

Genetic Background Monitoring Report

No.: 090525-0623

BRC No.: RBRC01402

Strain Name: C3.129P2(B6)-Nfe2l2<tm1Mym>

Strain Type: Mutant Strain

Strain of origin: 129P2/OlaHsd

Donor strain: B6.129P2-Nfe2l2<tm1Yin>

Background Strain: C3H/HeNCrj

Date: 2009/5/25

Locus	Type	ID of animals surveyed		S00140104
		(Generation ¹) / Sex		(N13)
		Location ²		Male
1	D1Mit123	SSLP	Chr1:39150572-39150703	C3/C3
2	D1Mit251	SSLP	Chr1:70413813-70414004	C3/C3
3	D1Mit387	SSLP	Chr1:117229213-117229337	C3/C3
6	D1Mit155	SSLP	Chr1:196255163-196255414	C3/C3
10	D2Mit51	SSLP	Chr2:Syntenic	C3/C3
11	D3Mit164	SSLP	Chr3:7521114-7521248	C3/C3
12	D3Mit333	SSLP	Chr3:44511652-44511774	C3/C3
14	D3Mit14	SSLP	Chr3:131693820-131693987	C3/C3
15	D3Mit19	SSLP	Chr3:Syntenic	C3/C3
17	D4Mit111	SSLP	Chr4:53563711-53563839	C3/C3
18	D4Mit26	SSLP	Chr4:Syntenic	C3/C3
19	D4Mit203	SSLP	Chr4:129249262-129249366	C3/C3
20	D4Mit33	SSLP	Chr4:149966385-149966510	C3/C3
21	D5Mit193	SSLP	Chr5:4232826-4232961	C3/C3
22	D5Mit81	SSLP	Chr5:50722564-50722773	C3/C3
23	D5Mit398	SSLP	Chr5:89700063-89700172	C3/C3
24	D5Mit240	SSLP	Chr5:109519777-109519926	C3/C3
25	D5Mit292	SSLP	Chr5:141162992-141163102	C3/C3
27	D6Mit74	SSLP	Chr6:48676555-48676704	C3/C3
28	D6Mit102	SSLP	Chr6:93413943-93414087	C3/C3
29	D6Mit254	SSLP	Chr6:125306664-125306803	C3/C3
34	D7Mit66	SSLP	Chr7:127029510-127029671	C3/C3
37	D8Mit249	SSLP	Chr8:83463446-83463595	C3/C3
38	D8Mit271	SSLP	Chr8:116884022-116884117	C3/C3
39	D8Mit156	SSLP	Chr8:131419404-131419542	C3/C3
41	D9Mit207	SSLP	Chr9:60421238-60421384	C3/C3
42	D9Mit182	SSLP	Chr9:101431148-101431251	C3/C3
43	D9Mit18	SSLP	Chr9:120198563-120198742	C3/C3
45	D10Mit115	SSLP	Chr10:69739444-69739569	C3/C3
48	D11Mit231	SSLP	Chr11:35501291-35501391	C3/C3
49	D11Mit242	SSLP	Chr11:63242083-63242198	C3/C3
51	D11Mit214	SSLP	Chr11:114991785-114991932	C3/C3
56	D13Mit3	SSLP	Chr13:20523211-20523371	C3/C3
64	D15Mit5	SSLP	Chr15:43279930-43280030	C3/C3
66	D15Mit246	SSLP	Chr15:101996392-101996510	C3/C3
67	D16Mit165	SSLP	Chr16:13996633-13996801	C3/C3

Genetic Background Monitoring Report

No.: 090525-0623

BRC No.: RBRC01402

Strain Name: C3.129P2(B6)-Nfe2l2<tm1Mym>

Strain Type: Mutant Strain

Strain of origin: 129P2/OlaHsd

Donor strain: B6.129P2-Nfe2l2<tm1Yin>

Background Strain: C3H/HeNCrj

Date: 2009/5/25

Locus	Type	ID of animals surveyed		S00140104 (N13) Male
		(Generation ¹) / Sex	Location ²	
68 D16Mit12	SSLP	Chr16:39118134-39118325	C3/C3	
71 D17Mit52	SSLP	Chr17:43641789-43641943	C3/C3	
72 D17Mit93	SSLP	Chr17:74149996-74150148	C3/C3	
74 D18Mit60	SSLP	Chr18:32648763-32648967	C3/C3	
76 D18Mit80	SSLP	Chr18:77065228-77065337	C3/C3	
78 D19Mit13	SSLP	Chr19:32713513-32713760	C3/C3	

¹ Generation definitions: N_Number of backcross generations; F_Filial or inbreeding generations; M_Cross-intercross breeding generations; ?: Use when the prior breeding history is not known; +_Generation numbers before the "+" took place in the donating investigator, after the "+", at RIKEN BRC.

² based on UniSTS annotation of NCBI Build 37

Haplotype combination:

B6/B6_C57BL/6 homozygous allele, C3/C3_C3H homozygous allele, B6/C3_heterozygous allele