**Identification of differentially expressed genes through RNA sequencing in goats (*Capra hircus*) at different postnatal stages**

Yaqiu Lin1¶, Jiangjiang Zhu1,2¶, Yong Wang1,2\*, Qian Li1 and Sen Lin1

1Key Laboratory of Sichuan Province for Qinghai-Tibetan Plateau Animal Genetic Reservation and Exploitation, Chengdu, Sichuan, P. R. China 610041

2Key Laboratory of State Ethnic Affairs Commission and Ministry of Education for Animal Genetics & Breeding, Chengdu, Sichuan, P. R. China 610041

\* Corresponding author

E-mail: wangyong010101@hotmail.com

¶ These authors contributed equally to this work.

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**S1 Table** Summary of genes, primers, and product sizes for quantitation real-time PCR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Gene | Description | GenBank ID number | Primer name | Primer sequence (5´ to 3´) | Size(bp) | annealing temperature ℃ |
| *C3* | complement component 3 | XM\_013965236 | F. 1115 | TCATGGTGTACGTGACGAACC | 124 | 60 |
| R. 1238 | TGTGTGTTGATGCTTAGCTTGG |
| *CKMT2* | creatine kinase, mitochondrial 2 (sarcomeric) | XM\_013965760 | F. 204 | ACAGACTATTCCCACCAAGCG | 188 | 60 |
| R. 391 | GCCCACGGTCTTTATGAAGG |
| *FILIP1L* | filamin A interacting protein 1 like, transcript variant X1 | XM\_013972898 | F.355 | GAGGACAAGAAGCAGAGACAGC | 173 | 60 |
| R.527 | ACTTCATCTCGAGCCTGCAGT |
| *PPIF* | peptidylprolyl isomerase F | XM\_013975638 | F. 279 | GTCCACGTTCCACAGAGTGATT | 113 | 60 |
| R. 391 | AGTTCTCGTCAGGAAAGCGG |
| *PPP1R27* | protein phosphatase 1, regulatory subunit 27 | XM\_005694060 | F. 402 | GGCAGACATTCATCAGCGAG | 186 | 60 |
| R. 587 | TTGAATAGCTCCACCAAGTCCT |
| *PPTC7* | PTC7 protein phosphatase homolog (S. cerevisiae) | XM\_013970669 | F. 332 | GACGGTTTGTCCCAAGTAATCC | 131 | 63 |
| R. 462 | TAAGCGGTGGCTGGTTCTGT |
| *PDK4* | pyruvate dehydrogenase kinase, isozyme 4 | XM\_005678949 | F. 609 | CTACAATGGCACAAGGAGTCCT | 174 | 60 |
| R. 782 | GGCTTGGGTTTCCTGTCTGTA |
| *CSRNP1* | cysteine-serine-rich nuclear protein 1, transcript variant X2 | XM\_005695556 | F. 1206 | CCTGGTGTGGATGATGATGG | 123 | 60 |
| R. 1328 | GTGGAAGCAGCCGAGATTG |
| *PPIB* | peptidylprolyl isomerase B | XM\_005685667 | F. 427 | ACACCAACGGCTCCCAGT | 143 | 60 |
| R. 569 | AGGCTTGTCCCGACCATC |