



$Nf2^{lox2}$ allele

$Nf2^{\Delta 2}$ allele

from Giovannini M et al., 2000 *Genes & Development*

PCR analysis Nf2F mutant: presence of LoxP after exon 2

Primers around LoxP site after exon 2 of Nf2:

Forward pr. (P4): CTT CCC AgA CAA gCA ggg TTC

Reverse pr. (P5): gAA ggC AgC TTC CTT AAg TC

DNA	1 μ l
PCR buffer (10x)	2 μ l
dNTPs (2mM)	2 μ l
MgCl ₂	1 μ l
P4 (10uM)	1 μ l
P5 (10uM)	1 μ l
rTaq	0.2 μ l
H ₂ O	11.8 μ l +
	<hr/> 20 μ l

PCR program:

5 min	94C	
30 sec	94C	\
30 sec	58C	32 cycles
50 sec	72C	/
5 min	68C	

Bands:

Mutant: 442 bp

Wildtype: 305 bp