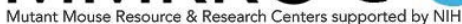


Mouse PCR Protocol (version 1)

Selection Cassette: L1L2_Bact_P



C57BL/6N-Polmtm1a(KOMP)Wtsi/BayMmucd

reaction volume

25

finished

CSD-loxF: GAGATGGCGCAACGCAATTAATG

CSD-Polm-F: TTGAGGAGACTAAAGGAGCCTGTGC

Genotype	Forward Primer	Reverse Primer	Amplicon size (bp)
Floxed	CSD-loxF	CSD-Polm-R	230
PreCre	CSD-neoF	CSD-Polm-ttR	532
PostCre	CSD-lacF	CSD-Polm-R	528
Wildtype	CSD-Polm-F	CSD-Polm-ttR	486
PostFlp	CSD-Polm-F	CSD-Polm-ttR	601
PostFlp & Cre	CSD-Polm-F	CSD-Polm-R	592

We recommend running primers singleplex. For screening of pups prior to any Flp or Cre recombination, the Floxed or PreCre primers may be used to identify the mutant mice. The Floxed primers test for the distal LoxP site. The PostCre primers should be used if mutant mice were crossed with a Cre recombinase line (without any FLP recombination). The PostFlp primers should be used if mutant mice were crossed with a Flp recombinase line. The PostFlp & Cre primers should be used if mutant mice were crossed with a Flp recombinase line and then a Cre recombinase line. The wildtype primers should be used for zygosity testing of all mutant mice (pre or post recombination).