

Supplementary Table 7. Upregulated yeasts genes.

| Acession number | Protein | Expression status | Log (Fold Change) | Adjusted p-value |
|---|---|-------------------|-------------------|------------------|
| Siderophores synthesis and transport | | | | |
| PADG_00097 | L-ornithine N5-oxygenase SidA | UP(D) | 3,594664 | 2,31522E-08 |
| PADG_00095 | MFS siderochrome iron transporter 1 | UP(D) | 3,188131 | 1,11937E-08 |
| PADG_00103 | ABC transporter 1 | UP(D) | 2,774636 | 3,70273E-08 |
| PADG_00100 | Hydroxyornithine transacylase SID3 | UP(D) | 2,354155 | 3,39742E-06 |
| PADG_00102 | fusarinine C synthase | UP(D) | 2,227774 | 5,25749E-07 |
| PADG_00104 | Oxidoreductase OXR1 | UP(D) | 1,957033 | 4,86888E-05 |
| PADG_00099 | Acyl-CoA ligase SIDI | UP(D) | 1,406269 | 8,21301E-05 |
| PADG_00096 | Probable dehydratase NIT22 | UP(D) | 1,181456 | 0,000117426 |
| Virulence factors | | | | |
| PADG_02842 | Superoxide dismutase, Cu-Zn | UP(D) | 1,424825 | 3,48438E-05 |
| PADG_04701 | alcohol dehydrogenase [EC:1.1.1.-] | UP(8) | 1,042112 | 1,75152E-06 |
| PADG_04274 | polysaccharide synthase Cps1 | UP(8) | 1,027865 | 0,001102958 |
| Gene/protein regulation | | | | |
| PADG_01203 | Methyltransf_2 domain-containing protein | UP(D) | 2,761002 | 2,59574E-07 |
| PADG_01204 | N-acetyltransferase domain-containing protein | UP(D) | 1,337301 | 0,000297601 |
| PADG_02981 | Putative intracellular protease/amidase | UP(D) | 1,326706 | 3,86945E-05 |
| Amino acid metabolism | | | | |
| PADG_07440 | Amino acid permease | UP(D) | 1,812242 | 8,64386E-07 |
| PADG_08406 | O-acetylhomoserine/O-acetylserine sulfhydrylase [EC:2.5.1.49 2.5.1.47] | UP(D) | 1,637297 | 0,000873306 |
| PADG_00215 | aromatic-L-amino-acid/L-tryptophan decarboxylase [EC:4.1.1.28 4.1.1.105] | UP(D) | 1,514618 | 0,000419168 |
| PADG_02214 | 4-aminobutyrate aminotransferase / (S)-3-amino-2-methylpropionate transaminase [EC:2.6.1.19 2.6.1.22] | UP(8) | 1,140801 | 4,11864E-06 |
| Transport | | | | |
| PADG_00917 | copper-transporting P-type ATPase | UP(D) | 1,773482 | 0,000919061 |
| PADG_08041 | MFS transporter | UP(D) | 1,566054 | 3,94814E-05 |
| Other metabolisms | | | | |
| PADG_06196 | Flavin oxidoreductase hxnT | UP(D) | 1,98727 | 4,73024E-06 |
| PADG_03085 | Mannose-P-dolichol utilization defect 1 protein homolog | UP(12) | 1,076101 | 0,000243588 |
| PADG_05433 | pyridoxamine 5'-phosphate oxidase [EC:1.4.3.5] | UP(8) | 1,032033 | 5,69744E-05 |
| Cell cycle | | | | |
| PADG_07329 | Pfam: hepsim | UP(D) | 2,313777 | 0,001041351 |
| Signal transduction | | | | |
| PADG_00105 | Response regulatory domain-containing protein | UP(D) | 1,071989 | 0,009366313 |
| No annotation found | | | | |
| PADG_07436 | Uncharacterized protein | UP(12) | 1,174975 | 0,002752736 |
| PADG_02015 | Uncharacterized protein | UP(8) | 1,159171 | 5,5054E-06 |

| | | | | |
|------------|---------------------------------------|--------|----------|-------------|
| PADG_04104 | Uncharacterized protein | UP(8) | 1,158234 | 5,37787E-05 |
| PADG_04228 | Uncharacterized protein | UP(12) | 1,042927 | 0,010131922 |
| PADG_01316 | Uncharacterized protein | UP(8) | 1,035318 | 0,001020631 |
| PADG_08359 | Short-chain dehydrogenase/reductase 2 | UP(8) | 1,014308 | 0,00023174 |
| PADG_08475 | Bys1 family protein | UP(D) | 1,013813 | 2,79248E-05 |