**Table S1- primer Sequences**

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| **Gene** | **Sequence** |
| E-cadherin | Forward (5’-3’) | GCTCTGAGGAGTGGTGCATT  |
| Reverse (5’-3’) | GCAATTTCTCGGCCCCTTTC |
| Vimentin | Forward (5’-3’) | GGTTCAGGTTTCATTCATGCCT |
| Reverse (5’-3’) | TTGCGCTCCTGAAAAACTGC |
| Slug | Forward (5’-3’) | ACGCAAGTATACACACACTGGA |
| Reverse (5’-3’) | GAGCACCTATAGCTCCGTGC |
| Twist1 | Forward (5’-3’) | TTTTAAAAGTGCGCCCCACG |
| Reverse (5’-3’) | ACAGCCGCAGAGACCTAAAC |
| GAPDH | Forward (5’-3’) | GCAACTAGGATGGTGTGGCT |
| Reverse (5’-3’) | TCCCATTCCCCAGCTCTCATA |