




Genetic Monitoring Report

Test Report Date: September 2017

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ENVIGO

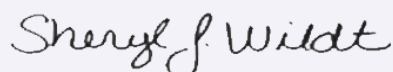
 Location: North America ^a	 Genetic Monitoring Results			 Species: Mouse	
Model	Most Recent Test Date	Recent Results Tested/Passed	Historical Results ^b Tested/Passed	Test Frequency	Number of SNP Markers Tested
A/JOlaHsd	1-Sep-17	58 / 58	257 / 257	Quarterly	48
BALB/cAnNHsd	1-Sep-17	41 / 41	405 / 405	Quarterly	48
BKS.Cg-+Lepr ^{db} /+Lepr ^{db} /OlaHsd	1-Sep-17	23 / 23	231 / 231	Quarterly	48
C3H/HeNHsd	1-Sep-17	13 / 13	169 / 169	Quarterly	48
C57BL/6BrdCrHsd-Tyr ^c	1-Sep-17	4 / 4	153 / 153	Quarterly	48
C57BL/6NHsd	1-Sep-17	86 / 86	595 / 595	Quarterly	48
CBA/JCrHsd	1-Sep-17	7 / 7	221 / 221	Quarterly	48
DBA/1OlaHsd	1-Sep-17	8 / 8	202 / 202	Quarterly	48
DBA/2NHsd	1-Sep-17	24 / 24	183 / 183	Quarterly	48
FVB/NHsd	1-Sep-17	8 / 8	79 / 79	Quarterly	48
SJL/JCrHSd	1-Sep-17	64 / 64	250 / 250	Quarterly	48
C.B-17/lcrHsd-Prkdc ^{scid}	1-Mar-17	0 / 0	136 / 136	Annually	48
C.B-17/lcrHsd-Prkdc ^{scid} Lyst ^{bg-J}	1-Mar-17	0 / 0	132 / 132	Annually	48
NOD.Cg-Prkdc ^{scid} Hr ^{hr} /NCrHsd	1-Mar-17	0 / 0	107 / 107	Annually	48
NOD.CB17-Prkdc ^{scid} /NCrHsd	1-Mar-17	0 / 0	67 / 67	Annually	48
Hsd:ICR(CD-1®)	1-Apr-17	0 / 0	480 / 480	Annually	96
Hsd:Athymic nude-Foxn1 ^{nu}	1-Apr-17	0 / 0	480 / 480	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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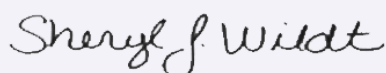
 Location: North America ^a	 Genetic Monitoring Results			 Species: Rat	
Model	Most Recent Test Date	Recent Results Tested/Passed	Historical Results ^b Tested/Passed	Test Frequency	Number of SNP Markers Tested
ACI/SegHsd	1-Sep-17	12 / 12	67 / 67	Quarterly	48
BN/RijHsd	1-Sep-17	27 / 27	90 / 90	Quarterly	48
DA/OlaHsd	1-Sep-17	24 / 24	174 / 174	Quarterly	48
F344/NHsd	1-Sep-17	25 / 25	325 / 325	Quarterly	48
LEW/SsNHsd	1-Sep-17	25 / 25	191 / 191	Quarterly	48
SR/JrHsd	1-Sep-17	8 / 8	29 / 29	Quarterly	48
SS/JrHsd	1-Sep-17	15 / 15	63 / 63	Quarterly	48
SHR/JrHsd	1-Sep-17	25 / 25	48 / 48	Quarterly	48
WF/NHsd	1-Sep-17	0 / 0	22 / 22	Quarterly	48
WKY/NHsd	1-Sep-17	19 / 19	59 / 59	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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