**Table S1:** PCR primers used for RT-PCR assay of porcine IRF and IL-17 genes.

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| IRFs | Primer sequence (5′-3′) | Product size (bp) | GenBank RefSeq RNA Accession  |
| IRF1 | Forward: GCCCATCACTCGGATGCGCAReverse: TCCGGTACACCCGCACAGCT | 329 | NM\_001097413.1 |
| IRF2 | Forward: GAGCGATGAGCAGCCGGTCAReverse: TCCGCGTCCCCATGTTGCTG | 185 | XM\_003133334.1 |
| IRF3 | Forward: CGGTCTGCCCTGAACCGGAAAReverse: TGCATCCGAGGCCAAGTCCAT | 219 | NM\_213770.1 |
| IRF4 | Forward: GGCTCCGCTGTGCCCTCAACReverse: GGCACCATCGGACACGAGCC | 110 | XM\_003359940.1 |
| IRF5 | Forward: TCCAGAGGATGTTACCAAGCCTGAReverse: ACTTGATCTCCAGGTCGGTCAAAG | 301 | XM\_003134683.1 |
| IRF6 | Forward: AGGGCTCCGTCGTCAACCCAReverse: CCGCTTTGGGCCACACTGCT | 228 | NM\_214278.1 |
| IRF7 | Forward: CCCACGCGTGCTCTTCGGAGReverse: GTGCAGGGCACAGCGGAAGT | 271 | NM\_001097428.1 |
| IRF8 | Forward: GGGCGCTCGGAGATCGAGGAReverse: CTCGGGCCCGTACAGCTTGC | 321 | NM\_001252427.1  |
| IRF9 | Forward: AAGGCCTGGGCGATATTTAAGGGAReverse: GTGGCGTCGCTTCGATGGTAATTT | 228 | NM\_001078670.1 |
| IL-17A | Forward: ACCGGAGCACACCTGCCAGAReverse: GGGGGTGACACAGGTGCAGC | 284 | NM\_001005729.1 |
| IL-17B | Forward: AAGCCGTTTGCCCGCATGGA Reverse: TGAACACGGGCACGCTCACC | 274 | XM\_003124086.2 |
| IL-17D | Forward: TGCTCGTGCCTGCTGTCGTGReverse: TTGTCGGTTGCACCGTCCCG | 228 | EW441377 |
| IL-17E | Forward: TCCCCACTGGCCCAACTGCTReverse: CCTGGGGCAGCCGGTTCAAG | 212 | XM\_003128538.1 |
| IL-17F | Forward: ACCGATCCAGCTCCCCCTGGReverse: CTTCCTGCCCCTGGGCGTTG | 117 | XM\_001924366.2 |
| GAPDH | Forward: TGGYATCGTGGAAGGRCTCATReverse: RTGGGWGTYGCTGTTGAAGTC | 370 | NM\_001206359.1  |