Table S1 Up-regulated genes in *LeMCM2* silenced lines

|  |  |  |
| --- | --- | --- |
| Ensembl | Ratio | Gene Title |
| Solyc10g009150.2 | 25.6921 | organ-specific protein S2-like |
| Solyc07g055990.2 | 16.901 | xyloglucan endotransglucosylase-hydrolase XTH9 |
| Solyc07g052510.2 | 13.2539 | peroxidase 3-like |
| Solyc05g007210.2 | 12.2706 | transcription factor bHLH135-like |
| Solyc09g074300.1 | 11.268 | histone H2AX-like |
| Solyc01g086800.2 | 10.9212 | Histone H3  |
| Solyc10g008320.1 | 10.7013 | unknown Protein |
| Solyc04g074740.2 | 8.9966 | blue copper protein-like |
| Solyc11g073260.1 | 8.1281 | histone H2A-like |
| Solyc11g066430.1 | 8.1042 | histone H2B-2 |
| Solyc11g072860.1 | 7.9302 | histone H4 |
| Solyc02g081340.2 | 7.6181 | glutathione S-transferase F11-like |
| Solyc02g094160.1 | 7.5435 | ribonucleoside-diphosphate reductase small chain-like |
| Solyc03g116060.2 | 7.467 | Gibberellin-regulated protein |
| Solyc01g086820.2 | 7.3815 | Histone H3 |
| Solyc04g081250.1 | 7.0858 | indole-3-acetic acid-induced protein ARG7-like |
| Solyc06g060760.2 | 6.9856 | TIP protein |
| Solyc05g015330.1 | 6.9626 | nuclear transcription factor Y subunit C-4-like |
| Solyc09g083380.2 | 6.8661 | unknown protein |
| [Solyc05g007830.2](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc05g007830.2.1) | 6.8114 | expansin12 |
| Solyc10g008910.1 | 6.7164 | histone H3.2-like |
| Solyc06g076660.2 | 6.4651 | proliferating cell nuclear antigen |
| Solyc01g079110.2 | 6.3624 | histone H3.2-like |
| Solyc05g007450.2 | 6.3539 | origin recognition complex subunit 6-like |
| Solyc11g011210.1 | 6.0547 | RSI-1 protein |
| Solyc03g118780.2 | 5.7721 | thaumatin-like protein-like |
| Solyc07g065540.1 | 5.7504 | fasciclin-like arabinogalactan protein 1-like |
| Solyc06g076860.2 | 5.6466 | cell division control protein 6 homolog |
| Solyc03g025190.2 | 5.6273 | unknown protein |
| Solyc07g018300.2 | 5.4994 | replication protein A 32 kDa subunit A-like |
| [Solyc06g074790.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc06g074790.1;r=6:46323045-46323473;t=Solyc06g074790.1.1;db=core) | 5.4241 | histone H2B |
| Solyc04g011390.1 | 5.3557 | histone H4 |
| Solyc06g061200.1 | 5.2594 | glycine-rich protein LeGRP1 |
| Solyc07g005020.2 | 5.1963 | DNA replication licensing factor mcm5-A-like |
| Solyc06g050320.2 | 5.1334 | high mobility group B protein 7-like |
| Solyc09g005480.2 | 5.0384 | F-box protein At2g40925-like |
| Solyc12g008680.1 | 5.0088 | meiotic nuclear division protein 1 homolog |
| Solyc08g023280.2 | 5.0056 | protein BREAST CANCER SUSCEPTIBILITY 1 homolog |
| Solyc02g083490.2 | 4.9499 | peroxidase 64-like |
| Solyc08g080620.1 | 4.9203 | PR-5x |
| Solyc01g079500.2 | 4.7584 | protein PROLIFERA-like |
| Solyc01g079830.2 | 4.7045 | unknown protein |
| Solyc12g100330.1 | 4.6715 | DNA (cytosine-5)-methyltransferase 3-like |
| Solyc01g100030.2 | 4.6138 | deoxyuridine triphosphatase |
| Solyc01g099630.2 | 4.5339 | endo-xyloglucan transferase |
| Solyc01g111590.2 | 4.4939 | WD-40 repeat-containing protein MSI2-like |
| Solyc07g043000.2 | 4.4377 | proline rich protein |
| Solyc01g105310.2 | 4.3539 | metacaspase-1-like |
| [Solyc02g094160.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc02g094160.1;r=2:54781159-54782148;t=Solyc02g094160.1.1;db=core) | 4.3511 | Ribonucleoside-diphosphate reductase small chain  |
| Solyc08g082820.2 | 4.345 | glucose-regulated protein 78 |
| Solyc11g065760.1 | 4.3436 | TK1-like deoxyribonucleoside kinase |
| Solyc07g024070.1 | 4.239 | Ubiquitin-conjugating enzyme E2 |
| Solyc01g096450.2 | 4.147 | protein ASPARTIC PROTEASE IN GUARD CELL 2-like |
| [Solyc09g090680.2](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc09g090680.2;r=9:70129409-70131554;t=Solyc09g090680.2.1;db=core) | 4.0878 | unknown protein |
| Solyc05g008480.2 | 4.0826 | probable histone chaperone ASF1A-like |
| Solyc04g076190.1 | 3.9835 | aspartic proteinase nepenthesin-1-like |
| Solyc10g055740.1 | 3.9574 | lysine histidine transporter-like 8-like |
| Solyc06g051800.2 | 3.9523 | expansin |
| [Solyc11g066950.1](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc11g066950.1.1) | 3.9147 | Stress responsive A/B barrel domain family protein |
| Solyc11g012320.1 | 3.9099 | unknown protein |
| Solyc03g114800.1 | 3.8642 | flavonol 4'-sulfotransferase-like |
| [Solyc11g005150.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc11g005150.1;r=11:138722-140581;t=Solyc11g005150.1.1;db=core) | 3.8197 | extensin (class II) |
| Solyc04g082140.2 | 3.8156 | pectinesterase |
| Solyc10g085550.1 | 3.7444 | enolase-like |
| Solyc01g105070.2 | 3.6947 | peroxidase |
| Solyc08g006630.2 | 3.6697 | unknown protein |
| Solyc01g105010.2 | 3.5794 | non-specific lipid-transfer protein-like protein At2g13820-like |
| Solyc01g006090.2 | 3.5746 | probable rRNA-processing protein EBP2 homolog |
| Solyc03g080190.2 | 3.5731 | flavonoid biosynthesis oxidoreductase protein |
| Solyc11g040120.1 | 3.5069 | DNA replication licensing factor mcm2-like |
| Solyc11g007940.1 | 3.4965 | RNA-binding protein Nova-1-like /// RNA-binding protein Nova-2-like |
| Solyc01g079610.2 | 3.4833 | dnaJ homolog subfamily B member 11-like |
| Solyc03g114890.2 | 3.4757 | COBRA-like protein 4-like |
| Solyc09g011420.2 | 3.4718 | NHP2-like protein 1-like |
| Solyc06g005560.2 | 3.4433 | expansin9 |
| Solyc02g082830.1 | 3.4316 | phosphoserine aminotransferase, chloroplastic-like |
| Solyc09g008630.2 | 3.3769 | DNA replication complex GINS protein psf1-like |
| Solyc07g052240.2 | 3.3763 | L-ascorbate oxidase homolog |
| Solyc06g075650.2 | 3.3677 | aquaporin TIP1-3-like |
| Solyc05g010010.1 | 3.3636 | unknown protein |
| Solyc02g084010.1 | 3.3469 | auxin-induced protein X10A-like |
| Solyc02g082170.1 | 3.3444 | probable purine permease 4-like |
| Solyc03g117560.2 | 3.3112 | lamin-like protein-like |
| Solyc09g057960.1 | 3.3053 | cysteine-rich repeat secretory protein 55-like |
| Solyc03g033390.2 | 3.2956 | F-box protein At4g35930-like |
| Solyc06g083080.2 | 3.2843 | unknown protein |
| Solyc10g076730.1 | 3.2676 | 21 kDa protein-like |
| Solyc11g005800.1 | 3.2544 | chromatin assembly factor 1 subunit FAS2-like |
| Solyc10g054280.1 | 3.2437 | pseudouridine-5'-monophosphatase-like |
| [Solyc06g007910.2](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc06g007910.2;r=6:1795940-1797216;t=Solyc06g007910.2.1;db=core) | 3.2401 | Gibberellin regulated protein |
| Solyc09g008320.2 | 3.2249 | probable xyloglucan endotransglucosylase/hydrolase protein 32-like |
| Solyc06g007130.2 | 3.2132 | omega-3 fatty acid desaturase |
| Solyc04g080940.2 | 3.1652 | auxin-induced protein 5NG4-like |
| Solyc05g052810.2 | 3.1649 | probable sugar phosphate/phosphate translocator At3g11320-like |
| Solyc09g015770.2 | 3.1586 | WRKY transcription factor 6 |
| Solyc08g081150.2 | 3.1426 | GMP synthase [glutamine-hydrolyzing]-like |
| Solyc07g053350.2 | 3.1404 | unknown protein |
| Solyc10g074720.1 | 3.1379 | B1-type cyclin dependent kinase |
| Solyc01g106260.2 | 3.1056 | heat shock 70 kDa protein, mitochondrial-like |
| Solyc07g053480.2 | 3.1053 | ras-related protein RABA1f-like |
| Solyc09g082710.2 | 3.0526 | probable histone H2AXb-like |
| Solyc12g099160.1 | 3.0497 | serine carboxypeptidase-like 33-like |
| Solyc01g068130.2 | 3.0077 | unknown protein |
| Solyc11g073250.1 | 3.0043 | histone H2A-like |
| Solyc06g050630.2 | 2.9897 | arogenate dehydrogenase 1, chloroplastic-like |
| Solyc05g007150.2 | 2.9827 | UDP-galactose/UDP-glucose transporter 3-like |
| Solyc01g016470.2 | 2.9553 | 60S acidic ribosomal protein P1-1-like |
| Solyc03g096840.2.1 | 2.9491 | Seed specific protein Bn15D1B  |
| Solyc09g008840.2 | 2.9486 | pyruvate kinase, cytosolic isozyme-like |
| Solyc07g008240.2 | 2.936 | non-symbiotic hemoglobin class 1 |
| Solyc03g095770.2 | 2.9204 | probable WRKY transcription factor 70-like |
| Solyc05g050900.2 | 2.9118 | spindle and kinetochore-associated protein 1 homolog |
| Solyc07g065110.1 | 2.9049 | Protease inhibitor/seed storage/lipid transfer protein family protein  |
| Solyc10g083510.1 | 2.9011 | growth-regulating factor 2-like |
| Solyc03g007170.2 | 2.8976 | peptidyl-prolyl cis-trans isomerase FKBP53-like |
| Solyc06g076640.2 | 2.8958 | tubulin beta-1 chain-like |
| [Solyc06g083140.2.1](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc06g083140.2.1) | 2.8927 | auxin-induced in root cultures protein 12-like |
| Solyc02g062700.2 | 2.8845 | ATPase family AAA domain-containing protein 3-like |
| Solyc01g099410.2 | 2.8801 | histone H2A.1-like |
| Solyc02g087880.2 | 2.8792 | tubulin alpha chain-like |
| Solyc06g083470.2 | 2.874 | tropinone reductase homolog At1g07440-like |
| Solyc11g065190.1 | 2.8722 | ubiquitin-conjugating enzyme E2 19-like |
| Solyc01g102330.2 | 2.8604 | probable carbohydrate esterase At4g34215-like |
| Solyc08g005650.2 | 2.841 | premnaspirodiene oxygenase-like |
| Solyc06g075830.1 | 2.8355 | histone H4-like |
| Solyc10g084320.1.1 | 2.8271 | subtilisin-like protease-like |
| Solyc05g007300.2 | 2.8269 | HVA22-like protein c-like |
| Solyc10g086520.1 | 2.8147 | expansin |
| [Solyc12g088170.1.1](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc12g088170.1.1) | 2.8142 | anthocyanin acyltransferase |
| Solyc01g007910.2 | 2.8117 | succinyl-CoA ligase alpha 1 subunit |
| Solyc01g110060.2 | 2.8047 | acid phosphatase |
| Solyc04g051470.1 | 2.8033 | Unknown Protein  |
| Solyc02g087330.2 | 2.779 | unknown protein |
| Solyc10g086760.1 | 2.7741 | tubulin beta-1 chain-like |
| Solyc11g042610.1 | 2.7739 | 40S ribosomal protein S5-1-like |
| Solyc03g098720.2 | 2.7701 | trypsin inhibitor A-like |
| Solyc09g089670.2 | 2.7695 | unknown protein |
| Solyc09g092080.2 | 2.7693 | NHP2-like protein 1-like |
| Solyc01g096800.2 | 2.7625 | peter Pan-like protein-like |
| Solyc01g089850.2 | 2.7567 | cyclin-U4-1-like |
| Solyc03g123620.2 | 2.7349 | pectinesterase 3-like |
| Solyc04g081360.2 | 2.7242 | tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit trm6-like |
| Solyc01g088500.2 | 2.6853 | unknown protein |
| Solyc11g006860.1 | 2.6819 | ribonuclease H2 subunit A-like |
| Solyc03g031460.1 | 2.6755 | pentatricopeptide repeat-containing protein At1g55890, mitochondrial-like |
| [Solyc03g025270.2](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc03g025270.2;r=3:2704706-2707754;t=Solyc03g025270.2.1;db=core) | 2.6673 | mediator of RNA polymerase II transcription subunit 36a-like |
| Solyc09g011850.2 | 2.661 | probable fructokinase-4-like |
| Solyc09g057630.2 | 2.6461 | probable glucan endo-1,3-beta-glucosidase A6-like |
| Solyc06g083270.2 | 2.6456 | ER lumen protein retaining receptor-like |
| Solyc10g080070.1 | 2.6414 | mitochondrial GTPase 1-like |
| Solyc12g042890.1 | 2.6372 | acyl-protein thioesterase 2-like |
| [Solyc10g080950.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc10g080950.1;r=10:62136131-62138483;t=Solyc10g080950.1.1;db=core) | 2.6358 | G2/mitotic-specific cyclin-1-like |
| Solyc09g074090.2 | 2.6321 | exosome complex component rrp4-like |
| [Solyc05g007150.2.1](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc05g007150.2.1) | 2.6181 | UDP-galactose transporter 3 |
| Solyc04g055200.2 | 2.6155 | asparagine synthetase [glutamine-hydrolyzing] 3-like |
| Solyc10g006560.2 | 2.6071 | probable histone H2A.1-like |
| Solyc07g008380.1 | 2.6055 | Hydroxycinnamoyl CoA quinate transferase |
| Solyc03g025740.2 | 2.6047 | unknown protein |
| Solyc03g005470.2 | 2.6009 | unknown protein |
| Solyc01g097390.2 | 2.6009 | perakine reductase-like |
| Solyc07g017540.2 | 2.5995 | DNA repair protein RAD51 |
| Solyc07g049370.2 | 2.5976 | glucan endo-1,3-beta-glucosidase 3-like |
| Solyc04g054180.2 | 2.5956 | unknown protein |
| Solyc03g093110.2 | 2.5952 | Xyloglucan endotransglucosylase/hydrolase 9  |
| Solyc05g013170.2 | 2.5917 | unknown protein |
| Solyc09g011920.2 | 2.5892 | UCP protein |
| Solyc10g086010.1 | 2.5816 | 60S ribosomal protein L4/L1 |
| Solyc02g070640.2  | 2.5811 | 60S ribosomal protein L18a-2-like  |
| Solyc03g058920.2 | 2.5578 | mitochondrial outer membrane protein porin of 34 kDa-like |
| Solyc11g072630.1 | 2.5545 | mitogen-activated protein kinase 4 |
| Solyc04g079860.1 | 2.5488 | probable galacturonosyltransferase-like 2-like |
| Solyc05g051870.2 | 2.5383 | olee1-like protein-like |
| Solyc06g065820.2 | 2.5362 | ethylene response factor 1 |
| Solyc12g017460.1 | 2.5314 | GDSL esterase/lipase At1g28590-like |
| Solyc05g054070.2 | 2.5314 | 60S ribosomal protein L6-like |
| Solyc04g072060.2 | 2.5246 | ras-related protein Rab7-like |
| Solyc02g092950.2 | 2.5181 | microtubule-associated protein RP/EB family member 1C-like |
| Solyc06g053490.2 | 2.5088 | unknown protein |
| Solyc02g068740.2 | 2.5049 | glycine cleavage system H protein, mitochondrial-like |
| Solyc04g048900.2 | 2.5039 | calreticulin-3-like |
| [Solyc01g091340.2](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc01g091340.2.1) | 2.4853 | Peptidyl-prolyl cis-trans isomerase  |
| Solyc08g005870.1 | 2.4852 | myb-related protein 308-like |
| Solyc11g068480.1 | 2.4811 | nuclear transcription factor Y subunit B-like |
| Solyc04g081580.2 | 2.4715 | DEAD-box ATP-dependent RNA helicase 28-like |
| Solyc08g078940.1 | 2.4669 | 14 kDa proline-rich protein DC2.15-like |
| [Solyc12g096150.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc12g096150.1;r=12:65184544-65185746;t=Solyc12g096150.1.1;db=core) | 2.4552 | 60S ribosomal protein L13-2-like |
| Solyc09g092320.2 | 2.45 | glycine-rich RNA-binding protein 2, mitochondrial-like |
| Solyc04g050730.2 | 2.4426 | GDSL esterase/lipase At5g33370-like |
| Solyc06g073310.2 | 2.4416 | 60S ribosomal protein L9-1-like |
| Solyc10g078740.1 | 2.4351 | enoyl-[acyl-carrier-protein] reductase [NADH], chloroplastic-like |
| Solyc08g083380.2 | 2.4314 | mitochondrial import inner membrane translocase subunit TIM13-like |
| Solyc05g014980.2 | 2.4263 | adenylate kinase B-like |
| [Solyc10g086190.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc10g086190.1;r=10:65104553-65108769;t=Solyc10g086190.1.1;db=core) | 2.4216 | adenosine kinase 2-like |
| Solyc06g073510.2 | 2.4206 | origin recognition complex subunit 2-like |
| Solyc04g074990.2 | 2.4106 | ZF-HD homeobox protein At4g24660-like |
| Solyc01g100580.2 | 2.407 | pentatricopeptide repeat-containing protein At4g01990, mitochondrial-like |
| Solyc03g005220.2 | 2.4065 | probable histone H2AXa-like |
| Solyc01g109150.2 | 2.3953 | cytochrome P450 CYP74C4 |
| Solyc01g111100.2 | 2.3853 | Probable alkaline/neutral invertase B |
| Solyc08g078910.1 | 2.3812 | Cortical cell-delineating protein |
| Solyc09g065330.2 | 2.3805 | 40S ribosomal protein S24-2-like |
| Solyc01g100930.2 | 2.379 | GDSL esterase/lipase At1g09390-like |
| [Solyc12g095850.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc12g095850.1;r=12:64964131-64974144;t=Solyc12g095850.1.1;db=core) | 2.3781 | tryptophan--tRNA ligase-like |
| Solyc03g116370.2 | 2.3744 | microtubule-associated protein RP/EB family member 1B-like |
| Solyc06g083440.2 | 2.3701 | cytochrome b5-like |
| Solyc01g111310.2 | 2.3545 | LAX2 protein |
| Solyc01g108650.2 | 2.3514 | unknown protein |
| Solyc02g062240.2 | 2.3344 | small nuclear ribonucleoprotein Sm D3-like |
| Solyc02g062910.1 | 2.3274 | pentatricopeptide repeat-containing protein At4g36680, mitochondrial-like |
| Solyc08g008670.2 | 2.322 | phosphomannomutase-like |
| Solyc11g008810.1 | 2.3195 | beta-hexosaminidase 3-like |
| [Solyc07g049230.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc07g049230.1;r=7:59515540-59515971;t=Solyc07g049230.1.1;db=core) | 2.3193 | Enzyme of the cupin superfamily |
| Solyc02g068150.2 | 2.3176 | nuclear transport factor 2-like |
| Solyc08g007220.2 | 2.3163 | unknown protein |
| Solyc01g006450.2 | 2.3144 | enoyl-[acyl-carrier-protein] reductase [NADH], chloroplastic-like |
| Solyc12g008760.1 | 2.3124 | protein arginine N-methyltransferase 1.1-like |
| Solyc03g119490.2 | 2.3077 | MAPKK |
| Solyc03g093610.1 | 2.3069 | ethylene-responsive transcription factor 1-like |
| Solyc05g055880.2 | 2.301 | probable nucleolar protein 5-2-like |
| Solyc07g055740.1 | 2.2955 | unknown protein |
| Solyc03g121580.2 | 2.2902 | WD-40 repeat-containing protein MSI4-like |
| Solyc03g083560.1 | 2.2872 | unknown protein |
| Solyc04g073970.2 | 2.2813 | unknown protein |
| Solyc02g093590.2 | 2.281 | unknown protein |
| Solyc01g107450.2 | 2.2786 | unknown protein |
| Solyc03g083020.2 | 2.2771 | unknown protein |
| Solyc04g071070.2 | 2.274 | extensin |
| Solyc05g007250.2 | 2.271 | 40S ribosomal protein S9-2-like |
| Solyc04g079310.2 | 2.2706 | polyadenylate-binding protein RBP47C-like |
| Solyc02g021400.1 | 2.2646 | 40S ribosomal protein S28-like |
| Solyc09g091180.2 | 2.2644 | chaperonin CPN60-2, mitochondrial-like |
| Solyc12g010980.1 | 2.2553 | salutaridinol 7-O-acetyltransferase-like |
| Solyc01g009100.2 | 2.252 | 60S ribosomal protein L30-like |
| Solyc01g109220.2 | 2.2445 | mitochondrial import receptor subunit TOM6 homolog |
| Solyc04g016380.2 | 2.2386 | ribosome biogenesis protein BRX1 homolog |
| Solyc08g080510.2 | 2.2367 | replication factor C subunit 2-like |
| Solyc03g025520.2 | 2.2353 | 60S ribosomal protein L36 |
| Solyc02g062460.2 | 2.2321 | flavonol synthase/flavanone 3-hydroxylase-like |
| Solyc07g008800.2 | 2.2317 | 10 kDa chaperonin-like |
| Solyc01g094280.2 | 2.2232 | bifunctional protein FolD-like |
| Solyc08g066530.2 | 2.2144 | acid phosphatase 1-like |
| Solyc04g078470.2 | 2.2088 | CycD3;3 protein |
| Solyc10g083570.1 | 2.2063 | fructose-bisphosphate aldolase cytoplasmic isozyme-like |
| Solyc01g079940.2 | 2.2056 | basic 7S globulin-like |
| [Solyc01g006450.2.1](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc01g006450.2.1) | 2.2055 | Enoyl reductase |
| Solyc10g008600.2 | 2.1913 | unknown protein |
| Solyc09g083080.2 | 2.1911 | probable nucleolar protein 5-2-like |
| Solyc06g007530.2 | 2.19 | putative B3 domain-containing protein At5g58280-like |
| Solyc06g074780.1 | 2.1843 | Histone H2B  |
| Solyc04g071900.2 | 2.1801 | peroxidase 12-like |
| Solyc06g034370.1 | 2.1799 | 21 kDa protein-like |
| Solyc07g062930.2 | 2.1794 | ribosomal protein L11 methyltransferase-like |
| Solyc06g053460.1 | 2.1764 | probable prefoldin subunit 2-like |
| [Solyc06g008260.2](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc06g008260.2;r=6:2134911-2138172;t=Solyc06g008260.2.1;db=core) | 2.1728 | 60 ribosomal protein L14 |
| Solyc04g010240.2 | 2.1728 | 60S ribosomal protein L35-like |
| Solyc12g008700.1 | 2.1727 | 40S ribosomal protein S30-like |
| Solyc04g078120.2 | 2.1633 | arginine N-methyltransferase 2-like |
| Solyc03g116380.2 | 2.1627 | WD repeat-containing protein 43-like |
| Solyc07g043560.2 | 2.1618 | heat shock 70 kDa protein 17-like |
| Solyc07g055080.2 | 2.1612 | proteasome subunit alpha type-2-B-like |
| Solyc06g053760.2 | 2.1529 | syntaxin-related protein KNOLLE-like |
| Solyc12g099330.1 | 2.1501 | ripening regulated protein DDTFR19 |
| Solyc08g007220.2 | 2.1499 | Nuclear RNA binding protein |
| [Solyc12g008680.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc12g008680.1;r=12:2056414-2062039;t=Solyc12g008680.1.1;db=core) | 2.1462 | Meiotic nuclear division protein 1 homolog |
| Solyc06g074300.2 | 2.1405 | 60S ribosomal protein L10a-1-like |
| Solyc12g015780.1 | 2.139 | DNA-directed RNA polymerases I and III subunit RPAC1-like |
| Solyc08g006070.2 | 2.1387 | AIG2-like protein-like |
| Solyc06g007710.2 | 2.137 | Mitochondrial import receptor subunit TOM40  |
| Solyc01g100320.2 | 2.1367 | protein disulfide isomerase-like 2-1-like |
| Solyc01g104680.2 | 2.1237 | Ran protein/TC4 protein |
| Solyc11g066840.1 | 2.1236 | histone deacetylase HDT2-like |
| Solyc04g077130.1 | 2.123 | 50S ribosomal protein 6, chloroplastic-like |
| [Solyc03g078290.2](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc03g078290.2;r=3:50321262-50323558;t=Solyc03g078290.2.1;db=core) | 2.1142 | 40S ribosomal protein S18-like |
| [Solyc07g065090.1](http://pgsb.helmholtz-muenchen.de/plant/tomato/reportsjsp/geneticElement.jsp?gene=Solyc07g065090.1.1) | 2.1125 | polygalacturonase inhibitor-like |
| Solyc05g009530.2 | 2.1107 | Dihydrolipoyllysine-residue acetyltransferase component of pyruvate |
|  |  | dehydrogenase complex  |
| Solyc01g008290.2 | 2.1105 | dihydroorotate dehydrogenase (quinone), mitochondrial-like |
| Solyc09g074230.2 | 2.1072 | st3 protein |
| Solyc05g055780.2 | 2.1066 | DNA repair protein recA homolog 3, mitochondrial-like |
| Solyc04g078940.2 | 2.1031 | dem protein |
| Solyc10g009410.1 | 2.0965 | protein ASPARTIC PROTEASE IN GUARD CELL 1-like |
| Solyc11g044750.1 | 2.0949 | single-stranded DNA-bindig protein WHY2, mitochondrial-like |
| Solyc11g017070.1 | 2.0885 | eukaryotic translation initiation factor 3 subunit I-like |
| Solyc10g083600.1 | 2.0877 | ribosome production factor 2 homolog |
| Solyc07g056650.2 | 2.0813 | interactor of constitutive active ROPs 4-like |
| Solyc10g080370.1 | 2.0787 | xyloglucan endotransglucosylase-hydrolase XTH3 |
| Solyc03g123410.1 | 2.0771 | auxin-binding protein ABP19a-like |
| Solyc06g007670.2 | 2.0757 | 60S ribosomal protein L5-like |
| [Solyc10g086330.1](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc10g086330.1;r=10:65194174-65196249;t=Solyc10g086330.1.1;db=core) | 2.0719 | 60S ribosomal protein L23a-like |
| Solyc01g098000.2 | 2.07 | elongation factor 1-delta-like |
| Solyc01g102370.2 | 2.0697 | flap endonuclease 1-like |
| Solyc04g009940.2 | 2.0682 | unknown protein |
| Solyc03g112620.2 | 2.067 | unknown protein |
| Solyc01g056850.2 | 2.0655 | CTP synthase-like |
| Solyc06g072600.2 | 2.0644 | mitochondrial import inner membrane translocase subunit TIM8-like |
| Solyc07g042570.2 | 2.0597 | eukaryotic translation initiation factor 3 subunit K-like |
| Solyc04g055160.2 | 2.0589 | unknown protein |
| Solyc07g053670.2 | 2.0577 | unknown protein |
| Solyc06g064820.2 | 2.0559 | GDSL esterase/lipase At1g71691-like |
| Solyc08g006900.2 | 2.0551 | 60S ribosomal protein L32-1-like |
| Solyc06g008700.2 | 2.0509 | tRNA (guanine-N(7)-)-methyltransferase subunit WDR4-like |
| [Solyc03g080160.2](http://plants.ensembl.org/Solanum_lycopersicum/Gene/Summary?g=Solyc03g080160.2;r=3:52051864-52053772;t=Solyc03g080160.2.1;db=core) | 2.0371 | unknown protein |
| Solyc03g005470.2 | 2.036 | Nicotiana lesion-inducing like |
| Solyc07g064930.2 | 2.0357 | protein GrpE-like |
| Solyc06g007570.2 | 2.0355 | 40S ribosomal protein S8-like |
| Solyc01g104400.2 | 2.0321 | basic blue protein-like |
| Solyc06g083180.2 | 2.0311 | 40S ribosomal protein S8-like |
| Solyc07g066470.2 | 2.0217 | porphobilinogen deaminase, chloroplastic-like |
| Solyc05g007100.2 | 2.0191 | single-stranded DNA-bindig protein WHY1, chloroplastic-like |
| Solyc12g038980.1 | 2.0165 | H/ACA ribonucleoprotein complex subunit 2-like protein-like |
| Solyc11g006350.1 | 2.0131 | aspartate carbamoyltransferase |
| Solyc10g007400.2 | 2.0082 | DNA polymerase subunit delta-3 |
| Solyc05g052460.2 | 2.0076 | Cation-independent mannose-6-phosphate receptor  |
| Solyc06g082750.2 | 2.0059 | 50S ribosomal protein L17, chloroplastic-like |
| Solyc06g071960.2 | 2.0018 | nucleoside diphosphate kinase 2, chloroplastic-like |