

Genetic Background Monitoring Report

No.: 090527

BRC No.: RBRC01628

Strain Name (Official Nomenclature): C.B6C3-Tg(Acro3-EGFP)Osb01

Strain Type: Mutant strain

Strain of Origin: (C57BL/6N x X3H/HeN)F1

Donor Strain: B6C3-Tg(Acro3-GFP)Osb01

Background Strain: BALB/cAnNMs

Date: 2009/5/27

Locus	Type	Location (NCBI Build 37)	ID	S00160104
			(Gen.) / Sex	(N13)
				Male
1	D1Mit211	SSLP	25567955-25568090	-
2	D1Mit187	SSLP	115452413-115452559	-
3	D1Mit33	SSLP	160335734-160335833	BALB/BALB
4	D1Mit293	SSLP	194824788-194824936	BALB/BALB
5	D2Mit37	SSLP	74531830-74532001	BALB/BALB
6	D2Mit255	SSLP	123217396-123217545	BALB/BALB
7	D2Mit285	SSLP	152683037-152683177	-
8	D2Mit148	SSLP	178535250-178535364	BALB/BALB
9	D3Mit117	SSLP	5806440-5806615	-
10	D3Mit65	SSLP	50488800-50488920	BALB/BALB
11	D3Mit29	SSLP	90407831-90407979	BALB/BALB
12	D3Mit14	SSLP	131693820-131693987	-
13	D3Mit19	SSLP	Syntenic	-
14	D4Mit149	SSLP	3584271-3584381	-
15	D4Mit111	SSLP	53563711-53563839	-
16	D4Mit26	SSLP	Syntenic	-
17	D4Mit204	SSLP	132983282-132983386	-
18	D4Mit254	SSLP	153093974-153094108	BALB/BALB
19	D5Mit145	SSLP	7333014-7333165	BALB/BALB
20	D5Mit148	SSLP	32278263-32278411	-
21	D5Mit394	SSLP	54734074-54734215	BALB/BALB
22	D5Mit239	SSLP	107842159-107842304	BALB/BALB
23	D5Mit168	SSLP	137534245-137534394	-
24	D6Mit138	SSLP	4453823-4453937	-
25	D6Mit74	SSLP	48676555-48676704	-
26	D6Mit284	SSLP	92557300-92557444	BALB/BALB
27	D6Mit254	SSLP	125306664-125306803	-
28	D6Mit15	SSLP	146377508-146377760	-
29	D7Mit246	SSLP	31118079-31118215	BALB/BALB
30	D7Mit318	SSLP	81093848-81093997	-
31	D7Mit220	SSLP	111543239-111543373	-
32	D7Mit189	SSLP	Syntenic	-
33	D8Mit94	SSLP	32452130-32452283	-
34	D8Mit249	SSLP	83463446-83463595	-
35	D8Mit211	SSLP	105240821-105240969	-
36	D8Mit91	SSLP	126988322-126988465	BALB/BALB

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Background Strain: BALB/cAnNMs

Date: 2009/5/27

Locus	Type	Location (NCBI Build 37)	ID	S00160104
			(Gen.) / Sex	(N13)
				Male
37	D9Mit328	SSLP	41695932-41696113	-
38	D9Mit269	SSLP	87838840-87839011	-
39	D9Mit214	SSLP	115307830-115307967	-
40	D9Mit18	SSLP	120198563-120198742	-
41	D10Mit282	SSLP	20654078-20654202	BALB/BALB
42	D10Mit106	SSLP	24109509-24109633	-
43	D10Mit42	SSLP	82117849-82118032	-
44	D10Mit180	SSLP	117587667-117587800	BALB/BALB
45	D11Mit152	SSLP	24126273-24126405	BALB/BALB
46	D11Mit242	SSLP	63242083-63242198	BALB/BALB
47	D11Mit212	SSLP	88670076-88670216	-
48	D11Mit333	SSLP	108575096-108575220	-
49	D12Mit182	SSLP	108575096-108575220	BALB/BALB
50	D12Mit153	SSLP	35920169-35920310	-
51	D12Mit34	SSLP	70900839-70901009	-
52	D12Mit7	SSLP	Syntenic	BALB/BALB
53	D13Mit3	SSLP	20523211-20523371	BALB/BALB
54	D13Mit179	SSLP	44860362-44860453	-
55	D13Mit147	SSLP	98359080-98359187	-
56	D13Mit78	SSLP	119618032-119618260	BALB/BALB
57	D14Mit141	SSLP	47379212-47379351	-
58	D14Mit203	SSLP	Syntenic	-
59	D14Mit195	SSLP	88383595-88383715	-
60	D14Mit266	SSLP	121431467-121431614	-
61	D15Mit100	SSLP	50972844-50972954	BALB/BALB
62	D15Mit63	SSLP	65076746-65076890	-
63	D15Mit242	SSLP	90220693-90220796	BALB/BALB
64	D16Mit154	SSLP	5706639-5706782	-
65	D16Mit12	SSLP	39118134-39118325	BALB/BALB
66	D16Mit139	SSLP	65669762-65669911	-
67	D16Mit70	SSLP	86209320-86209506	-
68	D17Mit16	SSLP	86209320-86209506	BALB/BALB
69	D17Mit152	SSLP	65689824-65689949	BALB/BALB
70	D17Mit129	SSLP	87088164-87088312	-
71	D18Mit64	SSLP	6108402-6108553	-
72	D18Mit177	SSLP	41142161-41142331	BALB/BALB

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Date: 2009/5/27

			ID (Gen.) / Sex	S00160104 (N13)
	Locus	Type	Location (NCBI Build 37)	Male
73	D18Mit184	SSLP	66978897-66979068	BALB/BALB
74	D19Mit30	SSLP	26884543-26884692	BALB/BALB
75	D19Mit53	SSLP	45226399-45226509	BALB/BALB
76	D19Mit34	SSLP	55112429-55112603	-
77	DXMit166	SSLP	49036675-49036788	-
78	DXMit210	SSLP	69741824-69741934	-
79	DXMit149	SSLP	124541535-124541811	-
80	DXMit249	SSLP	160413766-160413877	BALB/BALB

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, 129/129_129 homozygous allele, B6/129_heterozygous allele