

Reaction Conditions - RW25

RXN #1				Cocktail Volume (uL)	1130	Use PCR Cycles PROPDNR			
Reagent	[]	[] Units	Desired []	Des'd [] Units	Amount to add				
Buffer	10	X		1 X	113	5 min	@	94	
dNTP's	2	mM Each	0.2	mM Each	113	30 sec	@	94	
MgCl2	50	mM	1.5	mM	33.9	1 min	@	54	29 X
Q-solution	5	X	1	X	226	1 min	@	72	
RW25-F-6FAM	40	uM	0.35	uM	9.8875	45 min	@	60	
RW25-R	40	uM	0.35	uM	9.8875	Is a 10ul reaction volume			
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		387.025				
					1130				
Combine 2 ul of product with 25 ul of water									

RW25 Scoring Criteria

- Allele bins are odd
- Score the +A

