| qRT-PCR   | Forward (5’ to 3’)          | Reverse (5’ to 3’)          |
|----------|-----------------------------|-----------------------------|
| 18s      | GTAACCCGTTGAACCCCATT        | CCATCCAATCGGTAGTAGCG        |
| Hdac3    | CACCAAGAGCCCTTAATGCCTT     | GCAGCTCCAGGATACCAATTACT     |
| Klf4     | GTGCCCGAACTAACCGTTG        | GTCGTTGAACCTCCTCGGTCT       |
| Ncor1    | AGATTTACGGAGGTGGTCAG       | CTCATCAGGCCCATCATATT        |
| Ncor2    | TGCTGCATAAACCCTTCACGGAAG  | GATGGCTTGTCTGAGCAGGAG        |
| Rela     | AGGCTTTCTGGGCTTATGTG       | TGCTTCTCTCGCCAGGAAATAC      |
| Sprr1a   | CAGAGAACCTGCTCTCTCTGAGT    | GTGGCAGGGATCCTTGTGT       |
| Tgm1     | TCTGGGCTCGTTGTGTG          | AACCACATTCCCTCTCGGA         |
| Ccl20    | CGACTTGTGCCCTCTCCTACA     | GAGGAGGTCACAGGCCCTTT        |
| Tnf      | CCCTCACACTCGATCATCTCTTCT  | GCTACGAGGTGCGGTACAG         |
| ChIP-qPCR| Forward (5’ to 3’)          | Reverse (5’ to 3’)          |
| Ins      | GGACCCACAAAGTGAACAAC       | GTGCAGCACTGATCCACAAAT       |
| Tgm1-1   | CCCACCGAGTGTCTATGAGC       | GATTGTCACAGGCTGGTG          |
| Tgm1-2   | TCAGGCTGCAGACAGATGAC       | GGGCATGAGAAGACCTGGTA        |
| Krt16    | GACCTCCAACGTGACTCC         | AGAGAGAGAGTCACCCCTTG        |
| Aqp3     | GGGCCTGAGTGTCTCGTGAAT     | AAGCCACTGATGACCAACC      |