***Supplementary Table S1 Primers sequence and conditions used for qRT-PCR***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene**  | **Primer sequence**  | **Product size (bp)**  | **Annealing temp.**  | **Accession number of original sequence**  |
| Cx 43 | F- ATCTTCATGCTTGTCGTGTC R- CAGTGGTAGTGTGGTAAGGA  | 123 | 60.5 | NM\_174068.2 |
| Cx 37 | F- CATCTTCCGCATTCTCATCC R- CTGGTCATAGCAGACATTGG | 114 | 60.5 | NM\_001083738.1 |
| GDF9 | F- CCCTAAATCCAACAGAAGCC R- GTTCCACAACAGTAACACGA  | 148 | 60.5 | NM\_174681.2 |
| BMP15 | F- CATCCCTTACGGTATATGCTG R- GTTTGGTCTCAGAGGAAAGTC | 179 | 56 | DQ463368.1 |
| ZP2 | F-CATCTTATCATCACGACTCATCTG R- TTTCCATAACAATCCCGCTG  | 163 | 60.5 | NM\_173973.2 |
| ZP3 | F- GAGGAAGATGAATGACCGTGR- TTATTGGGAAGCAGACACAG | 174 | 56 | NM\_173974.2 |
| HSF1 | F- ACATAAAGATTCGCCAGGAC R- GAGATGAGGAACTGGATGAG  | 198 | 56 | GQ396661.1 |
| ZAR1 | F- GCTTCCAGTTCTTAGAGCAG R- TGTAGTAAACCTTGTTAGTGCC  | 110 | 56 | NM\_001076203.1 |
| bFGF | F- TGTGTCTATCAAAGGAGTGTG R- GTCCAAGTTTATACTGCCCA  | 196 | 56 | M13440.1 |
| BAX  | F- CCTTTTGCTTCAGGGTTTCAR- CGCTTCAGACACTCGCTCA | 123  | 60  | NM\_001191220.1 |
| BID  | F- CTGTCGGAGGAGGACAGGAGR- GTGGTCGGCTATCTTTTTGG  | 135  | 60  | NM\_001075446.1 |
| BCL xL  | F- TTGTGGCCTTTTTCTCCTTCR- GATCCAAGGCTCTAGGTGGT | 128 | 60  | ENSBTAT00000008572 |
| MCL1  | F- TCGGAAACTGGACATCAAAAR- CCACAAAGGCACCAAAAGAA | 128  | 58  | ENSBTAT00000020159 |
| GAPDH  | F- TCAAGAAGGTGGTGAAGCR- CCCAGCATCGAAGGTAGA  | 122 | 57 | GU324291.1  |
| β-Actin | F- TCACGAAACTACCTTCAATTCR- TCTTGATCTTCATTGTGCTGG | 164 | 56 | NM\_001290932.1 |