

Genetic Background Monitoring Report

No.: 101202-3

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6.B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Strain

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2010/12/2

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

Genetic Background Monitoring Report

No.: 091007

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6.B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Strain

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/10/7

Locus	Type	ID of animals surveyed		S00200101	S00200104	S00200105
		(Generation ¹) / Sex	Location ²	(G3+N5) Female	(G3+N5) Male	(G3+N5) Male
1	D1Mit170	SSLP	Chr1:36083115-36083218	B6/B6	B6/B6	B6/B6
2	D1Mit24	SSLP	Chr1:74458254-74458455	B6/B6	B6/B6	B6/B6
3	D1Mit387	SSLP	Chr1:117229213-117229337	B6/B6	B6/B6	B6/B6
4	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/B6	B6/B6
5	D1Mit361	SSLP	Chr1:188085708-188085878	B6/B6	B6/B6	B6/B6
6	D1Mit155	SSLP	Chr1:196255163-196255414	B6/B6	B6/B6	B6/B6
7	D2Mit293	SSLP	Chr2:25273559-25273748	B6/B6	B6/B6	B6/B6
8	D2Mit433	SSLP	Chr2:57149522-57149694	B6/B6	B6/B6	B6/B6
9	D2Mit394	SSLP	Chr2:116965256-116965376	B6/B6	B6/B6	B6/B6
10	D2Mit304	SSLP	Chr2:128157520-128157637	B6/B6	B6/B6	B6/B6
11	D2Mit456	SSLP	Chr2:168761877-168761999	B6/B6	B6/B6	B6/B6
12	D3Mit151	SSLP	Chr3:31137265-31137413	B6/B6	B6/B6	B6/B6
13	D3Mit230	SSLP	Chr3:82366294-82366439	B6/B6	B6/B6	B6/B6
14	D3Mit252	SSLP	Chr3:Syntenic	B6/B6	B6/B6	B6/B6
15	D3Mit147	SSLP	Chr3:148408373-148408506	B6/B6	B6/B6	B6/B6
16	D4Mit171	SSLP	Chr4:22413431-22413736	B6/B6	B6/B6	B6/B6
17	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6	B6/B6	B6/B6
18	D4Mit178	SSLP	Chr4:66843059-66843205	B6/B6	B6/B6	B6/B6
19	D4Mit308	SSLP	Chr4:123838543-123838630	B6/B6	B6/B6	B6/B6
20	D4Mit234	SSLP	Chr4:Syntenic	B6/B6	B6/B6	B6/B6
21	D5Mit294	SSLP	Chr5:20863135-20863329	B6/B6	B6/B6	B6/B6
22	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6	B6/B6
23	D5Mit398	SSLP	Chr5:89700063-89700172	B6/B6	B6/B6	B6/B6
24	D5Mit161	SSLP	Chr5:127404260-127404378	B6/B6	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6	B6/B6
26	D6Mit102	SSLP	Chr6:93413943-93414087	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	D7Mit66	SSLP	Chr7:127029510-127029671	B6/B6	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/B6	B6/B6	B6/B6
34	D8Mit293	SSLP	Chr8:37226054-37226173	B6/B6	B6/B6	B6/B6
35	D8Mit81	SSLP	Chr8:91727514-91727649	B6/B6	B6/B6	B6/B6
36	D8Mit271	SSLP	Chr8:116884022-116884117	B6/B6	B6/B6	B6/B6
37	D9Mit90	SSLP	Chr9:32308040-32308179	B6/B6	B6/B6	B6/B6
38	D9Mit229	SSLP	Chr9:49349226-49349351	B6/B6	B6/B6	B6/B6
39	D9Mit50	SSLP	Chr9:94341243-94341401	B6/B6	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 091007

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6.B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Strain

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/10/7

Locus	Type	ID of animals surveyed		S00200101	S00200104	S00200105
		(Generation ¹) / Sex		(G3+N5)	(G3+N5)	(G3+N5)
		Location ²		Female	Male	Male
41	D10Mit3	SSLP	Chr10:28871992-28872234	B6/B6	B6/B6	B6/B6
42	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6	B6/B6	B6/B6
43	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6	B6/B6	B6/B6
44	D11Mit20	SSLP	Chr11:44552713-44552826	B6/B6	B6/B6	B6/B6
45	D11Mit219	SSLP	Chr11:72132472-72132603	B6/B6	B6/B6	B6/B6
46	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6	B6/B6	B6/B6
47	D12Mit153	SSLP	Chr12:35920169-35920310	B6/B6	B6/B6	B6/B6
48	D12Mit34	SSLP	Chr12:70900839-70901009	B6/B6	B6/B6	B6/B6
49	D12Mit7	SSLP	Chr12:Syntenic	B6/B6	B6/B6	B6/B6
50	D12Mit17	SSLP	Chr12:Syntenic	B6/B6	B6/B6	B6/B6
51	D13Mit3	SSLP	Chr13:20523211-20523371	B6/B6	B6/B6	B6/B6
52	D13Mit250	SSLP	Chr13:56424004-56424131	B6/B6	B6/B6	B6/B6
53	D13Mit213	SSLP	Chr13:109037352-109037500	B6/B6	B6/B6	B6/B6
54	D14Mit259	SSLP	Chr14:54729500-54729624	B6/B6	B6/B6	B6/B6
55	D14Mit193	SSLP	Chr14:71921427-71921544	B6/B6	B6/B6	B6/B6
56	D14Mit266	SSLP	Chr14:121431467-121431614	B6/B6	B6/B6	B6/B6
57	D15Mit5	SSLP	Chr15:43279930-43280030	B6/B6	B6/B6	B6/B6
58	D15Mit237	SSLP	Chr15:73710792-73710910	B6/B6	B6/B6	B6/B6
59	D15Mit193	SSLP	Chr15:97772190-97772318	B6/B6	B6/B6	B6/B6
60	D16Mit131	SSLP	Chr16:7319135-7319274	B6/B6	B6/B6	B6/B6
61	D16Mit59	SSLP	Chr16:38433970-38434154	B6/B6	B6/B6	B6/B6
62	D16Mit50	SSLP	Chr16:78953071-78953200	B6/B6	B6/B6	B6/B6
63	D17Mit16	SSLP	Chr17:33737692-33737814	B6/B6	B6/B6	B6/B6
64	D17Mit218	SSLP	Chr17:72217233-72217348	B6/B6	B6/B6	B6/B6
65	D17Mit123	SSLP	Chr17:93598959-93599091	B6/B6	B6/B6	B6/B6
66	D18Mit68	SSLP	Chr18:21594126-21594238	B6/B6	B6/B6	B6/B6
67	D18Mit124	SSLP	Chr18:57617141-57617290	B6/B6	B6/B6	B6/B6
68	D18Mit184	SSLP	Chr18:66978897-66979068	B6/B6	B6/B6	B6/B6
69	D18Mit80	SSLP	Chr18:77065228-77065337	B6/B6	B6/B6	B6/B6
70	D19Mit41	SSLP	Chr19:18750890-18751053	B6/B6	B6/B6	B6/B6
71	D19Mit53	SSLP	Chr19:45226399-45226509	B6/B6	B6/B6	B6/B6
72	D19Mit33	SSLP	Chr19:56270122-56270383	B6/B6	B6/B6	B6/B6
73	DXMit166	SSLP	ChrX:49036675-49036788	B6/B6	B6/B6	B6/B6
74	DXMit143	SSLP	ChrX:Syntenic	B6/B6	B6/B6	B6/B6
75	DXMit117	SSLP	ChrX:127822562-127822687	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

Genetic Background Monitoring Report

No.: 091007

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6.B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Strain

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/10/7

Locus	Type	Location ²	ID of animals surveyed (Generation ¹) / Sex	S00200101 (G3+N5) Female	S00200104 (G3+N5) Male	S00200105 (G3+N5) Male
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Haplotype combination:

B6/B6_C57BL/6 homozygous allele, D2/D2_DBA/2 homozygous allele, B6/D2_heterozygous allele

Genetic Background Monitoring Report

No.: 091127-1201

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/11/27

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00200201	S00200204	S00200205	S00200206	S00200207
			(G3+N5) Female	(G3+N5) Male	(G3+N5) Male	(G3+N5) Male	(G3+N5) Male
1	D1Mit170	SSLP Chr1:36083115-36083218	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
2	D1Mit24	SSLP Chr1:74458254-74458455	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
3	D1Mit387	SSLP Chr1:117229213-117229337	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
4	D1Mit33	SSLP Chr1:160335734-160335833	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
5	D1Mit361	SSLP Chr1:188085708-188085878	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
6	D1Mit155	SSLP Chr1:196255163-196255414	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
7	D2Mit293	SSLP Chr2:25273559-25273748	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
8	D2Mit433	SSLP Chr2:57149522-57149694	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
9	D2Mit394	SSLP Chr2:116965256-116965376	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
10	D2Mit304	SSLP Chr2:128157520-128157637	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
11	D2Mit456	SSLP Chr2:168761877-168761999	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
12	D3Mit151	SSLP Chr3:31137265-31137413	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
13	D3Mit230	SSLP Chr3:82366294-82366439	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
14	D3Mit252	SSLP Chr3:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
15	D3Mit147	SSLP Chr3:148408373-148408506	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
16	D4Mit171	SSLP Chr4:22413431-22413736	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
17	D4Mit111	SSLP Chr4:53563711-53563839	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
18	D4Mit178	SSLP Chr4:66843059-66843205	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
19	D4Mit308	SSLP Chr4:123838543-123838630	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
20	D4Mit234	SSLP Chr4:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
21	D5Mit294	SSLP Chr5:20863135-20863329	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
22	D5Mit394	SSLP Chr5:54734074-54734215	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
23	D5Mit398	SSLP Chr5:89700063-89700172	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
24	D5Mit161	SSLP Chr5:127404260-127404378	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	D6Mit102	SSLP Chr6:93413943-93414087	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	D7Mit66	SSLP Chr7:127029510-127029671	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	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
34	D8Mit293	SSLP Chr8:37226054-37226173	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
35	D8Mit81	SSLP Chr8:91727514-91727649	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
36	D8Mit271	SSLP Chr8:116884022-116884117	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
37	D9Mit90	SSLP Chr9:32308040-32308179	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
38	D9Mit229	SSLP Chr9:49349226-49349351	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
39	D9Mit50	SSLP Chr9:94341243-94341401	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	D10Mit3	SSLP Chr10:28871992-28872234	B6/D2	B6/B6	B6/B6	B6/D2	B6/B6
42	D10Mit42	SSLP Chr10:82117849-82118032	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
43	D10Mit180	SSLP Chr10:117587667-117587800	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
44	D11Mit20	SSLP Chr11:44552713-44552826	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
45	D11Mit219	SSLP Chr11:72132472-72132603	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/11/27

Locus	Type	ID of animals surveyed (Generation ¹) / Sex Location ²	S00200201	S00200204	S00200205	S00200206	S00200207
			(G3+N5) Female	(G3+N5) Male	(G3+N5) Male	(G3+N5) Male	(G3+N5) Male
46	D11Mit333	SSLP Chr11:108575096-108575220	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
47	D12Mit153	SSLP Chr12:35920169-35920310	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
48	D12Mit34	SSLP Chr12:70900839-70901009	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
49	D12Mit7	SSLP Chr12:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
50	D12Mit17	SSLP Chr12:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
51	D13Mit3	SSLP Chr13:20523211-20523371	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
52	D13Mit250	SSLP Chr13:56424004-56424131	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
53	D13Mit213	SSLP Chr13:109037352-109037500	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
54	D14Mit259	SSLP Chr14:54729500-54729624	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
55	D14Mit193	SSLP Chr14:71921427-71921544	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
56	D14Mit266	SSLP Chr14:121431467-121431614	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
57	D15Mit5	SSLP Chr15:43279930-43280030	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
58	D15Mit237	SSLP Chr15:73710792-73710910	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
59	D15Mit193	SSLP Chr15:97772190-97772318	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
60	D16Mit131	SSLP Chr16:7319135-7319274	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
61	D16Mit59	SSLP Chr16:38433970-38434154	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
62	D16Mit50	SSLP Chr16:78953071-78953200	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
63	D17Mit16	SSLP Chr17:33737692-33737814	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
64	D17Mit218	SSLP Chr17:72217233-72217348	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
65	D17Mit123	SSLP Chr17:93598959-93599091	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
66	D18Mit68	SSLP Chr18:21594126-21594238	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
67	D18Mit124	SSLP Chr18:57617141-57617290	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
68	D18Mit184	SSLP Chr18:66978897-66979068	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
69	D18Mit80	SSLP Chr18:77065228-77065337	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
70	D19Mit41	SSLP Chr19:18750890-18751053	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
71	D19Mit53	SSLP Chr19:45226399-45226509	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
72	D19Mit33	SSLP Chr19:56270122-56270383	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
73	DXMit166	SSLP ChrX:49036675-49036788	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
74	DXMit143	SSLP ChrX:Syntenic	B6/B6	B6/B6	B6/B6	B6/B6	B6/B6
75	DXMit117	SSLP ChrX:127822562-127822687	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:

B6/B6_C57BL/6 homozygous allele, D2/D2_DBA/2 homozygous allele, B6/D2_heterozygous allele

Genetic Background Monitoring Report

No.: 090716

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/7/16

Locus	Type	ID of animals surveyed		S00130101	S00130105
		(Generation ¹) / Sex	Location ²	(G3+N4) Female	(G3+N4) Male
1	D1Mit170	SSLP	Chr1:36083115-36083218	B6/B6	B6/B6
2	D1Mit24	SSLP	Chr1:74458254-74458455	B6/B6	B6/B6
3	D1Mit387	SSLP	Chr1:117229213-117229337	B6/B6	B6/B6
4	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/B6
5	D1Mit361	SSLP	Chr1:188085708-188085878	B6/B6	B6/B6
6	D1Mit155	SSLP	Chr1:196255163-196255414	B6/B6	B6/B6
7	D2Mit293	SSLP	Chr2:25273559-25273748	B6/B6	B6/B6
8	D2Mit433	SSLP	Chr2:57149522-57149694	B6/B6	B6/B6
9	D2Mit394	SSLP	Chr2:116965256-116965376	B6/B6	B6/B6
10	D2Mit304	SSLP	Chr2:128157520-128157637	B6/B6	B6/B6
11	D2Mit456	SSLP	Chr2:168761877-168761999	B6/B6	B6/B6
12	D3Mit151	SSLP	Chr3:31137265-31137413	B6/B6	B6/B6
13	D3Mit230	SSLP	Chr3:82366294-82366439	B6/B6	B6/B6
14	D3Mit252	SSLP	Chr3:Syntenic	B6/B6	B6/B6
15	D3Mit147	SSLP	Chr3:148408373-148408506	B6/B6	B6/B6
16	D4Mit171	SSLP	Chr4:22413431-22413736	B6/D2	B6/B6
17	D4Mit111	SSLP	Chr4:53563711-53563839	B6/B6	B6/B6
18	D4Mit178	SSLP	Chr4:66843059-66843205	B6/B6	B6/B6
19	D4Mit308	SSLP	Chr4:123838543-123838630	B6/B6	B6/B6
20	D4Mit234	SSLP	Chr4:Syntenic	B6/B6	B6/B6
21	D5Mit294	SSLP	Chr5:20863135-20863329	B6/B6	B6/B6
22	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6
23	D5Mit398	SSLP	Chr5:89700063-89700172	B6/B6	B6/B6
24	D5Mit161	SSLP	Chr5:127404260-127404378	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6
26	D6Mit102	SSLP	Chr6:93413943-93414087	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	D7Mit66	SSLP	Chr7:127029510-127029671	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/B6	B6/B6
34	D8Mit293	SSLP	Chr8:37226054-37226173	B6/B6	B6/B6
35	D8Mit81	SSLP	Chr8:91727514-91727649	B6/B6	B6/B6
36	D8Mit271	SSLP	Chr8:116884022-116884117	B6/B6	B6/B6
37	D9Mit90	SSLP	Chr9:32308040-32308179	B6/B6	B6/B6
38	D9Mit229	SSLP	Chr9:49349226-49349351	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 090716

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/7/16

Locus	Type	ID of animals surveyed		S00130101	S00130105
		(Generation ¹) / Sex	Location ²	(G3+N4) Female	(G3+N4) Male
39	D9Mit50	SSLP	Chr9:94341243-94341401	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/B6	B6/B6
41	D10Mit3	SSLP	Chr10:28871992-28872234	B6/D2	B6/D2
42	D10Mit42	SSLP	Chr10:82117849-82118032	B6/B6	B6/B6
43	D10Mit180	SSLP	Chr10:117587667-117587800	B6/B6	B6/B6
44	D11Mit20	SSLP	Chr11:44552713-44552826	B6/B6	B6/B6
45	D11Mit219	SSLP	Chr11:72132472-72132603	B6/B6	B6/B6
46	D11Mit333	SSLP	Chr11:108575096-108575220	B6/B6	B6/B6
47	D12Mit153	SSLP	Chr12:35920169-35920310	B6/B6	B6/B6
48	D12Mit34	SSLP	Chr12:70900839-70901009	B6/B6	B6/B6
49	D12Mit7	SSLP	Chr12:Syntenic	B6/B6	B6/B6
50	D12Mit17	SSLP	Chr12:Syntenic	B6/B6	B6/B6
51	D13Mit3	SSLP	Chr13:20523211-20523371	B6/B6	B6/B6
52	D13Mit250	SSLP	Chr13:56424004-56424131	B6/B6	B6/B6
53	D13Mit213	SSLP	Chr13:109037352-109037500	B6/B6	B6/B6
54	D14Mit259	SSLP	Chr14:54729500-54729624	B6/B6	B6/B6
55	D14Mit193	SSLP	Chr14:71921427-71921544	B6/B6	B6/B6
56	D14Mit266	SSLP	Chr14:121431467-121431614	B6/B6	B6/B6
57	D15Mit5	SSLP	Chr15:43279930-43280030	B6/B6	B6/B6
58	D15Mit237	SSLP	Chr15:73710792-73710910	B6/B6	B6/B6
59	D15Mit193	SSLP	Chr15:97772190-97772318	B6/B6	B6/B6
60	D16Mit131	SSLP	Chr16:7319135-7319274	B6/B6	B6/B6
61	D16Mit59	SSLP	Chr16:38433970-38434154	B6/B6	B6/B6
62	D16Mit50	SSLP	Chr16:78953071-78953200	B6/B6	B6/B6
63	D17Mit16	SSLP	Chr17:33737692-33737814	B6/B6	B6/B6
64	D17Mit218	SSLP	Chr17:72217233-72217348	B6/B6	B6/B6
65	D17Mit123	SSLP	Chr17:93598959-93599091	B6/B6	B6/B6
66	D18Mit68	SSLP	Chr18:21594126-21594238	B6/B6	B6/B6
67	D18Mit124	SSLP	Chr18:57617141-57617290	B6/B6	B6/B6
68	D18Mit184	SSLP	Chr18:66978897-66979068	B6/B6	B6/B6
69	D18Mit80	SSLP	Chr18:77065228-77065337	B6/B6	B6/B6
70	D19Mit41	SSLP	Chr19:18750890-18751053	B6/B6	B6/B6
71	D19Mit53	SSLP	Chr19:45226399-45226509	B6/B6	B6/B6
72	D19Mit33	SSLP	Chr19:56270122-56270383	B6/B6	B6/B6
73	DXMit166	SSLP	ChrX:49036675-49036788	B6/B6	B6/B6
74	DXMit143	SSLP	ChrX:Syntenic	B6/B6	B6/B6
75	DXMit117	SSLP	ChrX:127822562-127822687	B6/B6	B6/B6

Genetic Background Monitoring Report

No.: 090716

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/7/16

Locus	Type	ID of animals surveyed	
		(Generation ¹) / Sex	(G3+N4)
	Location ²	Female	Male

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, D2/D2_DBA/2 homozygous allele, B6/D2_heterozygous allele

Genetic Background Monitoring Report

No.: 090625-26

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/6/25

Locus	Type	ID of animals surveyed		S00030102	S00030106	S00010102
		(Generation ¹) / Sex	Location ²	(G3+N2) Female	(G3+N2) Male	(G3+N2) Female
1	D1Mit170	SSLP	Chr1:36083115-36083218	B6/B6	B6/B6	B6/B6
2	D1Mit24	SSLP	Chr1:74458254-74458455	B6/B6	B6/B6	B6/B6
3	D1Mit387	SSLP	Chr1:117229213-117229337	B6/B6	B6/B6	B6/B6
4	D1Mit33	SSLP	Chr1:160335734-160335833	B6/B6	B6/D2	B6/D2
5	D1Mit361	SSLP	Chr1:188085708-188085878	B6/B6	B6/B6	B6/B6
6	D1Mit155	SSLP	Chr1:196255163-196255414	B6/D2	B6/D2	B6/B6
7	D2Mit293	SSLP	Chr2:25273559-25273748	B6/B6	B6/B6	B6/B6
8	D2Mit433	SSLP	Chr2:57149522-57149694	B6/B6	B6/D2	B6/B6
9	D2Mit394	SSLP	Chr2:116965256-116965376	B6/B6	B6/D2	B6/B6
10	D2Mit304	SSLP	Chr2:128157520-128157637	B6/B6	B6/D2	B6/B6
11	D2Mit456	SSLP	Chr2:168761877-168761999	B6/B6	B6/B6	B6/B6
12	D3Mit151	SSLP	Chr3:31137265-31137413	B6/B6	B6/B6	B6/B6
13	D3Mit230	SSLP	Chr3:82366294-82366439	B6/B6	B6/B6	B6/B6
14	D3Mit252	SSLP	Chr3:Syntenic	B6/B6	B6/B6	B6/B6
15	D3Mit147	SSLP	Chr3:148408373-148408506	B6/B6	B6/B6	B6/D2
16	D4Mit171	SSLP	Chr4:22413431-22413736	B6/B6	B6/D2	B6/D2
17	D4Mit111	SSLP	Chr4:53563711-53563839	B6/D2	B6/D2	B6/B6
18	D4Mit178	SSLP	Chr4:66843059-66843205	B6/B6	B6/B6	B6/B6
19	D4Mit308	SSLP	Chr4:123838543-123838630	B6/B6	B6/D2	B6/B6
20	D4Mit234	SSLP	Chr4:Syntenic	B6/B6	B6/B6	B6/B6
21	D5Mit294	SSLP	Chr5:20863135-20863329	B6/B6	B6/B6	B6/D2
22	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	B6/B6	B6/B6
23	D5Mit398	SSLP	Chr5:89700063-89700172	B6/B6	B6/B6	B6/B6
24	D5Mit161	SSLP	Chr5:127404260-127404378	B6/B6	B6/B6	B6/B6
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/B6	B6/B6	B6/B6
26	D6Mit102	SSLP	Chr6:93413943-93414087	B6/D2	B6/B6	B6/D2
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/D2	B6/B6	B6/D2
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/D2	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	D7Mit66	SSLP	Chr7:127029510-127029671	B6/B6	B6/B6	B6/B6
32	D7Mit189	SSLP	Chr7:Syntenic	B6/B6	B6/B6	B6/B6
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/B6	B6/B6	B6/B6
34	D8Mit293	SSLP	Chr8:37226054-37226173	B6/B6	B6/B6	B6/B6
35	D8Mit81	SSLP	Chr8:91727514-91727649	B6/B6	B6/B6	B6/B6
36	D8Mit271	SSLP	Chr8:116884022-116884117	B6/B6	B6/B6	B6/B6
37	D9Mit90	SSLP	Chr9:32308040-32308179	B6/B6	B6/D2	B6/B6
38	D9Mit229	SSLP	Chr9:49349226-49349351	B6/D2	B6/B6	B6/B6
39	D9Mit50	SSLP	Chr9:94341243-94341401	B6/D2	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/D2	B6/D2	B6/B6

Genetic Background Monitoring Report

No.: 090625-26

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/6/25

Locus	Type	ID of animals surveyed		S00030102	S00030106	S00010102
		(Generation ¹) / Sex		(G3+N2)	(G3+N2)	(G3+N2)
		Location ²		Female	Male	Female
41	D10Mit3	SSLP Chr10:28871992-28872234		B6/D2	B6/D2	B6/D2
42	D10Mit42	SSLP Chr10:82117849-82118032		B6/B6	B6/B6	B6/B6
43	D10Mit180	SSLP Chr10:117587667-117587800		B6/B6	B6/B6	B6/B6
44	D11Mit20	SSLP Chr11:44552713-44552826		B6/B6	B6/B6	B6/B6
45	D11Mit219	SSLP Chr11:72132472-72132603		B6/B6	B6/B6	B6/B6
46	D11Mit333	SSLP Chr11:108575096-108575220		B6/B6	B6/B6	B6/B6
47	D12Mit153	SSLP Chr12:35920169-35920310		B6/B6	B6/B6	B6/B6
48	D12Mit34	SSLP Chr12:70900839-70901009		B6/B6	B6/B6	B6/B6
49	D12Mit7	SSLP Chr12:Syntenic		B6/B6	B6/B6	B6/B6
50	D12Mit17	SSLP Chr12:Syntenic		B6/B6	B6/B6	B6/B6
51	D13Mit3	SSLP Chr13:20523211-20523371		B6/B6	B6/B6	B6/B6
52	D13Mit250	SSLP Chr13:56424004-56424131		B6/B6	B6/B6	B6/B6
53	D13Mit213	SSLP Chr13:109037352-109037500		B6/B6	B6/B6	B6/B6
54	D14Mit259	SSLP Chr14:54729500-54729624		B6/B6	B6/B6	B6/B6
55	D14Mit193	SSLP Chr14:71921427-71921544		B6/B6	B6/B6	B6/B6
56	D14Mit266	SSLP Chr14:121431467-121431614		B6/D2	B6/D2	B6/D2
57	D15Mit5	SSLP Chr15:43279930-43280030		B6/D2	B6/B6	B6/D2
58	D15Mit237	SSLP Chr15:73710792-73710910		B6/D2	B6/B6	B6/D2
59	D15Mit193	SSLP Chr15:97772190-97772318		B6/D2	B6/B6	B6/B6
60	D16Mit131	SSLP Chr16:7319135-7319274		B6/B6	B6/B6	B6/B6
61	D16Mit59	SSLP Chr16:38433970-38434154		B6/B6	B6/B6	B6/B6
62	D16Mit50	SSLP Chr16:78953071-78953200		B6/B6	B6/B6	B6/B6
63	D17Mit16	SSLP Chr17:33737692-33737814		B6/B6	B6/B6	B6/B6
64	D17Mit218	SSLP Chr17:72217233-72217348		B6/B6	B6/B6	B6/B6
65	D17Mit123	SSLP Chr17:93598959-93599091		B6/B6	B6/B6	B6/B6
66	D18Mit68	SSLP Chr18:21594126-21594238		B6/D2	B6/B6	B6/D2
67	D18Mit124	SSLP Chr18:57617141-57617290		B6/D2	B6/B6	B6/D2
68	D18Mit184	SSLP Chr18:66978897-66979068		B6/D2	B6/B6	B6/D2
69	D18Mit80	SSLP Chr18:77065228-77065337		B6/D2	B6/B6	B6/D2
70	D19Mit41	SSLP Chr19:18750890-18751053		B6/D2	B6/D2	B6/D2
71	D19Mit53	SSLP Chr19:45226399-45226509		B6/D2	B6/D2	B6/D2
72	D19Mit33	SSLP Chr19:56270122-56270383		B6/D2?	B6/D2	B6/D2
73	DXMit166	SSLP ChrX:49036675-49036788		B6/B6	B6/B6	B6/B6
74	DXMit143	SSLP ChrX:Syntenic		B6/B6	B6/B6	B6/B6
75	DXMit117	SSLP ChrX:127822562-127822687		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

Genetic Background Monitoring ReportNo.: 090625-26

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/6/25

Locus	Type	Location ²	ID of animals surveyed (Generation ¹) / Sex	S00030102 (G3+N2) Female	S00030106 (G3+N2) Male	S00010102 (G3+N2) Female
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Haplotype combination:

B6/B6_C57BL/6 homozygous allele, D2/D2_DBA/2 homozygous allele, B6/D2_heterozygous allele

Genetic Background Monitoring Report

No.: 090610-17

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/6/10

Locus	Type	ID of animals surveyed		D00000101	D00000102	D00000201
		(Generation ¹) / Sex	Location ²	(G3+N0) Male	(G3+N0) Male	(G3+N0) Female
1	D1Mit170	SSLP	Chr1:36083115-36083218	B6/D2	B6/B6	B6/D2
2	D1Mit24	SSLP	Chr1:74458254-74458455	D2/D2	B6/D2	D2/D2
3	D1Mit387	SSLP	Chr1:117229213-117229337	D2/D2	B6/D2	D2/D2
4	D1Mit33	SSLP	Chr1:160335734-160335833	D2/D2	B6/D2	D2/D2
5	D1Mit361	SSLP	Chr1:188085708-188085878	B6/D2	B6/D2	B6/D2
6	D1Mit155	SSLP	Chr1:196255163-196255414	B6/D2	B6/D2	B6/D2
7	D2Mit293	SSLP	Chr2:25273559-25273748	B6/B6	B6/B6	D2/D2
8	D2Mit433	SSLP	Chr2:57149522-57149694	B6/D2	B6/D2	D2/D2
9	D2Mit394	SSLP	Chr2:116965256-116965376	B6/D2	B6/D2	D2/D2
10	D2Mit304	SSLP	Chr2:128157520-128157637	B6/D2	B6/D2	D2/D2
11	D2Mit456	SSLP	Chr2:168761877-168761999	B6/B6	B6/B6	D2/D2
12	D3Mit151	SSLP	Chr3:31137265-31137413	B6/B6	B6/D2	B6/D2
13	D3Mit230	SSLP	Chr3:82366294-82366439	B6/B6	B6/D2	B6/B6
14	D3Mit252	SSLP	Chr3:Syntenic	B6/B6	B6/D2	B6/B6
15	D3Mit147	SSLP	Chr3:148408373-148408506	B6/D2	B6/D2	B6/D2
16	D4Mit171	SSLP	Chr4:22413431-22413736	B6/D2	B6/D2	B6/D2
17	D4Mit111	SSLP	Chr4:53563711-53563839	B6/D2	B6/D2	B6/B6
18	D4Mit178	SSLP	Chr4:66843059-66843205	B6/D2	B6/D2	B6/D2
19	D4Mit308	SSLP	Chr4:123838543-123838630	B6/D2	B6/D2	B6/B6
20	D4Mit234	SSLP	Chr4:Syntenic	B6/B6	D2/D2	B6/B6
21	D5Mit294	SSLP	Chr5:20863135-20863329	B6/D2	B6/D2	B6/D2
22	D5Mit394	SSLP	Chr5:54734074-54734215	B6/B6	D2/D2	B6/D2
23	D5Mit398	SSLP	Chr5:89700063-89700172	B6/B6	D2/D2	B6/D2
24	D5Mit161	SSLP	Chr5:127404260-127404378	B6/B6	B6/D2	B6/D2
25	D6Mit74	SSLP	Chr6:48676555-48676704	B6/D2	B6/D2	B6/B6
26	D6Mit102	SSLP	Chr6:93413943-93414087	B6/D2	B6/D2	B6/B6
27	D6Mit254	SSLP	Chr6:125306664-125306803	B6/D2	B6/D2	B6/D2
28	D6Mit15	SSLP	Chr6:146377508-146377760	B6/D2	B6/D2	B6/D2
29	D7Mit246	SSLP	Chr7:31118079-31118215	B6/B6	B6/D2	B6/B6
30	D7Mit318	SSLP	Chr7:81093848-81093997	B6/B6	B6/D2	B6/D2
31	D7Mit66	SSLP	Chr7:127029510-127029671	B6/D2	B6/D2	B6/D2
32	D7Mit189	SSLP	Chr7:Syntenic	D2/D2	D2/D2	D2/D2
33	D8Mit94	SSLP	Chr8:32452130-32452283	B6/B6	B6/B6	B6/B6
34	D8Mit293	SSLP	Chr8:37226054-37226173	B6/B6	B6/B6	B6/B6
35	D8Mit81	SSLP	Chr8:91727514-91727649	B6/B6	B6/B6	B6/B6
36	D8Mit271	SSLP	Chr8:116884022-116884117	B6/B6	B6/B6	B6/D2
37	D9Mit90	SSLP	Chr9:32308040-32308179	D2/D2	D2/D2	B6/B6
38	D9Mit229	SSLP	Chr9:49349226-49349351	D2/D2	B6/D2	B6/B6
39	D9Mit50	SSLP	Chr9:94341243-94341401	B6/D2	B6/B6	B6/B6
40	D9Mit18	SSLP	Chr9:120198563-120198742	B6/D2	B6/B6	B6/B6
41	D10Mit3	SSLP	Chr10:28871992-28872234	B6/D2	B6/B6	B6/D2

Genetic Background Monitoring Report

No.: 090610-17

BRC No.: RBRC02707

Strain Name (Official Nomenclature): B6;B6D2-Tg(Fucci)596Bsi

Strain Type: Mutant Stock

Strain of Origin: (C57BL/6 x DBA/2)F1

Donor Strain: -

Background Strain: C57BL/6NJcl

Date: 2009/6/10

Locus	Type	ID of animals surveyed		D00000101	D00000102	D00000201
		(Generation ¹) / Sex		(G3+N0)	(G3+N0)	(G3+N0)
		Location ²		Male	Male	Female
42	D10Mit42	SSLP Chr10:82117849-82118032		B6/D2	B6/D2	D2/D2
43	D10Mit180	SSLP Chr10:117587667-117587800		B6/B6	B6/D2	B6/D2
44	D11Mit20	SSLP Chr11:44552713-44552826		B6/D2	B6/D2	B6/D2
45	D11Mit219	SSLP Chr11:72132472-72132603		B6/B6	B6/B6	D2/D2
46	D11Mit333	SSLP Chr11:108575096-108575220		B6/B6	B6/B6	B6/D2
47	D12Mit153	SSLP Chr12:35920169-35920310		B6/B6	B6/B6	D2/D2
48	D12Mit34	SSLP Chr12:70900839-70901009		B6/B6	B6/D2	D2/D2
49	D12Mit7	SSLP Chr12:Syntenic		B6/B6	B6/D2	D2/D2
50	D12Mit17	SSLP Chr12:Syntenic		B6/B6	B6/D2	D2/D2
51	D13Mit3	SSLP Chr13:20523211-20523371		B6/B6	B6/B6	B6/D2
52	D13Mit250	SSLP Chr13:56424004-56424131		B6/D2	B6/D2	B6/B6
53	D13Mit213	SSLP Chr13:109037352-109037500		B6/D2	B6/B6	B6/B6
54	D14Mit259	SSLP Chr14:54729500-54729624		B6/B6	B6/B6	D2/D2
55	D14Mit193	SSLP Chr14:71921427-71921544		B6/B6	B6/B6	B6/B6
56	D14Mit266	SSLP Chr14:121431467-121431614		D2/D2	B6/B6	B6/D2
57	D15Mit5	SSLP Chr15:43279930-43280030		B6/D2	B6/D2	B6/B6
58	D15Mit237	SSLP Chr15:73710792-73710910		D2/D2	D2/D2	B6/B6
59	D15Mit193	SSLP Chr15:97772190-97772318		B6/D2	D2/D2	B6/B6
60	D16Mit131	SSLP Chr16:7319135-7319274		B6/D2	B6/D2	B6/B6
61	D16Mit59	SSLP Chr16:38433970-38434154		B6/B6	B6/B6	B6/B6
62	D16Mit50	SSLP Chr16:78953071-78953200		B6/B6	B6/B6	B6/D2
63	D17Mit16	SSLP Chr17:33737692-33737814		B6/D2	B6/D2?	B6/B6
64	D17Mit218	SSLP Chr17:72217233-72217348		B6/D2	B6/B6	D2/D2
65	D17Mit123	SSLP Chr17:93598959-93599091		B6/D2	B6/D2	B6/B6
66	D18Mit68	SSLP Chr18:21594126-21594238		B6/D2	B6/D2	B6/D2
67	D18Mit124	SSLP Chr18:57617141-57617290		B6/D2	B6/D2	B6/D2
68	D18Mit184	SSLP Chr18:66978897-66979068		D2/D2	D2/D2	B6/D2
69	D18Mit80	SSLP Chr18:77065228-77065337		D2/D2	D2/D2	B6/D2
70	D19Mit41	SSLP Chr19:18750890-18751053		B6/D2	B6/D2	D2/D2
71	D19Mit53	SSLP Chr19:45226399-45226509		B6/D2	B6/D2	D2/D2
72	D19Mit33	SSLP Chr19:56270122-56270383		B6/D2	B6/D2	D2/D2
73	DXMit166	SSLP ChrX:49036675-49036788		B6/B6	D2/D2	B6/D2
74	DXMit143	SSLP ChrX:Syntenic		B6/B6	D2/D2	B6/D2
75	DXMit117	SSLP ChrX:127822562-127822687		B6/B6	D2/D2	D2/D2

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, D2/D2_DBA/2 homozygous allele, B6/D2_heterozygous allele