

Kit/Enzyme: Vazyme 2 x Phanta Flash Master Mix

Tarih: 26.09.25
PCR ID: MMRRC-Drd1a-Cre029178

PCR Mix		
	Reagent	µl
	dH2O	y
	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	12
20 ng/µl	DNA	x

Primer (5'-3')	Samples
Drd1a forward: GCTATGGAGATGCTCTGATGGAA	383
Cre reverse 2: CGGCAAACGGACAGAAGCATT	384
	385
	386
	387
	388
	394
	395
	396
	397
	398
	399
	400
	401
	402
Product Size:	340 bp

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

Sample DNA			
Sample Name	Conc. (x)	Vol in Mix	dH2O in Mix
383		4 µl	4 µl
384		4 µl	4 µl
385		4 µl	4 µl
386		4 µl	4 µl
387		4 µl	4 µl
388		4 µl	4 µl
394		4 µl	4 µl
395		4 µl	4 µl
396		4 µl	4 µl
397		4 µl	4 µl
398		4 µl	4 µl
399		4 µl	4 µl
400		4 µl	4 µl
401		4 µl	4 µl
402		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

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

x+y=8

