Tables S2 *sequences of primers used for genes amplification.*

| **Gene** | **Sequence** |
| --- | --- |
| *HIF1A* | F: GATCCCTCTTCGTCGCTT  R: AAAGGCAAGTCCAGAGGTGG |
| *HIF2A* | F: CCTTCCGACTCCCAGCATTC  R: GAGGCTGTCAGACCCGAAAA |
| *ncOGT* | F: C AGGAAGGCTATTGCTGA GAGG R: CGGAACTCACATATCCTACACGC |
| *HPRT1* | F: CATTATGCTGAGGATTTGGAAAGG R: CTTGAGCACACAGAGGGCTACA |
| *PUM1* | F: GCATTTGGACAAGGTCTGGCAG R: GCTACAAGTCGAACAGGAGCTC |
| *SNAIL* | F: TGTCAACAGTACCACTGCCA  R: CCGGACTCTTGGTGCTTGTG |
| *SLUG* | F: AGAGCATTTGCAGACAGGTCA  R: CTACACAGCAGCCAGATTCCT |
| *ZEB1* | F: AAAGATGATGAATGCGAGTC  R: TCCATTTTCATCATGACCAC |
| *TWIST1* | F: CTAGATGTCATTGTTTCCAGAG  R: CCCTGTTTCTTTGAATTTGG |