

Supplementary Table S1 Primers used for *MEI4* variants Sanger sequencing, cloning *MEI4* CDS, and mouse genotyping

Primer name	Primer sequence (5'-3')	Application
<i>MEI4</i> -A899T-F	GGTGCAGCATTATGTCTCTCA	Primers used for Sanger sequencing
<i>MEI4</i> -A899T-R	CTGGAGGGATTAAAGCTGTTCA	
<i>MEI4</i> -C293T-F	ACTACCAGACTGTGACCTCC	
<i>MEI4</i> -C293T-R	AAGAGGCAGTGGTGGAAAGT	
<i>MEI4</i> -C401G-F	TTTGTGGAAAGCTGTACCCC	
<i>MEI4</i> -C401G-R	AGGCTAAGGGACAACAACAGA	
<i>MEI4</i> -C391G-F	TTTGTGGAAAGCTGTACCCC	
<i>MEI4</i> -C391G-R	AGGCTAAGGGACAACAACAGA	
<i>MEI4</i> -A914T-F	ACCCCTTGCCAAGTATTCTCA	
<i>MEI4</i> -A914T-R	TGAGCTCAAAAGAATGCCCAC	
<i>MEI4</i> -C908G-R	ACCCCTTGCCAAGTATTCTCA	Primers used for cloning <i>MEI4</i> CDS
<i>MEI4</i> -C908G-R	TGAGCTCAAAAGAATGCCCAC	
<i>MEI4</i> -homo-F	GCGATCGCATGGATGTTCAAAAATGGTATTTGA	Primers used for mouse genotyping
<i>MEI4</i> -homo-R	ACGCGTTTTTCTAAGAGTTTCTATCTGTGC	
<i>Mei4</i> -mus-F	CTTTGTAGTTCCAGGTACAGCGTTATGTC	
<i>Mei4</i> -mus-R	CCTCCTGGCTGATGCACTTTTCTG	

F, forward; R, reverse