

**Table S6: Primers for Luciferase assays**

Locus coordinates	Primer sequences
<b>DMR1</b> MMU12: 19181482-19182200	F: ggcctctagaGCTAGAGGTCATGGCTGGTG R: ggcctctagaTCTCCCTAGAGCAGGGAACA
<b>DMR2:</b> MMU12: 112600900-112601120	F: ggcctctagaAGGAGCCATAAGAGGCCAAT R: ggcctctagaAAAGGCAGCAAGTTCCTTCA
<b>DMR3:</b> MMU15: 78370350-78370800	F: ggcctctagaTGAGCAAGTAGCACAAGCAGA R: ggcctctagaCTGGTGTACCTGGTGGTGTG
<b>DMR4:</b> MMU1: 39654450-39655100	F: ggcctctagaATCACGGGTCCTGTCAGCTT R: ggcctctagaTCCATTTAAACTGTTTCCTGTTC
<b>DMR5:</b> MMU3: 142351001-142351500	F: ggcgctagcCTGTTTTCTTCGGACCAGC R: ggcgctagcGAGGTCTGCTCACGGTGC
<b>DMR6:</b> MMU17: 39984601-39985700	F: ggcctctagaGGGAGTATGGTTGCAAAGC R: ggcgctagcAACGACCGACTTCCCTACG
<b>Ctrl1:</b> MMU2: 77723600-77723900	F: ggcctctagaGGGTGGAAACAGAACATTGC R: gcctctagagAAATCTCAAGAGCCTCTCACA
<b>Ctrl2:</b> MMU17: 87639700-87640000	F: ggcctctagaCATGGAAGAGGCTTTGCCTA R: ggcctctagaTTGCCTACATCTCCCTGGAC