PCR: Chr5 of C3H/HeJarc, C3H.PRI-Flvr & C3h.PRI-Dihthigh Mice

Amplifluor: No

Primers

Nucleotide sequence (5` --> 3`)

Primer	Sequence
D5Mit41	CTCATGTCCTAGAGCATAGCTGGGGGTAATCCAATACACTGAATGTC
D5Mit138	AGACAGTTACCTTCTTCCCAAGGTGTTTCTCCCTTCTGCCATC

Reagents

Reagents/Constituents	Commercial name	Stock Concentration	Volume (µL)
DNA Sample		20.0 ng/µl	1.0
10x Buffer			1.0
dNTPs		2.0 mM	0.5
Primer: **D5Mit41**		5.0 µM	
Primer: **D5Mit138**		5.0 µM	
Water			5.56
Taq Polymerase			0.04
Reagent: MgCI2 50mM			0.3

Strategy

Steps	Temp (°C)	Time (seconds)
Hot start: **No**		
Initiation/Melting	95.0	300
Denaturation	94.0	30
Annealing	55.0	60
Elongation	72.0	60
Number of cycles (repeat denature, anneal & elgonate): **35**		
Strand completion (i.e. 72°C, 10 min)		
Finish (i.e. 4°C, indefinite)	4.0	

Electrophoresis

Running buffer:	
% Agarose:	
Volt:	
Estimated running time (min):	