| **Contig No.** | **Swiss Prot ID** | **Evalue** | **Fold increase** | **Protein function** | **Go Terms** | **Go Slim Terms** |
| --- | --- | --- | --- | --- | --- | --- |
| 8 | P42824 | 5E-80 | -3.768 | DnaJ protein homolog 2 | Protein folding | Other membranes, other molecular function |
| 17 | P52808 | 4E-48 | -3.853 | 60S ribosomal protein L30-1 | Translation | Other cellular component, translational apparatus |
| 32 | Q9D832 | 3E-70 | -2.925 | DnaJ homolog subfamily B member 4 | Protein folding |  |
| 35 | P31009 | 5E-104 | -3.085 | 40S ribosomal protein S2 | Translation | Developmental processes, other biological processes, other cellular component, translational apparatus |
| 54 | Q9X248 | 5E-32 | -3.053 | 3-oxoacyl-[acyl-carrier-protein] reductase FabG | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes, other molecular function |
| 56 | P60039 | 2E-73 | -2.37 | 60S ribosomal protein L7-3 | Translation | Other cellular component, translational apparatus |
| 66 | Q9P979 | 0.000008 | -2.136 | Feruloyl esterase A | Cellular polysaccharide metabolic process, polysaccharide metabolic process | Non-structural extracellular, other metabolic processes, other molecular function |
| 72 | O08810 | 0 | -2.747 | 116 kDa U5 small nuclear ribonucleoprotein component | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 89 | P40525 | 4E-41 | -2.997 | 60S ribosomal protein L34-B | Translation | Other cellular component, translational apparatus |
| 93 | B2V8W5 | 1E-171 | -2.312 | Tryptophan synthase beta chain | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 113 | Q86FP7 | 4E-72 | -3.218 | 40S ribosomal protein S23 | Translation | Other cellular component, translational apparatus |
| 116 | P23403 | 3E-38 | -3.253 | 40S ribosomal protein S20 | Translation | Other cellular component, translational apparatus |
| 128 | Q9FJL3 | 3E-14 | -2.04 | Peptidylprolyl isomerase | Protein folding |  |
| 140 | Q39613 | 2E-80 | -3.793 | Peptidyl-prolyl cis-trans isomerase | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 156 | P49792 | 0.0000002 | -2.746 | E3 SUMO-protein ligase RanBP2 | Protein folding | Nucleus, other membranes, other molecular function, protein metabolism, transport |
| 174 | Q17348 | 3E-19 | -3.292 | Small nuclear ribonucleoprotein Sm D3 | RNA processing, RNA splicing | Nucleus, other cellular component, RNA metabolism |
| 178 | P49637 | 8E-68 | -3.173 | 60S ribosomal protein L27a-3 | Translation | Other cellular component, translational apparatus |
| 202 | O22860 | 1E-28 | -3.563 | 60S ribosomal protein L38 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, translation | Other cellular component, translational apparatus |
| 206 | Q4V9P0 | 2E-62 | -2.425 | S-adenosylmethionine mitochondrial carrier protein | Amino acid transport | Mitochondrion, other membranes, transport, transporter activity |
| 248 | O42706 | 3E-53 | -2.249 | 60S ribosomal protein L21-B | Translation | Other cellular component, translational apparatus |
| 261 | O80929 | 9E-13 | -3.461 | 60S ribosomal protein L36-1 | Translation | Other cellular component, translational apparatus |
| 264 | P38176 | 6E-33 | -2.076 | Vacuolar amino acid transporter 5 | Amino acid transport | Other cytoplasmic organelle, other membranes, transport |
| 269 | Q6P321 | 3E-14 | -3.186 | Mitochondrial import inner membrane translocase subunit Tim10 | Mitochondrial membrane organization, mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes, other molecular function, transport |
| 275 | B3CP03 | 3E-19 | -3.51 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 276 | Q6ZIX2 | 6E-72 | -2.118 | Cycloartenol-C-24-methyltransferase 1 | Lipid biosynthetic process, steroid biosynthetic process | Other metabolic processes, other molecular function |
| 302 | A0LIL8 | 3E-34 | -4.01 | 50S ribosomal protein L17 | Translation | Other cellular component, translational apparatus |
| 305 | Q8LAD0 | 9E-60 | -2.955 | Pyridoxal biosynthesis protein PDX2 | Vitamin B6 biosynthetic process, vitamin B6 metabolic process | Other cellular component, other metabolic processes, other molecular function |
| 307 | P31214 | 1E-43 | -3.647 | 3-oxo-5-alpha-steroid 4-dehydrogenase 2 | Lipid biosynthetic process, steroid biosynthetic process | Er/golgi, other biological processes, other membranes, other metabolic processes, other molecular function |
| 311 | O59715 | 2E-79 | -2.589 | Dihydroceramide delta(4)-desaturase | Fatty acid biosynthetic process, lipid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 312 | B2A2K2 | 6E-33 | -2.545 | Methionyl-tRNA formyltransferase | Translation | Other molecular function, protein metabolism |
| 314 | Q9V492 | 6E-13 | -7.945 | Mpv17-like protein | Mitochondrion organization | Cell organization and biogenesis, mitochondrion, other biological processes, other membranes |
| 321 | Q31L42 | 4E-61 | -2.04 | Glutamate 5-kinase | Heterocycle biosynthetic process | Kinase activity, other cellular component, other metabolic processes, other molecular function |
| 325 | Q9N119 | 9E-38 | -2.348 | 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase | Lipid biosynthetic process, steroid biosynthetic process | Er/golgi, mitochondrion, other membranes, other metabolic processes, other molecular function |
| 328 | O75845 | 3E-90 | -2.076 | Lathosterol oxidase | Fatty acid biosynthetic process, lipid biosynthetic process, steroid biosynthetic process | Er/golgi, other membranes, other metabolic processes, other molecular function |
| 337 | Q6PC64 | 7E-47 | -2.478 | Elongation of very long chain fatty acids protein 6 | Fatty acid biosynthetic process, lipid biosynthetic process | Er/golgi, mitochondrion, other membranes, other metabolic processes |
| 338 | Q71TY3 | 3E-34 | -5.067 | 40S ribosomal protein S27 | Translation | Other cellular component, other molecular function, translational apparatus |
| 345 | P62302 | 8E-72 | -2.717 | 40S ribosomal protein S13 | Translation | Other cellular component, translational apparatus |
| 347 | Q6AXR5 | 4E-32 | -3.624 | UDP-N-acetylglucosamine transporter | Nucleotide-sugar transport | Er/golgi, other membranes, transport |
| 353 | Q9FLF0 | 6E-79 | -2.505 | 40S ribosomal protein S9-2 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 363 | Q2G8Y0 | 5E-65 | -2.278 | 50S ribosomal protein L3 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 373 | Q9Y3B2 | 5E-31 | -3.041 | Exosome complex component CSL4 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, other molecular function, RNA metabolism |
| 410 | Q4P331 | 8E-32 | -2.252 | ATP-dependent RNA helicase eIF4A | Translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 411 | P61220 | 6E-25 | -3.448 | Eukaryotic translation initiation factor 1b | Translation | Protein metabolism |
| 413 | Q6BLK0 | 9E-40 | -2.683 | 60S ribosomal protein L44 | Translation | Other cellular component, translational apparatus |
| 419 | Q5RBR8 | 1E-20 | -3.019 | Eukaryotic translation initiation factor 4H | Translation | Nucleic acid binding activity, other cellular component, protein metabolism |
| 423 | Q5QYE1 | 7E-34 | -2.18 | Polyribonucleotide nucleotidyltransferase | RNA processing | Nucleic acid binding activity, other cellular component, other molecular function |
| 424 | A5PK63 | 3E-47 | -3.641 | 40S ribosomal protein S17 | Translation | Other cellular component, translational apparatus |
| 428 | Q7ZYS8 | 4E-69 | -2.087 | 60S ribosomal protein L10a | RNA processing, translation | Other cellular component, translational apparatus |
| 429 | Q6C4G1 | 0.000001 | -2.944 | Translationally-controlled tumor protein homolog | Translation | Cytoskeleton, other cellular component, protein metabolism |
| 436 | Q797A7 | 7E-59 | -2.822 | Uncharacterized amino acid permease YfnA | Amino acid transport | Other membranes, plasma membrane |
| 472 | Q3USY0 | 2E-52 | -2.533 | Putative sodium-coupled neutral amino acid transporter 11 | Amino acid transport | Other membranes, other molecular function, transport |
| 491 | Q13907 | 4E-60 | -5.939 | Isopentenyl-diphosphate Delta-isomerase 1 | Lipid biosynthetic process, steroid biosynthetic process | Other cytoplasmic organelle, other metabolic processes, other molecular function |
| 493 | P62912 | 4E-35 | -2.487 | 60S ribosomal protein L32 | Translation | Other cellular component, translational apparatus |
| 496 | P32897 | 6E-15 | -6.858 | Mitochondrial import inner membrane translocase subunit TIM23 | Mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes, transport |
| 501 | P17078 | 2E-13 | -2.601 | 60S ribosomal protein L35 | Translation | Other cellular component, translational apparatus |
| 506 | P38680 | 2E-11 | -2.61 | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 510 | Q58DW3 | 2E-15 | -4.161 | 60S ribosomal protein L29 | Translation | Other cellular component, translational apparatus |
| 516 | O69853 | 6E-30 | -2.693 | Exopolysaccharide phosphotransferase SCO6023 | Polysaccharide biosynthetic process, polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 526 | Q9LZD4 | 2E-71 | -2.176 | Ras-related protein RABE1d | Small gtpase mediated signal transduction |  |
| 533 | Q6C8M8 | 8E-81 | -3.702 | Sterol 3-beta-glucosyltransferase | Lipid biosynthetic process, steroid biosynthetic process | Other cellular component, other membranes, other metabolic processes, other molecular function, transport |
| 536 | O18404 | 3E-65 | -2.371 | 3-hydroxyacyl-CoA dehydrogenase type-2 | Ncrna metabolic process, ncrna processing, RNA processing | Mitochondrion, other metabolic processes, other molecular function, RNA metabolism |
| 554 | P51414 | 2E-36 | -2.89 | 60S ribosomal protein L26-1 | Translation | Other cellular component, translational apparatus |
| 555 | Q9LZD4 | 1E-59 | -2.565 | Ras-related protein RABE1d | Small gtpase mediated signal transduction |  |
| 565 | Q4P5P0 | 1E-30 | -5.861 | H/ACA ribonucleoprotein complex subunit 1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other cellular component, RNA metabolism |
| 574 | P22232 | 2E-126 | -2.405 | rRNA 2'-O-methyltransferase fibrillarin | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, other molecular function, RNA metabolism |
| 577 | P52917 | 3E-138 | -2.996 | Vacuolar protein sorting-associated protein 4 | Vacuolar transport | Other cytoplasmic organelle, other membranes, other molecular function, transport |
| 590 | Q6RUV5 | 4E-102 | -2.301 | Ras-related C3 botulinum toxin substrate 1 | Small gtpase mediated signal transduction | Other membranes, other molecular function, plasma membrane |
| 599 | P33300 | 9E-25 | -3.018 | Mannosyl phosphorylinositol ceramide synthase SUR1 | Lipid biosynthetic process | Other membranes, other molecular function |
| 612 | Q9M573 | 2E-42 | -2.308 | 60S ribosomal protein L31 | Translation | Other cellular component, translational apparatus |
| 613 | Q8L493 | 1E-50 | -2.835 | Branched-chain-amino-acid aminotransferase-like protein 3, chloroplastic | Cofactor biosynthetic process, heterocycle biosynthetic process | Other cellular component, other molecular function |
| 617 | A7SG73 | 3E-96 | -3.41 | Nicotinate-nucleotide pyrophosphorylase [carboxylating] | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 636 | Q9FMY1 | 6E-38 | -2.121 | Cytochrome P450 86B1 | Cellular amino acid derivative biosynthetic process, fatty acid biosynthetic process, lipid biosynthetic process |  |
| 651 | Q9LFT9 | 5E-90 | -3.39 | Ras-related protein RABH1e | Small gtpase mediated signal transduction |  |
| 660 | Q8WUX1 | 7E-28 | -2.142 | Sodium-coupled neutral amino acid transporter 5 | Amino acid transport | Other membranes, plasma membrane |
| 665 | O74327 | 4E-20 |  | Putative amino acid permease C1685.07c | Amino acid transport, vacuolar transport | Other membranes, transport |
| 667 | Q39572 | 2E-43 | -3.192 | Ras-related protein YPTC6 | Small gtpase mediated signal transduction | Other membranes, other molecular function, plasma membrane |
| 672 | Q0SRK2 | 2E-88 | -2.155 | Aspartate--ammonia ligase | Ncrna metabolic process, translation | Other cellular component, other metabolic processes, other molecular function |
| 693 | O49397 | 7E-15 | -2.888 | Two-component response regulator ARR10 | Shoot development, shoot system development | Nucleic acid binding activity, nucleus, rna metabolism, signal transduction |
| 697 | A8MR93 | 3E-66 | -2.44 | Dol-P-Man:Man(7)GlcNAc(2)-PP-Dol alpha-1,6-mannosyltransferase | Lipid biosynthetic process, phospholipid biosynthetic process |  |
| 706 | Q5UPJ7 | 2E-80 | -2.153 | Tyrosine--tRNA ligase | Ncrna metabolic process, translation | Other molecular function, protein metabolism |
| 731 | Q797A7 | 1E-48 |  | Uncharacterized amino acid permease YfnA | Amino acid transport | Other membranes, plasma membrane |
| 735 | O74439 | 8E-109 | -2.717 | Uncharacterized mitochondrial carrier C1682.09c | Mitochondrion organization | Mitochondrion, other membranes, transport |
| 771 | P02434 | 2E-37 | -2.933 | 60S ribosomal protein L35a | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 772 | Q09195 | 1E-116 | -2.456 | Delta(14)-sterol reductase | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 773 | P26883 | 1E-32 | -2.569 | Peptidyl-prolyl cis-trans isomerase FKBP1A | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 778 | Q19713 | 5E-150 | -2.918 | Phenylalanine--tRNA ligase beta chain | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 784 | C1DHS2 | 0.0000003 | -3.191 | Ubiquinone/menaquinone biosynthesis methyltransferase ubiE | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 793 | Q8BIQ5 | 7E-29 | -3.145 | Cleavage stimulation factor subunit 2 | RNA processing | Nucleic acid binding activity, nucleus, other molecular function, RNA metabolism |
| 795 | Q797A7 | 7E-21 | -2.275 | Uncharacterized amino acid permease YfnA | Amino acid transport | Other membranes, plasma membrane |
| 797 | O65059 | 1E-56 | -2.742 | 40S ribosomal protein S15 | Translation | Other cellular component, translational apparatus |
| 803 | O43447 | 1E-69 | -2.745 | Peptidyl-prolyl cis-trans isomerase H | Protein folding, RNA processing, RNA splicing | Nucleus, other cellular component, other molecular function, protein metabolism, RNA metabolism |
| 822 | Q8DH42 | 4E-76 | -2.32 | Glutamate 5-kinase | Heterocycle biosynthetic process | Kinase activity, other cellular component, other metabolic processes, other molecular function |
| 826 | Q5PQR5 | 1E-93 | -2.906 | U3 small nucleolar ribonucleoprotein protein IMP4 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other biological processes, other cellular component, RNA metabolism |
| 836 | P05455 | 1E-19 | -2.373 | Lupus La protein | Ncrna metabolic process, ncrna processing, RNA processing | Nucleic acid binding activity, nucleus |
| 840 | Q9SF85 | 6E-132 | -2.93 | Adenosine kinase 1 | Heterocycle biosynthetic process, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, response to carbohydrate stimulus, ribonucleoside biosynthetic process | Kinase activity, other biological processes, other metabolic processes, other molecular function |
| 845 | P22307 | 6E-20 | -3.102 | Non-specific lipid-transfer protein | Lipid biosynthetic process, steroid biosynthetic process | Mitochondrion, other cellular component, other cytoplasmic organelle, other molecular function, transport |
| 859 | Q92979 | 1E-57 | -3.704 | Ribosomal RNA small subunit methyltransferase NEP1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other cellular component, RNA metabolism |
| 873 | Q9FMU5 | 3E-88 | -2.79 | U3 small nucleolar RNA-associated protein 18 homolog | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, RNA metabolism |
| 914 | Q8VWZ8 | 1E-31 | -3.868 | Methylsterol monooxygenase 2-2 | Fatty acid biosynthetic process, lipid biosynthetic process |  |
| 920 | Q91ZW6 | 1E-42 | -2.298 | Trimethyllysine dioxygenase, mitochondrial | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 931 | P53605 | 5E-10 | -2.675 | Outer membrane protein MIP | Protein folding | Other biological processes, other membranes, other molecular function, plasma membrane, protein metabolism |
| 949 | A2RRV9 | 6E-79 | -2.565 | Cytosolic Fe-S cluster assembly factor narfl | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 952 | O55236 | 1E-15 | -2.601 | mRNA-capping enzyme | RNA processing | Nucleus, other molecular function, RNA metabolism |
| 958 | P53914 | 6E-47 | -2.086 | UPF0202 protein KRE33 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other molecular function |
| 972 | Q5RAZ4 | 2E-105 | -2.557 | Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 974 | Q15738 | 3E-51 | -2.005 | Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 980 | P37586 | 3E-65 | 2.016 | Methionine synthase | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 1009 | Q0DK10 | 2E-84 | -2.636 | 60S ribosomal protein L11 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 1017 | P15705 | 1E-13 | -3.452 | Heat shock protein STI1 | Protein folding | Other cellular component, other molecular function, stress response |
| 1019 | P13228 | 7E-69 | -4.497 | Tryptophan synthase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 1020 | Q8L4Y2 | 1E-24 | -2.692 | Probable 1-acyl-sn-glycerol-3-phosphate acyltransferase 4 | Lipid biosynthetic process, phospholipid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 1034 | Q4LB35 | 2E-68 | -2.031 | Folic acid synthesis protein fol1 | Cofactor biosynthetic process, heterocycle biosynthetic process | Kinase activity, other cellular component, other metabolic processes, other molecular function |
| 1044 | P55844 | 8E-30 | -3.078 | Probable 60S ribosomal protein L14 | Translation | Other cellular component, translational apparatus |
| 1046 | Q5R788 | 3E-21 | -3.947 | Iron-sulfur cluster assembly 2 homolog, mitochondrial | Cofactor biosynthetic process | Mitochondrion, other molecular function |
| 1048 | O07576 | 0.000005 | -2.687 | Uncharacterized amino acid permease YhdG | Amino acid transport | Other membranes, plasma membrane |
| 1054 | Q14690 | 3E-50 | -2.523 | Protein RRP5 homolog | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other molecular function, RNA metabolism |
| 1072 | Q5DU56 | 4E-23 | -2.53 | Protein NLRC3 | Regulation of transcription factor activity | Other biological processes, other cellular component, other molecular function, rna metabolism, signal transduction |
| 1076 | Q6BZW3 | 2E-37 | -2.495 | Protein BTN1 | Amino acid transport | Other cytoplasmic organelle, other membranes, transport |
| 1079 | O43940 | 5E-12 | -3.736 | 60S acidic ribosomal protein P2 | Translation | Other cellular component, translational apparatus |
| 1087 | O42867 | 1E-79 | -2.291 | 60S ribosomal protein L23 | Translation | Other cellular component, translational apparatus |
| 1093 | Q58DR2 | 5E-39 | -2.454 | DnaJ homolog subfamily B member 12 | Protein folding | Other membranes |
| 1113 | Q9SLP4 | 0.00000002 | -2.743 | Chitinase 1 | Polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 1118 | P67587 | 3E-102 | -2.566 | Tryptophan--tRNA ligase | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 1151 | O42699 | 4E-60 | -2.988 | 60S ribosomal protein L19-B | Translation | Other cellular component, translational apparatus |
| 1159 | P21772 | 5E-17 | -3.367 | 40S ribosomal protein S26E | Translation | Other cellular component, translational apparatus |
| 1165 | P51418 | 2E-60 | -2.147 | 60S ribosomal protein L18a-2 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, translation | Other cellular component, translational apparatus |
| 1201 | Q74EU7 | 1E-90 | -2.64 | Bifunctional protein FolD 2 | Cellular amino acid derivative biosynthetic process, cofactor biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 1218 | Q8DW17 | 8E-30 | -2.501 | Putative agmatine deiminase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other molecular function |
| 1219 | O88828 | 2E-37 | -3.304 | DNA-directed RNA polymerases I, II, and III subunit RPABC2 | RNA processing, RNA splicing | Kinase activity, nucleus, other molecular function, RNA metabolism |
| 1229 | P46953 | 3E-56 | -2.33 | 3-hydroxyanthranilate 3,4-dioxygenase | Cofactor biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 1235 | Q5PQA4 | 1E-90 | -2.119 | NADH-cytochrome b5 reductase 2 | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 1249 | P62084 | 4E-57 | -3.066 | 40S ribosomal protein S7 | Translation | Other cellular component, translational apparatus |
| 1268 | A8KBL5 | 8E-53 | -3.021 | Putative sodium-coupled neutral amino acid transporter 11 | Amino acid transport | Other membranes, other molecular function, transport |
| 1281 | Q8NI36 | 5E-145 | -2.133 | WD repeat-containing protein 36 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Other biological processes |
| 1288 | Q10I26 | 2E-106 | -2.511 | DEAD-box ATP-dependent RNA helicase 34 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other molecular function, RNA metabolism |
| 1289 | P62859 | 3E-18 | -4.351 | 40S ribosomal protein S28 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing, translation | Other cellular component, translational apparatus |
| 1305 | P19584 | 4E-89 | -2.989 | Thermophilic beta-amylase | Polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 1312 | Q5ZML3 | 5E-35 | -2.071 | Serine/arginine-rich splicing factor 1 | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, RNA metabolism |
| 1313 | Q38884 | 2E-104 | -3.104 | Eukaryotic translation initiation factor 3 subunit I | Translation | Nucleic acid binding activity, other cellular component, protein metabolism |
| 1319 | Q8AVY8 | 1E-20 | -2.034 | Estradiol 17-beta-dehydrogenase 12-B | Lipid biosynthetic process, steroid biosynthetic process | Er/golgi, other membranes, other metabolic processes, other molecular function |
| 1336 | Q9WVK3 | 3E-85 | -3.784 | Peroxisomal trans-2-enoyl-CoA reductase | Fatty acid biosynthetic process, lipid biosynthetic process | Mitochondrion, other cytoplasmic organelle, other metabolic processes, other molecular function |
| 1338 | Q1AU89 | 2E-77 | -3.591 | Anthranilate phosphoribosyltransferase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 1343 | Q9M643 | 3E-27 | -2.729 | Cycloeucalenol cycloisomerase | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other molecular function |
| 1353 | Q6C8M8 | 2E-26 |  | Sterol 3-beta-glucosyltransferase | Lipid biosynthetic process, steroid biosynthetic process | Other cellular component, other membranes, other metabolic processes, other molecular function, transport |
| 1370 | Q9US35 | 2E-38 | -2.358 | D-serine dehydratase | Fatty acid biosynthetic process, lipid biosynthetic process | Nucleus, other cellular component, other molecular function |
| 1374 | O24412 | 2E-118 | -3.538 | Probable 26S proteasome non-ATPase regulatory subunit 7 | Shoot development, shoot system development | Other cellular component |
| 1383 | Q99L28 | 6E-59 | -4.998 | Probable ribosome biogenesis protein RLP24 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, translation | Nucleus, other biological processes |
| 1445 | O14044 | 1E-75 | -3.103 | Pre-rRNA-processing protein pno1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other cellular component |
| 1462 | Q9H3S4 | 6E-46 | -2.124 | Thiamin pyrophosphokinase 1 | Cofactor biosynthetic process, heterocycle biosynthetic process | Kinase activity, other molecular function |
| 1483 | Q8LGH4 | 0 | -2.427 | Cullin-4 | Response to carbohydrate stimulus, shoot development, shoot system development |  |
| 1485 | P74572 | 1E-48 | -2.675 | Pyrroline-5-carboxylate reductase | Heterocycle biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 1490 | Q6IP09 | 2E-37 | -2.011 | Polyadenylate-binding protein 1-B | RNA processing, translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism, RNA metabolism |
| 1509 | Q5ZJR8 | 2E-50 | -2.683 | Elongation of very long chain fatty acids protein 6 | Fatty acid biosynthetic process, lipid biosynthetic process | Er/golgi, mitochondrion, other membranes, other metabolic processes |
| 1514 | Q5R9Y4 | 5E-93 | -2.351 | Ras-related protein Rab-7a | Small gtpase mediated signal transduction | Other cellular component, other cytoplasmic organelle, other molecular function, transport |
| 1519 | Q61749 | 1E-89 | -2.369 | Translation initiation factor eIF-2B subunit delta | Translation | Developmental processes, enzyme regulator activity, nucleic acid binding activity, other biological processes, other cellular component, protein metabolism, translational apparatus |
| 1540 | Q8S4Y1 | 2E-52 | -4.552 | Acetyl-CoA acetyltransferase, cytosolic 1 | Lipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 1558 | A7YW98 | 7E-84 | -2.172 | Arginine--tRNA ligase, cytoplasmic | Ncrna metabolic process, translation |  |
| 1559 | Q2KHU3 | 2E-53 | -3.063 | Exosome complex component RRP43 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, other molecular function, RNA metabolism |
| 1575 | A5UY94 | 2E-119 | -2.002 | Pyridoxal biosynthesis lyase pdxS | Cofactor biosynthetic process, vitamin B6 biosynthetic process, vitamin B6 metabolic process | Other molecular function |
| 1581 | Q9UNX4 | 7E-99 | -2.715 | WD repeat-containing protein 3 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus |
| 1582 | O94375 | 3E-24 | -3.005 | RNA exonuclease 4 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other molecular function, RNA metabolism |
| 1591 | P38680 | 2E-12 | -2.6 | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 1600 | P62246 | 1E-63 | -3.933 | 40S ribosomal protein S15a | Translation | Other cellular component, translational apparatus |
| 1604 | O96827 | 2E-10 | -2.191 | Probable elongation factor 1-beta | Translation | Nucleic acid binding activity, protein metabolism |
| 1618 | Q9UTK0 | 4E-29 | -2.005 | 20S-pre-rRNA D-site endonuclease nob1 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other biological processes, other cellular component, other molecular function |
| 1626 | Q8VWZ8 | 1E-11 | -2.52 | Methylsterol monooxygenase 2-2 | Fatty acid biosynthetic process, lipid biosynthetic process |  |
| 1631 | Q5R8J8 | 0.0000004 | -2.292 | DnaJ homolog subfamily B member 4 | Protein folding |  |
| 1638 | Q8YUA5 | 1E-76 | -2.561 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 1642 | B3EE31 | 1E-11 | -3.457 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 1649 | O09174 | 3E-132 | -2.341 | Alpha-methylacyl-CoA racemase | Lipid biosynthetic process, steroid biosynthetic process | Mitochondrion, other cytoplasmic organelle, other molecular function |
| 1684 | Q8R5K5 | 9E-38 | -3.563 | Probable U3 small nucleolar RNA-associated protein 11 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, RNA metabolism |
| 1730 | Q0III6 | 6E-26 | -2.936 | DnaJ homolog subfamily B member 6 | Protein folding | Nucleus, other cellular component |
| 1737 | Q9P975 | 5E-16 | -3.688 | Eukaryotic translation initiation factor 4E | Translation | Nucleic acid binding activity, protein metabolism |
| 1742 | Q9AXQ4 | 3E-41 | -2.335 | Eukaryotic translation initiation factor 5A-3 | Translation | Nucleic acid binding activity, protein metabolism |
| 1745 | Q10251 | 0 | -2.007 | Eukaryotic translation initiation factor 5B | Translation | Nucleic acid binding activity, other molecular function, protein metabolism |
| 1767 | Q9R1J0 | 2E-25 |  | Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 1783 | Q6AXR5 | 7E-84 | -2.203 | UDP-N-acetylglucosamine transporter | Nucleotide-sugar transport | Er/golgi, other membranes, transport |
| 1785 | Q64378 | 1E-12 | -2.014 | Peptidyl-prolyl cis-trans isomerase FKBP5 | Protein folding | Nucleus, other cellular component, other molecular function, protein metabolism |
| 1788 | Q9VXX8 | 2E-37 | -4.039 | Probable 60S ribosomal protein L37-A | Translation | Nucleic acid binding activity, other cellular component, other molecular function, translational apparatus |
| 1791 | C5A7L8 | 3E-30 | -2.213 | Mevalonate kinase | Lipid biosynthetic process | Kinase activity, other cellular component, other molecular function |
| 1829 | P32899 | 2E-69 | -5.558 | U3 small nucleolar ribonucleoprotein protein IMP3 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other cellular component, RNA metabolism |
| 1843 | B1ZGB4 | 2E-24 | -4.12 | 50S ribosomal protein L20 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 1879 | C5B8B9 | 4E-91 | -3.252 | tRNA-specific 2-thiouridylase mnmA | Ncrna metabolic process, ncrna processing, RNA processing | Nucleic acid binding activity, other cellular component, other molecular function, RNA metabolism |
| 1895 | Q9P7H3 | 6E-19 | -2.906 | Prohibitin-1 | Mitochondrial membrane organization, mitochondrion organization, protein folding | Mitochondrion, other cellular component, other membranes |
| 1899 | Q8QHI3 | 2E-65 | -2.494 | ADP-ribosylation factor-like protein 3 | Small gtpase mediated signal transduction | Cell cycle and proliferation, cytoskeleton, ER/Golgi, nucleus, other biological processes, other cellular component, other membranes, other molecular function |
| 1901 | P61866 | 2E-69 | -2.875 | 60S ribosomal protein L12 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 1920 | Q9M0C3 | 8E-09 | -2.093 | RING-H2 finger protein ATL14 | Response to carbohydrate stimulus |  |
| 1921 | Q13823 | 4E-172 | -2.205 | Nucleolar GTP-binding protein 2 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other biological processes, other molecular function |
| 1929 | Q58DS9 | 5E-68 | -4.136 | Ras-related protein Rab-5C | Small gtpase mediated signal transduction | Other cytoplasmic organelle, other membranes, other molecular function, plasma membrane, transport |
| 1944 | P42824 | 3E-19 |  | DnaJ protein homolog 2 | Protein folding | Other membranes, other molecular function |
| 1946 | O22928 | 2E-36 | -2.72 | Putative tRNA pseudouridine synthase | Ncrna metabolic process, ncrna processing, RNA processing | Other molecular function, RNA metabolism |
| 1955 | Q8N983 | 9E-19 | -3.764 | 39S ribosomal protein L43, mitochondrial | Translation | Mitochondrion, other cellular component, translational apparatus |
| 1968 | Q01134 | 1E-37 | -2.832 | Choline kinase alpha | Lipid biosynthetic process, phospholipid biosynthetic process | Kinase activity, other cellular component, other metabolic processes, other molecular function |
| 1987 | Q962T2 | 0.000001 | -2.766 | 60S ribosomal protein L28 | Translation | Other cellular component, translational apparatus |
| 1992 | Q84L08 | 1E-54 | -2.569 | GDP-mannose transporter GONST4 | Nucleotide-sugar transport |  |
| 1993 | Q86VX2 | 1E-28 | -4.513 | COMM domain-containing protein 7 | Regulation of transcription factor activity |  |
| 2024 | P50457 | 9E-84 | -2.039 | 4-aminobutyrate aminotransferase PuuE | Vitamin B6 biosynthetic process, vitamin B6 metabolic process | Other molecular function |
| 2037 | Q99145 | 1E-79 | -2.294 | ATP phosphoribosyltransferase | Heterocycle biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 2075 | Q6BH93 | 5E-28 | -2.911 | ATP-dependent RNA helicase HAS1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other molecular function, RNA metabolism |
| 2089 | Q5E9R6 | 4E-34 | -2.121 | Ceramide synthase 4 | Lipid biosynthetic process | Er/golgi, nucleic acid binding activity, nucleus, other membranes, other metabolic processes |
| 2095 | B4LN42 | 0.0000005 | -2.774 | Eukaryotic translation initiation factor 3 subunit J | Translation | Nucleic acid binding activity, other cellular component, protein metabolism |
| 2103 | Q8BMB3 | 2E-57 | -2.208 | Eukaryotic translation initiation factor 4E type 2 | Translation | Nucleic acid binding activity, protein metabolism |
| 2109 | O74327 | 9E-30 | -4.25 | Putative amino acid permease C1685.07c | Amino acid transport, vacuolar transport | Other membranes, transport |
| 2111 | Q9SS17 | 1E-45 | -3.616 | 40S ribosomal protein S24-1 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, translation | Other cellular component, translational apparatus |
| 2124 | Q96DI7 | 7E-71 | -2.389 | U5 small nuclear ribonucleoprotein 40 kDa protein | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 2173 | Q62940 | 1E-09 | -2.309 | E3 ubiquitin-protein ligase NEDD4 | Vacuolar transport | Other cellular component, other molecular function, protein metabolism |
| 2189 | Q8RGF2 | 3E-23 | -3.145 | Phosphatidylserine decarboxylase proenzyme | Lipid biosynthetic process, phospholipid biosynthetic process | Other metabolic processes, other molecular function |
| 2190 | Q5R5F1 | 2E-44 | -2.794 | U4/U6 small nuclear ribonucleoprotein Prp3 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 2219 | B0C079 | 1E-10 | -2.221 | Pyridoxine/pyridoxamine 5'-phosphate oxidase | Vitamin B6 biosynthetic process, vitamin B6 metabolic process | Other metabolic processes, other molecular function |
| 2220 | O67505 | 7E-36 | -2.366 | Enoyl-[acyl-carrier-protein] reductase [NADH] FabI | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes, other molecular function |
| 2230 | Q6PQD5 | 2E-58 | -4.106 | Serine-protein kinase ATM | Translation | Cell cycle and proliferation, cell organization and biogenesis, dna metabolism, kinase activity, nucleic acid binding activity, nucleus, other biological processes, other cellular component, other molecular function, stress response |
| 2237 | P30181 | 1E-156 | -2.049 | DNA topoisomerase 1 | Shoot development, shoot system development | Nucleic acid binding activity, nucleus, other molecular function |
| 2262 | P38680 | 3E-11 | -3.279 | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 2279 | Q6DRC4 | 5E-44 | -2.545 | Eukaryotic translation initiation factor 3 subunit G | Translation | Nucleic acid binding activity, other cellular component, protein metabolism |
| 2283 | Q17R06 | 8E-73 | -2.159 | Ras-related protein Rab-21 | Small gtpase mediated signal transduction | ER/Golgi, other cellular component, other cytoplasmic organelle, other membranes, other molecular function, transport |
| 2290 | Q92769 | 1E-179 | -2.613 | Histone deacetylase 2 | Regulation of transcription factor activity | Cell organization and biogenesis, nucleus, other molecular function, rna metabolism |
| 2295 | Q9ZUU1 | 1E-28 | -2.397 | Probable adenylate kinase 1, chloroplastic | Shoot development, shoot system development | Kinase activity, other cellular component, other molecular function |
| 2306 | Q15070 | 9E-38 | -3.029 | Mitochondrial inner membrane protein OXA1L | Mitochondrion organization | Mitochondrion, other membranes |
| 2315 | Q6C741 | 6E-20 | -2.858 | Glycosylphosphatidylinositol anchor biosynthesis protein 11 | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes, protein metabolism |
| 2316 | Q5LNF2 | 7E-21 | -2.038 | 30S ribosomal protein S16 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, translation | Other cellular component, translational apparatus |
| 2323 | Q9D4V7 | 1E-16 | -2.38 | Rab-like protein 3 | Small gtpase mediated signal transduction | Other molecular function |
| 2337 | P40393 | 1E-70 | -3.152 | Ras-related protein RIC2 | Small gtpase mediated signal transduction | Other membranes, other molecular function, plasma membrane |
| 2368 | P38680 | 2E-17 |  | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 2369 | Q3S8M4 | 4E-31 | -4.395 | Elongation of very long chain fatty acids protein 4 | Fatty acid biosynthetic process, lipid biosynthetic process | Er/golgi, other membranes, other metabolic processes |
| 2406 | P24920 | 3E-99 | -3.565 | Tryptophan biosynthesis protein TRP1 | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 2409 | Q13526 | 9E-42 | -3.105 | Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 | Protein folding | Cell cycle and proliferation, nucleus, other molecular function, protein metabolism |
| 2412 | Q9GR88 | 0 | -2.029 | Eukaryotic peptide chain release factor subunit 1 | Translation | Other cellular component, protein metabolism |
| 2416 | Q9FJ78 | 0.0000006 | -2.429 | Probable long-chain-alcohol O-fatty-acyltransferase 7 | Lipid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 2419 | P40997 | 2E-25 | -3.974 | mRNA-capping enzyme subunit alpha | RNA processing | Nucleus, other molecular function, RNA metabolism |
| 2434 | P60764 | 4E-79 | -2.905 | Ras-related C3 botulinum toxin substrate 3 | Small gtpase mediated signal transduction | Cell organization and biogenesis, other cellular component, other membranes, other molecular function |
| 2439 | P87239 | 1E-09 | -2.337 | DnaJ homolog 1, mitochondrial | Protein folding | Mitochondrion, other molecular function |
| 2483 | P42824 | 4E-48 |  | DnaJ protein homolog 2 | Protein folding | Other membranes, other molecular function |
| 2496 | Q9BZJ0 | 2E-64 | -2.314 | Crooked neck-like protein 1 | Ribonucleoprotein complex biogenesis, RNA processing, RNA splicing | Nucleus, other cellular component, RNA metabolism |
| 2500 | O43818 | 9E-95 | -2.88 | U3 small nucleolar RNA-interacting protein 2 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 2511 | O94584 | 2E-39 | -3.527 | Uncharacterized CDP-alcohol phosphatidyltransferase class-I family protein C1442.12 | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process, lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other cellular component, other membranes, other molecular function |
| 2523 | P38680 | 2E-20 |  | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 2530 | P61759 | 3E-33 | -2.131 | Prefoldin subunit 3 | Protein folding | Nucleus, other cellular component |
| 2546 | P40940 | 2E-76 | -2.751 | ADP-ribosylation factor 3 | Small gtpase mediated signal transduction | ER/Golgi, other molecular function, transport |
| 2562 | Q5R6Y0 | 2E-130 | -2.748 | HBS1-like protein | Translation | Nucleic acid binding activity, other molecular function, protein metabolism |
| 2629 | O22607 | 1E-75 | -3.425 | WD-40 repeat-containing protein MSI4 | Shoot development, shoot system development | Cell organization and biogenesis, developmental processes, nucleus, other biological processes, rna metabolism |
| 2653 | Q6P8E9 | 4E-52 | -5.908 | NHP2-like protein 1 | Ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 2668 | Q7RTR2 | 1E-47 |  | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 2682 | Q9R078 | 4E-39 | -2.581 | 5'-AMP-activated protein kinase subunit beta-1 | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes |
| 2691 | Q5R7X2 | 0.00000005 | -2.491 | U2 snRNP-associated SURP motif-containing protein | RNA processing | Nucleic acid binding activity |
| 2706 | Q9VND8 | 2E-38 | -2.835 | GTP-binding protein Rheb homolog | Small gtpase mediated signal transduction | Other membranes, other molecular function, plasma membrane |
| 2732 | P71019 | 1E-41 | -2.459 | Malonyl CoA-acyl carrier protein transacylase | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes, other molecular function |
| 2742 | Q6C9P3 | 7E-138 | -2.199 | ATP-dependent RNA helicase DBP3 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other molecular function, RNA metabolism |
| 2753 | P67999 | 2E-91 | -2.234 | Ribosomal protein S6 kinase beta-1 | Response to carbohydrate stimulus | Kinase activity, other cellular component, other membranes, other molecular function, plasma membrane |
| 2757 | Q9FJD0 | 1E-09 | -2.388 | Vacuolar protein sorting-associated protein 26A | Vacuolar transport |  |
| 2759 | P38680 | 3E-21 | -2.296 | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 2774 | Q9LDC0 | 3E-21 | -3.785 | 42 kDa peptidyl-prolyl isomerase | Protein folding, shoot development, shoot system development | Other cytoplasmic organelle, other membranes, other molecular function, plasma membrane, protein metabolism, signal transduction |
| 2780 | Q9FJL3 | 1E-21 |  | Peptidylprolyl isomerase | Protein folding |  |
| 2798 | P62137 | 4E-116 | -2.849 | Serine/threonine-protein phosphatase PP1-alpha catalytic subunit | Cellular polysaccharide metabolic process, polysaccharide metabolic process | Cell cycle and proliferation, nucleus, other biological processes, other cellular component, other metabolic processes, other molecular function |
| 2811 | Q8DRP8 | 1E-44 | -3.977 | Hypoxanthine-guanine phosphoribosyltransferase | Heterocycle biosynthetic process, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, ribonucleoside biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 2831 | Q9NX74 | 2E-68 | -2.569 | tRNA-dihydrouridine(20) synthase [NAD(P)+]-like | Ncrna metabolic process, ncrna processing, RNA processing | ER/Golgi, nucleic acid binding activity, other cellular component, other metabolic processes, other molecular function, RNA metabolism |
| 2855 | Q0IIG7 | 4E-41 | -2.89 | Ras-related protein Rab-5A | Small gtpase mediated signal transduction | Cell organization and biogenesis, other cytoplasmic organelle, other membranes, other molecular function, plasma membrane, transport |
| 2869 | O74184 | 8E-98 | -3.326 | WD repeat-containing protein wat1 | RNA processing |  |
| 2870 | Q9VI10 | 4E-40 | -2.064 | Probable small nuclear ribonucleoprotein Sm D2 | RNA processing, RNA splicing | Nucleus, other cellular component, RNA metabolism |
| 2872 | Q3M698 | 5E-54 | -2.948 | Octanoyltransferase | Cofactor biosynthetic process, heterocycle biosynthetic process | Other cellular component, other molecular function |
| 2893 | Q3MHE2 | 1E-69 | -2.509 | U4/U6 small nuclear ribonucleoprotein Prp4 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 2894 | Q6NVU2 | 3E-158 | -2.426 | Serine/threonine-protein phosphatase PP1-gamma catalytic subunit | Cellular polysaccharide metabolic process, polysaccharide metabolic process | Cell cycle and proliferation, cell organization and biogenesis, other biological processes, other cellular component, other membranes, other metabolic processes, other molecular function, protein metabolism |
| 2898 | Q84L08 | 2E-76 | -2.486 | GDP-mannose transporter GONST4 | Nucleotide-sugar transport |  |
| 2940 | Q65VQ5 | 7E-98 | -2.204 | Alanine--tRNA ligase | Ncrna metabolic process, translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 2965 | Q8DW17 | 4E-34 |  | Putative agmatine deiminase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other molecular function |
| 2966 | Q8YVU6 | 5E-91 | -3.13 | Porphobilinogen deaminase | Cofactor biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 2991 | P42765 | 8E-144 | -2.264 | 3-ketoacyl-CoA thiolase, mitochondrial | Lipid biosynthetic process, steroid biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 2996 | Q2TBR6 | 6E-17 | -3.436 | Prefoldin subunit 4 | Protein folding |  |
| 3022 | A5UQW9 | 2E-09 | -3.768 | 30S ribosomal protein S18 1 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 3033 | Q2KI84 | 6E-166 | -2.183 | Histidine--tRNA ligase, cytoplasmic | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 3049 | Q8L3X9 | 1E-121 | -2.363 | 3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial | Fatty acid biosynthetic process, lipid biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 3064 | Q5PQA4 | 2E-89 |  | NADH-cytochrome b5 reductase 2 | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 3069 | Q24562 | 0.000001 | -4.571 | Splicing factor U2AF 50 kDa subunit | Ribonucleoprotein complex biogenesis, RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, RNA metabolism |
| 3073 | Q10282 | 0.0000002 | -5.016 | Guanine nucleotide-binding protein subunit beta | Response to carbohydrate stimulus | Nucleus, other biological processes, other cellular component, signal transduction, signal transduction activity |
| 3075 | P53163 | 2E-17 | -3.884 | 54S ribosomal protein L12, mitochondrial | Translation | Mitochondrion, other cellular component, translational apparatus |
| 3089 | Q3MHV9 | 8E-22 | -2.37 | Serine incorporator 1 | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes, other metabolic processes |
| 3103 | B2RX14 | 2E-30 | -2.13 | Terminal uridylyltransferase 4 | Ncrna metabolic process, ncrna processing, regulation of transcription factor activity, RNA processing | Nucleus, other biological processes, other cellular component, other metabolic processes, other molecular function, RNA metabolism |
| 3111 | Q475Y4 | 4E-19 | -4.219 | Putative pterin-4-alpha-carbinolamine dehydratase 1 | Heterocycle biosynthetic process | Other molecular function |
| 3132 | Q39613 | 1E-78 | -2.07 | Peptidyl-prolyl cis-trans isomerase | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 3143 | Q7RTR2 | 1E-19 | -2.838 | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 3153 | P91791 | 1E-65 | -4.192 | Peptidyl-prolyl cis-trans isomerase | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 3156 | Q9XGX7 | 2E-12 | -3.667 | Mitochondrial import inner membrane translocase subunit Tim9 | Mitochondrial membrane organization, mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes, other molecular function, transport |
| 3162 | Q9LZG0 | 9E-65 | -3.758 | Adenosine kinase 2 | Heterocycle biosynthetic process, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, ribonucleoside biosynthetic process | Kinase activity, other biological processes, other metabolic processes, other molecular function |
| 3205 | Q8L9A0 | 9E-12 | -2.949 | 50S ribosomal protein L21, mitochondrial | Translation | Mitochondrion, nucleic acid binding activity, other cellular component, translational apparatus |
| 3231 | A4QND5 | 5E-71 | -3.963 | 60S ribosome subunit biogenesis protein NIP7 homolog | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleic acid binding activity, nucleus, other biological processes |
| 3236 | Q7SY07 | 1E-16 | -3.556 | Probable RNA-binding protein EIF1AD | Translation | Nucleic acid binding activity |
| 3237 | Q5RAY0 | 2E-16 | -2.988 | Prefoldin subunit 5 | Protein folding |  |
| 3254 | Q9FVQ1 | 7E-17 | -2.352 | NuM1 protein, putative | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing, shoot development, shoot system development |  |
| 3269 | O04928 | 5E-97 | -2.325 | Phosphatidate cytidylyltransferase | Lipid biosynthetic process, phospholipid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 3280 | Q9UJA2 | 4E-22 | -2.87 | Cardiolipin synthase | Lipid biosynthetic process, phospholipid biosynthetic process | Mitochondrion, other membranes, other metabolic processes, other molecular function |
| 3284 | Q4KL91 | 6E-36 | -2.199 | Proton-coupled amino acid transporter 4 | Amino acid transport | Other membranes, transport, transporter activity |
| 3305 | Q1QN25 | 8E-13 | -3.227 | 50S ribosomal protein L22 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 3308 | Q3SYC2 | 2E-29 | -3.907 | 2-acylglycerol O-acyltransferase 2 | Lipid biosynthetic process | Er/golgi, other membranes, other metabolic processes, other molecular function |
| 3359 | Q7RTR2 | 4E-15 |  | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 3366 | Q5N2X5 | 2E-35 | -3.492 | tRNA (guanine-N(7)-)-methyltransferase | Ncrna metabolic process, ncrna processing, RNA processing | Other molecular function, RNA metabolism |
| 3381 | Q5ZMS3 | 4E-88 | -2.283 | Eukaryotic translation initiation factor 2 subunit 3 | Translation | Nucleic acid binding activity, other molecular function, protein metabolism |
| 3389 | Q3ZBS8 | 2E-13 | -3.905 | Mitochondrial import inner membrane translocase subunit Tim8 A | Mitochondrial membrane organization, mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes, other molecular function, transport |
| 3408 | Q5E951 | 8E-36 | -2.464 | Tubulin-folding cofactor B | Protein folding | Cytoskeleton, developmental processes, other biological processes, other cellular component |
| 3425 | Q8K582 | 4E-74 | -2.484 | tRNA-dihydrouridine(16/17) synthase [NAD(P)(+)]-like | Ncrna metabolic process, ncrna processing, RNA processing | Other metabolic processes, other molecular function, RNA metabolism |
| 3481 | P19836 | 3E-18 | -2.804 | Choline-phosphate cytidylyltransferase A | Lipid biosynthetic process, phospholipid biosynthetic process | Other cellular component, other membranes, other metabolic processes, other molecular function |
| 3501 | O74362 | 2E-46 | -2.261 | Pre-rRNA-processing protein esf2 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, RNA metabolism |
| 3503 | P36862 | 2E-62 | -2.854 | GTP-binding protein yptV3 | Small gtpase mediated signal transduction | Other membranes, other molecular function, plasma membrane, transport |
| 3537 | Q91WN4 | 3E-81 | -2.071 | Kynurenine 3-monooxygenase | Cofactor biosynthetic process | Mitochondrion, other membranes, other metabolic processes, other molecular function |
| 3581 | Q9SGW3 | 2E-43 | -3.722 | 26S proteasome non-ATPase regulatory subunit RPN12A | Shoot development, shoot system development |  |
| 3608 | P32495 | 8E-31 | -3.622 | H/ACA ribonucleoprotein complex subunit 2 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other cellular component, RNA metabolism |
| 3626 | Q500W7 | 6E-103 | -3.023 | GPI mannosyltransferase 1 | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Er/golgi, other membranes, other molecular function, protein metabolism |
| 3647 | P0A265 | 2E-26 | -3.092 | Peptidyl-prolyl cis-trans isomerase C | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 3655 | Q6C0U0 | 1E-51 | -3.436 | GDP-mannose transporter | Nucleotide-sugar transport | Er/golgi, other cellular component, other membranes, transport |
| 3699 | Q9CRA4 | 9E-11 | -2.262 | Methylsterol monooxygenase 1 | Fatty acid biosynthetic process, lipid biosynthetic process, steroid biosynthetic process | Er/golgi, other membranes, other metabolic processes, other molecular function |
| 3720 | P00860 | 1E-118 | -2.956 | Ornithine decarboxylase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other metabolic processes, other molecular function |
| 3724 | Q8TNI1 | 5E-153 | -2.601 | Phosphoserine aminotransferase | Vitamin B6 biosynthetic process, vitamin B6 metabolic process | Other cellular component, other metabolic processes, other molecular function |
| 3755 | Q6MD31 | 2E-37 | -3.656 | Queuine tRNA-ribosyltransferase | Ncrna metabolic process, ncrna processing, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, ribonucleoside biosynthetic process, RNA processing | Other molecular function, RNA metabolism |
| 3766 | O42866 | 0.00000005 | -3.321 | 3-oxoacyl-[acyl-carrier-protein] reductase | Fatty acid biosynthetic process, lipid biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 3775 | P38680 | 0.00000002 | -2.11 | N amino acid transport system protein | Amino acid transport | Other membranes, transport |
| 3842 | O59786 | 3E-102 | -3.362 | Ferrochelatase, mitochondrial | Cofactor biosynthetic process, heterocycle biosynthetic process | Mitochondrion, other membranes, other metabolic processes, other molecular function |
| 3843 | Q15428 | 5E-82 | -3.593 | Splicing factor 3A subunit 2 | Ribonucleoprotein complex biogenesis, RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 3852 | Q9FHN8 | 3E-28 |  | Kinesin-like calmodulin-binding protein | Shoot development, shoot system development |  |
| 3870 | Q7RTR2 | 1E-35 | -2.054 | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 3880 | Q8YVH1 | 2E-22 | -2.757 | Peptide deformylase 2 | Translation | Other molecular function, protein metabolism |
| 3881 | B4U6R6 | 3E-11 | -3.275 | 30S ribosomal protein S15 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 3895 | B8CXF1 | 2E-34 | -4.043 | Adenine phosphoribosyltransferase | Heterocycle biosynthetic process, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, ribonucleoside biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 3918 | Q08DT6 | 4E-17 | -3.629 | 39S ribosomal protein L47, mitochondrial | Translation | Mitochondrion, other cellular component, translational apparatus |
| 3927 | P0A9L4 | 2E-32 | -2.025 | FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase | Protein folding | Other molecular function, protein metabolism |
| 3937 | Q60352 | 1E-14 | -2.595 | Uncharacterized protein MJ0044 | Heterocycle biosynthetic process |  |
| 3980 | O96838 | 3E-16 | -2.159 | Putative 1-phosphatidylinositol-3-phosphate 5-kinase | Vacuolar transport | Kinase activity, other cytoplasmic organelle, other membranes, other molecular function, signal transduction |
| 3994 | Q65I24 | 0.00000001 | -2.372 | Demethylmenaquinone methyltransferase | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 4012 | Q63055 | 3E-53 | -3.019 | ADP-ribosylation factor-related protein 1 | Small gtpase mediated signal transduction | ER/Golgi, other molecular function |
| 4047 | O82782 | 3E-102 | -2.183 | 1-(5-phosphoribosyl)-5-[(5-phosphoribosylamino)methylideneamino] imidazole-4-carboxamide isomerase, chloroplastic | Heterocycle biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 4050 | P35182 | 1E-55 | -2.669 | Protein phosphatase 2C homolog 1 | Mitochondrion organization, ncrna metabolic process, ncrna processing, RNA processing, RNA splicing | Other molecular function, stress response |
| 4064 | Q7M9T3 | 0.0000002 | -5.263 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 4068 | Q9FHN8 | 2E-63 | -2.489 | Kinesin-like calmodulin-binding protein | Shoot development, shoot system development |  |
| 4076 | Q797A7 | 4E-26 |  | Uncharacterized amino acid permease YfnA | Amino acid transport | Other membranes, plasma membrane |
| 4089 | Q9YE02 | 7E-75 | -2.326 | Probable spermidine synthase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other metabolic processes, other molecular function |
| 4097 | Q1QDG9 | 1E-24 | -2.467 | 30S ribosomal protein S5 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 4109 | Q9UET6 | 9E-113 | -2.055 | Putative ribosomal RNA methyltransferase 1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Other molecular function, RNA metabolism |
| 4116 | A6X2G8 | 3E-172 | -2.306 | Betaine aldehyde dehydrogenase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other metabolic processes, other molecular function |
| 4191 | Q9X248 | 1E-44 | -3.123 | 3-oxoacyl-[acyl-carrier-protein] reductase FabG | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes, other molecular function |
| 4192 | Q9Y7M5 | 2E-27 | -2.233 | 60S ribosomal protein L10, mitochondrial | Mitochondrion organization, translation | Mitochondrion, other cellular component, translational apparatus |
| 4203 | Q05974 | 8E-73 | -2.321 | Ras-related protein Rab-1A | Small gtpase mediated signal transduction | ER/Golgi, other molecular function, transport |
| 4231 | P10746 | 2E-09 | -2.534 | Uroporphyrinogen-III synthase | Cofactor biosynthetic process, heterocycle biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 4247 | B2V7U3 | 9E-40 | -2.896 | Acyl-[acyl-carrier-protein]--UDP-N-acetylglucosamine O-acyltransferase | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other cellular component, other metabolic processes, other molecular function |
| 4254 | Q561R2 | 2E-27 | -2.382 | tRNA-specific adenosine deaminase-like protein 3 | Ncrna metabolic process, ncrna processing, RNA processing | Other molecular function, RNA metabolism |
| 4256 | Q9FMP4 | 1E-39 | -4.016 | Pre-mRNA branch site p14-like protein | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, RNA metabolism |
| 4260 | Q6CX30 | 4E-26 | -2.911 | FK506-binding protein 1 | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 4263 | Q987T6 | 2E-83 | -2.638 | Bifunctional protein FolD 2 | Cofactor biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 4272 | Q5AJS6 | 4E-17 | -2.522 | Multiple RNA-binding domain-containing protein 1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 4284 | P0AC75 | 1E-15 | -2.854 | 3-deoxy-D-manno-octulosonic-acid transferase | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other membranes, other metabolic processes, other molecular function, plasma membrane |
| 4294 | P05714 | 3E-76 | -3.37 | Ras-related protein Rab-4A | Small gtpase mediated signal transduction | Other cellular component, other membranes, other molecular function, transport |
| 4309 | O95749 | 3E-102 | -2.902 | Geranylgeranyl pyrophosphate synthase | Lipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 4316 | O74462 | 3E-59 | -2.702 | Transcription initiation factor TFIID subunit 6 | Regulation of transcription factor activity | Nucleus, rna metabolism |
| 4323 | Q05865 | 3E-36 |  | Folylpolyglutamate synthase | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 4331 | P83877 | 2E-76 | -2.916 | Thioredoxin-like protein 4A | RNA processing, RNA splicing | Cell cycle and proliferation, cell organization and biogenesis, nucleus, other biological processes, RNA metabolism |
| 4335 | Q8YDE4 | 1E-83 | -2.136 | Ubiquinone/menaquinone biosynthesis methyltransferase ubiE | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 4350 | O13471 | 4E-53 | -2.326 | Histidine biosynthesis trifunctional protein | Heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 4399 | Q9CR16 | 4E-55 | -2.605 | Peptidyl-prolyl cis-trans isomerase D | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 4410 | P0A9L4 | 5E-33 | -2.688 | FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase | Protein folding | Other molecular function, protein metabolism |
| 4422 | A1WY49 | 4E-23 | -3.031 | 50S ribosomal protein L27 | Translation | Other cellular component, translational apparatus |
| 4438 | B1JKT9 | 9E-14 | -2.074 | Cardiolipin synthase | Lipid biosynthetic process, phospholipid biosynthetic process | Other membranes, other metabolic processes, other molecular function, plasma membrane |
| 4458 | Q4WQM4 | 0 | -2.494 | ATP-dependent RNA helicase has1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other molecular function, RNA metabolism |
| 4483 | A5GIT6 | 9E-16 | -3.113 | 30S ribosomal protein S17 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 4501 | Q948R1 | 5E-12 | -2.278 | Phospholipase A(1) DAD1, chloroplastic | Fatty acid biosynthetic process, lipid biosynthetic process |  |
| 4568 | Q9LTR9 | 3E-156 | -2.983 | Glycylpeptide N-tetradecanoyltransferase 1 | Shoot development, shoot system development | Other cellular component, other molecular function |
| 4572 | Q4IF76 | 1E-165 | -2.206 | ATP-dependent RNA helicase DBP2 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other cellular component, other molecular function, RNA metabolism |
| 4574 | Q9C1X1 | 7E-57 | -3.867 | Periodic tryptophan protein 2 homolog | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing |  |
| 4595 | P62313 | 2E-31 | -3.674 | U6 snRNA-associated Sm-like protein LSm6 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 4637 | Q9UXR9 | 4E-16 | -4.351 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 4642 | Q8LGG0 | 5E-33 | -3.322 | Peptidyl-prolyl isomerase FKBP12 | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 4649 | Q93YP7 | 8E-105 | -3.717 | 4-hydroxybenzoate polyprenyltransferase, mitochondrial | Cofactor biosynthetic process |  |
| 4731 | Q10478 | 2E-31 | -2.326 | SAM50-like protein SpAC17C9.06 | Mitochondrial membrane organization, mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes |
| 4744 | P15848 | 2E-47 | -2.276 | Arylsulfatase B | Vacuolar transport | Other cytoplasmic organelle, other molecular function |
| 4765 | Q9LHE5 | 5E-35 | -2.594 | Mitochondrial import receptor subunit TOM40 homolog 1 | Mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes, transport |
| 4771 | Q5A3Q0 | 4E-10 | -2.677 | RNA exonuclease 4 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other molecular function, RNA metabolism |
| 4772 | O14717 | 0.0000005 | -2.193 | tRNA (cytosine(38)-C(5))-methyltransferase | Ncrna metabolic process, ncrna processing, RNA processing | Nucleic acid binding activity, nucleus, other molecular function, RNA metabolism |
| 4828 | P60868 | 6E-67 | 2.025 | 40S ribosomal protein S20 | Translation | Other cellular component, translational apparatus |
| 4848 | P38344 | 2E-30 | -2.107 | Pre-60S factor REI1 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Other biological processes, other cellular component, other molecular function |
| 4874 | Q08J23 | 3E-17 | -2.109 | tRNA (cytosine(34)-C(5))-methyltransferase | Ncrna metabolic process, ncrna processing, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, other molecular function, RNA metabolism |
| 4894 | Q9BV79 | 2E-20 | -2.117 | Trans-2-enoyl-CoA reductase, mitochondrial | Fatty acid biosynthetic process, lipid biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 4897 | Q05865 | 1E-40 | -2.002 | Folylpolyglutamate synthase | Cofactor biosynthetic process | Other metabolic processes, other molecular function |
| 4939 | Q28HC6 | 2E-134 | -2.092 | Queuine tRNA-ribosyltransferase | Ncrna metabolic process, ncrna processing, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, ribonucleoside biosynthetic process, RNA processing | Other molecular function, RNA metabolism |
| 4942 | Q4WEH7 | 3E-68 | -2.282 | Pre-mRNA-processing protein 45 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 4963 | Q9P7F1 | 2E-12 |  | Carbohydrate-binding domain-containing protein C2E1P3.05c | Cellular polysaccharide metabolic process, polysaccharide metabolic process | Non-structural extracellular |
| 4979 | Q7ZXQ8 | 2E-16 | -2.153 | DnaJ homolog subfamily B member 14 | Protein folding | Other membranes |
| 5005 | Q5R8M3 | 1E-62 | -2.579 | UDP-xylose and UDP-N-acetylglucosamine transporter | Nucleotide-sugar transport | Er/golgi, other membranes, transport |
| 5038 | Q9CZE3 | 3E-58 | -3.38 | Ras-related protein Rab-32 | Small gtpase mediated signal transduction | Mitochondrion, other molecular function |
| 5042 | C3K274 | 3E-11 | -2.061 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 5061 | P78381 | 5E-14 | -2.03 | UDP-galactose translocator | Nucleotide-sugar transport | Er/golgi, other membranes, transport |
| 5077 | Q9VHI4 | 5E-29 | -2.927 | Probable splicing factor 3B subunit 5 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 5120 | Q9NV23 | 2E-15 | -3.043 | S-acyl fatty acid synthase thioesterase, medium chain | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes, other molecular function |
| 5122 | P19623 | 2E-91 | -2.565 | Spermidine synthase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other metabolic processes, other molecular function |
| 5124 | P71016 | 4E-11 | -2.086 | Betaine aldehyde dehydrogenase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other metabolic processes, other molecular function |
| 5132 | Q8R123 | 3E-47 | -2.854 | FAD synthase | Cofactor biosynthetic process, heterocycle biosynthetic process | Other molecular function |
| 5142 | Q8LBA6 | 4E-16 | -2.751 | CDP-diacylglycerol--inositol 3-phosphatidyltransferase 1 | Lipid biosynthetic process, phospholipid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 5160 | Q43239 | 2E-24 | -2.687 | Caffeic acid 3-O-methyltransferase | Cellular amino acid derivative biosynthetic process | Other metabolic processes, other molecular function |
| 5165 | A7IPQ9 | 2E-12 | -2.577 | 50S ribosomal protein L24 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 5173 | Q9NQT4 | 2E-29 | -2.15 | Exosome complex component RRP46 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, other molecular function, RNA metabolism |
| 5178 | B8G643 | 6E-78 | -2.439 | Pantothenate synthetase | Cellular amino acid derivative biosynthetic process, cofactor biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 5283 | P32471 | 6E-15 | -2.202 | Elongation factor 1-beta | Translation | Nucleic acid binding activity, protein metabolism |
| 5300 | P87041 | 3E-69 | -2.148 | UDP-galactose transporter | Cellular polysaccharide metabolic process, nucleotide-sugar transport, polysaccharide biosynthetic process, polysaccharide metabolic process | Er/golgi, other membranes, transport |
| 5344 | Q5BJJ6 | 2E-22 | -3.66 | Methionine adenosyltransferase 2 subunit beta | Cellular polysaccharide metabolic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other metabolic processes |
| 5361 | A5CZ28 | 5E-132 | -2.58 | Gamma-glutamyl phosphate reductase | Heterocycle biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 5364 | Q9UTK2 | 4E-46 | -3.104 | 60S ribosomal protein L19, mitochondrial | Mitochondrion organization, translation | Mitochondrion, other cellular component, translational apparatus |
| 5417 | P25554 | 0.000008 | -2.14 | SAGA-associated factor 29 | Translation | Nucleus, rna metabolism |
| 5419 | P39823 | 0.000003 | -2.517 | CDP-diacylglycerol--serine O-phosphatidyltransferase | Lipid biosynthetic process, phospholipid biosynthetic process | Other membranes, other metabolic processes, other molecular function, plasma membrane |
| 5420 | P61740 | 1E-63 | -2.095 | Glycerol-3-phosphate dehydrogenase [NAD(P)+] | Lipid biosynthetic process, phospholipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 5462 | Q8W1X2 | 1E-65 | -2.699 | Pyridoxal kinase | Cofactor biosynthetic process, vitamin B6 biosynthetic process, vitamin B6 metabolic process | Kinase activity, other molecular function |
| 5484 | Q9P7F7 | 5E-13 | -4.64 | Vacuolar-sorting protein snf7 | Vacuolar transport | Other cellular component, other cytoplasmic organelle, other membranes |
| 5486 | P49103 | 2E-61 | -2.902 | Ras-related protein Rab-2-A | Small gtpase mediated signal transduction | Other membranes, other molecular function, transport |
| 5562 | Q8VE80 | 3E-55 | -3.12 | THO complex subunit 3 | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, RNA metabolism, transport |
| 5565 | O14206 | 1E-66 | -2.832 | Brix domain-containing protein C1B9.03c | Ribonucleoprotein complex biogenesis, ribosome biogenesis |  |
| 5620 | Q4WDD0 | 5E-11 | -3.212 | Pre-mRNA-splicing factor cwc21 | RNA processing, RNA splicing | Nucleus, other cellular component, RNA metabolism |
| 5638 | Q8SY96 | 9E-60 | -2.499 | NFU1 iron-sulfur cluster scaffold homolog, mitochondrial | Cofactor biosynthetic process | Mitochondrion |
| 5639 | P58692 | 1E-93 | -2.083 | Asparagine--tRNA ligase | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 5664 | Q6MDD0 | 4E-65 | -2.129 | Ribosomal RNA large subunit methyltransferase N 2 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Other cellular component, other molecular function, RNA metabolism |
| 5674 | Q6X5Y6 | 0.000005 | -3.153 | Ethylene-responsive transcription factor WRI1 | Lipid biosynthetic process, response to carbohydrate stimulus | Nucleic acid binding activity, nucleus, rna metabolism, signal transduction |
| 5679 | O67292 | 1E-15 | -3.635 | Phosphatidate cytidylyltransferase | Lipid biosynthetic process, phospholipid biosynthetic process | Other membranes, other metabolic processes, other molecular function, plasma membrane |
| 5686 | A7S6A5 | 2E-57 | -2.405 | Protein SDA1 homolog | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other biological processes, transport |
| 5694 | Q3U2U7 | 3E-19 | -2.494 | Methyltransferase-like protein 17, mitochondrial | Translation | Mitochondrion, other cellular component, other molecular function, translational apparatus |
| 5705 | P17078 | 3E-61 |  | 60S ribosomal protein L35 | Translation | Other cellular component, translational apparatus |
| 5706 | Q28178 | 0.0000001 | -2.452 | Thrombospondin-1 | Response to carbohydrate stimulus | Cell adhesion, other molecular function |
| 5750 | P39979 | 1E-18 | -2.422 | N-acetyltransferase HPA3 | Translation | Nucleus, other cellular component, other molecular function |
| 5769 | Q9H777 | 5E-44 | -2.123 | Zinc phosphodiesterase ELAC protein 1 | Ncrna metabolic process, ncrna processing, RNA processing | Nucleus, other molecular function, RNA metabolism |
| 5772 | B8GP02 | 6E-55 | -2.022 | Translation initiation factor IF-2 | Translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 5779 | O42661 | 1E-39 | -5.042 | Probable small nuclear ribonucleoprotein Sm D1 | RNA processing, RNA splicing | Nucleus, other cellular component, RNA metabolism |
| 5788 | Q8GYB4 | 4E-29 | -2.989 | Cationic amino acid transporter 3 | Amino acid transport |  |
| 5794 | A0KPW7 | 1E-25 | -2.542 | UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 5798 | Q5XI97 | 5E-58 | -2.273 | Alanyl-tRNA editing protein Aarsd1 | Ncrna metabolic process, translation |  |
| 5801 | Q922K7 | 5E-51 | -2 | Putative ribosomal RNA methyltransferase NOP2 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other molecular function |
| 5803 | Q7RTR2 | 2E-27 |  | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 5808 | Q9AV97 | 1E-19 | -3.552 | 2-dehydro-3-deoxyphosphooctonate aldolase | Cellular polysaccharide metabolic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other cellular component, other molecular function |
| 5818 | Q2NAJ5 | 1E-34 | -2.375 | Protein grpE | Protein folding | Other cellular component, stress response |
| 5822 | Q75A26 | 4E-15 | -2.846 | ADP-ribosylation factor | Small gtpase mediated signal transduction | ER/Golgi, other molecular function, transport |
| 5828 | Q7RTR2 | 4E-35 |  | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 5878 | Q8BTW8 | 1E-34 | -2.752 | CDK5 regulatory subunit-associated protein 1 | Ncrna metabolic process, ncrna processing, RNA processing | Cell cycle and proliferation, other metabolic processes, other molecular function |
| 5887 | Q08235 | 2E-89 | -2.973 | Ribosome biogenesis protein BRX1 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other biological processes |
| 5916 | Q9HRF0 | 1E-25 | -2.287 | Putative 2-dehydropantoate 2-reductase | Cellular amino acid derivative biosynthetic process, cofactor biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 5918 | Q39023 | 1E-76 | -2.914 | Mitogen-activated protein kinase 3 | Response to carbohydrate stimulus | Death, kinase activity, nucleus, other cellular component, other molecular function, stress response |
| 5942 | Q92506 | 9E-59 | -2.528 | Estradiol 17-beta-dehydrogenase 8 | Lipid biosynthetic process, steroid biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 5955 | P31582 | 7E-46 | -2.779 | Ras-related protein RABF2a | Small gtpase mediated signal transduction | Other membranes, other molecular function, plasma membrane, transport |
| 5961 | Q9D665 | 6E-23 | -2.547 | Short-chain dehydrogenase/reductase family 42E member 1 | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 5980 | Q9FG38 | 5E-58 | -2.01 | Sorting nexin 1 | Vacuolar transport |  |
| 5992 | Q2KJ96 | 2E-66 | -3.207 | ADP-ribosylation factor-like protein 5A | Small gtpase mediated signal transduction | Other molecular function |
| 6007 | Q9CRB8 | 2E-09 | -3.437 | Mitochondrial fission process protein 1 | Mitochondrial membrane organization, mitochondrion organization | Death, mitochondrion |
| 6008 | P0AFL3 | 3E-13 | -2.737 | Peptidyl-prolyl cis-trans isomerase A | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 6009 | Q987N5 | 1E-69 | -2.398 | Putative 2-dehydropantoate 2-reductase | Cellular amino acid derivative biosynthetic process, cofactor biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 6028 | A9JS49 | 3E-48 | -3.842 | Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial | Cofactor biosynthetic process | Mitochondrion, other membranes, other metabolic processes |
| 6032 | Q3UFB2 | 1E-13 | -2.92 | Box C/D snoRNA protein 1 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Other biological processes, other molecular function |
| 6033 | Q96T21 | 1E-23 | -2.054 | Selenocysteine insertion sequence-binding protein 2 | Translation | Nucleic acid binding activity, nucleus, protein metabolism |
| 6047 | Q8VEH3 | 3E-39 | -3.817 | ADP-ribosylation factor-like protein 8A | Small gtpase mediated signal transduction | Cell cycle and proliferation, cell organization and biogenesis, other biological processes, other cytoplasmic organelle, other membranes, other molecular function |
| 6057 | P22129 | 3E-91 | -2.051 | Ras-related protein Rab-11B | Small gtpase mediated signal transduction | Cell cycle and proliferation, other membranes, other molecular function, plasma membrane, transport |
| 6126 | P80193 | 3E-47 | -2.329 | Gamma-butyrobetaine dioxygenase | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 6127 | Q46948 | 3E-20 | -2.844 | Chaperone protein YajL | Heterocycle biosynthetic process |  |
| 6128 | Q4WTQ6 | 7E-54 | -3.458 | GDP-mannose transporter | Nucleotide-sugar transport | Er/golgi, other cellular component, other membranes, transport |
| 6129 | Q92769 | 2E-178 |  | Histone deacetylase 2 | Regulation of transcription factor activity | Cell organization and biogenesis, nucleus, other molecular function, rna metabolism |
| 6130 | Q9LDC0 | 0.00000008 | -2.269 | 42 kDa peptidyl-prolyl isomerase | Protein folding, shoot development, shoot system development | Other cytoplasmic organelle, other membranes, other molecular function, plasma membrane, protein metabolism, signal transduction |
| 6132 | P62323 | 1E-23 | -2.011 | Small nuclear ribonucleoprotein Sm D3 | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 6133 | A5FZW4 | 1E-32 | -2.588 | 50S ribosomal protein L4 | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 6180 | Q6FUQ5 | 0.000002 | -2.256 | rRNA-processing protein FYV7 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, RNA metabolism |
| 6186 | Q5RFQ0 | 9E-73 | -3.565 | rRNA-processing protein FCF1 homolog | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other biological processes, RNA metabolism |
| 6191 | Q9X1B6 | 2E-11 | -3.002 | Alanine--tRNA ligase | Ncrna metabolic process, translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 6237 | Q5BJ90 | 8E-67 | -3.22 | Ribosome biogenesis protein wdr12 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Cell cycle and proliferation, nucleus, other biological processes, other cellular component, RNA metabolism |
| 6284 | Q04212 | 3E-17 | -2.213 | D-arabinose 1-dehydrogenase | Heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 6291 | Q3SRI5 | 2E-16 | -2.179 | Lipid-A-disaccharide synthase | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 6298 | Q503G8 | 2E-30 | -3.12 | Probable sodium-coupled neutral amino acid transporter 6 | Amino acid transport | Other membranes, other molecular function, transport |
| 6336 | O43092 | 3E-12 | -2.74 | Mitochondrial inner membrane protein oxa1-2 | Mitochondrial membrane organization, mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other membranes |
| 6338 | Q5M7W7 | 2E-108 | -2.178 | Probable proline--tRNA ligase, mitochondrial | Ncrna metabolic process, translation | Mitochondrion, other molecular function, protein metabolism |
| 6386 | P38795 | 1E-174 | -2.189 | Glutamine-dependent NAD(+) synthetase | Cofactor biosynthetic process | Other molecular function |
| 6410 | P0C8L4 | 1E-26 | -2.953 | Uncharacterized protein At4g26485 | Biogenic amine biosynthetic process, cellular amino acid derivative biosynthetic process, heterocycle biosynthetic process, ncrna metabolic process, translation |  |
| 6425 | Q49V41 | 0.0000002 | -2.649 | Putative TrmH family tRNA/rRNA methyltransferase | RNA processing | Other molecular function |
| 6429 | Q6CGG3 | 7E-30 | -3.083 | FK506-binding protein 2 | Protein folding | Er/golgi, other molecular function, protein metabolism |
| 6449 | Q3TIX9 | 1E-113 | -2.298 | U4/U6.U5 tri-snRNP-associated protein 2 | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 6459 | Q6DDW6 | 6E-88 | -2.362 | Golgi pH regulator | RNA processing |  |
| 6513 | Q9SEL5 | 2E-15 | -2.344 | Vesicle transport v-SNARE 12 | Vacuolar transport | Er/golgi, other membranes, transport |
| 6529 | Q9P6N3 | 2E-28 | -2.786 | Sensitive to high expression protein 9 homolog, mitochondrial | Mitochondrial membrane organization, mitochondrion organization | Mitochondrion, other membranes |
| 6535 | Q9EPU4 | 9E-41 | -2.054 | Cleavage and polyadenylation specificity factor subunit 1 | RNA processing | Nucleic acid binding activity, nucleus, RNA metabolism |
| 6536 | Q99NB9 | 3E-84 | -2.16 | Splicing factor 3B subunit 1 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 6543 | P06214 | 8E-64 | -2.459 | Delta-aminolevulinic acid dehydratase | Cofactor biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 6544 | Q99J39 | 2E-56 | -2.199 | Malonyl-CoA decarboxylase, mitochondrial | Cofactor biosynthetic process, fatty acid biosynthetic process, lipid biosynthetic process | Mitochondrion, other cellular component, other cytoplasmic organelle, other metabolic processes, other molecular function |
| 6580 | Q75A26 | 2E-28 |  | ADP-ribosylation factor | Small gtpase mediated signal transduction | ER/Golgi, other molecular function, transport |
| 6586 | Q3SWZ4 | 7E-44 | -4.202 | Exosome complex component RRP45 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, other molecular function, RNA metabolism |
| 6605 | Q04178 | 1E-10 | -2.841 | Hypoxanthine-guanine phosphoribosyltransferase | Heterocycle biosynthetic process, nucleoside biosynthetic process, purine nucleoside biosynthetic process, purine ribonucleoside biosynthetic process, ribonucleoside biosynthetic process | Nucleus, other cellular component, other metabolic processes, other molecular function |
| 6608 | Q8WUX1 | 3E-41 |  | Sodium-coupled neutral amino acid transporter 5 | Amino acid transport | Other membranes, plasma membrane |
| 6642 | O94365 | 4E-76 | -2.553 | U3 small nucleolar RNA-associated protein 15 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other biological processes, other cellular component, RNA metabolism |
| 6647 | Q9NZJ6 | 2E-34 | -3.336 | Hexaprenyldihydroxybenzoate methyltransferase, mitochondrial | Cofactor biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 6650 | P02434 | 2E-52 |  | 60S ribosomal protein L35a | Translation | Nucleic acid binding activity, other cellular component, translational apparatus |
| 6683 | A1L112 | 1E-50 | -2.192 | WD repeat-containing protein 55 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other cellular component, RNA metabolism |
| 6700 | Q8L493 | 3E-52 | -2.985 | Branched-chain-amino-acid aminotransferase-like protein 3, chloroplastic | Cofactor biosynthetic process, heterocycle biosynthetic process | Other cellular component, other molecular function |
| 6712 | O74468 | 1E-51 | -2.707 | Probable uroporphyrinogen-III C-methyltransferase | Cofactor biosynthetic process, heterocycle biosynthetic process | Other metabolic processes, other molecular function |
| 6713 | Q9P3R1 | 1E-19 | -2.044 | Sterol 24-C-methyltransferase | Lipid biosynthetic process, steroid biosynthetic process | Other metabolic processes, other molecular function |
| 6720 | Q92620 | 4E-91 | -2.653 | Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 6743 | Q3SYV3 | 3E-11 | -3.075 | Mitochondrial inner membrane protein OXA1L | Mitochondrion organization | Mitochondrion, other membranes |
| 6747 | Q9H490 | 2E-25 | -2.995 | Phosphatidylinositol glycan anchor biosynthesis class U protein | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes, protein metabolism |
| 6755 | Q8VYP6 | 6E-16 | -2.365 | Polynucleotide 5'-hydroxyl-kinase NOL9 | RNA processing |  |
| 6761 | P50053 | 6E-28 | -2.781 | Ketohexokinase | Response to carbohydrate stimulus | Kinase activity, other metabolic processes, other molecular function |
| 6766 | Q3USY0 | 0.0000002 |  | Putative sodium-coupled neutral amino acid transporter 11 | Amino acid transport | Other membranes, other molecular function, transport |
| 6774 | O08776 | 8E-17 | -2.917 | NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3 | Mitochondrion organization | Mitochondrion, nucleus, other membranes |
| 6795 | Q14562 | 1E-12 | -2.137 | ATP-dependent RNA helicase DHX8 | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 6796 | O60055 | 0.000008 | -2.882 | U3 small nucleolar RNA-associated protein 20 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other biological processes, other cellular component, RNA metabolism |
| 6797 | Q9Z325 | 0.0000009 | -4.138 | Dolichol phosphate-mannose biosynthesis regulatory protein | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes |
| 6813 | P0AGJ4 | 7E-55 | -3.219 | tRNA (guanosine(18)-2'-O)-methyltransferase | Ncrna metabolic process, ncrna processing, RNA processing | Other cellular component, other molecular function, RNA metabolism |
| 6815 | Q9C551 | 2E-31 | -3.564 | DEAD-box ATP-dependent RNA helicase 5 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other molecular function, RNA metabolism |
| 6856 | Q7TP17 | 1E-62 | -2.543 | Splicing factor U2AF 26 kDa subunit | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other molecular function, RNA metabolism |
| 6859 | Q9PTS2 | 6E-146 | -2.714 | Uroporphyrinogen decarboxylase | Cofactor biosynthetic process, heterocycle biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 6860 | O64886 | 6E-62 | -2.473 | Protoheme IX farnesyltransferase, mitochondrial | Cofactor biosynthetic process, heterocycle biosynthetic process |  |
| 6862 | Q10074 | 6E-09 | -2.377 | Putative amino acid permease C3H1.09c | Amino acid transport, vacuolar transport | Other membranes, transport |
| 6907 | Q1J0N7 | 3E-14 | -4.168 | 50S ribosomal protein L33 | Translation | Other cellular component, translational apparatus |
| 6910 | Q6DFN7 | 6E-17 | -2.035 | Density-regulated protein | Translation |  |
| 6916 | Q7RTR2 | 3E-28 |  | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 6925 | Q13435 | 3E-42 | -2.65 | Splicing factor 3B subunit 2 | RNA processing, RNA splicing | Nucleus, other biological processes, RNA metabolism |
| 6950 | Q99PV0 | 0 | -2.143 | Pre-mRNA-processing-splicing factor 8 | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 6951 | Q86FP7 | 7E-87 |  | 40S ribosomal protein S23 | Translation | Other cellular component, translational apparatus |
| 7009 | Q6CUI6 | 4E-33 | -2.507 | ATP-dependent RNA helicase DBP9 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other biological processes, other molecular function, RNA metabolism |
| 7042 | Q3ZYP4 | 1E-47 | -2.525 | Glutamate--tRNA ligase | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 7044 | B8CZC3 | 0.00000001 | -2.667 | Tetraacyldisaccharide 4'-kinase | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Kinase activity, other metabolic processes, other molecular function |
| 7127 | P47082 | 3E-20 | -3.011 | Vacuolar amino acid transporter 1 | Amino acid transport, vacuolar transport | Other cytoplasmic organelle, other membranes, transport |
| 7180 | Q06512 | 5E-40 | -2.388 | Nucleolar complex protein 4 | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleus, other biological processes, other cellular component, other molecular function, RNA metabolism |
| 7226 | Q5RCE6 | 3E-27 | -2.106 | Ribosomal L1 domain-containing protein 1 | RNA processing, translation | Nucleus |
| 7275 | Q5R723 | 1E-10 | -6.115 | Peptidyl-prolyl cis-trans isomerase E | Protein folding, RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other molecular function, protein metabolism, RNA metabolism |
| 7296 | Q5ZHS3 | 1E-18 | -2.482 | Nuclear nucleic acid-binding protein C1D | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 7318 | Q797A7 | 2E-39 |  | Uncharacterized amino acid permease YfnA | Amino acid transport | Other membranes, plasma membrane |
| 7341 | Q53479 | 6E-14 | -2.304 | Bifunctional short chain isoprenyl diphosphate synthase | Lipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 7415 | Q9JJW6 | 0.0000004 | -3.817 | RNA and export factor-binding protein 2 | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism, transport |
| 7418 | Q9XSH5 | 0.00000006 | -2.441 | Peptidyl-prolyl cis-trans isomerase FKBP5 | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 7422 | Q5HZF2 | 0.000009 | -2.328 | WW domain-binding protein 4 | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 7448 | Q4QQV8 | 3E-27 | -2.518 | Charged multivesicular body protein 5 | Vacuolar transport | Other cellular component, other cytoplasmic organelle, other membranes, transport |
| 7477 | Q5R8J8 | 3E-18 |  | DnaJ homolog subfamily B member 4 | Protein folding |  |
| 7511 | P62305 | 2E-37 | -3.941 | Small nuclear ribonucleoprotein E | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 7595 | Q5DU56 | 9E-15 |  | Protein NLRC3 | Regulation of transcription factor activity | Other biological processes, other cellular component, other molecular function, rna metabolism, signal transduction |
| 7599 | Q6P0H7 | 4E-50 | -3.171 | Carbonyl reductase family member 4 | Fatty acid biosynthetic process, lipid biosynthetic process | Mitochondrion, other metabolic processes, other molecular function |
| 7603 | P43582 | 0.0000004 | -3.802 | WW domain-containing protein WWM1 | Translation | Other membranes |
| 7661 | O54438 | 0.000003 | -2.027 | 3-oxoacyl-[acyl-carrier-protein] reductase FabG | Fatty acid biosynthetic process, lipid biosynthetic process | Other metabolic processes, other molecular function |
| 7666 | Q99797 | 5E-61 | -2.064 | Mitochondrial intermediate peptidase | Mitochondrion organization, protein localization in mitochondrion, protein targeting to mitochondrion | Mitochondrion, other molecular function |
| 7712 | O13615 | 5E-148 | -2.827 | Pre-mRNA-splicing factor prp46 | RNA processing, RNA splicing | Cell cycle and proliferation, nucleus, RNA metabolism |
| 7754 | A7T0W1 | 1E-10 | -3.003 | Protein UXT homolog | Protein folding |  |
| 7767 | P37287 | 3E-119 | -2.297 | Phosphatidylinositol N-acetylglucosaminyltransferase subunit A | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes, other molecular function, protein metabolism |
| 7769 | P53145 | 5E-89 | -2.058 | Large subunit GTPase 1 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Other cellular component, other molecular function, transport |
| 7770 | P35790 | 2E-41 | -2.789 | Choline kinase alpha | Lipid biosynthetic process, phospholipid biosynthetic process | Kinase activity, other cellular component, other metabolic processes, other molecular function |
| 7773 | Q9SVN5 | 1E-36 | -2.23 | Probable methionine--tRNA ligase | Ncrna metabolic process, translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 7782 | P48827 | 0.00000002 | -2.389 | 42 kDa endochitinase | Polysaccharide metabolic process | Non-structural extracellular, other metabolic processes, other molecular function |
| 7790 | Q9P7F1 | 0.00000006 | -3.09 | Carbohydrate-binding domain-containing protein C2E1P3.05c | Cellular polysaccharide metabolic process, polysaccharide metabolic process | Non-structural extracellular |
| 7802 | A7S6A5 | 8E-44 |  | Protein SDA1 homolog | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other biological processes, transport |
| 7844 | P87027 | 4E-92 | -3.186 | Septum-promoting GTP-binding protein 1 | Small gtpase mediated signal transduction | Cell cycle and proliferation, cell organization and biogenesis, other biological processes, other molecular function |
| 7910 | A5PJS2 | 4E-27 | -2.577 | 3-oxo-5-alpha-steroid 4-dehydrogenase 1 | Lipid biosynthetic process, steroid biosynthetic process | Er/golgi, other biological processes, other membranes, other metabolic processes, other molecular function |
| 7922 | Q5E9R6 | 2E-14 |  | Ceramide synthase 4 | Lipid biosynthetic process | Er/golgi, nucleic acid binding activity, nucleus, other membranes, other metabolic processes |
| 7976 | Q9P2E3 | 8E-10 | -3.265 | NFX1-type zinc finger-containing protein 1 | Ncrna metabolic process, translation | Other molecular function |
| 8002 | Q9FJL3 | 8E-26 |  | Peptidylprolyl isomerase | Protein folding |  |
| 8030 | P0A3P5 | 1E-23 | -2.369 | UDP-3-O-acylglucosamine N-acyltransferase | Cellular polysaccharide metabolic process, lipid biosynthetic process, phospholipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 8089 | Q9R1J0 | 6E-34 | -2.231 | Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 8101 | P30823 | 0.000006 | -3.958 | High affinity cationic amino acid transporter 1 | Amino acid transport | Other membranes, signal transduction activity, transport |
| 8106 | B9DNL1 | 3E-101 | -2.53 | Glycine--tRNA ligase | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 8213 | A5G029 | 3E-42 | -2.545 | Ribosomal RNA large subunit methyltransferase E | Ncrna metabolic process, ncrna processing, ribonucleoprotein complex biogenesis, ribosome biogenesis, RNA processing | Other cellular component, other molecular function, RNA metabolism |
| 8235 | Q2W3F8 | 1E-88 | -2.009 | Peptide chain release factor 2 | Translation | Other cellular component, protein metabolism |
| 8258 | A5UU62 | 0.00000005 | -2.498 | Proline--tRNA ligase | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 8261 | Q7XT07 | 9E-69 | -2.98 | tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like | Ncrna metabolic process, ncrna processing, RNA processing | Other metabolic processes, other molecular function, RNA metabolism |
| 8272 | Q5EAR5 | 3E-42 | -2.885 | tRNA 2'-phosphotransferase 1 | Ncrna metabolic process, ncrna processing, RNA processing, RNA splicing | Other molecular function, RNA metabolism |
| 8284 | Q99NB9 | 5E-82 |  | Splicing factor 3B subunit 1 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 8290 | Q58D49 | 4E-44 | -2.623 | Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial | Cofactor biosynthetic process, heterocycle biosynthetic process | Mitochondrion, other molecular function |
| 8315 | O13821 | 2E-15 | -2.58 | Vacuolar protein sorting-associated protein 27 | Vacuolar transport | Other cellular component, other cytoplasmic organelle, other membranes, other molecular function |
| 8347 | Q9STT2 | 5E-73 | -3.447 | Vacuolar protein sorting-associated protein 29 | Vacuolar transport |  |
| 8545 | Q5ZHX7 | 4E-57 | -3.076 | NADH-cytochrome b5 reductase 2 | Lipid biosynthetic process, steroid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 8559 | Q8VDP6 | 0.00000002 | -4.7 | CDP-diacylglycerol--inositol 3-phosphatidyltransferase | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes, other metabolic processes, other molecular function, plasma membrane |
| 8576 | Q8RH03 | 5E-09 | -3.194 | Chaperone protein DnaJ | Protein folding | Dna metabolism, other cellular component, other molecular function, stress response |
| 8590 | Q8W035 | 3E-40 | -2.987 | Folylpolyglutamate synthase | Cofactor biosynthetic process |  |
| 8618 | P09601 | 0.00000006 | -2.814 | Heme oxygenase 1 | Regulation of transcription factor activity, small gtpase mediated signal transduction | ER/Golgi, other membranes, other metabolic processes, other molecular function |
| 8671 | P18203 | 3E-32 | -3.307 | Peptidyl-prolyl cis-trans isomerase FKBP1A | Protein folding | Other cellular component, other molecular function, protein metabolism |
| 8687 | Q8CEC6 | 3E-94 | -2.27 | Peptidylprolyl isomerase domain and WD repeat-containing protein 1 | Protein folding, RNA processing, RNA splicing | Nucleus, other molecular function, protein metabolism, RNA metabolism |
| 8736 | O75352 | 9E-15 | -3.25 | Mannose-P-dolichol utilization defect 1 protein | Protein folding | Other membranes |
| 8746 | Q09472 | 4E-10 | -3.081 | Histone acetyltransferase p300 | Regulation of transcription factor activity | Cell cycle and proliferation, nucleus, other biological processes, other molecular function, rna metabolism |
| 8815 | A6W3C7 | 6E-26 | -2.776 | tRNA (uracil(54)-C(5))-methyltransferase | Ncrna metabolic process, ncrna processing, RNA processing | Other molecular function, RNA metabolism |
| 8869 | Q10170 | 2E-50 | -2.644 | Arginine N-methyltransferase 2 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other cellular component, other molecular function |
| 8932 | Q9FHN8 | 6E-45 |  | Kinesin-like calmodulin-binding protein | Shoot development, shoot system development |  |
| 8956 | Q797A7 | 9E-21 |  | Uncharacterized amino acid permease YfnA | Amino acid transport | Other membranes, plasma membrane |
| 8957 | Q9UTH1 | 1E-36 | -2.221 | tRNA guanosine-2'-O-methyltransferase trm13 | Ncrna metabolic process, ncrna processing, RNA processing | Nucleus, other cellular component, other molecular function, RNA metabolism |
| 8970 | A9UNU6 | 3E-113 | -2.179 | Bystin | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other biological processes |
| 8999 | P44806 | 5E-15 | -3.036 | 3-deoxy-D-manno-octulosonic-acid transferase | Cellular polysaccharide metabolic process, lipid biosynthetic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other membranes, other metabolic processes, other molecular function, plasma membrane |
| 9052 | Q5PRC0 | 4E-18 | -8.487 | Cholesterol 25-hydroxylase-like protein | Fatty acid biosynthetic process, lipid biosynthetic process, steroid biosynthetic process | Er/golgi, other membranes, other metabolic processes, other molecular function |
| 9059 | Q5DU56 | 1E-09 | -3.914 | Protein NLRC3 | Regulation of transcription factor activity | Other biological processes, other cellular component, other molecular function, rna metabolism, signal transduction |
| 9061 | Q9Y619 | 0.0000002 | -3.333 | Mitochondrial ornithine transporter 1 | Amino acid transport | Mitochondrion, other membranes, transport |
| 9109 | O15488 | 2E-22 | -3.224 | Glycogenin-2 | Cellular polysaccharide metabolic process, polysaccharide biosynthetic process, polysaccharide metabolic process | Other metabolic processes, other molecular function |
| 9117 | P43332 | 2E-54 | -3.495 | U1 small nuclear ribonucleoprotein A | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other cellular component, RNA metabolism |
| 9121 | P49018 | 1E-79 | -2.199 | GPI-anchor transamidase | Lipid biosynthetic process, phospholipid biosynthetic process | Er/golgi, other membranes, other molecular function, protein metabolism |
| 9142 | Q7UM14 | 2E-18 | -2.466 | Tyrosine--tRNA ligase | Ncrna metabolic process, translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 9186 | P87144 | 2E-91 | -2.123 | Threonine--tRNA ligase, cytoplasmic | Ncrna metabolic process, translation | Other cellular component, other molecular function, protein metabolism |
| 9196 | O14972 | 1E-81 | -2.142 | Down syndrome critical region protein 3 | Vacuolar transport |  |
| 9245 | Q9Y7Y3 | 1E-14 | -2.071 | Uncharacterized RNA-binding protein C365.04c | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleic acid binding activity, nucleus |
| 9315 | Q4WHX4 | 7E-23 | -3.25 | FK506-binding protein 2 | Protein folding | Er/golgi, other molecular function, protein metabolism |
| 9335 | Q6AXR5 | 1E-49 | -2.643 | UDP-N-acetylglucosamine transporter | Nucleotide-sugar transport | Er/golgi, other membranes, transport |
| 9346 | Q6YBV0 | 5E-09 | -2.929 | Proton-coupled amino acid transporter 4 | Amino acid transport | Other membranes, transport, transporter activity |
| 9387 | Q9XIE6 | 1E-40 | -2.808 | Phospholipid-transporting ATPase 3 | Shoot development, shoot system development | Er/golgi, other membranes, other molecular function |
| 9459 | P46405 | 6E-68 | 2.015 | 40S ribosomal protein S12 | Translation | Other cellular component, translational apparatus |
| 9500 | Q7RTR2 | 4E-38 |  | Protein NLRC3 | Regulation of transcription factor activity | Other cellular component, other molecular function |
| 9569 | Q4P0H7 | 1E-36 | -2.16 | Branchpoint-bridging protein | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, other molecular function, RNA metabolism |
| 9580 | P67999 | 2E-26 |  | Ribosomal protein S6 kinase beta-1 | Response to carbohydrate stimulus | Kinase activity, other cellular component, other membranes, other molecular function, plasma membrane |
| 9617 | Q6IMK3 | 7E-57 | -2.473 | DnaJ homolog subfamily C member 27 | Small gtpase mediated signal transduction | Other molecular function |
| 9646 | Q5ZMA2 | 2E-28 | -2.5 | Pre-mRNA-processing factor 19 | Lipid biosynthetic process, RNA processing, RNA splicing | DNA metabolism, nucleic acid binding activity, nucleus, RNA metabolism, stress response |
| 9787 | Q6MC06 | 5E-66 | -2.008 | Tyrosine--tRNA ligase | Ncrna metabolic process, translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 9806 | Q9NXW2 | 4E-11 | -3.236 | DnaJ homolog subfamily B member 12 | Protein folding | Other membranes |
| 9815 | Q9DC48 | 6E-69 | -2.152 | Pre-mRNA-processing factor 17 | RNA processing, RNA splicing | Nucleus, RNA metabolism |
| 9827 | P15705 | 1E-11 |  | Heat shock protein STI1 | Protein folding | Other cellular component, other molecular function, stress response |
| 9898 | Q6AYL5 | 3E-24 | -2.413 | Splicing factor 3B subunit 4 | RNA processing, RNA splicing | Nucleic acid binding activity, nucleus, RNA metabolism |
| 10093 | Q9FJ74 | 0.0000001 | -3.795 | Probable long-chain-alcohol O-fatty-acyltransferase 3 | Lipid biosynthetic process | Other membranes, other metabolic processes, other molecular function |
| 10225 | Q13085 | 3E-50 | 2.507 | Acetyl-CoA carboxylase 1 | Fatty acid biosynthetic process, lipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 10380 | O14084 | 0.00001 | -2.004 | Uncharacterized glycosyltransferase C2F3.01 | Lipid biosynthetic process | Other membranes, other molecular function |
| 10450 | O88848 | 3E-27 | -6.071 | ADP-ribosylation factor-like protein 6 | Small gtpase mediated signal transduction | Other cellular component, other molecular function |
| 10536 | Q9D7Q1 | 1E-30 | -3.183 | Chitotriosidase-1 | Polysaccharide metabolic process | Non-structural extracellular, other cytoplasmic organelle, other metabolic processes, other molecular function |
| 10546 | Q90705 | 6E-81 | 2.167 | Elongation factor 2 | Translation | Nucleic acid binding activity, other cellular component, other molecular function, protein metabolism |
| 10576 | P67999 | 1E-36 |  | Ribosomal protein S6 kinase beta-1 | Response to carbohydrate stimulus | Kinase activity, other cellular component, other membranes, other molecular function, plasma membrane |
| 10666 | P36404 | 6E-95 | -2.701 | ADP-ribosylation factor-like protein 2 | Small gtpase mediated signal transduction | Cell cycle and proliferation, cytoskeleton, other cellular component, other molecular function |
| 10679 | Q13435 | 3E-11 |  | Splicing factor 3B subunit 2 | RNA processing, RNA splicing | Nucleus, other biological processes, RNA metabolism |
| 10712 | Q9CZU3 | 9E-42 | -2.9 | Superkiller viralicidic activity 2-like 2 | RNA processing, RNA splicing | Nucleus, other molecular function, RNA metabolism |
| 10793 | P53914 | 0 |  | UPF0202 protein KRE33 | Ribonucleoprotein complex biogenesis, ribosome biogenesis | Nucleus, other molecular function |
| 10801 | B8DPF0 | 2E-10 | -2.305 | Holo-[acyl-carrier-protein] synthase | Fatty acid biosynthetic process, lipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |
| 10830 | P97521 | 0.0000002 | -2.275 | Mitochondrial carnitine/acylcarnitine carrier protein | Amino acid transport | Mitochondrion, other membranes, transport |
| 10861 | Q58819 | 0.0000003 | -2.159 | tRNA-splicing endonuclease | Ncrna metabolic process, ncrna processing, RNA processing, RNA splicing | Other molecular function, RNA metabolism |
| 11114 | Q00955 | 2E-34 | 2.587 | Acetyl-CoA carboxylase | Fatty acid biosynthetic process, lipid biosynthetic process | Other cellular component, other metabolic processes, other molecular function |