**Supplementary Table 2**

**Primers used for site-directed sequencing validation**

|  |  |
| --- | --- |
| cDNA | Primers |
| 227G>A | F:5’ CCTTTCCCGCTTCCCATCAT 3’R:5’ ATAGTTCCGGAGGGTGGTCA 3’ |
| 517G>A | F:5’ CTCCGGAACTATGGGATGGG 3’ R:5’ CCAGGGAGTGCTGAGTAGGT 3’ |
| 1009C>T | F:5’ TTCTTTGCGGGGACAGAGAC3’ R:5’ TCATGCACCACAGCATCCAT3’ |
| 1263C>T | F:5’CCCAAGGGCACAGTCGTAG3’ R:5’CTTCTCCAGCACACACTCGT3’ |
| 227G>A+1263C>T | F1:5’ CCTTTCCCGCTTCCCATCAT 3’R1:5’ ATAGTTCCGGAGGGTGGTCA 3’F2:5’CCCAAGGGCACAGTCGTAG3’ R2:5’CTTCTCCAGCACACACTCGT3’ |
| 517G>A+1263C>T | F1:5’ CTCCGGAACTATGGGATGGG 3’ R1:5’ CCAGGGAGTGCTGAGTAGGT 3’F2:5’CCCAAGGGCACAGTCGTAG3’ R2:5’CTTCTCCAGCACACACTCGT3’ |

All primers were 5’-phosphorylated.