

Table S1.

Primers used in targeting vector construction and genotype analysis

Primer pair*	Purpose	Sequence, 5'-3'
①	amplification 7.47 kb arm	TAGCGGCCGCACCTGTATCGCCTTGGCAAGAAGAAGGGAC TAGGCGCGCCACCCCTAGAAGGATCATTTAAGGGAACGAGCC
②	amplification 2.06 kb arm	GCGGTACCCGTGGATCTGAGGATGCACTGTGTTCGG GCGAATTCGTGCCCTAGTGAGCTGCCACCCCAATTCATC
③	amplification 2.45 kb arm	GAGGATCCGGATGAAATGGGGTGGCAGCTC GAGGATCCTAGGTGCCTTCACCGAGCAAGG
④	amplification probe a, 0.75 kb	CCAAGAACCCATAGCTTCCCATC TCAGACAACCTGTTACGGTGTTCGTG
⑤	amplification probe b, 0.70 kb	CCTTCGTGAGGAAAATCTCTCTGTC GATAGTGTGTAGTGGTAGGAGGCG
⑥	assay for homol. rec. in ES cells	CGGTGGATGTGGAATGTGTGCGAGG GGTGGCTAAGGATGCGGCTGTAGGC
⑦	assay for <i>Dicer1</i> ^c allele	CGTGCTGTGGAGGGCAGTG GCAGGAAGTTCTGAGGAAAACCG
⑧	assay for <i>Dicer1</i> ^c allele	TCCTTCTAGGGGTGGCGCGCC CCGCCACTGGGACCACCTGGC

*see Fig S1 for position