



Animal Genetic Monitoring Report

Client Details:

Laboratory Animal Services Centre
The Chinese University of Hong Kong

Test Details:

Species: Rat
Sample No: 16
Testing Laboratory: Australian Genome Research Facility
(for DNA extraction and Genotyping)

Report issue date: 13-July-2017

Strain	Testing Method	Testing Date	Results
SHR	Rat 44 SNP	26-June-2017	0 / 7
WKY	Rat 44 SNP	26-June-2017	0 / 8

Notes:

Results are presented as the # discrepant / # animals tested on the testing date
1 of the SHR sample failed to amplify

A 44 marker single nucleotide polymorphism (SNP) panel was used to compare allelic profiles of the test animals to previously established reference strains.

The allelic profiles of animals tested matched 100% with the reference strain indicating no genetic contamination.



Report approved by: Patrick Sharp; DVM, MRCVS, DACLAM
Chief Executive Officer
Animal Resources Authority

To discuss the report, please contact Ibrahim Faseeh at ifaseeh@arc.wa.gov.au

Strain 1: SHR

Marker	Expected	Sample ID							
		A1	B1	C1	D1	E1	F1	G1	H1
Marker 1	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 2	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 3	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 4	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 5	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 6	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 7	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 8	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 9	GG	GG	GG	GG	Fail	GG	GG	GG	GG
Marker 10	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 11	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 12	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 13	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 14	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 15	GG	GG	GG	GG	Fail	GG	GG	GG	GG
Marker 16	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 17	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 18	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 19	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 20	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 21	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 22	GG	GG	GG	GG	Fail	GG	GG	GG	GG
Marker 23	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 24	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 25	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 26	GG	GG	GG	GG	Fail	GG	GG	GG	GG
Marker 27	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 28	GG	GG	GG	GG	Fail	GG	GG	GG	GG
Marker 29	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 30	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 31	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 32	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 33	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 34	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 35	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 36	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 37	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 38	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 39	CC	CC	CC	CC	Fail	CC	CC	CC	CC
Marker 40	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 41	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 42	AA	AA	AA	AA	Fail	AA	AA	AA	AA
Marker 43	TT	TT	TT	TT	Fail	TT	TT	TT	TT
Marker 44	AA	AA	AA	AA	Fail	AA	AA	AA	AA

