

Reaction Conditions - TR3G1

RXN#1			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
TR3G1-6FAM	20	uM		0.255 uM	14.4075
TR3G1-R	20	uM		0.255 uM	14.4075
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		603.985
					1130

TR3G1 Scoring Criteria

- Allele bins are even
- Score the +A

