**Table S-10**

***whi2*D (P1-whi2) proteins whose levels change by an absolute Log2 value equal to or greater than 1, one Hr after shift to ME medium relative to one Hr in CSH medium**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Gene | Log2P1-whi21 Hr ME | Log2P1-whi21 Hr CSH | Significance | Log2whi2 ME/whi2 CSH | Function (SGD) |
| SGV1 | 21.74 | <15 | S | **6.74** | Serine/threonine-protein kinase BUR1 OS |
| YTA7 | 20.93 | <15 | S | **5.93** | Tat-binding homolog 7 OS |
| SDT1 | 22.92 | 21.72 | 0.008419 | **1.20** | Suppressor of disruption of TFIIS OS |
| ANR2 | <15 | 19.40 | S | **-4.40** | Uncharacterized protein ANR2 OS |
| YDR222W | <15 | 20.04 | S | **-5.04** | SVF1-like protein YDR222W OS |
| SMC1 | <15 | 21.76 | S | **-6.76** | Structural mainte15ce of chromosomes protein 1 OS |
| UBA4 | <15 | 21.87 | S | **-6.81** | Adenylyltransferase and sulfurtransferase UBA4 OS |
| COG3 | <15 | 21.87 | S | **-6.87** | Conserved oligomeric Golgi complex subunit 3 OS |
| NNT1 | <15 | 22.06 | S | **-7.06** | Protein N-terminal and lysine N-methyltransferase EFM7 OS |
| SKN7 | <15 | 22.27 | S | **-7.27** | Transcription factor SKN7 OS |