

Kit/Enzyme: Vazyme 2 x Phanta Flash

Tarih: 06.02.25

PCR ID: 27807 Snca flox

PCR Mix		
	Reagent	µl
	dH2O	y
	2 x Phanta Flash Master Mix	6,25
25mM	Mg	
5M	Betaine	
	DMSO	
10mM	dNTP	
	Taq	
12,5 µM	Primer F	1
12,5 µM	Primer R	1
	Alq	8,25 + y
x ng/µl	DNA	z

Primer	Samples
Forward: AAG AGC TAG TGG TGG GCA GA	206
Reverse: GCT GGG CAC AGT GTT GAT TG	PC (S1)
	NC (4)
	NTC
Product Size:	Mutant = ~440 bp
	Heterozygote = ~440 bp & 390 bp
	Wild type = 390 bp

Sample DNA			
Sample Name	Conc. (x) ng/µl	Vol in PCR (z)	dH2O in PCR (y)
206		4,00	12,75
PC (S1)	5,3	3,77	12,98
NC (4)	20	1,00	15,75
NTC	0	0,00	16,75

8,25+y+z= 25 µl

PCR Condition	Program:
initial denaturation: 98°C	30 sec
35 cycle	
denaturation: 98°C	30 sec
annealing: 63 °C	5 sec
extension: 72°C	1 sec
Final Extension	
72°C	1 min

Notes
2% agarose gel / 110 V - 60 mins

