

**Table S4**

Relative to 5F7 (kb)	Forward primer (bait)	Reverse primer (target)	TaqMan probe (ligation site)
<b>-101.9</b>	GCATAGGCATGTTCTTTTTTCAAA	GGCTCCCAAATGTTTAGAATCACT	TCTTTAAACAGAAGCAGGCAGGTAGCT <b>GATC</b> CCTA
<b>-22</b>	GCATAGGCATGTTCTTTTTTCAAA	CAGAGAGGTCAGGGTCAGTAAAGC	AGGCAGGTAGCT <b>GATC</b> CCTCTGGTGTGT
<b>-15.1</b>	GCATAGGCATGTTCTTTTTTCAAA	AAGCCTTGCACTGATGAGTATCTG	AGAAGCAGGCAGGTAGCT <b>GATC</b> TGC
<b>1.1</b>	CAGCATAGGCATGTTCTTTTTTCA	CCTTCAGCCCTTGGCTTGA	TTTAAACAGAAGCAGGCAGGTAGCT <b>GATC</b> TAGTCC
<b>3.3</b>	TCTTTAAACAGAAGCAGGCAGGTA	TCAACAGAGGCAGCATGCAT	CT <b>GATC</b> CAGCCTTCATTCTCTGAA
<b>4.4</b>	AGCATAGGCATGTTCTTTTTTCAA	GCAGTTTATGGGCCATGTCA	CAGGCAGGTAGCT <b>GATC</b> TTCTCCTAG
<b>5.8</b>	TCTTTAAACAGAAGCAGGCAGGTA	GGCAACCAGGACCTACAACATC	CT <b>GATC</b> AGGATTCACCCTAGGCCAACTTACGTA
<b>9.7</b>	TCTTTAAACAGAAGCAGGCAGGTA	TGAATGGTGCAGCCCTACAC	CT <b>GATC</b> CACCCAATCCCCTTTAAC
<b>14.5</b>	TCTTTAAACAGAAGCAGGCAGGTA	CCCGAAGGAGGCATCTACAA	CT <b>GATC</b> CAGAAAGGGCTCGGGCA
<b>35.1</b>	TCTTTAAACAGAAGCAGGCAGGTA	AGCCACACAAAGCCATCCAT	CT <b>GATC</b> ATGACAGTTAAGGATTCAAATAGA
<b>54.9</b>	GCATAGGCATGTTCTTTTTTCAAA	CTCCCCCTGGTGGTCTAATCTG	TAAACAGAAGCAGGCAGGTAGCT <b>GATC</b> TGACT