | 303 |
| Solyc02g077880.2.1 | 2.28525 | 8.147456 | 3.14E-06 | 4.46E-05 | 31228 | 38897 | 20585 | 4560 | 3368 | 2612 |
| Solyc02g079200.1.1 | 2.287072 | 3.801447 | 4.30E-06 | 5.88E-05 | 1250 | 1500 | 1616 | 265 | 161 | 96 |
| Solyc12g099200.1.1 | 2.288509 | 4.978244 | 0.000125 | 0.001096 | 1420 | 5633 | 3988 | 88 | 798 | 383 |
| Solyc03g111120.2.1 | 2.28863 | 1.274587 | 0.000643 | 0.004376 | 156 | 258 | 345 | 20 | 36 | 32 |
| Solyc04g005060.2.1 | 2.288815 | 1.334339 | 0.000597 | 0.004097 | 240 | 405 | 178 | 45 | 38 | 13 |
| Solyc04g081890.1.1 | 2.290437 | 1.58209 | 0.001357 | 0.008224 | 205 | 781 | 121 | 26 | 79 | 18 |
| Solyc12g013840.1.1 | 2.291951 | 2.763237 | 7.37E-05 | 0.000698 | 704 | 1126 | 411 | 105 | 136 | 31 |
| Solyc10g078440.1.1 | 2.292014 | 5.378349 | 1.99E-08 | 5.12E-07 | 3695 | 7030 | 3272 | 598 | 620 | 362 |
| Solyc06g005750.2.1 | 2.292409 | 2.621739 | 0.000225 | 0.001801 | 232 | 1310 | 689 | 102 | 117 | 26 |
| Solyc03g082560.2.1 | 2.29378 | 3.849001 | 1.12E-07 | 2.37E-06 | 1101 | 2071 | 1579 | 205 | 238 | 112 |
| Solyc01g102810.2.1 | 2.293903 | 3.231847 | 2.02E-05 | 0.000225 | 517 | 1623 | 1098 | 56 | 164 | 131 |
| Solyc07g064360.1.1 | 2.294424 | 0.874615 | 0.0008 | 0.005263 | 142 | 227 | 209 | 13 | 33 | 22 |
| Solyc02g077280.2.1 | 2.294614 | 3.977546 | 3.36E-06 | 4.73E-05 | 878 | 2777 | 1803 | 99 | 255 | 228 |
| Solyc03g120230.2.1 | 2.295181 | 2.587387 | 1.63E-05 | 0.000187 | 333 | 923 | 768 | 66 | 97 | 63 |
| Solyc09g060110.2.1 | 2.297425 | 1.739874 | 0.000192 | 0.001576 | 233 | 338 | 473 | 47 | 45 | 31 |
| Solyc11g040040.1.1 | 2.299343 | 2.896085 | 9.26E-06 | 0.000114 | 562 | 901 | 925 | 69 | 104 | 98 |
| Solyc11g066300.1.1 | 2.300283 | 2.026792 | 7.41E-05 | 0.000701 | 246 | 597 | 510 | 63 | 57 | 32 |
| Solyc05g009040.2.1 | 2.300472 | 1.871497 | 0.000824 | 0.005391 | 139 | 1055 | 225 | 42 | 42 | 46 |
| Solyc06g071330.2.1 | 2.300738 | 1.984291 | 0.000371 | 0.002749 | 360 | 408 | 454 | 44 | 29 | 61 |
| Solyc08g080250.2.1 | 2.301396 | 2.774811 | 0.000242 | 0.001915 | 303 | 1179 | 891 | 27 | 149 | 88 |
| Solyc04g074860.2.1 | 2.303564 | 1.428659 | 0.000584 | 0.00402 | 129 | 412 | 362 | 17 | 49 | 34 |
| Solyc08g068200.2.1 | 2.304917 | 3.639321 | 2.00E-06 | 3.03E-05 | 865 | 1919 | 1394 | 78 | 253 | 148 |
| Solyc06g084140.2.1 | 2.30492 | 2.480493 | 0.000121 | 0.001064 | 661 | 674 | 397 | 68 | 132 | 27 |
| Solyc02g090580.2.1 | 2.305132 | 1.929963 | 0.000413 | 0.003006 | 128 | 659 | 538 | 29 | 67 | 46 |
| Solyc01g067800.2.1 | 2.305338 | 4.547182 | 3.71E-07 | 6.89E-06 | 1164 | 3645 | 3170 | 199 | 478 | 234 |
| Solyc05g054350.2.1 | 2.305604 | 5.036889 | 1.31E-05 | 0.000155 | 4601 | 3732 | 1664 | 586 | 434 | 217 |
| Solyc03g080180.2.1 | 2.307203 | 4.981322 | 9.43E-07 | 1.57E-05 | 1719 | 5210 | 3927 | 588 | 399 | 199 |
| Solyc05g050500.1.1 | 2.308019 | 4.02947 | 2.47E-06 | 3.60E-05 | 1709 | 2259 | 1284 | 304 | 223 | 92 |
| Solyc11g020670.1.1 | 2.308465 | 4.360603 | 7.07E-08 | 1.57E-06 | 1347 | 4158 | 1774 | 272 | 261 | 218 |
| Solyc07g040950.2.1 | 2.311214 | 3.965821 | 7.01E-08 | 1.56E-06 | 1580 | 1962 | 1425 | 194 | 250 | 145 |
| Solyc09g005260.2.1 | 2.311468 | 8.803702 | 6.50E-07 | 1.13E-05 | 46321 | 56341 | 39603 | 5713 | 7847 | 3653 |
| Solyc12g100160.1.1 | 2.312299 | 5.522825 | 9.86E-08 | 2.11E-06 | 4154 | 5468 | 5030 | 728 | 565 | 400 |
| Solyc03g083610.2.1 | 2.314708 | 3.854313 | 1.84E-06 | 2.83E-05 | 770 | 2070 | 2016 | 108 | 313 | 144 |
| Solyc01g005030.2.1 | 2.31473 | 4.679284 | 4.22E-06 | 5.78E-05 | 1171 | 4516 | 3281 | 142 | 563 | 292 |
| Solyc01g100190.2.1 | 2.315929 | 2.376468 | 0.000265 | 0.002072 | 209 | 996 | 636 | 26 | 119 | 57 |
| Solyc04g081370.2.1 | 2.317289 | 4.333608 | 7.86E-07 | 1.34E-05 | 1689 | 3358 | 1755 | 120 | 487 | 196 |
| Solyc12g007010.1.1 | 2.317322 | 5.391232 | 0.00022 | 0.001766 | 6362 | 3714 | 2226 | 946 | 395 | 202 |
| Solyc05g006000.2.1 | 2.317358 | 2.160857 | 4.07E-05 | 0.000418 | 313 | 523 | 595 | 49 | 72 | 45 |
| Solyc08g077880.2.1 | 2.318534 | 6.075939 | 1.05E-07 | 2.23E-06 | 4242 | 12454 | 6877 | 902 | 936 | 654 |
| Solyc07g006220.1.1 | 2.31915 | 5.381345 | 2.20E-06 | 3.28E-05 | 1506 | 8562 | 5075 | 380 | 922 | 348 |
| Solyc12g096030.1.1 | 2.320379 | 2.957473 | 4.29E-05 | 0.000437 | 294 | 1381 | 1052 | 70 | 102 | 105 |
| Solyc02g068090.2.1 | 2.322883 | 6.485062 | 7.55E-05 | 0.00071 | 10646 | 8225 | 8229 | 1922 | 620 | 633 |
| Solyc03g111600.2.1 | 2.323064 | 2.505286 | 2.05E-05 | 0.000229 | 347 | 845 | 707 | 85 | 70 | 51 |
| Solyc08g082680.2.1 | 2.323563 | 1.964508 | 0.00043 | 0.003114 | 429 | 414 | 352 | 27 | 39 | 66 |
| Solyc02g077050.2.1 | 2.323935 | 3.531379 | 7.67E-06 | 9.71E-05 | 1152 | 1870 | 812 | 106 | 306 | 64 |
| Solyc06g068480.2.1 | 2.324121 | 4.422152 | 5.59E-05 | 0.00055 | 2385 | 2301 | 1950 | 500 | 192 | 92 |
| Solyc03g083570.2.1 | 2.324622 | 3.31735 | 3.79E-07 | 7.03E-06 | 815 | 1585 | 935 | 119 | 174 | 85 |
| Solyc05g013720.2.1 | 2.324887 | 4.894589 | 1.94E-08 | 4.99E-07 | 2006 | 5598 | 2795 | 263 | 609 | 280 |
| Solyc09g007940.2.1 | 2.326163 | 1.376137 | 0.001169 | 0.007249 | 79 | 376 | 420 | 39 | 29 | 24 |
| Solyc01g088100.2.1 | 2.327006 | 6.407059 | 0.000209 | 0.001691 | 3120 | 16716 | 10761 | 281 | 2382 | 809 |
| Solyc07g056040.2.1 | 2.328239 | 3.545561 | 1.76E-07 | 3.53E-06 | 778 | 1931 | 1270 | 147 | 175 | 110 |
| Solyc03g005230.2.1 | 2.328572 | 7.406981 | 0.000368 | 0.002728 | 23917 | 16112 | 10656 | 3982 | 1315 | 826 |
| Solyc12g005030.1.1 | 2.328604 | 3.213374 | 6.58E-07 | 1.14E-05 | 779 | 1331 | 936 | 118 | 144 | 83 |
| Solyc01g111660.2.1 | 2.328915 | 2.694404 | 0.000266 | 0.002074 | 759 | 429 | 701 | 118 | 50 | 58 |
| Solyc09g065920.2.1 | 2.329493 | 2.397266 | 0.00067 | 0.004527 | 169 | 1183 | 591 | 22 | 133 | 53 |
| Solyc09g065480.1.1 | 2.330084 | 2.601229 | 1.77E-05 | 0.000201 | 433 | 1031 | 599 | 84 | 59 | 69 |
| Solyc08g081080.2.1 | 2.330882 | 3.425723 | 2.67E-05 | 0.000289 | 453 | 1918 | 1405 | 60 | 250 | 110 |
| Solyc09g018510.2.1 | 2.331394 | 4.437445 | 8.20E-07 | 1.39E-05 | 2031 | 2561 | 2296 | 402 | 223 | 158 |
| Solyc09g005230.2.1 | 2.331729 | 2.408335 | 9.19E-05 | 0.00084 | 472 | 645 | 572 | 104 | 53 | 34 |
| Solyc03g097650.2.1 | 2.331886 | 0.810193 | 0.001709 | 0.009969 | 124 | 212 | 220 | 15 | 49 | 7 |
| Solyc04g077320.1.1 | 2.333927 | 0.990755 | 0.000955 | 0.006102 | 135 | 338 | 194 | 12 | 25 | 31 |
| Solyc10g005790.2.1 | 2.334431 | 3.17723 | 5.11E-06 | 6.84E-05 | 866 | 1020 | 959 | 100 | 99 | 117 |
| Solyc11g066820.1.1 | 2.335278 | 3.821399 | 2.53E-06 | 3.69E-05 | 829 | 2342 | 1683 | 90 | 353 | 121 |
| Solyc05g051740.2.1 | 2.337595 | 1.129237 | 0.000811 | 0.00532 | 270 | 178 | 191 | 32 | 30 | 17 |
| Solyc09g092270.2.1 | 2.338447 | 4.685735 | 0.000539 | 0.003756 | 2977 | 3858 | 1517 | 682 | 153 | 83 |

| | | | | | | | | | | |
|---------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc09g064520.2.1 | 2.338525 | 1.117677 | 0.000274 | 0.002126 | 179 | 299 | 220 | 21 | 31 | 25 |
| Solyc01g067480.2.1 | 2.340378 | 2.797433 | 6.45E-06 | 8.38E-05 | 431 | 1173 | 777 | 91 | 80 | 75 |
| Solyc01g065750.2.1 | 2.340567 | 0.763855 | 0.001029 | 0.006493 | 97 | 264 | 203 | 29 | 22 | 10 |
| Solyc06g009400.2.1 | 2.341651 | 5.975322 | 2.60E-07 | 5.04E-06 | 3922 | 9485 | 7861 | 954 | 735 | 574 |
| Solyc06g076570.1.1 | 2.342659 | 3.124685 | 2.56E-06 | 3.73E-05 | 814 | 1053 | 909 | 127 | 108 | 79 |
| Solyc01g110340.2.1 | 2.342782 | 2.48298 | 0.000346 | 0.002591 | 804 | 470 | 360 | 89 | 101 | 25 |
| Solyc07g025510.2.1 | 2.344577 | 1.420286 | 0.000191 | 0.00157 | 155 | 397 | 339 | 33 | 48 | 19 |
| Solyc05g013460.2.1 | 2.345307 | 3.923223 | 7.34E-08 | 1.62E-06 | 904 | 2451 | 1833 | 192 | 238 | 132 |
| Solyc02g081480.2.1 | 2.346421 | 1.85286 | 7.54E-05 | 0.00071 | 282 | 593 | 337 | 37 | 82 | 22 |
| Solyc01g097520.2.1 | 2.347835 | 4.675906 | 6.65E-06 | 8.58E-05 | 700 | 4740 | 3733 | 303 | 458 | 206 |
| Solyc02g088100.2.1 | 2.347851 | 1.877769 | 0.000228 | 0.001818 | 397 | 471 | 292 | 23 | 96 | 27 |
| Solyc06g062400.1.1 | 2.348767 | 1.234062 | 0.000853 | 0.005554 | 92 | 577 | 204 | 19 | 35 | 29 |
| Solyc04g054480.2.1 | 2.349189 | 6.776309 | 2.18E-07 | 4.30E-06 | 6767 | 16699 | 13709 | 1039 | 1980 | 1090 |
| Solyc10g052490.1.1 | 2.349975 | 6.489512 | 4.59E-06 | 6.23E-05 | 3790 | 15612 | 12191 | 665 | 2003 | 824 |
| Solyc07g056240.2.1 | 2.35085 | 2.160252 | 0.000495 | 0.003489 | 651 | 541 | 170 | 66 | 501 | 41 |
| Solyc05g054760.2.1 | 2.351057 | 7.705867 | 5.29E-06 | 7.04E-05 | 8143 | 31637 | 32130 | 2559 | 3232 | 1911 |
| Solyc05g012600.2.1 | 2.351531 | 3.5274 | 1.94E-06 | 2.96E-05 | 620 | 1777 | 1529 | 91 | 179 | 145 |
| Solyc04g076740.2.1 | 2.351709 | 2.888827 | 1.57E-06 | 2.45E-05 | 544 | 1159 | 785 | 82 | 107 | 78 |
| Solyc07g005010.2.1 | 2.354758 | 2.690316 | 1.32E-05 | 0.000156 | 361 | 1028 | 812 | 51 | 134 | 60 |
| Solyc09g092670.2.1 | 2.35479 | 2.303341 | 2.59E-05 | 0.00028 | 290 | 731 | 635 | 44 | 88 | 50 |
| Solyc02g067090.2.1 | 2.355351 | 4.809105 | 1.94E-08 | 5.00E-07 | 1708 | 5164 | 2959 | 237 | 493 | 306 |
| Solyc01g088670.1.1 | 2.356273 | 1.671314 | 0.000167 | 0.001387 | 180 | 500 | 395 | 21 | 58 | 37 |
| Solyc03g005010.2.1 | 2.35662 | 3.806596 | 3.20E-08 | 7.79E-07 | 964 | 2420 | 1432 | 163 | 229 | 125 |
| Solyc05g011820.1.1 | 2.357674 | 0.531674 | 0.001403 | 0.008463 | 62 | 235 | 190 | 20 | 20 | 11 |
| Solyc09g075940.2.1 | 2.358311 | 1.622544 | 0.000512 | 0.003596 | 256 | 294 | 401 | 21 | 33 | 49 |
| Solyc09g007190.2.1 | 2.358618 | 3.741006 | 0.000445 | 0.003204 | 1940 | 1101 | 879 | 313 | 122 | 47 |
| Solyc02g089250.2.1 | 2.359499 | 4.223586 | 4.03E-05 | 0.000415 | 2561 | 1347 | 1541 | 361 | 166 | 131 |
| Solyc09g098040.2.1 | 2.35981 | 6.99317 | 8.56E-07 | 1.44E-05 | 13087 | 16541 | 11332 | 2105 | 1612 | 913 |
| Solyc07g055720.2.1 | 2.360129 | 4.26528 | 0.000489 | 0.003467 | 3448 | 750 | 987 | 315 | 248 | 136 |
| Solyc11g011210.1.1 | 2.36073 | 0.626979 | 0.000871 | 0.005653 | 150 | 161 | 159 | 17 | 19 | 17 |
| Solyc05g012620.2.1 | 2.360867 | 3.431926 | 8.24E-05 | 0.000767 | 1399 | 1124 | 764 | 225 | 88 | 66 |
| Solyc01g109930.2.1 | 2.362722 | 2.272241 | 2.08E-05 | 0.000231 | 276 | 800 | 578 | 50 | 82 | 45 |
| Solyc05g014100.1.1 | 2.364064 | 3.727366 | 4.71E-08 | 1.10E-06 | 927 | 2313 | 1326 | 161 | 222 | 108 |
| Solyc01g101100.2.1 | 2.365251 | 4.143915 | 8.58E-08 | 1.87E-06 | 1907 | 2149 | 1543 | 232 | 217 | 177 |
| Solyc07g007020.2.1 | 2.365402 | 1.159526 | 0.000385 | 0.00283 | 161 | 365 | 221 | 13 | 40 | 27 |
| Solyc11g069710.1.1 | 2.366535 | 2.334526 | 0.000301 | 0.002305 | 220 | 878 | 662 | 20 | 113 | 57 |
| Solyc09g083130.2.1 | 2.367359 | 4.492234 | 0.000123 | 0.001079 | 2844 | 2309 | 1727 | 531 | 184 | 86 |
| Solyc07g006200.2.1 | 2.368415 | 3.531992 | 2.23E-07 | 4.38E-06 | 797 | 1550 | 1473 | 113 | 204 | 110 |
| Solyc01g009670.2.1 | 2.368891 | 1.855162 | 0.001116 | 0.006971 | 578 | 257 | 190 | 61 | 44 | 24 |
| Solyc12g009440.1.1 | 2.368904 | 5.924292 | 1.03E-06 | 1.69E-05 | 7230 | 5716 | 5565 | 917 | 851 | 448 |
| Solyc02g090680.2.1 | 2.370568 | 2.83877 | 2.11E-06 | 3.16E-05 | 666 | 1122 | 587 | 89 | 105 | 64 |
| Solyc01g0066020.2.1 | 2.370775 | 6.159387 | 9.67E-05 | 0.000878 | 11309 | 5048 | 4156 | 1289 | 730 | 512 |
| Solyc07g045440.1.1 | 2.371242 | 3.476244 | 6.61E-07 | 1.15E-05 | 626 | 1656 | 1487 | 147 | 179 | 84 |
| Solyc09g074420.2.1 | 2.371265 | 3.771039 | 1.00E-06 | 1.65E-05 | 1109 | 1941 | 1461 | 192 | 109 | 159 |
| Solyc04g074870.2.1 | 2.371385 | 3.26062 | 2.30E-05 | 0.000252 | 1277 | 885 | 710 | 157 | 129 | 62 |
| Solyc06g030540.2.1 | 2.372225 | 0.527874 | 0.001068 | 0.006693 | 96 | 235 | 148 | 22 | 23 | 7 |
| Solyc02g083310.2.1 | 2.373756 | 5.273952 | 9.95E-05 | 0.000899 | 6388 | 2911 | 1804 | 697 | 375 | 287 |
| Solyc08g048240.2.1 | 2.375312 | 2.870128 | 5.28E-06 | 7.03E-05 | 367 | 1173 | 973 | 79 | 127 | 63 |
| Solyc02g080500.2.1 | 2.377897 | 3.87169 | 8.38E-07 | 1.42E-05 | 920 | 2313 | 1758 | 88 | 271 | 175 |
| Solyc11g072500.1.1 | 2.378618 | 2.54863 | 4.97E-05 | 0.000496 | 246 | 800 | 923 | 64 | 75 | 65 |
| Solyc10g006800.2.1 | 2.379174 | 7.320762 | 2.73E-07 | 5.24E-06 | 17210 | 19967 | 13857 | 1782 | 2844 | 1321 |
| Solyc01g008520.2.1 | 2.380314 | 0.748073 | 0.000701 | 0.004706 | 173 | 250 | 115 | 25 | 20 | 13 |
| Solyc03g119310.2.1 | 2.383705 | 2.500117 | 0.000958 | 0.006112 | 97 | 1277 | 746 | 31 | 109 | 66 |
| Solyc04g054270.2.1 | 2.384206 | 1.529452 | 6.82E-05 | 0.000651 | 241 | 418 | 286 | 33 | 50 | 22 |
| Solyc09g014400.2.1 | 2.38459 | 3.812462 | 0.000137 | 0.00118 | 323 | 2844 | 1986 | 67 | 309 | 152 |
| Solyc03g119200.2.1 | 2.384743 | 2.927392 | 3.53E-05 | 0.00037 | 268 | 1667 | 871 | 119 | 97 | 55 |
| Solyc01g103250.2.1 | 2.38512 | 1.714115 | 0.000152 | 0.001289 | 177 | 565 | 389 | 20 | 63 | 36 |
| Solyc06g062370.2.1 | 2.38553 | 3.944724 | 0.00085 | 0.005538 | 503 | 1504 | 3023 | 46 | 476 | 109 |
| Solyc03g117550.1.1 | 2.387431 | 1.661629 | 0.000409 | 0.00298 | 213 | 474 | 367 | 17 | 35 | 52 |
| Solyc06g072350.2.1 | 2.388037 | 6.425012 | 3.69E-06 | 5.13E-05 | 4373 | 9751 | 14135 | 681 | 1319 | 1044 |
| Solyc08g076300.2.1 | 2.388754 | 1.693972 | 0.000879 | 0.005693 | 142 | 590 | 403 | 10 | 71 | 38 |
| Solyc02g083190.1.1 | 2.389644 | 0.569463 | 0.000685 | 0.004611 | 100 | 209 | 173 | 20 | 19 | 12 |
| Solyc01g068470.2.1 | 2.392715 | 2.28841 | 0.000214 | 0.001722 | 609 | 594 | 319 | 94 | 50 | 27 |
| Solyc04g076100.2.1 | 2.39393 | 1.527262 | 0.000186 | 0.001528 | 199 | 270 | 432 | 30 | 45 | 27 |
| Solyc09g090870.2.1 | 2.395293 | 3.520529 | 3.09E-07 | 5.82E-06 | 677 | 2127 | 1237 | 106 | 228 | 94 |
| Solyc06g051250.1.1 | 2.395885 | 0.866666 | 0.000294 | 0.002263 | 162 | 270 | 160 | 20 | 31 | 14 |
| Solyc04g014680.2.1 | 2.396115 | 3.403785 | 1.47E-05 | 0.000171 | 573 | 1729 | 1351 | 48 | 199 | 134 |
| Solyc09g015770.2.1 | 2.396246 | 6.400087 | 9.60E-06 | 0.000118 | 5104 | 19152 | 6826 | 400 | 2003 | 825 |
| Solyc03g119690.1.1 | 2.396567 | 5.587158 | 1.11E-06 | 1.81E-05 | 5827 | 5402 | 3760 | 811 | 647 | 279 |
| Solyc12g015710.1.1 | 2.396907 | 2.647234 | 5.22E-06 | 6.97E-05 | 397 | 1031 | 717 | 52 | 108 | 65 |
| Solyc04g050960.2.1 | 2.397543 | 3.918163 | 1.98E-07 | 3.93E-06 | 815 | 2728 | 1777 | 121 | 260 | 163 |
| Solyc09g074650.2.1 | 2.398008 | 4.0392 | 4.38E-08 | 1.03E-06 | 1233 | 2479 | 1815 | 241 | 180 | 148 |
| Solyc12g056800.1.1 | 2.398551 | 4.912917 | 1.05E-08 | 2.89E-07 | 1674 | 4892 | 3844 | 314 | 539 | 254 |
| Solyc10g086470.1.1 | 2.399861 | 1.322309 | 0.000115 | 0.001022 | 188 | 383 | 259 | 33 | 36 | 19 |
| Solyc04g079050.1.1 | 2.400842 | 2.087048 | 9.93E-05 | 0.000899 | 384 | 692 | 345 | 74 | 62 | 18 |
| Solyc07g052670.2.1 | 2.402723 | 1.802621 | 0.000177 | 0.001463 | 124 | 668 | 453 | 42 | 59 | 25 |
| Solyc09g010450.1.1 | 2.403073 | 1.697007 | 7.63E-05 | 0.000717 | 176 | 478 | 436 | 36 | 46 | 31 |
| Solyc02g084590.2.1 | 2.404863 | 2.528821 | 2.22E-05 | 0.000244 | 348 | 922 | 701 | 36 | 126 | 53 |
| Solyc02g080570.2.1 | 2.40595 | 5.041107 | 9.77E-09 | 2.71E-07 | 1742 | 5889 | 3973 | 318 | 542 | 322 |
| Solyc08g015960.2.1 | 2.407419 | 3.650677 | 3.61E-07 | 6.72E-06 | 604 | 2188 | 1618 | 150 | 183 | 112 |
| Solyc12g094430.1.1 | 2.407529 | 3.790191 | 2.94E-07 | 5.59E-06 | 1306 | 1819 | 1367 | 222 | 142 | 112 |
| Solyc04g040160.2.1 | 2.408514 | 3.368691 | 0.001522 | 0.009067 | 1701 | 773 | 492 | 248 | 68 | 38 |
| Solyc01g096390.2.1 | 2.408697 | 4.64345 | 3.02E-08 | 7.39E-07 | 1251 | 4862 | 2853 | 239 | 413 | 244 |
| Solyc09g082980.2.1 | 2.408828 | 3.741029 | 5.81E-08 | 1.32E-06 | 1002 | 1767 | 1638 | 173 | 173 | 121 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|------|------|
| Solyc07g045460.2.1 | 2.408889 | 2.573413 | 0.000168 | 0.001399 | 195 | 1404 | 638 | 45 | 150 | 36 |
| Solyc05g044480.2.1 | 2.40891 | 3.52036 | 6.00E-05 | 0.000585 | 366 | 2089 | 1651 | 56 | 275 | 105 |
| Solyc04g011900.2.1 | 2.40909 | 3.914039 | 0.000143 | 0.001223 | 2162 | 1249 | 1044 | 324 | 106 | 83 |
| Solyc05g051240.1.1 | 2.409419 | 3.689791 | 4.39E-05 | 0.000445 | 703 | 2846 | 1182 | 49 | 365 | 97 |
| Solyc01g005730.2.1 | 2.413236 | 3.478591 | 2.52E-05 | 0.000274 | 983 | 1460 | 1191 | 37 | 256 | 122 |
| Solyc09g010540.2.1 | 2.413286 | 1.266592 | 0.000593 | 0.004073 | 177 | 356 | 262 | 10 | 36 | 35 |
| Solyc10g081470.1.1 | 2.414035 | 4.221863 | 2.72E-08 | 6.74E-07 | 1739 | 2302 | 1978 | 269 | 235 | 149 |
| Solyc06g066620.2.1 | 2.414448 | 4.793717 | 4.31E-07 | 7.86E-06 | 3382 | 2689 | 2427 | 440 | 317 | 208 |
| Solyc11g066900.1.1 | 2.414565 | 3.634966 | 1.15E-06 | 1.87E-05 | 921 | 1755 | 1463 | 73 | 195 | 163 |
| Solyc11g007530.1.1 | 2.415288 | 1.16978 | 0.000725 | 0.004843 | 215 | 269 | 224 | 36 | 13 | 23 |
| Solyc11g044360.1.1 | 2.415989 | 2.313559 | 7.26E-06 | 9.27E-05 | 364 | 764 | 543 | 54 | 81 | 42 |
| Solyc03g005820.2.1 | 2.416531 | 2.422074 | 2.50E-05 | 0.000271 | 259 | 974 | 656 | 71 | 92 | 32 |
| Solyc05g047590.2.1 | 2.419507 | 1.416322 | 0.001006 | 0.00637 | 87 | 443 | 398 | 16 | 69 | 17 |
| Solyc03g006870.2.1 | 2.422259 | 5.890545 | 6.08E-09 | 1.77E-07 | 4844 | 9515 | 5788 | 678 | 929 | 508 |
| Solyc04g051660.2.1 | 2.42289 | 3.88788 | 8.96E-06 | 0.000111 | 418 | 3163 | 1910 | 126 | 286 | 129 |
| Solyc01g020440.2.1 | 2.423903 | 3.4711 | 2.69E-06 | 3.89E-05 | 463 | 2108 | 1408 | 86 | 214 | 103 |
| Solyc03g082960.2.1 | 2.424453 | 4.537426 | 1.31E-07 | 2.73E-06 | 1969 | 3729 | 2165 | 401 | 292 | 128 |
| Solyc08g081140.2.1 | 2.424825 | 4.729843 | 1.59E-08 | 4.20E-07 | 1926 | 4650 | 2629 | 407 | 288 | 215 |
| Solyc11g009010.1.1 | 2.424836 | 0.895209 | 0.000494 | 0.003483 | 97 | 333 | 212 | 12 | 34 | 19 |
| Solyc05g054600.2.1 | 2.424948 | 2.766337 | 7.59E-06 | 9.63E-05 | 327 | 1231 | 844 | 57 | 111 | 71 |
| Solyc10g080360.1.1 | 2.426242 | 1.542161 | 0.000199 | 0.001621 | 305 | 234 | 336 | 38 | 33 | 27 |
| Solyc05g024020.1.1 | 2.427103 | 1.504422 | 0.001714 | 0.009994 | 433 | 257 | 141 | 56 | 28 | 13 |
| Solyc08g007530.2.1 | 2.428116 | 0.529421 | 0.000691 | 0.004642 | 83 | 242 | 162 | 14 | 19 | 15 |
| Solyc09g007260.2.1 | 2.429681 | 2.682002 | 6.87E-06 | 8.82E-05 | 504 | 806 | 782 | 80 | 121 | 35 |
| Solyc12g014220.1.1 | 2.430257 | 2.352203 | 1.17E-05 | 0.000139 | 389 | 615 | 650 | 68 | 66 | 42 |
| Solyc04g082110.2.1 | 2.435552 | 1.197134 | 0.001005 | 0.006366 | 123 | 354 | 298 | 7 | 50 | 25 |
| Solyc10g080600.1.1 | 2.435918 | 1.823362 | 0.00028 | 0.002168 | 301 | 464 | 383 | 15 | 44 | 56 |
| Solyc08g065260.2.1 | 2.436162 | 3.71912 | 2.42E-07 | 4.72E-06 | 1548 | 1452 | 1114 | 162 | 176 | 117 |
| Solyc11g020040.1.1 | 2.436989 | 3.551408 | 0.000293 | 0.002251 | 227 | 2949 | 1360 | 51 | 237 | 133 |
| Solyc04g071610.2.1 | 2.437726 | 6.030625 | 1.13E-06 | 1.83E-05 | 3701 | 14988 | 5575 | 1021 | 982 | 345 |
| Solyc05g025500.2.1 | 2.437899 | 3.290204 | 6.28E-07 | 1.10E-05 | 951 | 1337 | 906 | 145 | 129 | 67 |
| Solyc07g038160.2.1 | 2.43799 | 1.886143 | 0.000124 | 0.001082 | 473 | 286 | 333 | 35 | 60 | 34 |
| Solyc12g056220.1.1 | 2.440106 | 6.426783 | 3.03E-06 | 4.32E-05 | 10484 | 9739 | 6747 | 1485 | 839 | 599 |
| Solyc08g007430.1.1 | 2.440156 | 0.617963 | 0.001056 | 0.006627 | 99 | 266 | 155 | 7 | 24 | 20 |
| Solyc11g065680.1.1 | 2.440985 | 1.890218 | 0.000277 | 0.002147 | 531 | 313 | 247 | 33 | 43 | 46 |
| Solyc04g079080.2.1 | 2.442889 | 0.129336 | 0.001025 | 0.006477 | 85 | 158 | 109 | 13 | 14 | 9 |
| Solyc02g087060.2.1 | 2.445071 | 2.71267 | 0.000497 | 0.003502 | 177 | 1096 | 1045 | 24 | 108 | 91 |
| Solyc07g005930.2.1 | 2.44537 | 4.757668 | 2.13E-08 | 5.45E-07 | 2091 | 4174 | 2904 | 202 | 611 | 199 |
| Solyc03g113460.1.1 | 2.445428 | 2.724774 | 7.38E-05 | 0.000698 | 874 | 507 | 575 | 85 | 53 | 75 |
| Solyc06g053830.2.1 | 2.445434 | 2.951743 | 1.36E-06 | 2.16E-05 | 564 | 1625 | 565 | 90 | 124 | 59 |
| Solyc12g088650.1.1 | 2.445681 | 2.360028 | 0.000136 | 0.001179 | 242 | 836 | 701 | 24 | 74 | 73 |
| Solyc10g078160.1.1 | 2.445916 | 2.726091 | 1.33E-06 | 2.11E-05 | 538 | 917 | 732 | 68 | 112 | 54 |
| Solyc08g079100.2.1 | 2.447047 | 3.276448 | 6.09E-05 | 0.000592 | 1201 | 1287 | 604 | 157 | 172 | 28 |
| Solyc06g072710.2.1 | 2.448109 | 2.013027 | 0.000153 | 0.001291 | 331 | 596 | 414 | 77 | 48 | 15 |
| Solyc04g011580.2.1 | 2.449602 | 4.308143 | 4.40E-09 | 1.31E-07 | 1734 | 2564 | 2187 | 182 | 350 | 173 |
| Solyc09g065160.2.1 | 2.45 | 4.699157 | 4.88E-07 | 8.78E-06 | 2849 | 3514 | 2063 | 458 | 310 | 135 |
| Solyc07g043330.1.1 | 2.454108 | 3.176035 | 2.00E-06 | 3.02E-05 | 476 | 1433 | 1212 | 81 | 116 | 105 |
| Solyc01g028870.2.1 | 2.455332 | 3.79842 | 7.18E-08 | 1.59E-06 | 730 | 2449 | 1725 | 138 | 233 | 119 |
| Solyc02g070210.2.1 | 2.457185 | 1.944189 | 0.000503 | 0.003538 | 225 | 255 | 707 | 62 | 36 | 29 |
| Solyc08g007770.2.1 | 2.457481 | 2.778053 | 2.23E-06 | 3.32E-05 | 546 | 1191 | 622 | 93 | 73 | 62 |
| Solyc07g043490.1.1 | 2.460414 | 3.355023 | 0.000138 | 0.001189 | 192 | 2915 | 982 | 137 | 129 | 82 |
| Solyc04g053120.2.1 | 2.460664 | 4.126689 | 1.71E-08 | 4.47E-07 | 1272 | 2609 | 2029 | 255 | 220 | 124 |
| Solyc05g006170.2.1 | 2.462696 | 4.788203 | 2.43E-06 | 3.56E-05 | 980 | 5341 | 3726 | 159 | 550 | 278 |
| Solyc04g071800.2.1 | 2.464313 | 5.681609 | 4.55E-07 | 8.23E-06 | 5633 | 6786 | 4209 | 883 | 571 | 299 |
| Solyc05g005880.2.1 | 2.464744 | 5.425109 | 8.23E-06 | 0.000103 | 4860 | 4491 | 4100 | 878 | 367 | 201 |
| Solyc04g071930.2.1 | 2.465332 | 3.542061 | 0.001531 | 0.009107 | 2051 | 620 | 574 | 265 | 83 | 41 |
| Solyc06g082980.2.1 | 2.467571 | 5.807057 | 6.66E-06 | 8.60E-05 | 4688 | 9557 | 5032 | 1152 | 467 | 260 |
| Solyc04g074080.2.1 | 2.469721 | 3.205264 | 0.000274 | 0.002128 | 1125 | 903 | 808 | 210 | 62 | 30 |
| Solyc11g071550.1.1 | 2.471687 | 2.475215 | 7.79E-05 | 0.00073 | 600 | 392 | 677 | 53 | 125 | 28 |
| Solyc08g008380.2.1 | 2.47229 | 2.996302 | 0.000133 | 0.00115 | 1095 | 766 | 557 | 158 | 79 | 33 |
| Solyc04g009260.1.1 | 2.472405 | 1.612866 | 9.68E-05 | 0.000879 | 195 | 351 | 446 | 24 | 60 | 24 |
| Solyc11g069430.1.1 | 2.47246 | 6.602524 | 2.63E-07 | 5.08E-06 | 8613 | 14723 | 9357 | 588 | 1548 | 1168 |
| Solyc01g097510.2.1 | 2.473271 | 2.972193 | 7.36E-05 | 0.000697 | 252 | 1467 | 1114 | 46 | 193 | 54 |
| Solyc07g062300.2.1 | 2.475687 | 2.541371 | 3.78E-06 | 5.25E-05 | 401 | 890 | 684 | 45 | 105 | 53 |
| Solyc07g042500.2.1 | 2.475721 | 5.153933 | 6.16E-08 | 1.39E-06 | 1700 | 7710 | 3752 | 288 | 696 | 291 |
| Solyc02g077160.2.1 | 2.480338 | 2.505163 | 3.66E-06 | 5.09E-05 | 451 | 841 | 610 | 44 | 86 | 61 |
| Solyc01g010480.2.1 | 2.482446 | 7.244433 | 1.06E-06 | 1.74E-05 | 7608 | 24757 | 20753 | 1012 | 3013 | 1377 |
| Solyc08g065820.1.1 | 2.484826 | 0.366496 | 0.001513 | 0.009016 | 53 | 180 | 195 | 9 | 25 | 10 |
| Solyc11g007830.1.1 | 2.487779 | 4.965943 | 2.02E-10 | 7.98E-09 | 2394 | 5021 | 3298 | 327 | 453 | 281 |
| Solyc04g056580.2.1 | 2.489659 | 4.070941 | 5.23E-08 | 1.20E-06 | 1606 | 2046 | 1790 | 247 | 236 | 96 |
| Solyc03g093880.2.1 | 2.490128 | 3.071964 | 7.36E-07 | 1.26E-05 | 597 | 1622 | 761 | 75 | 105 | 95 |
| Solyc07g063770.2.1 | 2.490953 | 2.937492 | 1.70E-05 | 0.000194 | 378 | 1931 | 609 | 44 | 150 | 74 |
| Solyc08g006270.1.1 | 2.493642 | 0.721476 | 0.000256 | 0.00201 | 127 | 261 | 161 | 20 | 19 | 14 |
| Solyc05g009780.2.1 | 2.494331 | 4.140865 | 3.29E-08 | 7.98E-07 | 1096 | 2758 | 2224 | 238 | 275 | 101 |
| Solyc09g089690.2.1 | 2.495937 | 4.119184 | 2.62E-06 | 3.81E-05 | 2035 | 1824 | 1576 | 318 | 151 | 101 |
| Solyc03g119640.2.1 | 2.496064 | 3.044359 | 3.94E-07 | 7.26E-06 | 793 | 1274 | 695 | 82 | 139 | 64 |
| Solyc02g086730.1.1 | 2.496065 | 5.822815 | 3.25E-06 | 4.59E-05 | 6507 | 5882 | 5355 | 1039 | 506 | 321 |
| Solyc01g095170.2.1 | 2.497992 | 1.894005 | 0.000717 | 0.004802 | 66 | 911 | 449 | 27 | 71 | 31 |
| Solyc02g082120.2.1 | 2.498024 | 5.390696 | 2.19E-09 | 6.91E-08 | 3673 | 7022 | 3699 | 406 | 819 | 275 |
| Solyc03g113010.1.1 | 2.498161 | 3.58168 | 2.46E-08 | 6.19E-07 | 1196 | 1640 | 1093 | 124 | 175 | 105 |
| Solyc08g075120.2.1 | 2.498527 | 2.363663 | 9.24E-05 | 0.000845 | 311 | 685 | 724 | 42 | 36 | 77 |
| Solyc09g098290.2.1 | 2.499034 | 3.609398 | 6.29E-07 | 1.10E-05 | 950 | 1604 | 1491 | 202 | 112 | 84 |
| Solyc12g013810.1.1 | 2.49917 | 5.884719 | 3.69E-07 | 6.86E-06 | 7552 | 5891 | 4813 | 805 | 689 | 467 |
| Solyc01g098340.2.1 | 2.499585 | 3.603978 | 1.68E-08 | 4.39E-07 | 899 | 2127 | 1207 | 116 | 172 | 118 |

| | | | | | | | | | | |
|---------------------|----------|----------|----------|----------|-------|-------|--------|------|-------|------|
| Solyc12g008400.1.1 | 2.499732 | 2.358088 | 8.58E-06 | 0.000107 | 415 | 807 | 512 | 41 | 60 | 63 |
| Solyc08g077050.2.1 | 2.500558 | 3.897082 | 8.85E-08 | 1.92E-06 | 1241 | 2098 | 1634 | 229 | 140 | 115 |
| Solyc12g0566510.1.1 | 2.504309 | 3.545761 | 2.01E-07 | 4.00E-06 | 1066 | 1714 | 1119 | 174 | 111 | 93 |
| Solyc11g066670.1.1 | 2.505692 | 3.542668 | 1.44E-06 | 2.28E-05 | 491 | 2300 | 1450 | 149 | 112 | 112 |
| Solyc07g043600.2.1 | 2.506969 | 4.057195 | 7.97E-08 | 1.74E-06 | 1042 | 2686 | 2042 | 108 | 349 | 135 |
| Solyc10g055760.1.1 | 2.507188 | 3.386897 | 0.000314 | 0.00239 | 609 | 2758 | 651 | 20 | 244 | 109 |
| Solyc12g0066320.1.1 | 2.507255 | 6.843677 | 1.03E-07 | 2.21E-06 | 7395 | 22128 | 11633 | 1665 | 1428 | 762 |
| Solyc05g018510.2.1 | 2.512191 | 4.73805 | 5.48E-05 | 0.00054 | 3681 | 2687 | 1826 | 554 | 257 | 81 |
| Solyc04g009740.2.1 | 2.513929 | 4.858205 | 2.30E-08 | 5.82E-07 | 3458 | 3454 | 2320 | 396 | 380 | 197 |
| Solyc02g090890.2.1 | 2.514355 | 5.744902 | 1.66E-05 | 0.00019 | 7238 | 6121 | 3426 | 241 | 1390 | 367 |
| Solyc05g053570.2.1 | 2.515295 | 1.317792 | 7.98E-05 | 0.000746 | 139 | 464 | 274 | 23 | 37 | 22 |
| Solyc12g088430.1.1 | 2.515587 | 0.269992 | 0.00076 | 0.005041 | 109 | 127 | 136 | 12 | 15 | 11 |
| Solyc06g008050.2.1 | 2.518308 | 0.56061 | 0.001256 | 0.007691 | 146 | 237 | 101 | 8 | 14 | 22 |
| Solyc08g067240.2.1 | 2.519187 | 2.037812 | 8.99E-06 | 0.000111 | 316 | 669 | 416 | 32 | 69 | 37 |
| Solyc03g117860.2.1 | 2.51934 | 6.153512 | 0.000948 | 0.006062 | 13638 | 4064 | 2152 | 1306 | 855 | 253 |
| Solyc07g006630.2.1 | 2.519871 | 3.351031 | 1.40E-06 | 2.22E-05 | 1219 | 1045 | 915 | 116 | 187 | 55 |
| Solyc10g018530.1.1 | 2.520361 | 1.246117 | 0.000171 | 0.001428 | 213 | 394 | 192 | 26 | 47 | 10 |
| Solyc04g071280.1.1 | 2.522938 | 2.304902 | 3.90E-06 | 5.39E-05 | 332 | 875 | 519 | 54 | 66 | 42 |
| Solyc04g028470.1.1 | 2.522988 | 0.677859 | 0.000325 | 0.002467 | 160 | 233 | 125 | 13 | 22 | 16 |
| Solyc10g009570.2.1 | 2.524353 | 3.871572 | 0.001484 | 0.008863 | 2928 | 569 | 451 | 247 | 94 | 115 |
| Solyc03g117540.2.1 | 2.52818 | 3.793467 | 2.70E-08 | 6.71E-07 | 1195 | 1980 | 1466 | 189 | 203 | 78 |
| Solyc12g007140.1.1 | 2.528329 | 3.639185 | 6.22E-07 | 1.09E-05 | 714 | 2156 | 1520 | 68 | 197 | 145 |
| Solyc08g082570.2.1 | 2.529046 | 2.972616 | 4.30E-06 | 5.87E-05 | 690 | 1187 | 764 | 136 | 77 | 42 |
| Solyc07g053020.1.1 | 2.530549 | 4.151669 | 9.14E-06 | 0.000113 | 1028 | 3227 | 2069 | 50 | 348 | 206 |
| Solyc09g011770.2.1 | 2.532796 | 1.608574 | 0.000161 | 0.001351 | 109 | 491 | 465 | 24 | 50 | 27 |
| Solyc06g071790.2.1 | 2.535591 | 6.526883 | 3.73E-05 | 0.000388 | 9665 | 11024 | 9089 | 1980 | 577 | 378 |
| Solyc12g014250.1.1 | 2.536571 | 6.553936 | 3.30E-06 | 4.65E-05 | 3590 | 18244 | 12558 | 518 | 1818 | 893 |
| Solyc05g012100.2.1 | 2.540263 | 4.589149 | 2.79E-07 | 5.34E-06 | 1045 | 5017 | 2834 | 157 | 502 | 185 |
| Solyc02g070000.2.1 | 2.540417 | 2.75977 | 0.000303 | 0.002317 | 284 | 1220 | 920 | 14 | 149 | 71 |
| Solyc02g079870.2.1 | 2.542599 | 3.082745 | 5.84E-07 | 1.03E-05 | 632 | 1082 | 1097 | 72 | 161 | 59 |
| Solyc03g113680.2.1 | 2.543442 | 2.520696 | 0.000132 | 0.001146 | 846 | 400 | 433 | 91 | 48 | 41 |
| Solyc02g064640.2.1 | 2.544314 | 3.357199 | 9.56E-07 | 1.58E-05 | 605 | 1546 | 1377 | 103 | 209 | 50 |
| Solyc02g077260.2.1 | 2.545769 | 1.204152 | 7.28E-05 | 0.000691 | 166 | 452 | 193 | 25 | 31 | 18 |
| Solyc03g093550.1.1 | 2.548116 | 3.523241 | 3.47E-05 | 0.000365 | 308 | 3345 | 979 | 70 | 206 | 110 |
| Solyc03g006690.1.1 | 2.55059 | 3.141376 | 0.000152 | 0.00129 | 632 | 1714 | 802 | 197 | 48 | 31 |
| Solyc08g079110.2.1 | 2.551333 | 2.724754 | 8.41E-05 | 0.00078 | 626 | 743 | 753 | 115 | 27 | 55 |
| Solyc09g007550.2.1 | 2.552353 | 2.273122 | 1.29E-05 | 0.000152 | 436 | 595 | 541 | 28 | 77 | 52 |
| Solyc10g044840.1.1 | 2.553487 | 1.844977 | 0.000229 | 0.001828 | 543 | 303 | 217 | 52 | 38 | 24 |
| Solyc06g059870.1.1 | 2.555003 | 6.399983 | 5.80E-08 | 1.32E-06 | 8996 | 11591 | 7241 | 1142 | 832 | 693 |
| Solyc01g098560.2.1 | 2.555123 | 4.916205 | 2.45E-08 | 6.18E-07 | 2957 | 4716 | 2537 | 482 | 316 | 176 |
| Solyc10g085330.1.1 | 2.555155 | 1.622773 | 5.06E-05 | 0.000504 | 304 | 449 | 263 | 19 | 63 | 23 |
| Solyc03g112210.1.1 | 2.556011 | 3.288034 | 1.39E-07 | 2.87E-06 | 937 | 1300 | 979 | 126 | 135 | 61 |
| Solyc03g111700.2.1 | 2.558638 | 4.109578 | 3.46E-08 | 8.30E-07 | 1887 | 2505 | 1324 | 249 | 189 | 116 |
| Solyc07g018360.2.1 | 2.559189 | 6.997127 | 8.75E-09 | 2.45E-07 | 8667 | 20194 | 15411 | 1295 | 1853 | 1049 |
| Solyc02g082680.2.1 | 2.56027 | 4.27128 | 1.23E-09 | 4.08E-08 | 1876 | 2487 | 1976 | 169 | 302 | 166 |
| Solyc05g050220.2.1 | 2.561104 | 0.645042 | 0.001085 | 0.006788 | 57 | 428 | 117 | 19 | 22 | 9 |
| Solyc11g010960.1.1 | 2.56139 | 2.842398 | 9.29E-05 | 0.000847 | 897 | 825 | 540 | 137 | 76 | 21 |
| Solyc12g019110.1.1 | 2.562051 | 2.983259 | 1.43E-06 | 2.27E-05 | 482 | 1342 | 948 | 47 | 124 | 85 |
| Solyc01g096660.2.1 | 2.562364 | 5.284282 | 1.39E-08 | 3.75E-07 | 4790 | 4479 | 3105 | 501 | 489 | 275 |
| Solyc01g087500.2.1 | 2.563666 | 1.90416 | 0.000523 | 0.003659 | 161 | 291 | 743 | 36 | 27 | 47 |
| Solyc12g011010.1.1 | 2.566115 | 1.403268 | 4.13E-05 | 0.000423 | 265 | 330 | 255 | 22 | 40 | 23 |
| Solyc02g093720.2.1 | 2.566504 | 2.236054 | 0.000433 | 0.003131 | 702 | 308 | 360 | 82 | 29 | 32 |
| Solyc08g080000.2.1 | 2.566611 | 2.258739 | 9.94E-05 | 0.000899 | 263 | 884 | 559 | 29 | 127 | 19 |
| Solyc08g075950.1.1 | 2.567217 | 0.925196 | 0.00035 | 0.002618 | 89 | 276 | 278 | 19 | 18 | 20 |
| Solyc01g091450.2.1 | 2.568465 | 2.149529 | 2.08E-05 | 0.000231 | 317 | 713 | 494 | 21 | 83 | 43 |
| Solyc08g007380.2.1 | 2.569192 | 1.409631 | 7.61E-05 | 0.000715 | 156 | 417 | 338 | 29 | 47 | 13 |
| Solyc11g012690.1.1 | 2.56995 | 1.553669 | 0.000263 | 0.002052 | 239 | 384 | 341 | 10 | 37 | 42 |
| Solyc06g060880.2.1 | 2.570073 | 1.087817 | 0.000119 | 0.001051 | 207 | 320 | 174 | 26 | 21 | 18 |
| Solyc07g056310.2.1 | 2.570655 | 0.550784 | 0.000808 | 0.005309 | 119 | 189 | 165 | 5 | 27 | 15 |
| Solyc07g005830.2.1 | 2.571132 | 4.654517 | 1.80E-09 | 5.78E-08 | 2117 | 3462 | 2859 | 345 | 271 | 183 |
| Solyc07g062870.2.1 | 2.571519 | 5.075323 | 2.13E-09 | 6.74E-08 | 2480 | 4797 | 4168 | 469 | 336 | 255 |
| Solyc01g010130.2.1 | 2.574026 | 2.405038 | 1.42E-06 | 2.25E-05 | 400 | 807 | 595 | 51 | 77 | 43 |
| Solyc09g010140.1.1 | 2.57567 | 0.430592 | 0.001048 | 0.006588 | 157 | 162 | 100 | 22 | 12 | 7 |
| Solyc09g089540.2.1 | 2.576058 | 10.02423 | 0.000318 | 0.002416 | 16420 | 94003 | 238461 | 9709 | 15363 | 8845 |
| Solyc07g066610.2.1 | 2.577903 | 7.544322 | 5.96E-06 | 7.83E-05 | 27020 | 16218 | 13298 | 2797 | 1867 | 1232 |
| Solyc10g083300.1.1 | 2.578538 | 2.804889 | 0.000162 | 0.00136 | 845 | 868 | 524 | 146 | 51 | 22 |
| Solyc04g081320.2.1 | 2.578783 | 4.061623 | 0.00158 | 0.009337 | 3337 | 620 | 567 | 330 | 115 | 74 |
| Solyc06g076470.2.1 | 2.578834 | 4.136422 | 2.21E-07 | 4.36E-06 | 2299 | 1549 | 1533 | 229 | 215 | 120 |
| Solyc12g010870.1.1 | 2.580874 | 4.373295 | 4.14E-09 | 1.24E-07 | 1993 | 2438 | 2308 | 262 | 295 | 123 |
| Solyc11g065530.1.1 | 2.582828 | 2.972989 | 0.000148 | 0.001262 | 201 | 1577 | 1135 | 51 | 200 | 33 |
| Solyc09g064870.2.1 | 2.583374 | 0.69328 | 0.000779 | 0.005149 | 201 | 154 | 134 | 23 | 23 | 6 |
| Solyc09g007570.1.1 | 2.584415 | 0.031625 | 0.001535 | 0.009127 | 114 | 103 | 92 | 14 | 14 | 4 |
| Solyc03g118240.2.1 | 2.584523 | 4.519528 | 3.12E-10 | 1.20E-08 | 1693 | 3267 | 2830 | 250 | 299 | 184 |
| Solyc01g091800.2.1 | 2.584877 | 2.552741 | 9.86E-06 | 0.000121 | 257 | 937 | 866 | 44 | 109 | 43 |
| Solyc12g010910.1.1 | 2.585197 | 2.718593 | 9.28E-05 | 0.000847 | 549 | 692 | 880 | 127 | 66 | 18 |
| Solyc11g056650.1.1 | 2.586089 | 2.792973 | 6.33E-06 | 8.24E-05 | 475 | 1663 | 458 | 41 | 107 | 73 |
| Solyc05g052160.2.1 | 2.589817 | 3.243664 | 1.19E-06 | 1.93E-05 | 657 | 1657 | 1017 | 44 | 171 | 95 |
| Solyc04g072780.2.1 | 2.593462 | 5.064893 | 8.65E-07 | 1.45E-05 | 1233 | 6652 | 4480 | 170 | 510 | 381 |
| Solyc10g086640.1.1 | 2.596675 | 0.683241 | 0.000311 | 0.002372 | 105 | 183 | 230 | 16 | 17 | 15 |
| Solyc06g069170.2.1 | 2.596711 | 5.705314 | 1.22E-09 | 4.04E-08 | 4201 | 7416 | 6055 | 655 | 676 | 343 |
| Solyc08g065950.1.1 | 2.599956 | 3.641822 | 1.13E-07 | 2.38E-06 | 1176 | 1883 | 1155 | 145 | 94 | 130 |
| Solyc05g051450.1.1 | 2.600481 | 1.14369 | 0.000334 | 0.00252 | 254 | 346 | 128 | 12 | 50 | 13 |
| Solyc01g102300.2.1 | 2.60057 | 4.275801 | 0.000153 | 0.001297 | 332 | 5119 | 2254 | 71 | 419 | 168 |
| Solyc01g006940.2.1 | 2.6006 | 4.371691 | 6.12E-10 | 2.18E-08 | 1707 | 2812 | 2429 | 248 | 283 | 135 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|--------|--------|--------|-------|-------|-------|
| Solyc01g079570.2.1 | 2.600958 | 0.543187 | 0.000623 | 0.004253 | 137 | 142 | 172 | 7 | 23 | 15 |
| Solyc06g054250.2.1 | 2.6013 | 4.370102 | 3.62E-10 | 1.35E-08 | 1805 | 2937 | 2220 | 187 | 253 | 202 |
| Solyc01g057200.2.1 | 2.602046 | 2.112735 | 4.64E-06 | 6.29E-05 | 305 | 778 | 437 | 32 | 63 | 41 |
| Solyc12g010050.1.1 | 2.60335 | 1.480269 | 0.000172 | 0.001431 | 186 | 366 | 377 | 10 | 55 | 26 |
| Solyc03g114250.2.1 | 2.603854 | 2.731265 | 7.78E-07 | 1.32E-05 | 602 | 980 | 652 | 88 | 84 | 39 |
| Solyc10g081730.1.1 | 2.604374 | 0.219256 | 0.000791 | 0.005218 | 77 | 186 | 127 | 11 | 9 | 13 |
| Solyc03g123490.1.1 | 2.605322 | 3.519574 | 9.19E-07 | 1.53E-05 | 593 | 2182 | 1378 | 57 | 171 | 131 |
| Solyc09g074880.2.1 | 2.607129 | 1.938969 | 6.30E-05 | 0.00061 | 322 | 431 | 487 | 37 | 24 | 48 |
| Solyc03g096850.2.1 | 2.609561 | 4.288467 | 0.000344 | 0.002583 | 2723 | 1635 | 1569 | 447 | 106 | 45 |
| Solyc01g005720.2.1 | 2.610063 | 3.088007 | 1.88E-06 | 2.87E-05 | 620 | 1278 | 1013 | 38 | 160 | 80 |
| Solyc03g093340.2.1 | 2.610685 | 2.762159 | 1.30E-05 | 0.000153 | 917 | 660 | 511 | 50 | 71 | 81 |
| Solyc03g078640.1.1 | 2.611621 | 3.384812 | 1.41E-05 | 0.000165 | 410 | 1913 | 1465 | 39 | 208 | 98 |
| Solyc08g065430.2.1 | 2.611965 | 2.1472 | 0.00017 | 0.001414 | 255 | 818 | 508 | 17 | 122 | 20 |
| Solyc08g065940.2.1 | 2.61445 | 5.69124 | 4.55E-09 | 1.35E-07 | 5355 | 7426 | 4490 | 693 | 565 | 351 |
| Solyc01g056780.2.1 | 2.615671 | 3.773344 | 3.58E-08 | 8.57E-07 | 1391 | 1623 | 1428 | 190 | 155 | 83 |
| Solyc06g074820.2.1 | 2.61716 | 4.748536 | 2.07E-07 | 4.10E-06 | 1185 | 3612 | 4476 | 212 | 524 | 168 |
| Solyc11g013390.1.1 | 2.617732 | 0.473018 | 0.000311 | 0.002368 | 103 | 192 | 161 | 18 | 16 | 8 |
| Solyc04g054990.2.1 | 2.6182 | 5.199842 | 2.56E-08 | 6.39E-07 | 1832 | 4768 | 5972 | 296 | 591 | 298 |
| Solyc05g006770.2.1 | 2.619211 | 0.371466 | 0.001032 | 0.006505 | 69 | 208 | 163 | 6 | 14 | 17 |
| Solyc03g096460.2.1 | 2.619353 | 3.500997 | 0.001427 | 0.008589 | 2070 | 396 | 648 | 235 | 59 | 45 |
| Solyc07g006000.2.1 | 2.621336 | 4.442572 | 1.40E-06 | 2.22E-05 | 2751 | 2091 | 1927 | 353 | 143 | 150 |
| Solyc01g111260.2.1 | 2.62325 | 4.720608 | 2.55E-08 | 6.37E-07 | 1091 | 5747 | 3078 | 287 | 392 | 169 |
| Solyc09g065760.2.1 | 2.627472 | 3.114384 | 1.10E-06 | 1.80E-05 | 381 | 2017 | 889 | 85 | 101 | 78 |
| Solyc01g108070.2.1 | 2.62781 | 2.899381 | 5.44E-07 | 9.68E-06 | 775 | 897 | 748 | 97 | 91 | 45 |
| Solyc01g100760.2.1 | 2.634584 | 3.482541 | 1.55E-06 | 2.41E-05 | 495 | 1921 | 1587 | 167 | 130 | 53 |
| Solyc05g051640.2.1 | 2.63558 | 1.185004 | 0.000112 | 0.000999 | 116 | 294 | 353 | 18 | 36 | 17 |
| Solyc12g014610.1.1 | 2.637753 | 4.390088 | 3.52E-10 | 1.32E-08 | 2178 | 3012 | 1823 | 204 | 321 | 144 |
| Solyc10g006370.2.1 | 2.639872 | 4.110534 | 2.24E-09 | 7.02E-08 | 1404 | 2361 | 2059 | 216 | 167 | 136 |
| Solyc04g071150.2.1 | 2.639969 | 2.121043 | 0.000137 | 0.00118 | 460 | 382 | 511 | 78 | 25 | 24 |
| Solyc10g084970.1.1 | 2.640139 | 2.698688 | 3.14E-07 | 5.92E-06 | 590 | 1011 | 608 | 72 | 76 | 50 |
| Solyc05g026240.1.1 | 2.645098 | 2.260072 | 1.65E-05 | 0.000189 | 304 | 696 | 640 | 71 | 60 | 19 |
| Solyc09g089730.2.1 | 2.648148 | 4.183493 | 4.78E-09 | 1.41E-07 | 1118 | 3661 | 1866 | 117 | 285 | 167 |
| Solyc06g008220.2.1 | 2.648441 | 4.150302 | 2.06E-08 | 5.29E-07 | 946 | 3018 | 2362 | 110 | 300 | 154 |
| Solyc01g106590.2.1 | 2.649827 | 1.788409 | 6.22E-06 | 8.12E-05 | 249 | 559 | 384 | 36 | 46 | 24 |
| Solyc09g008640.1.1 | 2.652173 | 1.713589 | 6.76E-05 | 0.000646 | 216 | 539 | 384 | 54 | 34 | 12 |
| Solyc01g058160.2.1 | 2.652929 | 0.020968 | 0.000738 | 0.004914 | 88 | 164 | 84 | 11 | 16 | 4 |
| Solyc09g010160.1.1 | 2.654288 | 2.914338 | 0.000453 | 0.003253 | 130 | 1524 | 1176 | 22 | 165 | 62 |
| Solyc12g008410.1.1 | 2.654985 | 3.507302 | 5.19E-07 | 9.30E-06 | 603 | 2077 | 1420 | 54 | 193 | 110 |
| Solyc10g084320.1.1 | 2.655921 | 7.690971 | 2.32E-05 | 0.000254 | 11288 | 16442 | 39252 | 3420 | 1485 | 1206 |
| Solyc09g074260.1.1 | 2.663476 | 2.768185 | 0.000292 | 0.002248 | 988 | 672 | 436 | 116 | 90 | 48 |
| Solyc03g063560.2.1 | 2.663875 | 8.027335 | 5.65E-05 | 0.000555 | 38998 | 23115 | 17446 | 4915 | 1916 | 984 |
| Solyc02g089690.2.1 | 2.665265 | 1.212996 | 0.000138 | 0.001191 | 116 | 358 | 328 | 24 | 41 | 9 |
| Solyc11g067130.1.1 | 2.666574 | 0.528324 | 0.000234 | 0.001866 | 129 | 203 | 141 | 9 | 27 | 9 |
| Solyc11g006680.1.1 | 2.667208 | 3.818001 | 2.04E-09 | 6.48E-08 | 952 | 2278 | 1708 | 155 | 197 | 87 |
| Solyc12g055720.1.1 | 2.669074 | 4.412516 | 2.49E-07 | 4.85E-06 | 1749 | 3467 | 2184 | 371 | 150 | 106 |
| Solyc03g111260.2.1 | 2.672512 | 4.521313 | 1.29E-10 | 5.29E-09 | 1594 | 3837 | 2658 | 176 | 327 | 200 |
| Solyc05g050550.2.1 | 2.673064 | 1.508719 | 0.000803 | 0.005284 | 381 | 283 | 212 | 57 | 28 | 8 |
| Solyc07g045140.2.1 | 2.675196 | 1.983843 | 0.000202 | 0.00164 | 379 | 694 | 295 | 59 | 62 | 6 |
| Solyc09g056170.2.1 | 2.677286 | 1.15306 | 0.000195 | 0.001597 | 198 | 247 | 270 | 23 | 43 | 6 |
| Solyc12g013980.1.1 | 2.678385 | 0.034521 | 0.000481 | 0.003417 | 75 | 180 | 93 | 10 | 14 | 6 |
| Solyc04g063240.2.1 | 2.681129 | 3.334211 | 0.000225 | 0.001798 | 1606 | 870 | 559 | 198 | 72 | 29 |
| Solyc07g006910.2.1 | 2.681603 | 1.278018 | 0.000493 | 0.003479 | 75 | 421 | 372 | 34 | 34 | 7 |
| Solyc03g013160.2.1 | 2.683617 | 2.118851 | 0.000729 | 0.004867 | 121 | 513 | 850 | 10 | 79 | 45 |
| Solyc03g034170.2.1 | 2.684061 | 3.87884 | 0.00036 | 0.002675 | 2497 | 970 | 822 | 295 | 61 | 63 |
| Solyc02g070040.1.1 | 2.686847 | 2.420128 | 0.000392 | 0.002876 | 150 | 1617 | 422 | 19 | 131 | 30 |
| Solyc01g057830.2.1 | 2.68686 | 6.038172 | 1.35E-06 | 2.15E-05 | 6321 | 8431 | 7107 | 1175 | 464 | 288 |
| Solyc08g016720.1.1 | 2.688952 | 3.483874 | 0.000786 | 0.005187 | 84 | 2346 | 1846 | 52 | 246 | 71 |
| Solyc06g050170.2.1 | 2.689993 | 4.140109 | 7.04E-09 | 2.02E-07 | 2198 | 1954 | 1472 | 146 | 268 | 130 |
| Solyc06g073940.2.1 | 2.690306 | 2.292162 | 1.88E-05 | 0.000212 | 175 | 1209 | 511 | 36 | 79 | 36 |
| Solyc01g111990.2.1 | 2.690692 | 4.782176 | 2.03E-11 | 9.98E-10 | 2331 | 4175 | 2951 | 260 | 415 | 179 |
| Solyc07g056330.2.1 | 2.691406 | 1.397531 | 0.00033 | 0.002498 | 65 | 566 | 357 | 17 | 50 | 16 |
| Solyc10g039270.1.1 | 2.692977 | 2.12658 | 3.90E-06 | 5.39E-05 | 286 | 654 | 564 | 54 | 45 | 29 |
| Solyc03g119590.1.1 | 2.693184 | 2.410875 | 0.000143 | 0.001227 | 236 | 1292 | 512 | 16 | 54 | 77 |
| Solyc06g083220.2.1 | 2.69375 | 2.709007 | 4.41E-07 | 8.00E-06 | 359 | 1215 | 788 | 56 | 85 | 54 |
| Solyc05g009570.2.1 | 2.694388 | 2.536643 | 1.71E-06 | 2.64E-05 | 570 | 678 | 642 | 77 | 54 | 38 |
| Solyc04g071420.2.1 | 2.695717 | 3.447078 | 3.41E-08 | 8.20E-07 | 701 | 1843 | 1317 | 67 | 161 | 101 |
| Solyc08g076970.2.1 | 2.696597 | 11.22356 | 4.01E-07 | 7.38E-06 | 107693 | 400204 | 352019 | 31085 | 26036 | 14413 |
| Solyc03g083770.1.1 | 2.701589 | 4.947916 | 2.55E-06 | 3.71E-05 | 3756 | 3456 | 2690 | 360 | 594 | 66 |
| Solyc03g114640.2.1 | 2.701611 | 2.822761 | 8.19E-06 | 0.000103 | 792 | 1039 | 533 | 109 | 85 | 22 |
| Solyc11g013270.1.1 | 2.702407 | 0.299688 | 0.000872 | 0.005659 | 100 | 165 | 136 | 7 | 8 | 17 |
| Solyc04g071470.2.1 | 2.702461 | 2.567855 | 1.90E-05 | 0.000214 | 598 | 867 | 527 | 100 | 31 | 35 |
| Solyc08g078300.2.1 | 2.703886 | 2.080868 | 0.000106 | 0.000953 | 114 | 878 | 593 | 21 | 79 | 32 |
| Solyc07g062260.2.1 | 2.70499 | 2.032456 | 0.000396 | 0.002903 | 123 | 664 | 675 | 10 | 62 | 48 |
| Solyc05g007780.2.1 | 2.706342 | 2.724882 | 0.00083 | 0.005424 | 1234 | 390 | 257 | 120 | 41 | 28 |
| Solyc01g107670.2.1 | 2.707234 | 4.69368 | 0.000463 | 0.003312 | 403 | 5553 | 3967 | 42 | 502 | 263 |
| Solyc04g007410.2.1 | 2.710627 | 3.034551 | 6.44E-08 | 1.45E-06 | 811 | 1009 | 877 | 83 | 109 | 54 |
| Solyc09g065840.2.1 | 2.710653 | 3.819274 | 5.38E-08 | 1.23E-06 | 1829 | 1434 | 1181 | 164 | 174 | 85 |
| Solyc02g090020.2.1 | 2.71228 | 2.897872 | 7.13E-05 | 0.000679 | 1079 | 707 | 508 | 123 | 33 | 49 |
| Solyc01g111110.2.1 | 2.715101 | 0.667523 | 0.000725 | 0.004843 | 62 | 271 | 226 | 6 | 19 | 19 |
| Solyc01g088600.2.1 | 2.717326 | 2.126546 | 2.75E-06 | 3.96E-05 | 251 | 735 | 559 | 40 | 65 | 27 |
| Solyc10g085390.1.1 | 2.717884 | 2.359457 | 1.07E-05 | 0.000129 | 330 | 863 | 616 | 21 | 64 | 61 |
| Solyc11g066410.1.1 | 2.717983 | 4.771427 | 7.11E-08 | 1.58E-06 | 2345 | 3383 | 3395 | 443 | 214 | 132 |
| Solyc08g081160.2.1 | 2.719837 | 3.063642 | 7.86E-06 | 9.91E-05 | 222 | 1598 | 1284 | 63 | 128 | 62 |
| Solyc07g052390.2.1 | 2.720243 | 4.121365 | 8.71E-10 | 3.00E-08 | 1193 | 2581 | 2261 | 117 | 238 | 159 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|--------|--------|--------|-------|-------|------|
| Solyc02g081060.2.1 | 2.720736 | 2.306208 | 2.94E-05 | 0.000314 | 693 | 301 | 470 | 49 | 68 | 31 |
| Solyc04g082310.2.1 | 2.733503 | 4.36678 | 2.64E-08 | 6.58E-07 | 930 | 3756 | 2847 | 122 | 273 | 204 |
| Solyc11g044530.1.1 | 2.733837 | 2.43492 | 9.91E-05 | 0.000898 | 594 | 533 | 589 | 101 | 39 | 15 |
| Solyc07g063190.2.1 | 2.735341 | 6.706458 | 1.41E-08 | 3.80E-07 | 10444 | 13785 | 10707 | 1372 | 934 | 679 |
| Solyc06g051860.1.1 | 2.73788 | 2.679654 | 0.00143 | 0.008599 | 44 | 1277 | 1106 | 30 | 145 | 33 |
| Solyc11g010600.1.1 | 2.739341 | 6.721193 | 8.69E-09 | 2.44E-07 | 6620 | 18433 | 12834 | 1254 | 1366 | 543 |
| Solyc02g087400.1.1 | 2.739346 | 4.258805 | 2.64E-10 | 1.03E-08 | 2038 | 2493 | 1821 | 204 | 240 | 121 |
| Solyc01g099980.2.1 | 2.73979 | 3.236118 | 6.53E-06 | 8.47E-05 | 280 | 2186 | 1172 | 124 | 112 | 43 |
| Solyc06g007160.2.1 | 2.740297 | 0.346529 | 0.000448 | 0.003224 | 114 | 162 | 135 | 18 | 8 | 8 |
| Solyc06g082910.2.1 | 2.740417 | 3.836633 | 1.20E-05 | 0.000142 | 497 | 2463 | 2240 | 42 | 285 | 118 |
| Solyc11g072510.1.1 | 2.741216 | 2.451407 | 1.32E-06 | 2.11E-05 | 386 | 780 | 708 | 61 | 44 | 46 |
| Solyc09g076030.2.1 | 2.742408 | 2.249243 | 1.54E-05 | 0.000178 | 336 | 709 | 595 | 22 | 107 | 24 |
| Solyc08g016080.2.1 | 2.743148 | 5.101693 | 6.85E-05 | 0.000654 | 6212 | 2935 | 1092 | 553 | 298 | 141 |
| Solyc01g088610.2.1 | 2.743535 | 4.474704 | 8.95E-08 | 1.94E-06 | 925 | 3887 | 3274 | 117 | 304 | 223 |
| Solyc05g013510.2.1 | 2.744241 | 3.989263 | 3.42E-09 | 1.04E-07 | 1951 | 2091 | 1173 | 164 | 193 | 107 |
| Solyc02g071720.2.1 | 2.744253 | 0.049544 | 0.001714 | 0.009993 | 41 | 164 | 150 | 3 | 16 | 10 |
| Solyc12g010230.1.1 | 2.746448 | 0.284345 | 0.000615 | 0.004203 | 78 | 184 | 149 | 17 | 15 | 3 |
| Solyc01g057260.2.1 | 2.746716 | 2.68874 | 4.17E-07 | 7.62E-06 | 658 | 873 | 619 | 46 | 114 | 38 |
| Solyc11g044940.1.1 | 2.746924 | 1.84433 | 6.29E-06 | 2.00E-05 | 185 | 607 | 484 | 32 | 44 | 27 |
| Solyc01g104950.2.1 | 2.748743 | 7.615717 | 3.86E-05 | 0.000399 | 33791 | 14378 | 9951 | 3028 | 1580 | 974 |
| Solyc10g085600.1.1 | 2.751176 | 2.455584 | 1.31E-06 | 2.10E-05 | 311 | 909 | 726 | 35 | 89 | 40 |
| Solyc02g090900.2.1 | 2.751314 | 2.187943 | 4.29E-05 | 0.000438 | 254 | 699 | 642 | 15 | 100 | 29 |
| Solyc09g007110.2.1 | 2.7532 | 2.98407 | 5.98E-06 | 7.85E-05 | 321 | 1446 | 1126 | 32 | 114 | 82 |
| Solyc02g081980.2.1 | 2.755961 | 2.136886 | 0.001021 | 0.006453 | 589 | 244 | 469 | 88 | 13 | 17 |
| Solyc10g080390.1.1 | 2.759353 | 3.056171 | 6.31E-07 | 1.10E-05 | 825 | 1112 | 843 | 123 | 66 | 44 |
| Solyc06g005710.2.1 | 2.763764 | 4.519969 | 0.000117 | 0.001035 | 4183 | 1253 | 1149 | 391 | 144 | 102 |
| Solyc10g054110.1.1 | 2.764599 | 4.41084 | 1.62E-06 | 2.51E-05 | 671 | 6485 | 1647 | 264 | 246 | 109 |
| Solyc06g068950.2.1 | 2.765698 | 1.288491 | 1.78E-05 | 0.000203 | 183 | 364 | 286 | 27 | 25 | 16 |
| Solyc08g007240.2.1 | 2.765781 | 6.432898 | 4.24E-06 | 5.80E-05 | 11957 | 8606 | 6598 | 1393 | 488 | 481 |
| Solyc08g029090.2.1 | 2.765994 | 1.367527 | 5.85E-05 | 0.000572 | 116 | 635 | 238 | 16 | 40 | 19 |
| Solyc03g117850.2.1 | 2.766108 | 4.371509 | 0.000172 | 0.001431 | 3834 | 1511 | 720 | 360 | 158 | 69 |
| Solyc02g092810.2.1 | 2.770092 | 2.358866 | 1.13E-05 | 0.000135 | 388 | 615 | 709 | 27 | 43 | 65 |
| Solyc08g067840.2.1 | 2.774192 | 3.065438 | 3.71E-07 | 6.89E-06 | 734 | 901 | 1110 | 105 | 65 | 59 |
| Solyc06g075090.2.1 | 2.774595 | 1.671592 | 0.000125 | 0.001091 | 376 | 623 | 115 | 22 | 62 | 14 |
| Solyc02g037530.2.1 | 2.774636 | 3.417971 | 2.78E-08 | 6.86E-07 | 589 | 2112 | 1241 | 71 | 173 | 74 |
| Solyc03g097380.2.1 | 2.77514 | 2.339612 | 1.99E-06 | 3.02E-05 | 332 | 1113 | 440 | 32 | 58 | 50 |
| Solyc02g080530.2.1 | 2.775309 | 6.880355 | 9.05E-09 | 2.54E-07 | 9534 | 22215 | 10756 | 1541 | 1236 | 603 |
| Solyc03g118740.2.1 | 2.775914 | 1.595465 | 2.43E-05 | 0.000264 | 185 | 483 | 389 | 13 | 50 | 25 |
| Solyc01g094690.2.1 | 2.777671 | 2.882148 | 1.68E-06 | 2.59E-05 | 418 | 854 | 1220 | 54 | 66 | 78 |
| Solyc06g071290.2.1 | 2.782645 | 3.625126 | 3.39E-05 | 0.000358 | 1869 | 1060 | 843 | 213 | 57 | 61 |
| Solyc07g007260.2.1 | 2.784254 | 0.177786 | 0.001595 | 0.009402 | 151 | 50 | 120 | 10 | 11 | 9 |
| Solyc08g066450.1.1 | 2.785221 | 0.414296 | 0.000395 | 0.002898 | 132 | 122 | 160 | 6 | 25 | 8 |
| Solyc03g053110.2.1 | 2.787959 | 5.582862 | 6.84E-10 | 2.41E-08 | 4753 | 5815 | 5351 | 595 | 466 | 284 |
| Solyc08g082890.2.1 | 2.789327 | 3.200734 | 2.88E-05 | 0.000309 | 197 | 1370 | 1736 | 61 | 96 | 93 |
| Solyc10g008270.2.1 | 2.790493 | 3.737612 | 1.15E-06 | 1.87E-05 | 1978 | 1581 | 692 | 156 | 185 | 53 |
| Solyc01g080580.2.1 | 2.790731 | 1.986053 | 6.79E-06 | 8.75E-05 | 493 | 540 | 267 | 39 | 56 | 20 |
| Solyc12g014040.1.1 | 2.792546 | 0.44703 | 0.001284 | 0.007835 | 70 | 176 | 210 | 14 | 14 | 15 |
| Solyc04g009180.1.1 | 2.792834 | 3.172425 | 2.17E-05 | 0.000239 | 408 | 1552 | 1305 | 21 | 185 | 69 |
| Solyc03g033410.2.1 | 2.793918 | 3.027193 | 4.55E-05 | 0.000459 | 186 | 1508 | 1338 | 32 | 146 | 64 |
| Solyc09g009040.2.1 | 2.794273 | 4.848963 | 3.22E-08 | 7.82E-07 | 1010 | 5267 | 4379 | 243 | 444 | 166 |
| Solyc07g039190.2.1 | 2.795966 | 2.940262 | 1.56E-07 | 3.14E-06 | 517 | 1246 | 947 | 96 | 88 | 35 |
| Solyc09g061930.2.1 | 2.796952 | 1.560649 | 1.01E-05 | 0.000123 | 168 | 462 | 402 | 26 | 30 | 24 |
| Solyc08g062960.2.1 | 2.798364 | 2.817996 | 1.27E-05 | 0.00015 | 993 | 782 | 460 | 97 | 87 | 21 |
| Solyc10g080940.1.1 | 2.798506 | 4.789169 | 1.15E-11 | 5.90E-10 | 1943 | 4241 | 3514 | 263 | 368 | 167 |
| Solyc04g072030.1.1 | 2.800695 | 3.251021 | 4.24E-06 | 5.80E-05 | 313 | 1587 | 1559 | 45 | 128 | 93 |
| Solyc12g008420.1.1 | 2.801847 | 2.285641 | 5.38E-07 | 9.58E-06 | 328 | 850 | 559 | 36 | 61 | 39 |
| Solyc06g084320.1.1 | 2.801999 | 1.911623 | 0.000114 | 0.00101 | 355 | 752 | 240 | 66 | 19 | 15 |
| Solyc02g085750.2.1 | 2.802606 | 2.325 | 0.000927 | 0.005964 | 629 | 509 | 448 | 4 | 134 | 25 |
| Solyc11g010810.1.1 | 2.805537 | 4.97278 | 2.16E-11 | 1.06E-09 | 1936 | 5029 | 4199 | 260 | 426 | 214 |
| Solyc01g103360.2.1 | 2.807861 | 0.312856 | 0.001569 | 0.009285 | 169 | 90 | 108 | 5 | 29 | 4 |
| Solyc05g009680.1.1 | 2.808591 | 3.675914 | 1.10E-06 | 1.79E-05 | 565 | 2245 | 1849 | 46 | 163 | 141 |
| Solyc11g012360.1.1 | 2.813311 | 5.301521 | 3.61E-05 | 0.000377 | 5752 | 5868 | 1456 | 683 | 338 | 89 |
| Solyc04g079340.2.1 | 2.813653 | 2.214139 | 2.73E-06 | 3.94E-05 | 492 | 485 | 517 | 29 | 51 | 45 |
| Solyc02g086740.1.1 | 2.815061 | 4.186279 | 4.33E-05 | 0.000441 | 2665 | 1358 | 1513 | 339 | 85 | 62 |
| Solyc03g114850.2.1 | 2.815803 | 2.81242 | 1.86E-05 | 0.00021 | 229 | 1555 | 906 | 24 | 107 | 67 |
| Solyc08g076880.2.1 | 2.816245 | 5.008763 | 1.51E-06 | 2.37E-05 | 1335 | 9581 | 2302 | 125 | 613 | 228 |
| Solyc05g012680.2.1 | 2.816868 | 1.131617 | 0.001223 | 0.007518 | 42 | 402 | 360 | 5 | 35 | 21 |
| Solyc04g015490.2.1 | 2.819421 | 4.730077 | 4.10E-05 | 0.00042 | 3046 | 3360 | 2376 | 536 | 126 | 54 |
| Solyc08g006260.1.1 | 2.819482 | 0.492392 | 0.000251 | 0.001977 | 62 | 265 | 178 | 11 | 23 | 6 |
| Solyc12g044410.1.1 | 2.819711 | 2.886473 | 1.18E-07 | 2.47E-06 | 400 | 1384 | 921 | 63 | 111 | 40 |
| Solyc04g007790.2.1 | 2.819868 | 7.862704 | 2.68E-09 | 8.28E-08 | 16958 | 34697 | 29730 | 2433 | 2959 | 1256 |
| Solyc12g044840.1.1 | 2.821854 | -0.28575 | 0.001223 | 0.007517 | 38 | 162 | 90 | 5 | 15 | 3 |
| Solyc11g072610.1.1 | 2.825995 | 0.665528 | 8.26E-05 | 0.000768 | 139 | 234 | 159 | 11 | 15 | 15 |
| Solyc03g080010.2.1 | 2.826475 | 3.639481 | 2.46E-10 | 9.61E-09 | 930 | 1995 | 1463 | 107 | 143 | 93 |
| Solyc02g092590.2.1 | 2.832453 | 3.282365 | 1.39E-07 | 2.86E-06 | 1168 | 1109 | 880 | 116 | 118 | 41 |
| Solyc09g060100.2.1 | 2.835165 | 1.913986 | 3.59E-05 | 0.000375 | 258 | 654 | 428 | 62 | 27 | 12 |
| Solyc08g082170.2.1 | 2.835675 | 4.691817 | 6.82E-12 | 3.65E-10 | 1886 | 3928 | 3245 | 254 | 274 | 178 |
| Solyc03g119060.2.1 | 2.835835 | 5.867745 | 1.21E-10 | 4.97E-09 | 3698 | 11308 | 6503 | 463 | 789 | 395 |
| Solyc07g064600.2.1 | 2.838315 | 10.82231 | 3.17E-05 | 0.000337 | 113461 | 171044 | 318095 | 32261 | 11580 | 5110 |
| Solyc06g074070.2.1 | 2.839505 | 1.371243 | 5.07E-05 | 0.000505 | 243 | 288 | 311 | 37 | 24 | 9 |
| Solyc10g075070.1.1 | 2.843007 | 7.748946 | 0.000636 | 0.004336 | 1910 | 56377 | 29192 | 510 | 4544 | 1466 |
| Solyc07g064830.2.1 | 2.844287 | 2.515273 | 2.09E-05 | 0.000232 | 184 | 1184 | 794 | 23 | 106 | 38 |
| Solyc11g011980.1.1 | 2.844548 | 2.981986 | 1.51E-06 | 2.37E-05 | 973 | 1054 | 587 | 58 | 154 | 27 |
| Solyc03g113210.2.1 | 2.84693 | 3.123474 | 3.00E-07 | 5.68E-06 | 624 | 895 | 1375 | 47 | 129 | 68 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|--------|---------|---------|--------|-------|-------|
| Solyc09g090510.2.1 | 2.848648 | 5.396807 | 8.38E-05 | 0.000778 | 6769 | 3452 | 2616 | 799 | 219 | 102 |
| Solyc01g104860.2.1 | 2.849061 | 1.33429 | 0.001042 | 0.006554 | 381 | 196 | 180 | 43 | 23 | 3 |
| Solyc06g054260.1.1 | 2.854727 | 8.15516 | 0.000362 | 0.002684 | 52268 | 17447 | 13574 | 5316 | 1384 | 805 |
| Solyc03g044470.2.1 | 2.855776 | 4.019003 | 1.46E-07 | 2.98E-06 | 899 | 2807 | 2172 | 53 | 281 | 130 |
| Solyc08g066940.2.1 | 2.856735 | 4.250299 | 6.72E-07 | 1.16E-05 | 557 | 3716 | 2901 | 92 | 228 | 188 |
| Solyc10g081490.1.1 | 2.860542 | 2.173251 | 0.000675 | 0.004554 | 679 | 381 | 318 | 83 | 34 | 5 |
| Solyc07g049310.2.1 | 2.861939 | 2.562673 | 2.17E-06 | 3.23E-05 | 501 | 810 | 703 | 86 | 52 | 21 |
| Solyc02g067310.2.1 | 2.864765 | 3.067178 | 1.26E-06 | 2.02E-05 | 359 | 1461 | 1240 | 40 | 90 | 88 |
| Solyc08g006540.2.1 | 2.867607 | 2.613882 | 9.02E-07 | 1.51E-05 | 552 | 811 | 706 | 69 | 34 | 50 |
| Solyc05g041430.2.1 | 2.868806 | 1.372768 | 0.000271 | 0.002113 | 400 | 173 | 194 | 35 | 27 | 8 |
| Solyc08g081940.2.1 | 2.869236 | 2.91698 | 4.32E-08 | 1.01E-06 | 753 | 983 | 798 | 80 | 62 | 54 |
| Solyc11g066510.1.1 | 2.87019 | 2.198455 | 1.26E-05 | 0.000149 | 258 | 872 | 551 | 14 | 84 | 33 |
| Solyc05g015310.2.1 | 2.870249 | 2.563891 | 2.88E-07 | 5.48E-06 | 299 | 1069 | 790 | 45 | 71 | 43 |
| Solyc01g008920.2.1 | 2.871785 | 2.408645 | 1.80E-05 | 0.000205 | 839 | 433 | 339 | 63 | 45 | 31 |
| Solyc03g020080.2.1 | 2.872835 | 5.754202 | 8.47E-05 | 0.000785 | 6147 | 5481 | 5845 | 1082 | 201 | 113 |
| Solyc11g071620.1.1 | 2.875385 | 4.453166 | 6.41E-10 | 2.27E-08 | 2037 | 2747 | 2598 | 276 | 174 | 124 |
| Solyc04g009720.1.1 | 2.875518 | 0.558095 | 9.58E-05 | 0.000871 | 95 | 298 | 138 | 10 | 14 | 13 |
| Solyc09g075960.1.1 | 2.876203 | 0.343797 | 0.000183 | 0.001508 | 93 | 126 | 188 | 10 | 15 | 8 |
| Solyc03g118410.2.1 | 2.879522 | 3.535695 | 8.34E-08 | 1.82E-06 | 1375 | 1218 | 1153 | 153 | 102 | 53 |
| Solyc02g080540.1.1 | 2.880225 | 6.008175 | 0.001552 | 0.009209 | 10290 | 4992 | 4300 | 1425 | 159 | 66 |
| Solyc02g089550.2.1 | 2.882517 | 2.374253 | 4.34E-07 | 7.91E-06 | 469 | 595 | 656 | 38 | 77 | 29 |
| Solyc02g083130.2.1 | 2.882518 | 1.730722 | 1.33E-05 | 0.000157 | 213 | 516 | 435 | 46 | 28 | 13 |
| Solyc09g007150.2.1 | 2.885229 | 4.443701 | 1.12E-09 | 3.74E-08 | 978 | 4260 | 2907 | 226 | 229 | 127 |
| Solyc06g006110.2.1 | 2.88683 | 4.978688 | 4.38E-11 | 2.00E-09 | 2701 | 3276 | 4475 | 284 | 331 | 220 |
| Solyc04g050920.2.1 | 2.888666 | 3.518634 | 1.07E-07 | 2.28E-06 | 422 | 2265 | 1626 | 89 | 172 | 60 |
| Solyc06g082810.2.1 | 2.888936 | 2.154364 | 1.90E-05 | 0.000214 | 159 | 988 | 557 | 18 | 57 | 42 |
| Solyc01g095670.2.1 | 2.889901 | 4.111153 | 1.14E-08 | 3.12E-07 | 2119 | 1915 | 1580 | 221 | 164 | 76 |
| Solyc06g054270.2.1 | 2.890826 | 4.335365 | 7.87E-08 | 1.72E-06 | 1902 | 4332 | 1224 | 286 | 183 | 71 |
| Solyc07g008540.2.1 | 2.891779 | 4.046092 | 8.38E-10 | 2.90E-08 | 1323 | 2569 | 1910 | 74 | 238 | 137 |
| Solyc07g047850.2.1 | 2.895564 | 6.416049 | 0.000457 | 0.003275 | 16054 | 6526 | 2828 | 1596 | 345 | 234 |
| Solyc12g087940.1.1 | 2.899319 | 1.601691 | 0.001056 | 0.006626 | 485 | 159 | 240 | 52 | 24 | 4 |
| Solyc09g007360.2.1 | 2.901303 | 2.351839 | 2.75E-05 | 0.000296 | 392 | 719 | 648 | 10 | 61 | 59 |
| Solyc02g065280.2.1 | 2.904174 | 4.388061 | 2.50E-05 | 0.000271 | 276 | 4638 | 3287 | 89 | 296 | 178 |
| Solyc05g007470.2.1 | 2.904267 | 5.399479 | 1.35E-05 | 0.000159 | 1168 | 10248 | 5316 | 91 | 802 | 313 |
| Solyc03g121300.2.1 | 2.905349 | 4.011196 | 6.79E-09 | 1.96E-07 | 1394 | 2181 | 1951 | 213 | 160 | 58 |
| Solyc04g081760.2.1 | 2.906144 | 1.308124 | 1.41E-05 | 0.000164 | 256 | 356 | 220 | 16 | 21 | 24 |
| Solyc04g080580.2.1 | 2.909966 | 6.460282 | 0.000639 | 0.004353 | 19321 | 2863 | 1980 | 1185 | 700 | 402 |
| Solyc04g076260.1.1 | 2.910937 | 1.034122 | 0.001469 | 0.008788 | 79 | 373 | 293 | 1 | 33 | 20 |
| Solyc06g050350.2.1 | 2.912127 | 1.614219 | 2.27E-05 | 0.00025 | 242 | 407 | 390 | 9 | 40 | 30 |
| Solyc06g005970.2.1 | 2.913469 | 3.393594 | 1.89E-07 | 3.77E-06 | 365 | 2059 | 1534 | 65 | 133 | 80 |
| Solyc11g040340.1.1 | 2.91377 | 1.075188 | 0.001211 | 0.007456 | 34 | 227 | 461 | 8 | 27 | 19 |
| Solyc09g091510.2.1 | 2.916369 | 2.147314 | 2.58E-06 | 3.75E-05 | 292 | 999 | 382 | 56 | 38 | 20 |
| Solyc05g056300.2.1 | 2.91712 | 5.316634 | 0.000249 | 0.001965 | 7559 | 2743 | 1445 | 697 | 268 | 75 |
| Solyc11g070000.1.1 | 2.918447 | 0.703208 | 4.05E-05 | 0.000417 | 119 | 286 | 167 | 11 | 15 | 14 |
| Solyc01g091050.2.1 | 2.919924 | 3.64011 | 8.61E-05 | 0.000796 | 2177 | 924 | 634 | 206 | 89 | 29 |
| Solyc08g079550.1.1 | 2.921764 | 1.902387 | 0.000161 | 0.001351 | 193 | 519 | 593 | 59 | 10 | 20 |
| Solyc04g007210.2.1 | 2.927168 | 3.509214 | 1.92E-09 | 6.12E-08 | 1297 | 1477 | 1033 | 90 | 162 | 58 |
| Solyc01g087060.2.1 | 2.936492 | 0.292686 | 0.000815 | 0.005341 | 200 | 84 | 72 | 8 | 18 | 6 |
| Solyc04g006970.2.1 | 2.93808 | 3.93325 | 3.29E-08 | 7.98E-07 | 696 | 4018 | 1390 | 164 | 180 | 63 |
| Solyc03g111050.2.1 | 2.940547 | 3.227466 | 1.22E-06 | 1.96E-05 | 315 | 1961 | 1304 | 39 | 128 | 78 |
| Solyc04g072550.1.1 | 2.94208 | -0.76789 | 0.001614 | 0.009495 | 22 | 91 | 84 | 4 | 7 | 3 |
| Solyc10g080840.1.1 | 2.943725 | 3.038035 | 1.42E-07 | 2.92E-06 | 800 | 1272 | 779 | 109 | 54 | 41 |
| Solyc10g055240.1.1 | 2.944654 | 2.837403 | 1.06E-06 | 1.74E-05 | 652 | 1364 | 566 | 98 | 35 | 40 |
| Solyc05g006050.2.1 | 2.945106 | 4.5561 | 7.85E-08 | 1.72E-06 | 921 | 4675 | 3304 | 88 | 309 | 212 |
| Solyc03g115980.1.1 | 2.948304 | 5.063232 | 0.001292 | 0.007877 | 6426 | 2187 | 1204 | 683 | 92 | 47 |
| Solyc10g008510.1.1 | 2.952902 | 1.57165 | 5.92E-05 | 0.000578 | 482 | 227 | 184 | 23 | 27 | 23 |
| Solyc02g066930.2.1 | 2.954042 | 2.857944 | 1.13E-08 | 3.08E-07 | 477 | 1267 | 879 | 50 | 80 | 54 |
| Solyc05g005540.2.1 | 2.956117 | 2.585954 | 3.07E-05 | 0.000327 | 235 | 570 | 1229 | 68 | 30 | 44 |
| Solyc08g079840.1.1 | 2.957013 | 3.106994 | 6.93E-08 | 1.55E-06 | 861 | 1208 | 874 | 104 | 52 | 53 |
| Solyc04g008500.2.1 | 2.959294 | 3.486292 | 7.26E-10 | 2.55E-08 | 729 | 2155 | 1256 | 72 | 160 | 66 |
| Solyc06g006040.1.1 | 2.959487 | 3.571338 | 3.62E-10 | 1.35E-08 | 1280 | 1917 | 940 | 81 | 135 | 87 |
| Solyc01g090680.2.1 | 2.961894 | 5.531499 | 8.05E-09 | 2.29E-07 | 6510 | 5356 | 3153 | 519 | 465 | 209 |
| Solyc02g065220.2.1 | 2.971391 | 4.588887 | 2.80E-11 | 1.33E-09 | 1474 | 4564 | 2877 | 133 | 323 | 170 |
| Solyc12g009540.1.1 | 2.97684 | 1.331561 | 0.000196 | 0.001603 | 81 | 278 | 504 | 28 | 30 | 7 |
| Solyc06g061230.2.1 | 2.97951 | 4.804745 | 5.51E-06 | 7.31E-05 | 465 | 3661 | 5939 | 175 | 343 | 197 |
| Solyc07g018070.2.1 | 2.980253 | 2.935233 | 0.000279 | 0.002162 | 143 | 1311 | 1395 | 16 | 55 | 102 |
| Solyc02g077270.2.1 | 2.98087 | 3.258492 | 1.90E-08 | 4.92E-07 | 514 | 1950 | 1139 | 48 | 133 | 67 |
| Solyc08g079680.2.1 | 2.98144 | 2.089651 | 5.99E-07 | 1.05E-05 | 412 | 510 | 499 | 42 | 49 | 18 |
| Solyc03g096890.1.1 | 2.983739 | 0.071402 | 0.000513 | 0.003598 | 98 | 61 | 158 | 9 | 10 | 6 |
| Solyc06g054320.1.1 | 2.985299 | 0.449925 | 6.61E-05 | 0.000635 | 76 | 248 | 164 | 11 | 14 | 8 |
| Solyc05g054680.1.1 | 2.986923 | 1.796302 | 1.98E-06 | 3.01E-05 | 311 | 529 | 364 | 16 | 57 | 19 |
| Solyc09g082580.2.1 | 2.987214 | 3.007004 | 6.11E-09 | 1.77E-07 | 622 | 1282 | 946 | 48 | 82 | 67 |
| Solyc07g020790.2.1 | 2.987272 | 1.840066 | 4.19E-06 | 5.75E-05 | 184 | 630 | 490 | 35 | 46 | 12 |
| Solyc03g013290.1.1 | 2.991447 | -0.20102 | 0.000543 | 0.003779 | 105 | 107 | 63 | 5 | 14 | 3 |
| Solyc08g008270.2.1 | 2.991736 | 1.766035 | 2.69E-05 | 0.00029 | 113 | 593 | 545 | 24 | 55 | 12 |
| Solyc04g007110.2.1 | 2.992035 | 2.304393 | 6.49E-07 | 1.13E-05 | 478 | 652 | 544 | 60 | 39 | 22 |
| Solyc07g063860.2.1 | 2.996582 | 2.855827 | 5.33E-07 | 9.49E-06 | 340 | 1317 | 1022 | 30 | 121 | 42 |
| Solyc06g060830.2.1 | 2.996783 | 2.051342 | 5.86E-06 | 7.72E-05 | 135 | 930 | 538 | 26 | 43 | 32 |
| Solyc12g010020.1.1 | 3.002132 | 13.41832 | 5.18E-06 | 6.92E-05 | 463445 | 1381480 | 2023930 | 160790 | 77194 | 32680 |
| Solyc12g008430.1.1 | 3.005254 | -0.0666 | 0.000722 | 0.00483 | 28 | 213 | 115 | 9 | 8 | 5 |
| Solyc05g048830.2.1 | 3.00711 | 1.417575 | 3.80E-05 | 0.000394 | 125 | 636 | 271 | 8 | 41 | 19 |
| Solyc01g095430.2.1 | 3.008733 | 6.506504 | 0.000375 | 0.002767 | 18599 | 3678 | 3485 | 1469 | 400 | 294 |
| Solyc05g005920.2.1 | 3.008836 | 3.785933 | 6.62E-08 | 1.49E-06 | 414 | 2961 | 1967 | 93 | 136 | 106 |
| Solyc01g005100.2.1 | 3.009307 | 3.231234 | 1.24E-09 | 4.08E-08 | 687 | 1654 | 1062 | 75 | 78 | 71 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|--------|--------|-------|------|------|
| Solyc12g019450.1.1 | 3.012247 | -0.52262 | 0.001546 | 0.009182 | 87 | 91 | 40 | 3 | 5 | 7 |
| Solyc06g036310.2.1 | 3.012722 | 2.652048 | 3.26E-07 | 6.13E-06 | 375 | 1623 | 482 | 31 | 85 | 43 |
| Solyc12g010030.1.1 | 3.018401 | 9.913585 | 3.50E-06 | 4.90E-05 | 39056 | 108127 | 189514 | 13140 | 7274 | 3256 |
| Solyc01g088250.2.1 | 3.019729 | 2.603756 | 3.01E-06 | 4.29E-05 | 202 | 980 | 1042 | 29 | 87 | 39 |
| Solyc11g012640.1.1 | 3.020436 | 1.923425 | 1.57E-05 | 0.000181 | 111 | 636 | 646 | 24 | 36 | 30 |
| Solyc02g086180.2.1 | 3.023941 | 5.342485 | 0.000712 | 0.004772 | 4877 | 9392 | 869 | 791 | 87 | 66 |
| Solyc02g089700.2.1 | 3.026133 | 1.455384 | 1.24E-05 | 0.000147 | 243 | 433 | 280 | 9 | 49 | 14 |
| Solyc09g065780.2.1 | 3.027758 | 3.164366 | 0.000338 | 0.002544 | 1596 | 766 | 373 | 158 | 40 | 15 |
| Solyc04g014650.2.1 | 3.028949 | 1.182743 | 0.000153 | 0.001292 | 131 | 460 | 250 | 3 | 39 | 16 |
| Solyc04g071620.2.1 | 3.030715 | 6.945004 | 8.18E-06 | 0.000102 | 15521 | 23333 | 5117 | 1782 | 1059 | 238 |
| Solyc01g094370.2.1 | 3.032922 | 4.470106 | 2.69E-12 | 1.53E-10 | 1752 | 4054 | 2289 | 182 | 293 | 94 |
| Solyc01g111630.2.1 | 3.033942 | 7.234296 | 0.000676 | 0.004562 | 27749 | 10203 | 7039 | 2854 | 442 | 228 |
| Solyc06g075500.2.1 | 3.034445 | 2.994479 | 2.49E-07 | 4.85E-06 | 511 | 1387 | 1005 | 25 | 134 | 49 |
| Solyc12g006630.1.1 | 3.036292 | 1.861728 | 2.90E-05 | 0.00031 | 94 | 688 | 585 | 16 | 49 | 25 |
| Solyc10g055780.1.1 | 3.038149 | 1.239954 | 6.38E-05 | 0.000617 | 350 | 218 | 165 | 27 | 22 | 8 |
| Solyc05g006550.2.1 | 3.038497 | 3.882844 | 0.000724 | 0.004843 | 3320 | 450 | 284 | 198 | 104 | 52 |
| Solyc04g040220.2.1 | 3.041628 | 1.387876 | 0.000144 | 0.001228 | 64 | 484 | 429 | 15 | 46 | 8 |
| Solyc10g009190.1.1 | 3.043274 | 3.039615 | 1.30E-06 | 2.08E-05 | 298 | 2050 | 928 | 34 | 140 | 42 |
| Solyc09g007850.2.1 | 3.043432 | 7.437721 | 3.46E-08 | 8.29E-07 | 24611 | 15555 | 14822 | 1807 | 1436 | 912 |
| Solyc07g055740.1.1 | 3.04351 | 2.90542 | 6.40E-08 | 1.45E-06 | 963 | 1015 | 532 | 37 | 96 | 52 |
| Solyc10g006970.2.1 | 3.044042 | 4.96305 | 2.49E-05 | 0.00027 | 6082 | 1609 | 1362 | 407 | 183 | 140 |
| Solyc07g055050.2.1 | 3.045077 | 4.94136 | 1.04E-10 | 4.36E-09 | 3645 | 2605 | 3601 | 237 | 366 | 163 |
| Solyc08g015830.1.1 | 3.04552 | 0.053987 | 0.000349 | 0.002611 | 139 | 125 | 64 | 4 | 15 | 6 |
| Solyc12g044260.1.1 | 3.04562 | 1.85786 | 2.62E-06 | 3.81E-05 | 228 | 639 | 449 | 13 | 57 | 22 |
| Solyc02g077850.2.1 | 3.048336 | 3.867702 | 7.82E-11 | 3.37E-09 | 896 | 2598 | 1871 | 82 | 156 | 112 |
| Solyc08g081220.1.1 | 3.053704 | 1.166883 | 0.000288 | 0.002218 | 292 | 263 | 171 | 37 | 9 | 5 |
| Solyc03g071590.2.1 | 3.056247 | 3.042535 | 8.77E-05 | 0.000807 | 594 | 1344 | 1019 | 149 | 33 | 10 |
| Solyc01g014270.2.1 | 3.056771 | 2.132741 | 3.04E-05 | 0.000324 | 409 | 643 | 466 | 70 | 25 | 8 |
| Solyc03g031940.2.1 | 3.059965 | 2.842062 | 5.35E-05 | 0.00053 | 944 | 772 | 611 | 108 | 61 | 7 |
| Solyc04g078740.2.1 | 3.061129 | 2.195366 | 7.31E-07 | 1.25E-05 | 274 | 645 | 695 | 34 | 65 | 17 |
| Solyc03g121970.1.1 | 3.061501 | 3.756465 | 1.63E-11 | 8.19E-10 | 1303 | 1748 | 1569 | 98 | 165 | 71 |
| Solyc12g070120.1.1 | 3.061867 | 0.168598 | 0.00027 | 0.002103 | 49 | 223 | 138 | 4 | 11 | 10 |
| Solyc06g051940.2.1 | 3.062327 | 3.290734 | 1.44E-06 | 2.29E-05 | 242 | 1526 | 1834 | 83 | 113 | 45 |
| Solyc02g090260.1.1 | 3.063903 | 3.211226 | 3.60E-09 | 1.09E-07 | 1007 | 1346 | 833 | 68 | 67 | 75 |
| Solyc11g021360.1.1 | 3.064225 | 0.814608 | 0.001513 | 0.009016 | 224 | 134 | 184 | 1 | 41 | 6 |
| Solyc09g091100.2.1 | 3.065249 | 3.473723 | 6.85E-10 | 2.41E-08 | 1359 | 1458 | 917 | 98 | 101 | 64 |
| Solyc05g050090.2.1 | 3.065941 | 2.800252 | 4.46E-07 | 8.09E-06 | 421 | 880 | 1124 | 25 | 78 | 61 |
| Solyc04g051470.1.1 | 3.070105 | 0.281814 | 0.000578 | 0.003984 | 24 | 252 | 180 | 8 | 16 | 5 |
| Solyc01g109790.2.1 | 3.070282 | 4.215485 | 5.83E-11 | 2.58E-09 | 920 | 4168 | 2120 | 152 | 195 | 101 |
| Solyc06g061090.2.1 | 3.070526 | 1.020024 | 2.92E-05 | 0.000312 | 131 | 310 | 271 | 6 | 29 | 14 |
| Solyc07g065500.1.1 | 3.072849 | 4.169132 | 0.000354 | 0.002635 | 3535 | 919 | 764 | 295 | 39 | 64 |
| Solyc09g072690.1.1 | 3.073354 | 3.149136 | 1.88E-06 | 2.88E-05 | 583 | 874 | 1537 | 24 | 92 | 88 |
| Solyc02g078950.2.1 | 3.075063 | 2.162057 | 3.38E-06 | 4.75E-05 | 156 | 718 | 761 | 40 | 36 | 27 |
| Solyc05g053550.2.1 | 3.076086 | 2.79181 | 1.81E-05 | 0.000205 | 327 | 1778 | 657 | 75 | 95 | 8 |
| Solyc01g090790.2.1 | 3.077745 | 5.099919 | 8.80E-12 | 4.61E-10 | 3831 | 5104 | 2944 | 254 | 480 | 136 |
| Solyc01g009570.2.1 | 3.077915 | 1.887155 | 6.55E-07 | 1.14E-05 | 251 | 452 | 566 | 30 | 34 | 22 |
| Solyc03g025430.1.1 | 3.078878 | 0.0116 | 0.000412 | 0.002999 | 105 | 195 | 51 | 12 | 6 | 4 |
| Solyc06g083580.2.1 | 3.079816 | 1.796829 | 0.000748 | 0.004972 | 356 | 444 | 370 | 65 | 12 | 2 |
| Solyc01g094700.2.1 | 3.080682 | 3.008114 | 5.23E-05 | 0.000519 | 977 | 1185 | 589 | 139 | 32 | 13 |
| Solyc11g069190.1.1 | 3.080815 | 3.923996 | 1.39E-09 | 4.55E-08 | 744 | 2348 | 2415 | 92 | 134 | 122 |
| Solyc06g074110.2.1 | 3.082118 | 3.089048 | 1.49E-07 | 3.03E-06 | 284 | 1771 | 1222 | 60 | 105 | 43 |
| Solyc01g094720.2.1 | 3.085717 | 2.808449 | 9.09E-09 | 2.55E-07 | 521 | 1257 | 775 | 64 | 48 | 46 |
| Solyc03g116160.1.1 | 3.08894 | 2.174997 | 4.51E-07 | 8.16E-06 | 535 | 669 | 338 | 23 | 43 | 37 |
| Solyc10g077040.1.1 | 3.089954 | 5.892483 | 4.21E-08 | 9.90E-07 | 8252 | 6166 | 4825 | 737 | 379 | 250 |
| Solyc10g009080.2.1 | 3.090113 | 2.652586 | 1.11E-06 | 1.81E-05 | 638 | 648 | 790 | 59 | 24 | 51 |
| Solyc10g055390.1.1 | 3.092948 | 1.372196 | 0.001381 | 0.008348 | 130 | 451 | 362 | 0 | 37 | 24 |
| Solyc05g007130.2.1 | 3.094808 | 1.900996 | 6.71E-06 | 8.66E-05 | 110 | 771 | 549 | 32 | 36 | 19 |
| Solyc04g014730.2.1 | 3.096961 | 4.019049 | 2.77E-05 | 0.000298 | 303 | 2566 | 3161 | 47 | 321 | 65 |
| Solyc05g007790.2.1 | 3.098528 | -0.25841 | 0.001261 | 0.007709 | 131 | 80 | 40 | 5 | 13 | 2 |
| Solyc03g120850.2.1 | 3.099545 | 5.684385 | 4.04E-10 | 1.50E-08 | 2549 | 8763 | 7699 | 263 | 500 | 417 |
| Solyc12g095810.1.1 | 3.103041 | -0.22413 | 0.00168 | 0.009818 | 24 | 186 | 108 | 1 | 14 | 5 |
| Solyc01g099750.2.1 | 3.104034 | 4.135565 | 2.55E-11 | 1.22E-09 | 1529 | 2694 | 1999 | 73 | 220 | 126 |
| Solyc12g014490.1.1 | 3.105176 | 2.276383 | 7.55E-05 | 0.00071 | 67 | 1175 | 700 | 28 | 36 | 42 |
| Solyc06g071500.2.1 | 3.107377 | 4.160305 | 3.43E-07 | 6.41E-06 | 382 | 4643 | 2277 | 101 | 247 | 92 |
| Solyc01g006400.2.1 | 3.108557 | 10.20386 | 3.54E-06 | 4.94E-05 | 29093 | 146785 | 248145 | 12871 | 8682 | 5503 |
| Solyc08g081770.2.1 | 3.109401 | 3.134789 | 9.27E-09 | 2.59E-07 | 1052 | 928 | 903 | 57 | 118 | 40 |
| Solyc01g109150.2.1 | 3.109643 | 1.488802 | 0.000175 | 0.001454 | 100 | 353 | 533 | 37 | 25 | 4 |
| Solyc07g041920.2.1 | 3.110167 | 6.860241 | 0.001557 | 0.009231 | 19039 | 3844 | 11142 | 2150 | 103 | 256 |
| Solyc01g105050.2.1 | 3.110227 | 4.167598 | 1.41E-08 | 3.80E-07 | 2383 | 1715 | 1694 | 213 | 147 | 60 |
| Solyc12g096780.1.1 | 3.112399 | 3.386552 | 4.85E-06 | 6.55E-05 | 494 | 1407 | 1826 | 51 | 211 | 20 |
| Solyc06g074190.2.1 | 3.113561 | 2.990602 | 5.68E-07 | 1.00E-05 | 245 | 1899 | 1015 | 40 | 114 | 41 |
| Solyc02g085250.2.1 | 3.113744 | 2.091834 | 1.48E-07 | 3.02E-06 | 252 | 812 | 518 | 27 | 41 | 29 |
| Solyc06g073910.2.1 | 3.11432 | 0.182469 | 0.000119 | 0.001049 | 51 | 215 | 146 | 7 | 14 | 5 |
| Solyc07g007250.2.1 | 3.114379 | 10.62975 | 1.90E-05 | 0.000214 | 65697 | 186770 | 307213 | 23473 | 4852 | 6196 |
| Solyc02g068600.2.1 | 3.115282 | 2.060425 | 2.25E-06 | 3.34E-05 | 211 | 775 | 564 | 14 | 64 | 24 |
| Solyc02g080310.2.1 | 3.11563 | 0.852345 | 0.000209 | 0.001691 | 55 | 233 | 344 | 9 | 12 | 17 |
| Solyc04g072850.2.1 | 3.116064 | 3.024584 | 7.63E-08 | 1.68E-06 | 310 | 1456 | 1278 | 68 | 84 | 39 |
| Solyc03g005030.2.1 | 3.119333 | 3.099299 | 4.14E-08 | 9.76E-07 | 617 | 1372 | 1090 | 28 | 90 | 76 |
| Solyc01g073760.2.1 | 3.120253 | 1.793218 | 4.98E-07 | 8.96E-06 | 199 | 681 | 413 | 24 | 42 | 19 |
| Solyc12g008980.1.1 | 3.12034 | 3.188511 | 4.54E-06 | 6.17E-05 | 928 | 998 | 1119 | 128 | 23 | 43 |
| Solyc01g073750.2.1 | 3.123067 | 5.800468 | 7.42E-12 | 3.95E-10 | 3566 | 11354 | 6198 | 319 | 569 | 394 |
| Solyc10g009170.1.1 | 3.12438 | 0.255063 | 0.000114 | 0.001012 | 134 | 188 | 81 | 9 | 16 | 3 |
| Solyc11g065220.1.1 | 3.12654 | -0.44108 | 0.001174 | 0.002769 | 58 | 126 | 68 | 2 | 15 | 1 |
| Solyc06g008740.2.1 | 3.12705 | 2.652085 | 8.27E-06 | 0.000103 | 314 | 1127 | 892 | 13 | 123 | 27 |

| | | | | | | | | | | |
|---------------------|----------|----------|----------|----------|-------|-------|-------|------|-----|-----|
| Solyc09g010600.1.1 | 3.129405 | -0.63077 | 0.000619 | 0.00423 | 42 | 71 | 94 | 5 | 7 | 2 |
| Solyc08g078760.1.1 | 3.129633 | 2.262865 | 0.000336 | 0.002537 | 36 | 1576 | 471 | 39 | 59 | 17 |
| Solyc02g092970.2.1 | 3.132235 | 1.301187 | 4.02E-05 | 0.000414 | 164 | 292 | 384 | 31 | 9 | 12 |
| Solyc08g076650.2.1 | 3.137619 | 5.57912 | 1.51E-06 | 2.37E-05 | 883 | 11060 | 7186 | 173 | 669 | 307 |
| Solyc03g112580.2.1 | 3.139716 | 2.426623 | 1.54E-07 | 3.12E-06 | 462 | 720 | 677 | 20 | 55 | 45 |
| Solyc04g078470.2.1 | 3.140212 | 1.534802 | 4.95E-06 | 6.66E-05 | 158 | 404 | 459 | 27 | 17 | 18 |
| Solyc05g015510.2.1 | 3.140407 | 5.059746 | 2.16E-14 | 1.74E-12 | 3134 | 5076 | 3571 | 187 | 375 | 212 |
| Solyc05g008270.2.1 | 3.143763 | 2.613627 | 1.38E-07 | 2.85E-06 | 264 | 1112 | 912 | 48 | 71 | 25 |
| Solyc02g090100.1.1 | 3.144281 | 4.08687 | 6.29E-10 | 2.23E-08 | 1634 | 2486 | 1831 | 190 | 162 | 46 |
| Solyc07g045540.2.1 | 3.145452 | 2.952698 | 0.00031 | 0.002361 | 1268 | 487 | 589 | 130 | 36 | 7 |
| Solyc11g071800.1.1 | 3.148329 | 3.360592 | 6.85E-08 | 1.54E-06 | 348 | 2105 | 1509 | 51 | 139 | 55 |
| Solyc07g054210.2.1 | 3.148791 | 5.116909 | 7.63E-11 | 3.29E-09 | 4792 | 3378 | 3037 | 301 | 319 | 172 |
| Solyc04g078520.2.1 | 3.149535 | 0.903116 | 3.16E-05 | 0.000336 | 271 | 166 | 144 | 12 | 20 | 10 |
| Solyc03g118370.2.1 | 3.152109 | 2.007519 | 8.73E-05 | 0.000805 | 629 | 352 | 273 | 53 | 35 | 5 |
| Solyc02g068140.2.1 | 3.152851 | 2.970536 | 7.72E-08 | 1.70E-06 | 752 | 959 | 959 | 91 | 68 | 21 |
| Solyc07g041910.2.1 | 3.156344 | 6.08621 | 0.000754 | 0.00501 | 11156 | 2187 | 6592 | 1201 | 93 | 142 |
| Solyc05g0088350.2.1 | 3.157373 | 6.050193 | 1.22E-11 | 6.27E-10 | 4413 | 10554 | 9086 | 603 | 584 | 315 |
| Solyc05g013380.2.1 | 3.161848 | 6.675891 | 0.000105 | 0.000947 | 20233 | 6321 | 3742 | 1505 | 405 | 301 |
| Solyc05g013150.2.1 | 3.163115 | 1.640933 | 4.03E-07 | 7.41E-06 | 197 | 602 | 357 | 20 | 30 | 19 |
| Solyc11g069990.1.1 | 3.168575 | 2.203669 | 5.17E-06 | 6.90E-05 | 233 | 946 | 573 | 12 | 82 | 20 |
| Solyc01g007130.2.1 | 3.175113 | 2.68451 | 2.01E-05 | 0.000225 | 206 | 1215 | 1021 | 10 | 89 | 49 |
| Solyc01g067460.1.1 | 3.176174 | 1.284808 | 3.10E-05 | 0.000329 | 313 | 283 | 200 | 31 | 16 | 6 |
| Solyc07g062040.2.1 | 3.182476 | 0.096557 | 0.000736 | 0.004905 | 99 | 175 | 94 | 1 | 22 | 3 |
| Solyc09g010220.2.1 | 3.184208 | 0.920476 | 9.37E-05 | 0.000855 | 276 | 167 | 146 | 21 | 17 | 4 |
| Solyc10g045240.1.1 | 3.185213 | 2.416877 | 5.94E-06 | 7.81E-05 | 388 | 860 | 674 | 63 | 55 | 6 |
| Solyc02g081600.2.1 | 3.186149 | 1.707044 | 0.001294 | 0.007889 | 102 | 677 | 476 | 2 | 81 | 5 |
| Solyc03g119150.2.1 | 3.186495 | 3.77711 | 9.15E-06 | 0.000113 | 2426 | 1071 | 710 | 186 | 78 | 35 |
| Solyc05g005950.2.1 | 3.187918 | 4.815294 | 7.40E-06 | 9.43E-05 | 2460 | 4990 | 2822 | 467 | 95 | 41 |
| Solyc12g088840.1.1 | 3.192087 | 4.880487 | 5.32E-15 | 4.58E-13 | 2440 | 4871 | 3344 | 227 | 253 | 166 |
| Solyc01g090330.1.1 | 3.192573 | 2.313475 | 0.00014 | 0.001204 | 49 | 996 | 887 | 19 | 46 | 41 |
| Solyc01g097000.2.1 | 3.193502 | 0.75758 | 7.34E-05 | 0.000696 | 102 | 235 | 251 | 20 | 6 | 8 |
| Solyc09g015080.2.1 | 3.195983 | 1.677711 | 1.95E-06 | 2.96E-05 | 154 | 460 | 529 | 19 | 27 | 22 |
| Solyc08g082660.2.1 | 3.197371 | 1.317313 | 0.000491 | 0.003472 | 494 | 114 | 104 | 29 | 13 | 10 |
| Solyc06g008030.2.1 | 3.199547 | 6.007559 | 3.05E-10 | 1.18E-08 | 8521 | 8343 | 4842 | 617 | 507 | 286 |
| Solyc01g005870.1.1 | 3.200158 | 5.541988 | 6.04E-10 | 2.16E-08 | 4520 | 5757 | 5732 | 162 | 750 | 216 |
| Solyc09g014520.2.1 | 3.202628 | 7.748634 | 0.001078 | 0.006748 | 48880 | 5961 | 4931 | 3280 | 777 | 483 |
| Solyc04g009420.2.1 | 3.211271 | 0.767962 | 1.84E-05 | 0.000209 | 117 | 296 | 199 | 11 | 24 | 4 |
| Solyc06g054240.2.1 | 3.211702 | 0.116009 | 0.000276 | 0.002141 | 60 | 164 | 154 | 10 | 13 | 1 |
| Solyc12g042100.1.1 | 3.21354 | -0.97653 | 0.001348 | 0.008177 | 61 | 69 | 29 | 5 | 4 | 1 |
| Solyc07g007150.1.1 | 3.213803 | 2.892045 | 5.35E-10 | 1.93E-08 | 789 | 1028 | 745 | 50 | 66 | 44 |
| Solyc11g069270.1.1 | 3.214677 | 5.076497 | 5.82E-14 | 4.30E-12 | 2720 | 5079 | 4261 | 270 | 227 | 211 |
| Solyc05g053190.2.1 | 3.217453 | 2.104471 | 1.39E-06 | 2.21E-05 | 161 | 850 | 629 | 20 | 60 | 19 |
| Solyc10g008740.2.1 | 3.217894 | 5.63952 | 2.80E-10 | 1.09E-08 | 5221 | 6123 | 5697 | 558 | 277 | 214 |
| Solyc11g065320.1.1 | 3.218637 | 4.185434 | 5.80E-10 | 2.08E-08 | 744 | 3200 | 2894 | 93 | 227 | 94 |
| Solyc11g073020.1.1 | 3.218943 | 3.884526 | 6.19E-09 | 1.79E-07 | 2179 | 1708 | 962 | 139 | 140 | 50 |
| Solyc06g083040.2.1 | 3.219331 | 6.152717 | 1.81E-09 | 5.79E-08 | 4824 | 7803 | 11994 | 714 | 605 | 250 |
| Solyc03g115200.2.1 | 3.220288 | 2.358999 | 0.00069 | 0.004637 | 68 | 755 | 1072 | 4 | 52 | 51 |
| Solyc01g091530.2.1 | 3.220332 | 2.618021 | 2.41E-07 | 4.72E-06 | 402 | 742 | 992 | 46 | 28 | 48 |
| Solyc02g079980.2.1 | 3.224798 | 2.259078 | 0.000138 | 0.001191 | 827 | 280 | 327 | 69 | 16 | 13 |
| Solyc08g045780.2.1 | 3.227198 | 2.46407 | 2.47E-08 | 6.21E-07 | 358 | 929 | 728 | 25 | 52 | 40 |
| Solyc03g093330.2.1 | 3.228109 | 0.630225 | 4.43E-05 | 0.000449 | 71 | 200 | 267 | 8 | 14 | 10 |
| Solyc01g010970.2.1 | 3.228227 | 0.268863 | 0.001442 | 0.008662 | 49 | 241 | 157 | 0 | 20 | 7 |
| Solyc03g078150.2.1 | 3.22903 | 2.500176 | 0.000309 | 0.002354 | 47 | 1951 | 505 | 20 | 37 | 55 |
| Solyc09g083290.2.1 | 3.231808 | 4.179045 | 1.01E-10 | 4.28E-09 | 1619 | 3479 | 1613 | 111 | 268 | 51 |
| Solyc06g036390.1.1 | 3.238216 | 1.601947 | 0.001413 | 0.008505 | 644 | 119 | 93 | 44 | 14 | 5 |
| Solyc09g063130.2.1 | 3.239466 | 7.405717 | 0.000212 | 0.001713 | 31026 | 10582 | 9576 | 2768 | 464 | 260 |
| Solyc01g094020.2.1 | 3.247262 | 3.394021 | 8.76E-05 | 0.000807 | 2072 | 493 | 502 | 141 | 62 | 20 |
| Solyc02g070540.2.1 | 3.251683 | 3.158429 | 3.62E-06 | 5.04E-05 | 206 | 1432 | 1702 | 27 | 106 | 61 |
| Solyc07g006870.2.1 | 3.255465 | 2.053392 | 1.11E-06 | 1.81E-05 | 139 | 937 | 555 | 32 | 40 | 17 |
| Solyc05g005480.2.1 | 3.256713 | 4.60891 | 1.10E-13 | 7.77E-12 | 2193 | 4645 | 2200 | 215 | 182 | 115 |
| Solyc09g091880.2.1 | 3.257853 | 1.118398 | 0.000228 | 0.001818 | 31 | 508 | 321 | 7 | 20 | 17 |
| Solyc03g114450.2.1 | 3.258064 | 4.913965 | 4.61E-11 | 2.09E-09 | 1179 | 6615 | 4062 | 231 | 278 | 139 |
| Solyc10g076790.1.1 | 3.25841 | 1.198738 | 0.00112 | 0.00699 | 268 | 293 | 207 | 0 | 15 | 28 |
| Solyc02g090430.2.1 | 3.258489 | 6.142085 | 3.81E-05 | 0.000395 | 11779 | 4677 | 5254 | 1023 | 400 | 80 |
| Solyc09g007380.2.1 | 3.259395 | -0.72221 | 0.000666 | 0.004507 | 76 | 55 | 52 | 4 | 6 | 2 |
| Solyc05g010710.1.1 | 3.262012 | 1.016166 | 2.07E-05 | 0.00023 | 192 | 244 | 245 | 4 | 28 | 12 |
| Solyc11g042640.1.1 | 3.264628 | 5.030541 | 3.86E-07 | 7.13E-06 | 5449 | 2633 | 2132 | 403 | 166 | 103 |
| Solyc11g010690.1.1 | 3.269843 | 3.510424 | 3.46E-11 | 1.61E-09 | 640 | 2170 | 1497 | 76 | 118 | 52 |
| Solyc04g008060.2.1 | 3.276849 | 1.795351 | 7.51E-06 | 9.54E-05 | 237 | 542 | 468 | 5 | 44 | 25 |
| Solyc03g118630.2.1 | 3.278501 | -0.07498 | 0.00034 | 0.002556 | 84 | 142 | 96 | 1 | 8 | 9 |
| Solyc02g080600.1.1 | 3.287526 | 2.170363 | 5.61E-08 | 1.28E-06 | 532 | 657 | 364 | 25 | 34 | 31 |
| Solyc07g018140.2.1 | 3.288072 | 1.955634 | 4.10E-05 | 0.00042 | 562 | 422 | 276 | 54 | 12 | 10 |
| Solyc06g053140.2.1 | 3.288824 | 4.230278 | 1.67E-10 | 6.71E-09 | 2117 | 2243 | 2016 | 193 | 149 | 54 |
| Solyc06g071320.2.1 | 3.292116 | -0.20246 | 0.000158 | 0.001327 | 68 | 180 | 65 | 7 | 4 | 5 |
| Solyc06g073090.2.1 | 3.292147 | 7.438991 | 0.000565 | 0.003905 | 36915 | 7943 | 5427 | 2710 | 420 | 305 |
| Solyc06g051200.2.1 | 3.296708 | 4.259642 | 1.25E-12 | 7.53E-11 | 1755 | 2949 | 2143 | 174 | 168 | 63 |
| Solyc04g077780.2.1 | 3.29739 | 6.511209 | 5.53E-07 | 9.82E-06 | 15129 | 8249 | 5563 | 1080 | 533 | 255 |
| Solyc05g009170.1.1 | 3.298216 | 1.244913 | 0.001305 | 0.007946 | 60 | 569 | 313 | 0 | 35 | 16 |
| Solyc07g042190.2.1 | 3.302077 | 5.75809 | 9.50E-07 | 1.58E-05 | 1296 | 10398 | 9315 | 131 | 771 | 300 |
| Solyc02g092220.1.1 | 3.303841 | 0.118631 | 0.001136 | 0.007076 | 54 | 176 | 156 | 0 | 17 | 6 |
| Solyc03g006360.2.1 | 3.308309 | 2.913534 | 2.54E-05 | 0.000276 | 260 | 2738 | 360 | 66 | 90 | 11 |
| Solyc05g009470.2.1 | 3.3087 | 5.492813 | 2.77E-13 | 1.86E-11 | 4336 | 5676 | 5612 | 288 | 526 | 167 |
| Solyc09g074630.2.1 | 3.312534 | -0.24917 | 0.000201 | 0.001632 | 38 | 116 | 135 | 7 | 6 | 3 |
| Solyc11g009020.1.1 | 3.31303 | 2.44237 | 0.000131 | 0.001139 | 968 | 358 | 322 | 78 | 22 | 8 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|------|------|-----|-----|
| Solyc11g009060.1.1 | 3.313046 | 3.870581 | 5.44E-07 | 9.68E-06 | 2737 | 1150 | 609 | 128 | 109 | 61 |
| Solyc11g007850.1.1 | 3.315115 | 4.613192 | 3.80E-07 | 7.05E-06 | 845 | 6075 | 3013 | 40 | 310 | 170 |
| Solyc08g005560.2.1 | 3.317237 | 4.34774 | 3.14E-13 | 2.08E-11 | 1983 | 3463 | 1932 | 185 | 148 | 81 |
| Solyc08g067970.2.1 | 3.317431 | 1.05589 | 8.02E-05 | 0.000749 | 57 | 323 | 380 | 10 | 10 | 18 |
| Solyc08g078840.2.1 | 3.317859 | 0.03548 | 6.63E-05 | 0.000636 | 70 | 170 | 121 | 7 | 12 | 2 |
| Solyc08g080780.2.1 | 3.318849 | 3.400184 | 9.95E-08 | 2.13E-06 | 1234 | 1148 | 1152 | 130 | 57 | 25 |
| Solyc09g091060.2.1 | 3.31912 | 0.128688 | 0.000349 | 0.002611 | 27 | 201 | 175 | 4 | 7 | 9 |
| Solyc02g067120.2.1 | 3.325626 | 3.043171 | 2.31E-10 | 9.08E-09 | 634 | 1671 | 810 | 68 | 57 | 39 |
| Solyc03g083100.2.1 | 3.329167 | 4.463819 | 4.65E-15 | 4.04E-13 | 2096 | 3104 | 2580 | 159 | 178 | 109 |
| Solyc04g064720.2.1 | 3.332063 | 3.739147 | 6.96E-11 | 3.03E-09 | 741 | 2203 | 2001 | 117 | 86 | 61 |
| Solyc07g064160.2.1 | 3.333022 | 5.450157 | 1.50E-09 | 4.87E-08 | 2807 | 12422 | 2805 | 444 | 299 | 141 |
| Solyc02g076980.2.1 | 3.335818 | 2.69734 | 2.06E-05 | 0.00023 | 591 | 1529 | 386 | 12 | 132 | 12 |
| Solyc09g097780.2.1 | 3.339629 | 5.951618 | 2.81E-10 | 1.09E-08 | 5945 | 12254 | 4939 | 645 | 445 | 170 |
| Solyc09g082760.2.1 | 3.344714 | 5.451984 | 4.22E-11 | 1.94E-09 | 2595 | 5467 | 7525 | 173 | 418 | 289 |
| Solyc08g083130.2.1 | 3.344742 | 1.504028 | 2.69E-05 | 0.00029 | 133 | 902 | 164 | 25 | 29 | 5 |
| Solyc12g040790.1.1 | 3.346787 | 1.883087 | 0.000117 | 0.001035 | 52 | 890 | 550 | 8 | 58 | 15 |
| Solyc04g077510.2.1 | 3.349615 | 2.664569 | 0.001112 | 0.006946 | 89 | 1023 | 1283 | 1 | 85 | 46 |
| Solyc03g013240.2.1 | 3.350707 | 2.007935 | 1.31E-06 | 2.10E-05 | 461 | 624 | 324 | 38 | 40 | 6 |
| Solyc01g067290.2.1 | 3.353989 | 2.528445 | 9.43E-09 | 2.63E-07 | 463 | 745 | 812 | 50 | 34 | 27 |
| Solyc07g063230.2.1 | 3.354234 | 3.539045 | 5.35E-09 | 1.57E-07 | 769 | 2011 | 1533 | 26 | 157 | 64 |
| Solyc03g120640.2.1 | 3.355311 | 6.772407 | 0.000161 | 0.001351 | 20909 | 6436 | 5553 | 1654 | 262 | 169 |
| Solyc06g072700.2.1 | 3.356742 | 1.108221 | 0.00016 | 0.001345 | 193 | 408 | 185 | 32 | 5 | 3 |
| Solyc07g061800.2.1 | 3.358378 | -0.4171 | 0.000541 | 0.003768 | 70 | 170 | 31 | 6 | 3 | 4 |
| Solyc06g076220.2.1 | 3.358899 | 1.672261 | 1.95E-06 | 2.96E-05 | 121 | 481 | 563 | 17 | 24 | 20 |
| Solyc03g033610.1.1 | 3.360554 | -0.03348 | 0.000921 | 0.005932 | 88 | 135 | 107 | 0 | 18 | 3 |
| Solyc09g031750.2.1 | 3.361233 | 4.995668 | 2.69E-15 | 2.44E-13 | 2697 | 5923 | 3259 | 220 | 327 | 115 |
| Solyc02g080510.1.1 | 3.362182 | 4.691063 | 2.82E-05 | 0.000302 | 278 | 6561 | 3872 | 47 | 404 | 119 |
| Solyc08g076820.2.1 | 3.36501 | -0.70416 | 0.00158 | 0.009337 | 83 | 71 | 36 | 2 | 2 | 6 |
| Solyc01g100530.2.1 | 3.366108 | 2.079751 | 4.30E-08 | 1.01E-06 | 254 | 754 | 564 | 35 | 32 | 16 |
| Solyc09g074850.2.1 | 3.366689 | -0.05835 | 0.000859 | 0.005586 | 116 | 73 | 107 | 13 | 2 | 2 |
| Solyc11g068680.1.1 | 3.367378 | 1.510614 | 1.07E-05 | 0.000129 | 244 | 377 | 368 | 4 | 23 | 26 |
| Solyc02g071210.2.1 | 3.367867 | 6.008803 | 4.62E-11 | 2.09E-09 | 2709 | 14631 | 8287 | 381 | 654 | 285 |
| Solyc10g009270.2.1 | 3.370574 | 2.392516 | 3.77E-06 | 5.23E-05 | 126 | 1169 | 792 | 22 | 74 | 17 |
| Solyc01g109040.2.1 | 3.370651 | 3.557104 | 0.001333 | 0.008095 | 2644 | 345 | 324 | 182 | 24 | 15 |
| Solyc07g062550.2.1 | 3.371966 | -0.06675 | 8.78E-05 | 0.000808 | 81 | 155 | 95 | 2 | 10 | 6 |
| Solyc02g077910.2.1 | 3.372543 | 1.073398 | 1.41E-05 | 0.000164 | 110 | 406 | 273 | 4 | 28 | 11 |
| Solyc10g083440.1.1 | 3.377003 | 1.320642 | 0.000759 | 0.005034 | 30 | 799 | 248 | 2 | 39 | 12 |
| Solyc01g086920.2.1 | 3.379381 | 2.514718 | 1.04E-06 | 1.71E-05 | 741 | 574 | 563 | 67 | 30 | 13 |
| Solyc02g084640.2.1 | 3.380213 | 2.879556 | 8.04E-06 | 0.000101 | 130 | 1877 | 1024 | 20 | 105 | 32 |
| Solyc02g091140.2.1 | 3.384714 | 3.710026 | 1.04E-05 | 0.000126 | 128 | 2745 | 2342 | 44 | 130 | 84 |
| Solyc11g007540.1.1 | 3.386357 | 0.883934 | 0.000208 | 0.001686 | 341 | 124 | 86 | 16 | 18 | 3 |
| Solyc01g111310.2.1 | 3.390152 | 1.66361 | 0.000122 | 0.001071 | 168 | 463 | 513 | 1 | 47 | 18 |
| Solyc02g091990.2.1 | 3.396737 | 1.580031 | 2.38E-07 | 4.66E-06 | 227 | 469 | 379 | 18 | 35 | 8 |
| Solyc05g009330.2.1 | 3.397832 | 1.786892 | 6.54E-06 | 8.48E-05 | 85 | 606 | 616 | 15 | 28 | 22 |
| Solyc10g009320.2.1 | 3.400766 | -0.57394 | 0.001594 | 0.009402 | 87 | 97 | 34 | 0 | 10 | 3 |
| Solyc07g062530.2.1 | 3.402506 | -0.20713 | 0.000126 | 0.001101 | 36 | 196 | 95 | 5 | 8 | 3 |
| Solyc11g007160.1.1 | 3.403213 | 0.94151 | 0.000343 | 0.002578 | 118 | 330 | 253 | 0 | 28 | 11 |
| Solyc02g089880.2.1 | 3.404206 | -0.20251 | 0.000136 | 0.001173 | 81 | 137 | 79 | 9 | 3 | 3 |
| Solyc12g099650.1.1 | 3.406 | 5.642509 | 0.001616 | 0.009502 | 11482 | 1291 | 1241 | 775 | 94 | 52 |
| Solyc07g061790.2.1 | 3.406128 | 4.55525 | 8.16E-10 | 2.84E-08 | 964 | 4891 | 3349 | 232 | 124 | 86 |
| Solyc01g049880.2.1 | 3.409926 | 2.965359 | 9.35E-10 | 3.19E-08 | 902 | 950 | 812 | 61 | 71 | 23 |
| Solyc01g096370.2.1 | 3.414775 | 3.772257 | 1.13E-09 | 3.78E-08 | 446 | 2966 | 2004 | 67 | 140 | 64 |
| Solyc10g054840.1.1 | 3.417673 | 3.388434 | 0.000328 | 0.002488 | 2121 | 617 | 385 | 154 | 30 | 10 |
| Solyc11g020960.1.1 | 3.418081 | 1.883033 | 0.000168 | 0.001402 | 45 | 471 | 832 | 13 | 57 | 9 |
| Solyc04g057980.2.1 | 3.42163 | 1.456972 | 7.25E-05 | 0.000688 | 482 | 205 | 154 | 31 | 9 | 9 |
| Solyc01g090560.2.1 | 3.42183 | 2.664241 | 2.01E-06 | 3.03E-05 | 138 | 1124 | 1167 | 27 | 80 | 23 |
| Solyc03g120520.1.1 | 3.422081 | 0.099699 | 0.000384 | 0.002827 | 22 | 245 | 148 | 2 | 12 | 6 |
| Solyc03g119930.1.1 | 3.425582 | 4.615237 | 1.09E-07 | 2.31E-06 | 2908 | 2905 | 2542 | 275 | 184 | 26 |
| Solyc02g070220.2.1 | 3.42576 | 1.270139 | 1.95E-05 | 0.000219 | 112 | 409 | 370 | 6 | 12 | 23 |
| Solyc09g008320.2.1 | 3.426746 | 1.335037 | 5.40E-06 | 7.17E-05 | 240 | 342 | 293 | 25 | 21 | 3 |
| Solyc03g026210.2.1 | 3.429537 | 2.731658 | 4.83E-10 | 1.76E-08 | 534 | 984 | 865 | 45 | 39 | 37 |
| Solyc09g008860.2.1 | 3.430234 | -0.04254 | 0.000411 | 0.002997 | 48 | 103 | 175 | 9 | 2 | 5 |
| Solyc11g007900.1.1 | 3.432734 | 5.16383 | 1.51E-12 | 8.97E-11 | 2327 | 5937 | 5043 | 119 | 426 | 176 |
| Solyc05g024160.2.1 | 3.433951 | 1.228507 | 0.000648 | 0.004407 | 71 | 531 | 321 | 0 | 26 | 18 |
| Solyc04g015750.2.1 | 3.435978 | 5.508019 | 1.54E-05 | 0.000178 | 8039 | 4476 | 2055 | 600 | 208 | 50 |
| Solyc01g096220.2.1 | 3.436339 | 0.114422 | 0.001254 | 0.00768 | 43 | 172 | 173 | 0 | 7 | 11 |
| Solyc06g084250.2.1 | 3.438451 | 1.964529 | 3.12E-08 | 7.61E-07 | 217 | 832 | 459 | 22 | 29 | 21 |
| Solyc07g056250.2.1 | 3.440622 | 0.508193 | 8.18E-05 | 0.000762 | 57 | 343 | 158 | 4 | 22 | 3 |
| Solyc07g006600.1.1 | 3.446673 | -0.03415 | 6.47E-05 | 0.000623 | 67 | 177 | 106 | 2 | 8 | 7 |
| Solyc04g082050.2.1 | 3.450023 | 2.567908 | 6.41E-06 | 8.33E-05 | 399 | 1248 | 634 | 4 | 84 | 32 |
| Solyc09g065910.1.1 | 3.455369 | 6.055583 | 3.01E-06 | 4.29E-05 | 11529 | 5182 | 4175 | 821 | 265 | 130 |
| Solyc03g098060.1.1 | 3.457635 | 0.747173 | 9.16E-06 | 0.000113 | 116 | 343 | 170 | 4 | 23 | 6 |
| Solyc12g008900.1.1 | 3.460776 | 4.048253 | 1.19E-05 | 0.000142 | 1560 | 1916 | 2249 | 231 | 64 | 10 |
| Solyc12g049510.1.1 | 3.464037 | 2.188583 | 2.93E-07 | 5.57E-06 | 317 | 698 | 637 | 31 | 13 | 32 |
| Solyc01g066640.2.1 | 3.470488 | -0.44674 | 0.000111 | 0.000991 | 81 | 99 | 61 | 4 | 7 | 2 |
| Solyc09g091050.2.1 | 3.479797 | 4.394301 | 6.77E-15 | 5.76E-13 | 1415 | 3558 | 2860 | 123 | 202 | 78 |
| Solyc02g078040.2.1 | 3.480157 | 1.585397 | 0.000147 | 0.001254 | 42 | 410 | 652 | 7 | 19 | 25 |
| Solyc04g082000.2.1 | 3.480295 | 4.580704 | 0.001031 | 0.006505 | 5778 | 438 | 392 | 310 | 66 | 46 |
| Solyc03g112390.2.1 | 3.480993 | -0.54416 | 0.001069 | 0.006697 | 51 | 84 | 92 | 0 | 11 | 2 |
| Solyc02g071700.2.1 | 3.485379 | 4.340884 | 6.64E-10 | 2.34E-08 | 704 | 3620 | 3453 | 104 | 234 | 63 |
| Solyc04g005250.2.1 | 3.485856 | 2.284973 | 9.13E-07 | 1.52E-05 | 154 | 1358 | 524 | 18 | 61 | 17 |
| Solyc06g050900.2.1 | 3.486637 | 0.964084 | 0.00115 | 0.007146 | 123 | 391 | 221 | 0 | 41 | 2 |
| Solyc12g014030.1.1 | 3.486902 | 0.154596 | 3.96E-05 | 0.000409 | 108 | 102 | 150 | 9 | 6 | 4 |
| Solyc12g007070.1.1 | 3.491798 | 3.577189 | 1.72E-12 | 1.01E-10 | 1064 | 1828 | 1416 | 98 | 70 | 46 |

| | | | | | | | | | | |
|---------------------|----------|----------|----------|----------|-------|-------|-------|------|------|-----|
| Solyc08g083320.2.1 | 3.49229 | 7.551895 | 3.43E-10 | 1.30E-08 | 13098 | 44943 | 16716 | 1770 | 1098 | 548 |
| Solyc07g056140.2.1 | 3.493166 | 5.976972 | 1.25E-06 | 2.01E-05 | 7693 | 9608 | 5001 | 831 | 206 | 84 |
| Solyc10g079750.1.1 | 3.497637 | 0.65605 | 0.000121 | 0.001064 | 58 | 226 | 284 | 12 | 17 | 1 |
| Solyc08g083320.1.1 | 3.500458 | 2.592509 | 5.04E-09 | 1.49E-07 | 272 | 1198 | 862 | 34 | 57 | 22 |
| Solyc09g083150.2.1 | 3.502323 | 4.57146 | 5.30E-06 | 7.05E-05 | 3769 | 2073 | 1799 | 312 | 48 | 48 |
| Solyc08g006690.1.1 | 3.505787 | 2.802049 | 4.71E-07 | 8.50E-06 | 1028 | 668 | 576 | 54 | 73 | 9 |
| Solyc02g093420.2.1 | 3.51063 | 1.03731 | 6.03E-05 | 0.000588 | 314 | 209 | 136 | 2 | 19 | 15 |
| Solyc10g084150.1.1 | 3.510913 | 1.89921 | 1.16E-05 | 0.000138 | 155 | 715 | 560 | 4 | 55 | 15 |
| Solyc10g009290.1.1 | 3.510981 | 4.526061 | 4.24E-09 | 1.27E-07 | 653 | 3943 | 4231 | 79 | 242 | 113 |
| Solyc05g013560.2.1 | 3.511088 | 3.601062 | 1.84E-08 | 4.77E-07 | 1841 | 1102 | 987 | 118 | 72 | 29 |
| Solyc06g083070.2.1 | 3.513377 | 3.869806 | 1.23E-06 | 1.98E-05 | 2546 | 1075 | 948 | 147 | 107 | 19 |
| Solyc06g065670.2.1 | 3.514973 | 2.584978 | 2.28E-08 | 5.79E-07 | 838 | 713 | 462 | 50 | 30 | 24 |
| Solyc04g054370.1.1 | 3.518848 | 1.745479 | 3.62E-08 | 8.66E-07 | 281 | 497 | 419 | 23 | 17 | 17 |
| Solyc02g064770.2.1 | 3.521236 | 5.148543 | 1.62E-16 | 1.73E-14 | 2983 | 7168 | 3381 | 210 | 321 | 129 |
| Solyc07g018240.1.1 | 3.522543 | 1.518638 | 0.000345 | 0.002587 | 382 | 261 | 286 | 42 | 4 | 2 |
| Solyc05g010240.2.1 | 3.522638 | 2.497269 | 1.95E-06 | 2.96E-05 | 919 | 396 | 450 | 47 | 50 | 9 |
| Solyc07g0066300.2.1 | 3.526299 | 2.865007 | 1.41E-07 | 2.90E-06 | 499 | 1591 | 746 | 10 | 97 | 34 |
| Solyc05g025600.1.1 | 3.526481 | 4.854068 | 2.37E-06 | 3.49E-05 | 5091 | 2225 | 1766 | 350 | 85 | 61 |
| Solyc09g009190.2.1 | 3.527261 | 5.409191 | 2.88E-14 | 2.25E-12 | 2635 | 7701 | 5786 | 159 | 423 | 206 |
| Solyc06g006080.2.1 | 3.5308 | 6.05519 | 2.80E-14 | 2.21E-12 | 5577 | 9248 | 9050 | 303 | 509 | 366 |
| Solyc08g075490.2.1 | 3.530959 | 4.515222 | 1.06E-11 | 5.49E-10 | 2758 | 3601 | 1792 | 210 | 130 | 65 |
| Solyc10g008520.2.1 | 3.537919 | 6.605004 | 7.29E-11 | 3.16E-09 | 9189 | 13639 | 11936 | 884 | 667 | 216 |
| Solyc03g115900.2.1 | 3.53852 | 4.431198 | 0.000226 | 0.001805 | 4883 | 609 | 643 | 263 | 90 | 26 |
| Solyc05g008950.2.1 | 3.53948 | 2.85851 | 1.05E-05 | 0.000127 | 314 | 1736 | 873 | 4 | 100 | 36 |
| Solyc05g005980.2.1 | 3.541151 | 1.950804 | 1.77E-06 | 2.73E-05 | 255 | 861 | 389 | 43 | 18 | 6 |
| Solyc06g062460.2.1 | 3.543936 | 3.565464 | 1.31E-10 | 5.37E-09 | 456 | 2426 | 1768 | 64 | 107 | 45 |
| Solyc11g072120.1.1 | 3.544542 | 1.487915 | 5.31E-07 | 9.48E-06 | 112 | 659 | 345 | 13 | 20 | 15 |
| Solyc12g055840.1.1 | 3.551023 | 4.468355 | 8.80E-14 | 6.39E-12 | 2995 | 2561 | 1929 | 122 | 183 | 92 |
| Solyc09g074840.2.1 | 3.551677 | 0.283259 | 0.00036 | 0.002677 | 43 | 276 | 153 | 10 | 12 | 0 |
| Solyc11g012130.1.1 | 3.552873 | 2.745131 | 3.75E-06 | 5.21E-05 | 98 | 1911 | 849 | 53 | 45 | 20 |
| Solyc07g044860.2.1 | 3.553004 | 8.421067 | 0.000326 | 0.002474 | 69841 | 16943 | 15480 | 4841 | 620 | 312 |
| Solyc01g080910.2.1 | 3.56357 | 4.728182 | 4.14E-14 | 3.14E-12 | 1529 | 4117 | 4199 | 147 | 244 | 92 |
| Solyc12g038160.1.1 | 3.563819 | 2.325907 | 3.98E-07 | 7.31E-06 | 148 | 1123 | 734 | 15 | 48 | 26 |
| Solyc07g006570.2.1 | 3.564864 | 5.955842 | 1.60E-10 | 6.49E-09 | 2212 | 10080 | 11274 | 392 | 410 | 272 |
| Solyc06g074090.2.1 | 3.564994 | 3.524862 | 7.56E-05 | 0.000711 | 54 | 3780 | 1298 | 27 | 117 | 63 |
| Solyc01g096320.2.1 | 3.569408 | 3.255776 | 0.000394 | 0.002892 | 88 | 4249 | 312 | 37 | 146 | 11 |
| Solyc03g114160.1.1 | 3.57185 | 1.782945 | 7.82E-05 | 0.000732 | 82 | 1213 | 240 | 6 | 54 | 8 |
| Solyc12g088320.1.1 | 3.577766 | 0.850567 | 6.38E-06 | 8.30E-05 | 264 | 163 | 148 | 12 | 14 | 5 |
| Solyc09g048980.2.1 | 3.583148 | -0.40691 | 0.000121 | 0.001066 | 39 | 99 | 120 | 2 | 6 | 4 |
| Solyc02g055440.2.1 | 3.583885 | 3.413294 | 8.76E-06 | 0.000109 | 1766 | 958 | 699 | 132 | 35 | 12 |
| Solyc09g075360.2.1 | 3.585657 | 2.206092 | 1.35E-05 | 0.000158 | 543 | 642 | 423 | 59 | 12 | 5 |
| Solyc03g031840.2.1 | 3.590919 | 3.163463 | 3.95E-10 | 1.47E-08 | 478 | 1832 | 1178 | 26 | 74 | 53 |
| Solyc01g109370.2.1 | 3.594628 | 1.318203 | 6.09E-06 | 7.97E-05 | 103 | 486 | 367 | 24 | 14 | 4 |
| Solyc09g008380.2.1 | 3.594785 | 0.572441 | 0.001435 | 0.008625 | 45 | 99 | 354 | 1 | 4 | 16 |
| Solyc05g007510.2.1 | 3.594795 | 6.083453 | 4.29E-14 | 3.25E-12 | 4582 | 13901 | 7832 | 272 | 660 | 284 |
| Solyc06g054570.1.1 | 3.599559 | 1.744772 | 0.000127 | 0.001111 | 566 | 395 | 137 | 42 | 5 | 6 |
| Solyc03g123410.1.1 | 3.59973 | 0.912825 | 1.17E-05 | 0.00014 | 270 | 170 | 163 | 16 | 13 | 3 |
| Solyc10g005690.2.1 | 3.599799 | 0.454972 | 0.00018 | 0.001485 | 152 | 166 | 142 | 0 | 17 | 7 |
| Solyc04g072310.2.1 | 3.600935 | 1.292384 | 2.65E-07 | 5.11E-06 | 176 | 485 | 264 | 9 | 28 | 7 |
| Solyc10g078610.1.1 | 3.601985 | -0.97797 | 0.000973 | 0.006191 | 80 | 39 | 29 | 1 | 5 | 2 |
| Solyc06g073540.2.1 | 3.604393 | 5.183945 | 6.25E-11 | 2.74E-09 | 4566 | 5647 | 2730 | 347 | 161 | 97 |
| Solyc02g069460.2.1 | 3.607008 | 6.800041 | 9.87E-06 | 0.000121 | 19637 | 7427 | 7711 | 1357 | 270 | 187 |
| Solyc05g024260.2.1 | 3.609226 | 5.034914 | 2.11E-06 | 3.16E-05 | 1419 | 11088 | 1989 | 390 | 92 | 54 |
| Solyc12g006520.1.1 | 3.618637 | 2.323643 | 1.25E-06 | 2.01E-05 | 150 | 1311 | 614 | 10 | 59 | 21 |
| Solyc01g106910.2.1 | 3.620282 | 3.983803 | 6.16E-14 | 4.54E-12 | 1285 | 3331 | 1498 | 81 | 161 | 43 |
| Solyc07g049440.2.1 | 3.622841 | 3.133952 | 6.62E-10 | 2.34E-08 | 783 | 2226 | 495 | 58 | 70 | 24 |
| Solyc02g083810.2.1 | 3.631081 | 7.31999 | 1.18E-07 | 2.47E-06 | 27716 | 12210 | 10684 | 1506 | 729 | 397 |
| Solyc03g062660.2.1 | 3.637323 | 0.102922 | 7.30E-05 | 0.000693 | 42 | 171 | 176 | 2 | 9 | 6 |
| Solyc04g071650.2.1 | 3.641633 | 5.589257 | 1.70E-11 | 8.46E-10 | 1624 | 10220 | 7389 | 206 | 419 | 201 |
| Solyc02g069110.2.1 | 3.644242 | 4.186942 | 3.70E-08 | 8.83E-07 | 461 | 2293 | 3977 | 54 | 180 | 82 |
| Solyc04g005380.2.1 | 3.650058 | 1.224048 | 6.40E-06 | 8.32E-05 | 101 | 767 | 139 | 17 | 15 | 6 |
| Solyc11g008530.1.1 | 3.652042 | 4.848195 | 1.91E-09 | 6.12E-08 | 5174 | 2748 | 1354 | 150 | 151 | 154 |
| Solyc01g105680.2.1 | 3.652659 | 4.412239 | 4.67E-16 | 4.61E-14 | 1779 | 3910 | 2337 | 95 | 212 | 67 |
| Solyc08g065970.2.1 | 3.655887 | 3.448728 | 8.81E-14 | 6.39E-12 | 1068 | 1645 | 1227 | 56 | 96 | 35 |
| Solyc10g054900.1.1 | 3.664818 | -0.79449 | 0.001207 | 0.007439 | 12 | 103 | 92 | 1 | 3 | 4 |
| Solyc08g069230.2.1 | 3.667972 | -0.06464 | 0.001454 | 0.008719 | 154 | 48 | 80 | 8 | 0 | 5 |
| Solyc10g055770.1.1 | 3.67351 | 1.51152 | 1.94E-07 | 3.87E-06 | 140 | 571 | 388 | 10 | 17 | 17 |
| Solyc02g005180.2.1 | 3.679412 | 2.257816 | 4.32E-08 | 1.01E-06 | 505 | 782 | 445 | 28 | 50 | 6 |
| Solyc01g009080.2.1 | 3.681257 | 2.516205 | 4.04E-05 | 0.000416 | 1185 | 309 | 216 | 58 | 24 | 9 |
| Solyc07g019650.2.1 | 3.681615 | 3.076983 | 1.27E-09 | 4.17E-08 | 426 | 1736 | 1145 | 19 | 78 | 43 |
| Solyc01g094790.2.1 | 3.687658 | 5.413444 | 3.34E-07 | 6.26E-06 | 1573 | 9216 | 6297 | 35 | 497 | 209 |
| Solyc08g067330.1.1 | 3.689778 | 1.686749 | 0.000444 | 0.003201 | 752 | 54 | 87 | 18 | 13 | 17 |
| Solyc01g058320.2.1 | 3.691055 | 2.54578 | 9.77E-09 | 2.71E-07 | 420 | 1059 | 725 | 18 | 75 | 12 |
| Solyc12g008830.1.1 | 3.69433 | 1.402304 | 0.000101 | 0.000913 | 141 | 580 | 314 | 0 | 35 | 11 |
| Solyc07g065860.2.1 | 3.697834 | -0.1396 | 0.000609 | 0.004168 | 26 | 167 | 144 | 0 | 9 | 5 |
| Solyc03g044480.2.1 | 3.697972 | 2.497554 | 7.42E-11 | 3.21E-09 | 491 | 1099 | 547 | 34 | 39 | 18 |
| Solyc06g068440.2.1 | 3.698796 | 3.984888 | 3.48E-10 | 1.32E-08 | 461 | 3713 | 2298 | 53 | 128 | 76 |
| Solyc02g068760.2.1 | 3.701114 | 3.578812 | 1.75E-05 | 0.000199 | 2307 | 663 | 668 | 130 | 51 | 10 |
| Solyc12g098370.1.1 | 3.701514 | 2.37747 | 7.42E-07 | 1.27E-05 | 190 | 1106 | 766 | 8 | 65 | 18 |
| Solyc07g019430.1.1 | 3.710909 | 0.743082 | 1.20E-06 | 1.94E-05 | 198 | 246 | 137 | 8 | 15 | 4 |
| Solyc06g050840.2.1 | 3.71392 | 1.138555 | 0.000158 | 0.001327 | 149 | 386 | 283 | 0 | 35 | 5 |
| Solyc03g083050.2.1 | 3.720598 | -0.98354 | 0.000691 | 0.004646 | 44 | 93 | 37 | 5 | 2 | 0 |
| Solyc08g061980.2.1 | 3.725947 | 3.598146 | 0.000128 | 0.001114 | 209 | 2354 | 2246 | 2 | 125 | 71 |
| Solyc01g006690.2.1 | 3.727107 | 2.713965 | 8.77E-08 | 1.90E-06 | 705 | 1019 | 639 | 66 | 15 | 16 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|------|-----|-----|
| Solyc09g097890.2.1 | 3.732064 | -0.89663 | 0.000384 | 0.002829 | 44 | 70 | 63 | 3 | 5 | 0 |
| Solyc03g005900.2.1 | 3.733525 | 1.454006 | 1.65E-07 | 3.33E-06 | 392 | 294 | 221 | 15 | 17 | 10 |
| Solyc10g078770.1.1 | 3.736547 | 1.846932 | 2.79E-05 | 0.0003 | 191 | 1301 | 110 | 27 | 29 | 3 |
| Solyc04g016290.2.1 | 3.738842 | 1.616266 | 6.89E-08 | 1.54E-06 | 369 | 422 | 276 | 7 | 26 | 15 |
| Solyc11g012040.1.1 | 3.741064 | 0.622066 | 0.000255 | 0.002004 | 24 | 306 | 268 | 1 | 18 | 6 |
| Solyc09g075900.2.1 | 3.742363 | 1.129561 | 4.50E-07 | 8.15E-06 | 169 | 374 | 261 | 5 | 13 | 14 |
| Solyc02g071610.2.1 | 3.746251 | 3.380765 | 4.29E-11 | 1.97E-09 | 1497 | 1362 | 725 | 62 | 78 | 27 |
| Solyc07g052980.2.1 | 3.752437 | 4.809809 | 5.23E-17 | 5.90E-15 | 2321 | 3504 | 4204 | 129 | 184 | 120 |
| Solyc02g079950.2.1 | 3.760131 | 7.717123 | 0.000173 | 0.001435 | 43237 | 9346 | 10455 | 2600 | 281 | 199 |
| Solyc05g014560.2.1 | 3.761378 | -1.0978 | 0.000604 | 0.004139 | 51 | 49 | 45 | 4 | 1 | 1 |
| Solyc01g098640.2.1 | 3.763105 | 4.287354 | 1.15E-11 | 5.91E-10 | 2239 | 2607 | 2046 | 170 | 82 | 43 |
| Solyc07g041720.1.1 | 3.7771 | 2.115552 | 1.73E-06 | 2.67E-05 | 805 | 250 | 271 | 30 | 23 | 12 |
| Solyc01g005990.2.1 | 3.784606 | 2.139683 | 3.83E-07 | 7.08E-06 | 543 | 578 | 410 | 42 | 19 | 5 |
| Solyc09g059550.1.1 | 3.795095 | -0.90849 | 0.00052 | 0.003634 | 63 | 33 | 63 | 4 | 2 | 1 |
| Solyc02g030200.1.1 | 3.799002 | -0.42498 | 0.000253 | 0.001985 | 52 | 156 | 66 | 0 | 5 | 5 |
| Solyc10g006230.2.1 | 3.802613 | 7.563578 | 0.000555 | 0.003849 | 40225 | 6981 | 8751 | 2397 | 168 | 119 |
| Solyc07g007280.2.1 | 3.802664 | -0.04691 | 5.26E-05 | 0.000521 | 146 | 79 | 76 | 2 | 8 | 4 |
| Solyc02g068060.2.1 | 3.811522 | 2.239373 | 2.70E-10 | 1.05E-08 | 504 | 665 | 509 | 17 | 30 | 22 |
| Solyc02g070950.1.1 | 3.820842 | 2.248872 | 0.000507 | 0.003561 | 1137 | 136 | 76 | 47 | 12 | 8 |
| Solyc03g031760.2.1 | 3.826362 | 2.798551 | 2.51E-11 | 1.21E-09 | 542 | 1329 | 787 | 34 | 61 | 14 |
| Solyc10g007120.2.1 | 3.832585 | 2.217774 | 2.96E-10 | 1.15E-08 | 346 | 703 | 659 | 22 | 35 | 13 |
| Solyc02g083120.1.1 | 3.833179 | 2.328569 | 2.14E-09 | 6.76E-08 | 236 | 1087 | 673 | 15 | 37 | 22 |
| Solyc11g008040.1.1 | 3.834441 | -0.77244 | 0.000754 | 0.00501 | 44 | 58 | 87 | 5 | 0 | 2 |
| Solyc07g043660.2.1 | 3.8349 | 0.623606 | 0.000107 | 0.000954 | 40 | 334 | 232 | 1 | 7 | 12 |
| Solyc08g062370.2.1 | 3.843334 | -0.89048 | 0.000115 | 0.001017 | 38 | 89 | 59 | 3 | 3 | 1 |
| Solyc12g006460.1.1 | 3.849667 | 4.455414 | 1.35E-09 | 4.43E-08 | 506 | 6374 | 2625 | 60 | 163 | 100 |
| Solyc07g066150.1.1 | 3.850289 | 7.007177 | 0.000404 | 0.002948 | 28124 | 4509 | 5235 | 1550 | 173 | 67 |
| Solyc01g096360.2.1 | 3.858269 | 3.720019 | 1.71E-12 | 1.00E-10 | 750 | 2524 | 1850 | 30 | 116 | 53 |
| Solyc04g081810.2.1 | 3.85928 | 0.030002 | 0.00053 | 0.003706 | 182 | 92 | 42 | 0 | 11 | 4 |
| Solyc06g082950.2.1 | 3.870273 | 6.255172 | 0.000181 | 0.001492 | 16870 | 2977 | 2723 | 873 | 122 | 56 |
| Solyc01g095530.2.1 | 3.870876 | 1.101042 | 1.25E-06 | 2.01E-05 | 306 | 301 | 130 | 14 | 14 | 3 |
| Solyc04g008330.1.1 | 3.872194 | 2.984676 | 8.02E-07 | 1.36E-05 | 260 | 1456 | 1379 | 75 | 29 | 8 |
| Solyc07g055930.2.1 | 3.874478 | 2.629534 | 1.59E-05 | 0.000183 | 155 | 1680 | 788 | 2 | 64 | 28 |
| Solyc12g098600.1.1 | 3.881159 | 2.566473 | 1.47E-07 | 3.01E-06 | 639 | 737 | 703 | 57 | 13 | 10 |
| Solyc05g026100.1.1 | 3.887505 | -0.83916 | 0.00059 | 0.004058 | 22 | 118 | 66 | 0 | 4 | 3 |
| Solyc10g018300.1.1 | 3.902273 | 6.543035 | 5.18E-08 | 1.20E-06 | 14273 | 11451 | 6232 | 860 | 332 | 109 |
| Solyc06g074970.1.1 | 3.914171 | 2.308084 | 2.94E-08 | 7.22E-07 | 216 | 1091 | 677 | 8 | 34 | 26 |
| Solyc01g091230.2.1 | 3.918976 | 0.774463 | 2.63E-07 | 5.07E-06 | 114 | 285 | 232 | 5 | 11 | 7 |
| Solyc11g008480.1.1 | 3.927107 | -0.35833 | 0.000272 | 0.002117 | 109 | 90 | 53 | 7 | 3 | 0 |
| Solyc04g009980.2.1 | 3.93005 | -0.47502 | 0.000396 | 0.002901 | 24 | 104 | 127 | 0 | 5 | 4 |
| Solyc03g093540.1.1 | 3.931579 | 1.950198 | 3.84E-07 | 7.10E-06 | 161 | 1114 | 366 | 5 | 26 | 21 |
| Solyc03g005770.1.1 | 3.934152 | 5.451283 | 2.17E-06 | 3.24E-05 | 8820 | 1776 | 2594 | 394 | 116 | 72 |
| Solyc06g053210.2.1 | 3.934682 | -1.11084 | 0.000567 | 0.003922 | 58 | 59 | 30 | 0 | 5 | 1 |
| Solyc07g014590.2.1 | 3.93676 | 2.938281 | 3.36E-08 | 8.09E-07 | 160 | 1727 | 1253 | 20 | 56 | 31 |
| Solyc02g071380.2.1 | 3.94832 | 2.016581 | 0.000172 | 0.001428 | 716 | 560 | 98 | 19 | 44 | 0 |
| Solyc03g025390.2.1 | 3.951468 | 4.545091 | 1.12E-12 | 6.80E-11 | 988 | 5056 | 3372 | 155 | 92 | 63 |
| Solyc12g062250.1.1 | 3.957561 | 2.561601 | 1.59E-09 | 5.15E-08 | 611 | 917 | 623 | 45 | 27 | 8 |
| Solyc06g068620.2.1 | 3.966737 | 2.344341 | 2.15E-08 | 5.49E-07 | 316 | 747 | 820 | 6 | 44 | 21 |
| Solyc08g079240.2.1 | 3.967435 | 3.605328 | 6.93E-11 | 3.02E-09 | 1539 | 1593 | 1147 | 85 | 26 | 41 |
| Solyc01g100770.2.1 | 3.977281 | 4.67403 | 1.93E-11 | 9.54E-10 | 1984 | 3650 | 3777 | 186 | 141 | 27 |
| Solyc08g066840.2.1 | 3.978708 | 5.427164 | 2.42E-06 | 3.55E-05 | 662 | 10351 | 7028 | 28 | 422 | 172 |
| Solyc07g008570.2.1 | 3.981666 | 4.13036 | 8.74E-09 | 2.45E-07 | 270 | 4754 | 2504 | 63 | 137 | 47 |
| Solyc05g043330.2.1 | 3.993673 | -0.27072 | 0.000458 | 0.00328 | 136 | 83 | 41 | 5 | 0 | 4 |
| Solyc01g008930.2.1 | 3.995355 | 1.226089 | 1.35E-07 | 2.80E-06 | 103 | 554 | 286 | 6 | 14 | 10 |
| Solyc10g009580.2.1 | 3.998795 | 1.458729 | 8.15E-06 | 0.000102 | 411 | 408 | 138 | 25 | 8 | 2 |
| Solyc08g080050.2.1 | 4.003847 | 5.182766 | 8.82E-07 | 1.48E-05 | 6227 | 3094 | 2512 | 350 | 91 | 27 |
| Solyc08g075100.2.1 | 4.012093 | 3.317347 | 9.20E-14 | 6.66E-12 | 754 | 1781 | 1265 | 34 | 40 | 49 |
| Solyc03g005960.2.1 | 4.036369 | 1.865218 | 6.89E-06 | 8.84E-05 | 40 | 672 | 730 | 8 | 30 | 11 |
| Solyc05g006440.2.1 | 4.036609 | 4.169053 | 8.13E-13 | 5.03E-11 | 1865 | 2415 | 2192 | 129 | 78 | 26 |
| Solyc02g070800.2.1 | 4.042215 | 6.390985 | 8.67E-11 | 3.70E-09 | 12793 | 7605 | 7555 | 574 | 358 | 148 |
| Solyc07g043480.1.1 | 4.043158 | 1.536537 | 2.06E-06 | 3.09E-05 | 74 | 919 | 279 | 20 | 11 | 5 |
| Solyc06g051460.2.1 | 4.046695 | 1.951846 | 9.84E-06 | 0.00012 | 258 | 645 | 554 | 0 | 28 | 21 |
| Solyc01g099560.2.1 | 4.050677 | -0.09135 | 5.59E-06 | 7.39E-05 | 55 | 184 | 112 | 2 | 5 | 4 |
| Solyc07g043390.2.1 | 4.056443 | 6.044005 | 3.86E-12 | 2.14E-10 | 3663 | 20161 | 4845 | 400 | 261 | 164 |
| Solyc04g079560.2.1 | 4.056645 | 1.159312 | 0.000173 | 0.001435 | 65 | 361 | 424 | 0 | 30 | 3 |
| Solyc03g117800.2.1 | 4.063265 | 3.97003 | 3.18E-09 | 9.70E-08 | 349 | 5528 | 1310 | 43 | 105 | 55 |
| Solyc07g043400.1.1 | 4.068589 | 3.087766 | 1.07E-09 | 3.58E-08 | 482 | 2441 | 696 | 46 | 59 | 9 |
| Solyc03g115540.1.1 | 4.070578 | 3.045503 | 1.20E-13 | 8.46E-12 | 997 | 1349 | 672 | 33 | 48 | 24 |
| Solyc11g006230.1.1 | 4.071025 | -0.38967 | 0.000517 | 0.003619 | 64 | 214 | 23 | 0 | 9 | 1 |
| Solyc05g011890.1.1 | 4.072839 | 2.607122 | 7.14E-08 | 1.58E-06 | 178 | 2011 | 533 | 11 | 51 | 19 |
| Solyc03g005760.1.1 | 4.072887 | 7.055359 | 1.02E-10 | 4.32E-09 | 22014 | 9696 | 11383 | 727 | 733 | 262 |
| Solyc01g095930.2.1 | 4.074268 | -0.18025 | 0.000578 | 0.003984 | 22 | 215 | 113 | 0 | 2 | 7 |
| Solyc06g005220.2.1 | 4.076027 | -0.97422 | 0.000319 | 0.002424 | 22 | 113 | 54 | 0 | 5 | 1 |
| Solyc01g009260.1.1 | 4.077162 | -0.84089 | 0.000866 | 0.005625 | 10 | 96 | 96 | 0 | 3 | 3 |
| Solyc04g054740.2.1 | 4.090399 | 5.162076 | 6.29E-06 | 8.20E-05 | 6385 | 3366 | 2010 | 356 | 43 | 25 |
| Solyc11g071240.1.1 | 4.097948 | -0.56522 | 0.000239 | 0.001897 | 111 | 53 | 41 | 3 | 1 | 3 |
| Solyc01g058170.2.1 | 4.106283 | -0.09936 | 2.99E-06 | 4.27E-05 | 66 | 133 | 131 | 3 | 6 | 2 |
| Solyc01g098500.2.1 | 4.107301 | 4.110766 | 5.61E-14 | 4.15E-12 | 679 | 3406 | 2806 | 63 | 114 | 44 |
| Solyc04g082010.1.1 | 4.107777 | 6.80284 | 0.001078 | 0.006751 | 27814 | 1982 | 1951 | 1156 | 101 | 49 |
| Solyc10g078260.1.1 | 4.108454 | 2.599757 | 9.54E-12 | 4.98E-10 | 335 | 1468 | 677 | 26 | 28 | 19 |
| Solyc03g119960.2.1 | 4.109292 | 1.690627 | 4.09E-06 | 5.61E-05 | 121 | 630 | 519 | 1 | 19 | 18 |
| Solyc08g074650.2.1 | 4.111847 | 3.091458 | 3.96E-08 | 9.37E-07 | 406 | 954 | 1750 | 65 | 28 | 10 |
| Solyc10g078250.1.1 | 4.114974 | 0.798922 | 7.89E-07 | 1.34E-05 | 76 | 360 | 245 | 10 | 9 | 2 |
| Solyc07g053200.2.1 | 4.11637 | 2.94033 | 1.66E-11 | 8.32E-10 | 327 | 1685 | 1096 | 30 | 52 | 16 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|--------|--------|---------|-------|------|------|
| Solyc01g079470.2.1 | 4.117295 | 3.233969 | 9.93E-10 | 3.37E-08 | 1181 | 780 | 1203 | 17 | 94 | 18 |
| Solyc01g090730.2.1 | 4.124022 | -0.18563 | 0.000122 | 0.001074 | 29 | 145 | 150 | 0 | 6 | 4 |
| Solyc03g020070.2.1 | 4.138379 | 3.739299 | 0.000455 | 0.003267 | 3167 | 377 | 335 | 135 | 13 | 5 |
| Solyc09g008670.2.1 | 4.143219 | 12.14973 | 6.11E-07 | 1.07E-05 | 166195 | 442270 | 1049170 | 37666 | 8923 | 5891 |
| Solyc01g079620.2.1 | 4.147631 | -0.07074 | 6.14E-05 | 0.000596 | 75 | 210 | 76 | 0 | 4 | 6 |
| Solyc02g065780.1.1 | 4.149943 | 0.234878 | 7.53E-05 | 0.000709 | 23 | 207 | 219 | 2 | 12 | 1 |
| Solyc06g082940.2.1 | 4.165186 | 7.314979 | 3.26E-05 | 0.000346 | 29546 | 9208 | 11388 | 1555 | 139 | 94 |
| Solyc08g081890.2.1 | 4.167646 | 1.781889 | 4.59E-07 | 8.29E-06 | 319 | 509 | 427 | 1 | 33 | 10 |
| Solyc01g087770.2.1 | 4.170899 | 1.371105 | 7.70E-05 | 0.000723 | 603 | 75 | 66 | 5 | 15 | 10 |
| Solyc03g093180.1.1 | 4.172824 | -2.1603 | 0.00158 | 0.009337 | 18 | 35 | 15 | 0 | 2 | 0 |
| Solyc04g077570.1.1 | 4.194787 | -0.39125 | 2.65E-05 | 0.000286 | 104 | 54 | 79 | 3 | 3 | 2 |
| Solyc10g009380.2.1 | 4.195264 | 1.368904 | 1.41E-05 | 0.000165 | 41 | 660 | 384 | 9 | 23 | 1 |
| Solyc10g006900.2.1 | 4.196941 | 4.401009 | 2.85E-08 | 7.01E-07 | 4304 | 1264 | 1003 | 135 | 67 | 38 |
| Solyc03g112760.2.1 | 4.205957 | 3.919618 | 1.11E-14 | 9.24E-13 | 1076 | 2297 | 2316 | 29 | 118 | 40 |
| Solyc06g068040.2.1 | 4.220516 | 2.499443 | 7.32E-11 | 3.17E-09 | 531 | 555 | 889 | 12 | 39 | 16 |
| Solyc10g076710.1.1 | 4.225869 | 3.809206 | 5.41E-11 | 2.42E-09 | 398 | 2964 | 2355 | 27 | 100 | 41 |
| Solyc05g056050.2.1 | 4.228751 | 3.994865 | 0.000109 | 0.000976 | 3996 | 172 | 331 | 112 | 46 | 20 |
| Solyc12g008580.1.1 | 4.247702 | 0.501621 | 6.21E-06 | 8.11E-05 | 59 | 307 | 193 | 1 | 14 | 2 |
| Solyc02g019790.2.1 | 4.250823 | 1.272365 | 9.98E-09 | 2.77E-07 | 249 | 388 | 246 | 14 | 8 | 4 |
| Solyc04g016220.2.1 | 4.251095 | 1.700357 | 7.26E-09 | 2.08E-07 | 326 | 521 | 350 | 16 | 20 | 2 |
| Solyc08g076980.2.1 | 4.259777 | 3.651878 | 6.01E-09 | 1.75E-07 | 258 | 1366 | 3060 | 41 | 62 | 37 |
| Solyc07g053630.2.1 | 4.267946 | 4.543895 | 8.63E-18 | 1.06E-15 | 1143 | 5097 | 3242 | 72 | 116 | 71 |
| Solyc07g052950.2.1 | 4.273882 | -0.61935 | 0.000985 | 0.006265 | 24 | 155 | 73 | 6 | 0 | 0 |
| Solyc10g012050.2.1 | 4.275822 | 3.617643 | 1.14E-10 | 4.73E-09 | 305 | 2112 | 2429 | 43 | 73 | 25 |
| Solyc01g096280.1.1 | 4.276743 | 0.574194 | 1.05E-05 | 0.000127 | 70 | 331 | 189 | 0 | 13 | 4 |
| Solyc02g077720.2.1 | 4.281936 | 1.388013 | 3.23E-09 | 9.82E-08 | 142 | 655 | 276 | 9 | 12 | 7 |
| Solyc08g005770.2.1 | 4.301096 | -0.48458 | 0.000626 | 0.004271 | 14 | 53 | 174 | 0 | 4 | 3 |
| Solyc10g055520.1.1 | 4.306525 | -0.91831 | 8.03E-05 | 0.00075 | 45 | 75 | 59 | 0 | 3 | 2 |
| Solyc01g006330.2.1 | 4.308536 | 1.431532 | 0.000454 | 0.00326 | 616 | 96 | 78 | 24 | 2 | 1 |
| Solyc03g113060.2.1 | 4.325773 | 3.753059 | 8.52E-17 | 9.38E-15 | 844 | 2248 | 2091 | 43 | 48 | 47 |
| Solyc03g044590.2.1 | 4.327254 | -0.33313 | 0.000158 | 0.001334 | 28 | 184 | 98 | 0 | 2 | 5 |
| Solyc10g080340.1.1 | 4.366076 | -0.59803 | 5.16E-05 | 0.000513 | 44 | 104 | 86 | 0 | 3 | 3 |
| Solyc02g071020.2.1 | 4.376267 | 6.186242 | 9.16E-06 | 0.000113 | 14252 | 5334 | 3745 | 609 | 71 | 36 |
| Solyc06g019170.2.1 | 4.381516 | 2.93632 | 2.37E-06 | 3.49E-05 | 42 | 2754 | 782 | 30 | 36 | 14 |
| Solyc07g051820.2.1 | 4.385191 | 4.043399 | 1.63E-07 | 3.29E-06 | 213 | 4540 | 2448 | 15 | 136 | 37 |
| Solyc09g014740.2.1 | 4.387049 | 2.828853 | 2.97E-14 | 2.32E-12 | 550 | 1595 | 707 | 19 | 43 | 14 |
| Solyc09g074450.1.1 | 4.420977 | 0.185008 | 0.00021 | 0.001696 | 73 | 265 | 109 | 10 | 0 | 0 |
| Solyc08g005960.1.1 | 4.425087 | 3.427516 | 4.45E-08 | 1.04E-06 | 976 | 1295 | 1619 | 6 | 20 | 66 |
| Solyc02g077430.2.1 | 4.431682 | 5.324008 | 3.88E-15 | 3.43E-13 | 4144 | 6224 | 4564 | 174 | 221 | 33 |
| Solyc02g081920.2.1 | 4.433707 | 3.392092 | 2.80E-09 | 8.65E-08 | 302 | 2375 | 1680 | 13 | 89 | 16 |
| Solyc06g008500.2.1 | 4.43816 | 0.195172 | 0.000203 | 0.001651 | 100 | 129 | 167 | 10 | 0 | 0 |
| Solyc08g077060.2.1 | 4.44547 | 1.521877 | 2.34E-07 | 4.58E-06 | 280 | 472 | 316 | 10 | 21 | 0 |
| Solyc02g077420.2.1 | 4.485108 | 5.168356 | 2.07E-18 | 2.70E-16 | 3674 | 4317 | 4982 | 110 | 213 | 49 |
| Solyc10g086250.1.1 | 4.491632 | 2.445215 | 0.000783 | 0.005167 | 7 | 1586 | 823 | 0 | 43 | 14 |
| Solyc04g015620.2.1 | 4.492437 | 2.814376 | 6.00E-05 | 0.000585 | 1779 | 133 | 102 | 39 | 14 | 11 |
| Solyc02g076690.2.1 | 4.500927 | 6.112398 | 1.60E-08 | 4.22E-07 | 14684 | 3950 | 2942 | 351 | 165 | 120 |
| Solyc07g005680.2.1 | 4.511724 | 0.165004 | 4.51E-05 | 0.000456 | 25 | 181 | 218 | 0 | 6 | 4 |
| Solyc01g107730.2.1 | 4.514322 | -0.10843 | 1.02E-05 | 0.000125 | 37 | 110 | 183 | 1 | 4 | 3 |
| Solyc10g086580.1.1 | 4.518061 | 8.715515 | 3.14E-05 | 0.000334 | 100761 | 14782 | 9588 | 2982 | 555 | 264 |
| Solyc05g012510.2.1 | 4.521104 | 5.230971 | 2.48E-14 | 1.97E-12 | 1040 | 7969 | 6477 | 111 | 150 | 91 |
| Solyc12g013710.1.1 | 4.547998 | 2.800039 | 1.43E-06 | 2.26E-05 | 1394 | 450 | 356 | 47 | 9 | 5 |
| Solyc06g048620.2.1 | 4.549141 | 0.769264 | 6.05E-06 | 7.93E-05 | 72 | 333 | 263 | 11 | 4 | 0 |
| Solyc02g030170.2.1 | 4.553415 | 6.653019 | 2.45E-20 | 4.20E-18 | 9270 | 17425 | 11889 | 209 | 470 | 262 |
| Solyc12g011450.1.1 | 4.564176 | 6.484641 | 0.000115 | 0.00102 | 22764 | 2133 | 1108 | 606 | 155 | 39 |
| Solyc06g049030.2.1 | 4.565543 | 2.073684 | 2.94E-06 | 4.21E-05 | 182 | 1074 | 514 | 0 | 38 | 6 |
| Solyc04g005070.2.1 | 4.573834 | 2.865543 | 2.01E-07 | 4.00E-06 | 84 | 2274 | 926 | 9 | 50 | 13 |
| Solyc10g084950.1.1 | 4.580315 | 2.033282 | 1.89E-12 | 1.11E-10 | 382 | 625 | 513 | 13 | 11 | 11 |
| Solyc10g018780.1.1 | 4.585288 | -0.22553 | 2.47E-05 | 0.000269 | 31 | 170 | 127 | 0 | 4 | 3 |
| Solyc09g065620.2.1 | 4.599663 | 6.470767 | 1.95E-07 | 3.89E-06 | 537 | 15162 | 20101 | 179 | 487 | 174 |
| Solyc10g047110.1.1 | 4.602582 | 0.414076 | 0.001 | 0.006336 | 328 | 17 | 26 | 6 | 6 | 0 |
| Solyc12g062500.1.1 | 4.602996 | 0.244054 | 0.000254 | 0.001997 | 257 | 38 | 49 | 7 | 3 | 0 |
| Solyc09g011080.2.1 | 4.623361 | 0.388778 | 7.92E-06 | 9.97E-05 | 250 | 136 | 37 | 4 | 5 | 2 |
| Solyc02g070990.1.1 | 4.627307 | 1.776102 | 0.000316 | 0.002403 | 893 | 61 | 16 | 14 | 7 | 7 |
| Solyc02g064690.2.1 | 4.631031 | 2.489809 | 4.06E-09 | 1.22E-07 | 464 | 1177 | 587 | 6 | 48 | 3 |
| Solyc02g068170.1.1 | 4.635161 | -0.04544 | 0.000144 | 0.001233 | 202 | 57 | 31 | 0 | 5 | 3 |
| Solyc02g064720.2.1 | 4.638804 | 0.404525 | 3.26E-05 | 0.000345 | 36 | 461 | 95 | 0 | 10 | 2 |
| Solyc02g037550.2.1 | 4.642648 | 0.879478 | 0.000191 | 0.001567 | 8 | 531 | 262 | 0 | 8 | 7 |
| Solyc06g068160.2.1 | 4.650846 | 0.033875 | 0.00024 | 0.001905 | 199 | 126 | 9 | 3 | 6 | 0 |
| Solyc05g056070.2.1 | 4.662335 | 6.367437 | 7.08E-07 | 1.22E-05 | 16405 | 4377 | 5242 | 519 | 141 | 33 |
| Solyc03g117690.2.1 | 4.665365 | 2.396914 | 4.13E-12 | 2.27E-10 | 297 | 1211 | 652 | 16 | 26 | 5 |
| Solyc02g090030.2.1 | 4.671316 | 6.763163 | 6.05E-11 | 2.66E-09 | 17641 | 11554 | 8106 | 577 | 209 | 112 |
| Solyc12g006470.1.1 | 4.679528 | 6.170547 | 4.85E-10 | 1.76E-08 | 5728 | 18174 | 6082 | 431 | 118 | 44 |
| Solyc05g015800.2.1 | 4.682449 | 3.563679 | 6.38E-06 | 8.30E-05 | 51 | 1813 | 2830 | 13 | 92 | 11 |
| Solyc02g070380.1.1 | 4.70073 | -1.01797 | 0.001439 | 0.008642 | 93 | 30 | 20 | 0 | 0 | 3 |
| Solyc11g069980.1.1 | 4.704918 | -0.82736 | 6.14E-05 | 0.000596 | 55 | 53 | 75 | 3 | 1 | 0 |
| Solyc05g050370.1.1 | 4.705002 | -1.58972 | 0.000514 | 0.003606 | 16 | 66 | 34 | 2 | 0 | 0 |
| Solyc03g093700.1.1 | 4.706091 | -1.51479 | 0.000867 | 0.005632 | 17 | 55 | 46 | 0 | 0 | 2 |
| Solyc06g005070.1.1 | 4.71997 | 0.872107 | 1.70E-06 | 2.63E-05 | 231 | 340 | 108 | 9 | 0 | 4 |
| Solyc10g006530.2.1 | 4.720528 | 0.673474 | 0.000338 | 0.002548 | 341 | 46 | 82 | 11 | 1 | 0 |
| Solyc02g077140.2.1 | 4.73613 | -0.46516 | 2.10E-05 | 0.000232 | 67 | 110 | 79 | 0 | 6 | 0 |
| Solyc03g046580.1.1 | 4.739099 | -0.36201 | 0.000245 | 0.001936 | 157 | 17 | 48 | 3 | 3 | 0 |
| Solyc04g050930.2.1 | 4.746286 | 2.010424 | 3.01E-08 | 7.36E-07 | 199 | 792 | 617 | 22 | 9 | 1 |
| Solyc07g063910.2.1 | 4.749588 | 2.537837 | 0.000197 | 0.001606 | 611 | 1705 | 137 | 42 | 0 | 1 |
| Solyc01g021730.2.1 | 4.753984 | -2.3308 | 0.001467 | 0.008781 | 9 | 45 | 11 | 0 | 1 | 0 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|--------|--------|------|------|------|
| Solyc02g080200.2.1 | 4.76339 | 0.687872 | 3.10E-06 | 4.40E-05 | 260 | 135 | 130 | 0 | 6 | 6 |
| Solyc11g008630.1.1 | 4.76434 | 3.081568 | 2.41E-11 | 1.17E-09 | 1138 | 1010 | 848 | 18 | 54 | 4 |
| Solyc12g094720.1.1 | 4.775088 | 1.560752 | 3.38E-10 | 1.28E-08 | 355 | 385 | 313 | 3 | 9 | 10 |
| Solyc03g114310.2.1 | 4.776484 | 0.431342 | 1.52E-06 | 2.39E-05 | 64 | 255 | 204 | 0 | 9 | 2 |
| Solyc07g045080.2.1 | 4.785121 | 0.993577 | 0.000344 | 0.00258 | 449 | 47 | 85 | 13 | 0 | 1 |
| Solyc02g067360.2.1 | 4.794994 | 1.722171 | 5.37E-09 | 1.57E-07 | 305 | 581 | 369 | 6 | 2 | 14 |
| Solyc09g083440.2.1 | 4.803825 | 10.55987 | 3.74E-08 | 8.89E-07 | 21867 | 156851 | 393792 | 5743 | 2276 | 2951 |
| Solyc12g010550.1.1 | 4.810781 | 2.24507 | 1.56E-06 | 2.43E-05 | 54 | 1540 | 565 | 2 | 14 | 18 |
| Solyc01g097770.2.1 | 4.811937 | 5.107389 | 6.80E-15 | 5.76E-13 | 1609 | 9373 | 3913 | 137 | 110 | 27 |
| Solyc03g043740.2.1 | 4.812077 | 0.792992 | 7.31E-07 | 1.25E-05 | 318 | 136 | 101 | 7 | 5 | 1 |
| Solyc10g055730.1.1 | 4.817547 | 1.189657 | 1.19E-10 | 4.94E-09 | 201 | 344 | 300 | 4 | 8 | 5 |
| Solyc12g042180.1.1 | 4.823783 | -0.4254 | 7.30E-05 | 0.000693 | 149 | 56 | 21 | 1 | 2 | 2 |
| Solyc06g054130.1.1 | 4.845318 | -1.49385 | 0.000462 | 0.003307 | 48 | 33 | 26 | 2 | 0 | 0 |
| Solyc03g119540.2.1 | 4.848743 | 4.663975 | 1.44E-24 | 4.01E-22 | 2045 | 5192 | 2894 | 42 | 87 | 61 |
| Solyc04g014530.1.1 | 4.864668 | 2.987002 | 3.07E-13 | 2.04E-11 | 331 | 1511 | 1345 | 21 | 14 | 20 |
| Solyc01g087780.2.1 | 4.876759 | 4.850983 | 3.16E-09 | 9.66E-08 | 5662 | 2102 | 1599 | 144 | 35 | 25 |
| Solyc07g042630.2.1 | 4.882776 | 3.176566 | 7.00E-12 | 3.74E-10 | 345 | 3050 | 734 | 25 | 37 | 8 |
| Solyc12g008800.1.1 | 4.892231 | 2.667166 | 5.42E-13 | 3.46E-11 | 736 | 828 | 738 | 26 | 15 | 5 |
| Solyc03g083510.2.1 | 4.898792 | -1.12576 | 4.84E-05 | 0.000484 | 25 | 73 | 63 | 0 | 3 | 0 |
| Solyc10g008720.2.1 | 4.902065 | 1.887767 | 8.29E-09 | 2.35E-07 | 209 | 627 | 601 | 19 | 3 | 3 |
| Solyc02g077980.1.1 | 4.909808 | 0.580979 | 8.39E-07 | 1.42E-05 | 69 | 412 | 148 | 0 | 5 | 5 |
| Solyc05g009270.2.1 | 4.921149 | -1.5485 | 8.86E-05 | 0.000814 | 26 | 47 | 39 | 0 | 2 | 0 |
| Solyc03g122360.2.1 | 4.940298 | 2.06114 | 1.28E-05 | 0.000151 | 42 | 1030 | 714 | 0 | 11 | 16 |
| Solyc02g064940.1.1 | 4.940814 | 4.970985 | 9.17E-18 | 1.11E-15 | 2735 | 5918 | 3677 | 22 | 148 | 65 |
| Solyc02g071010.1.1 | 4.94487 | 5.482231 | 0.000841 | 0.005484 | 12089 | 181 | 354 | 266 | 19 | 13 |
| Solyc02g066920.2.1 | 4.950008 | 0.590728 | 0.000354 | 0.002635 | 367 | 46 | 22 | 6 | 0 | 3 |
| Solyc02g020940.2.1 | 4.957067 | 5.172257 | 6.87E-21 | 1.30E-18 | 4635 | 4663 | 3752 | 96 | 137 | 34 |
| Solyc01g110180.2.1 | 4.972991 | -0.06982 | 4.21E-05 | 0.00043 | 23 | 193 | 159 | 0 | 7 | 0 |
| Solyc02g065530.2.1 | 4.989519 | -0.249 | 2.12E-05 | 0.000235 | 127 | 71 | 73 | 0 | 6 | 0 |
| Solyc03g005780.1.1 | 4.996771 | 5.399715 | 0.000439 | 0.003164 | 11498 | 272 | 185 | 224 | 38 | 15 |
| Solyc05g008300.1.1 | 4.999934 | -0.38993 | 4.39E-05 | 0.000445 | 85 | 86 | 86 | 0 | 0 | 4 |
| Solyc02g081340.2.1 | 5.002807 | 1.726745 | 3.82E-05 | 0.000396 | 4 | 1298 | 292 | 8 | 12 | 3 |
| Solyc10g007690.2.1 | 5.012367 | 7.137348 | 2.41E-08 | 6.09E-07 | 31820 | 6667 | 5087 | 558 | 224 | 141 |
| Solyc11g045530.1.1 | 5.013548 | -1.25217 | 0.000537 | 0.003745 | 16 | 49 | 76 | 0 | 0 | 2 |
| Solyc06g083900.2.1 | 5.017023 | 0.973334 | 9.87E-07 | 1.63E-05 | 31 | 251 | 462 | 5 | 3 | 4 |
| Solyc11g010340.1.1 | 5.018216 | -2.02611 | 0.00096 | 0.006123 | 17 | 24 | 32 | 0 | 0 | 1 |
| Solyc08g083360.2.1 | 5.023526 | 3.969666 | 4.87E-08 | 1.13E-06 | 3310 | 665 | 889 | 69 | 30 | 6 |
| Solyc08g066630.2.1 | 5.049473 | -2.12312 | 0.000337 | 0.002538 | 22 | 27 | 19 | 0 | 1 | 0 |
| Solyc08g006830.2.1 | 5.064251 | 1.334052 | 2.38E-11 | 1.15E-09 | 281 | 392 | 258 | 3 | 8 | 5 |
| Solyc02g063150.2.1 | 5.105696 | 7.824537 | 0.00028 | 0.002169 | 58368 | 4666 | 3369 | 1262 | 67 | 30 |
| Solyc05g009500.2.1 | 5.116688 | 0.864655 | 8.24E-06 | 0.000103 | 146 | 337 | 216 | 0 | 0 | 9 |
| Solyc02g085020.2.1 | 5.131268 | 1.578014 | 0.000466 | 0.003329 | 0 | 1210 | 243 | 9 | 9 | 1 |
| Solyc01g102720.2.1 | 5.140013 | 1.045825 | 1.41E-07 | 2.90E-06 | 237 | 258 | 241 | 10 | 2 | 0 |
| Solyc05g026490.2.1 | 5.151976 | 0.812448 | 0.000109 | 0.000974 | 431 | 44 | 34 | 2 | 10 | 0 |
| Solyc05g010060.2.1 | 5.153127 | -1.91214 | 0.000495 | 0.003489 | 16 | 39 | 30 | 0 | 0 | 1 |
| Solyc08g075880.2.1 | 5.158398 | 1.585603 | 2.84E-12 | 1.61E-10 | 232 | 551 | 386 | 5 | 12 | 2 |
| Solyc11g072310.1.1 | 5.1794 | 0.165517 | 0.001242 | 0.007619 | 0 | 236 | 219 | 0 | 6 | 1 |
| Solyc07g043460.2.1 | 5.179936 | 4.323027 | 3.21E-05 | 0.000341 | 391 | 6526 | 2298 | 107 | 1 | 4 |
| Solyc01g090760.2.1 | 5.182954 | -0.8322 | 3.48E-05 | 0.000365 | 93 | 58 | 27 | 1 | 2 | 0 |
| Solyc12g005020.1.1 | 5.197839 | -0.33514 | 0.000856 | 0.005567 | 184 | 28 | 15 | 4 | 0 | 0 |
| Solyc10g083860.1.1 | 5.198277 | -0.69249 | 9.63E-06 | 0.000118 | 72 | 100 | 44 | 0 | 1 | 2 |
| Solyc09g065800.2.1 | 5.212244 | -1.3568 | 0.00137 | 0.00829 | 77 | 35 | 3 | 0 | 2 | 0 |
| Solyc10g055790.1.1 | 5.212674 | -0.86048 | 1.88E-05 | 0.000212 | 62 | 43 | 71 | 0 | 3 | 0 |
| Solyc07g006650.2.1 | 5.21421 | -1.16029 | 0.000121 | 0.001064 | 44 | 101 | 18 | 2 | 0 | 0 |
| Solyc09g075240.1.1 | 5.21827 | -1.86612 | 0.00038 | 0.002802 | 22 | 33 | 30 | 0 | 0 | 1 |
| Solyc04g009880.1.1 | 5.232361 | -1.98006 | 0.000212 | 0.001712 | 26 | 25 | 24 | 0 | 1 | 0 |
| Solyc12g096490.1.1 | 5.261434 | -0.06695 | 4.39E-06 | 5.97E-05 | 168 | 89 | 51 | 0 | 3 | 2 |
| Solyc03g116730.2.1 | 5.323196 | 3.377047 | 0.000825 | 0.005396 | 2879 | 18 | 27 | 42 | 5 | 6 |
| Solyc08g061560.2.1 | 5.335251 | 2.421645 | 4.57E-12 | 2.50E-10 | 297 | 1020 | 831 | 15 | 14 | 1 |
| Solyc06g009190.2.1 | 5.372842 | 3.79766 | 7.70E-08 | 1.69E-06 | 186 | 2803 | 2817 | 23 | 61 | 1 |
| Solyc08g075150.2.1 | 5.388533 | 0.398148 | 1.45E-06 | 2.29E-05 | 34 | 438 | 117 | 0 | 6 | 1 |
| Solyc01g014380.2.1 | 5.395105 | -0.0179 | 1.20E-05 | 0.000142 | 36 | 247 | 121 | 0 | 0 | 4 |
| Solyc12g098900.1.1 | 5.403511 | 1.883053 | 4.14E-05 | 0.000424 | 588 | 816 | 20 | 16 | 2 | 0 |
| Solyc09g007480.2.1 | 5.414448 | 1.639315 | 5.64E-12 | 3.05E-10 | 221 | 651 | 380 | 2 | 13 | 2 |
| Solyc12g009650.1.1 | 5.43947 | 5.971179 | 1.49E-05 | 0.000172 | 16900 | 543 | 600 | 192 | 65 | 48 |
| Solyc02g092050.2.1 | 5.445245 | -0.35685 | 0.001612 | 0.009488 | 0 | 150 | 157 | 0 | 4 | 0 |
| Solyc07g006620.2.1 | 5.453056 | 1.687646 | 1.45E-08 | 3.87E-07 | 492 | 319 | 296 | 0 | 16 | 2 |
| Solyc12g009930.1.1 | 5.463362 | 6.731125 | 3.18E-08 | 7.74E-07 | 396 | 26970 | 19440 | 91 | 349 | 127 |
| Solyc02g088190.2.1 | 5.470391 | 1.114679 | 3.51E-10 | 1.32E-08 | 236 | 291 | 260 | 7 | 2 | 1 |
| Solyc02g070230.1.1 | 5.556175 | 0.110236 | 1.15E-06 | 1.86E-05 | 78 | 200 | 133 | 0 | 0 | 4 |
| Solyc10g085610.1.1 | 5.559962 | 1.485265 | 2.81E-10 | 1.09E-08 | 213 | 563 | 338 | 0 | 12 | 2 |
| Solyc08g013670.2.1 | 5.566246 | 6.744107 | 1.78E-06 | 2.74E-05 | 26971 | 2866 | 2236 | 364 | 47 | 56 |
| Solyc09g061730.1.1 | 5.569092 | 0.369324 | 1.71E-05 | 0.000195 | 8 | 419 | 153 | 0 | 5 | 1 |
| Solyc08g067320.1.1 | 5.569914 | 1.020687 | 4.74E-05 | 0.000476 | 490 | 24 | 72 | 5 | 0 | 3 |
| Solyc05g007090.2.1 | 5.586518 | 0.378993 | 2.56E-08 | 6.39E-07 | 114 | 207 | 162 | 2 | 0 | 3 |
| Solyc06g074760.1.1 | 5.623219 | -0.93107 | 2.31E-06 | 3.41E-05 | 51 | 72 | 57 | 0 | 2 | 0 |
| Solyc11g012880.1.1 | 5.635031 | -1.65646 | 0.000104 | 0.000938 | 45 | 23 | 25 | 0 | 1 | 0 |
| Solyc08g082650.2.1 | 5.654237 | -1.50722 | 0.000344 | 0.00258 | 59 | 27 | 17 | 0 | 0 | 1 |
| Solyc11g066270.1.1 | 5.659126 | 1.243348 | 5.26E-07 | 9.40E-06 | 25 | 610 | 388 | 0 | 6 | 4 |
| Solyc10g084340.1.1 | 5.672331 | -0.0766 | 9.24E-08 | 1.99E-06 | 89 | 152 | 107 | 0 | 4 | 0 |
| Solyc09g018890.2.1 | 5.693193 | 3.35983 | 7.20E-07 | 1.24E-05 | 2585 | 327 | 171 | 28 | 14 | 2 |
| Solyc08g074480.1.1 | 5.704967 | 6.141108 | 1.76E-13 | 1.22E-11 | 9112 | 8215 | 8200 | 14 | 154 | 127 |
| Solyc04g024830.1.1 | 5.705691 | -1.56799 | 2.07E-05 | 0.00023 | 25 | 57 | 33 | 0 | 1 | 0 |
| Solyc04g076190.1.1 | 5.711203 | -1.63355 | 0.001665 | 0.009748 | 70 | 14 | 3 | 0 | 1 | 0 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-------|-------|-------|-----|-----|----|
| Solyc02g069390.1.1 | 5.74342 | -0.6245 | 9.46E-06 | 0.000116 | 31 | 107 | 101 | 0 | 0 | 2 |
| Solyc02g071030.1.1 | 5.772695 | 4.135817 | 1.03E-06 | 1.70E-05 | 3936 | 921 | 688 | 0 | 73 | 11 |
| Solyc12g056920.1.1 | 5.784049 | -1.39139 | 0.000185 | 0.001525 | 60 | 45 | 14 | 0 | 0 | 1 |
| Solyc05g005960.2.1 | 5.794958 | 3.035224 | 5.36E-19 | 7.67E-17 | 408 | 1717 | 1258 | 11 | 16 | 6 |
| Solyc11g066010.1.1 | 5.813323 | -1.47896 | 1.43E-05 | 0.000166 | 25 | 49 | 46 | 0 | 1 | 0 |
| Solyc02g071000.1.1 | 5.909601 | 2.799439 | 0.001305 | 0.007946 | 1952 | 12 | 5 | 20 | 5 | 0 |
| Solyc01g073990.2.1 | 5.913468 | -0.11584 | 3.34E-08 | 8.05E-07 | 64 | 138 | 138 | 0 | 2 | 1 |
| Solyc12g014140.1.1 | 5.921123 | 3.71747 | 1.42E-22 | 3.14E-20 | 1251 | 1523 | 2083 | 18 | 11 | 16 |
| Solyc10g008710.2.1 | 5.938306 | 0.378441 | 2.63E-08 | 6.55E-07 | 143 | 138 | 173 | 0 | 1 | 3 |
| Solyc03g031870.1.1 | 6.105439 | 1.423358 | 0.000457 | 0.003272 | 727 | 42 | 2 | 7 | 1 | 0 |
| Solyc07g032490.2.1 | 6.204579 | -1.14148 | 3.07E-06 | 4.36E-05 | 39 | 44 | 66 | 0 | 1 | 0 |
| Solyc01g073640.2.1 | 6.208499 | 5.842606 | 4.13E-10 | 1.52E-08 | 643 | 14706 | 10053 | 35 | 160 | 9 |
| Solyc12g017270.1.1 | 6.257837 | -2.85696 | 0.001495 | 0.008918 | 7 | 21 | 10 | 0 | 0 | 0 |
| Solyc06g064550.2.1 | 6.272815 | 1.001332 | 5.81E-10 | 2.08E-08 | 245 | 217 | 247 | 0 | 6 | 0 |
| Solyc06g054370.1.1 | 6.301578 | -2.83153 | 0.001441 | 0.008658 | 7 | 18 | 13 | 0 | 0 | 0 |
| Solyc07g043420.2.1 | 6.312472 | 8.132366 | 4.88E-13 | 3.13E-11 | 28828 | 82316 | 10863 | 539 | 129 | 84 |
| Solyc08g007330.2.1 | 6.345558 | 1.245141 | 7.50E-10 | 2.62E-08 | 65 | 539 | 391 | 0 | 3 | 3 |
| Solyc02g084850.2.1 | 6.355112 | 5.950264 | 4.42E-05 | 0.000448 | 112 | 32788 | 792 | 42 | 159 | 1 |
| Solyc09g082660.2.1 | 6.384328 | 1.677827 | 0.000352 | 0.002627 | 0 | 1339 | 253 | 0 | 10 | 0 |
| Solyc04g080250.2.1 | 6.395447 | -2.78595 | 0.001671 | 0.009777 | 16 | 14 | 7 | 0 | 0 | 0 |
| Solyc06g009710.2.1 | 6.454875 | -2.74248 | 0.001205 | 0.007429 | 12 | 10 | 16 | 0 | 0 | 0 |
| Solyc07g045570.1.1 | 6.483293 | -2.69582 | 0.001203 | 0.00742 | 5 | 21 | 18 | 0 | 0 | 0 |
| Solyc06g068170.1.1 | 6.506238 | -2.66297 | 0.001336 | 0.008109 | 7 | 35 | 7 | 0 | 0 | 0 |
| Solyc04g072700.2.1 | 6.522194 | 1.128402 | 2.68E-08 | 6.66E-07 | 223 | 694 | 33 | 3 | 2 | 0 |
| Solyc03g114940.2.1 | 6.544842 | 1.667596 | 7.22E-13 | 4.48E-11 | 179 | 528 | 544 | 0 | 3 | 4 |
| Solyc04g078200.2.1 | 6.589086 | -4.2354 | 1.14E-07 | 2.40E-06 | 78 | 4933 | 3402 | 0 | 34 | 13 |
| Solyc08g008050.2.1 | 6.595442 | -2.63988 | 0.000763 | 0.005055 | 16 | 13 | 13 | 0 | 0 | 0 |
| Solyc09g042670.2.1 | 6.633641 | -2.61452 | 0.001108 | 0.006924 | 13 | 8 | 21 | 0 | 0 | 0 |
| Solyc01g014560.2.1 | 6.639872 | -2.58536 | 0.001006 | 0.006368 | 15 | 29 | 5 | 0 | 0 | 0 |
| Solyc04g014970.1.1 | 6.651395 | -2.58758 | 0.000489 | 0.003467 | 13 | 18 | 15 | 0 | 0 | 0 |
| Solyc01g013900.2.1 | 6.684231 | -2.55491 | 0.000418 | 0.003041 | 10 | 22 | 17 | 0 | 0 | 0 |
| Solyc03g062710.2.1 | 6.706306 | 0.184703 | 7.32E-08 | 1.62E-06 | 188 | 71 | 107 | 2 | 0 | 0 |
| Solyc03g078810.2.1 | 6.74068 | -2.5254 | 0.000476 | 0.003389 | 18 | 19 | 11 | 0 | 0 | 0 |
| Solyc11g066580.1.1 | 6.749255 | 0.533966 | 0.000108 | 0.000967 | 0 | 514 | 162 | 0 | 3 | 0 |
| Solyc04g072320.1.1 | 6.776359 | -2.51849 | 0.001462 | 0.008762 | 27 | 13 | 5 | 0 | 0 | 0 |
| Solyc08g008480.2.1 | 6.790311 | -2.48842 | 0.000353 | 0.002632 | 16 | 16 | 17 | 0 | 0 | 0 |
| Solyc06g065450.2.1 | 6.790964 | -2.47477 | 0.000512 | 0.003597 | 7 | 19 | 26 | 0 | 0 | 0 |
| Solyc03g045070.1.1 | 6.840061 | -0.49757 | 2.42E-05 | 0.000263 | 156 | 36 | 19 | 1 | 0 | 0 |
| Solyc05g007010.1.1 | 6.871244 | 0.79289 | 1.11E-11 | 5.74E-10 | 213 | 214 | 195 | 0 | 2 | 1 |
| Solyc01g108060.1.1 | 6.879985 | -2.41875 | 0.000351 | 0.002623 | 21 | 22 | 10 | 0 | 0 | 0 |
| Solyc06g006090.1.1 | 6.88556 | -0.51768 | 1.44E-07 | 2.95E-06 | 70 | 75 | 95 | 0 | 1 | 0 |
| Solyc01g060350.1.1 | 6.909108 | -2.3947 | 0.000231 | 0.001842 | 18 | 20 | 16 | 0 | 0 | 0 |
| Solyc04g005210.1.1 | 6.929268 | -2.3528 | 0.000307 | 0.002347 | 7 | 37 | 19 | 0 | 0 | 0 |
| Solyc12g056200.1.1 | 6.982901 | -2.3548 | 0.001221 | 0.007505 | 18 | 4 | 29 | 0 | 0 | 0 |
| Solyc05g008240.2.1 | 7.014897 | -2.30455 | 0.000731 | 0.004873 | 5 | 15 | 39 | 0 | 0 | 0 |
| Solyc02g083520.2.1 | 7.041671 | -2.27504 | 0.00013 | 0.001131 | 14 | 35 | 16 | 0 | 0 | 0 |
| Solyc08g068190.2.1 | 7.044675 | -2.28678 | 0.000145 | 0.001242 | 20 | 24 | 16 | 0 | 0 | 0 |
| Solyc07g007420.2.1 | 7.063068 | -2.25382 | 0.000453 | 0.003256 | 4 | 29 | 33 | 0 | 0 | 0 |
| Solyc01g094360.2.1 | 7.066974 | -2.2545 | 0.000297 | 0.002279 | 6 | 27 | 32 | 0 | 0 | 0 |
| Solyc05g014710.2.1 | 7.07927 | -0.3358 | 1.38E-07 | 2.85E-06 | 20 | 152 | 139 | 0 | 1 | 0 |
| Solyc01g073780.2.1 | 7.081179 | -2.29233 | 0.00141 | 0.008494 | 38 | 9 | 5 | 0 | 0 | 0 |
| Solyc04g077380.2.1 | 7.084543 | -2.25471 | 0.000456 | 0.003271 | 26 | 32 | 5 | 0 | 0 | 0 |
| Solyc03g098490.1.1 | 7.094253 | -2.2272 | 0.000191 | 0.001564 | 7 | 36 | 26 | 0 | 0 | 0 |
| Solyc02g022890.1.1 | 7.122644 | -2.21484 | 8.68E-05 | 0.000801 | 15 | 32 | 20 | 0 | 0 | 0 |
| Solyc10g074680.1.1 | 7.130052 | -2.20754 | 8.71E-05 | 0.000803 | 15 | 34 | 19 | 0 | 0 | 0 |
| Solyc08g077070.2.1 | 7.188014 | -2.15303 | 0.000101 | 0.000909 | 10 | 41 | 23 | 0 | 0 | 0 |
| Solyc06g068130.2.1 | 7.282249 | 4.104108 | 8.39E-05 | 0.000779 | 0 | 5540 | 2556 | 0 | 28 | 2 |
| Solyc07g045580.1.1 | 7.330384 | -2.04611 | 8.77E-05 | 0.000807 | 10 | 31 | 36 | 0 | 0 | 0 |
| Solyc12g036370.1.1 | 7.33351 | -2.04334 | 4.95E-05 | 0.000495 | 14 | 36 | 28 | 0 | 0 | 0 |
| Solyc01g008390.1.1 | 7.333593 | -2.09009 | 0.001388 | 0.008386 | 48 | 10 | 3 | 0 | 0 | 0 |
| Solyc05g005170.2.1 | 7.339495 | -2.09006 | 0.001683 | 0.009834 | 47 | 3 | 9 | 0 | 0 | 0 |
| Solyc03g113260.1.1 | 7.344111 | -2.04924 | 0.000353 | 0.002634 | 34 | 36 | 4 | 0 | 0 | 0 |
| Solyc07g043500.1.1 | 7.359935 | 4.965299 | 3.23E-08 | 7.84E-07 | 31 | 8999 | 5304 | 9 | 4 | 23 |
| Solyc12g044320.1.1 | 7.36061 | -2.0141 | 6.47E-05 | 0.000623 | 10 | 44 | 29 | 0 | 0 | 0 |
| Solyc12g040870.1.1 | 7.371649 | -1.96678 | 0.001009 | 0.006383 | 3 | 94 | 6 | 0 | 0 | 0 |
| Solyc03g078800.2.1 | 7.381763 | -1.99941 | 4.58E-05 | 0.000463 | 18 | 49 | 17 | 0 | 0 | 0 |
| Solyc02g085590.2.1 | 7.428552 | -1.92143 | 0.001304 | 0.007943 | 6 | 99 | 2 | 0 | 0 | 0 |
| Solyc11g071290.1.1 | 7.438188 | 2.928158 | 5.85E-24 | 1.50E-21 | 789 | 1037 | 1045 | 4 | 1 | 4 |
| Solyc02g072550.1.1 | 7.445111 | -1.9251 | 0.000404 | 0.002949 | 2 | 69 | 27 | 0 | 0 | 0 |
| Solyc06g008390.2.1 | 7.446479 | -1.9571 | 3.63E-05 | 0.000378 | 26 | 39 | 17 | 0 | 0 | 0 |
| Solyc07g049430.2.1 | 7.453747 | -1.97918 | 0.000343 | 0.002577 | 46 | 17 | 7 | 0 | 0 | 0 |
| Solyc06g066710.1.1 | 7.464416 | -1.9138 | 0.00012 | 0.001058 | 6 | 69 | 23 | 0 | 0 | 0 |
| Solyc09g065350.1.1 | 7.47942 | -1.95763 | 0.000268 | 0.00209 | 46 | 16 | 9 | 0 | 0 | 0 |
| Solyc11g020860.1.1 | 7.509589 | -1.90569 | 2.29E-05 | 0.000251 | 21 | 32 | 31 | 0 | 0 | 0 |
| NCRNA_5_310 | 7.539814 | -1.88593 | 3.58E-05 | 0.000374 | 33 | 35 | 16 | 0 | 0 | 0 |
| Solyc01g090800.2.1 | 7.555526 | -1.851 | 6.45E-05 | 0.000622 | 7 | 50 | 39 | 0 | 0 | 0 |
| Solyc12g038350.1.1 | 7.574725 | -1.84742 | 1.64E-05 | 0.000188 | 23 | 43 | 25 | 0 | 0 | 0 |
| Solyc01g091180.2.1 | 7.646232 | -1.77339 | 2.37E-05 | 0.000259 | 12 | 64 | 29 | 0 | 0 | 0 |
| Solyc10g021280.1.1 | 7.687097 | -1.74957 | 1.24E-05 | 0.000147 | 17 | 46 | 37 | 0 | 0 | 0 |
| Solyc06g068550.2.1 | 7.687739 | -1.74587 | 1.80E-05 | 0.000204 | 13 | 49 | 40 | 0 | 0 | 0 |
| Solyc05g009950.2.1 | 7.700017 | 1.032002 | 1.00E-10 | 4.25E-09 | 47 | 492 | 334 | 0 | 2 | 0 |
| Solyc10g054820.1.1 | 7.707515 | 0.26603 | 7.98E-11 | 3.43E-09 | 89 | 205 | 167 | 0 | 1 | 0 |
| Solyc01g095940.2.1 | 7.710902 | -1.72313 | 2.13E-05 | 0.000236 | 11 | 55 | 40 | 0 | 0 | 0 |
| Solyc09g090090.1.1 | 7.736936 | -1.70179 | 1.35E-05 | 0.000158 | 14 | 58 | 36 | 0 | 0 | 0 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|------|-----|---|---|---|
| Solyc01g011230.2.1 | 7.810098 | -1.65922 | 1.07E-05 | 0.000129 | 39 | 35 | 25 | 0 | 0 | 0 |
| Solyc07g009450.1.1 | 7.87011 | -1.58554 | 0.001067 | 0.006689 | 0 | 49 | 68 | 0 | 0 | 0 |
| Solyc01g091870.2.1 | 7.883314 | -1.60657 | 5.01E-05 | 0.0005 | 57 | 30 | 11 | 0 | 0 | 0 |
| Solyc12g035400.1.1 | 7.953944 | -1.51455 | 4.53E-06 | 6.16E-05 | 21 | 80 | 28 | 0 | 0 | 0 |
| Solyc04g011870.1.1 | 7.961936 | -1.53586 | 0.000973 | 0.006191 | 62 | 46 | 0 | 0 | 0 | 0 |
| Solyc09g015030.1.1 | 8.015045 | -1.47822 | 3.73E-06 | 5.18E-05 | 43 | 50 | 25 | 0 | 0 | 0 |
| Solyc04g064610.2.1 | 8.072331 | 0.677786 | 1.85E-05 | 0.000209 | 430 | 12 | 14 | 1 | 0 | 0 |
| Solyc04g050730.2.1 | 8.15669 | 0.752381 | 4.04E-08 | 9.54E-07 | 387 | 60 | 66 | 1 | 0 | 0 |
| Solyc12g055970.1.1 | 8.165748 | -1.35717 | 6.81E-06 | 8.76E-05 | 62 | 31 | 26 | 0 | 0 | 0 |
| Solyc03g123580.2.1 | 8.202093 | -1.29479 | 7.34E-06 | 9.36E-05 | 9 | 92 | 55 | 0 | 0 | 0 |
| Solyc07g053900.2.1 | 8.266443 | -1.26524 | 2.77E-06 | 3.98E-05 | 62 | 37 | 31 | 0 | 0 | 0 |
| Solyc03g006880.2.1 | 8.271728 | -1.2258 | 0.000394 | 0.002887 | 0 | 110 | 61 | 0 | 0 | 0 |
| Solyc01g100910.2.1 | 8.282956 | -1.27307 | 0.001406 | 0.008482 | 101 | 12 | 0 | 0 | 0 | 0 |
| Solyc10g085280.1.1 | 8.317019 | -1.19534 | 3.40E-05 | 0.000359 | 3 | 81 | 80 | 0 | 0 | 0 |
| Solyc01g007800.2.1 | 8.34426 | -1.19675 | 2.86E-06 | 4.11E-05 | 56 | 24 | 54 | 0 | 0 | 0 |
| Solyc12g098590.1.1 | 8.349987 | 1.605981 | 5.03E-06 | 6.75E-05 | 0 | 1256 | 260 | 0 | 2 | 0 |
| Solyc01g007810.1.1 | 8.381475 | -1.17341 | 2.05E-05 | 0.000229 | 91 | 23 | 15 | 0 | 0 | 0 |
| Solyc12g088700.1.1 | 8.419512 | -1.11388 | 4.15E-07 | 7.61E-06 | 26 | 68 | 70 | 0 | 0 | 0 |
| Solyc02g032410.2.1 | 8.442988 | -1.08882 | 2.46E-07 | 4.80E-06 | 29 | 97 | 50 | 0 | 0 | 0 |
| Solyc01g079100.2.1 | 8.445287 | -1.09943 | 2.11E-06 | 3.16E-05 | 32 | 28 | 91 | 0 | 0 | 0 |
| Solyc08g067500.1.1 | 8.542333 | -0.97689 | 0.000281 | 0.002177 | 0 | 187 | 39 | 0 | 0 | 0 |
| Solyc08g078420.1.1 | 8.628384 | -0.92114 | 8.27E-06 | 0.000103 | 5 | 80 | 111 | 0 | 0 | 0 |
| Solyc05g005870.2.1 | 8.648469 | -0.94333 | 0.001522 | 0.009065 | 136 | 4 | 0 | 0 | 0 | 0 |
| Solyc06g082410.1.1 | 8.724208 | -0.83266 | 1.36E-07 | 2.80E-06 | 22 | 126 | 72 | 0 | 0 | 0 |
| Solyc01g108330.2.1 | 8.813801 | -0.75843 | 3.94E-08 | 9.35E-07 | 36 | 83 | 94 | 0 | 0 | 0 |
| Solyc02g079600.2.1 | 8.861966 | -0.71981 | 8.45E-07 | 1.42E-05 | 95 | 106 | 13 | 0 | 0 | 0 |
| Solyc03g026050.2.1 | 8.868397 | -0.70748 | 1.08E-07 | 2.29E-06 | 59 | 122 | 48 | 0 | 0 | 0 |
| Solyc02g077970.2.1 | 8.978379 | -0.57748 | 0.000329 | 0.002493 | 0 | 319 | 11 | 0 | 0 | 0 |
| Solyc11g007250.1.1 | 9.007438 | -0.58314 | 3.40E-08 | 8.19E-07 | 67 | 93 | 77 | 0 | 0 | 0 |
| Solyc07g014620.1.1 | 9.185455 | -0.40947 | 1.01E-07 | 2.16E-06 | 14 | 151 | 134 | 0 | 0 | 0 |
| Solyc08g078410.1.1 | 9.252813 | -0.35346 | 5.05E-06 | 6.77E-05 | 5 | 48 | 223 | 0 | 0 | 0 |
| Solyc12g009920.1.1 | 9.255529 | -0.3395 | 6.24E-07 | 1.09E-05 | 6 | 214 | 116 | 0 | 0 | 0 |
| Solyc03g025190.2.1 | 9.344746 | -0.25078 | 7.42E-07 | 1.27E-05 | 7 | 321 | 63 | 0 | 0 | 0 |
| Solyc08g069130.1.1 | 9.452605 | -0.18872 | 0.001444 | 0.00867 | 241 | 0 | 0 | 0 | 0 | 0 |
| Solyc09g091960.2.1 | 9.746763 | 0.119954 | 9.28E-09 | 2.59E-07 | 15 | 298 | 157 | 0 | 0 | 0 |
| Solyc06g072130.2.1 | 9.777692 | 0.162277 | 0.000149 | 0.001265 | 0 | 577 | 6 | 0 | 0 | 0 |
| Solyc12g044200.1.1 | 9.923299 | 0.281977 | 5.37E-10 | 1.93E-08 | 47 | 181 | 240 | 0 | 0 | 0 |
| Solyc01g090340.2.1 | 10.07776 | 0.438575 | 9.63E-08 | 2.07E-06 | 5 | 494 | 139 | 0 | 0 | 0 |
| Solyc01g107460.2.1 | 10.74814 | 1.08268 | 1.68E-10 | 6.73E-09 | 32 | 800 | 183 | 0 | 0 | 0 |
| Solyc12g088170.1.1 | 11.12209 | 1.448076 | 5.62E-07 | 9.94E-06 | 0 | 1069 | 269 | 0 | 0 | 0 |
| Solyc02g070970.1.1 | 12.15088 | 2.451585 | 1.04E-06 | 1.71E-05 | 1553 | 5 | 11 | 0 | 0 | 0 |

DE genes identified with pairwise correlation of *O. neolycopersici*- and mock-infected tomato leaf tissue.

| GeneID | logFC | logCPM | PValue | FDR | ONm1 | ONm2 | ONm3 | ON1 | ON2 | ON3 | | |
|--------------------|----------|----------|----------|----------|-------|-------|------|------|------|------|---------|----|
| Solyc10g085800.1.1 | -7.73092 | -1.754 | 6.17E-06 | 0.007916 | 0 | 0 | 0 | 15 | 37 | 36 | ON up | 1 |
| Solyc12g010170.1.1 | 1.429663 | 3.799572 | 8.25E-06 | 0.009689 | 976 | 1244 | 748 | 241 | 642 | 424 | ON down | 22 |
| Solyc12g005850.1.1 | 1.612131 | 6.924314 | 8.14E-09 | 2.74E-05 | 10244 | 9856 | 6463 | 2471 | 4154 | 3325 | | |
| Solyc06g053550.2.1 | 1.615667 | 7.433248 | 3.22E-06 | 0.004565 | 13413 | 16860 | 8085 | 2612 | 8710 | 3626 | | |
| Solyc01g095740.2.1 | 1.65864 | 5.507719 | 1.28E-10 | 6.91E-07 | 3567 | 3903 | 2583 | 918 | 1447 | 1257 | | |
| Solyc05g054660.1.1 | 1.683046 | 6.472682 | 7.77E-07 | 0.001308 | 8375 | 7250 | 4037 | 1900 | 3282 | 1724 | | |
| Solyc11g018740.1.1 | 1.773582 | 6.359719 | 1.09E-09 | 4.88E-06 | 6139 | 8657 | 3981 | 1160 | 2778 | 2528 | | |
| Solyc04g079430.2.1 | 1.897093 | 2.392105 | 6.00E-06 | 0.007916 | 290 | 607 | 325 | 73 | 158 | 149 | | |
| Solyc04g015970.2.1 | 1.979665 | 4.357257 | 3.46E-08 | 7.78E-05 | 1179 | 2731 | 1006 | 301 | 716 | 396 | | |
| Solyc04g074680.1.1 | 2.22707 | 3.036699 | 2.64E-07 | 0.000508 | 477 | 1175 | 385 | 92 | 172 | 232 | | |
| Solyc12g019980.1.1 | 2.233276 | 3.512992 | 1.73E-08 | 4.67E-05 | 968 | 1288 | 522 | 116 | 216 | 364 | | |
| Solyc02g037540.1.1 | 2.378996 | 3.01061 | 5.49E-09 | 2.11E-05 | 605 | 880 | 497 | 73 | 135 | 244 | | |
| Solyc01g095570.2.1 | 2.828918 | 7.259117 | 3.47E-08 | 7.78E-05 | 16831 | 20665 | 2742 | 1575 | 2814 | 1890 | | |
| Solyc03g112340.1.1 | 3.073511 | 2.690231 | 1.92E-06 | 0.002875 | 524 | 1103 | 130 | 86 | 63 | 55 | | |
| Solyc02g079950.2.1 | 3.309369 | 3.008074 | 2.23E-11 | 2.00E-07 | 893 | 1004 | 260 | 65 | 98 | 78 | | |
| Solyc09g005930.2.1 | 3.388209 | 1.59012 | 1.64E-08 | 4.67E-05 | 233 | 288 | 267 | 5 | 52 | 40 | | |
| Solyc06g011290.1.1 | 3.946297 | 1.639174 | 8.27E-06 | 0.009689 | 147 | 688 | 74 | 2 | 53 | 17 | | |
| Solyc12g005300.1.1 | 3.989107 | 2.102704 | 6.33E-07 | 0.001136 | 159 | 885 | 202 | 4 | 19 | 71 | | |
| NCRNA_9_267 | 4.683345 | 3.399859 | 1.69E-07 | 0.000351 | 1237 | 1725 | 104 | 46 | 69 | 7 | | |
| Solyc09g066490.2.1 | 4.868461 | 4.220067 | 2.41E-12 | 3.24E-08 | 1913 | 3387 | 204 | 56 | 65 | 79 | | |
| Solyc03g123740.2.1 | 5.227832 | 1.841789 | 7.53E-16 | 2.03E-11 | 320 | 562 | 157 | 9 | 15 | 6 | | |
| Solyc07g065640.2.1 | 8.723894 | 1.756516 | 2.96E-11 | 2.00E-07 | 341 | 668 | 18 | 2 | 0 | 0 | | |
| Solyc02g070770.2.1 | 9.632533 | -0.0238 | 1.02E-06 | 0.001615 | 97 | 194 | 1 | 0 | 0 | 0 | | |

DE genes identified with pairwise correlation of *P. infestans* - and mock-infected tomato leaf tissue.

| Gene ID | logFC | logCPM | PValue | FDR | Pim1 | Pim2 | Pim3 | Pi1 | Pi2 | Pi3 | | | |
|--------------------|----------|----------|----------|----------|------|------|------|-------|-------|------|----|---------|-----|
| Solyc07g062370.1.1 | -9.89317 | 0.441344 | 7.88E-09 | 1.53E-06 | 0 | 0 | 0 | 0 | 212 | 207 | 4 | Pi Up | 661 |
| Solyc02g085800.1.1 | -9.86693 | 0.409334 | 1.92E-10 | 6.72E-08 | 0 | 0 | 0 | 0 | 257 | 115 | 16 | Pi Down | 49 |
| Solyc02g036240.1.1 | -9.40284 | -0.03971 | 8.02E-10 | 2.08E-07 | 0 | 0 | 0 | 0 | 176 | 27 | 57 | | |
| NCRNA_6_224 | -9.09401 | -0.33203 | 8.14E-05 | 0.003759 | 0 | 0 | 0 | 0 | 198 | 0 | 9 | | |
| Solyc07g052130.1.1 | -8.93315 | -0.44697 | 2.00E-08 | 3.54E-06 | 0 | 0 | 0 | 0 | 62 | 152 | 15 | | |
| Solyc07g052450.1.1 | -8.89471 | -0.48559 | 5.98E-09 | 1.19E-06 | 0 | 0 | 0 | 0 | 76 | 130 | 12 | | |
| Solyc09g066400.1.1 | -8.80407 | 1.506435 | 5.69E-09 | 1.15E-06 | 1 | 0 | 0 | 0 | 644 | 176 | 12 | | |
| Solyc08g080660.1.1 | -8.57545 | 3.598801 | 6.02E-09 | 1.19E-06 | 4 | 0 | 1 | 1 | 197 | 4455 | 60 | | |
| Solyc11g006240.1.1 | -8.43962 | -0.89771 | 6.51E-07 | 6.85E-05 | 0 | 0 | 0 | 0 | 65 | 87 | 5 | | |
| Solyc12g056180.1.1 | -8.36988 | -1.00463 | 8.32E-06 | 0.00059 | 0 | 0 | 0 | 0 | 79 | 4 | 40 | | |
| Solyc01g073860.2.1 | -8.23484 | -1.08203 | 3.40E-07 | 3.89E-05 | 0 | 0 | 0 | 0 | 54 | 73 | 8 | | |
| Solyc05g055270.1.1 | -8.05869 | -1.25418 | 7.74E-08 | 1.08E-05 | 0 | 0 | 0 | 0 | 34 | 47 | 31 | | |
| Solyc07g052370.2.1 | -7.95619 | 2.710651 | 2.82E-09 | 6.09E-07 | 4 | 0 | 0 | 0 | 421 | 1933 | 34 | | |
| Solyc03g096180.2.1 | -7.68816 | -1.55906 | 1.53E-06 | 0.000142 | 0 | 0 | 0 | 0 | 11 | 56 | 25 | | |
| Solyc04g083140.1.1 | -7.66002 | 0.427715 | 2.56E-07 | 3.09E-05 | 1 | 0 | 0 | 0 | 69 | 389 | 9 | | |
| Solyc01g094160.1.1 | -7.64665 | -1.5674 | 1.18E-05 | 0.000787 | 0 | 0 | 0 | 0 | 11 | 76 | 10 | | |
| Solyc03g031450.2.1 | -7.54358 | -1.66769 | 2.07E-05 | 0.00126 | 0 | 0 | 0 | 0 | 28 | 54 | 4 | | |
| Solyc02g090470.2.1 | -7.53213 | -1.67652 | 5.15E-06 | 0.00039 | 0 | 0 | 0 | 0 | 19 | 58 | 9 | | |
| Solyc01g097060.2.1 | -7.44254 | -1.7779 | 3.68E-06 | 0.00029 | 0 | 0 | 0 | 0 | 33 | 31 | 10 | | |
| Solyc05g014300.1.1 | -7.36235 | -1.83892 | 3.75E-05 | 0.002037 | 0 | 0 | 0 | 0 | 36 | 31 | 4 | | |
| Solyc02g086850.1.1 | -7.33505 | -1.86682 | 1.82E-06 | 0.000164 | 0 | 0 | 0 | 0 | 22 | 32 | 15 | | |
| Solyc03g098560.1.1 | -7.26424 | -1.90303 | 2.02E-05 | 0.001236 | 0 | 0 | 0 | 0 | 21 | 43 | 6 | | |
| Solyc09g014720.1.1 | -7.23025 | 0.572335 | 1.52E-10 | 5.38E-08 | 0 | 0 | 2 | 207 | 238 | 20 | | | |
| Solyc07g061710.1.1 | -7.17636 | -1.99115 | 6.30E-06 | 0.000461 | 0 | 0 | 0 | 0 | 13 | 34 | 16 | | |
| Solyc02g080830.1.1 | -7.13765 | -2.00164 | 2.67E-05 | 0.001574 | 0 | 0 | 0 | 0 | 12 | 44 | 9 | | |
| Solyc07g049670.1.1 | -7.12866 | -2.03895 | 1.13E-05 | 0.000758 | 0 | 0 | 0 | 0 | 25 | 24 | 10 | | |
| Solyc03g005500.2.1 | -7.01867 | 1.746596 | 4.95E-23 | 7.84E-19 | 0 | 5 | 1 | 401 | 451 | 185 | | | |
| Solyc04g011480.2.1 | -6.98186 | 2.069511 | 1.02E-17 | 1.64E-14 | 0 | 6 | 2 | 485 | 791 | 105 | | | |
| Solyc11g008950.1.1 | -6.92061 | -2.16581 | 0.000129 | 0.005581 | 0 | 0 | 0 | 7 | 42 | 8 | | | |
| Solyc08g080310.1.1 | -6.85872 | 0.710279 | 8.29E-13 | 4.96E-10 | 0 | 0 | 3 | 156 | 327 | 46 | | | |
| Solyc05g055370.1.1 | -6.83121 | -2.2536 | 7.47E-05 | 0.003492 | 0 | 0 | 0 | 15 | 30 | 6 | | | |
| NCRNA_6_5 | -6.82425 | -2.25815 | 0.000135 | 0.005812 | 0 | 0 | 0 | 5 | 33 | 13 | | | |
| Solyc01g008610.2.1 | -6.81863 | -0.56347 | 7.75E-08 | 1.08E-05 | 0 | 1 | 0 | 100 | 82 | 12 | | | |
| Solyc12g015700.1.1 | -6.7492 | -2.32719 | 5.43E-05 | 0.002693 | 0 | 0 | 0 | 10 | 26 | 11 | | | |
| Solyc08g013920.2.1 | -6.72307 | -2.33942 | 0.000104 | 0.004677 | 0 | 0 | 0 | 14 | 27 | 6 | | | |
| Solyc06g075100.2.1 | -6.62565 | 1.35053 | 1.83E-16 | 2.38E-13 | 0 | 6 | 0 | 344 | 318 | 115 | | | |
| Solyc09g014460.1.1 | -6.58449 | -2.45951 | 0.000115 | 0.0051 | 0 | 0 | 0 | 15 | 19 | 7 | | | |
| Solyc03g044180.1.1 | -6.55944 | 3.096492 | 1.70E-20 | 5.78E-17 | 8 | 5 | 5 | 1028 | 1469 | 280 | | | |
| Solyc03g118000.1.1 | -6.4786 | 3.087065 | 2.78E-19 | 7.58E-16 | 8 | 8 | 3 | 1133 | 1323 | 263 | | | |
| Solyc01g087960.1.1 | -6.43716 | -0.18287 | 3.84E-08 | 6.08E-06 | 0 | 2 | 0 | 132 | 113 | 14 | | | |
| Solyc10g054350.1.1 | -6.30946 | -0.32562 | 2.35E-06 | 0.0002 | 0 | 1 | 1 | 173 | 18 | 19 | | | |
| Solyc06g061210.2.1 | -6.29896 | 1.364497 | 3.62E-09 | 7.70E-07 | 0 | 8 | 0 | 260 | 577 | 28 | | | |
| Solyc07g056100.1.1 | -5.99646 | -0.57595 | 6.23E-09 | 1.22E-06 | 0 | 2 | 0 | 73 | 93 | 27 | | | |
| Solyc02g067600.1.1 | -5.95822 | -0.32801 | 7.30E-07 | 7.53E-05 | 2 | 0 | 0 | 61 | 162 | 22 | | | |
| Solyc04g012100.1.1 | -5.78685 | -1.46717 | 3.07E-06 | 0.00025 | 0 | 0 | 1 | 38 | 46 | 12 | | | |
| Solyc01g087280.1.1 | -5.60097 | 0.223055 | 7.36E-08 | 1.05E-05 | 1 | 4 | 0 | 219 | 56 | 43 | | | |
| Solyc11g065910.1.1 | -5.5454 | -1.66109 | 1.54E-05 | 0.000973 | 0 | 1 | 0 | 20 | 54 | 11 | | | |
| Solyc11g069560.1.1 | -5.47644 | 2.13741 | 3.51E-07 | 3.97E-05 | 0 | 27 | 0 | 581 | 748 | 82 | | | |
| Solyc02g081370.2.1 | -5.45028 | 0.574576 | 3.72E-10 | 1.11E-07 | 2 | 0 | 5 | 150 | 82 | 169 | | | |
| Solyc02g077570.1.1 | -5.42169 | -0.07764 | 9.09E-07 | 8.97E-05 | 2 | 2 | 0 | 167 | 66 | 27 | | | |
| Solyc08g023510.1.1 | -5.3722 | 4.48723 | 2.48E-10 | 7.94E-08 | 23 | 96 | 4 | 2003 | 5050 | 570 | | | |
| Solyc11g072920.1.1 | -5.30264 | -0.16893 | 1.30E-05 | 0.000852 | 0 | 5 | 0 | 118 | 142 | 7 | | | |
| Solyc02g089920.1.1 | -5.28205 | -0.77709 | 4.81E-07 | 5.28E-05 | 0 | 1 | 2 | 86 | 34 | 32 | | | |
| Solyc02g036220.1.1 | -5.27245 | 0.203607 | 2.21E-06 | 0.00019 | 0 | 7 | 0 | 226 | 65 | 26 | | | |
| Solyc02g068460.1.1 | -5.26455 | -0.21988 | 9.56E-06 | 0.000659 | 0 | 5 | 0 | 169 | 34 | 25 | | | |
| Solyc04g011750.2.1 | -5.26338 | -0.3406 | 2.79E-05 | 0.001619 | 3 | 0 | 0 | 79 | 141 | 16 | | | |
| Solyc08g029000.2.1 | -5.25931 | 7.739473 | 2.19E-08 | 3.78E-06 | 262 | 910 | 50 | 15455 | 57017 | 3172 | | | |
| Solyc09g066350.1.1 | -5.25142 | -1.23327 | 5.28E-05 | 0.002643 | 0 | 0 | 2 | 45 | 69 | 5 | | | |
| Solyc04g079260.2.1 | -5.2332 | 4.46999 | 2.39E-11 | 1.12E-08 | 26 | 102 | 4 | 1925 | 4482 | 922 | | | |
| Solyc07g056610.1.1 | -5.10268 | -1.36305 | 4.14E-05 | 0.002179 | 0 | 2 | 0 | 9 | 73 | 26 | | | |
| Solyc07g040710.2.1 | -5.05871 | 3.755863 | 2.75E-12 | 1.56E-09 | 7 | 91 | 8 | 1630 | 2067 | 555 | | | |
| Solyc10g050880.1.1 | -5.02984 | 3.816082 | 6.44E-22 | 3.51E-18 | 20 | 26 | 49 | 1775 | 2122 | 526 | | | |
| Solyc08g007090.1.1 | -4.9973 | -0.70711 | 2.63E-05 | 0.001556 | 0 | 4 | 0 | 89 | 73 | 9 | | | |
| Solyc10g079320.1.1 | -4.96652 | 1.192701 | 1.96E-06 | 0.000174 | 6 | 4 | 3 | 334 | 22 | 235 | | | |
| Solyc04g025530.2.1 | -4.93945 | 5.445416 | 2.21E-21 | 1.00E-17 | 29 | 257 | 83 | 4584 | 7523 | 1873 | | | |
| Solyc03g005520.1.1 | -4.93008 | -0.17556 | 1.01E-06 | 9.88E-05 | 3 | 0 | 2 | 99 | 126 | 31 | | | |
| Solyc01g107400.2.1 | -4.92972 | -0.49495 | 6.14E-06 | 0.000454 | 0 | 3 | 2 | 110 | 79 | 10 | | | |
| Solyc10g018340.1.1 | -4.88057 | 2.590114 | 1.80E-09 | 4.21E-07 | 2 | 49 | 3 | 696 | 987 | 217 | | | |
| Solyc02g062300.2.1 | -4.83545 | 3.278303 | 1.28E-06 | 0.000121 | 19 | 28 | 21 | 462 | 3035 | 31 | | | |
| Solyc10g076240.1.1 | -4.82207 | 2.431197 | 2.77E-06 | 0.00023 | 18 | 0 | 10 | 677 | 966 | 85 | | | |
| Solyc09g013150.2.1 | -4.79992 | 4.112897 | 1.01E-22 | 9.17E-19 | 21 | 55 | 70 | 2267 | 2559 | 584 | | | |
| Solyc10g076370.1.1 | -4.79831 | -0.24453 | 5.05E-05 | 0.002556 | 0 | 7 | 0 | 167 | 39 | 18 | | | |
| Solyc01g095080.2.1 | -4.76606 | 4.123513 | 4.01E-07 | 4.48E-05 | 1 | 173 | 12 | 2081 | 2657 | 720 | | | |
| Solyc07g052140.2.1 | -4.75209 | 4.237827 | 0.000192 | 0.007755 | 42 | 9 | 82 | 683 | 6310 | 12 | | | |
| Solyc05g050350.1.1 | -4.73323 | 5.521222 | 5.76E-23 | 7.84E-19 | 79 | 210 | 88 | 4868 | 8131 | 1752 | | | |
| Solyc02g087070.2.1 | -4.72693 | 4.827691 | 5.28E-20 | 1.60E-16 | 35 | 122 | 98 | 3233 | 5269 | 721 | | | |
| Solyc09g098010.2.1 | -4.70936 | -1.13333 | 2.92E-05 | 0.001675 | 1 | 0 | 2 | 18 | 81 | 28 | | | |
| Solyc11g072930.1.1 | -4.70897 | 1.321983 | 5.37E-09 | 1.09E-06 | 6 | 10 | 3 | 410 | 257 | 63 | | | |
| Solyc06g068900.2.1 | -4.67419 | 0.499115 | 9.10E-05 | 0.004159 | 0 | 14 | 0 | 295 | 66 | 24 | | | |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|-----|------|-----|-------|-------|------|
| Solyc01g106510.2.1 | -4.66775 | -0.03166 | 3.77E-05 | 0.00204 | 0 | 0 | 9 | 182 | 63 | 21 |
| Solyc09g009980.1.1 | -4.65471 | 0.243849 | 2.02E-07 | 2.50E-05 | 0 | 2 | 9 | 162 | 150 | 33 |
| Solyc02g094270.1.1 | -4.64589 | -1.31045 | 5.29E-05 | 0.002643 | 0 | 3 | 0 | 22 | 77 | 14 |
| Solyc02g068470.1.1 | -4.64104 | 1.433482 | 5.40E-08 | 8.11E-06 | 8 | 8 | 4 | 451 | 294 | 50 |
| Solyc07g052120.2.1 | -4.64079 | 2.301432 | 3.27E-08 | 5.24E-06 | 4 | 40 | 5 | 506 | 1042 | 74 |
| Solyc04g064880.2.1 | -4.61835 | 7.034537 | 5.57E-05 | 0.002756 | 179 | 1094 | 2 | 15169 | 22702 | 4124 |
| Solyc03g005040.1.1 | -4.57603 | 1.229278 | 6.05E-10 | 1.65E-07 | 1 | 19 | 4 | 322 | 282 | 89 |
| Solyc05g012660.1.1 | -4.57007 | 2.433987 | 2.78E-14 | 2.61E-11 | 9 | 32 | 10 | 697 | 748 | 203 |
| Solyc02g080090.1.1 | -4.54591 | 0.176251 | 6.63E-08 | 9.66E-06 | 2 | 7 | 1 | 123 | 176 | 36 |
| Solyc08g078650.2.1 | -4.53467 | 5.247909 | 1.18E-11 | 5.97E-09 | 95 | 196 | 30 | 5867 | 4019 | 1452 |
| Solyc01g073800.2.1 | -4.48614 | -0.66593 | 5.21E-05 | 0.00262 | 0 | 6 | 0 | 35 | 141 | 15 |
| Solyc02g068670.1.1 | -4.4328 | 2.330804 | 7.93E-18 | 1.54E-14 | 6 | 31 | 18 | 425 | 872 | 275 |
| Solyc09g011540.2.1 | -4.4225 | 1.687635 | 2.81E-09 | 6.09E-07 | 2 | 9 | 26 | 503 | 378 | 76 |
| Solyc07g039570.2.1 | -4.41394 | 2.274891 | 2.03E-08 | 3.57E-06 | 10 | 37 | 2 | 405 | 1016 | 151 |
| Solyc11g005840.1.1 | -4.40249 | 2.794592 | 1.01E-17 | 1.64E-14 | 16 | 29 | 25 | 372 | 1305 | 510 |
| Solyc04g040130.1.1 | -4.3915 | 4.985111 | 1.41E-20 | 5.49E-17 | 50 | 220 | 85 | 2288 | 6558 | 1493 |
| Solyc07g056210.2.1 | -4.36304 | 5.028728 | 1.02E-17 | 1.64E-14 | 62 | 217 | 79 | 4134 | 4955 | 1070 |
| Solyc07g051950.2.1 | -4.32732 | 0.932409 | 3.51E-07 | 3.97E-05 | 2 | 18 | 2 | 158 | 409 | 43 |
| Solyc03g096190.1.1 | -4.32092 | 1.791438 | 1.49E-09 | 3.68E-07 | 6 | 29 | 4 | 461 | 467 | 112 |
| Solyc03g121190.2.1 | -4.31873 | 1.353355 | 1.51E-09 | 3.71E-07 | 6 | 19 | 2 | 295 | 359 | 109 |
| Solyc04g054950.2.1 | -4.29643 | 2.857955 | 1.97E-08 | 3.50E-06 | 26 | 9 | 30 | 566 | 1680 | 164 |
| Solyc02g020030.1.1 | -4.27562 | -0.00752 | 0.000157 | 0.00651 | 0 | 3 | 9 | 53 | 263 | 7 |
| Solyc11g007470.1.1 | -4.25876 | 1.777585 | 2.05E-07 | 2.51E-05 | 13 | 19 | 0 | 446 | 375 | 173 |
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| Solyc03g019690.1.1 | -4.19098 | -1.38124 | 0.000116 | 0.00514 | 0 | 4 | 0 | 22 | 63 | 18 |
| Solyc01g080570.2.1 | -4.18508 | 4.225948 | 5.89E-10 | 1.62E-07 | 68 | 105 | 12 | 1547 | 3185 | 1100 |
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| Solyc11g072140.1.1 | -4.12482 | 0.036797 | 6.84E-07 | 7.16E-05 | 1 | 12 | 0 | 76 | 141 | 74 |
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| Solyc10g078220.1.1 | -4.04842 | 4.804745 | 0.000174 | 0.007133 | 8 | 463 | 7 | 1362 | 7192 | 935 |
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| Solyc06g034370.1.1 | -3.87708 | -0.37035 | 9.20E-07 | 9.05E-05 | 1 | 7 | 3 | 56 | 128 | 37 |
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| Solyc01g073830.1.1 | -3.86564 | -0.73484 | 4.57E-05 | 0.002365 | 3 | 2 | 2 | 35 | 107 | 27 |
| Solyc01g109140.2.1 | -3.85883 | 4.180731 | 1.72E-05 | 0.001075 | 59 | 183 | 15 | 1372 | 4611 | 156 |
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| Solyc02g067700.1.1 | -3.75765 | 0.625203 | 5.46E-06 | 0.000406 | 7 | 6 | 8 | 241 | 156 | 33 |
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| Solyc12g088000.1.1 | -3.68297 | -1.44037 | 0.000252 | 0.009666 | 1 | 0 | 4 | 20 | 52 | 22 |
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| Solyc11g007450.1.1 | -3.6543 | 0.637143 | 1.71E-08 | 3.08E-06 | 2 | 11 | 15 | 199 | 145 | 82 |
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| Solyc07g066550.2.1 | -3.47562 | 3.056167 | 9.01E-12 | 4.63E-09 | 26 | 91 | 47 | 669 | 1604 | 312 |
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| Solyc12g100270.1.1 | -3.24948 | 3.40418 | 1.51E-08 | 2.76E-06 | 38 | 155 | 49 | 715 | 2293 | 332 |
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| Solyc06g076910.1.1 | -3.20741 | 0.047233 | 2.91E-05 | 0.001675 | 0 | 14 | 12 | 90 | 162 | 39 |
| Solyc12g100260.1.1 | -3.20502 | 3.459261 | 3.95E-06 | 0.000309 | 22 | 239 | 29 | 511 | 2460 | 500 |
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| Solyc01g096720.2.1 | -3.16708 | 2.94808 | 5.23E-06 | 0.000393 | 46 | 68 | 44 | 1447 | 431 | 179 |
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| Solyc02g031990.1.1 | -3.12845 | 3.382327 | 2.30E-10 | 7.63E-08 | 21 | 133 | 132 | 1121 | 1588 | 360 |
| Solyc05g010000.1.1 | -3.12782 | 0.962421 | 3.38E-05 | 0.001875 | 5 | 4 | 40 | 256 | 180 | 87 |
| Solyc10g076480.1.1 | -3.12683 | 5.722384 | 3.13E-10 | 9.58E-08 | 331 | 560 | 203 | 6466 | 6388 | 2212 |
| Solyc06g036420.1.1 | -3.12667 | 0.680551 | 1.67E-06 | 0.000153 | 2 | 19 | 21 | 170 | 224 | 57 |
| Solyc04g024780.1.1 | -3.12454 | 0.691754 | 3.25E-05 | 0.001814 | 2 | 33 | 8 | 146 | 278 | 46 |
| Solyc03g098740.1.1 | -3.11922 | 6.117079 | 3.26E-05 | 0.001818 | 111 | 1822 | 94 | 7878 | 8945 | 3128 |
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| Solyc09g014820.2.1 | -3.08116 | 0.280651 | 5.77E-05 | 0.002836 | 1 | 26 | 6 | 105 | 193 | 45 |
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| Solyc12g005940.1.1 | -3.05023 | 3.725685 | 4.08E-07 | 4.54E-05 | 90 | 129 | 64 | 2081 | 1162 | 385 |
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| Solyc11g068940.1.1 | -3.02095 | 2.324652 | 1.54E-09 | 3.75E-07 | 18 | 60 | 56 | 375 | 924 | 199 |
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| Solyc08g068720.1.1 | -2.98179 | 0.319037 | 1.83E-05 | 0.001127 | 4 | 18 | 11 | 175 | 98 | 49 |
| Solyc03g114230.1.1 | -2.97023 | 3.175073 | 7.05E-06 | 0.000508 | 64 | 22 | 116 | 699 | 1754 | 286 |
| Solyc06g074140.1.1 | -2.96873 | 3.854686 | 0.000155 | 0.006481 | 87 | 11 | 250 | 1457 | 2426 | 410 |
| Solyc07g063710.1.1 | -2.94892 | 1.384623 | 7.57E-05 | 0.003529 | 18 | 12 | 30 | 186 | 558 | 50 |

| | | | | | | | | | | |
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| Solyc02g077370.1.1 | -2.93429 | 4.696575 | 3.94E-12 | 2.15E-09 | 86 | 513 | 172 | 2163 | 4002 | 1363 |
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| Solyc01g010060.2.1 | -2.91574 | 3.513248 | 1.70E-07 | 2.16E-05 | 48 | 237 | 41 | 1289 | 1431 | 492 |
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| Solyc10g008730.2.1 | -2.90138 | 2.790255 | 2.41E-08 | 3.96E-06 | 41 | 98 | 41 | 824 | 837 | 268 |
| Solyc11g069220.1.1 | -2.90065 | 1.612142 | 3.78E-09 | 7.91E-07 | 16 | 37 | 29 | 263 | 412 | 174 |
| Solyc02g082950.2.1 | -2.89797 | 2.669872 | 4.91E-08 | 7.48E-06 | 42 | 54 | 63 | 707 | 908 | 202 |
| Solyc07g049550.2.1 | -2.89077 | 5.915388 | 3.56E-06 | 0.000283 | 451 | 316 | 644 | 5515 | 12071 | 955 |
| Solyc07g062630.1.1 | -2.88912 | 0.714613 | 4.68E-07 | 5.16E-05 | 9 | 14 | 20 | 137 | 216 | 93 |
| Solyc08g068600.2.1 | -2.88387 | 5.893974 | 4.80E-11 | 2.11E-08 | 191 | 1160 | 501 | 6799 | 8009 | 2169 |
| Solyc08g075550.2.1 | -2.87963 | 4.80916 | 3.82E-13 | 2.74E-10 | 138 | 471 | 183 | 3111 | 3198 | 1462 |
| Solyc09g091670.2.1 | -2.87415 | 5.57515 | 5.97E-05 | 0.002896 | 96 | 1424 | 84 | 4126 | 7766 | 2071 |
| Solyc01g107390.2.1 | -2.87122 | 2.974612 | 2.93E-07 | 3.44E-05 | 65 | 55 | 60 | 1001 | 842 | 312 |
| Solyc11g010210.1.1 | -2.85613 | 1.117774 | 4.31E-06 | 0.000334 | 5 | 30 | 32 | 196 | 367 | 62 |
| Solyc08g066020.1.1 | -2.84512 | 3.942338 | 6.45E-06 | 0.000471 | 139 | 92 | 105 | 1750 | 2399 | 331 |
| Solyc12g056600.2.1 | -2.84189 | 4.828691 | 4.35E-06 | 0.000336 | 275 | 104 | 210 | 3737 | 1619 | 1963 |
| Solyc01g005800.2.1 | -2.8403 | 0.446336 | 0.000107 | 0.004751 | 7 | 12 | 18 | 205 | 109 | 37 |
| Solyc06g073760.2.1 | -2.83741 | 3.575476 | 3.85E-06 | 0.000302 | 86 | 170 | 45 | 1482 | 1605 | 301 |
| Solyc12g009520.1.1 | -2.83263 | 3.963049 | 1.85E-09 | 4.23E-07 | 104 | 209 | 98 | 1503 | 2410 | 594 |
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| Solyc02g092820.2.1 | -2.80541 | 3.962645 | 6.79E-08 | 9.79E-06 | 54 | 367 | 83 | 1732 | 2003 | 641 |
| Solyc02g082910.2.1 | -2.80128 | 5.522192 | 3.72E-05 | 0.002025 | 497 | 306 | 100 | 5208 | 5657 | 1976 |
| Solyc10g079810.1.1 | -2.80032 | 2.96565 | 4.79E-10 | 1.35E-07 | 51 | 99 | 64 | 731 | 1083 | 382 |
| Solyc04g016230.2.1 | -2.78962 | 3.360734 | 1.19E-06 | 0.000114 | 77 | 74 | 114 | 1429 | 1153 | 256 |
| Solyc03g116900.2.1 | -2.78872 | 8.270929 | 4.35E-14 | 3.83E-11 | 1374 | 5009 | 3250 | 35311 | 37247 | 13536 |
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| Solyc03g094120.2.1 | -2.77127 | 3.876162 | 3.94E-05 | 0.002108 | 24 | 460 | 50 | 1730 | 1492 | 755 |
| Solyc07g055400.1.1 | -2.77125 | 2.420199 | 3.11E-07 | 3.61E-05 | 28 | 65 | 66 | 243 | 1149 | 228 |
| Solyc09g057960.1.1 | -2.77036 | 1.117927 | 0.000114 | 0.005077 | 18 | 23 | 13 | 156 | 430 | 52 |
| Solyc04g076730.1.1 | -2.76875 | 1.654952 | 1.97E-06 | 0.000174 | 26 | 17 | 37 | 312 | 377 | 164 |
| Solyc12g006380.1.1 | -2.75388 | 3.31116 | 2.22E-06 | 0.00019 | 87 | 73 | 84 | 1429 | 900 | 332 |
| Solyc06g066630.1.1 | -2.75226 | 1.920505 | 1.16E-06 | 0.000112 | 28 | 39 | 35 | 257 | 705 | 145 |
| Solyc03g080190.2.1 | -2.7425 | 5.423284 | 2.10E-06 | 0.000182 | 376 | 498 | 186 | 3218 | 8483 | 1249 |
| Solyc01g079140.2.1 | -2.74183 | 3.040245 | 1.82E-07 | 2.28E-05 | 54 | 121 | 60 | 1112 | 824 | 287 |
| Solyc02g093250.2.1 | -2.73761 | 3.84234 | 8.23E-10 | 2.12E-07 | 60 | 241 | 166 | 1813 | 1653 | 491 |
| Solyc05g012180.2.1 | -2.73488 | 3.646578 | 6.15E-10 | 1.65E-07 | 61 | 184 | 149 | 1454 | 1636 | 419 |
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| Solyc01g086680.2.1 | -2.7312 | 2.185286 | 1.45E-05 | 0.000931 | 15 | 114 | 24 | 546 | 580 | 135 |
| Solyc03g005480.2.1 | -2.72828 | 1.206297 | 4.03E-05 | 0.002138 | 20 | 26 | 13 | 257 | 302 | 72 |
| Solyc08g080130.2.1 | -2.72695 | 7.585964 | 1.24E-11 | 6.14E-09 | 1316 | 2305 | 1834 | 19930 | 27216 | 7444 |
| Solyc03g119370.1.1 | -2.72115 | 3.519858 | 2.31E-08 | 3.86E-06 | 43 | 191 | 151 | 1373 | 1541 | 316 |
| Solyc07g017880.2.1 | -2.71852 | 2.629724 | 3.87E-05 | 0.002086 | 52 | 17 | 91 | 844 | 550 | 247 |
| Solyc06g035810.1.1 | -2.70806 | 0.595418 | 2.26E-05 | 0.001355 | 9 | 19 | 16 | 86 | 277 | 65 |
| Solyc10g007280.2.1 | -2.70617 | 7.251182 | 2.00E-07 | 2.49E-05 | 1418 | 1585 | 740 | 16113 | 20161 | 6453 |
| Solyc09g075920.1.1 | -2.70314 | 4.400869 | 2.71E-14 | 2.61E-11 | 94 | 377 | 227 | 1679 | 3185 | 1136 |
| Solyc11g007890.1.1 | -2.67325 | 2.301251 | 5.40E-06 | 0.000403 | 35 | 21 | 87 | 396 | 810 | 201 |
| Solyc09g090970.2.1 | -2.66301 | 2.127901 | 1.13E-05 | 0.000757 | 19 | 111 | 17 | 250 | 718 | 269 |
| Solyc08g006470.2.1 | -2.66294 | 4.213532 | 4.96E-05 | 0.002521 | 204 | 96 | 122 | 2573 | 2005 | 486 |
| Solyc08g068770.1.1 | -2.6622 | 6.584746 | 2.28E-08 | 3.86E-06 | 350 | 2439 | 645 | 8955 | 14524 | 3904 |
| Solyc09g005560.2.1 | -2.66016 | 1.97956 | 1.17E-05 | 0.00078 | 8 | 99 | 39 | 538 | 325 | 166 |
| Solyc05g053600.2.1 | -2.65688 | 6.33829 | 6.79E-08 | 9.79E-06 | 633 | 735 | 927 | 9376 | 11636 | 2006 |
| Solyc06g069130.2.1 | -2.65602 | 3.725551 | 2.06E-07 | 2.52E-05 | 33 | 339 | 123 | 1475 | 1640 | 536 |
| Solyc08g062360.2.1 | -2.6458 | 5.908911 | 2.13E-10 | 7.27E-08 | 229 | 1473 | 451 | 5328 | 8130 | 3280 |
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| Solyc01g073820.2.1 | -2.63486 | 1.898942 | 3.58E-07 | 4.03E-05 | 14 | 84 | 32 | 254 | 578 | 211 |
| Solyc04g016000.2.1 | -2.63442 | 3.367943 | 1.60E-08 | 2.91E-06 | 42 | 154 | 166 | 912 | 1755 | 323 |
| Solyc01g073840.1.1 | -2.62193 | 0.2839 | 0.000101 | 0.004547 | 4 | 20 | 17 | 141 | 144 | 35 |
| Solyc09g011630.2.1 | -2.60343 | 3.91553 | 2.38E-11 | 1.12E-08 | 85 | 195 | 225 | 1279 | 2370 | 641 |
| Solyc05g044490.2.1 | -2.60285 | 1.471086 | 9.31E-05 | 0.004228 | 23 | 39 | 18 | 246 | 481 | 64 |
| Solyc02g062550.2.1 | -2.60159 | 3.453567 | 2.81E-09 | 6.09E-07 | 54 | 235 | 91 | 1202 | 1154 | 575 |
| Solyc03g123680.1.1 | -2.60075 | 4.567501 | 6.63E-05 | 0.00319 | 279 | 176 | 90 | 2769 | 3068 | 744 |
| Solyc09g007730.2.1 | -2.60038 | 2.345277 | 1.07E-07 | 1.42E-05 | 24 | 60 | 91 | 412 | 845 | 192 |
| Solyc09g091540.1.1 | -2.5984 | 2.180844 | 6.18E-06 | 0.000455 | 27 | 37 | 84 | 224 | 284 | 601 |
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| Solyc02g090110.2.1 | -2.58841 | 5.911885 | 2.93E-11 | 1.35E-08 | 395 | 914 | 643 | 6194 | 8553 | 2176 |
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| Solyc01g079940.2.1 | -2.52414 | 2.71802 | 1.52E-07 | 1.95E-05 | 41 | 99 | 86 | 558 | 1096 | 218 |
| Solyc09g011550.2.1 | -2.52275 | 3.938398 | 1.62E-06 | 0.00015 | 44 | 448 | 127 | 1072 | 2677 | 662 |
| Solyc09g011260.1.1 | -2.51156 | 2.142012 | 2.23E-05 | 0.001341 | 41 | 67 | 24 | 497 | 525 | 162 |
| Solyc04g054690.2.1 | -2.50634 | 3.622421 | 6.30E-06 | 0.000461 | 77 | 295 | 60 | 1258 | 1776 | 401 |
| Solyc02g031790.1.1 | -2.49357 | 4.178495 | 3.34E-10 | 1.01E-07 | 120 | 297 | 213 | 1978 | 2262 | 697 |
| Solyc08g028780.1.1 | -2.4903 | 3.404115 | 1.73E-08 | 3.09E-06 | 54 | 202 | 138 | 713 | 1911 | 428 |
| Solyc04g064870.2.1 | -2.48544 | 6.625528 | 3.99E-10 | 1.16E-07 | 388 | 2409 | 1139 | 7781 | 15544 | 4548 |
| Solyc12g036390.1.1 | -2.48138 | 5.458755 | 3.56E-09 | 7.64E-07 | 301 | 808 | 422 | 5402 | 4990 | 1485 |
| Solyc01g095960.2.1 | -2.47885 | 3.834353 | 1.30E-05 | 0.000852 | 111 | 86 | 273 | 762 | 3032 | 466 |
| Solyc06g008620.1.1 | -2.47679 | 1.383214 | 2.26E-05 | 0.001355 | 12 | 59 | 26 | 198 | 448 | 87 |
| Solyc12g056360.1.1 | -2.4694 | 3.667091 | 1.37E-08 | 1.05E-05 | 99 | 236 | 91 | 1289 | 1580 | 570 |
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| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|-------|------|-------|-------|-------|
| Solyc02g080080.2.1 | -2.46142 | 6.191701 | 4.67E-07 | 5.16E-05 | 553 | 1505 | 438 | 8039 | 9724 | 2388 |
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| Solyc11g005350.1.1 | -2.43398 | 3.252309 | 4.79E-05 | 0.002452 | 112 | 82 | 70 | 1198 | 995 | 327 |
| Solyc04g071070.2.1 | -2.43023 | 1.424426 | 0.000193 | 0.007785 | 21 | 56 | 14 | 193 | 478 | 85 |
| Solyc08g077330.2.1 | -2.42638 | 5.726923 | 3.96E-05 | 0.002114 | 476 | 1059 | 193 | 7478 | 4458 | 1830 |
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| Solyc09g007520.2.1 | -2.4249 | 4.51396 | 7.21E-06 | 0.000517 | 192 | 425 | 152 | 2847 | 2840 | 539 |
| Solyc10g076780.1.1 | -2.42478 | 3.030769 | 1.84E-06 | 0.000165 | 79 | 82 | 97 | 863 | 1060 | 293 |
| Solyc04g074780.2.1 | -2.40154 | 1.471262 | 2.78E-05 | 0.001619 | 20 | 49 | 30 | 368 | 222 | 109 |
| Solyc10g084960.1.1 | -2.39748 | 3.220532 | 8.95E-05 | 0.004106 | 22 | 330 | 63 | 759 | 1482 | 365 |
| Solyc02g091700.2.1 | -2.39743 | 3.944219 | 2.08E-06 | 0.000181 | 82 | 370 | 158 | 1591 | 2345 | 371 |
| Solyc03g119240.2.1 | -2.39352 | 3.498767 | 1.82E-07 | 2.28E-05 | 42 | 274 | 161 | 1148 | 1539 | 404 |
| Solyc02g062790.2.1 | -2.38681 | 1.68725 | 0.000172 | 0.007044 | 20 | 58 | 43 | 482 | 279 | 65 |
| Solyc05g056380.2.1 | -2.38496 | 1.057139 | 3.64E-06 | 0.000288 | 9 | 39 | 34 | 144 | 293 | 117 |
| Solyc09g098160.2.1 | -2.3838 | 2.880017 | 8.44E-08 | 1.17E-05 | 24 | 174 | 117 | 709 | 879 | 371 |
| Solyc02g085300.2.1 | -2.37701 | 3.227817 | 2.44E-06 | 0.000207 | 52 | 247 | 73 | 1097 | 1000 | 371 |
| Solyc07g008600.1.1 | -2.36849 | 1.699268 | 1.66E-06 | 0.000153 | 20 | 61 | 43 | 310 | 418 | 136 |
| Solyc09g008740.1.1 | -2.36351 | 0.601279 | 0.000162 | 0.006713 | 13 | 25 | 14 | 120 | 224 | 59 |
| Solyc11g008200.1.1 | -2.35767 | 1.790585 | 1.43E-05 | 0.000925 | 32 | 49 | 37 | 367 | 416 | 129 |
| Solyc02g061770.2.1 | -2.35576 | 4.931059 | 0.00016 | 0.00663 | 248 | 775 | 81 | 3492 | 3782 | 963 |
| Solyc09g007890.1.1 | -2.34402 | 2.096636 | 0.000185 | 0.007532 | 12 | 144 | 34 | 333 | 723 | 140 |
| Solyc09g082240.2.1 | -2.33788 | 1.86615 | 3.16E-05 | 0.001777 | 16 | 72 | 64 | 468 | 385 | 98 |
| Solyc08g065210.1.1 | -2.33575 | 1.415578 | 7.83E-05 | 0.003641 | 15 | 65 | 26 | 356 | 180 | 121 |
| Solyc11g066800.1.1 | -2.33516 | 4.320024 | 6.81E-05 | 0.00325 | 220 | 256 | 156 | 2955 | 1728 | 484 |
| Solyc06g069740.1.1 | -2.33476 | 1.562358 | 0.000195 | 0.00784 | 20 | 81 | 12 | 298 | 322 | 143 |
| Solyc09g011590.2.1 | -2.3316 | 7.350452 | 1.26E-10 | 4.53E-08 | 726 | 4075 | 2273 | 13547 | 22958 | 8046 |
| Solyc11g017280.1.1 | -2.32716 | 4.996328 | 3.00E-10 | 9.30E-08 | 231 | 675 | 324 | 3053 | 4062 | 1462 |
| Solyc01g096430.2.1 | -2.32303 | 4.432991 | 8.49E-08 | 1.17E-05 | 144 | 388 | 321 | 1813 | 3717 | 596 |
| Solyc12g011090.1.1 | -2.32141 | 0.720779 | 5.32E-05 | 0.002648 | 9 | 41 | 15 | 137 | 197 | 89 |
| Solyc08g021870.1.1 | -2.31973 | 0.211205 | 7.32E-05 | 0.003428 | 4 | 20 | 23 | 85 | 145 | 65 |
| Solyc01g009930.1.1 | -2.31732 | 2.873284 | 0.000193 | 0.007769 | 30 | 261 | 30 | 505 | 1148 | 363 |
| Solyc12g010710.1.1 | -2.3148 | 3.55012 | 1.37E-07 | 1.77E-05 | 104 | 171 | 147 | 910 | 1873 | 468 |
| Solyc10g079930.1.1 | -2.31447 | 6.68767 | 4.91E-12 | 2.62E-09 | 695 | 2317 | 1092 | 7369 | 11542 | 7985 |
| Solyc04g078290.2.1 | -2.31367 | 7.370713 | 8.58E-10 | 2.18E-07 | 988 | 4291 | 1548 | 13925 | 21354 | 9140 |
| Solyc03g020010.1.1 | -2.31338 | 2.228783 | 5.12E-05 | 0.002583 | 41 | 90 | 38 | 296 | 878 | 157 |
| Solyc01g073890.2.1 | -2.31247 | 3.964608 | 1.58E-05 | 0.000997 | 85 | 486 | 85 | 1766 | 1679 | 652 |
| Solyc09g075910.1.1 | -2.30184 | 4.048274 | 2.34E-08 | 3.89E-06 | 99 | 386 | 198 | 1274 | 2686 | 651 |
| Solyc01g007050.1.1 | -2.3014 | 1.981541 | 1.36E-05 | 0.000889 | 11 | 122 | 46 | 348 | 450 | 228 |
| Solyc01g086660.2.1 | -2.3006 | 1.94751 | 4.95E-05 | 0.002521 | 17 | 68 | 80 | 518 | 372 | 103 |
| Solyc10g055200.1.1 | -2.29705 | 6.542601 | 1.82E-09 | 4.21E-07 | 708 | 1914 | 996 | 8041 | 13774 | 3813 |
| Solyc11g018800.1.1 | -2.29208 | 2.153229 | 1.93E-05 | 0.001187 | 25 | 90 | 69 | 388 | 735 | 113 |
| Solyc10g017570.2.1 | -2.28276 | 3.275173 | 8.97E-08 | 1.22E-05 | 59 | 194 | 148 | 683 | 1627 | 391 |
| Solyc02g092110.2.1 | -2.27861 | 4.854965 | 2.45E-10 | 7.94E-08 | 257 | 483 | 335 | 2171 | 4191 | 1504 |
| Solyc03g026230.1.1 | -2.27852 | 3.629619 | 4.56E-06 | 0.000351 | 60 | 255 | 226 | 1787 | 982 | 376 |
| Solyc12g097000.1.1 | -2.27059 | 2.093893 | 4.04E-06 | 0.000315 | 42 | 65 | 46 | 378 | 531 | 210 |
| Solyc09g091550.2.1 | -2.26918 | 6.246193 | 7.01E-05 | 0.003312 | 1052 | 463 | 645 | 5178 | 5739 | 7766 |
| Solyc05g009230.1.1 | -2.2649 | 3.411048 | 5.35E-06 | 0.0004 | 122 | 144 | 87 | 872 | 1502 | 495 |
| Solyc09g090470.2.1 | -2.26045 | 3.443191 | 1.39E-06 | 0.000131 | 82 | 221 | 130 | 873 | 1827 | 339 |
| Solyc09g011990.1.1 | -2.24952 | 2.229277 | 4.71E-06 | 0.00036 | 39 | 69 | 73 | 376 | 735 | 169 |
| Solyc06g062330.1.1 | -2.24398 | 2.878622 | 2.44E-05 | 0.00145 | 58 | 91 | 141 | 423 | 1477 | 218 |
| Solyc05g010030.2.1 | -2.24047 | 1.759372 | 6.08E-06 | 0.000451 | 17 | 80 | 50 | 233 | 527 | 156 |
| Solyc04g072800.2.1 | -2.23851 | 3.131108 | 1.22E-07 | 1.60E-05 | 62 | 137 | 161 | 959 | 971 | 353 |
| Solyc06g071070.1.1 | -2.2378 | 5.07561 | 9.34E-08 | 1.26E-05 | 295 | 447 | 555 | 3174 | 5092 | 1007 |
| Solyc02g068680.1.1 | -2.23324 | 4.216433 | 3.11E-07 | 3.61E-05 | 71 | 609 | 196 | 1277 | 2449 | 1206 |
| Solyc07g056200.2.1 | -2.2316 | 6.524314 | 2.92E-07 | 3.44E-05 | 768 | 2269 | 604 | 8934 | 10356 | 4773 |
| Solyc07g040890.1.1 | -2.22493 | 3.031104 | 5.22E-06 | 0.000393 | 60 | 221 | 56 | 649 | 1093 | 429 |
| Solyc01g107780.2.1 | -2.21883 | 6.14702 | 3.66E-09 | 7.72E-07 | 710 | 1082 | 823 | 6646 | 8751 | 3360 |
| Solyc05g051530.2.1 | -2.2125 | 4.791967 | 2.05E-06 | 0.000179 | 201 | 781 | 182 | 2537 | 3771 | 1134 |
| Solyc04g079820.2.1 | -2.20823 | 1.828605 | 1.90E-06 | 0.000169 | 18 | 54 | 85 | 288 | 446 | 191 |
| Solyc03g114500.2.1 | -2.20427 | 5.382302 | 1.07E-10 | 4.12E-08 | 291 | 848 | 640 | 3886 | 5637 | 1672 |
| Solyc08g014570.2.1 | -2.20094 | 6.671688 | 2.02E-06 | 0.000178 | 1208 | 920 | 1349 | 10043 | 13022 | 4085 |
| Solyc04g071890.2.1 | -2.199 | 6.486671 | 5.42E-08 | 8.11E-06 | 822 | 1579 | 1097 | 5340 | 15994 | 3868 |
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| Solyc02g077040.2.1 | -2.1911 | 8.686555 | 1.07E-07 | 1.42E-05 | 3175 | 11001 | 3116 | 36308 | 47803 | 23403 |
| Solyc08g067340.2.1 | -2.18343 | 6.793446 | 0.000152 | 0.006363 | 1605 | 1189 | 543 | 11460 | 11487 | 5618 |
| Solyc04g051690.2.1 | -2.18254 | 4.935277 | 8.80E-10 | 2.22E-07 | 249 | 607 | 409 | 3342 | 3085 | 1426 |
| Solyc05g041540.2.1 | -2.17949 | 4.711167 | 5.92E-07 | 6.33E-05 | 237 | 520 | 287 | 2686 | 3561 | 790 |
| Solyc03g007380.1.1 | -2.17786 | 2.382521 | 2.94E-05 | 0.001681 | 36 | 54 | 133 | 196 | 858 | 357 |
| Solyc08g021820.2.1 | -2.17619 | 0.90395 | 0.000204 | 0.00815 | 17 | 34 | 22 | 171 | 244 | 68 |
| Solyc02g083850.2.1 | -2.1734 | 2.767195 | 0.000104 | 0.004662 | 82 | 101 | 55 | 609 | 1001 | 224 |
| Solyc09g014990.2.1 | -2.1727 | 6.580421 | 2.92E-10 | 9.13E-08 | 533 | 2315 | 1571 | 8998 | 12179 | 4186 |
| Solyc03g097840.2.1 | -2.16972 | 6.578902 | 1.61E-09 | 3.84E-07 | 832 | 1679 | 1383 | 9413 | 12008 | 3885 |
| Solyc07g065250.2.1 | -2.16797 | 4.000105 | 7.25E-08 | 1.04E-05 | 132 | 269 | 263 | 1555 | 2166 | 555 |
| Solyc08g074970.1.1 | -2.16691 | 3.693598 | 2.85E-07 | 3.38E-05 | 105 | 235 | 200 | 1365 | 1604 | 442 |
| Solyc05g053330.2.1 | -2.15579 | 4.773637 | 1.72E-05 | 0.001074 | 300 | 164 | 549 | 3110 | 2736 | 1157 |
| Solyc03g115930.1.1 | -2.15451 | 5.74896 | 1.65E-06 | 0.000152 | 470 | 1387 | 363 | 5765 | 5745 | 2374 |
| Solyc04g074680.1.1 | -2.14726 | 4.750478 | 5.88E-05 | 0.002877 | 81 | 1085 | 221 | 2591 | 3173 | 1256 |
| Solyc01g067020.2.1 | -2.14539 | 5.900382 | 1.47E-06 | 0.000137 | 642 | 1071 | 554 | 5862 | 8043 | 2056 |
| Solyc03g122350.2.1 | -2.14491 | 7.636597 | 1.20E-10 | 4.37E-08 | 1615 | 3961 | 2898 | 18424 | 24348 | 9447 |
| Solyc10g085860.1.1 | -2.14116 | 2.476448 | 0.00013 | 0.005618 | 13 | 206 | 68 | 356 | 799 | 320 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|-------|------|-------|-------|-------|
| Solyc03g119970.2.1 | -2.13548 | 5.358401 | 7.61E-10 | 1.99E-07 | 307 | 793 | 702 | 4708 | 3997 | 1751 |
| Solyc03g113080.2.1 | -2.1333 | 3.121455 | 2.71E-06 | 0.000225 | 52 | 228 | 122 | 757 | 1283 | 302 |
| Solyc01g060020.2.1 | -2.13308 | 8.877529 | 2.17E-06 | 0.000187 | 4038 | 11425 | 4394 | 37420 | 77106 | 15333 |
| Solyc01g080800.2.1 | -2.12605 | 4.302382 | 6.92E-05 | 0.003296 | 66 | 779 | 171 | 1070 | 3212 | 1093 |
| Solyc06g035960.2.1 | -2.11791 | 8.104329 | 1.81E-09 | 4.21E-07 | 1938 | 5768 | 4772 | 29611 | 30735 | 10998 |
| Solyc08g066270.1.1 | -2.11788 | 1.672928 | 3.16E-05 | 0.001777 | 26 | 74 | 36 | 279 | 406 | 139 |
| Solyc01g099910.2.1 | -2.11603 | 3.86057 | 1.42E-05 | 0.000924 | 91 | 343 | 241 | 1412 | 2238 | 311 |
| Solyc09g007900.2.1 | -2.11076 | 7.763018 | 4.37E-13 | 3.05E-10 | 1497 | 4529 | 3929 | 18600 | 24193 | 12999 |
| Solyc07g043320.2.1 | -2.10622 | 7.564384 | 8.13E-09 | 1.57E-06 | 1490 | 3707 | 3177 | 18627 | 24772 | 6767 |
| Solyc03g116890.2.1 | -2.1012 | 5.711483 | 4.59E-09 | 9.47E-07 | 446 | 810 | 1008 | 4714 | 7385 | 1919 |
| Solyc04g025650.2.1 | -2.09913 | 4.185065 | 0.000102 | 0.004595 | 214 | 202 | 267 | 1250 | 3456 | 436 |
| Solyc03g116690.2.1 | -2.09618 | 2.481363 | 5.02E-06 | 0.000381 | 30 | 165 | 73 | 358 | 813 | 306 |
| Solyc03g119250.2.1 | -2.08854 | 6.006091 | 1.76E-06 | 0.000161 | 353 | 2178 | 629 | 6904 | 6726 | 2805 |
| Solyc01g088400.2.1 | -2.08239 | 3.825859 | 8.64E-08 | 1.18E-05 | 137 | 215 | 242 | 1486 | 1106 | 877 |
| Solyc01g106620.2.1 | -2.07909 | 7.627824 | 0.000186 | 0.007552 | 2285 | 4524 | 854 | 16775 | 29081 | 7331 |
| Solyc09g014280.1.1 | -2.0771 | 6.329902 | 2.05E-07 | 2.51E-05 | 910 | 741 | 1488 | 5555 | 10635 | 4869 |
| Solyc01g067120.2.1 | -2.06868 | 2.683668 | 4.60E-06 | 0.000353 | 24 | 192 | 115 | 442 | 867 | 367 |
| Solyc08g068870.2.1 | -2.067 | 8.892377 | 0.000216 | 0.008525 | 7037 | 6179 | 2582 | 46740 | 55121 | 21011 |
| Solyc08g062320.2.1 | -2.06371 | 3.321667 | 4.45E-08 | 6.80E-06 | 78 | 206 | 171 | 902 | 1182 | 486 |
| Solyc06g082570.1.1 | -2.06355 | 5.938766 | 7.15E-05 | 0.00336 | 852 | 601 | 692 | 6782 | 7155 | 1988 |
| Solyc03g044900.2.1 | -2.06141 | 6.217918 | 4.21E-05 | 0.002195 | 547 | 2338 | 599 | 6621 | 11635 | 1996 |
| Solyc01g106500.2.1 | -2.04516 | 5.639387 | 7.36E-07 | 7.56E-05 | 578 | 827 | 576 | 4950 | 6155 | 1877 |
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| Solyc09g011270.2.1 | -2.02456 | 2.924449 | 1.53E-05 | 0.000971 | 74 | 173 | 84 | 740 | 922 | 291 |
| Solyc08g016210.2.1 | -2.0217 | 7.477079 | 9.40E-05 | 0.004253 | 1689 | 5110 | 1109 | 18401 | 22790 | 5502 |
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| Solyc01g009690.1.1 | -1.99909 | 4.559132 | 6.62E-06 | 0.000482 | 191 | 715 | 213 | 2489 | 2611 | 908 |
| Solyc01g014840.2.1 | -1.98672 | 4.43196 | 2.70E-08 | 4.41E-06 | 179 | 494 | 351 | 2171 | 2428 | 896 |
| Solyc03g113070.2.1 | -1.98039 | 2.787978 | 7.10E-07 | 7.38E-05 | 52 | 156 | 127 | 652 | 741 | 338 |
| Solyc05g050800.2.1 | -1.9758 | 7.0618 | 2.68E-10 | 8.47E-08 | 1101 | 3094 | 2219 | 10572 | 17324 | 6719 |
| Solyc12g057140.1.1 | -1.97214 | 4.613221 | 2.03E-06 | 0.000178 | 119 | 853 | 348 | 2425 | 2771 | 1033 |
| Solyc01g096510.2.1 | -1.97022 | 5.687493 | 1.05E-05 | 0.000712 | 255 | 2027 | 508 | 4585 | 6264 | 2384 |
| Solyc10g007880.2.1 | -1.96953 | 4.032245 | 2.68E-05 | 0.001575 | 189 | 299 | 206 | 2081 | 961 | 832 |
| Solyc05g008820.2.1 | -1.95764 | 3.104052 | 2.92E-05 | 0.001675 | 57 | 256 | 125 | 876 | 1060 | 273 |
| Solyc09g005090.1.1 | -1.95333 | 3.60316 | 1.22E-06 | 0.000116 | 102 | 348 | 138 | 986 | 1420 | 667 |
| Solyc12g036330.1.1 | -1.95001 | 2.957361 | 7.41E-07 | 7.59E-05 | 60 | 189 | 134 | 696 | 883 | 377 |
| Solyc03g11720.2.1 | -1.94623 | 6.667869 | 1.19E-05 | 0.000791 | 1223 | 918 | 2145 | 11278 | 9042 | 4726 |
| Solyc02g093950.2.1 | -1.93829 | 1.964133 | 8.67E-05 | 0.003983 | 31 | 119 | 41 | 291 | 499 | 199 |
| Solyc05g056170.2.1 | -1.93796 | 6.811916 | 2.06E-10 | 7.12E-08 | 868 | 2545 | 2226 | 10207 | 12644 | 5557 |
| Solyc04g009440.2.1 | -1.92275 | 6.497037 | 1.65E-06 | 0.000152 | 944 | 1310 | 1885 | 7554 | 13413 | 2949 |
| Solyc01g086730.2.1 | -1.92106 | 4.494004 | 3.47E-07 | 3.96E-05 | 258 | 420 | 321 | 1917 | 2830 | 1019 |
| Solyc03g118970.2.1 | -1.91313 | 6.706916 | 9.79E-07 | 9.60E-05 | 1210 | 1077 | 2322 | 9403 | 11033 | 5625 |
| Solyc09g047910.2.1 | -1.91233 | 3.139269 | 1.03E-05 | 0.000705 | 72 | 163 | 204 | 857 | 1109 | 290 |
| Solyc12g044940.1.1 | -1.90939 | 5.847019 | 2.09E-08 | 3.65E-06 | 454 | 1561 | 918 | 4204 | 8321 | 2549 |
| Solyc07g052790.1.1 | -1.90891 | 5.431432 | 3.08E-05 | 0.001742 | 518 | 938 | 432 | 4460 | 5313 | 1308 |
| Solyc01g086670.2.1 | -1.9089 | 3.593795 | 1.04E-05 | 0.000709 | 143 | 164 | 224 | 803 | 1809 | 551 |
| Solyc03g095770.2.1 | -1.90766 | 6.635032 | 2.56E-06 | 0.000215 | 969 | 2862 | 924 | 8517 | 12152 | 4674 |
| Solyc05g014390.2.1 | -1.90683 | 5.922307 | 2.79E-05 | 0.001619 | 536 | 1716 | 175 | 5921 | 8513 | 1492 |
| Solyc06g005480.2.1 | -1.90182 | 3.893877 | 4.01E-07 | 4.48E-05 | 128 | 312 | 299 | 1174 | 2107 | 590 |
| Solyc09g011560.2.1 | -1.90047 | 5.45123 | 2.33E-07 | 2.83E-05 | 410 | 1186 | 535 | 3903 | 5423 | 1853 |
| Solyc12g010410.1.1 | -1.88906 | 2.842934 | 4.14E-05 | 0.002179 | 38 | 244 | 115 | 634 | 905 | 287 |
| Solyc05g041910.2.1 | -1.88614 | 7.490516 | 3.02E-08 | 4.87E-06 | 1281 | 4907 | 3372 | 16647 | 21632 | 7464 |
| Solyc04g074000.2.1 | -1.88555 | 9.067914 | 8.80E-08 | 1.20E-05 | 5501 | 13641 | 6455 | 40604 | 63650 | 31078 |
| Solyc02g079570.2.1 | -1.88393 | 5.857193 | 4.44E-08 | 6.80E-06 | 592 | 1066 | 1107 | 5799 | 6276 | 2440 |
| Solyc01g091840.2.1 | -1.88184 | 4.956407 | 2.10E-06 | 0.000182 | 310 | 820 | 369 | 3019 | 3673 | 1179 |
| Solyc06g062420.2.1 | -1.86332 | 3.495405 | 2.08E-05 | 0.001265 | 64 | 418 | 150 | 975 | 1307 | 543 |
| Solyc08g076390.2.1 | -1.86041 | 5.206335 | 5.43E-07 | 5.88E-05 | 313 | 927 | 665 | 4017 | 3940 | 1268 |
| Solyc10g080010.1.1 | -1.85584 | 4.697455 | 1.11E-06 | 0.000107 | 215 | 800 | 338 | 2416 | 3046 | 1076 |
| Solyc03g033840.2.1 | -1.84971 | 5.694322 | 6.24E-07 | 6.59E-05 | 580 | 1305 | 566 | 3948 | 6580 | 2621 |
| Solyc03g006700.2.1 | -1.84561 | 3.578677 | 2.73E-05 | 0.001598 | 75 | 407 | 183 | 898 | 1765 | 449 |
| Solyc04g008100.1.1 | -1.83001 | 4.712113 | 1.53E-05 | 0.000973 | 198 | 988 | 241 | 1579 | 3168 | 1790 |
| Solyc12g042480.1.1 | -1.82667 | 6.456892 | 1.61E-05 | 0.001012 | 1066 | 1570 | 1438 | 7512 | 12871 | 2576 |
| Solyc06g061170.2.1 | -1.82182 | 3.503222 | 6.78E-05 | 0.003242 | 131 | 255 | 154 | 1066 | 1452 | 363 |
| Solyc12g088040.1.1 | -1.82015 | 2.926494 | 0.000124 | 0.005402 | 60 | 252 | 96 | 524 | 1164 | 291 |
| Solyc11g005630.1.1 | -1.81628 | 6.513553 | 3.56E-06 | 0.000283 | 828 | 3015 | 943 | 5900 | 12177 | 5153 |
| Solyc05g056500.1.1 | -1.80939 | 2.994984 | 1.99E-05 | 0.001217 | 69 | 178 | 173 | 665 | 1097 | 277 |
| Solyc03g112970.1.1 | -1.80872 | 2.44893 | 5.59E-05 | 0.002758 | 62 | 114 | 88 | 508 | 594 | 237 |
| Solyc10g007900.2.1 | -1.80609 | 4.801888 | 4.95E-06 | 0.000377 | 228 | 907 | 376 | 2600 | 3433 | 1013 |
| Solyc01g104690.2.1 | -1.80314 | 5.305295 | 4.52E-05 | 0.002342 | 410 | 770 | 809 | 1962 | 7682 | 1208 |
| Solyc02g093050.2.1 | -1.79925 | 6.754901 | 6.24E-08 | 9.19E-06 | 1090 | 2343 | 2077 | 10103 | 12159 | 4623 |
| Solyc09g082890.1.1 | -1.79485 | 1.533228 | 0.000107 | 0.004767 | 22 | 79 | 55 | 251 | 289 | 153 |
| Solyc09g011740.2.1 | -1.7908 | 6.315601 | 1.02E-06 | 9.89E-05 | 824 | 2013 | 1221 | 6937 | 10378 | 2954 |
| Solyc01g097270.2.1 | -1.79031 | 8.132059 | 7.08E-05 | 0.003331 | 3986 | 4681 | 3689 | 20804 | 42662 | 9847 |
| Solyc03g119590.1.1 | -1.78972 | 4.423028 | 4.22E-05 | 0.002199 | 254 | 600 | 185 | 1846 | 2483 | 1002 |
| Solyc05g050380.2.1 | -1.7801 | 7.603615 | 6.85E-06 | 0.000498 | 2392 | 4634 | 2292 | 16384 | 24210 | 8393 |
| Solyc09g010780.2.1 | -1.77937 | 3.287837 | 1.39E-05 | 0.000906 | 89 | 277 | 154 | 973 | 974 | 426 |
| Solyc02g081360.2.1 | -1.77635 | 4.325984 | 8.06E-06 | 0.000575 | 272 | 380 | 269 | 1512 | 1560 | 1604 |
| Solyc02g093310.2.1 | -1.77597 | 3.210784 | 9.96E-06 | 0.000683 | 61 | 260 | 210 | 716 | 1257 | 378 |
| Solyc03g119810.1.1 | -1.76582 | 3.392078 | 3.67E-05 | 0.002001 | 98 | 217 | 244 | 1122 | 1123 | 337 |
| Solyc09g072810.2.1 | -1.76225 | 4.431567 | 2.89E-05 | 0.001669 | 237 | 211 | 643 | 1398 | 2972 | 1104 |
| Solyc07g055710.2.1 | -1.75956 | 5.103815 | 1.78E-05 | 0.001101 | 428 | 618 | 616 | 2441 | 5416 | 1139 |
| Solyc02g032950.2.1 | -1.75574 | 5.776611 | 2.94E-05 | 0.001681 | 643 | 1398 | 691 | 6129 | 5394 | 1853 |

| | | | | | | | | | | |
|---------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc05g016310.1.1 | -1.75475 | 4.822566 | 5.28E-06 | 0.000397 | 214 | 943 | 459 | 2982 | 2861 | 1067 |
| Solyc10g011810.2.1 | -1.74739 | 6.174108 | 4.01E-08 | 6.31E-06 | 559 | 2107 | 1459 | 5448 | 9455 | 3314 |
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| Solyc08g080640.1.1 | -1.74534 | 6.949763 | 0.000123 | 0.005384 | 1736 | 2930 | 1039 | 12212 | 11325 | 6146 |
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| Solyc05g014380.2.1 | -1.74146 | 6.802273 | 3.99E-05 | 0.002127 | 1262 | 2981 | 1463 | 10554 | 14368 | 3330 |
| Solyc02g014030.1.1 | -1.73817 | 4.585571 | 9.94E-08 | 1.33E-05 | 207 | 674 | 459 | 1742 | 3160 | 1138 |
| Solyc01g098140.2.1 | -1.738 | 3.457717 | 4.20E-05 | 0.002195 | 51 | 421 | 212 | 816 | 1317 | 581 |
| Solyc06g076560.1.1 | -1.73328 | 2.816242 | 5.16E-05 | 0.002596 | 78 | 143 | 142 | 375 | 1057 | 362 |
| Solyc04g048900.2.1 | -1.73108 | 7.276449 | 3.56E-06 | 0.000283 | 2013 | 3129 | 2374 | 12734 | 19258 | 6768 |
| Solyc01g11350.2.1 | -1.73091 | 4.605593 | 0.00023 | 0.008983 | 106 | 870 | 570 | 3006 | 2047 | 764 |
| Solyc08g078050.1.1 | -1.72258 | 5.331661 | 4.39E-08 | 6.80E-06 | 415 | 805 | 933 | 3668 | 4336 | 1833 |
| Solyc04g011770.2.1 | -1.7216 | 2.928843 | 1.31E-05 | 0.00086 | 68 | 167 | 187 | 689 | 833 | 332 |
| Solyc11g005700.1.1 | -1.72051 | 3.587721 | 7.22E-06 | 0.000517 | 102 | 326 | 251 | 1209 | 1188 | 503 |
| Solyc02g081350.2.1 | -1.71996 | 2.102044 | 0.000136 | 0.005812 | 52 | 82 | 82 | 302 | 346 | 338 |
| Solyc01g109710.2.1 | -1.71803 | 6.459878 | 3.36E-05 | 0.001867 | 1259 | 1401 | 1442 | 7819 | 10941 | 3262 |
| Solyc02g082450.2.1 | -1.71718 | 4.738978 | 1.08E-05 | 0.000731 | 248 | 612 | 619 | 3025 | 2633 | 825 |
| Solyc01g089890.2.1 | -1.71211 | 4.444158 | 6.98E-06 | 0.000505 | 203 | 727 | 282 | 1644 | 2778 | 1009 |
| Solyc02g090490.2.1 | -1.70784 | 5.822385 | 2.95E-06 | 0.000242 | 575 | 1343 | 4725 | 7876 | 7876 | 1812 |
| Solyc02g079170.2.1 | -1.70549 | 7.078416 | 4.14E-05 | 0.002179 | 1916 | 2320 | 2157 | 14499 | 12610 | 5365 |
| Solyc04g074710.2.1 | -1.69789 | 2.371459 | 0.000247 | 0.009513 | 51 | 93 | 138 | 412 | 707 | 178 |
| Solyc02g086590.2.1 | -1.69626 | 5.108961 | 1.09E-06 | 0.000105 | 404 | 723 | 670 | 3011 | 4148 | 1384 |
| Solyc07g008140.2.1 | -1.69308 | 5.25997 | 3.23E-07 | 3.73E-05 | 208 | 1234 | 975 | 3237 | 3126 | 2579 |
| Solyc08g081490.2.1 | -1.69181 | 4.564312 | 8.65E-06 | 0.000609 | 253 | 672 | 354 | 2306 | 2545 | 913 |
| Solyc12g008500.1.1 | -1.68778 | 6.285641 | 2.99E-05 | 0.001701 | 1058 | 978 | 1785 | 7129 | 8924 | 3124 |
| Solyc03g112980.1.1 | -1.68321 | 2.24838 | 0.000182 | 0.007411 | 60 | 111 | 71 | 309 | 571 | 272 |
| Solyc09g009130.2.1 | -1.67796 | 5.046746 | 3.45E-06 | 0.000277 | 359 | 787 | 647 | 3655 | 2755 | 1383 |
| Solyc11g007420.1.1 | -1.67069 | 2.511389 | 3.77E-05 | 0.00204 | 55 | 155 | 110 | 501 | 548 | 298 |
| Solyc09g064780.2.1 | -1.66305 | 5.130757 | 2.51E-06 | 0.000212 | 431 | 840 | 564 | 2946 | 4150 | 1507 |
| Solyc01g112220.2.1 | -1.66254 | 4.405464 | 1.42E-06 | 0.000133 | 210 | 533 | 453 | 1781 | 2631 | 831 |
| Solyc02g079750.2.1 | -1.65998 | 5.716427 | 6.70E-05 | 0.003221 | 401 | 1675 | 1114 | 3024 | 9349 | 1551 |
| Solyc04g056340.2.1 | -1.65828 | 4.081188 | 4.18E-05 | 0.002193 | 205 | 391 | 298 | 1316 | 2384 | 574 |
| Solyc12g008960.1.1 | -1.65775 | 4.892014 | 2.40E-05 | 0.00143 | 223 | 1168 | 420 | 2566 | 3472 | 1240 |
| Solyc04g0077310.2.1 | -1.65604 | 4.051723 | 0.000143 | 0.006046 | 188 | 418 | 293 | 1749 | 1856 | 451 |
| Solyc07g043250.1.1 | -1.65286 | 5.507337 | 2.16E-08 | 3.75E-06 | 406 | 1312 | 949 | 3626 | 5315 | 2176 |
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| Solyc02g093230.2.1 | -1.65109 | 3.929276 | 0.000107 | 0.004751 | 140 | 534 | 212 | 1289 | 1965 | 534 |
| Solyc03g111980.2.1 | -1.64949 | 7.291422 | 4.82E-05 | 0.002465 | 1801 | 4287 | 2422 | 15892 | 17665 | 4832 |
| Solyc02g085830.2.1 | -1.63466 | 3.684399 | 0.000136 | 0.005812 | 161 | 220 | 299 | 1344 | 1261 | 461 |
| Solyc03g078490.2.1 | -1.63289 | 9.415741 | 2.59E-06 | 0.000216 | 7645 | 19113 | 11164 | 64250 | 67217 | 31529 |
| Solyc08g014150.2.1 | -1.62819 | 5.330675 | 8.99E-06 | 0.000628 | 509 | 892 | 735 | 3126 | 5460 | 1481 |
| Solyc02g088090.1.1 | -1.62798 | 7.043239 | 6.09E-06 | 0.000451 | 1067 | 4786 | 2228 | 12091 | 14138 | 5610 |
| Solyc05g016060.2.1 | -1.62696 | 5.30508 | 4.48E-05 | 0.002326 | 346 | 1568 | 463 | 3253 | 4651 | 1745 |
| Solyc05g052750.2.1 | -1.61987 | 4.614855 | 6.22E-08 | 9.19E-06 | 225 | 698 | 532 | 1916 | 2669 | 1297 |
| Solyc02g067530.2.1 | -1.61069 | 5.063088 | 4.27E-08 | 6.68E-06 | 292 | 900 | 831 | 2765 | 3645 | 1626 |
| Solyc06g074530.1.1 | -1.61009 | 5.845606 | 6.93E-07 | 7.24E-05 | 576 | 1764 | 1023 | 4404 | 7083 | 2605 |
| Solyc02g093860.2.1 | -1.60153 | 7.301753 | 8.05E-07 | 8.07E-05 | 1305 | 4559 | 3896 | 14788 | 16321 | 6658 |
| Solyc07g049660.2.1 | -1.59977 | 7.174604 | 1.43E-05 | 0.000925 | 1786 | 4010 | 2117 | 12163 | 16998 | 6026 |
| Solyc10g012370.2.1 | -1.59869 | 7.494071 | 3.40E-05 | 0.001883 | 2236 | 3541 | 4064 | 14863 | 24425 | 5762 |
| Solyc05g015840.2.1 | -1.58901 | 4.121274 | 3.59E-05 | 0.001971 | 209 | 502 | 260 | 1250 | 2289 | 748 |
| Solyc09g075120.2.1 | -1.58825 | 7.007959 | 0.000117 | 0.005146 | 1990 | 2156 | 2239 | 11827 | 14293 | 4960 |
| Solyc08g077740.1.1 | -1.58623 | 1.97615 | 0.000199 | 0.007986 | 42 | 98 | 86 | 323 | 362 | 222 |
| Solyc02g093270.2.1 | -1.58537 | 7.899808 | 7.83E-07 | 7.90E-05 | 2455 | 6192 | 5432 | 23324 | 20571 | 11727 |
| Solyc04g009900.2.1 | -1.57889 | 5.341595 | 9.28E-05 | 0.004226 | 349 | 1138 | 1029 | 4822 | 3596 | 1127 |
| Solyc04g006940.2.1 | -1.57309 | 5.317788 | 9.09E-06 | 0.000633 | 435 | 1235 | 659 | 4003 | 3622 | 1715 |
| Solyc11g015900.1.1 | -1.57027 | 3.661002 | 0.000104 | 0.004674 | 114 | 480 | 185 | 1102 | 1268 | 611 |
| Solyc03g083440.2.1 | -1.56724 | 6.244264 | 1.27E-05 | 0.000836 | 929 | 1864 | 1467 | 7065 | 8467 | 2742 |
| Solyc09g075020.2.1 | -1.56666 | 9.929299 | 1.20E-06 | 0.000114 | 11668 | 23140 | 20483 | 88755 | 88934 | 50018 |
| Solyc02g091650.2.1 | -1.56451 | 4.44461 | 1.51E-05 | 0.000965 | 230 | 657 | 403 | 2076 | 2250 | 850 |
| Solyc07g008590.1.1 | -1.56407 | 3.864714 | 3.63E-05 | 0.001987 | 186 | 377 | 245 | 1150 | 1692 | 660 |
| Solyc01g005920.2.1 | -1.56186 | 3.488472 | 4.92E-05 | 0.002511 | 91 | 278 | 339 | 886 | 1422 | 432 |
| Solyc09g083060.2.1 | -1.5524 | 5.308148 | 1.23E-07 | 1.61E-05 | 395 | 1121 | 892 | 3397 | 4034 | 1924 |
| Solyc02g087740.2.1 | -1.5498 | 2.574052 | 0.000123 | 0.005384 | 67 | 156 | 124 | 476 | 444 | 413 |
| Solyc09g091660.2.1 | -1.53826 | 9.373885 | 2.43E-06 | 0.000206 | 7573 | 17984 | 13509 | 53083 | 78243 | 28763 |
| Solyc05g050360.2.1 | -1.53718 | 5.992009 | 1.97E-05 | 0.001211 | 743 | 1983 | 999 | 4807 | 8167 | 2582 |
| Solyc12g087920.1.1 | -1.52481 | 4.744781 | 5.90E-07 | 6.33E-05 | 313 | 574 | 691 | 2017 | 2914 | 1409 |
| Solyc09g090730.1.1 | -1.5236 | 6.565731 | 9.90E-06 | 0.000681 | 1121 | 2751 | 1695 | 7712 | 11262 | 3869 |
| Solyc12g040570.1.1 | -1.51485 | 3.431398 | 1.89E-05 | 0.001164 | 104 | 339 | 232 | 646 | 1220 | 677 |
| Solyc10g006710.2.1 | -1.51063 | 4.521889 | 0.000145 | 0.006099 | 194 | 972 | 332 | 1666 | 2915 | 988 |
| Solyc11g056620.1.1 | -1.50991 | 4.788202 | 8.73E-06 | 0.000613 | 359 | 677 | 546 | 2518 | 2637 | 1273 |
| Solyc02g062800.2.1 | -1.50762 | 5.437121 | 3.18E-05 | 0.001781 | 554 | 1348 | 602 | 3913 | 3982 | 2131 |
| Solyc01g006150.2.1 | -1.50751 | 6.544912 | 8.64E-07 | 8.56E-05 | 774 | 3135 | 2221 | 7583 | 9907 | 4541 |
| Solyc07g054830.2.1 | -1.50454 | 5.866552 | 7.39E-06 | 0.000528 | 720 | 1543 | 1157 | 5095 | 6399 | 2368 |
| Solyc06g082590.1.1 | -1.50164 | 6.385495 | 0.000208 | 0.008253 | 1221 | 2118 | 1239 | 7370 | 9888 | 2872 |
| Solyc06g050810.2.1 | -1.50153 | 4.680721 | 5.97E-07 | 6.36E-05 | 240 | 785 | 612 | 1968 | 2830 | 1268 |
| Solyc03g113040.2.1 | -1.4983 | 3.764723 | 3.93E-05 | 0.002108 | 160 | 359 | 293 | 1155 | 1474 | 578 |
| Solyc04g049090.2.1 | -1.4955 | 8.178793 | 1.39E-05 | 0.000906 | 3591 | 7973 | 5508 | 22977 | 34933 | 11837 |
| Solyc12g094650.1.1 | -1.49279 | 6.536843 | 4.02E-05 | 0.002138 | 1204 | 2863 | 1326 | 6965 | 10892 | 4325 |
| Solyc02g083460.2.1 | -1.47936 | 6.709729 | 1.45E-05 | 0.000931 | 1378 | 2655 | 2058 | 9950 | 8816 | 5128 |
| Solyc08g069060.2.1 | -1.47356 | 6.508902 | 0.000164 | 0.006758 | 1321 | 1851 | 1927 | 9316 | 8639 | 3230 |
| Solyc04g074030.2.1 | -1.46825 | 6.462984 | 6.97E-05 | 0.003307 | 995 | 3337 | 1151 | 5383 | 10312 | 5176 |
| Solyc03g098730.1.1 | -1.4658 | 6.308583 | 5.95E-05 | 0.002891 | 670 | 3428 | 1233 | 4753 | 9570 | 4527 |
| Solyc01g110960.2.1 | -1.46193 | 2.49071 | 0.000175 | 0.007163 | 62 | 162 | 125 | 370 | 595 | 332 |

| | | | | | | | | | | |
|--------------------|----------|----------|----------|----------|------|-------|-------|-------|--------|-------|
| Solyc04g005160.1.1 | -1.45941 | 8.113535 | 1.49E-05 | 0.00095 | 3201 | 8825 | 5130 | 22380 | 31295 | 11918 |
| Solyc02g087580.2.1 | -1.45816 | 2.925939 | 0.000164 | 0.006777 | 74 | 178 | 237 | 479 | 969 | 367 |
| Solyc05g052210.2.1 | -1.45601 | 4.721486 | 2.99E-06 | 0.000245 | 299 | 715 | 630 | 2084 | 2943 | 1187 |
| Solyc02g089060.2.1 | -1.4527 | 4.554902 | 2.74E-05 | 0.0016 | 147 | 903 | 623 | 1606 | 2808 | 1167 |
| Solyc05g007150.2.1 | -1.44494 | 5.708623 | 1.51E-07 | 1.94E-05 | 504 | 1424 | 1509 | 3028 | 6130 | 3159 |
| Solyc06g063210.2.1 | -1.4449 | 4.977386 | 2.68E-05 | 0.001575 | 410 | 943 | 536 | 2711 | 3095 | 1472 |
| Solyc03g005470.2.1 | -1.44485 | 6.95094 | 2.07E-06 | 0.000181 | 1276 | 3872 | 2856 | 9445 | 14113 | 5670 |
| Solyc06g063180.1.1 | -1.44479 | 5.349003 | 2.56E-06 | 0.000215 | 354 | 1329 | 1065 | 2940 | 5034 | 1772 |
| Solyc10g038080.1.1 | -1.44291 | 4.205227 | 3.63E-05 | 0.001987 | 113 | 602 | 605 | 1362 | 2074 | 898 |
| Solyc03g111800.2.1 | -1.44153 | 6.316887 | 3.14E-06 | 0.000254 | 974 | 2041 | 1881 | 5159 | 10120 | 3825 |
| Solyc08g061250.2.1 | -1.44091 | 3.462353 | 3.55E-05 | 0.001953 | 114 | 338 | 258 | 813 | 891 | 752 |
| Solyc05g051570.2.1 | -1.42831 | 4.88234 | 1.78E-05 | 0.001101 | 367 | 846 | 604 | 2391 | 3314 | 1229 |
| Solyc09g011580.2.1 | -1.42632 | 7.281525 | 3.15E-05 | 0.001777 | 1972 | 2561 | 4969 | 8496 | 16887 | 10638 |
| Solyc08g078040.2.1 | -1.42579 | 6.964782 | 2.89E-06 | 0.000238 | 1538 | 2563 | 3620 | 9582 | 12228 | 6881 |
| Solyc02g086270.2.1 | -1.40911 | 3.87264 | 0.000224 | 0.008798 | 110 | 603 | 323 | 1225 | 1549 | 625 |
| Solyc08g078310.2.1 | -1.40484 | 4.551565 | 6.35E-05 | 0.003068 | 310 | 601 | 524 | 1638 | 3061 | 922 |
| Solyc03g118720.2.1 | -1.4035 | 4.9374 | 8.43E-06 | 0.000596 | 320 | 801 | 901 | 2210 | 3801 | 1273 |
| Solyc04g064530.1.1 | -1.39854 | 6.277798 | 8.17E-05 | 0.003766 | 1079 | 2337 | 1267 | 5702 | 9216 | 3391 |
| Solyc08g082820.2.1 | -1.39632 | 8.878587 | 8.00E-05 | 0.003715 | 3582 | 14173 | 15884 | 18257 | 56479 | 35035 |
| Solyc03g006080.2.1 | -1.39458 | 4.419786 | 5.06E-05 | 0.002556 | 250 | 640 | 486 | 1522 | 2747 | 839 |
| Solyc07g047800.2.1 | -1.39258 | 8.634498 | 2.56E-05 | 0.001516 | 5565 | 9488 | 8917 | 29701 | 44957 | 18324 |
| Solyc06g053710.2.1 | -1.39248 | 7.135715 | 0.000212 | 0.008392 | 2207 | 2768 | 3081 | 13664 | 10593 | 6993 |
| Solyc04g007580.1.1 | -1.3887 | 5.631885 | 1.82E-06 | 0.000164 | 564 | 1666 | 1004 | 3592 | 5103 | 2693 |
| Solyc08g065480.2.1 | -1.38739 | 6.612251 | 1.60E-05 | 0.001005 | 1202 | 2687 | 2333 | 8570 | 9887 | 4093 |
| Solyc07g043560.2.1 | -1.37818 | 7.012666 | 6.94E-06 | 0.000503 | 1128 | 3877 | 4062 | 6359 | 13331 | 9673 |
| Solyc10g055680.1.1 | -1.37717 | 5.978098 | 0.000234 | 0.009106 | 463 | 2777 | 1354 | 5672 | 6464 | 2418 |
| Solyc10g074570.1.1 | -1.37238 | 5.746751 | 2.48E-05 | 0.00147 | 721 | 1532 | 1091 | 4594 | 5436 | 2304 |
| Solyc10g012170.2.1 | -1.37068 | 4.077359 | 5.95E-05 | 0.002891 | 183 | 500 | 442 | 1279 | 2013 | 672 |
| Solyc05g052280.2.1 | -1.35962 | 3.519045 | 0.000144 | 0.006099 | 124 | 380 | 265 | 848 | 1274 | 526 |
| Solyc06g082080.2.1 | -1.34988 | 3.544356 | 0.000137 | 0.005858 | 116 | 383 | 305 | 766 | 1411 | 547 |
| Solyc06g050930.2.1 | -1.34842 | 5.315798 | 2.86E-06 | 0.000236 | 461 | 1308 | 882 | 2982 | 3913 | 2134 |
| Solyc10g045420.1.1 | -1.34806 | 4.600789 | 5.36E-05 | 0.002663 | 276 | 805 | 541 | 2040 | 2571 | 974 |
| Solyc01g087870.1.1 | -1.34402 | 4.863069 | 1.80E-06 | 0.000163 | 281 | 886 | 867 | 1733 | 2992 | 1873 |
| Solyc06g065560.1.1 | -1.34376 | 5.95162 | 4.70E-05 | 0.002415 | 685 | 2050 | 1452 | 4941 | 7248 | 2293 |
| Solyc09g090040.2.1 | -1.33774 | 5.524651 | 0.000113 | 0.005002 | 604 | 1019 | 1330 | 3779 | 5421 | 1578 |
| Solyc12g009550.1.1 | -1.3283 | 3.622793 | 0.000164 | 0.006758 | 121 | 354 | 387 | 745 | 1552 | 587 |
| Solyc06g007930.2.1 | -1.32743 | 6.066642 | 1.11E-05 | 0.000744 | 682 | 2208 | 1795 | 5258 | 7368 | 2836 |
| Solyc04g081510.2.1 | -1.32306 | 5.455167 | 7.67E-05 | 0.003572 | 539 | 1194 | 1176 | 3942 | 4617 | 1521 |
| Solyc09g009840.1.1 | -1.32077 | 5.628444 | 6.98E-05 | 0.003307 | 600 | 1671 | 1034 | 4070 | 5520 | 1853 |
| Solyc12g009220.1.1 | -1.3157 | 7.310873 | 6.26E-05 | 0.003028 | 1895 | 5011 | 3790 | 11794 | 19254 | 6121 |
| Solyc06g071280.2.1 | -1.31469 | 6.423564 | 2.79E-05 | 0.001619 | 1110 | 2771 | 1757 | 6272 | 9307 | 4093 |
| Solyc01g007990.2.1 | -1.30139 | 5.277687 | 1.88E-06 | 0.000169 | 453 | 1139 | 1059 | 2584 | 4110 | 2112 |
| Solyc01g079610.2.1 | -1.29213 | 7.063138 | 1.01E-05 | 0.000694 | 1169 | 4388 | 4334 | 7376 | 14600 | 8383 |
| Solyc04g081570.2.1 | -1.29103 | 9.854057 | 3.65E-05 | 0.001992 | 8722 | 32168 | 26592 | 43373 | 99375 | 66035 |
| Solyc05g013750.2.1 | -1.2803 | 7.227686 | 8.99E-05 | 0.004118 | 1876 | 4229 | 4061 | 12248 | 16547 | 5608 |
| Solyc09g089640.2.1 | -1.27601 | 5.531298 | 6.94E-05 | 0.0033 | 627 | 1454 | 983 | 3929 | 4466 | 1984 |
| Solyc02g077470.2.1 | -1.27361 | 4.715043 | 4.11E-05 | 0.002176 | 311 | 730 | 776 | 2065 | 2792 | 1108 |
| Solyc06g009140.2.1 | -1.27138 | 8.943606 | 4.67E-05 | 0.002405 | 6796 | 12917 | 12754 | 40197 | 46230 | 23484 |
| Solyc09g090070.1.1 | -1.26817 | 7.2606 | 0.00013 | 0.005626 | 1964 | 5111 | 3344 | 12155 | 16753 | 6121 |
| Solyc12g094660.1.1 | -1.26662 | 6.625375 | 5.95E-05 | 0.002891 | 1341 | 2679 | 2550 | 7993 | 10042 | 4251 |
| Solyc03g114600.2.1 | -1.2597 | 4.852495 | 9.40E-05 | 0.004253 | 356 | 816 | 821 | 2501 | 2859 | 1132 |
| Solyc02g067660.2.1 | -1.25619 | 4.570479 | 0.000215 | 0.008488 | 291 | 826 | 531 | 1550 | 2999 | 973 |
| Solyc02g080010.2.1 | -1.2471 | 6.751567 | 0.00013 | 0.005626 | 822 | 4315 | 3268 | 7038 | 12679 | 5003 |
| Solyc01g067070.2.1 | -1.2451 | 5.088298 | 0.000144 | 0.006099 | 343 | 1058 | 1100 | 2635 | 3992 | 1202 |
| Solyc08g081230.1.1 | -1.23942 | 5.897153 | 6.74E-05 | 0.003231 | 572 | 2164 | 1721 | 3581 | 7579 | 2667 |
| Solyc03g082920.2.1 | -1.23363 | 9.259365 | 4.12E-05 | 0.002179 | 5847 | 20096 | 20141 | 30689 | 68049 | 39221 |
| Solyc04g005550.1.1 | -1.22178 | 4.579466 | 0.000116 | 0.00514 | 203 | 898 | 746 | 1798 | 2479 | 1079 |
| Solyc03g034250.2.1 | -1.21931 | 4.487929 | 0.000206 | 0.008192 | 268 | 620 | 713 | 1904 | 2215 | 882 |
| Solyc04g011520.2.1 | -1.21813 | 5.720622 | 5.44E-05 | 0.002697 | 708 | 1527 | 1403 | 4166 | 5463 | 2200 |
| Solyc05g014980.2.1 | -1.2154 | 6.098961 | 2.11E-05 | 0.001277 | 817 | 2145 | 1957 | 5266 | 6774 | 3201 |
| Solyc08g066210.2.1 | -1.20525 | 5.646234 | 7.05E-05 | 0.003324 | 619 | 1687 | 1274 | 3606 | 5746 | 2029 |
| Solyc05g006510.1.1 | -1.20459 | 4.690075 | 0.000231 | 0.009018 | 244 | 1026 | 704 | 1526 | 3246 | 1162 |
| Solyc05g008310.2.1 | -1.19526 | 4.276382 | 0.000141 | 0.005973 | 206 | 686 | 556 | 1437 | 2013 | 868 |
| Solyc10g084400.1.1 | -1.19508 | 7.161639 | 8.04E-05 | 0.003719 | 1502 | 4519 | 4745 | 9631 | 16858 | 6111 |
| Solyc03g118040.2.1 | -1.19346 | 9.88685 | 4.78E-05 | 0.002451 | 9197 | 30681 | 32724 | 51434 | 101827 | 57627 |
| Solyc10g080770.1.1 | -1.18355 | 7.099958 | 0.000127 | 0.005512 | 1806 | 4169 | 3769 | 10950 | 13842 | 5701 |
| Solyc09g075450.2.1 | -1.18351 | 6.742211 | 0.000123 | 0.005384 | 1405 | 3072 | 3131 | 7303 | 12461 | 4517 |
| Solyc09g007910.2.1 | -1.17979 | 6.960264 | 5.88E-05 | 0.002877 | 1145 | 3758 | 4822 | 8935 | 11696 | 6621 |
| Solyc02g064680.2.1 | -1.17411 | 7.400055 | 0.000118 | 0.005181 | 1867 | 5805 | 5032 | 14786 | 13007 | 8346 |
| Solyc02g087330.2.1 | -1.15924 | 5.564918 | 6.60E-05 | 0.003181 | 505 | 1674 | 1441 | 3257 | 5392 | 1999 |
| Solyc01g104050.2.1 | -1.15744 | 5.384127 | 0.000228 | 0.008921 | 605 | 1160 | 1152 | 3330 | 4212 | 1689 |
| Solyc05g053930.2.1 | -1.15673 | 5.774164 | 5.93E-05 | 0.002891 | 676 | 1570 | 1781 | 3674 | 6157 | 2437 |
| Solyc11g017270.1.1 | -1.14924 | 6.765545 | 0.000182 | 0.007411 | 1467 | 3369 | 3001 | 8699 | 10582 | 4616 |
| Solyc08g079420.2.1 | -1.14797 | 6.325459 | 0.000232 | 0.009018 | 1080 | 2014 | 2680 | 5694 | 8926 | 3330 |
| Solyc01g100200.2.1 | -1.14491 | 6.314436 | 9.29E-05 | 0.004226 | 1038 | 2743 | 2033 | 5709 | 8116 | 3714 |
| Solyc06g009110.2.1 | -1.13672 | 5.129771 | 0.000206 | 0.008194 | 497 | 1091 | 910 | 2661 | 3487 | 1533 |
| Solyc06g073990.1.1 | -1.12462 | 5.021323 | 5.04E-05 | 0.002556 | 395 | 955 | 1096 | 2214 | 2716 | 1968 |
| Solyc04g079760.2.1 | -1.12031 | 7.857918 | 8.27E-05 | 0.003807 | 2539 | 7004 | 8501 | 16416 | 21096 | 12465 |
| Solyc10g051020.1.1 | -1.1147 | 7.730382 | 0.000146 | 0.006153 | 2248 | 8397 | 6097 | 16031 | 17518 | 11594 |
| Solyc03g115070.1.1 | -1.08009 | 4.700482 | 0.00017 | 0.006991 | 322 | 845 | 835 | 1817 | 2556 | 1246 |
| Solyc08g080680.2.1 | -1.07571 | 5.035458 | 0.000219 | 0.008629 | 396 | 1152 | 1004 | 2131 | 3606 | 1472 |
| Solyc12g099100.1.1 | -1.05953 | 6.380858 | 0.000133 | 0.00573 | 972 | 2968 | 2675 | 6055 | 7628 | 4101 |
| Solyc01g090430.2.1 | -1.05497 | 5.220277 | 0.000214 | 0.008481 | 529 | 1167 | 1104 | 2606 | 3585 | 1803 |

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|--------------------|----------|----------|----------|----------|-------|-------|-------|-------|-------|-------|
| Solyc03g007170.2.1 | -1.03205 | 5.799557 | 0.000127 | 0.005513 | 711 | 1785 | 1885 | 3739 | 5304 | 2825 |
| Solyc06g054010.2.1 | 1.00571 | 5.541305 | 0.000246 | 0.009508 | 1122 | 3382 | 3100 | 1373 | 1748 | 1614 |
| Solyc11g069190.1.1 | 1.007456 | 5.896831 | 0.000201 | 0.008028 | 1331 | 4248 | 4338 | 1907 | 2696 | 1633 |
| Solyc03g007370.2.1 | 1.048528 | 5.596316 | 0.000171 | 0.006999 | 1372 | 2797 | 3456 | 1330 | 1948 | 1598 |
| Solyc04g077340.2.1 | 1.11929 | 4.540935 | 0.000131 | 0.005666 | 485 | 1795 | 1773 | 740 | 961 | 599 |
| Solyc09g082980.2.1 | 1.12179 | 5.656813 | 2.21E-05 | 0.00133 | 1184 | 3809 | 3575 | 1382 | 2102 | 1484 |
| Solyc06g073180.2.1 | 1.126168 | 7.367213 | 0.000106 | 0.004733 | 3907 | 11075 | 13024 | 4776 | 5787 | 5297 |
| Solyc07g056240.2.1 | 1.144069 | 4.447126 | 0.000157 | 0.00651 | 540 | 1443 | 1687 | 581 | 791 | 712 |
| Solyc02g082760.2.1 | 1.167022 | 8.419747 | 0.000146 | 0.006126 | 9373 | 18847 | 28211 | 9022 | 12316 | 11057 |
| Solyc09g011010.2.1 | 1.17246 | 5.283084 | 0.000224 | 0.008798 | 763 | 2696 | 3499 | 782 | 1774 | 1231 |
| Solyc06g075660.2.1 | 1.183053 | 4.882182 | 0.000251 | 0.00966 | 487 | 2613 | 2349 | 839 | 1042 | 889 |
| Solyc03g082960.2.1 | 1.198063 | 6.040137 | 0.000187 | 0.007595 | 1615 | 4238 | 5415 | 1352 | 2315 | 2425 |
| Solyc08g005560.2.1 | 1.233751 | 5.415953 | 8.03E-05 | 0.003719 | 1174 | 2450 | 3528 | 803 | 2048 | 1235 |
| Solyc02g087060.2.1 | 1.237451 | 3.99613 | 0.000226 | 0.008876 | 388 | 1025 | 1348 | 494 | 461 | 477 |
| Solyc07g032380.2.1 | 1.288015 | 5.470253 | 7.32E-05 | 0.003428 | 819 | 3820 | 3612 | 872 | 1622 | 1481 |
| Solyc10g007110.2.1 | 1.329553 | 3.697684 | 0.000127 | 0.005512 | 399 | 972 | 786 | 269 | 512 | 376 |
| Solyc05g013380.2.1 | 1.33709 | 8.172046 | 4.19E-05 | 0.002193 | 8050 | 15480 | 25884 | 6060 | 10042 | 9101 |
| Solyc08g075120.2.1 | 1.33742 | 3.76131 | 0.000137 | 0.005861 | 261 | 973 | 1290 | 317 | 563 | 339 |
| Solyc03g098320.2.1 | 1.369254 | 5.833457 | 1.71E-05 | 0.001073 | 1089 | 4750 | 4913 | 1058 | 2423 | 1581 |
| Solyc12g040790.1.1 | 1.418508 | 6.588936 | 3.92E-05 | 0.002108 | 1499 | 9234 | 8243 | 1956 | 3551 | 2691 |
| Solyc11g012850.1.1 | 1.442782 | 6.16101 | 1.06E-06 | 0.000103 | 1667 | 5898 | 5626 | 1526 | 2300 | 2090 |
| Solyc05g011890.1.1 | 1.443192 | 7.823038 | 1.44E-05 | 0.000928 | 4382 | 17199 | 21724 | 7451 | 6272 | 4878 |
| Solyc08g075490.2.1 | 1.451398 | 5.537502 | 3.16E-05 | 0.001777 | 1659 | 2786 | 3108 | 680 | 1763 | 1451 |
| Solyc05g055840.2.1 | 1.469618 | 3.511831 | 0.00025 | 0.009624 | 243 | 716 | 1184 | 225 | 310 | 374 |
| Solyc03g120420.2.1 | 1.504012 | 4.296646 | 0.000148 | 0.006211 | 764 | 1022 | 1342 | 523 | 380 | 598 |
| Solyc05g005960.2.1 | 1.504922 | 6.06359 | 3.24E-05 | 0.001814 | 1327 | 5183 | 6388 | 1041 | 1982 | 2265 |
| Solyc01g107460.2.1 | 1.552098 | 7.050857 | 0.000105 | 0.004721 | 1926 | 8948 | 16168 | 3349 | 3039 | 3680 |
| Solyc05g009080.2.1 | 1.571707 | 4.384785 | 8.13E-06 | 0.000579 | 478 | 1402 | 2084 | 340 | 660 | 620 |
| Solyc11g072110.1.1 | 1.59079 | 3.906978 | 0.00014 | 0.005973 | 329 | 861 | 1687 | 266 | 346 | 497 |
| Solyc12g099930.1.1 | 1.594774 | 8.580382 | 5.78E-05 | 0.002836 | 8956 | 25559 | 38273 | 5717 | 8713 | 13695 |
| Solyc06g072710.2.1 | 1.608997 | 5.789111 | 0.000242 | 0.009349 | 1061 | 3704 | 6180 | 594 | 1481 | 2020 |
| Solyc08g065220.2.1 | 1.61024 | 8.887752 | 3.07E-05 | 0.001742 | 13114 | 27844 | 45771 | 7145 | 11199 | 16376 |
| Solyc02g087840.2.1 | 1.630282 | 2.100895 | 0.00014 | 0.005965 | 127 | 314 | 330 | 121 | 96 | 97 |
| Solyc03g112760.2.1 | 1.663908 | 5.843272 | 0.00012 | 0.005289 | 1016 | 4066 | 6559 | 546 | 2060 | 1726 |
| Solyc04g054740.2.1 | 1.688605 | 9.516011 | 2.82E-05 | 0.001633 | 27568 | 41235 | 54653 | 17124 | 11110 | 21877 |
| Solyc08g082590.2.1 | 1.707097 | 5.496629 | 1.96E-06 | 0.000174 | 737 | 3370 | 5230 | 888 | 1173 | 1164 |
| Solyc02g037550.2.1 | 1.734469 | 5.653429 | 0.000188 | 0.00762 | 1468 | 3360 | 4502 | 2186 | 851 | 461 |
| Solyc09g011080.2.1 | 1.757379 | 4.882802 | 0.000226 | 0.008877 | 776 | 932 | 3911 | 839 | 474 | 665 |
| Solyc02g072540.2.1 | 1.796279 | 5.201799 | 8.54E-06 | 0.000602 | 911 | 2707 | 3574 | 441 | 755 | 1230 |
| Solyc10g083940.1.1 | 1.921586 | 1.84771 | 9.19E-05 | 0.004192 | 98 | 319 | 283 | 93 | 122 | 29 |
| Solyc03g123580.2.1 | 1.979813 | 1.266283 | 0.0002 | 0.008015 | 76 | 220 | 158 | 29 | 47 | 68 |
| Solyc02g063030.2.1 | 2.013739 | 3.624256 | 3.38E-06 | 0.000272 | 183 | 924 | 1601 | 191 | 329 | 244 |
| Solyc03g025710.2.1 | 2.13995 | 4.212043 | 0.000239 | 0.009242 | 218 | 1543 | 2494 | 222 | 169 | 569 |
| Solyc01g102610.2.1 | 2.141276 | 6.227184 | 2.80E-08 | 4.54E-06 | 1357 | 5313 | 9731 | 1103 | 1467 | 1618 |
| Solyc04g080040.2.1 | 2.306184 | 4.695605 | 9.06E-09 | 1.72E-06 | 783 | 1876 | 2595 | 366 | 292 | 601 |
| Solyc10g084430.1.1 | 3.06431 | 0.961693 | 7.14E-07 | 7.40E-05 | 34 | 144 | 285 | 16 | 22 | 24 |
| Solyc02g078150.2.1 | 3.63357 | 2.683671 | 9.23E-06 | 0.00064 | 559 | 183 | 131 | 26 | 101 | 36 |
| Solyc05g007080.2.1 | 4.529816 | -1.54383 | 1.13E-05 | 0.000758 | 14 | 23 | 35 | 0 | 3 | 1 |
| RRNA_11_20 | 7.863301 | 6.037138 | 1.59E-05 | 0.001 | 7248 | 56 | 43 | 58 | 7 | 15 |
| Solyc11g027710.1.1 | 13.70892 | 4.158088 | 4.43E-05 | 0.0023 | 2002 | 0 | 0 | 0 | 0 | 0 |

Supplementary Table S5: GO enrichment analysis. *S. lycopersicum* leaf tissue during *P. infestans* invasion at 24 hpi. Gene to GO BP Conditional test for over-representation

| GOBPID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|---|
| GO:0019605 | 0.000 | 804.489 | 0 | 2 | 7 | butyrate metabolic process |
| GO:0046916 | 0.002 | 35.384 | 0 | 2 | 115 | cellular transition metal ion homeostasis |
| GO:0051707 | 0.002 | 9.532 | 1 | 4 | 1028 | response to other organism |
| GO:0071395 | 0.003 | 31.711 | 0 | 2 | 128 | cellular response to jasmonic acid stimulus |
| GO:0009607 | 0.003 | 8.609 | 1 | 4 | 1131 | response to biotic stimulus |
| GO:0007568 | 0.004 | 25.799 | 0 | 2 | 175 | aging |
| GO:0030003 | 0.005 | 23.035 | 0 | 2 | 175 | cellular cation homeostasis |
| GO:0080187 | 0.005 | 258.557 | 0 | 1 | 8 | floral organ senescence |
| GO:0055065 | 0.006 | 19.795 | 0 | 2 | 203 | metal ion homeostasis |
| GO:0006955 | 0.007 | 9.881 | 0 | 3 | 665 | immune response |
| GO:1990169 | 0.007 | 180.960 | 0 | 1 | 11 | stress response to copper ion |
| GO:0050832 | 0.007 | 19.742 | 0 | 2 | 228 | defense response to fungus |
| GO:0009751 | 0.007 | 18.847 | 0 | 2 | 213 | response to salicylic acid |
| GO:1900056 | 0.008 | 150.783 | 0 | 1 | 13 | negative regulation of leaf senescence |
| GO:0009605 | 0.009 | 6.569 | 1 | 4 | 1453 | response to external stimulus |
| GO:0055082 | 0.009 | 16.613 | 0 | 2 | 241 | cellular chemical homeostasis |
| GO:0010623 | 0.009 | 129.229 | 0 | 1 | 15 | developmental programmed cell death |
| GO:0071407 | 0.009 | 16.134 | 0 | 2 | 248 | cellular response to organic cyclic compound |
| GO:0030001 | 0.010 | 15.808 | 0 | 2 | 253 | metal ion transport |
| GO:0009750 | 0.012 | 95.195 | 0 | 1 | 20 | response to fructose |
| GO:0009626 | 0.012 | 14.096 | 0 | 2 | 283 | plant-type hypersensitive response |
| GO:0050801 | 0.014 | 13.057 | 0 | 2 | 305 | ion homeostasis |
| GO:0009862 | 0.014 | 78.622 | 0 | 1 | 24 | systemic acquired resistance, salicylic acid mediated signaling pathway |
| GO:0009864 | 0.016 | 69.538 | 0 | 1 | 27 | induced systemic resistance, jasmonic acid mediated signaling pathway |
| GO:0006952 | 0.017 | 5.248 | 1 | 4 | 1782 | defense response |
| GO:0009749 | 0.020 | 54.767 | 0 | 1 | 34 | response to glucose |
| GO:0009817 | 0.020 | 54.767 | 0 | 1 | 34 | defense response to fungus, incompatible interaction |
| GO:0044700 | 0.022 | 4.854 | 1 | 4 | 1911 | single organism signaling |
| GO:0006631 | 0.023 | 10.016 | 0 | 2 | 395 | fatty acid metabolic process |
| GO:0009411 | 0.025 | 45.424 | 0 | 1 | 45 | response to UV |
| GO:0002237 | 0.028 | 39.261 | 0 | 1 | 47 | response to molecule of bacterial origin |
| GO:0009863 | 0.029 | 38.528 | 0 | 1 | 53 | salicylic acid mediated signaling pathway |
| GO:0051716 | 0.029 | 3.955 | 2 | 5 | 3156 | cellular response to stimulus |
| GO:0034284 | 0.029 | 37.621 | 0 | 1 | 49 | response to monosaccharide |
| GO:2000024 | 0.034 | 32.232 | 0 | 1 | 57 | regulation of leaf development |

| | | | | | | |
|------------|-------|--------|---|---|------|--------------------------------------|
| GO:0008219 | 0.035 | 7.939 | 0 | 2 | 495 | cell death |
| GO:0007154 | 0.036 | 4.123 | 1 | 4 | 2208 | cell communication |
| GO:0048827 | 0.038 | 7.515 | 0 | 2 | 522 | phyllome development |
| GO:0009744 | 0.039 | 28.191 | 0 | 1 | 65 | response to sucrose |
| GO:0010224 | 0.045 | 24.368 | 0 | 1 | 75 | response to UV-B |
| GO:0009835 | 0.048 | 22.532 | 0 | 1 | 81 | fruit ripening |

Gene to GO CC Conditional test for over-representation

| GOCCID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|---|
| GO:0010282 | 0.006 | 198.587 | 0 | 1 | 9 | senescence-associated vacuole |
| GO:0005777 | 0.011 | 14.063 | 0 | 2 | 244 | peroxisome |
| GO:0005741 | 0.044 | 24.374 | 0 | 1 | 66 | mitochondrial outer membrane |

Gene to GO MF Conditional test for over-representation

| GOMFID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|--|
| GO:0047760 | 0.000 | 747.000 | 0 | 2 | 6 | butyrate-CoA ligase activity |
| GO:0016877 | 0.001 | 63.434 | 0 | 2 | 49 | ligase activity, forming carbon-sulfur bonds |
| GO:0005509 | 0.020 | 10.482 | 0 | 2 | 283 | calcium ion binding |
| GO:0004197 | 0.036 | 30.093 | 0 | 1 | 47 | cysteine-type endopeptidase activity |

Supplementary Table S6: GO enrichment analysis. *S. lycopersicum* leaf tissue during *B. cinerea* invasion at 24 hpi. Gene to GO BP Conditional test for over-representation

| GOBPID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|--|
| GO:0015783 | 0.002 | 754.250 | 0 | 1 | 3 | GDP-fucose transport |
| GO:0015786 | 0.004 | 377.083 | 0 | 1 | 5 | UDP-glucose transport |
| GO:0072334 | 0.004 | 377.083 | 0 | 1 | 5 | UDP-galactose transmembrane transport |
| GO:0009833 | 0.004 | 301.650 | 0 | 1 | 6 | plant-type primary cell wall biogenesis |
| GO:1901679 | 0.004 | 301.650 | 0 | 1 | 6 | nucleotide transmembrane transport |
| GO:0015931 | 0.006 | 20.918 | 0 | 2 | 158 | nucleobase-containing compound transport |
| GO:0072531 | 0.006 | 215.440 | 0 | 1 | 8 | pyrimidine-containing compound transmembrane transport |
| GO:0010274 | 0.011 | 100.494 | 0 | 1 | 16 | hydrotropism |
| GO:0015780 | 0.016 | 71.758 | 0 | 1 | 22 | nucleotide-sugar transport |
| GO:0071669 | 0.016 | 12.009 | 0 | 2 | 272 | plant-type cell wall organization or biogenesis |
| GO:1901000 | 0.018 | 62.778 | 0 | 1 | 25 | regulation of response to salt stress |
| GO:2000070 | 0.019 | 60.263 | 0 | 1 | 26 | regulation of response to water deprivation |
| GO:0033609 | 0.021 | 53.798 | 0 | 1 | 29 | oxalate metabolic process |
| GO:0006383 | 0.021 | 53.798 | 0 | 1 | 29 | transcription from RNA polymerase III promoter |
| GO:0006284 | 0.028 | 38.600 | 0 | 1 | 40 | base-excision repair |
| GO:0009827 | 0.029 | 37.633 | 0 | 1 | 41 | plant-type cell wall modification |
| GO:0015748 | 0.033 | 32.714 | 0 | 1 | 47 | organophosphate ester transport |
| GO:0048653 | 0.034 | 32.016 | 0 | 1 | 48 | anther development |
| GO:0031408 | 0.041 | 26.385 | 0 | 1 | 58 | oxylipin biosynthetic process |
| GO:0045489 | 0.042 | 25.928 | 0 | 1 | 59 | pectin biosynthetic process |
| GO:0030244 | 0.048 | 22.434 | 0 | 1 | 68 | cellulose biosynthetic process |

Gene to GO BP Conditional test for under-representation

| GOBPID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|--|
| GO:0050794 | 0.017 | 0.000 | 4 | 0 | 4892 | regulation of cellular process |
| GO:0065007 | 0.037 | 0.165 | 4 | 1 | 6083 | biological regulation |

Gene to GO CC Conditional test for over-representation

| GOCCID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|--|
| GO:0032541 | 0.010 | 113.445 | 0 | 1 | 15 | cortical endoplasmic reticulum |
| GO:0005793 | 0.012 | 93.412 | 0 | 1 | 18 | endoplasmic reticulum-Golgi intermediate compartment |
| GO:0005666 | 0.016 | 69.023 | 0 | 1 | 24 | DNA-directed RNA polymerase III complex |
| GO:0098827 | 0.017 | 63.495 | 0 | 1 | 26 | endoplasmic reticulum subcompartment |
| GO:0044425 | 0.028 | 3.228 | 5 | 9 | 7406 | membrane part |
| GO:0016021 | 0.048 | 2.800 | 5 | 8 | 6673 | integral component of membrane |

Gene to GO MF Conditional test for over-representation

| GOMFID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|--------|--------|-----------|----------|-------|------|------|
|--------|--------|-----------|----------|-------|------|------|

| | | | | | | |
|------------|-------|---------|---|---|------|---|
| GO:0015605 | 0.000 | 78.805 | 0 | 2 | 43 | organophosphate ester transmembrane transporter activity |
| GO:0052821 | 0.002 | 747.115 | 0 | 1 | 3 | DNA-7-methyladenine glycosylase activity |
| GO:0052822 | 0.002 | 747.115 | 0 | 1 | 3 | DNA-3-methylguanine glycosylase activity |
| GO:0043916 | 0.002 | 747.115 | 0 | 1 | 3 | DNA-7-methylguanine glycosylase activity |
| GO:0005457 | 0.002 | 747.115 | 0 | 1 | 3 | GDP-fucose transmembrane transporter activity |
| GO:0005460 | 0.004 | 373.519 | 0 | 1 | 5 | UDP-glucose transmembrane transporter activity |
| GO:0005459 | 0.004 | 373.519 | 0 | 1 | 5 | UDP-galactose transmembrane transporter activity |
| GO:0016207 | 0.004 | 298.800 | 0 | 1 | 6 | 4-coumarate-CoA ligase activity |
| GO:0008725 | 0.008 | 149.362 | 0 | 1 | 11 | DNA-3-methyladenine glycosylase activity |
| GO:0005347 | 0.010 | 114.876 | 0 | 1 | 14 | ATP transmembrane transporter activity |
| GO:0015932 | 0.013 | 89.727 | 0 | 1 | 19 | nucleobase-containing compound transmembrane transporter activity |
| GO:0015216 | 0.013 | 87.828 | 0 | 1 | 18 | purine nucleotide transmembrane transporter activity |
| GO:0005338 | 0.013 | 87.828 | 0 | 1 | 18 | nucleotide-sugar transmembrane transporter activity |
| GO:0008509 | 0.016 | 11.960 | 0 | 2 | 269 | anion transmembrane transporter activity |
| GO:0019104 | 0.019 | 57.399 | 0 | 1 | 27 | DNA N-glycosylase activity |
| GO:0046564 | 0.019 | 57.399 | 0 | 1 | 27 | oxalate decarboxylase activity |
| GO:0005337 | 0.021 | 53.294 | 0 | 1 | 29 | nucleoside transmembrane transporter activity |
| GO:0016877 | 0.035 | 31.056 | 0 | 1 | 49 | ligase activity, forming carbon-sulfur bonds |
| GO:0030145 | 0.039 | 27.597 | 0 | 1 | 55 | manganese ion binding |
| GO:0022892 | 0.041 | 4.570 | 1 | 3 | 1097 | substrate-specific transporter activity |
| GO:0016702 | 0.042 | 25.252 | 0 | 1 | 60 | oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen |

Supplementary Table S7: GO enrichment analysis. *S. lycopersicum* leaf tissue during *B. cinerea* invasion at 24 hpi. Down regulated genes. Gene to GO BP Conditional test for over-representation

| GOBPID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|---|
| GO:0009733 | 0.000 | 20.764 | 0 | 5 | 534 | response to auxin |
| GO:0009734 | 0.001 | 18.582 | 0 | 3 | 322 | auxin-activated signaling pathway |
| GO:0006811 | 0.002 | 10.356 | 1 | 4 | 749 | ion transport |
| GO:0006865 | 0.002 | 39.960 | 0 | 2 | 84 | amino acid transport |
| GO:0010930 | 0.002 | 754.250 | 0 | 1 | 3 | negative regulation of auxin mediated signaling pathway |
| GO:0080143 | 0.003 | 502.806 | 0 | 1 | 4 | regulation of amino acid export |
| GO:0032890 | 0.005 | 251.361 | 0 | 1 | 7 | regulation of organic acid transport |
| GO:0051952 | 0.005 | 251.361 | 0 | 1 | 7 | regulation of amine transport |
| GO:0015711 | 0.006 | 20.137 | 0 | 2 | 164 | organic anion transport |
| GO:0032870 | 0.006 | 6.951 | 1 | 4 | 1092 | cellular response to hormone stimulus |
| GO:0009719 | 0.006 | 5.665 | 1 | 5 | 1804 | response to endogenous stimulus |
| GO:0001736 | 0.006 | 188.500 | 0 | 1 | 9 | establishment of planar polarity |
| GO:0007165 | 0.008 | 5.397 | 1 | 5 | 1884 | signal transduction |
| GO:0023052 | 0.008 | 5.305 | 1 | 5 | 1913 | signaling |
| GO:0065007 | 0.009 | 4.456 | 4 | 9 | 6083 | biological regulation |
| GO:0048829 | 0.010 | 115.968 | 0 | 1 | 14 | root cap development |
| GO:0010492 | 0.011 | 100.494 | 0 | 1 | 16 | maintenance of shoot apical meristem identity |
| GO:0009635 | 0.013 | 88.662 | 0 | 1 | 18 | response to herbicide |
| GO:0010033 | 0.014 | 4.597 | 2 | 5 | 2172 | response to organic substance |
| GO:0002009 | 0.016 | 68.492 | 0 | 1 | 23 | morphogenesis of an epithelium |
| GO:0010167 | 0.016 | 68.492 | 0 | 1 | 23 | response to nitrate |
| GO:0009641 | 0.017 | 65.511 | 0 | 1 | 24 | shade avoidance |
| GO:0070887 | 0.018 | 4.989 | 1 | 4 | 1485 | cellular response to chemical stimulus |
| GO:0009958 | 0.022 | 50.206 | 0 | 1 | 31 | positive gravitropism |
| GO:0044070 | 0.027 | 40.691 | 0 | 1 | 38 | regulation of anion transport |
| GO:0010311 | 0.028 | 38.600 | 0 | 1 | 40 | lateral root formation |
| GO:0006857 | 0.029 | 37.633 | 0 | 1 | 41 | oligopeptide transport |
| GO:0015706 | 0.030 | 35.837 | 0 | 1 | 43 | nitrate transport |
| GO:0042128 | 0.035 | 30.706 | 0 | 1 | 50 | nitrate assimilation |
| GO:0022622 | 0.036 | 7.655 | 0 | 2 | 422 | root system development |
| GO:0019827 | 0.039 | 27.855 | 0 | 1 | 55 | stem cell population maintenance |
| GO:0010286 | 0.039 | 27.347 | 0 | 1 | 56 | heat acclimation |
| GO:0042886 | 0.040 | 26.857 | 0 | 1 | 57 | amide transport |
| GO:0010218 | 0.042 | 25.928 | 0 | 1 | 59 | response to far red light |
| GO:2001057 | 0.043 | 25.061 | 0 | 1 | 61 | reactive nitrogen species metabolic process |
| GO:0009629 | 0.043 | 25.061 | 0 | 1 | 61 | response to gravity |

| | | | | | | |
|------------|-------|--------|---|---|------|---|
| GO:0048513 | 0.044 | 4.489 | 1 | 3 | 1137 | organ development |
| GO:0048519 | 0.048 | 4.342 | 1 | 3 | 1173 | negative regulation of biological process |
| GO:0010101 | 0.048 | 22.434 | 0 | 1 | 68 | post-embryonic root morphogenesis |
| GO:0048765 | 0.049 | 21.781 | 0 | 1 | 70 | root hair cell differentiation |
| GO:1902578 | 0.049 | 3.517 | 1 | 4 | 2035 | single-organism localization |
| GO:0010054 | 0.050 | 21.469 | 0 | 1 | 71 | trichoblast differentiation |

Gene to GO CC Conditional test for over-representation

| GOCCID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|------------------------------|
| GO:0009986 | 0.022 | 50.559 | 0 | 1 | 35 | cell surface |

Gene to GO MF Conditional test for over-representation

| GOMFID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|------|---|
| GO:0008251 | 0.002 | 747.115 | 0 | 1 | 3 | tRNA-specific adenosine deaminase activity |
| GO:0015293 | 0.005 | 21.135 | 0 | 2 | 154 | symporter activity |
| GO:0010328 | 0.006 | 213.407 | 0 | 1 | 8 | auxin influx transmembrane transporter activity |
| GO:0010011 | 0.011 | 106.665 | 0 | 1 | 15 | auxin binding |
| GO:0019239 | 0.012 | 93.322 | 0 | 1 | 17 | deaminase activity |
| GO:0016814 | 0.016 | 67.850 | 0 | 1 | 23 | hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amidines |
| GO:0015112 | 0.031 | 34.676 | 0 | 1 | 44 | nitrate transmembrane transporter activity |
| GO:0016799 | 0.042 | 25.688 | 0 | 1 | 59 | hydrolase activity, hydrolyzing N-glycosyl compounds |
| GO:0016597 | 0.043 | 24.829 | 0 | 1 | 61 | amino acid binding |
| GO:0018024 | 0.046 | 23.273 | 0 | 1 | 65 | histone-lysine N-methyltransferase activity |

Gene to GO MF Conditional test for under-representation

| GOMFID | Pvalue | OddsRatio | ExpCount | Count | Size | Term |
|------------|--------|-----------|----------|-------|-------|--|
| GO:0003824 | 0.022 | 0.281 | 8 | 4 | 11423 | catalytic activity |
| GO:0000166 | 0.023 | 0.000 | 3 | 0 | 4596 | nucleotide binding |
| GO:0001882 | 0.045 | 0.000 | 3 | 0 | 3862 | nucleoside binding |
| GO:0032555 | 0.045 | 0.000 | 3 | 0 | 3861 | purine ribonucleotide binding |
| GO:0032550 | 0.046 | 0.000 | 3 | 0 | 3839 | purine ribonucleoside binding |
| GO:0035639 | 0.047 | 0.000 | 3 | 0 | 3818 | purine ribonucleoside triphosphate binding |