

Table S2 - Statistical values of bonferroni's multiple comparisons test of the total RNA measurement (Figure 3) dataset

| Bonferroni's multiple comparisons test | Mean 1 | Mean 2 | Mean Diff. | 95.00% CI of diff. | N1 | N2 | t | DF | Significant? | Adjusted P-value |
|--|--------|--------|------------|--------------------|----|----|---------|----|--------------|------------------|
| Day 0.125 vs. Day 0.25 | 1.3580 | 1.3190 | 0.0393 | -0.2709 to 0.3496 | 3 | 3 | 0.4892 | 21 | No | 0.9999 |
| Day 0.125 vs. Day 0,5 | 1.3580 | 1.0940 | 0.2645 | -0.0824 to 0.6114 | 3 | 2 | 2.9430 | 21 | No | 0.4277 |
| Day 0.125 vs. Day 1 | 1.3580 | 1.0000 | 0.3580 | 0.04772 to 0.6683 | 3 | 3 | 4.4530 | 21 | Yes | 0.0121 |
| Day 0.125 vs. Day 2 | 1.3580 | 0.7930 | 0.5650 | 0.2547 to 0.8753 | 3 | 3 | 7.0280 | 21 | Yes | 0.0001 |
| Day 0.125 vs. Day 4 | 1.3580 | 0.5477 | 0.8103 | 0.5001 to 1.121 | 3 | 3 | 10.0800 | 21 | Yes | 0.0001 |
| Day 0.125 vs. Day 6 | 1.3580 | 0.3520 | 1.0060 | 0.6957 to 1.316 | 3 | 3 | 12.5100 | 21 | Yes | 0.0001 |
| Day 0.125 vs. Day 8 | 1.3580 | 0.2923 | 1.0660 | 0.7554 to 1.376 | 3 | 3 | 13.2500 | 21 | Yes | 0.0001 |
| Day 0.125 vs. Day 10 | 1.3580 | 0.1887 | 1.1690 | 0.8591 to 1.48 | 3 | 3 | 14.5400 | 21 | Yes | 0.0001 |
| Day 0.125 vs. Day 12 | 1.3580 | 0.1417 | 1.2160 | 0.9061 to 1.527 | 3 | 3 | 15.1300 | 21 | Yes | 0.0001 |
| Day 0.125 vs. Day 14 | 1.3580 | 0.1320 | 1.2260 | 0.9157 to 1.536 | 3 | 3 | 15.2500 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 0,5 | 1.3190 | 1.0940 | 0.2252 | -0.1217 to 0.5721 | 3 | 2 | 2.5050 | 21 | No | 0.9999 |
| Day 0.25 vs. Day 1 | 1.3190 | 1.0000 | 0.3187 | 0.008392 to 0.6289 | 3 | 3 | 3.9640 | 21 | Yes | 0.039 |
| Day 0.25 vs. Day 2 | 1.3190 | 0.7930 | 0.5257 | 0.2154 to 0.8359 | 3 | 3 | 6.5380 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 4 | 1.3190 | 0.5477 | 0.7710 | 0.4607 to 1.081 | 3 | 3 | 9.5900 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 6 | 1.3190 | 0.3520 | 0.9667 | 0.6564 to 1.277 | 3 | 3 | 12.0200 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 8 | 1.3190 | 0.2923 | 1.0260 | 0.7161 to 1.337 | 3 | 3 | 12.7700 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 10 | 1.3190 | 0.1887 | 1.1300 | 0.8197 to 1.44 | 3 | 3 | 14.0600 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 12 | 1.3190 | 0.1417 | 1.1770 | 0.8667 to 1.487 | 3 | 3 | 14.6400 | 21 | Yes | 0.0001 |
| Day 0.25 vs. Day 14 | 1.3190 | 0.1320 | 1.1870 | 0.8764 to 1.497 | 3 | 3 | 14.7600 | 21 | Yes | 0.0001 |
| Day 0,5 vs. Day 1 | 1.0940 | 1.0000 | 0.0935 | -0.2534 to 0.4404 | 2 | 3 | 1.0400 | 21 | No | 0.9999 |
| Day 0,5 vs. Day 2 | 1.0940 | 0.7930 | 0.3005 | -0.0464 to 0.6474 | 2 | 3 | 3.3430 | 21 | No | 0.1696 |
| Day 0,5 vs. Day 4 | 1.0940 | 0.5477 | 0.5458 | 0.1989 to 0.8927 | 2 | 3 | 6.0720 | 21 | Yes | 0.0003 |
| Day 0,5 vs. Day 6 | 1.0940 | 0.3520 | 0.7415 | 0.3946 to 1.088 | 2 | 3 | 8.2490 | 21 | Yes | 0.0001 |
| Day 0,5 vs. Day 8 | 1.0940 | 0.2923 | 0.8012 | 0.4543 to 1.148 | 2 | 3 | 8.9130 | 21 | Yes | 0.0001 |
| Day 0,5 vs. Day 10 | 1.0940 | 0.1887 | 0.9048 | 0.5579 to 1.252 | 2 | 3 | 10.0700 | 21 | Yes | 0.0001 |
| Day 0,5 vs. Day 12 | 1.0940 | 0.1417 | 0.9518 | 0.6049 to 1.299 | 2 | 3 | 10.5900 | 21 | Yes | 0.0001 |
| Day 0,5 vs. Day 14 | 1.0940 | 0.1320 | 0.9615 | 0.6146 to 1.308 | 2 | 3 | 10.7000 | 21 | Yes | 0.0001 |
| Day 1 vs. Day 2 | 1.0000 | 0.7930 | 0.2070 | -0.1033 to 0.5173 | 3 | 3 | 2.5750 | 21 | No | 0.9716 |
| Day 1 vs. Day 4 | 1.0000 | 0.5477 | 0.4523 | 0.1421 to 0.7626 | 3 | 3 | 5.6260 | 21 | Yes | 0.0008 |
| Day 1 vs. Day 6 | 1.0000 | 0.3520 | 0.6480 | 0.3377 to 0.9583 | 3 | 3 | 8.0600 | 21 | Yes | 0.0001 |
| Day 1 vs. Day 8 | 1.0000 | 0.2923 | 0.7077 | 0.3974 to 1.018 | 3 | 3 | 8.8020 | 21 | Yes | 0.0001 |
| Day 1 vs. Day 10 | 1.0000 | 0.1887 | 0.8113 | 0.5011 to 1.122 | 3 | 3 | 10.0900 | 21 | Yes | 0.0001 |
| Day 1 vs. Day 12 | 1.0000 | 0.1417 | 0.8583 | 0.5481 to 1.169 | 3 | 3 | 10.6800 | 21 | Yes | 0.0001 |
| Day 1 vs. Day 14 | 1.0000 | 0.1320 | 0.8680 | 0.5577 to 1.178 | 3 | 3 | 10.8000 | 21 | Yes | 0.0001 |
| Day 2 vs. Day 4 | 0.7930 | 0.5477 | 0.2453 | -0.06494 to 0.5556 | 3 | 3 | 3.0520 | 21 | No | 0.3334 |
| Day 2 vs. Day 6 | 0.7930 | 0.3520 | 0.4410 | 0.1307 to 0.7513 | 3 | 3 | 5.4850 | 21 | Yes | 0.0011 |
| Day 2 vs. Day 8 | 0.7930 | 0.2923 | 0.5007 | 0.1904 to 0.8109 | 3 | 3 | 6.2270 | 21 | Yes | 0.0002 |
| Day 2 vs. Day 10 | 0.7930 | 0.1887 | 0.6043 | 0.2941 to 0.9146 | 3 | 3 | 7.5170 | 21 | Yes | 0.0001 |
| Day 2 vs. Day 12 | 0.7930 | 0.1417 | 0.6513 | 0.3411 to 0.9616 | 3 | 3 | 8.1010 | 21 | Yes | 0.0001 |
| Day 2 vs. Day 14 | 0.7930 | 0.1320 | 0.6610 | 0.3507 to 0.9713 | 3 | 3 | 8.2220 | 21 | Yes | 0.0001 |
| Day 4 vs. Day 6 | 0.5477 | 0.3520 | 0.1957 | -0.1146 to 0.5059 | 3 | 3 | 2.4340 | 21 | No | 0.9999 |
| Day 4 vs. Day 8 | 0.5477 | 0.2923 | 0.2553 | -0.05494 to 0.5656 | 3 | 3 | 3.1760 | 21 | No | 0.2503 |
| Day 4 vs. Day 10 | 0.5477 | 0.1887 | 0.3590 | 0.04872 to 0.6693 | 3 | 3 | 4.4650 | 21 | Yes | 0.0117 |
| Day 4 vs. Day 12 | 0.5477 | 0.1417 | 0.4060 | 0.09572 to 0.7163 | 3 | 3 | 5.0500 | 21 | Yes | 0.0029 |
| Day 4 vs. Day 14 | 0.5477 | 0.1320 | 0.4157 | 0.1054 to 0.7259 | 3 | 3 | 5.1700 | 21 | Yes | 0.0022 |
| Day 6 vs. Day 8 | 0.3520 | 0.2923 | 0.0597 | -0.2506 to 0.3699 | 3 | 3 | 0.7421 | 21 | No | 0.9999 |

| Bonferroni's multiple comparisons test | Mean 1 | Mean 2 | Mean Diff. | 95.00% CI of diff. | N1 | N2 | t | DF | Significant? | Adjusted P-value |
|--|--------|--------|------------|--------------------|----|----|--------|----|--------------|------------------|
| Day 6 vs.Day 10 | 0.3520 | 0.1887 | 0.1633 | -0.1469 to 0.4736 | 3 | 3 | 2.0320 | 21 | No | 0.9999 |
| Day 6 vs.Day 12 | 0.3520 | 0.1417 | 0.2103 | -0.09994 to 0.5206 | 3 | 3 | 2.6160 | 21 | No | 0.8874 |
| Day 6 vs.Day 14 | 0.3520 | 0.1320 | 0.2200 | -0.09028 to 0.5303 | 3 | 3 | 2.7360 | 21 | No | 0.6802 |
| Day 8 vs.Day 10 | 0.2923 | 0.1887 | 0.1037 | -0.2066 to 0.4139 | 3 | 3 | 1.2890 | 21 | No | 0.9999 |
| Day 8 vs.Day 12 | 0.2923 | 0.1417 | 0.1507 | -0.1596 to 0.4609 | 3 | 3 | 1.8740 | 21 | No | 0.9999 |
| Day 8 vs.Day 14 | 0.2923 | 0.1320 | 0.1603 | -0.1499 to 0.4706 | 3 | 3 | 1.9940 | 21 | No | 0.9999 |
| Day 10 vs.Day 12 | 0.1887 | 0.1417 | 0.0470 | -0.2633 to 0.3573 | 3 | 3 | 0.5846 | 21 | No | 0.9999 |
| Day 10 vs.Day 14 | 0.1887 | 0.1320 | 0.0567 | -0.2536 to 0.3669 | 3 | 3 | 0.7048 | 21 | No | 0.9999 |
| Day 12 vs.Day 14 | 0.1417 | 0.1320 | 0.0097 | -0.3006 to 0.3199 | 3 | 3 | 0.1202 | 21 | No | 0.9999 |

| Parameter | Description |
|--------------------|---|
| Mean 1 | Example: day 1 vs.day 2; Mean 1 - day 1; Mean 2 - day 2 |
| Mean 2 | |
| Mean Diff. | (Mean diff.) = (Mean 1) - (Mean 2) |
| 95.00% CI of diff. | 95% probability that difference between Mean 1 and Mean 2 is between reported range |
| N1 | Number of values used to calculate Mean 1 |
| N2 | Number of values used to calculate Mean 2 |
| t | t is the ratio of the departure of the estimated value of a parameter from its hypothesized value to its standard error. |
| DF | Degrees of Freedom |
| Significant? | Is Mean 1 significantly different from Mean 2 ? |
| Adjusted P Value | The adjusted P value is the smallest familywise significance level at which a particular comparison will be declared statistically significant as part of the multiple comparison testing |