Supplementary table 8 Raw Ct value of RT-qPCR

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene rank | Gene Symbol | Assay Catalog  | Repeat 1 | Repeat 2 | Repeat 3 | Repeat 1 | Repeat 2 | Repeat 3 |
| HJB1-1 | HJB1-2 | HJB1-3 | HJB2-1 | HJB2-2 | HJB2-3 | HJB3-1 | HJB3-2 | HJB3-3 | TNB1-1 | TNB1-2 | TNB1-3 | TNB2-1 | TNB2-2 | TNB2-3 | TNB3-1 | TNB3-2 | TNB3-3 |
| 1 | *HIS* | HIS | 21.02  | 20.78  | 21.13  | 20.13  | 20.77  | 20.52  | 19.05  | 19.12  | 19.00  | 20.12  | 20.50  | 20.41  | 20.47  | 20.94  | 20.92  | 21.10  | 21.18  | 21.25  |
| 2 | *TRINITYDN8803\_c0\_g1\_i1* | DN8803\_c0\_g1\_i1 | 24.39  | 24.67  | 24.40  | 24.18  | 24.59  | 24.36  | 22.49  | 22.47  | 22.43  | 25.61  | 25.80  | 25.58  | 25.84  | 26.17  | 26.16  | 27.24  | 27.27  | 27.23  |
| 3 | *TRINITYDN39089\_c1\_g3\_i1* | DN39089\_c1\_g3\_i1 | 27.04  | 27.08  | 27.14  | 26.66  | 26.20  | 26.28  | 24.65  | 24.67  | 24.46  | 24.54  | 24.17  | 24.46  | 24.91  | 24.81  | 25.29  | 25.16  | 24.75  | 25.04  |
| 4 | *TRINITYDN19358\_c0\_g2\_i1* | DN19358\_c0\_g2\_i1 | 26.49  | 26.96  | 27.22  | 25.77  | 26.13  | 26.12  | 24.95  | 24.76  | 24.98  | 26.04  | 25.53  | 25.74  | 26.00  | 26.15  | 26.19  | 27.30  | 27.48  | 27.28  |
| 5 | *TRINITYDN25050\_c0\_g1\_i1* | DN25050\_c0\_g1\_i1 | 26.51  | 26.41  | 26.61  | 25.43  | 26.05  | 25.78  | 24.38  | 24.62  | 24.45  | 28.13  | 28.14  | 28.31  | 29.28  | 29.53  | 28.97  | 28.70  | 28.48  | 28.27  |
| 6 | *TRINITYDN26890\_c0\_g1\_i3* | DN26890\_c0\_g1\_i3 | 31.53  | 31.57  | 31.17  | 31.15  | 31.96  | 30.71  | 29.44  | 30.30  | 30.25  | 27.41  | 27.61  | 27.52  | 27.34  | 27.99  | 27.69  | 27.89  | 28.30  | 28.04  |
| 7 | *TRINITYDN38693\_c3\_g9\_i1* | DN38693\_c3\_g9\_i1 | 26.58  | 26.70  | 27.21  | 26.20  | 26.35  | 26.22  | 25.03  | 25.48  | 25.36  | 23.39  | 23.85  | 23.73  | 23.44  | 23.76  | 23.78  | 24.16  | 24.67  | 24.67  |
| 8 | *TRINITYDN35488\_c0\_g2\_i1* | DN35488\_c0\_g2\_i1 | 25.04  | 25.47  | 25.19  | 24.14  | 24.43  | 24.04  | 23.18  | 23.08  | 22.77  | 22.92  | 23.70  | 23.42  | 23.59  | 23.60  | 23.65  | 24.03  | 24.17  | 24.05  |
| 9 | *TRINITYDN30661\_c0\_g1\_i2* | DN30661\_c0\_g1\_i2 | 25.99  | 26.11  | 26.44  | 25.11  | 25.60  | 25.67  | 24.20  | 25.00  | 25.19  | 29.90  | 29.15  | 30.26  | 30.34  | 29.66  | 30.13  | 30.76  | 31.39  | 31.73  |
| 10 | *TRINITYDN36596\_c0\_g1\_i2* | DN36596\_c0\_g1\_i2 | 22.17  | 22.66  | 22.56  | 21.42  | 21.55  | 21.38  | 20.43  | 21.18  | 20.85  | 20.07  | 20.38  | 20.29  | 20.20  | 20.45  | 20.53  | 21.93  | 22.27  | 22.05  |
| 11 | *TRINITYDN38940\_c0\_g1\_i1* | DN38940\_c0\_g1\_i1 | 25.26  | 25.64  | 25.56  | 24.49  | 24.93  | 25.05  | 24.31  | 24.18  | 24.86  | 23.30  | 23.39  | 23.55  | 23.14  | 23.44  | 23.35  | 24.73  | 24.73  | 24.91  |
| 12 | *TRINITYDN24790\_c0\_g2\_i2* | DN24790\_c0\_g2\_i2 | 27.78  | 27.66  | 28.04  | 27.35  | 27.36  | 27.26  | 26.13  | 26.31  | 26.18  | 26.49  | 26.84  | 26.73  | 26.16  | 26.48  | 26.33  | 25.36  | 25.65  | 25.34  |
| 13 | *TRINITYDN30916\_c0\_g2\_i3* | DN30916\_c0\_g2\_i3 | 21.74  | 21.88  | 21.56  | 20.90  | 20.40  | 20.58  | 19.65  | 19.09  | 19.10  | 19.82  | 20.17  | 20.07  | 20.47  | 20.94  | 20.92  | 20.56  | 20.62  | 20.72  |
| 14 | *TRINITYDN38458\_c1\_g4\_i1* | DN38458\_c1\_g4\_i1 | 24.79  | 25.30  | 25.34  | 24.19  | 23.89  | 24.92  | 23.04  | 22.57  | 23.58  | 23.81  | 22.83  | 22.88  | 23.74  | 24.03  | 24.12  | 24.53  | 25.20  | 23.96  |
| 15 | *TRINITYDN21214\_c0\_g2\_i2* | DN21214\_c0\_g2\_i2 | 32.51  | 32.17  | 33.05  | 31.30  | 31.74  | 32.26  | 29.81  | 30.06  | 29.75  | 33.29  | 33.22  | 32.62  | 33.14  | 33.22  | 33.35  | 33.36  | 33.98  | 33.48  |
| 16 | *TRINITYDN26855\_c1\_g3\_i1* | DN26855\_c1\_g3\_i1 | 25.30  | 25.61  | 25.42  | 24.38  | 24.72  | 24.86  | 23.55  | 23.94  | 23.71  | 25.50  | 25.62  | 25.40  | 25.67  | 25.56  | 25.58  | 24.30  | 24.41  | 24.86  |