**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*.