**Table S10. The comparison of RNA-Seq to log2 qRT-PCR levels.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene ID** | ***R* genes** | **89148** |  | **CN152** |
| **Log2(FPKM\_R/ FPKM WT)** | **log2(qRT-PCR)** |  | **Log2(FPKM\_R/ FPKM WT)** | **log2(qRT-PCR)** |
| PGSC0003DMG400008364 | *R1* | 1.53  | 1.44  |  | 2.77  | 2.81  |
| *R3a* | 1.88  | 1.75  |  | 1.02  | 0.35  |
| *R3b* | 2.92  | 2.43  |  | 3.58  | 4.87  |
| PGSC0003DMG400000417 | *R1* | -1.21  | -1.28  |  | -1.50  | -1.51  |
| *R3a* | -2.05  | -2.22  |  | -2.50  | -2.62  |
| *R3b* | -2.87  | -3.19  |  | -3.18  | -3.05  |
| PGSC0003DMG400010128 | *R1* | 8.23  | 4.62  |  | 5.29  | 3.42  |
| *R3a* | 7.31  | 4.02  |  | 6.86  | 4.29  |
| *R3b* | 9.49  | 6.02  |  | 8.93  | 6.13  |
| PGSC0003DMG400010139 | *R1* | 3.86  | 2.10  |  | 3.69  | 2.49  |
| *R3a* | 1.97  | 1.53  |  | 4.52  | 3.25  |
| *R3b* | 5.67  | 4.23  |  | 7.17  | 5.02  |
| PGSC0003DMG400015289 | *R1* | 1.50  | 1.50  |  | 1.71  | 1.11  |
| *R3a* | -0.17  | -0.17  |  | 1.31  | 0.50  |
| *R3b* | 2.59  | 2.74  |  | 3.24  | 3.18  |
| PGSC0003DMG400011502 | *R1* | 0.41  | 0.24  |  | -0.15  | -0.03  |
| *R3a* | 0.59  | 0.27  |  | -0.19  | -0.28  |
| *R3b* | 1.58  | 1.74  |  | 1.04  | 1.00  |
| PGSC0003DMG400018407 | *R1* | 0.59  | 0.83  |  | 0.25  | 0.13  |
| *R3a* | 0.17  | 0.27  |  | 0.59  | 0.24  |
| *R3b* | -0.07  | 0.07  |  | 0.40  | -0.12  |
| PGSC0003DMG400004062 | *R1* | -0.23  | -0.47  |  | 0.29  | 0.26  |
| *R3a* | -0.06  | -0.18  |  | 0.02  | 0.00  |
| *R3b* | -1.17  | -1.56  |  | -1.01  | -1.17  |
| PGSC0003DMG400002042 | *R1* | -0.71  | -0.54  |  | 1.40  | 1.56  |
| *R3a* | -1.38  | -1.35  |  | 1.91  | 1.83  |
| *R3b* | -2.31  | -2.24  |  | 1.34  | 1.12  |
| PGSC0003DMG400004064 | *R1* | -0.55  | -0.73  |  | -0.19  | -0.27  |
| *R3a* | -0.61  | -0.68  |  | -0.41  | -0.79  |
| *R3b* | -2.10  | -2.18  |  | -1.14  | -1.43  |
| PGSC0003DMG400006226 | *R1* | -1.18  | -1.19  |  | -0.75  | -0.92  |
| *R3a* | -1.11  | -0.96  |  | -0.93  | -0.86  |
| *R3b* | -0.92  | -0.82  |  | -0.92  | -0.59  |
| PGSC0003DMG400010815 | *R1* | -1.10  | -0.91  |  | -1.52  | -1.52  |
| *R3a* | -1.50  | -1.25  |  | -1.26  | -0.87  |
| *R3b* | -1.67  | -1.31  |  | -1.91  | -2.06  |
| PGSC0003DMG400020174 | *R1* | 1.64  | 1.53  |  | 1.30  | 1.83  |
| *R3a* | 0.92  | 0.85  |  | 1.19  | 1.51  |
| *R3b* | 1.11  | 0.66  |  | 1.47  | 2.21  |
| PGSC0003DMG400023458 | *R1* | -1.03  | -1.03  |  | -0.53  | -0.44  |
| *R3a* | -0.80  | -0.77  |  | -1.18  | -0.54  |
| *R3b* | -0.98  | -1.11  |  | -1.29  | -0.63  |
| PGSC0003DMG400023619 | *R1* | 0.83  | 1.44  |  | 0.20  | 0.32  |
| *R3a* | 0.66  | 0.80  |  | -0.35  | 0.13  |
| *R3b* | 1.14  | 1.58  |  | 1.47  | 1.65  |
| PGSC0003DMG400025263 | *R1* | -0.75  | -0.69  |  | -1.12  | -1.83  |
| *R3a* | -0.36  | -0.46  |  | -0.63  | -0.99  |
| *R3b* | -0.10  | -0.13  |  | -0.73  | -1.27  |