

IFN γ R2 flox/wt PCR

	1	10	20	25	40	70
H2O	17,3	173	346	433	692	1211
10x buffer with MgCl ₂	2,5	25	50	62,5	100	175
50mM MgCl ₂	1	10	20	26	40	70
dntp 25mmolar	0,2	2	4	5	8	14
Primer LoxP1 , 10pmol/ μ l	1	10	20	25	40	70
Primer LoxPsite , 10pmol/ μ l	1	10	20	25	40	70
Primer LoxP2 , 10pmol/ μ l	1	10	20	25	40	70
Taq 1u/ μ l	0,25	2,5	5	6,25	10	17,5
Sum MM	24,25					
+ DNA	0,75					

IFNγR2 LoxP1	5' – TGA GTT CCA AGC AAG ACA GA – 3'	aneal temp	61
IFNγR2 LoxPsite	5' – AAG TTA TGG TCT GAG CTC GC – 3'		62
IFNγR2 LoxP2	5' – CAG GGT AGA AAA GAT GTG CA – 3'		60
IFN γ R2 flox : 392bp and 191 bp			
IFN γ R2 WT: 358 bp			

IFNγR2 delta 1	5' – TGA GTT CCA AGC AAG ACA GAG CC – 3'	aneal temp	59
IFNγR2 delta 2	5' – GTA GAA TGC GGC CGC GTT TA – 3'		58
IFN γ R2 delta allele (delta 1 + 2): 278bp			

IFNγR2 WT 1	5' – CCC ATC TGT CCC TCT GCT TGT – 3'		59
IFNγR2 WT 2	5' – AGA GCC CAT GTG GTC GGA TT – 3'		59
IFN γ R2 WT allele (WT 1 + 2): 198 bp			

95 ⁰ C	5min	
95 ⁰ C	30 s	
58 ⁰ C	40 s	35X
72 ⁰ C	45 s	
72 ⁰ C	10min	
4 ⁰ C	for ever	