**Supplemental Information**

**Table 1. The list of primers used in quantitative real time PCR**

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| *Dkk2* | Forward (5’ -3’) | GTACCCGCTGCAATAATGGAATCT |
| Reverse (5’ -3’) | AACAGACTCAGCACAGCGAA |
| *Hnf4a1* | Forward (5’ -3’) | ATGCGACTCTCTAAAACCCTTG |
| Reverse (5’ -3’) | ACCTTCAGATGGGGACGTGT |
| *Hprt* | Forward (5’ -3’) | CTCCTCAGACCGCTTTTTGC |
| Reverse (5’ -3’) | TCATCGCTAATCACGACGCT |
| *Lgr5* | Forward (5’ -3’) | AGCCTATGGACTCAATGTGAAGA |
| Reverse (5’ -3’) | AAATCAGCCCTAGGTCAAGATGATA |
| *Lyz1* | Forward (5’ -3’) | GAGACCGAAGCACCGACTATG |
| Reverse (5’ -3’) | CGGTTTTGACATTGTGTTCGC |
| *Lyz2* | Forward (5’ -3’) | ATGGAATGGCTGGCTACTATGG |
| Reverse (5’ -3’) | ACCAGTATCGGCTATTGATCTGA |
| *Sox9* | Forward (5’ -3’) | CGGAACAGACTCACATCTCTCC |
| Reverse (5’ -3’) | GCTTGCACGTCGGTTTTGG |