**Table S3** Differentially expressed proteins that contain zinc ions in their structures

|  |  |  |  |
| --- | --- | --- | --- |
| Protein name | Folds | Zn2+ cofactors\* | Function from SGD |
| Rsf2p | 1.25 | Zinc finger, C2H2 | Involved in regulation of genes required for glycerol-based growth and respiration  |
| Mal33p | 1.32 | Zn(2)-C6 | MAL-activator protein; |
| Scs7p | 1.24 | Binds 2 Zn2+ per subunit | Sphingolipid alpha-hydroxylase |
| Ams1p | 1.24 | Binds 1 Zn2+ per subunit | Vacuolar alpha mannosidase |
| Bet2p | 0.77 | Binds 1 Zn2+ per subunit | Required for vesicular transport between the endoplasmic reticulum and the Golgi |
| Axl1p | 0.25 | Binds 1 Zn2+ per subunit | Haploid specific endoprotease of a-factor mating pheromone |

\*Information predicated by UniProtKB (www.uniport.org)