

Genetic Background Monitoring ReportNo.: Q1MC000031

Whole Genome Scan, Japan Mouse Clinic

BRC No.: RBRC00267

Strain Name (Official Nomenclature): C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant strain

Strain of Origin: C57BL/6

Donor Strain: -

Background Strain: C57BL/6 (C57BL/6JJcl and C57BL/6CrSlc mixed)

Date: 2009/9/9

ID of animals surveyed				W3_00031_002	W3_00031_006		
(Generation ¹) / Sex				(?+F13)	(?+F13)		
Chr.	Maker Name	Type		Female	Male	B6JJcl	B6N
1	D1SNP19	SNP		A/A	A/A	A/A	A/A
2	D1SNP28	SNP		A/A	A/A	A/A	A/A
3	D1SNP29	SNP		A/A	A/A	A/A	A/A
4	D1SNP3-1	SNP		A/A	A/A	A/A	A/A
5	D1SNP30	SNP		A/A	A/A	A/A	A/A
6	D1SNP32	SNP		A/A	A/A	A/A	A/A
7	D1SNP33	SNP		A/A	A/A	A/A	A/A
8	D2SNP23	SNP		A/A	A/A	A/A	A/A
9	D2SNP29	SNP		A/A	A/A	A/A	A/A
10	D2SNP33	SNP		A/A	A/A	A/A	A/A
11	D2SNP34	SNP		A/A	A/A	A/A	A/A
12	D2SNP36	SNP		A/A	A/A	A/A	A/A
13	D2SNP37	SNP		A/A	A/A	A/A	A/A
14	D2SNP4	SNP		A/A	A/A	A/A	A/A
15	D3SNP11	SNP		A/A	A/A	A/A	A/A
16	D3SNP23	SNP		A/A	A/A	A/A	A/A
17	D3SNP38	SNP		A/A	A/A	A/A	A/A
18	D3SNP40	SNP		A/A	A/A	A/A	A/A
19	D3SNP42	SNP		A/A	A/A	A/A	A/A
20	D3SNP43	SNP		A/A	A/A	A/A	A/A
21	D4SNP107	SNP		A/A	A/A	A/A	A/A
22	D4SNP14	SNP		A/A	A/A	A/A	A/A
23	D4SNP2	SNP		A/A	A/A	A/A	A/A
24	D4SNP34	SNP		A/A	A/A	A/A	A/A
25	D4SNP35	SNP		A/A	A/A	A/A	A/A
26	D4SNP36	SNP		A/A	A/A	A/A	A/A
27	D4SNP37	SNP		A/A	A/A	A/A	A/A
28	D5SNP13	SNP		A/A	A/A	A/A	A/A
29	D5SNP26	SNP		A/A	A/A	A/A	A/A
30	D5SNP27	SNP		A/A	A/A	A/A	A/A
31	D5SNP28	SNP		A/A	A/A	A/A	A/A
32	D5SNP29	SNP		A/A	A/A	A/A	A/A
33	D5SNP6	SNP		A/A	A/A	A/A	A/A
34	D6SNP2	SNP		A/A	A/A	A/A	A/A
35	D6SNP27	SNP		A/A	A/A	A/A	A/A
36	D6SNP28	SNP		A/A	A/A	A/A	A/A
37	D6SNP29	SNP		A/A	A/A	A/A	A/A

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Strain Name (Official Nomenclature): C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant strain

Strain of Origin: C57BL/6

Donor Strain: -

Background Strain: C57BL/6 (C57BL/6JJcl and C57BL/6CrSlc mixed)

Date: 2009/9/9

ID of animals surveyed				W3_00031_002	W3_00031_006		
(Generation ¹) / Sex				(?+F13)	(?+F13)		
Chr.	Maker Name	Type		Female	Male		
						B6JJcl	B6N
38	6	D6SNP502	SNP	A/A	A/A	A/A	A/A
39	6	D6SNP504	SNP	A/A	A/A	A/A	A/A
40	7	D7SNP12	SNP	A/A	A/A	A/A	A/A
41	7	D7SNP29	SNP	A/A	A/A	A/A	A/A
42	7	D7SNP31	SNP	A/A	A/A	A/A	A/A
43	7	D7SNP38	SNP	A/A	A/A	A/A	A/A
44	7	D7SNP39	SNP	A/A	A/A	A/A	A/A
45	7	D7SNP4	SNP	A/A	A/A	A/A	A/A
46	7	D7SNP40	SNP	A/A	A/A	A/A	A/A
47	7	D7SNP5	SNP	A/A	A/A	A/A	A/A
48	8	D8SNP11	SNP	A/A	A/A	A/A	A/A
49	8	D8SNP12	SNP	A/A	A/A	A/A	A/A
50	8	D8SNP13	SNP	A/A	A/A	A/A	A/A
51	8	D8SNP20	SNP	A/A	A/A	A/A	A/A
52	8	D8SNP21	SNP	A/A	A/A	A/A	A/A
53	8	D8SNP504	SNP	A/A	A/A	A/A	A/A
54	9	D9SNP1-1	SNP	A/A	A/A	A/A	A/A
55	9	D9SNP23	SNP	A/A	A/A	A/A	A/A
56	9	D9SNP24	SNP	A/A	A/A	A/A	A/A
57	9	D9SNP5	SNP	A/A	A/A	A/A	A/A
58	10	D10SNP104	SNP	A/A	A/A	A/A	A/A
59	10	D10SNP105	SNP	A/A	A/A	A/A	A/A
60	10	D10SNP21	SNP	A/A	A/A	A/A	A/A
61	10	D10SNP32	SNP	A/A	A/A	A/A	A/A
62	10	D10SNP34	SNP	A/A	A/A	A/A	A/A
63	10	D10SNP40	SNP	A/A	A/A	A/A	A/A
64	10	D10SNP502	SNP	A/A	A/A	A/A	A/A
65	11	D11SNP1	SNP	A/A	A/A	A/A	A/A
66	11	D11SNP15	SNP	A/A	A/A	A/A	A/A
67	11	D11SNP20	SNP	A/A	A/A	A/A	A/A
68	11	D11SNP3	SNP	A/A	A/A	A/A	A/A
69	11	D11SNP7	SNP	A/A	A/A	A/A	A/A
70	12	D12SNP11	SNP	A/A	A/A	A/A	A/A
71	12	D12SNP35	SNP	A/A	A/A	A/A	A/A
72	12	D12SNP36	SNP	A/A	A/A	A/A	A/A
73	12	D12SNP37	SNP	A/A	A/A	A/A	A/A
74	12	D12SNP505	SNP	A/A	A/A	A/A	A/A

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BRC No.: RBRC00267

Strain Name (Official Nomenclature): C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant strain

Strain of Origin: C57BL/6

Donor Strain: -

Background Strain: C57BL/6 (C57BL/6JJcl and C57BL/6CrSlc mixed)

Date: 2009/9/9

ID of animals surveyed				W3_00031_002	W3_00031_006		
(Generation ¹) / Sex				(?+F13)	(?+F13)		
Chr.	Maker Name	Type		Female	Male	B6JJcl	B6N
75	12	D12SNP508	SNP	A/A	A/A	A/A	A/A
76	13	D13SNP1	SNP	A/A	A/A	A/A	A/A
77	13	D13SNP25	SNP	A/A	A/A	A/A	A/A
78	13	D13SNP27	SNP	A/A	A/A	A/A	A/A
79	13	D13SNP28	SNP	A/A	A/A	A/A	A/A
80	13	D13SNP4	SNP	A/A	A/A	A/A	A/A
81	14	D14SNP12	SNP	A/A	A/A	A/A	A/A
82	14	D14SNP24	SNP	A/A	A/A	A/A	A/A
83	14	D14SNP25	SNP	A/A	A/A	A/A	A/A
84	14	D14SNP26	SNP	A/A	A/A	A/A	A/A
85	14	D14SNP6	SNP	A/A	A/A	A/A	A/A
86	15	D15SNP26	SNP	A/A	A/A	A/A	A/A
87	15	D15SNP28	SNP	A/A	A/A	A/A	A/A
88	15	D15SNP29	SNP	A/A	A/A	A/A	A/A
89	15	D15SNP30	SNP	A/A	A/A	A/A	A/A
90	16	D16SNP18	SNP	A/A	A/A	A/A	A/A
91	16	D16SNP20	SNP	A/A	A/A	A/A	A/A
92	16	D16SNP21	SNP	A/A	A/A	A/A	A/A
93	16	D16SNP3	SNP	A/A	A/A	A/A	A/A
94	16	D16SNP6	SNP	A/A	A/A	A/A	A/A
95	17	D17SNP12	SNP	A/A	A/A	A/A	A/A
96	17	D17SNP19	SNP	A/A	A/A	A/A	A/A
97	17	D17SNP25	SNP	A/A	A/A	A/A	A/A
98	17	D17SNP26	SNP	A/A	A/A	A/A	A/A
99	17	D17SNP27	SNP	A/A	A/A	A/A	A/A
100	17	D17SNP7	SNP	A/A	A/A	A/A	A/A
101	18	D18SNP11	SNP	A/A	A/A	A/A	A/A
102	18	D18SNP17	SNP	A/A	A/A	A/A	A/A
103	18	D18SNP32	SNP	A/A	A/A	A/A	A/A
104	18	D18SNP33	SNP	A/A	A/A	A/A	A/A
105	18	D18SNP35	SNP	A/A	A/A	A/A	A/A
106	18	D18SNP503	SNP	A/A	A/A	A/A	A/A
107	19	D19SNP2	SNP	A/A	A/A	A/A	A/A
108	19	D19SNP2-1	SNP	A/A	A/A	A/A	A/A
109	19	D19SNP22	SNP	A/A	A/A	A/A	A/A
110	19	D19SNP25	SNP	A/A	A/A	A/A	A/A
111	19	D19SNP26	SNP	A/A	A/A	A/A	A/A

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BRC No.: RBRC00267

Strain Name (Official Nomenclature): C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant strain

Strain of Origin: C57BL/6

Donor Strain: -

Background Strain: C57BL/6 (C57BL/6JJcl and C57BL/6CrSlc mixed)

Date: 2009/9/9

ID of animals surveyed				W3_00031_002	W3_00031_006		
(Generation ¹) / Sex				(?+F13)	(?+F13)		
Chr.	Maker Name	Type		Female	Male	B6JJcl	B6N
112	19	D19SNP3	SNP	A/A	A/A	A/A	A/A
113	20	DXSNP12	SNP	A/A	A/A	A/A	A/A
114	20	DXSNP13	SNP	A/A	A/A	A/A	A/A
115	20	DXSNP21	SNP	A/A	A/A	A/A	A/A
116	20	DXSNP27	SNP	A/A	A/A	A/A	A/A
117	20	DXSNP35	SNP	A/A	A/A	A/A	A/A
118	20	DXSNP47	SNP	A/A	A/A	A/A	A/A
119	20	DXSNP50	SNP	A/A	A/A	A/A	A/A
120	20	DXSNP51	SNP	A/A	A/A	A/A	A/A
121	2	D2SNP11	SNP	B/B	B/B	A/A	B/B
122	3	D3SNP35	SNP	A/A	A/A	A/A	B/B
123	4	D4SNP101	SNP	A/A	A/A	A/A	B/B
124	5	D5SNP14	SNP	A/B	A/B	A/A	B/B
125	5	D5SNP21	SNP	B/B	B/B	A/A	B/B
126	6	D6SNP20	SNP	A/A	A/A	A/A	B/B
127	6	D6SNP26	SNP	A/A	A/A	A/A	B/B
128	7	D7SNP37	SNP	B/B	B/B	A/A	B/B
129	8	D8SNP22	SNP	A/A	A/A	A/A	B/B
130	9	D9SNP13	SNP	A/A	A/A	A/A	B/B
131	9	D9SNP21	SNP	A/A	A/A	A/A	B/B
132	10	D10SNP37	SNP	A/A	A/A	A/A	B/B
133	10	D10SNP39	SNP	A/A	A/A	A/A	B/B
134	11	D11SNP101	SNP	A/A	A/A	A/A	B/B
135	11	D11SNP18	SNP	A/A	A/A	A/A	B/B
136	13	D13SNP14	SNP	A/A	A/A	A/A	B/B
137	13	D13SNP26	SNP	A/A	A/A	A/A	B/B
138	14	D14SNP23	SNP	B/B	B/B	A/A	B/B
139	15	D15SNP24	SNP	B/B	B/B	A/A	B/B
140	16	D16SNP19	SNP	A/A	A/A	A/A	B/B
141	17	D17SNP24	SNP	B/B	B/B	A/A	B/B
142	18	D18SNP30	SNP	A/A	A/A	A/A	B/B
143	19	D19SNP24	SNP	A/A	A/A	A/A	B/B
144	20	DXSNP48	SNP	A/A	A/A	A/A	B/B

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

Genetic Background Monitoring ReportNo.: Q1MC000031

Whole Genome Scan, Japan Mouse Clinic

BRC No.: RBRC00267

Strain Name (Official Nomenclature): C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant strain

Strain of Origin: C57BL/6

Donor Strain: -

Background Strain: C57BL/6 (C57BL/6JJcl and C57BL/6CrSlc mixed)

Date: 2009/9/9

ID of animals surveyed			W3_00031_002	W3_00031_006		
(Generation ¹) / Sex			(?+F13)	(?+F13)		
Chr.	Maker Name	Type	Female	Male	B6JJcl	B6N

Haplotype combination:

A/A_B6JJcl homozygous allele, B/B_non B6JJcl strain homozygous allele, A/B_heterozygous allele

Genetic Background Monitoring Report

No. : 101202-3

BRC No.: RBRC00267

Strain Name (Official Nomenclature) : C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant Strain

Strain of Origin : C57BL/6

Donor Strain : -

Background Strain : C57BL/6NCrSlc

Date: 2010/12/2

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S01260104 S01260106		a-type	b-type (B6 type)
			(?+F37) Female	(?+F37) Male		
1	D1Mit212	SSLP Chr1:40049840-40049985	b/b	b/b	C3,FVB	B6,D2,129,BALB,CBA
2	D1Mit306	SSLP Chr1:98827535-98827643	b/b	b/b	D2,129	B6,BALB,C3,CBA,FVB
3	D2Mit433	SSLP Chr2:57149522-57149694	b/b	b/b	D2,C3,129,CBA,FVB	B6,BALB
4	D3Mit333	SSLP Chr3:44511652-44511774	b/b	b/b	C3,CBA,FVB	B6,D2,BALB,129
5	D3Mit106	SSLP Chr3:111841219-111841382	b/b	b/b	D2,BALB,C1,129,CBA,FVB	B6
6	D4Mit149	SSLP Chr4:3584271-3584381	b/b	b/b	D2,BALB,C3,129,CBA	B6,FVB
7	D4Mit108	SSLP Chr4:38319122-38319254	b/b	b/b	BALB,C3,129	B6,D2,CBA,FVB
8	D5Mit148	SSLP Chr5:32278263-32278411	b/b	b/b	BALB,C3,129,CBA,FVB	B6,D2
9	D5Mit168	SSLP Chr5:137534245-137534394	b/b	b/b	D2,BALB,C3,129,CBA,FVB	B6
10	D6Mit9	SSLP Chr6:87375892-87376028	b/b	b/b	D2,C3,129,CBA,FVB	B6,BALB
11	D7Mit230	SSLP Chr7:56764849-56764953	b/b	b/b	D2,C3,129,FVB	B6,BALB,CBA
12	D8Mit293	SSLP Chr8:37226054-37226173	b/b	b/b	D2,BALB,C3,129,CBA,FVB	B6
13	D9Mit191	SSLP Chr9:46494456-46494601	b/b	b/b	D2,BALB,C3,CBA,FVB	B6,129
14	D10Mit282	SSLP Chr10:20654078-20654202	b/b	b/b	BALB,129,FVB	B6,D2,C3,CBA
15	D11Mit219	SSLP Chr11:72132472-72132603	b/b	b/b	D2,129	B6,BALB,C3,CBA,FVB
16	D12Mit190	SSLP Chr12:60829453-60829579	b/b	b/b	D2,FVB	B6,BALB,C3,129,CBA
17	D13Mit179	SSLP Chr13:44860362-44860453	b/b	b/b	BALB,C3,129,CBA,FVB	B6,D2
18	D14Mit50	SSLP Chr14:21831604-21831793	b/b	b/b	D2,BALB,129,CBA,FVB	B6,C3
19	D15Mit138	SSLP Chr15:39861164-39861310	b/b	b/b	C3	B6,D2,BALB,129,CBA,FVB
20	D16Mit50	SSLP Chr16:78953071-78953200	b/b	b/b	D2,129,CBA,FVB	B6,BALB,C3
21	D17Mit152	SSLP Chr17:65689824-65689949	b/b	b/b	D2,BALB,FVB	B6,C3,129,CBA
22	D18Mit68	SSLP Chr18:21594126-21594238	b/b	b/b	D2,BALB,CBA,FVB	B6,C3,129
23	D19Mit16	SSLP Chr19:20420342-20420474	b/b	b/b	D2,C3,CBA	B6,BALB,FVB
24	DXMit117	SSLP Chr X:127822562-127822687	b/b	b/b	D2,129,FVB	B6,BALB,C3,CBA

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² based on UniSTS annotation of NCBI Build 37

Haplotype combination:

a/a_a-type homozygous allele, b/b_b-type homozygous allele, a/b_heterozygous allele

Genetic Background Monitoring Report

No.: 100107

BRC No.: RBRC00267

Strain Name (Official Nomenclature) : C57BL/6-Tg(CAG-EGFP)C14-Y01-FM131Osb

Strain Type: Mutant Strain

Strain of Origin : C57BL/6

Donor Strain : -

Background Strain : C57BL/6NCrSlc

Date: 2010/1/7

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00740201	S00740205	a-type	b-type (B6 type)
			(?+F34) Female	(?+F34) Female		
1	D1Mit212	SSLP Chr1:40049840-40049985	b/b	b/b	C3,FVB	B6,D2,129,BALB,CBA
2	D1Mit306	SSLP Chr1:98827535-98827643	b/b	b/b	D2,129	B6,BALB,C3,CBA,FVB
3	D2Mit433	SSLP Chr2:57149522-57149694	b/b	b/b	D2,C3,129,CBA,FVB	B6,BALB
4	D3Mit333	SSLP Chr3:44511652-44511774	b/b	b/b	C3,CBA,FVB	B6,D2,BALB,129
5	D3Mit106	SSLP Chr3:111841219-111841382	b/b	b/b	D2,BALB,C1,129,CBA,FVB	B6
6	D4Mit149	SSLP Chr4:3584271-3584381	b/b	b/b	D2,BALB,C3,129,CBA	B6,FVB
7	D4Mit108	SSLP Chr4:38319122-38319254	b/b	b/b	BALB,C3,129	B6,D2,CBA,FVB
8	D5Mit148	SSLP Chr5:32278263-32278411	b/b	b/b	BALB,C3,129,CBA,FVB	B6,D2
9	D5Mit168	SSLP Chr5:137534245-137534394	b/b	b/b	D2,BALB,C3,129,CBA,FVB	B6
10	D6Mit9	SSLP Chr6:87375892-87376028	b/b	b/b	D2,C3,129,CBA,FVB	B6,BALB
11	D7Mit230	SSLP Chr7:56764849-56764953	b/b	b/b	D2,C3,129,FVB	B6,BALB,CBA
12	D8Mit293	SSLP Chr8:37226054-37226173	b/b	b/b	D2,BALB,C3,129,CBA,FVB	B6
13	D9Mit191	SSLP Chr9:46494456-46494601	b/b	b/b	D2,BALB,C3,CBA,FVB	B6,129
14	D10Mit282	SSLP Chr10:20654078-20654202	b/b	b/b	BALB,129,FVB	B6,D2,C3,CBA
15	D11Mit219	SSLP Chr11:72132472-72132603	b/b	b/b	D2,129	B6,BALB,C3,CBA,FVB
16	D12Mit190	SSLP Chr12:60829453-60829579	b/b	b/b	D2,FVB	B6,BALB,C3,129,CBA
17	D13Mit179	SSLP Chr13:44860362-44860453	b/b	b/b	BALB,C3,129,CBA,FVB	B6,D2
18	D14Mit50	SSLP Chr14:21831604-21831793	b/b	b/b	D2,BALB,129,CBA,FVB	B6,C3
19	D15Mit138	SSLP Chr15:39861164-39861310	b/b	b/b	C3	B6,D2,BALB,129,CBA,FVB
20	D16Mit50	SSLP Chr16:78953071-78953200	b/b	b/b	D2,129,CBA,FVB	B6,BALB,C3
21	D17Mit152	SSLP Chr17:65689824-65689949	b/b	b/b	D2,BALB,FVB	B6,C3,129,CBA
22	D18Mit68	SSLP Chr18:21594126-21594238	b/b	b/b	D2,BALB,CBA,FVB	B6,C3,129
23	D19Mit16	SSLP Chr19:20420342-20420474	b/b	b/b	D2,C3,CBA	B6,BALB,FVB
24	DXMit117	SSLP Chr X:127822562-127822687	b/b	b/b	D2,129,FVB	B6,BALB,C3,CBA

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:

a/a_a-type homozygous allele, b/b_b-type homozygous allele, a/b_b-type heterozygous allele