

Figure S3

A. 5' loxP Site in *Mbd2* putative founder:

ssODN donor sequence

sgRNA

BamHI

loxP

sgRNA

AGTTCTCAGCAGTGAGCTGTGTGTGCAGTAGCAGCATGCGCAGCACGGATCCATAACTTCGTATAGCATAACATTATACGAAGTTATTTTCGGTGTAAAG

AGTTCTCAGCAGTGAGCTGTGTGTGCAGTA-----GCATACATTATACGAAGTTATTTTCGGTGTAAAG

Genomic loxP site sequence

B. 5' loxP Site in *Il1r1* putative founders:

ssODN donor sequence

sgRNA

BamHI

loxP

sgRNA

CATTAGAACAATGAGTAATTGCTCGATGCAGTAATTGCTCGATGCGGATCCATAACTTCGTATAGCATAACATTATACGAAGTTATTCCTCTGGGATTAAG

CATTAGAACAATGAGTAATTGCTCGATGCAGTAATTGCTCGATGCGGATCCATAACTTCATATAGCATAACATTATACGAAGTTATTCCTCTGGGATTAAG

CATTAGAACAATGAGTAATTGCTCGATGCAGTAATTGCTCGATGCGGATCCATAACTTCGTATA-C-TACATTATACGAAGTTATTCCTCTGGGATTAAG

CATTAGAACAATGAGTAATTGCTCGATGCAGTAATTGCTCGATGCGGA-CCATAACTTCGTATAGCATAACATTATACGAAGTTATTCCTCTGGGATTAAG

Genomic loxP site sequences: 3 different founders