Reaction Conditions - TexVet19

RXN #1 Ta = 55		144 14 1		Cocktail Volume (uL)	1130	Use PC	R Cycles	PROPDNR			
Reagent	[]	[] Units	Desired []	Des'd [] Units	Amount to add	5 min	@		94		
Buffer	10	X	1	X	113	30 sec	@		94		
dNTP's	2	mM Each	0.2	mM Each	113	1 min	@		55	30 X	
MgCl2	50	mM	1.5	mM	33.9	1 min	@		72		
RW219-F-NED	20	uM	0.18	uM	10.17	45 min	@		60		1
RW219-R		uM	0.18	uM	10.17						
TV19-F-6FAM		uM	0.1	uM	11.3	Is a 10u	I reaction	volume			
TV19-R		uM	0.1		11.3						
RW48-F-HEX	20	uM	0.1	uM	5.65						
RW48-R		uM	0.1	uM	5.65						
Taq		U/uL	0.05	U/uL	11.3						
			10	ng/rxn (2 uL/rxn)	226						
DNA	0	ng/uL	10	rig/txtt (Z uc/txtt)							
DNA Autoclaved ddH2O	5	ng/uL	to 1130 uL	ng/ixii (2 dc/ixii)	578.56						
			to 1130 uL	TIGITATI (Z GLITATI)	578.56 1130						
Autoclaved ddH2O Dilute 3 ul of PCR p			to 1130 uL		1130	Line BCI	B. Cyroleo	DRODDING			
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60		with 12 ul d	to 1130 uL	Cocktail Volume (uL)	1130		R Cycles	PROPDNR	0.4		
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent	roduct	with 12 ul o	to 1130 uL of water Desired []	Cocktail Volume (uL) Des'd [] Units	1130 Amount to add	5 min	@	PROPDNR	94		
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer	roduct	with 12 ul o	of water Desired []	Cocktail Volume (uL) Des'd [] Units X	1130 Amount to add	5 min 30 sec	@	PROPDNR	94	20 V	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer BNTP's	roduct	with 12 ul o	to 1130 uL of water Desired [] 1 0.2	Cocktail Volume (uL) Des'd [] Units X mM Each	1130 Amount to add 113 113	5 min 30 sec 1 min	@ @ @	PROPDNR	60	30 X	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer dhTP's MgCl2	roduct []	with 12 ul o	to 1130 uL of water Desired [] 1 0.2 1.5	Cocktail Volume (uL) Des'd [] Units X mM Each mM	1130 Amount to add 113 113 33.9	5 min 30 sec 1 min 1 min	@ @ @	PROPDNR	60 72	30 X	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer JNTP's MgCl2 RW18-F-HEX	[] 10 2 50 10	with 12 ul of [] Units X mM Each mM uM	to 1130 uL of water Desired []	Cocktail Volume (uL) Des'd [] Units X mM Each mM	1130 Amount to add 113 113 33.9 9.04	5 min 30 sec 1 min	@ @ @	PROPDNR	60	30 X	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer BMTP's MGC!2 RW18-F-HEX RW18-R	[] 10 2 50 10	[] Units X mM Each mM uM	Desired [] 1 0.2 1.5 0.08 0.08	Cocktail Volume (uL) Des'd [] Units X mM Each mM uM	1130 Amount to add 113 113 33.9 9.04 9.04	5 min 30 sec 1 min 1 min 45 min	@ @ @		60 72	30 X	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer dNTP's MgCI2 RW18-F-HEX RW18-R Tag	[] 10 2 50 10 10 5	[] Units X mM Each mM uM uM U/uL	Desired [] 0.2 1.5 0.08 0.08 0.05	Cocktail Volume (uL) Des'd [] Units X mM Each mM uM UM U/UL	1130 Amount to add 113 113 33.9 9.04 9.04	5 min 30 sec 1 min 1 min 45 min	@ @ @		60 72	30 X	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer ddH2O Reagent Buffer ddH2O RW18-F-HEX RW18-F Taq DNA	[] 10 2 50 10 10 5	[] Units X mM Each mM uM	Desired [] 0.2 0.08 0.08 0.05 10	Cocktail Volume (uL) Des'd [] Units X mM Each mM uM	1130 Amount to add 113 113 33.9 9.04 9.04 11.3 226	5 min 30 sec 1 min 1 min 45 min	@ @ @		60 72	30 X	
Autoclaved ddH2O Dilute 3 ul of PCR p RXN #2 Ta = 60 Reagent Buffer dNTP's MgCI2 RW18-F-HEX RW18-R Tag	[] 10 2 50 10 10 5	[] Units X mM Each mM uM uM U/uL	Desired [] 0.2 1.5 0.08 0.08 0.05	Cocktail Volume (uL) Des'd [] Units X mM Each mM uM UM U/UL	1130 Amount to add 113 113 33.9 9.04 9.04	5 min 30 sec 1 min 1 min 45 min	@ @ @		60 72	30 X	

TexVet19 Scoring Criteria

- Allele bins are odd
- Score the +A, although you rarely see the allele

