

Reaction Conditions - TR3F7

RXN #1				Cocktail Volume (uL)	1695.00	PCR Cycles			
Reagent	[]	[] Units	Desired []	Des'd [] Units	Amount to add				
Buffer	10	X		1 X	169.50	5 min	@	94	
dNTP's	2	mM Each		0.2 mM Each	169.50	30 sec	@	94	
MgCl2	50	mM		1.5 mM	50.85	30 sec	@	65	5X
TR3F7-F-HEX	46	uM		0.6 uM	22.11	1 min	@	72	
TR3F7-R	46	uM		0.6 uM	22.11	30 sec	@	94	
Taq	5	U/uL		0.1 U/uL	33.90	30 sec	@	64	5X
DNA	5	ng/uL		10 ng/rxn (2 uL/rxn)	226.00	1 min	@	72	
Autoclaved ddH2O			to 1130 uL		1001.03	30 sec	@	94	
					1695.00	30 sec	@	63	5X
						1 min	@	72	
						30 sec	@	94	
						30 sec	@	62	5X
Dilute 2 ul of PCR product in 18 ul of water prior to de-salting						1 min	@	72	
						30 sec	@	94	
						30 sec	@	61	10X
						1 min	@	72	
						10 min	@	72	
						Is a 15 ul reaction			

TR3F7 Scoring Criteria

- I do not currently have pictures/data for this locus