

Genetic Background Monitoring Report

No.: 101028-2

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/10/28

Locus	Type	ID of animals surveyed		S00630207	S00630208	S00630210	S00600403	S00600204
		(Generation ¹) / Sex		(F21N10+F12)	(F21N10+F12)	(F21N10+F12)	(F21N10+F12)	(F21N10+F12)
	Location ²			Male	Male	Male	Female	Male
1	D1Mit211	SSLP	Chr1:25567955-25568090	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
2	D1Mit187	SSLP	Chr1:115452413-115452559	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
3	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
4	D1Mit293	SSLP	Chr1:194824788-194824936	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
5	D2Mit37	SSLP	Chr2:74531830-74532001	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
6	D2Mit255	SSLP	Chr2:123217396-123217545	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
7	D2Mit285	SSLP	Chr2:152683037-152683177	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
8	D2Mit148	SSLP	Chr2:178535250-178535364	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
9	D3Mit117	SSLP	Chr3:5806440-5806615	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
10	D3Mit65	SSLP	Chr3:50488800-50488920	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
11	D3Mit29	SSLP	Chr3:90407831-90407979	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
12	D3Mit14	SSLP	Chr3:131693820-131693987	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
13	D3Mit19	SSLP	Chr3:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
14	D4Mit149	SSLP	Chr4:3584271-3584381	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
15	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
16	D4Mit26	SSLP	Chr4:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
17	D4Mit204	SSLP	Chr4:132983282-132983386	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
18	D4Mit254	SSLP	Chr4:153093974-153094108	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
19	D5Mit145	SSLP	Chr5:7333014-7333165	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
20	D5Mit148	SSLP	Chr5:32278263-32278411	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
21	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
22	D5Mit239	SSLP	Chr5:107842159-107842304	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
23	D5Mit168	SSLP	Chr5:137534245-137534394	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
24	D6Mit138	SSLP	Chr6:4453823-4453937	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
26	D6Mit284	SSLP	Chr6:92557300-92557444	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
29	D7Mit246	SSLP	Chr7:31118079-31118215	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
30	D7Mit318	SSLP	Chr7:81093848-81093997	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
31	D7Mit220	SSLP	Chr7:111543239-111543373	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	BALB/BALB	BALB/BALB	B6/BALB	B6/BALB	BALB/BALB
34	D8Mit249	SSLP	Chr8:83463446-83463595	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
35	D8Mit211	SSLP	Chr8:105240821-105240969	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
36	D8Mit91	SSLP	Chr8:126988322-126988465	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
37	D9Mit328	SSLP	Chr9:41695932-41696113	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
38	D9Mit269	SSLP	Chr9:87838840-87839011	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
39	D9Mit214	SSLP	Chr9:115307830-115307967	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
41	D10Mit282	SSLP	Chr10:20654078-20654202	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
42	D10Mit106	SSLP	Chr10:24109509-24109633	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
43	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
44	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
45	D11Mit152	SSLP	Chr11:24126273-24126405	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
46	D11Mit242	SSLP	Chr11:63242083-63242198	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
47	D11Mit212	SSLP	Chr11:88670076-88670216	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
48	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
49	D12Mit182	SSLP	Chr12:108575096-108575220	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
50	D12Mit153	SSLP	Chr12:35920169-35920310	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
51	D12Mit34	SSLP	Chr12:70900839-70901009	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
52	D12Mit7	SSLP	Chr12:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6

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No.: 101028-2

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/10/28

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00630207	S00630208	S00630210	S00600403	S00600204
			(F21N10+F12) Male	(F21N10+F12) Male	(F21N10+F12) Male	(F21N10+F12) Female	(F21N10+F12) Male
53	D13Mit3	SSLP Chr13:20523211-20523371	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
54	D13Mit179	SSLP Chr13:44860362-44860453	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
55	D13Mit147	SSLP Chr13:98359080-98359187	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
56	D13Mit78	SSLP Chr13:119618032-119618260	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
57	D14Mit141	SSLP Chr14:47379212-47379351	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
58	D14Mit203	SSLP Chr14:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
59	D14Mit195	SSLP Chr14:88383595-88383715	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
60	D14Mit266	SSLP Chr14:121431467-121431614	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
61	D15Mit100	SSLP Chr15:50972844-50972954	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
62	D15Mit63	SSLP Chr15:65076746-65076890	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
63	D15Mit242	SSLP Chr15:90220693-90220796	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
64	D16Mit154	SSLP Chr16:5706639-5706782	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
65	D16Mit12	SSLP Chr16:39118134-39118325	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
66	D16Mit139	SSLP Chr16:65669762-65669911	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
67	D16Mit70	SSLP Chr16:86209320-86209506	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
68	D17Mit16	SSLP Chr17:86209320-86209506	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
69	D17Mit152	SSLP Chr17:65689824-65689949	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
70	D17Mit129	SSLP Chr17:87088164-87088312	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
71	D18Mit64	SSLP Chr18:6108402-6108553	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
72	D18Mit177	SSLP Chr18:41142161-41142331	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
73	D18Mit184	SSLP Chr18:66978897-66979068	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
74	D19Mit30	SSLP Chr19:26884543-26884692	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
75	D19Mit53	SSLP Chr19:45226399-45226509	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
76	D19Mit34	SSLP Chr19:55112429-55112603	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
77	DXMit166	SSLP ChrX:49036675-49036788	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
78	DXMit210	SSLP ChrX:69741824-69741934	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
79	DXMit149	SSLP ChrX:124541535-124541811	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
80	DXMit249	SSLP ChrX:160413766-160413877	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6

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:

BALB/BALB_BALB/c homozygous allele, B6/B6_C57BL/6 homozygous allele, BALB/B6_heterozygous allele

Genetic Background Monitoring Report

No.: 101028-1

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/10/28

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00630201	S00630202	S00630203	S00630204	S00630205	S00630206
			(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Male
1	D1Mit211	SSLP Chr1:25567955-25568090	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
2	D1Mit187	SSLP Chr1:115452413-115452559	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
3	D1Mit33	SSLP Chr1:160335734-160335833	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
4	D1Mit293	SSLP Chr1:194824788-194824936	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
5	D2Mit37	SSLP Chr2:74531830-74532001	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
6	D2Mit255	SSLP Chr2:123217396-123217545	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
7	D2Mit285	SSLP Chr2:152683037-152683177	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
8	D2Mit148	SSLP Chr2:178535250-178535364	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
9	D3Mit117	SSLP Chr3:5806440-5806615	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
10	D3Mit65	SSLP Chr3:50488800-50488920	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
11	D3Mit29	SSLP Chr3:90407831-90407979	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
12	D3Mit14	SSLP Chr3:131693820-131693987	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
13	D3Mit19	SSLP Chr3:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
14	D4Mit149	SSLP Chr4:3584271-3584381	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
15	D4Mit111	SSLP Chr4:53563711-53563839	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
16	D4Mit26	SSLP Chr4:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
17	D4Mit204	SSLP Chr4:132983282-132983386	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
18	D4Mit254	SSLP Chr4:153093974-153094108	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
19	D5Mit145	SSLP Chr5:7333014-7333165	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
20	D5Mit148	SSLP Chr5:32278263-32278411	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
21	D5Mit394	SSLP Chr5:54734074-54734215	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
22	D5Mit239	SSLP Chr5:107842159-107842304	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
23	D5Mit168	SSLP Chr5:137534245-137534394	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
24	D6Mit138	SSLP Chr6:4453823-4453937	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
25	D6Mit74	SSLP Chr6:48676555-48676704	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
26	D6Mit284	SSLP Chr6:92557300-92557444	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
27	D6Mit254	SSLP Chr6:125306664-125306803	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
28	D6Mit15	SSLP Chr6:146377508-146377760	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
29	D7Mit246	SSLP Chr7:31118079-31118215	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
30	D7Mit318	SSLP Chr7:81093848-81093997	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
31	D7Mit220	SSLP Chr7:111543239-111543373	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
32	D7Mit189	SSLP Chr7:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
33	D8Mit94	SSLP Chr8:32452130-32452283	B6/BALB	BALB/BALB	B6/BALB	BALB/BALB	BALB/BALB	BALB/BALB
34	D8Mit249	SSLP Chr8:83463446-83463595	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
35	D8Mit211	SSLP Chr8:105240821-105240969	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
36	D8Mit91	SSLP Chr8:126988322-126988465	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
37	D9Mit328	SSLP Chr9:41695932-41696113	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
38	D9Mit269	SSLP Chr9:87838840-87839011	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
39	D9Mit214	SSLP Chr9:115307830-115307967	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
40	D9Mit18	SSLP Chr9:120198563-120198742	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
41	D10Mit282	SSLP Chr10:20654078-20654202	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
42	D10Mit106	SSLP Chr10:24109509-24109633	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
43	D10Mit42	SSLP Chr10:82117849-82118032	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
44	D10Mit180	SSLP Chr10:117587667-117587800	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
45	D11Mit152	SSLP Chr11:24126273-24126405	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
46	D11Mit242	SSLP Chr11:63242083-63242198	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
47	D11Mit212	SSLP Chr11:88670076-88670216	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
48	D11Mit333	SSLP Chr11:108575096-108575220	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
49	D12Mit182	SSLP Chr12:108575096-108575220	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
50	D12Mit153	SSLP Chr12:35920169-35920310	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
51	D12Mit34	SSLP Chr12:70900839-70901009	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
52	D12Mit7	SSLP Chr12:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
53	D13Mit3	SSLP Chr13:20523211-20523371	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
54	D13Mit179	SSLP Chr13:44860362-44860453	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
55	D13Mit147	SSLP Chr13:98359080-98359187	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
56	D13Mit78	SSLP Chr13:119618032-119618260	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
57	D14Mit141	SSLP Chr14:47379212-47379351	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
58	D14Mit203	SSLP Chr14:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
59	D14Mit195	SSLP Chr14:88383595-88383715	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
60	D14Mit266	SSLP Chr14:121431467-121431614	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 101028-1

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/10/28

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00630201	S00630202	S00630203	S00630204	S00630205	S00630206
			(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Female	(F21N10+F12) Male
61	D15Mit100	SSLP Chr15:50972844-50972954	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
62	D15Mit63	SSLP Chr15:65076746-65076890	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
63	D15Mit242	SSLP Chr15:90220693-90220796	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
64	D16Mit154	SSLP Chr16:5706639-5706782	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
65	D16Mit12	SSLP Chr16:39118134-39118325	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
66	D16Mit139	SSLP Chr16:65669762-65669911	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
67	D16Mit70	SSLP Chr16:86209320-86209506	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
68	D17Mit16	SSLP Chr17:86209320-86209506	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
69	D17Mit152	SSLP Chr17:65689824-65689949	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
70	D17Mit129	SSLP Chr17:87088164-87088312	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
71	D18Mit64	SSLP Chr18:6108402-6108553	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
72	D18Mit177	SSLP Chr18:41142161-41142331	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
73	D18Mit184	SSLP Chr18:66978897-66979068	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
74	D19Mit30	SSLP Chr19:26884543-26884692	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
75	D19Mit53	SSLP Chr19:45226399-45226509	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
76	D19Mit34	SSLP Chr19:55112429-55112603	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
77	DXMit166	SSLP ChrX:49036675-49036788	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
78	DXMit210	SSLP ChrX:69741824-69741934	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
79	DXMit149	SSLP ChrX:124541535-124541811	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
80	DXMit249	SSLP ChrX:160413766-160413877	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6

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:

BALB/BALB_BALB/c homozygous allele, B6/B6_C57BL/6 homozygous allele, BALB/B6_heterozygous allele

Genetic Background Monitoring Report

No.: 100917

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/9/17

Locus	Type	ID of animals surveyed (Generation ¹) / Sex		S00580302	S00580209	S00580210
		Location ²		(F21N10+F12) Female	(F21N10+F12) Male	(F21N10+F12) Male
1	D1Mit211	SSLP	Chr1:25567955-25568090	B6/B6	B6/B6	B6/B6
2	D1Mit187	SSLP	Chr1:115452413-115452559	B6/B6	B6/B6	B6/B6
3	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/B6	B6/B6
4	D1Mit293	SSLP	Chr1:194824788-194824936	B6/B6	B6/B6	B6/B6
5	D2Mit37	SSLP	Chr2:74531830-74532001	B6/B6	B6/B6	B6/B6
6	D2Mit255	SSLP	Chr2:123217396-123217545	B6/B6	B6/B6	B6/B6
7	D2Mit285	SSLP	Chr2:152683037-152683177	B6/B6	B6/B6	B6/B6
8	D2Mit148	SSLP	Chr2:178535250-178535364	B6/B6	B6/B6	B6/B6
9	D3Mit117	SSLP	Chr3:5806440-5806615	B6/B6	B6/B6	B6/B6
10	D3Mit65	SSLP	Chr3:50488800-50488920	B6/B6	B6/B6	B6/B6
11	D3Mit29	SSLP	Chr3:90407831-90407979	B6/B6	B6/B6	B6/B6
12	D3Mit14	SSLP	Chr3:131693820-131693987	B6/B6	B6/B6	B6/B6
13	D3Mit19	SSLP	Chr3:Syntenic	B6/B6	B6/B6	B6/B6
14	D4Mit149	SSLP	Chr4:3584271-3584381	B6/B6	B6/B6	B6/B6
15	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6	B6/B6	B6/B6
16	D4Mit26	SSLP	Chr4:Syntenic	B6/B6	B6/B6	B6/B6
17	D4Mit204	SSLP	Chr4:132983282-132983386	B6/B6	B6/B6	B6/B6
18	D4Mit254	SSLP	Chr4:153093974-153094108	B6/B6	B6/B6	B6/B6
19	D5Mit145	SSLP	Chr5:7333014-7333165	B6/B6	B6/B6	B6/B6
20	D5Mit148	SSLP	Chr5:32278263-32278411	B6/B6	B6/B6	B6/B6
21	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6	B6/B6
22	D5Mit239	SSLP	Chr5:107842159-107842304	B6/B6	B6/B6	B6/B6
23	D5Mit168	SSLP	Chr5:137534245-137534394	B6/B6	B6/B6	B6/B6
24	D6Mit138	SSLP	Chr6:4453823-4453937	B6/B6	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6	B6/B6
26	D6Mit284	SSLP	Chr6:92557300-92557444	B6/B6	B6/B6	B6/B6
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/B6	B6/B6	B6/B6
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/B6	B6/B6	B6/B6
29	D7Mit246	SSLP	Chr7:31118079-31118215	B6/B6	B6/B6	B6/B6
30	D7Mit318	SSLP	Chr7:81093848-81093997	B6/B6	B6/B6	B6/B6
31	D7Mit220	SSLP	Chr7:111543239-111543373	B6/B6	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	BALB/BALB	B6/BALB	B6/BALB
34	D8Mit249	SSLP	Chr8:83463446-83463595	B6/B6	B6/B6	B6/B6
35	D8Mit211	SSLP	Chr8:105240821-105240969	B6/B6	B6/B6	B6/B6
36	D8Mit91	SSLP	Chr8:126988322-126988465	B6/B6	B6/B6	B6/B6
37	D9Mit328	SSLP	Chr9:41695932-41696113	B6/B6	B6/B6	B6/B6
38	D9Mit269	SSLP	Chr9:87838840-87839011	B6/B6	B6/B6	B6/B6
39	D9Mit214	SSLP	Chr9:115307830-115307967	B6/B6	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6	B6/B6	B6/B6
41	D10Mit282	SSLP	Chr10:20654078-20654202	B6/B6	B6/B6	B6/B6
42	D10Mit106	SSLP	Chr10:24109509-24109633	B6/B6	B6/B6	B6/B6
43	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6	B6/B6	B6/B6
44	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6	B6/B6	B6/B6
45	D11Mit152	SSLP	Chr11:24126273-24126405	B6/B6	B6/B6	B6/B6
46	D11Mit242	SSLP	Chr11:63242083-63242198	B6/B6	B6/B6	B6/B6
47	D11Mit212	SSLP	Chr11:88670076-88670216	B6/B6	B6/B6	B6/B6
48	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 100917

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/9/17

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00580302	S00580209	S00580210
			(F21N10+F12) Female	(F21N10+F12) Male	(F21N10+F12) Male
49	D12Mit182	SSLP Chr12:108575096-108575220	B6/B6	B6/B6	B6/B6
50	D12Mit153	SSLP Chr12:35920169-35920310	B6/B6	B6/B6	B6/B6
51	D12Mit34	SSLP Chr12:70900839-70901009	B6/B6	B6/B6	B6/B6
52	D12Mit7	SSLP Chr12:Syntenic	B6/B6	B6/B6	B6/B6
53	D13Mit3	SSLP Chr13:20523211-20523371	B6/B6	B6/B6	B6/B6
54	D13Mit179	SSLP Chr13:44860362-44860453	B6/B6	B6/B6	B6/B6
55	D13Mit147	SSLP Chr13:98359080-98359187	B6/B6	B6/B6	B6/B6
56	D13Mit78	SSLP Chr13:119618032-119618260	B6/B6	B6/B6	B6/B6
57	D14Mit141	SSLP Chr14:47379212-47379351	B6/B6	B6/B6	B6/B6
58	D14Mit203	SSLP Chr14:Syntenic	B6/B6	B6/B6	B6/B6
59	D14Mit195	SSLP Chr14:88383595-88383715	B6/B6	B6/B6	B6/B6
60	D14Mit266	SSLP Chr14:121431467-121431614	B6/B6	B6/B6	B6/B6
61	D15Mit100	SSLP Chr15:50972844-50972954	B6/B6	B6/B6	B6/B6
62	D15Mit63	SSLP Chr15:65076746-65076890	B6/B6	B6/B6	B6/B6
63	D15Mit242	SSLP Chr15:90220693-90220796	B6/B6	B6/B6	B6/B6
64	D16Mit154	SSLP Chr16:5706639-5706782	B6/B6	B6/B6	B6/B6
65	D16Mit12	SSLP Chr16:39118134-39118325	B6/B6	B6/B6	B6/B6
66	D16Mit139	SSLP Chr16:65669762-65669911	B6/B6	B6/B6	B6/B6
67	D16Mit70	SSLP Chr16:86209320-86209506	B6/B6	B6/B6	B6/B6
68	D17Mit16	SSLP Chr17:86209320-86209506	B6/B6	B6/B6	B6/B6
69	D17Mit152	SSLP Chr17:65689824-65689949	B6/B6	B6/B6	B6/B6
70	D17Mit129	SSLP Chr17:87088164-87088312	B6/B6	B6/B6	B6/B6
71	D18Mit64	SSLP Chr18:6108402-6108553	B6/B6	B6/B6	B6/B6
72	D18Mit177	SSLP Chr18:41142161-41142331	B6/B6	B6/B6	B6/B6
73	D18Mit184	SSLP Chr18:66978897-66979068	B6/B6	B6/B6	B6/B6
74	D19Mit30	SSLP Chr19:26884543-26884692	B6/B6	B6/B6	B6/B6
75	D19Mit53	SSLP Chr19:45226399-45226509	B6/B6	B6/B6	B6/B6
76	D19Mit34	SSLP Chr19:55112429-55112603	B6/B6	B6/B6	B6/B6
77	DXMit166	SSLP ChrX:49036675-49036788	B6/B6	B6/B6	B6/B6
78	DXMit210	SSLP ChrX:69741824-69741934	B6/B6	B6/B6	B6/B6
79	DXMit149	SSLP ChrX:124541535-124541811	B6/B6	B6/B6	B6/B6
80	DXMit249	SSLP ChrX:160413766-160413877	B6/B6	B6/B6	B6/B6

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:

BALB/BALB_BALB/c homozygous allele, B6/B6_C57BL/6 homozygous allele, BALB/B6_heterozygous allele

Genetic Background Monitoring Report

No.: 100714

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/7/14

Locus	Type	ID of animals surveyed		S00500305	S00500308
		(Generation ¹) / Sex	Location ²	(F21N10+F11) Female	(F21N10+F11) Male
1	D1Mit211	SSLP	Chr1:25567955-25568090	B6/B6	B6/B6
2	D1Mit187	SSLP	Chr1:115452413-115452559	B6/B6	B6/B6
3	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/B6
4	D1Mit293	SSLP	Chr1:194824788-194824936	B6/B6	B6/B6
5	D2Mit37	SSLP	Chr2:74531830-74532001	B6/B6	B6/B6
6	D2Mit255	SSLP	Chr2:123217396-123217545	B6/B6	B6/B6
7	D2Mit285	SSLP	Chr2:152683037-152683177	B6/B6	B6/B6
8	D2Mit148	SSLP	Chr2:178535250-178535364	B6/B6	B6/B6
9	D3Mit117	SSLP	Chr3:5806440-5806615	B6/B6	B6/B6
10	D3Mit65	SSLP	Chr3:50488800-50488920	B6/B6	B6/B6
11	D3Mit29	SSLP	Chr3:90407831-90407979	B6/B6	B6/B6
12	D3Mit14	SSLP	Chr3:131693820-131693987	B6/B6	B6/B6
13	D3Mit19	SSLP	Chr3:Syntenic	B6/B6	B6/B6
14	D4Mit149	SSLP	Chr4:3584271-3584381	B6/B6	B6/B6
15	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6	B6/B6
16	D4Mit26	SSLP	Chr4:Syntenic	B6/B6	B6/B6
17	D4Mit204	SSLP	Chr4:132983282-132983386	B6/B6	B6/B6
18	D4Mit254	SSLP	Chr4:153093974-153094108	B6/B6	B6/B6
19	D5Mit145	SSLP	Chr5:7333014-7333165	B6/B6	B6/B6
20	D5Mit148	SSLP	Chr5:32278263-32278411	B6/B6	B6/B6
21	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6
22	D5Mit239	SSLP	Chr5:107842159-107842304	B6/B6	B6/B6
23	D5Mit168	SSLP	Chr5:137534245-137534394	B6/B6	B6/B6
24	D6Mit138	SSLP	Chr6:4453823-4453937	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6
26	D6Mit284	SSLP	Chr6:92557300-92557444	B6/B6	B6/B6
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/B6	B6/B6
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/B6	B6/B6
29	D7Mit246	SSLP	Chr7:31118079-31118215	B6/B6	B6/B6
30	D7Mit318	SSLP	Chr7:81093848-81093997	B6/B6	B6/B6
31	D7Mit220	SSLP	Chr7:111543239-111543373	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/BALB	BALB/BALB
34	D8Mit249	SSLP	Chr8:83463446-83463595	B6/B6	B6/B6
35	D8Mit211	SSLP	Chr8:105240821-105240969	B6/B6	B6/B6
36	D8Mit91	SSLP	Chr8:126988322-126988465	B6/B6	B6/B6
37	D9Mit328	SSLP	Chr9:41695932-41696113	B6/B6	B6/B6
38	D9Mit269	SSLP	Chr9:87838840-87839011	B6/B6	B6/B6
39	D9Mit214	SSLP	Chr9:115307830-115307967	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6	B6/B6
41	D10Mit282	SSLP	Chr10:20654078-20654202	B6/B6	B6/B6
42	D10Mit106	SSLP	Chr10:24109509-24109633	B6/B6	B6/B6
43	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6	B6/B6
44	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6	B6/B6
45	D11Mit152	SSLP	Chr11:24126273-24126405	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 100714

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/7/14

Locus	Type	ID of animals surveyed		S00500305	S00500308
		(Generation ¹) / Sex	Location ²	(F21N10+F11)	(F21N10+F11)
				Female	Male
46	D11Mit242	SSLP	Chr11:63242083-63242198	B6/B6	B6/B6
47	D11Mit212	SSLP	Chr11:88670076-88670216	B6/B6	B6/B6
48	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6	B6/B6
49	D12Mit182	SSLP	Chr12:108575096-108575220	B6/B6	B6/B6
50	D12Mit153	SSLP	Chr12:35920169-35920310	B6/B6	B6/B6
51	D12Mit34	SSLP	Chr12:70900839-70901009	B6/B6	B6/B6
52	D12Mit7	SSLP	Chr12:Syntenic	B6/B6	B6/B6
53	D13Mit3	SSLP	Chr13:20523211-20523371	B6/B6	B6/B6
54	D13Mit179	SSLP	Chr13:44860362-44860453	B6/B6	B6/B6
55	D13Mit147	SSLP	Chr13:98359080-98359187	B6/B6	B6/B6
56	D13Mit78	SSLP	Chr13:119618032-119618260	B6/B6	B6/B6
57	D14Mit141	SSLP	Chr14:47379212-47379351	B6/B6	B6/B6
58	D14Mit203	SSLP	Chr14:Syntenic	B6/B6	B6/B6
59	D14Mit195	SSLP	Chr14:88383595-88383715	B6/B6	B6/B6
60	D14Mit266	SSLP	Chr14:121431467-121431614	B6/B6	B6/B6
61	D15Mit100	SSLP	Chr15:50972844-50972954	B6/B6	B6/B6
62	D15Mit63	SSLP	Chr15:65076746-65076890	B6/B6	B6/B6
63	D15Mit242	SSLP	Chr15:90220693-90220796	B6/B6	B6/B6
64	D16Mit154	SSLP	Chr16:5706639-5706782	B6/B6	B6/B6
65	D16Mit12	SSLP	Chr16:39118134-39118325	B6/B6	B6/B6
66	D16Mit139	SSLP	Chr16:65669762-65669911	B6/B6	B6/B6
67	D16Mit70	SSLP	Chr16:86209320-86209506	B6/B6	B6/B6
68	D17Mit16	SSLP	Chr17:86209320-86209506	B6/B6	B6/B6
69	D17Mit152	SSLP	Chr17:65689824-65689949	B6/B6	B6/B6
70	D17Mit129	SSLP	Chr17:87088164-87088312	B6/B6	B6/B6
71	D18Mit64	SSLP	Chr18:6108402-6108553	B6/B6	B6/B6
72	D18Mit177	SSLP	Chr18:41142161-41142331	B6/B6	B6/B6
73	D18Mit184	SSLP	Chr18:66978897-66979068	B6/B6	B6/B6
74	D19Mit30	SSLP	Chr19:26884543-26884692	B6/B6	B6/B6
75	D19Mit53	SSLP	Chr19:45226399-45226509	B6/B6	B6/B6
76	D19Mit34	SSLP	Chr19:55112429-55112603	B6/B6	B6/B6
77	DXMit166	SSLP	ChrX:49036675-49036788	B6/B6	B6/B6
78	DXMit210	SSLP	ChrX:69741824-69741934	B6/B6	B6/B6
79	DXMit149	SSLP	ChrX:124541535-124541811	B6/B6	B6/B6
80	DXMit249	SSLP	ChrX:160413766-160413877	B6/B6	B6/B6

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:

BALB/BALB_BALB/c homozygous allele, B6/B6_C57BL/6 homozygous allele, BALB/B6_heterozygous allele

Genetic Background Monitoring Report

No.: 100630-0705

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2010/6/30

Locus	Type	ID of animals surveyed		QC187803	QC187806
		(Generation ¹) / Sex		(F21N10+F1)	(F21N10+F1)
		Location ²		Female	Male
1	D1Mit211	SSLP	Chr1:25567955-25568090	B6/B6	B6/B6
2	D1Mit187	SSLP	Chr1:115452413-115452559	B6/B6	B6/B6
3	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/B6
4	D1Mit293	SSLP	Chr1:194824788-194824936	B6/B6	B6/B6
5	D2Mit37	SSLP	Chr2:74531830-74532001	B6/B6	B6/B6
6	D2Mit255	SSLP	Chr2:123217396-123217545	B6/B6	B6/B6
7	D2Mit285	SSLP	Chr2:152683037-152683177	B6/B6	B6/B6
8	D2Mit148	SSLP	Chr2:178535250-178535364	B6/B6	B6/B6
9	D3Mit117	SSLP	Chr3:5806440-5806615	B6/B6	B6/B6
10	D3Mit65	SSLP	Chr3:50488800-50488920	B6/B6	B6/B6
11	D3Mit29	SSLP	Chr3:90407831-90407979	B6/B6	B6/B6
12	D3Mit14	SSLP	Chr3:131693820-131693987	B6/B6	B6/B6
13	D3Mit19	SSLP	Chr3:Syntenic	B6/B6	B6/B6
14	D4Mit149	SSLP	Chr4:3584271-3584381	B6/B6	B6/B6
15	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6	B6/B6
16	D4Mit26	SSLP	Chr4:Syntenic	B6/B6	B6/B6
17	D4Mit204	SSLP	Chr4:132983282-132983386	B6/B6	B6/B6
18	D4Mit254	SSLP	Chr4:153093974-153094108	B6/B6	B6/B6
19	D5Mit145	SSLP	Chr5:7333014-7333165	B6/B6	B6/B6
20	D5Mit148	SSLP	Chr5:32278263-32278411	B6/B6	B6/B6
21	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6
22	D5Mit239	SSLP	Chr5:107842159-107842304	B6/B6	B6/B6
23	D5Mit168	SSLP	Chr5:137534245-137534394	B6/B6	B6/B6
24	D6Mit138	SSLP	Chr6:4453823-4453937	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6
26	D6Mit284	SSLP	Chr6:92557300-92557444	B6/B6	B6/B6
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/B6	B6/B6
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/B6	B6/B6
29	D7Mit246	SSLP	Chr7:31118079-31118215	B6/B6	B6/B6
30	D7Mit318	SSLP	Chr7:81093848-81093997	B6/B6	B6/B6
31	D7Mit220	SSLP	Chr7:111543239-111543373	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/BALB	B6/BALB
34	D8Mit249	SSLP	Chr8:83463446-83463595	B6/B6	B6/B6
35	D8Mit211	SSLP	Chr8:105240821-105240969	B6/B6	B6/B6
36	D8Mit91	SSLP	Chr8:126988322-126988465	B6/B6	B6/B6
37	D9Mit328	SSLP	Chr9:41695932-41696113	B6/B6	B6/B6
38	D9Mit269	SSLP	Chr9:87838840-87839011	B6/B6	B6/B6
39	D9Mit214	SSLP	Chr9:115307830-115307967	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6	B6/B6
41	D10Mit282	SSLP	Chr10:20654078-20654202	B6/B6	B6/B6
42	D10Mit106	SSLP	Chr10:24109509-24109633	B6/B6	B6/B6
43	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 100630-0705

BRC No.: RBRC01888
 Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>
 Strain Type: Mutant strain
 Strain of Origin: (C3H/HeN x 101/H)F1
 Donor Strain: C;B6 a Tyrp1-Kit<W-sh>
 Background Strain C57BL/6J
 Date: 2010/6/30

Locus	Type	ID of animals surveyed (Generation ¹) / Sex		QC187803	QC187806
		Location ²		(F21N10+F1) Female	(F21N10+F1) Male
44	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6	B6/B6
45	D11Mit152	SSLP	Chr11:24126273-24126405	B6/B6	B6/B6
46	D11Mit242	SSLP	Chr11:63242083-63242198	B6/B6	B6/B6
47	D11Mit212	SSLP	Chr11:88670076-88670216	B6/B6	B6/B6
48	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6	B6/B6
49	D12Mit182	SSLP	Chr12:108575096-108575220	B6/B6	B6/B6
50	D12Mit153	SSLP	Chr12:35920169-35920310	B6/B6	B6/B6
51	D12Mit34	SSLP	Chr12:70900839-70901009	B6/B6	B6/B6
52	D12Mit7	SSLP	Chr12:Syntenic	B6/B6	B6/B6
53	D13Mit3	SSLP	Chr13:20523211-20523371	B6/B6	B6/B6
54	D13Mit179	SSLP	Chr13:44860362-44860453	B6/B6	B6/B6
55	D13Mit147	SSLP	Chr13:98359080-98359187	B6/B6	B6/B6
56	D13Mit78	SSLP	Chr13:119618032-119618260	B6/B6	B6/B6
57	D14Mit141	SSLP	Chr14:47379212-47379351	B6/B6	B6/B6
58	D14Mit203	SSLP	Chr14:Syntenic	B6/B6	B6/B6
59	D14Mit195	SSLP	Chr14:88383595-88383715	B6/B6	B6/B6
60	D14Mit266	SSLP	Chr14:121431467-121431614	B6/B6	B6/B6
61	D15Mit100	SSLP	Chr15:50972844-50972954	B6/B6	B6/B6
62	D15Mit63	SSLP	Chr15:65076746-65076890	B6/B6	B6/B6
63	D15Mit242	SSLP	Chr15:90220693-90220796	B6/B6	B6/B6
64	D16Mit154	SSLP	Chr16:5706639-5706782	B6/B6	B6/B6
65	D16Mit12	SSLP	Chr16:39118134-39118325	B6/B6	B6/B6
66	D16Mit139	SSLP	Chr16:65669762-65669911	B6/B6	B6/B6
67	D16Mit70	SSLP	Chr16:86209320-86209506	B6/B6	B6/B6
68	D17Mit16	SSLP	Chr17:86209320-86209506	B6/B6	B6/B6
69	D17Mit152	SSLP	Chr17:65689824-65689949	B6/B6	B6/B6
70	D17Mit129	SSLP	Chr17:87088164-87088312	B6/B6	B6/B6
71	D18Mit64	SSLP	Chr18:6108402-6108553	B6/B6	B6/B6
72	D18Mit177	SSLP	Chr18:41142161-41142331	B6/B6	B6/B6
73	D18Mit184	SSLP	Chr18:66978897-66979068	B6/B6	B6/B6
74	D19Mit30	SSLP	Chr19:26884543-26884692	B6/B6	B6/B6
75	D19Mit53	SSLP	Chr19:45226399-45226509	B6/B6	B6/B6
76	D19Mit34	SSLP	Chr19:55112429-55112603	B6/B6	B6/B6
77	DXMit166	SSLP	ChrX:49036675-49036788	B6/B6	B6/B6
78	DXMit210	SSLP	ChrX:69741824-69741934	B6/B6	B6/B6
79	DXMit149	SSLP	ChrX:124541535-124541811	B6/B6	B6/B6
80	DXMit249	SSLP	ChrX:160413766-160413877	B6/B6	B6/B6

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:

Genetic Background Monitoring Report

No.: 100630-0705

BRC No.: RBRC01888
Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>
Strain Type: Mutant strain
Strain of Origin: (C3H/HeN x 101/H)F1
Donor Strain: C;B6 a Tyrp1-Kit<W-sh>
Background Strain C57BL/6J
Date: 2010/6/30

	ID of animals surveyed	QC187803	QC187806	
	(Generation ¹) / Sex	(F21N10+F1)	(F21N10+F1)	
Locus	Type	Location ²	Female	Male
<hr/>				
BALB/BALB_BALB/c homozygous allele, B6/B6_C57BL/6 homozygous allele, BALB/B6_heterozygous allele				

Genetic Background Monitoring Report

No.: 091201-3

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2009/12/1

Locus	Type	ID of animals surveyed		D00000304
		(Generation ¹) / Sex		(N10)
		Location ²		Male
1	D1Mit211	SSLP	Chr1:25567955-25568090	B6/B6
2	D1Mit187	SSLP	Chr1:115452413-115452559	B6/B6
3	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6
4	D1Mit293	SSLP	Chr1:194824788-194824936	B6/B6
5	D2Mit37	SSLP	Chr2:74531830-74532001	B6/B6
6	D2Mit255	SSLP	Chr2:123217396-123217545	B6/B6
7	D2Mit285	SSLP	Chr2:152683037-152683177	B6/B6
8	D2Mit148	SSLP	Chr2:178535250-178535364	B6/B6
9	D3Mit117	SSLP	Chr3:5806440-5806615	B6/B6
10	D3Mit65	SSLP	Chr3:50488800-50488920	B6/B6
11	D3Mit29	SSLP	Chr3:90407831-90407979	B6/B6
12	D3Mit14	SSLP	Chr3:131693820-131693987	B6/B6
13	D3Mit19	SSLP	Chr3:Syntenic	B6/B6
14	D4Mit149	SSLP	Chr4:3584271-3584381	B6/B6
15	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6
16	D4Mit26	SSLP	Chr4:Syntenic	B6/B6
17	D4Mit204	SSLP	Chr4:132983282-132983386	B6/B6
18	D4Mit254	SSLP	Chr4:153093974-153094108	B6/B6
19	D5Mit145	SSLP	Chr5:7333014-7333165	B6/B6
20	D5Mit148	SSLP	Chr5:32278263-32278411	B6/B6
21	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6
22	D5Mit239	SSLP	Chr5:107842159-107842304	B6/B6
23	D5Mit168	SSLP	Chr5:137534245-137534394	B6/B6
24	D6Mit138	SSLP	Chr6:4453823-4453937	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6
26	D6Mit284	SSLP	Chr6:92557300-92557444	B6/B6
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/B6
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/B6
29	D7Mit246	SSLP	Chr7:31118079-31118215	B6/B6
30	D7Mit318	SSLP	Chr7:81093848-81093997	B6/B6
31	D7Mit220	SSLP	Chr7:111543239-111543373	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/B6
34	D8Mit249	SSLP	Chr8:83463446-83463595	B6/B6
35	D8Mit211	SSLP	Chr8:105240821-105240969	B6/B6
36	D8Mit91	SSLP	Chr8:126988322-126988465	B6/B6
37	D9Mit328	SSLP	Chr9:41695932-41696113	B6/B6
38	D9Mit269	SSLP	Chr9:87838840-87839011	B6/B6
39	D9Mit214	SSLP	Chr9:115307830-115307967	B6/B6

Genetic Background Monitoring Report

No.: 091201-3

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2009/12/1

Locus	Type	ID of animals surveyed		D00000304
		(Generation ¹) / Sex		(N10)
		Location ²		Male
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6
41	D10Mit282	SSLP	Chr10:20654078-20654202	B6/B6
42	D10Mit106	SSLP	Chr10:24109509-24109633	B6/B6
43	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6
44	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6
45	D11Mit152	SSLP	Chr11:24126273-24126405	B6/B6
46	D11Mit242	SSLP	Chr11:63242083-63242198	B6/B6
47	D11Mit212	SSLP	Chr11:88670076-88670216	B6/B6
48	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6
49	D12Mit182	SSLP	Chr12:108575096-108575220	B6/B6
50	D12Mit153	SSLP	Chr12:35920169-35920310	B6/B6
51	D12Mit34	SSLP	Chr12:70900839-70901009	B6/B6
52	D12Mit7	SSLP	Chr12:Syntenic	B6/B6
53	D13Mit3	SSLP	Chr13:20523211-20523371	B6/B6
54	D13Mit179	SSLP	Chr13:44860362-44860453	B6/B6
55	D13Mit147	SSLP	Chr13:98359080-98359187	B6/B6
56	D13Mit78	SSLP	Chr13:119618032-119618260	B6/B6
57	D14Mit141	SSLP	Chr14:47379212-47379351	B6/B6
58	D14Mit203	SSLP	Chr14:Syntenic	B6/B6
59	D14Mit195	SSLP	Chr14:88383595-88383715	B6/B6
60	D14Mit266	SSLP	Chr14:121431467-121431614	B6/B6
61	D15Mit100	SSLP	Chr15:50972844-50972954	B6/B6
62	D15Mit63	SSLP	Chr15:65076746-65076890	B6/B6
63	D15Mit242	SSLP	Chr15:90220693-90220796	B6/B6
64	D16Mit154	SSLP	Chr16:5706639-5706782	B6/B6
65	D16Mit12	SSLP	Chr16:39118134-39118325	B6/B6
66	D16Mit139	SSLP	Chr16:65669762-65669911	B6/B6
67	D16Mit70	SSLP	Chr16:86209320-86209506	B6/B6
68	D17Mit16	SSLP	Chr17:86209320-86209506	B6/B6
69	D17Mit152	SSLP	Chr17:65689824-65689949	B6/B6
70	D17Mit129	SSLP	Chr17:87088164-87088312	B6/B6
71	D18Mit64	SSLP	Chr18:6108402-6108553	B6/B6
72	D18Mit177	SSLP	Chr18:41142161-41142331	B6/B6
73	D18Mit184	SSLP	Chr18:66978897-66979068	B6/B6
74	D19Mit30	SSLP	Chr19:26884543-26884692	B6/B6
75	D19Mit53	SSLP	Chr19:45226399-45226509	B6/B6
76	D19Mit34	SSLP	Chr19:55112429-55112603	B6/B6
77	DXMit166	SSLP	ChrX:49036675-49036788	B6/B6
78	DXMit210	SSLP	ChrX:69741824-69741934	B6/B6

Genetic Background Monitoring Report

No.: 091201-3

BRC No.: RBRC01888

Strain Name (Official Nomenclature): B6(C)-Kit<W-sh>

Strain Type: Mutant strain

Strain of Origin: (C3H/HeN x 101/H)F1

Donor Strain: C;B6 a Tyrp1-Kit<W-sh>

Background Strain C57BL/6J

Date: 2009/12/1

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	D00000304 (N10) Male
79 DXMit149	SSLP	ChrX:124541535-124541811	B6/B6
80 DXMit249	SSLP	ChrX:160413766-160413877	B6/B6

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:

BALB/BALB_BALB/c homozygous allele, B6/B6_C57BL/6 homozygous allele, BALB/B6_heterozygous allele