**Table S1: Primers used in this study.**

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| Primer name: | 5’-3’ primer sequence: | Melting temperature (Tma) |
| VTI1A\_5’UTR\_F (first round) | TTTCCCTGACCTAGGCTTTG | 62°C |
| TCF7L2\_Ex6\_R (first round) | GGATGGGGGATTTGTCCTAC | 62°C |
| VTI1A\_Ex1\_F (second round) | CCGACTTCGAAGGTTACGAG | 62°C |
| TCF7L2\_ex5\_R (second round) | TACGTCGGCTGGTAAGTGTG | 62°C |
| RP11-57H14.3\_F1 (first round) | TCCTGGAGATGCCTCTGAGT | 58°C |
| TCF7L2\_R1 (first round) | CTACCTCCCCAACGGATCG | 58°C |
| RP11-57H14.3\_F2 (second round) | CAAAGCGTGGTCTCATTCCT | 57°C |
| TCF7L2\_R2 (second round) | CAGGGAGCCTCCAGAGTAGA | 57°C |
| TCF7L2\_DNA\_F (genomic breakpoint) | TGGGTGCTGTGCTATGTGTT | 60°C |
| RP11\_DNA\_R (genomic breakpoint) | GGTAGAGGTTGGCTGCAGTT | 60°C |

a) Melting temperature (Tm) used for optimal primer annealing step during PCR. Annealing temperature was set to the average Tm of the participating primer pair.