

Supplementary Table 2:

Primers used in reverse transcription analysis (RT) of candidate genes. (F: forward, R: methylated reverse)

| Gene    | Primer | Primer sequence   | Product size | Annealing temperature °C |
|---------|--------|---|--------------|--------------------------|
| HSP47   | F<br>R | CTGCAGTCCATCAACGAGTGTGC<br>GAGAGGGCAACAGCCTTCTTCTGC     | 406bp        | 55                       |
| EMP3    | F<br>R | CTTATACGTCTTTTCGGGGCGAC<br>GATGAAGGAGAGACAGCAGAGAATGAG  | 267bp        | 57                       |
| OPCML   | F<br>R | AAACCGCAGCACCATCCTCTAC<br>TTTTCAATCCTCATTCCATCCAGACC    | 415bp        | 60                       |
| CTNNG   | F<br>R | TACGGCAACCAGGAGAGCAAG<br>TCTTCAGCACACTCTCCAGGC          | 366bp        | 60                       |
| SYK     | F<br>R | CATGTCAAGGATAAGAACATCATAGA<br>AGTTCACCACGTCATAGTAGTAATT | 514bp        | 60                       |
| TMS1    | F<br>R | TGGGCCTGCAGGAGAGT<br>ATTTGGTGGGATTGCCAG                 | 500bp        | 65                       |
| HOXA9   | F<br>R | TGTGGTTCTCCTCCAGGTGATAGA<br>TCGGTTAGGTTGAGCAGTCGAG      | 276bp        | 62                       |
| RASD1   | F<br>R | CCATCCTCACAGGAGACGTTTTTC<br>AACATCTGGTCCAGGCTGCTGTT     | 289bp        | 60                       |
| ARPC4   | F<br>R | GGAAGTGGAAAGTCAGGAGTAGC<br>CTGATATCATAACCCAGCACAGG      | 234bp        | 60                       |
| PTK2B   | F<br>R | TGTCTGGGGTGTCCGAGC<br>AGGTGATGATCTCCGGATC               | 216bp        | 60                       |
| TFAP4   | F<br>R | CTTCATCCAGGAGCTGAGCG<br>TCCAGCTTCTCCTGGTGCAG            | 294bp        | 60                       |
| ZFP36L2 | F<br>R | GCAAGACAGAGAAATCCCTGGC<br>GCTCCTTAAGGGTGCCGTAG          | 264bp        | 60                       |
| ARGHDIA | F<br>R | GTTTCCGCAGACCCCAACG<br>CGGACACTATCTCTCGGTTAACC          | 193bp        | 60                       |
| SEL1L   | F<br>R | TAAGAGACGGCATGCAGG<br>AGCCAAGAGCAGTCTGTCCC              | 269bp        | 59                       |
| LTBP3   | F<br>R | GCTGCAGTACACAGGAGTGC<br>GGAAACACAGGCTCTCCTC             | 263bp        | 59                       |
| CST6    | F<br>R | CGCAGAGCCAGCTGGTG<br>AGGAGCTGAGAGGAGTTCTGCC             | 200bp        | 56                       |
| GAPDH   | F<br>R | AAGGTTAAGGTCGGAGTCAACG<br>CAGCCTTCTCCATGGTGGTGAA        | 319bp        | 60                       |