

Genetic Monitoring Report

Test Report Date: December 2017



 Location: North America ^a	 Genetic Monitoring Results			 Species: Mouse	
Model	Most Recent Test Date	Recent Results Tested/Passed	Historical Results ^b Tested/Passed	Test Frequency	Number of SNP Markers Tested
A/JOlaHsd	1-Sep-17	36 / 36	261 / 261	Quarterly	48
BALB/cAnNHsd	1-Sep-17	32 / 32	349 / 349	Quarterly	48
BKS.Cg-+Lepr ^{db} /+Lepr ^{db} /OlaHsd	1-Sep-17	39 / 39	236 / 236	Quarterly	48
C3H/HeNHsd	1-Sep-17	7 / 7	160 / 160	Quarterly	48
C57BL/6BrdCrHsd-Tyr ^c	1-Sep-17	49 / 49	194 / 194	Quarterly	48
C57BL/6NHsd	1-Sep-17	56 / 56	578 / 578	Quarterly	48
CBA/JCrHsd	1-Sep-17	35 / 35	215 / 215	Quarterly	48
DBA/1OlaHsd	1-Sep-17	15 / 15	180 / 180	Quarterly	48
DBA/2NHsd	1-Sep-17	8 / 8	167 / 167	Quarterly	48
FVB/NHsd	1-Sep-17	23 / 23	97 / 97	Quarterly	48
SJL/JCrHsd	1-Sep-17	15 / 15	244 / 244	Quarterly	48
C.B-17/lcrHsd-Prkdc ^{scid}	1-Mar-17	0 / 0	94 / 94	Annually	48
C.B-17/lcrHsd-Prkdc ^{scid} Lyst ^{bg-J}	1-Mar-17	0 / 0	82 / 82	Annually	48
NOD.Cg-Prkdc ^{scid} Hr ^{hr} /NCrHsd	1-Mar-17	0 / 0	55 / 55	Annually	48
NOD.CB17-Prkdc ^{scid} /NCrHsd	1-Mar-17	0 / 0	15 / 15	Annually	48
Hsd:ICR(CD-1 ^e)	1-Apr-17	0 / 0	240 / 240	Annually	96
Hsd:Athymic nude-Foxn1 ^{nu}	1-Apr-17	0 / 0	240 / 240	Annually	96

Testing Laboratory: Bionomics Research Technology Center, Piscataway, NJ

Inbred strains at each production location have been tested using a custom panel of 48 Single Nucleotide Polymorphism (SNP) markers. Tests are conducted quarterly on all new inbred foundation colony breeding cages in non-isolator bred colonies. Tests are conducted on all foundation colony cages in newly populated isolator bred colonies, and then five (5) foundation colony breeder cages annually thereafter. Select outbred stocks at each production location have been tested using a custom panel of 96 Single Nucleotide Polymorphism (SNP) markers. Tests are conducted annually on select outbred colonies.

Report Notes:

- ^a North America results include testing from United States and Mexico facilities
- ^b Historical results include 18 months of cumulative data



Sheryl Wildt, MS, MBA, CMAR
Global Manager of Genetic Quality and Breeding



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Model	Most Recent Test Date	Recent Results Tested/Passed	Historical Results ^b Tested/Passed	Test Frequency	Number of SNP Markers Tested
ACI/SegHsd	1-Dec-17	8 / 8	66 / 66	Quarterly	48
BN/RijHsd	1-Dec-17	13 / 13	79 / 79	Quarterly	48
DA/OlaHsd	1-Dec-17	6 / 6	144 / 144	Quarterly	48
F344/NHsd	1-Dec-17	29 / 29	290 / 290	Quarterly	48
LEW/SsNHsd	1-Dec-17	59 / 59	221 / 221	Quarterly	48
SR/JrHsd	1-Dec-17	18 / 18	47 / 47	Quarterly	48
SS/JrHsd	1-Dec-17	13 / 13	63 / 63	Quarterly	48
SHR/JrHsd	1-Dec-17	4 / 4	47 / 47	Quarterly	48
WF/NHsd	1-Dec-17	18 / 18	40 / 40	Quarterly	48
WKY/NHsd	1-Dec-17	14 / 14	61 / 61	Quarterly	48
Hsd:Sprague Dawley [®] SD [®]	1-Sep-17	336 / 336	672 / 672	Annually	96
RccHan [®] :WIST	1-Sep-17	96 / 96	192 / 192	Annually	96
HsdBlu:LE	1-Sep-17	144 / 144	288 / 288	Annually	96
Hsd:RH-Foxn1 ^{mu}	1-Sep-17	96 / 96	192 / 192	Annually	96

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