

Kit/Enzyme: Vazyme 2 x Phanta Flash Master Mix

Tarih: 20.01.25  
PCR ID: MMRRC-Drd1a-Cre029178

PCR Mix		
	Reagent	µl
	dH2O	7
	2 x Phanta Flash Master Mix	10
25mM	Mg	0
5M	Betaine	0
	DMSO	0
10mM	dNTP	0
	Taq	0
10µM	Primer_F	1
10µM	Primer_R	1
	Alq	19
20 ng/µl	DNA	1

Sample DNA			
Sample Name	Conc. (x)	Vol in Mix	dH2O in Mix
229		4 µl	4 µl
230		4 µl	4 µl
231		4 µl	4 µl
232		4 µl	4 µl
233		4 µl	4 µl
234		4 µl	4 µl
235		4 µl	4 µl
236		4 µl	4 µl
PC (#1)	20 ng/µl	1 µl	7 µl
NC (#4)	20 ng/µl	1 µl	7 µl
NTC	0	0	8 µl

Primer (5'-3')	Samples	
Drd1a forward: GCTATGGAGATGCTCCTGATGGAA	229	
Cre reverse: CGGCAAACGGACAGAAGCATT	230	
	231	
	232	
	233	
	234	
	235	
	236	
Product Size:	340 bp	

PCR Condition	Program:
initial denaturation: 94°C	2 mins
35 cycle	
denaturation: 94°C	15 sec
annealing: 60°C	15 sec
extension: 68°C	20 sec
Hold	
4°C	Hold

Notes
Agarose: 2%
V: 110V / 60 min

