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| --- | --- | --- | --- | --- |
| n | Protein name | Enriched GO terms | GO term coverage | GO type |
| 8 | BGL2 ECM33 PHR2 HGT7 GSC1 YWP1 PMA1 CHS3 | Fungal-type cell wall organisation  Adhesion of symbiont to host  Pathogenesis  Cell surface  Plasma membrane  1,3-beta-glucanosyltransferase activity | 4/108  3/48  5/350  5/129  5/324  2/6 | BP  BP  BP  CC  CC  MF |
| 32  (33a) | CDR1;CDR2 SUR7 FET34 HGT6 PHR1 RAC1 NCE102 orf19.3983 MNT1 YKT6 GAP4 orf19.6066 VAC8 RHO1 orf19.1054 ERO1 MLT1 YCP4 VPH1 PEP1 VMA6 YVC1 YPT31 ARF3 orf19.5006.1 GPX2 ACC1 VMA5 CHC1 VMA13 UBC4 VPS21 | Azole transport  ATP hydrolysis coupled proton transport  Pathogenesis  Plasma membrane  Fungal-type vacuole membrane  Eisosome  Golgi apparatus  Phospholipid transporter activity  GTP binding | 2/2  3/13  7/350  13/324  3/5  2/4  3/56  2/3  4/83 | BP  BP  BP  CC  CC  CC  CC  MF  MF |
| 45 | YCK2 MYO2 GPD2 COX9 ERG6 MIR1 PET9 LHS1 QCR7 RIP1 orf19.2168.3 SEC61 SSO2 TOM70 POR1 CYT1 orf19.4016 COX2 FAA4 COX5 CBR1 MTS1 SEC4 PHB2 ALO1 ATP4 HET1 CRM1 orf19.1229 orf19.3799 KAR2 NIP1 orf19.86 SEC14 NOP5 orf19.6883 orf19.2489 TIF orf19.1833 GUA1 GDI1 orf19.1355 orf19.3681 orf19.3341 orf19.5085 | Hydrogen ion transmembrane transport  Intracellular protein transport  Protein secretion  Plasma membrane  Mitochondrion  Cellular bud tip  Ran GTPase binding  Cytochrome-c oxidase activity | 3/11  4/67  2/12  17/324  7/175  2/12  3/10  2/7 | BP  BP  BP  CC  CC  CC  MF  MF |
| 26 | ERV29 GFA1 orf19.1564 URA2 TPD3 SEC21 YPT1 orf19.3335 DHH1 orf19.6264.3 LSP1 orf19.5917.3 SEC18 orf19.1672 SEC26 orf19.1152 PST3 orf19.3859 EMP70 URA6 VPS1 orf19.5281 OBPA SUI3 SAH1 GPD1 | Intracellular protein transport  Vesicle-mediated transport  COPI-vesicle coat  Golgi membrane  Cytoplasm  Plasma membrane  Structural molecule activity | 4/67  3/56  3/5  3/10  7/393  4/324  3/12 | BP  BP  CC  CC  CC  CC  MF |
| 279  (285 a) | See supplemental file Sx | Translation  Glycolytic process  Induction by symbiont of host defence response  Cytoplasm  Cell surface  Ribosome  Nucleotide binding  ATP binding  Aminoacyl-tRNA ligase activity | 46/128  15/20  12/24  83/393  48/129  33/84  78/490  68/473  15/35 | BP  BP  BP  CC  CC  CC  MF  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 |