**S4 Table**

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| --- | --- | --- | --- |
| **Fig 3A – 8 d pIBM** | **p-value** | **FDR-adjusted p-value** | **Significant?** |
| Cntrl 1BF – Cntrl 2BF | 2.56 x 10-3 (0.0026) | 1.04 x 10-2 (0.0104) | Yes |
| Cntrl 1BF – Lp 1BF | 1.00  | 1.00 | No |
| Cntrl 2BF – Lp 2BF | 3.85 x 10-1 (0.3848) | 5.13 x 10-1 (0.5131) | No |
| Lp 1BF – Lp 2BF | 5.17 x 10-3 (0.0517) | 1.03 x 10-1 (0.1034) | No |
| **Fig 3A – 10 d pIBM** | **p-value** | **FDR-adjusted p-value** | **Significant?** |
| Cntrl 1BF – Cntrl 2BF | 2.19 x 10-6  | 8.76 x 10-6  | Yes |
| Cntrl 1BF – Lp 1BF | 3.29 x 10-1 (0.3289) | 3.29 x 10-1 (0.3289) | No |
| Cntrl 2BF – Lp 2BF | 1.69 x 10-1 (0.1687) | 2.23 x 10-1 (0.2253) | No |
| Lp 1BF – Lp 2BF | 2.10 x 10-5  | 4.20 x 10-5  | Yes |
| **Fig 3C – ΔEIP50** | **p-value** | **FDR-adjusted p-value** | **Significant?** |
| Cntrl 1BF – Cntrl 2BF | 9.47 x 10-9  | 3.79 x 10-8  | Yes |
| Cntrl 1BF – Lp 1BF | 1.74 x 10-1 (0.1740) | 1.74 x 10-1 (0.1740) | No |
| Cntrl 2BF – Lp 2BF | 8.19 x 10-2 (0.0819) | 1.09 x 10-1 (0.1092) | No |
| Lp 1BF – Lp 2BF | 1.29 x 10-7  | 2.58 x 10-7  | Yes |

|  |  |  |  |
| --- | --- | --- | --- |
| **Fig 5C** | **p-value** | **FDR-adjusted p-value** | **Significant?** |
| Cntrl 1BF – Cntrl 2BF | 1.42 x 10-11 | 5.68 x 10-11 | Yes |
| Cntrl 1BF – Δ*zpg* 1BF | 5.74 x 10-9 | 1.15 x 10-8 | Yes |
| Cntrl 2BF – Δ*zpg* 2BF | 1.52 x 10-1 (0.1517) | 1.52 x 10-1 (0.1517) | No |
| Δ*zpg* 1BF – Δ*zpg* 2BF | 2.76 x 10-3 (0.0028) | 3.68 x 10-3 (0.0037) | Yes |