**S3 Table. Normalization of *ALP* gene expression in the duodenum against the 18 reference genes.**

|  |  |
| --- | --- |
|  |  |
|  | Age (post-weaning) |  |  |
| Gene | Day 0 | Day 7 | Day 14 | Day 21 | SEM | *P*-value |
| *YWHA* | 26.95a  | 1.00b  | 1.29b  | 1.18b  | 3.843  | <0.001  |
| *UBC* | 15.15a  | 1.00b  | 17.57a  | 2.06b  | 1.751  | 0.017  |
| *TBP* | 47.71a  | 1.00b  | 139.36c  | 3.70b  | 1.299  | 0.046  |
| *RPL32* | 6.49a  | 1.00b  | 13.80c  | 1.28b  | 2.150  | 0.008  |
| *RPL19* | 15.58a  | 1.00b  | 45.50c  | 3.25b  | 1.790  | 0.016  |
| *PPIA* | 83.81  | 1.00  | 52.18  | 2.08  | 0.595  | 0.256  |
| *PPARGGIA* | 9.16a  | 1.00b  | 3.72bc  | 5.90c  | 2.153  | 0.008  |
| *PGK11* | 26.06a  | 1.00b  | 70.93c  | 2.76a  | 1.546  | 0.027  |
| *HSPCB* | 88.14  | 1.00  | 365.00  | 16.05  | 0.852  | 0.134  |
| *CANx* | 64.47a  | 1.00b  | 120.63c  | 2.07b  | 2.078  | 0.009  |
| *ALDOA* | 338.76a | 1.00b  | 270.35a  | 8.06b  | 1.731  | 0.018  |
| *5S* | 17.69a  | 1.00b  | 1.22b  | 16.99a  | 2.017  | 0.010  |
| *18S* | 3.26a  | 1.00b  | 0.97b  | 0.50b  | 1.813  | 0.015  |
| *B2M* | 9.78a  | 1.00b  | 1.82b  | 2.13b  | 1.407  | <0.001  |
| *B-actin* | 4.65a  | 1.00b  | 1.26b  | 0.99b  | 1.393  | <0.001  |
| *GAPDH* | 86.65a  | 1.00b  | 2.38b  | 76.89a  | 1.555  | 0.026  |
| *HMBS* | 9.40a  | 1.00b  | 2.94b  | 2.61b  | 1.845  | <0.001  |
| *HPRT1* | 9.33a | 1.00b  | 1.38b  | 2.03b  | 2.438  | <0.001  |
| *Geomean*1 | 9.60a | 1.00b  | 1.89b  | 2.12b  | 0.791  | <0.001  |

**Note:** a,b,c Means within the same row without common superscripts differ significantly (*P* < 0.05) .

1 Means the geomean of *B2M*/*HMBS*/*HPRT1*.