

# Kapa HiFi-Teagasc

THURSDAY, 01/08/2019

Running second round products on 0.8% TAE gel, at 80 constant voltage. See Kapa robust 1/8/199

FRIDAY, 02/08/2019

Taking first round products, generated using Kapa HiFi under Paulina's cycling conditions, in Galway July entry

Will create

FM03

FM21

MIC190033

MIC181102

+ Negatives

V8 and V9

V8-N2-Kapa HiFi, NGS primers

V9-N2\_kapa Robust, NGS primers

V8- Kapa HiFi second round, using G-N1-Kapa HiFi Paulina's cycling con... ^

	A	neat	GI NGS	GII NGS
1	reactions	<u>1</u> x	<u>3</u>	<u>3</u>
2	template	1		
3	FW	2.5	7.5	7.5
4	Rev	2.5	7.5	7.5
5	mix	12.5	37.5	37.5
6	dh20	6.5	19.5	19.5

V8: Kapa HiFi conditions NGS adapter primers Kapa HiFi product Paulin... ^

	step description	Temp	Time	cycles
1	preheating	95	3:00	1
2	denaturation	95	00:30	25
3	annealing	55	00:30	
4	extension	72	00:30	
5	final extension	72	01:00	1
6	hold	4	∞	∞

Kapa robust first three products, kapa hifi last three products. V8 and V9

100bp promega benchtop ladder at three and five microliters and 1kb ladder from Fiona at five and three microliters

As beore robust loaded as five microliters as dye already present but hifi loaded as three microliteres product and 2 of six x

loading dye.

📎 image.png

