**Table S-2**

**Wild Type and/or *whi2*D proteins whose levels change by a Log2 value greater than 1 after one Hr in ME medium compared to those after one Hr in CSH medium**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | Log2P11 Hr ME | Log2P11 Hr CSH | Significance | Log2P1 1 Hr ME/P1 1 Hr CSH | Log2P1-whi21 Hr ME | Log2P1-whi21 Hr CSH | Significance | Log2P1-whi2 1 Hr ME/ P1-whi2 1 Hr CSH | Function |
| ARG1 | 27.94 | 26.62 | 0.000123 | **1.32** | 27.70 | 26.85 | 0.000004 | **0.85** | Argininosuccinate synthase OS |
| ARG3 | 24.55 | 23.24 | 0.020447 | **1.31** | 23.59 | 21.44 | 0.000276 | **2.16** | Ornithine carbamoyltransferase OS |
| CHA1 | 26.62 | 23.65 | 0.000012 | **2.96** | 26.17 | 22.85 | 0.000109 | **3.32** | Catabolic Ser/Thr dehydratase |
| LEU1 | 29.60 | 27.74 | 0.000003 | **1.86** | 29.45 | 27.72 | 0.000002 | **1.74** | 3-isopropylmalate dehydratase OS |
| MET17 | 27.49 | 26.41 | 0.000287 | **1.08** | 27.21 | 26.34 | 0.000111 | **0.87** | Homocysteine/cysteine synthase OS |
| TMT1 | 24.29 | 22.12 | 0.002476 | **2.17** | 23.91 | 22.12 | 0.005352 | **1.79** | Trans-aconitate 3-methyltransferase OS |
| YHR208W | 28.66 | 27.54 | 0.000121 | **1.12** | 28.55 | 27.58 | 0.000008 | **0.98** | Branched-chain-amino-acid aminotransferase, mitochondrial OS |