**Table S11. Summary of primer sequences used in qRT-PCR analysis of selected genes**

|  |  |  |  |
| --- | --- | --- | --- |
| **PaNo** | **Putative protein function** | **Primer** | **Sequence** |
| *Pa\_1\_16400* | PaCTR1, copper transporter | Pa\_1\_16400-1 | CTCACAATGTCACACTCC |
|  |  | Pa\_1\_16400-2 | TTAGCGATCAGTGCTACC |
| *Pa\_2\_4660* | PaSOD2, MnSOD | PaSod2-1 | TGGCTGCTGTTGAGAAGACC |
|  |  | PaSod2-2 | TCGGCCGTCTTCCAGTTGAT |
| *Pa\_2\_7310* | Putative fatty acid synthase alpha subunit, member of aflatoxin cluster | Pa\_2\_7310-1 | CACGGAAGCTCATGAAGTC |
|  |  | Pa\_2\_7310-2 | CAAGGATGATGCCAAGGTC |
| *Pa\_2\_7880* | PaMTH1, O-methyl transferase | Pa\_2\_7880-1 | CAACAAGGACGGCTATGCT |
|  |  | Pa\_2\_7880-2 | TCCTTCCACCGAATCTGAG |
| *Pa\_2\_9780* | PORIN | Porin-RT-for | TCTCCTCCGGCAGCCTTG |
|  |  | Porin-RT-rev | GAGGGTGTCGGCAAGTTC |
| *Pa\_3\_1710* | PaAOX1, alternative terminal oxidase | PaAox1-1 | CGCTGACAGAAGCTCAAT |
|  |  | PaAox1-2 | ATTCGTGGCGAGATCAAG |
| *Pa\_3\_10440* | PaCTR3 | PaCtr3-1 | GGCGATGTACTACAATGG |
|  |  | PaCtr3-2 | CCGTCGTCGTAATACTTC |
| *Pa\_4\_4770* | PaCTR2, copper transporter | Pa\_4\_4770-1 | CTGACGAGCACATACATGG |
|  |  | Pa\_4\_4770-2 | CGACGTTCATCGTCATCAC |
| *Pa\_5\_11970* | Putative ferric reductase transmembrane component  | Pa\_5\_11970-1 | GACCAGTATGGCGAGGATG |
|  |  | Pa\_5\_11970-2 | CGTGGTATGTTCCGATGAG |

PaNo: accession number of the gene investigated in the *P. anserina* genome database. Putative protein function: short description or name of the gene investigated. Primer: names of the oligonucleotides used in qRT-PCR analyses. Sequence: primer sequences of used oligonucleotides.