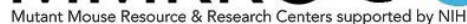


Mouse PCR Protocol (version 1)

Selection Cassette: L1L2_Bact_P



Mmucd

Temperature °C	Time	
94	5 min	
94	15 sec	10X (decrease 1°C/cycle)
65	30 sec	
72	40 sec	
94	15 sec	30X
55	30 sec	
72	40 sec	
72	5 min	
4	finished	

[illegible]

CSD-C4bp-R:	TGATGTGCTCACTCCCAGACAAAGG
CSD-C4bp-ttR:	TCTGAACAGACACCATGACCAAGGG
CSD-C4bp-F:	GACTGAAGGGGTCATGCAAAGAAGC

Genotype	Forward Primer	Reverse Primer	Amplicon size (bp)
Floxed	CSD-loxF	CSD-C4bp-R	275
PreCre	CSD-neoF	CSD-C4bp-ttR	533
PostCre	CSD-lacF	CSD-C4bp-R	573
Wildtype	CSD-C4bp-F	CSD-C4bp-ttR	467
PostFlp	CSD-C4bp-F	CSD-C4bp-ttR	589
PostFlp & Cre	CSD-C4bp-F	CSD-C4bp-R	624

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).