Table S6. Summary of cellular and humoral immune pathways enriched by DEGs in AcCK2 vs AcT2 comparison group.

Pathway	Num of up-regulated gene	Num of down-regulated gene	*p* value	*q* value	Pathway ID
Ubiquitin mediated proteolysis	2	10	0.18399	0.986272	ko04120
Phagosome	2	0	0.948736	0.986272	ko04145
Autophagy	4	5	0.307325	0.986272	ko04140
Lysosome	0	6	0.646095	0.986272	ko04142
Endocytosis	2	7	0.924797	0.986272	ko04144
Melanogenesis	1	2	0.825223	0.986272	ko04916
MAPK signaling pathway	7	8	0.293173	0.986272	ko04010
Jak-STAT signaling pathway	2	1	0.257039	0.986272	ko04630
Toll/Imd signaling pathway	1	1	0.351973	0.986272	ko04624
NF-κB signaling pathway	1	0	0.694568	0.986272	ko04064