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| DEGs | Protein Name | Protein Identifier | Protein Description |
| Up-Regulated | emb2386 | AT1G02780.1 | Ribosomal protein L19e family protein; Embryo defective 2386 (emb2386) |
| AT4G39200 | AT4G39200.1 | Ribosomal protein S25 family protein |
| BBC1 | AT3G49010.3 | Encodes 60S ribosomal protein L13 |
| AT1G01100 | AT1G01100.2 | 60S acidic ribosomal protein family |
| AT2G09990 | AT2G09990.1 | Ribosomal protein S5 domain 2-like superfamily protein |
| AT5G15520 | AT5G15520.1 | Ribosomal protein S19e family protein |
| AT5G02610 | AT5G02610.2 | Ribosomal L29 family protein |
| AT4G10450 | AT4G10450.1 | Ribosomal protein L6 family |
| SAG24 | AT1G66580.1 | Senescence associated gene 24 (SAG24) |
| PHT3;1 | AT5G14040.1 | Mitochondrial phosphate carrier protein 3, mitochondrial |
| AT3G56340 | AT3G56340.1 | Ribosomal protein S26e family protein |
| AT4G27090 | AT4G27090.1 | Ribosomal protein L14 |
| ELF5A-1 | AT1G13950.1 | Encodes eukaryotic translation initiation factor 5A (EIF-5A) |
| AT5G02960 | AT5G02960.1 | Ribosomal protein S12/S23 family protein |
| AT4G30800 | AT4G30800.1 | Nucleic acid-binding, OB-fold-like protein |
| STV1 | AT3G53020.1 | RPL24B encodes ribosomal protein L24 |
| AT3G07110 | AT3G07110.2 | Ribosomal protein L13 family protein |
| AT5G16130 | AT5G16130.1 | Ribosomal protein S7e family protein |
| RPL5B | AT5G39740.2 | 60S ribosomal protein L5-2; Component of the ribosome |
| AT3G45030 | AT5G62300.1 | Ribosomal protein S10p/S20e family protein |
| AT5G02450 | AT5G02450.1 | Ribosomal protein L36e family protein |
| AT1G52300 | AT1G52300.1 | Zinc-binding ribosomal protein family protein |
| AT1G15930 | AT1G15930.1 | Ribosomal protein L7Ae/L30e/S12e/Gadd45 family protein |
| AT2G41840 | AT2G41840.1 | Ribosomal protein S5 family protein |
| AT3G28900 | AT3G28900.1 | Ribosomal protein L34e superfamily protein |
| AT2G32060 | AT2G32060.1 | Ribosomal protein L7Ae/L30e/S12e/Gadd45 family protein |
| AT2G40010 | AT2G40010.1 | Ribosomal protein L10 family protein |
| AT2G44120 | AT2G44120.2 | Ribosomal protein L30/L7 family protein |
| AT1G74270 | AT1G74270.1 | Ribosomal protein L35Ae family protein |
| AT3G06680 | AT3G06680.1 | Ribosomal L29e protein family |
| AT5G59850 | AT5G59850.1 | Ribosomal protein S8 family protein |
| RPS18C | AT4G09800.1 | 40S ribosomal protein S18 |
| RPS5A | AT3G11940.1 | One of two genes encoding the ribosomal protein S5 |
| AT4G17390 | AT4G17390.1 | Ribosomal protein L23/L15e family |
| AT4G34670 | AT4G34670.1 | Ribosomal protein S3Ae |
| AT4G36130 | AT4G36130.1 | Ribosomal protein L2 family |
| P40 | AT1G72370.1 | 40S ribosomal protein Sa-1 |
| GRP4 | AT3G23830.2 | Glycine-rich RNA-binding protein 4, mitochondrial |
| RPL3B | AT1G61580.1 | 60S ribosomal protein L3-2; R-protein L3 B (RPL3B) |
| EIF3G1 | AT3G11400.2 | Eukaryotic translation initiation factor 3 subunit G |
| AT3G60245 | AT3G60245.1 | Zinc-binding ribosomal protein family protein |
| RPS13A | AT4G00100.1 | Encodes a cytoplasmic ribosomal protein S13 homologue |
| AT2G04520 | AT2G04520.1 | Putative translation initiation factor eIF-1A |
| AT2G37190 | AT2G37190.1 | Ribosomal protein L11 family protein; Binds directly to 26S ribosomal RNA |
| EIF4E | AT4G18040.1 | Eukaryotic translation initiation factor 4E-1 |
| AT5G15200 | AT5G15200.1 | Ribosomal protein S4 |
| AT5G58420 | AT5G58420.1 | Ribosomal protein S4 (RPS4A) family protein |
| emb2171 | AT3G04400.1 | Ribosomal protein L14p/L23e family protein; Embryo defective 2171 (emb2171) |
| AT3G09630 | AT3G09630.1 | Ribosomal protein L4/L1 family |
| AT5G22440 | AT5G22440.2 | Ribosomal protein L1p/L10e family |
| NRPC2 | AT5G45140.1 | DNA-directed RNA polymerase III subunit 2 |
| RPL21A | AT1G09590.1 | Translation protein SH3-like family protein |
| LOS1 | AT1G56070.1 | Ribosomal protein S5/Elongation factor G/III/V family protein |
| TRX1 | AT3G51030.1 | Thioredoxin H-type 1 |
| AT3G04920 | AT3G04920.1 | Ribosomal protein S24e family protein |
| AT2G44860 | AT2G44860.1 | Probable ribosome biogenesis protein RLP24 |
| AT3G24830 | AT3G24830.1 | Ribosomal protein L13 family protein |
| AT1G67430 | AT1G67430.1 | Ribosomal protein L22p/L17e family protein |
| AT5G59240 | AT5G59240.1 | Ribosomal protein S8e family protein |
| AT2G27710 | AT2G27710.1 | 60S acidic ribosomal protein family |
| AT4G18100 | AT4G18100.1 | Ribosomal protein L32e; Involved in translation, ribosome biogenesis |
| AT5G04800 | AT5G04800.4 | Ribosomal S17 family protein |
| RPL18 | AT3G05590.1 | Encodes cytoplasmic ribosomal protein L18 |
| RPL16A | AT2G42740.1 | Ribosomal protein large subunit 16A |
| AT5G67510 | AT5G67510.1 | Translation protein SH3-like family protein |
| AT1G70600 | AT1G70600.1 | Ribosomal protein L18e/L15 superfamily |
| AT1G74060 | AT1G74060.1 | Ribosomal protein L6 family protein |
| RPL23AB | AT3G55280.1 | 60S ribosomal protein L23A (RPL23aB). Paralog of RPL23aA |
| ELF5A-3 | AT1G69410.1 | Eukaryotic translation initiation factor 5A-3 |
| AT2G34480 | AT2G34480.1 | Ribosomal protein L18ae/LX family protein |
| AT5G27850 | AT5G27850.1 | Ribosomal protein L18e/L15 superfamily protein |
| AT1G73230 | AT1G73230.1 | Nascent polypeptide-associated complex NAC |
| AT4G25740 | AT4G25740.1 | RNA binding Plectin/S10 domain-containing protein |
| AT1G09640 | AT1G09640.1 | Translation elongation factor EF1B, gamma chain |
| TCTP | AT3G16640.1 | Encodes a protein homologous to translationally controlled tumor protein (TCTP) from Drosophila |
| ABCF3 | AT1G64550.1 | Member of GCN subfamily; Belongs to the ABC transporter superfamily. |
| AT1G07920 | AT1G07930.1 | GTP binding Elongation factor Tu family protein |
| AAC3 | AT4G28390.1 | Encodes a mitochondrial ADP/ATP carrier protein |
| WEE1 | AT1G02970.1 | Wee1-like protein kinase |
| AT1G30580 | AT1G30580.1 | Obg-like ATPase 1; Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency |
| UAP56a | AT5G11170.1 | DEAD/DEAH box RNA helicase family protein |
| AT4G26310 | AT4G26310.2 | Elongation factor P (EF-P) family protein |
| TPI | AT3G55440.1 | Triosephosphate isomerase, cytosolic; Encodes triosephosphate isomerase |
| TCP-1 | AT3G20050.1 | T-complex protein 1 alpha subunit; Molecular chaperone |
| eEF-1Bb1 | AT1G30230.2 | Glutathione S-transferase, C-terminal-like;Translation elongation factor EF1B/ribosomal protein S6 |
| AT2G18110 | AT2G18110.1 | Translation elongation factor EF1B/ribosomal protein S6 family protein |
| ATKRS-1 | AT3G11710.1 | Lysine--tRNA ligase, cytoplasmic |
| Down-Regulted | ORC3 | AT5G16690.1 | Origin Recognition Complex subunit 3. Involved in the initiation of DNA replication |
| MCM5 | AT2G07690.1 | Minichromosome maintenance (MCM2/3/5) family protein |
| ETG1 | AT2G40550.1 | Mini-chromosome maintenance complex-binding protein |
| PLE | AT5G51600.1 | Microtubule associated protein (MAP65/ASE1) family protein |
| ATK1 | AT4G21270.1 | Kinesin-like protein KIN-14C |
| CYCA3;1 | AT5G43080.1 | Putative cyclin-A3-1; Cyclin A3;1 (CYCA3;1) |
| RNR1 | AT2G21790.1 | Ribonucleoside-diphosphate reductase large subunit |
| HTA9 | AT1G52740.1 | Probable histone H2A variant 3 |
| UBC19 | AT3G20060.1 | Encodes one of two ubiquitin-conjugating enzymes belonging to the E2-C gene family |
| AT3G42660 | AT3G42660.1 | Transducin family protein / WD-40 repeat family protein |
| CDKB2;2 | AT1G20930.1 | Cyclin-dependent kinase |
| CHR1 | AT5G66750.1 | ATP-dependent DNA helicase DDM1 |
| AT4G28310 | AT4G28310.1 | Uncharacterized protein At4g28310; Unknown protein |
| ORC6 | AT1G26840.1 | Origin of replication complex subunit 6 |
| MCM3 | AT5G46280.1 | Minichromosome maintenance (MCM2/3/5) family protein |
| MAP65-8 | AT1G27920.1 | Microtubule-associated protein 65-8 (MAP65-8) |
| AT1G09200 | AT5G10390.1 | Histone superfamily protein; Core component of nucleosome |
| MCM2 | AT1G44900.1 | Minichromosome maintenance (MCM2/3/5) family protein |
| BRCA1 | AT4G21070.1 | Encodes AtBRCA1, an ortholog of the human breast cancer susceptibility gene 1 |
| CYCA1;1 | AT1G44110.1 | Cyclin A1;1 (CYCA1;1 |
| MCM10 | AT2G20980.1 | Minichromosome maintenance 10 |
| AT1G14300 | AT1G14300.2 | ARM repeat superfamily protein |
| AT5G01230 | AT5G01230.1 | S-adenosyl-L-methionine-dependent methyltransferases superfamily protein |
| NRPC2 | AT5G45140.1 | DNA-directed RNA polymerase III subunit 2 |
| emb2742 | AT3G12670.1 | CTP synthase family protein |
| AT1G48570 | AT1G48570.1 | Zinc finger (Ran-binding) family protein |
| AT4G02400 | AT4G02400.1 | U3 ribonucleoprotein (Utp) family protein |
| AT4G23540 | AT4G23540.1 | ARM repeat superfamily protein; Its function is described as binding |
| AT5G11240 | AT5G11240.1 | Transducin family protein / WD-40 repeat family protein |
| TTN5 | AT2G18390.1 | ADP-ribosylation factor family protein |
| CMT3 | AT1G69770.1 | DNA (cytosine-5)-methyltransferase CMT3 |
| AT1G63100 | AT1G63100.1 | GRAS family transcription factor |
| VAM3 | AT5G46860.1 | Syntaxin/t-SNARE family protein |
| ENODL14 | AT2G25060.1 | Early nodulin-like protein 14 (ENODL14) |
| SYP111 | AT1G08560.1 | Syntaxin-related protein KNOLLE |
| AT5G16250 | AT5G16250.1 | Uncharacterized protein T21H19\_170 |
| CSLD5 | AT1G02730.1 | Cellulose synthase-like protein D5 |
| PER64 | AT5G42180.1 | Peroxidase superfamily protein |
| RCI3 | AT1G05260.1 | Peroxidase superfamily protein |
| AT5G66390 | AT5G66390.1 | Peroxidase superfamily protein |
| CAD9 | AT4G39330.1 | Probable cinnamyl alcohol dehydrogenase 9 |
| PRX52 | AT5G05340.1 | Peroxidase superfamily protein |