

Transcriptome profiling reveals important regulation genes and pathway signals in IPEC-J2 Cells of pigs mediated by *Salmonella Enterica*

Jiajia Cai, Xiaolei Chen, Haifei Wang, Shenglong Wu, Demei Cai and Hairui Fan

Supplement Figures:

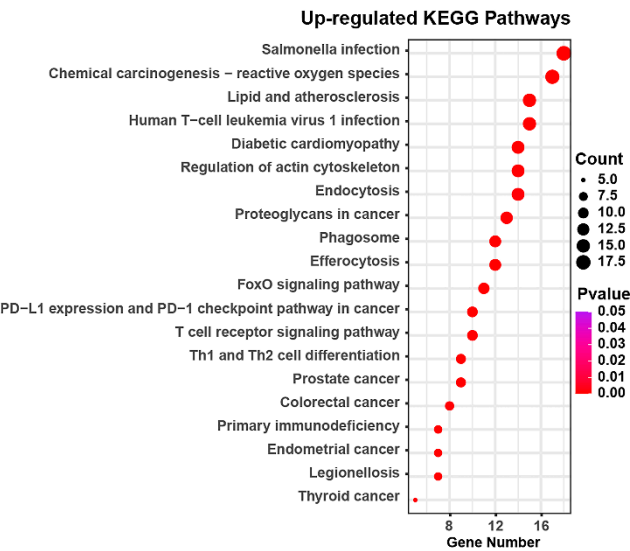
Figure S1

The top 20 enriched KEGG pathway terms for the differentially expressed genes of IPEC-J2 under Salmonella vs LPS.

Figure S2

The expressed of *AQP8* in different tissue of human and pig.

A



B

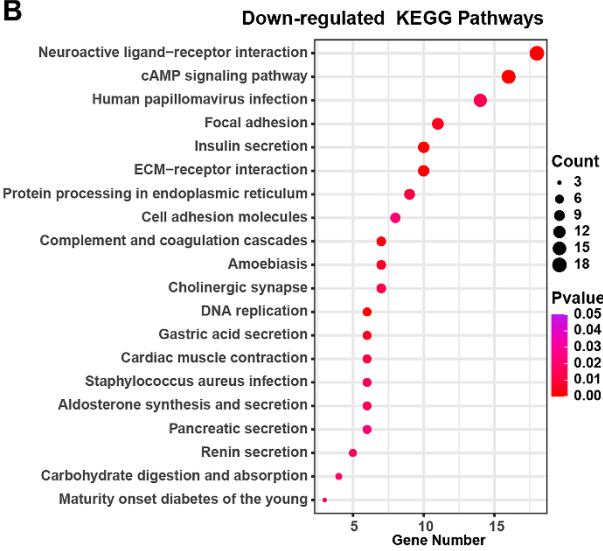


Figure S1. The top 20 enriched KEGG pathway terms of up-regulated genes (A) and down-regulated genes (B) in IPEC-J2 under Salmonella vs LPS.

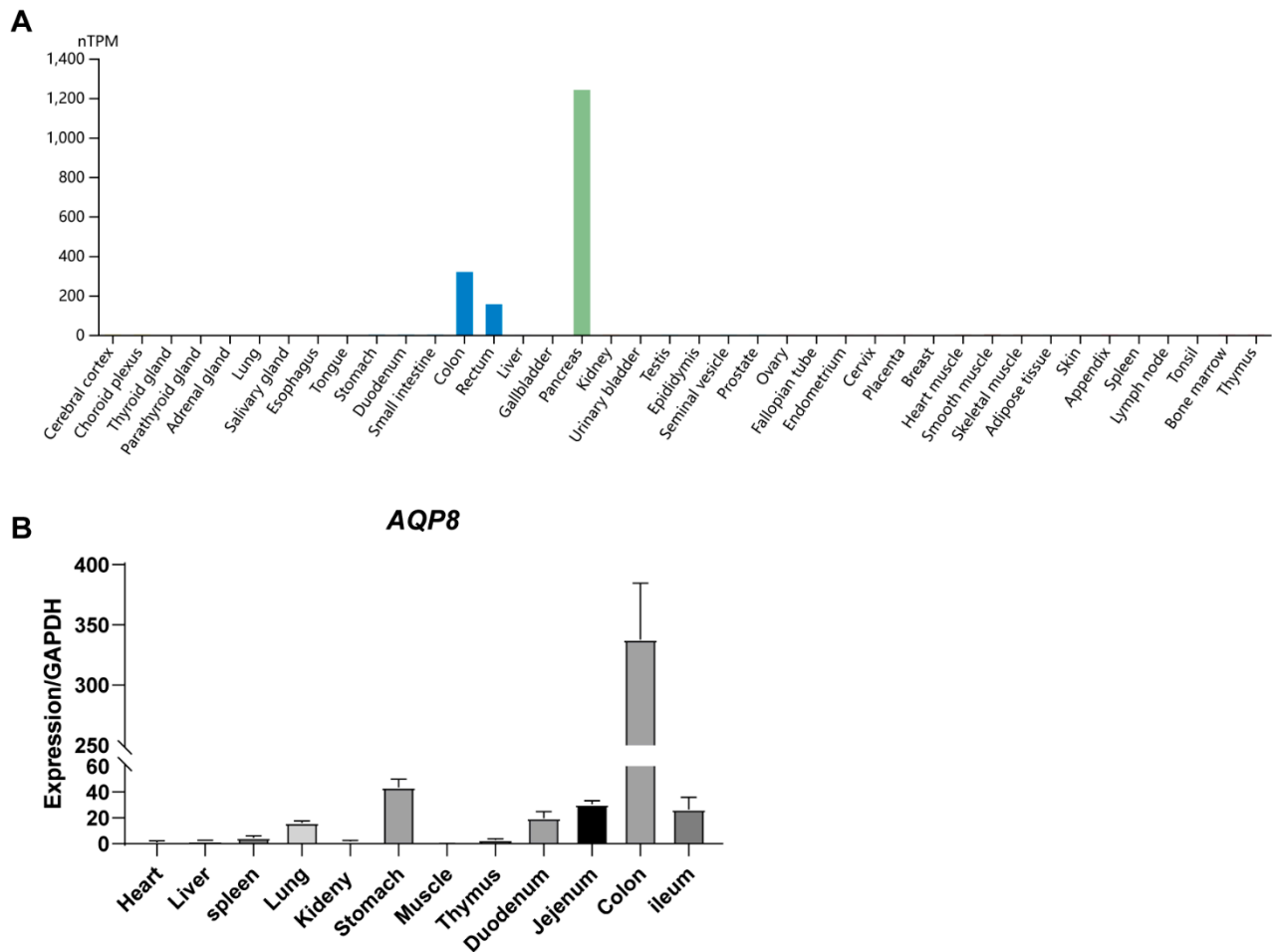


Figure S2

The expression of *AQP8* in different tissue of human and pig. **(A)** the expression of *AQP8* in different tissue of human based on Human Protein Atlas database. **(B)** The mRNA expression of *AQP8* in different tissue of pig by RT-qPCR analysis.