

Table S10. Summary of Kyoto Encyclopedia of Genes and Genomes (KEGG) top 10 pathways analysis of differential expression genes (DEGs).

| Pathway ID | Description | Number of DEGs in category |
|-------------------|--|-----------------------------------|
| rno04926 | Relaxin signaling pathway | 7 |
| rno04151 | PI3K-Akt signaling pathway | 9 |
| rno04014 | Ras signaling pathway | 6 |
| rno04064 | NF-kappa B signaling pathway | 4 |
| rno04933 | AGE-RAGE signaling pathway in diabetic complications | 4 |
| rno04010 | MAPK signaling pathway | 6 |
| rno04150 | mTOR signaling pathway | 4 |
| rno04310 | Wnt signaling pathway | 4 |
| rno04066 | HIF-1 signaling pathway | 3 |
| rno04722 | Neurotrophin signaling pathway | 3 |