

PCR protocol for the Il1-R1 floxed mouse

<u>PCR Mix</u>	DNA	2µl
	BUFFER (10X)	5 µl
	MgCl ₂ (50mM)	2 µl
	dNTPs (10mM)	1 µl
	Primer F (5 µM)	1 µl
	Primer R (5 µM)	1 µl
	Taq (5U/µl)	0.2 µl
	H ₂ O	
	Total Volume:	50 µl

PCR PROGRAM

1. 95.0° C 5 min
2. 95.0° C 30 sec
3. 60.0° C 30 sec
4. 72.0° C 1 min (go back to step 2. For 34 cycles)
5. 72.0° C 10min

PRIMERS

Forward: 5' – CTAGTCTGGTGGAACTTACATGC – 3'
Reverse: 5' – AACTGAAAGCTCAGTTGTATACAGC – 3'

BAND SIZES

WT: 267 bp
Il1-R1^{+/fl}: 267 bp + 432 bp
Il1-R1^{fl/fl}: 432 bp