

PCR for AUF1floxed

PCR REACTION:

<u>Auf1fl PCR</u>	DNA	1
	BUFFER (10X)	2
	MgCl ₂ (25mM)	1,5
	dNTPs (2.5mM)	1
	Primer 1	0,5
	Primer 3	0,5
	Primer 2	1
	Taq	0,3
	H ₂ O	12,2
	Total Volume:	20

PCR PROGRAM

AUF

1. 94° C 3min
 For 30 cycles
2. 93° C 45sec
3. 56.0° C 45sec
4. 72° C 45sec

5. 72° C 10min
6. 16° C 4min

Primers

1. 5' TGT TTA CAT GAT GAC TGT GG-3'
2. 5' GGC AAG ATG CTA GTC TGT CC- 3'
3. 5' AAA TAA GAG AGT ACT TTG GTG G -3'

Primer 1: Binds upstream x3 of hnRNPD genomic locus. Use for detection of Loxp1 of targeted locus

Primer 3: Binds to exon 4 of genomic hnRNPD locus and also in AUF1 Cdna

Band Sizes:

fl: 803bp

wt: 764 bp