

Reaction Conditions - TR3G2

RXN #1 Ta = 50			Cocktail Volume (uL)	1130	
Reagent	[]	[] Units	Desired []	Des'd [] Units	Amount to add
Buffer		10 X		1 X	113
dNTP's		2 mM Each		0.2 mM Each	113
MgCl2		50 mM		1.5 mM	33.9
TR3G2-F-HEX		10 uM		0.06 uM	6.78
TR3G2-R		10 uM		0.06 uM	6.78
RW217-F-6FAM		20 uM		0.18 uM	10.17
RW217-R		20 uM		0.18 uM	10.17
Taq		5 U/uL		0.05 U/uL	11.3
DNA		5 ng/uL		10 ng/rxn (2 uL/rxn)	226
Autoclaved ddH2O			to 1130 uL		598.9
					1130

Dilute 2.5 ul of PCR product with 17.5 ul of water

Use PCR Cycles PROPDNR			
5 min	@		94
30 sec	@		94
1 min	@		50
1 min	@		72
45 min	@		60

Is a 10ul reaction volume

TR3G2 Scoring Criteria

- Score the +A
- Allele bins are odd

