**Supplementary Table 1. Tukey HSD multiple comparison between groups of CBF-α1.**

|  |  |  |  |
| --- | --- | --- | --- |
| Group | | Groups | P value\* |
| CBF-α1 | Control negative Day 7 | Control Negative Day 14 (CBF-α1) | 0.452 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.092 |
| Control Positive Day 14 (CBF-α1) | 0.998 |
| Control Positive Day 21 (CBF-α1) | 0.998 |
| Treatment Day 7 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.002 |
| Treatment Day 21 (CBF-α1) | 0.327 |
| Control Negative Day 14 | Control Negative Day 7 (CBF-α1) | 0.452 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.000 |
| Control Positive Day 14 (CBF-α1) | 0.125 |
| Control Positive Day 21 (CBF-α1) | 0.886 |
| Treatment Day 7 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.000 |
| Treatment Day 21 (CBF-α1) | 0.001 |
| Control Negative Day 21 | Control Negative Day 7 (CBF-α1) | 0.000 |
| Control Negative Day 14 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.000 |
| Control Positive Day 14 (CBF-α1) | 0.000 |
| Control Positive Day 21 (CBF-α1) | 0.000 |
| Treatment Day 7 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.000 |
| Treatment Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 | Control Negative Day 7 (CBF-α1) | 0.092 |
| Control Negative Day 14 (CBF-α1) | 0.000 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 14 (CBF-α1) | 0.369 |
| Control Positive Day 21 (CBF-1) | 0.014 |
| Treatment Day 7 (CBF-1) | 0.000 |
| Treatment Day 14 (CBF-1) | 0.879 |
| Treatment Day 21 (CBF-1) | 0.999 |
| Control Positive Day 14 | Control Negative Day 7 (CBF-α1) | 0.998 |
| Control Negative Day 14 (CBF-α1) | 0.125 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.369 |
| Control Positive Day 21 (CBF-α1) | 0.871 |
| Treatment Day 7 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.015 |
| Treatment Day 21 (CBF-α1) | 0.771 |
| Control Positive Day 21 | Control Negative Day 7 (CBF-α1) | 0.998 |
| Control Negative Day 14 (CBF-α1) | 0.886 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.014 |
| Control Positive Day 14 (CBF-α1) | 0.871 |
| Treatment Day 7 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.000 |
| Treatment Day 21 (CBF-α1) | 0.073 |
| Treatment Day 7 | Control Negative Day 7 (CBF-α1) | 0.000 |
| Control Negative Day 14 (CBF-α1) | 0.000 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.000 |
| Control Positive Day 14 (CBF-α1) | 0.000 |
| Control Positive Day 21 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.002 |
| Treatment Day 21 (CBF-α1) | 0.000 |
| Treatment Day 14 | Control Negative Day 7 (CBF-α1) | 0.002 |
| Control Negative Day 14 (CBF-α1) | 0.000 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.879 |
| Control Positive Day 14 (CBF-α1) | 0.015 |
| Control Positive Day 21 (CBF-α1) | 0.000 |
| Treatment Day 7 (CBF-α1) | 0.002 |
| Treatment Day 21 (CBF-α1) | 0.505 |
| Treatment Day 21 | Control Negative Day 7 (CBF-α1) | 0.327 |
| Control Negative Day 14 (CBF-α1) | 0.001 |
| Control Negative Day 21 (CBF-α1) | 0.000 |
| Control Positive Day 7 (CBF-α1) | 0.999 |
| Control Positive Day 14 (CBF-α1) | 0.771 |
| Control Positive Day 21 (CBF-α1) | 0.073 |
| Treatment Day 7 (CBF-α1) | 0.000 |
| Treatment Day 14 (CBF-α1) | 0.505 |

CBF-α1, core-binding factor subunit-α.

\*Significant at p<0.05.