**Table S1.** Primer sequence

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| Primer name | Primer Sequences |
| RP11-573J24.1 | F: 5’- CAAGTGTGGGGCACTGTAGG - 3’ |
| R: 5’- TTGCAACCACTCCGCAGAA - 3’ |
| RP11-787B4.2 | F: 5’- AAACACGGGTCCAGATTGCT - 3’ |
| R: 5’- TCCTCGCAACAACTCCATGA - 3’ |
| RP11-654G14.1 | F: 5’- TGGAAGCTCCTGTCATCTGC - 3’ |
| R: 5’- GCACAACCACAAGGCGTTAC - 3’ |
| RP11-2A4.3 | F: 5’- AGCGCCTCAAAGCTTCCTAA - 3’ |
| R: 5’- GAGGGCTCACAATAAGCGGT - 3’ |
| RP11-502I4.3 | F: 5’- GAGACTGGTCTTGCTCGCTC - 3’ |
| R: 5’- ACAAAGTGGGGATAACCGGG - 3’ |
| RP11-407H12.8 | F: 5’- TCGAGAGCAGTGATGACCCT - 3’ |
| R: 5’- AAAGCTTTCAACCCCTCCCC - 3’ |
| RP11-116N8.4 | F: 5’- GCCAGCTTTGGAGATGAGTG - 3’ |
| R: 5’- GGCCTCCTGGATCCGTTACA - 3’ |
| RP11-370P15.2 | F: 5’- ATCACAGTTGACCAGGGGA - 3’ |
| R: 5’- AGGGCACATATCCTGACCAC - 3’ |
| RP4-631H13.2 | F: 5’- ATCACAGTTGACCAGGGGA - 3’ |
| R: 5’- AGGGCACATATCCTGACCAC - 3’ |
| CTD-2532K18.1 | F: 5’- CGAGGGCACGGATACAAATG - 3’ |
| R: 5’- TTGAATGAGGAGGTGCGTGG - 3’ |
| GAPDH | F: 5’- AAATTCCATGGCACCGTCAAG - 3’ |
| R: 5’- GGACTCCACGACGTACTCAG - 3’ |

qRT-PCR, quantitative real-time polymerase chain reaction; F, forward; R, reverse.