**Additional files**

**Table S3: Q-PCR primers**

|  |  |  |
| --- | --- | --- |
| Gene name | Forward primers | Reverse Primers |
| CRABP-1 | caacttcaaaatcggggaga | tcatcagcaccaaaggtcaa |
| ADAMTSL1 | agccccaaaaagatccagtt | aactctggcattctgcctgt |
| TLX3 | aggtgaagacgtggttccag | atcgactcgttgagcgactt |
| ADCYAP1 | gctaagctggaggaggaggt | cggccgctaagtatttcttg |
| MAB21L1 | gggacgtggtaaagatggtg | ccttggagagcaggttgaag |
| CFC1 | catttaggaaaaggccgtga | tctgtaatcccggtgaaagg |
| STMN2 | aacatgagcgagaggtgctt | gcatgcctctccttttcttg |
| SANAP25 | gaatgctgcagcttgttgaa | aacgccatcctgattattgc |
| Semilar to ADAM12 | gagcccagcgagatcttcta | gtggcacatggtgtgtcttc |
| TBX22 | tctcctctcaacccactgct | agcttgggtacatcgaccac |
| FGFR2 | gtggcagtgaagatgctgaa | acgtgcaggataccaagtcc |
| Osteopontin | cacagaatgacctggcttca | gccatatgccacactgtcac |
| OSF2 | gatcatgggtggagctgtct | caatgacttgcttggcagaa |
| RARB | gcctgcctggacatactgat | tgcatctgagttcggttcag |
| FZD7 | tggaacgcttctctgaggat | gccatgccgaagaagtagag |
| SEMA3C | gaggagtcgtaggcaagacg | tgtcttggacagagcgaatg |