|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| n | Protein name | Enriched GO terms | GO term coverage | GO type |
| 19  (20a) | CDR1;CDR2 SUR7 ECM33 PMA1 PHR1 HGT6 orf19.1054 FET34 VPH1 PEP1 NCE102 MNT1 GAP4 RAC1 VAC8 RHO1  MLT1 ARF3 YPT31 | Small GTPase mediated signal transduction  Azole transport  Fungal-type cell wall organization  Pathogenesis  Plasma membrane  Cell surface  Eisosome  ATPase activity  GTP binding | 4/37  2/2  5/108  7/350  14/324  5/129  2/4  4/46  4/83 | BP  BP  BP  BP  CC  CC  CC  MF  MF |
| 9 | BGL2 HGT7 YKT6 CHS3 YCK2 MIR1 GSC1 PHR2 YWP1 | Fungal-type cell wall organization  Pathogenesis  Single-species biofilm formation  Plasma membrane  Fungal-type cell wall  Cell surface  Glucanosyltransferase activity  1,3-beta-glucanosyltransferase activity | 3/108  4/350  1/1  5/324  3/86  3/129  2/3  2/6 | BP  BP  BP  CC  CC  CC  MF  MF |
| 42 | PET9 POR1 orf19.4016 TOM70 GPD2 RIP1 CYT1 COX5 COX2 orf19.2168.3 CBR1 FAA4 SEC61 ALO1 MYO2 SSO2  HET1 LHS1 NOP5 orf19.2489 orf19.1229 orf19.6883 orf19.1833 ERG6  orf19.5682 SAR1 TUB2 orf19.5627 orf19.5085 SEC4 MTS1 PHB2 GFA1 orf19.3799 KAR2 NIP1 orf19.86 SEC14  ERO1 TIF orf19.3681 CRM1 | Hydrogen ion transmembrane transport  Intracellular protein transport  Transport  Plasma membrane  Membrane  Ran GTPase binding | 3/11  5/67  8/285  13/324  14/732  3/10 | BP  BP  BP  CC  CC  MF |
| 56  (57a) | See supplemental Table S5 | Translation  ATP hydrolysis coupled proton transport  Glycerol-3-phosphate metabolic process  Proton-transporting V-type ATPaseV1 domain  Cytoplasm  Ribosome  Translation elongation factor activity  GTPase activity | 11/128  3/13  2/4  3/4  13/393  6/84  5/12  5/42 | BP  BP  BP  CC  CC  CC  MF  MF |
| 223  (228a) | See supplemental Table S5 | Translation  tRNA aminoacylation for protein translation  Glycolytic process  Cytoplasm  Ribosome  Cell surface  ATP binding  Aminoacyl-tRNA ligase activity | 41/128  12/31  10/20  69/393  31/84  36/129  56/473  13/35 | BP  BP  BP  CC  CC  CC  MF  MF |
| 34 | ADE6 CAR2 UGP1 PIL1 orf19.4246 PRD1 TPS2 orf19.2335 MLS1 ECM4 XYL2 CYP1 GAD1 SNZ1 HXK2 DAK2 GDH2 AHP1 GND1 YNK1 IDH1 AAT21 HSP78 ADH5 ILV5 IDH2 ACH1 HSP60 UCF1 MET6 IDP2 CDC19 PGI1 GPM1 | Glycolytic process  Tricarboxylic acid cycle  Hyphal cell wall  Cytoplasm  Oxidoreductase activity  Magnesium ion binding | 4/20  3/18  5/62  10/393  9/309  4/45 | BP  BP  CC  CC  MF  MF |
| 13 | CDC42 CRH11 ENA21 HGT1 MP65 MSB2 orf19.6741 PGA4 PGA52 PHM7  PLB4.5 RHO3 SAP9 | Fungal-type cell wall organisation  Establishment of cell polarity  Pathogenesis  Plasma membrane  Extracellular region  Cell wall  Hydrolase activity, O-glycosyl compounds  GTP binding | 5/108  2/8  5/350  7/324  5/134  4/75  2/29  2/83 | BP  BP  BP  CC  CC  CC  MF  MF |