### Supplementary Table 2. The promoter sequences of INTU and IFT88.

#### INTU gene promoter sequence (INTU<sup>CpG</sup> sequence is in blue and TCF4 binding site is highlighted):

| ATCATTATCTGTAATCTATAAACCCTATGAGTCACATATTATAACATACCTGAGCTGTTTCTCCTATTTACTTCC |
| TCTAGTGTTTCCCTTACACCATCTCTGGCCTTTGTGACTAAGGACATCTACTAGTGAAGAGTCACACAGCGTCA |
| CTTATACCAAGCTCCTAGTAGTACGAGTACAACTACTTTGGCTCCTCTCCTCTCTCTCTGTTGAGCAGGAGCT |
| CACGTGATGACATGTTTCAATCTGTTTCAATCTGTTTCAATCTGTTTCAATCTGTTTCAATCTGTTTCAATCTGTT |
| TGGGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG |
| GTGAAATCTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCA |
| CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG |
| ATCATTATCTGTAATCTATAAACCCTATGAGTCACATATTATAACATACCTGAGCTGTTTCTCCTATTTACTTCC |

#### IFT88 gene promoter sequence (IFT88<sup>CpG</sup> sequence is in blue and TCF4 binding site is highlighted):

| GCTTGTTCCCTACCTCTCTACCTCTAGTGATGACATGTTTCAATCTGTTTCAATCTGTTTCAATCTGTTTCAATCTGTT |
| CGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG |
| GTGAAATCTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCACTGCA |
| CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG |
| ATCATTATCTGTAATCTATAAACCCTATGAGTCACATATTATAACATACCTGAGCTGTTTCTCCTATTTACTTCC |

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