

## Genetic Background Monitoring Report

No.: 100616-24

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3&lt;tm1Ttg&gt;

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: 2010/6/16

Locus	Type	ID of animals surveyed		S00330204	S00330209
		(Generation <sup>1</sup> ) / Sex		(N8?+F28)	(N8?+F28)
		Location <sup>2</sup>		Female	Male
1	<b>D1Mit3</b>	SSLP	Chr1:19802051-19802209	<b>B6/B6</b>	<b>B6/B6</b>
2	<b>D1Mit322</b>	SSLP	Chr1:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
3	<b>D1Mit19</b>	SSLP	Chr1:73734337-73734492	<b>B6/B6</b>	<b>B6/B6</b>
4	<b>D1Mit306</b>	SSLP	Chr1:98827535-98827643	<b>B6/B6</b>	<b>B6/B6</b>
5	<b>D1Mit501</b>	SSLP	Chr1:154473511-154473632	<b>B6/B6</b>	<b>B6/B6</b>
6	<b>D1Mit150</b>	SSLP	Chr1:176558864-176559001	<b>B6/B6</b>	<b>B6/B6</b>
7	<b>D2Mit431</b>	SSLP	Chr2:27277814-27277911	<b>129/129</b>	<b>129/129</b>
8	<b>D2Mit9</b>	SSLP	Chr2:65277459-65277647	<b>B6/B6</b>	<b>B6/B6</b>
9	<b>D2Mit206</b>	SSLP	Chr2:106750096-106750239	<b>129/129</b>	<b>129/129</b>
10	<b>D2Mit493</b>	SSLP	Chr2:153798642-153798751	<b>B6/B6</b>	<b>B6/B6</b>
11	<b>D2Mit456</b>	SSLP	Chr2:168761877-168761999	<b>B6/B6</b>	<b>B6/B6</b>
12	<b>D2Mit148</b>	SSLP	Chr2:178535250-178535364	<b>B6/B6</b>	<b>B6/B6</b>
13	<b>D3Mit151</b>	SSLP	Chr3:31137265-31137413	<b>129/129</b>	<b>129/129</b>
14	<b>D3Mit278</b>	SSLP	Chr3:71816030-71816141	<b>129/129</b>	<b>129/129</b>
15	<b>D3Mit318</b>	SSLP	Chr3:123334565-123334712	<b>B6/B6</b>	<b>B6/B6</b>
16	<b>D3Mit293</b>	SSLP	Chr3:148932688-148932790	<b>B6/B6</b>	<b>B6/B6</b>
17	<b>D4Mit149</b>	SSLP	Chr4:3584271-3584381	<b>B6/B6</b>	<b>B6/B6</b>
18	<b>D4Mit2</b>	SSLP	Chr4:25610387-25610576	<b>B6/B6</b>	<b>B6/B6</b>
19	<b>D4Mit17</b>	SSLP	Chr4:63026328-63026475	<b>129/129</b>	<b>129/129</b>
20	<b>D4Mit178</b>	SSLP	Chr4:66843059-66843205	<b>129/129</b>	<b>129/129</b>
21	<b>D4Mit308</b>	SSLP	Chr4:123838543-123838630	<b>B6/B6</b>	<b>B6/B6</b>
22	<b>D4Mit254</b>	SSLP	Chr4:153093974-153094108	<b>B6/B6</b>	<b>B6/B6</b>
23	<b>D5Mit48</b>	SSLP	Chr5:8797672-8797875	<b>B6/B6</b>	<b>B6/B6</b>
24	<b>D5Mit267</b>	SSLP	Chr5:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
25	<b>D5Mit398</b>	SSLP	Chr5:89700063-89700172	<b>129/129</b>	<b>129/129</b>
26	<b>D5Mit95</b>	SSLP	Chr5:125309605-125309718	<b>B6/B6</b>	<b>B6/B6</b>
27	<b>D5Mit320</b>	SSLP	Chr5:127286127-127286250	<b>B6/B6</b>	<b>B6/B6</b>
28	<b>D5Mit374</b>	SSLP	Chr5:139608988-139609104	<b>B6/B6</b>	<b>B6/B6</b>
29	<b>D6Mit316</b>	SSLP	Chr6:55505943-55506037	<b>B6/B6</b>	<b>B6/B6</b>
30	<b>D6Mit9</b>	SSLP	Chr6:87375892-87376028	<b>B6/B6</b>	<b>B6/B6</b>
31	<b>D6Mit102</b>	SSLP	Chr6:93413943-93414087	<b>B6/B6</b>	<b>B6/B6</b>
32	<b>D6Mit55</b>	SSLP	Chr6:114232092-114232201	<b>B6/B6</b>	<b>B6/B6</b>
33	<b>D6Mit339</b>	SSLP	Chr6:136372097-136372213	<b>B6/B6</b>	<b>B6/B6</b>
34	<b>D7Mit246</b>	SSLP	Chr7:31118079-31118215	<b>129/129</b>	<b>129/129</b>
35	<b>D7Mit81</b>	SSLP	Chr7:52767912-52768056	<b>129/129</b>	<b>129/129</b>
36	<b>D7Mit238</b>	SSLP	Chr7:126237672-126237821	<b>129/129</b>	<b>129/129</b>
37	<b>D7Mit189</b>	SSLP	Chr7:Syntenic	<b>129/129</b>	<b>129/129</b>
38	<b>D8Mit293</b>	SSLP	Chr8:37226054-37226173	<b>B6/B6</b>	<b>B6/B6</b>

## Genetic Background Monitoring Report

No.: 100616-24

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3&lt;tm1Ttg&gt;

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: 2010/6/16

Locus	Type	ID of animals surveyed (Generation <sup>1</sup> ) / Sex Location <sup>2</sup>	S00330204	S00330209
			(N8?+F28) Female	(N8?+F28) Male
39	<b>D8Mit81</b>	SSLP Chr8:91727514-91727649	<b>B6/B6</b>	<b>B6/B6</b>
40	<b>D8Mit14</b>	SSLP Chr8:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
41	<b>D9Mit328</b>	SSLP Chr9:41695932-41696113	<b>B6/B6</b>	<b>B6/B6</b>
42	<b>D9Mit269</b>	SSLP Chr9:87838840-87839011	-	-
43	<b>D9Mit214</b>	SSLP Chr9:115307830-115307967	<b>129/129</b>	<b>129/129</b>
44	<b>D10Mit282</b>	SSLP Chr10:20654078-20654202	<b>B6/B6</b>	<b>B6/B6</b>
45	<b>D10Mit223</b>	SSLP Chr10:67674940-67675089	<b>B6/B6</b>	<b>B6/B6</b>
46	<b>D10Mit11</b>	SSLP Chr10:91885360-91885556	<b>B6/B6</b>	<b>B6/B6</b>
47	<b>D10Mit180</b>	SSLP Chr10:117587667-117587800	<b>B6/B6</b>	<b>B6/B6</b>
48	<b>D11Mit236</b>	SSLP Chr11:45088548-45088651	-	-
49	<b>D11Mit260</b>	SSLP Chr11:61609496-61609590	<b>129/129</b>	<b>129/129</b>
50	<b>D11Mit219</b>	SSLP Chr11:72132472-72132603	<b>B6/B6</b>	<b>B6/B6</b>
51	<b>D11Mit333</b>	SSLP Chr11:108575096-108575220	<b>129/129</b>	<b>129/129</b>
52	<b>D12Mit153</b>	SSLP Chr12:35920169-35920310	-	-
53	<b>D12Mit34</b>	SSLP Chr12:70900839-70901009	<b>129/129</b>	<b>129/129</b>
54	<b>D12Mit102</b>	SSLP Chr12:105536654-105536786	<b>B6/B6</b>	<b>B6/B6</b>
55	<b>D12Mit7</b>	SSLP Chr12:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
56	<b>D13Mit117</b>	SSLP Chr13:37654832-37654949	<b>B6/B6</b>	<b>B6/B6</b>
57	<b>D13Mit179</b>	SSLP Chr13:44860362-44860453	<b>B6/B6</b>	<b>B6/B6</b>
58	<b>D13Mit147</b>	SSLP Chr13:98359080-98359187	<b>B6/B6</b>	<b>B6/B6</b>
59	<b>D13Mit35</b>	SSLP Chr13:120128451-120128643	<b>129/129</b>	<b>129/129</b>
60	<b>D14Mit259</b>	SSLP Chr14:54729500-54729624	<b>129/129</b>	<b>129/129</b>
61	<b>D14Mit193</b>	SSLP Chr14:71921427-71921544	<b>129/129</b>	<b>129/129</b>
62	<b>D14Mit165</b>	SSLP Chr14:106982674-106982807	<b>B6/B6</b>	<b>B6/B6</b>
63	<b>D15Mit136</b>	SSLP Chr15:30776615-30776757	<b>B6/B6</b>	<b>B6/B6</b>
64	<b>D15Mit5</b>	SSLP Chr15:43279930-43280030	<b>B6/B6</b>	<b>B6/B6</b>
65	<b>D15Mit29</b>	SSLP Chr15:74075586-74075734	<b>B6/B6</b>	<b>B6/B6</b>
66	<b>D15Mit33</b>	SSLP Chr15:83586169-83586316	<b>B6/B6</b>	<b>B6/B6</b>
67	<b>D16Mit131</b>	SSLP Chr16:7319135-7319274	<b>B6/B6</b>	<b>B6/B6</b>
68	<b>D16Mit59</b>	SSLP Chr16:38433970-38434154	<b>B6/B6</b>	<b>B6/B6</b>
69	<b>D16Mit50</b>	SSLP Chr16:78953071-78953200	<b>129/129</b>	<b>129/129</b>
70	<b>D16Mit106</b>	SSLP Chr16:98051757-98051902	<b>B6/B6</b>	<b>B6/B6</b>
71	<b>D17Mit213</b>	SSLP Chr17:16752157-16752280	<b>B6/B6</b>	<b>B6/B6</b>
72	<b>D17Mit108</b>	SSLP Chr17:49744546-49744658	<b>B6/B6</b>	<b>B6/B6</b>
73	<b>D17Mit187</b>	SSLP Chr17:79631462-79631708	<b>129/129</b>	<b>129/129</b>
74	<b>D18Mit177</b>	SSLP Chr18:41142161-41142331	<b>B6/B6</b>	<b>B6/B6</b>
75	<b>D18Mit184</b>	SSLP Chr18:66978897-66979068	<b>B6/B6</b>	<b>B6/B6</b>
76	<b>D18Mit142</b>	SSLP Chr18:75548607-75548726	<b>B6/B6</b>	<b>B6/B6</b>

## Genetic Background Monitoring Report

No.: 100616-24

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3<tm1Ttg>

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: 2010/6/16

Locus	Type	ID of animals surveyed		S00330204	S00330209
		(Generation <sup>1</sup> ) / Sex		(N8?+F28)	(N8?+F28)
		Location <sup>2</sup>	Female	Male	
77	<b>D18Mit216</b>	SSLP Chr18:83585146-83585269	<b>B6/B6</b>	<b>B6/B6</b>	
78	<b>D19Mit96</b>	SSLP Chr19:21916083-21916201	<b>B6/B6</b>	<b>B6/B6</b>	
79	<b>D19Mit88</b>	SSLP Chr19:37331405-37331552	<b>129/129</b>	<b>129/129</b>	
80	<b>D19Mit90</b>	SSLP Chr19:42295742-42295862	<b>129/129</b>	<b>129/129</b>	
81	<b>D19Mit71</b>	SSLP Chr19:59674330-59674465	<b>B6/B6</b>	<b>B6/B6</b>	
82	<b>DXMit166</b>	SSLP ChrX:49036675-49036788	<b>B6/B6</b>	<b>B6/B6</b>	
83	<b>DXMit210</b>	SSLP ChrX:69741824-69741934	<b>B6/B6</b>	<b>B6/B6</b>	
84	<b>DXMit130</b>	SSLP ChrX:130298712-130298880	-	-	

<sup>1</sup> 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.

<sup>2</sup> 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

## Genetic Background Monitoring Report

No.: 100113-18

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3&lt;tm1Ttg&gt;

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: 2010/1/13

Locus	Type	Chr	ID of animals surveyed (Generation <sup>1</sup> ) / Sex Location <sup>2</sup>	S00330204 S00330209		a-type	b-type (B6 type)
				(N8?+F27) Female	(N8?+F27) Male		
1	D1Mit212	SSLP	1 Chr1:40049840-40049985	b/b	b/b	C3,FVB	B6,D2,129,BALB,CBA
2	D1Mit306	SSLP	1 Chr1:98827535-98827643	b/b	b/b	D2,129	B6,BALB,C3,CBA,FVB
3	D2Mit433	SSLP	2 Chr2:57149522-57149694	b/b	b/b	D2,C3,129,CBA,FVB	B6,BALB
4	D3Mit333	SSLP	3 Chr3:44511652-44511774	b/b	b/b	C3,CBA,FVB	B6,D2,BALB,129
5	D3Mit106	SSLP	3 Chr3:111841219-111841382	b/b	b/b	D2,BALB,C1,129,CBA,FVB	B6
6	D4Mit149	SSLP	4 Chr4:3584271-3584381	b/b	b/b	D2,BALB,C3,129,CBA	B6,FVB
7	D4Mit108	SSLP	4 Chr4:38319122-38319254	b/b	b/b	BALB,C3,129	B6,D2,CBA,FVB
8	D5Mit148	SSLP	5 Chr5:32278263-32278411	b/b	b/b	BALB,C3,129,CBA,FVB	B6,D2
9	D5Mit168	SSLP	5 Chr5:137534245-137534394	b/b	b/b	D2,BALB,C3,129,CBA,FVB	B6
10	D6Mit9	SSLP	6 Chr6:87375892-87376028	b/b	b/b	D2,C3,129,CBA,FVB	B6,BALB
11	D7Mit230	SSLP	7 Chr7:56764849-56764953	b/b	b/b	D2,C3,129,FVB	B6,BALB,CBA
12	D8Mit293	SSLP	8 Chr8:37226054-37226173	b/b	b/b	D2,BALB,C3,129,CBA,FVB	B6
13	D9Mit191	SSLP	9 Chr9:46494456-46494601	b/b	b/b	D2,BALB,C3,CBA,FVB	B6,129
14	D10Mit282	SSLP	10 Chr10:20654078-20654202	b/b	b/b	BALB,129,FVB	B6,D2,C3,CBA
15	D11Mit219	SSLP	11 Chr11:72132472-72132603	b/b	b/b	D2,129	B6,BALB,C3,CBA,FVB
16	D12Mit190	SSLP	12 Chr12:60829453-60829579	b/b	b/b	D2,FVB	B6,BALB,C3,129,CBA
17	D13Mit179	SSLP	13 Chr13:44860362-44860453	b/b	b/b	BALB,C3,129,CBA,FVB	B6,D2
18	D14Mit50	SSLP	14 Chr14:21831604-21831793	b/b	b/b	D2,BALB,129,CBA,FVB	B6,C3
19	D15Mit138	SSLP	15 Chr15:39861164-39861310	b/b	b/b	C3	B6,D2,BALB,129,CBA,FVB
20	D16Mit50	SSLP	16 Chr16:78953071-78953200	b/b	b/b	D2,129,CBA,FVB	B6,BALB,C3
21	D17Mit152	SSLP	17 Chr17:65689824-65689949	b/b	b/b	D2,BALB,FVB	B6,C3,129,CBA
22	D18Mit68	SSLP	18 Chr18:21594126-21594238	b/b	b/b	D2,BALB,CBA,FVB	B6,C3,129
23	D19Mit16	SSLP	19 Chr19:20420342-20420474	b/b	b/b	D2,C3,CBA	B6,BALB,FVB
24	DXMit117	SSLP	X Chr X:127822562-127822687	b/b	b/b	D2,129,FVB	B6,BALB,C3,CBA

<sup>1</sup> 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.

<sup>2</sup> 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.: -

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3<tm1Ttg>

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: -

Locus	Type	ID of animals surveyed		#3	#5
		(Generation <sup>1</sup> ) / Sex	Location <sup>2</sup>	(N8?+F15) Female	(N8?+F15) Male
1	<b>D1Mit3</b>	SSLP	Chr1:19802051-19802209	<b>B6/B6</b>	<b>B6/B6</b>
2	<b>D1Mit322</b>	SSLP	Chr1:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
3	<b>D1Mit19</b>	SSLP	Chr1:73734337-73734492	<b>B6/B6</b>	<b>B6/B6</b>
4	<b>D1Mit306</b>	SSLP	Chr1:98827535-98827643	<b>B6/B6</b>	<b>B6/B6</b>
5	<b>D1Mit501</b>	SSLP	Chr1:154473511-154473632	<b>B6/B6</b>	<b>B6/B6</b>
6	<b>D1Mit150</b>	SSLP	Chr1:176558864-176559001	<b>B6/B6</b>	<b>B6/B6</b>
7	<b>D2Mit431</b>	SSLP	Chr2:27277814-27277911	<b>129/129</b>	<b>129/129</b>
8	<b>D2Mit9</b>	SSLP	Chr2:65277459-65277647	<b>B6/B6</b>	<b>B6/B6</b>
9	<b>D2Mit206</b>	SSLP	Chr2:106750096-106750239	<b>129/129</b>	<b>129/129</b>
10	<b>D2Mit493</b>	SSLP	Chr2:153798642-153798751	<b>B6/B6</b>	<b>B6/B6</b>
11	<b>D2Mit456</b>	SSLP	Chr2:168761877-168761999	<b>B6/B6</b>	<b>B6/B6</b>
12	<b>D2Mit148</b>	SSLP	Chr2:178535250-178535364	<b>B6/B6</b>	<b>B6/B6</b>
13	<b>D3Mit151</b>	SSLP	Chr3:31137265-31137413	<b>129/129</b>	<b>129/129</b>
14	<b>D3Mit278</b>	SSLP	Chr3:71816030-71816141	<b>129/129</b>	<b>129/129</b>
15	<b>D3Mit318</b>	SSLP	Chr3:123334565-123334712	<b>B6/B6</b>	<b>B6/B6</b>
16	<b>D3Mit293</b>	SSLP	Chr3:148932688-148932790	<b>B6/B6</b>	<b>B6/B6</b>
17	<b>D4Mit149</b>	SSLP	Chr4:3584271-3584381	<b>B6/B6</b>	<b>B6/B6</b>
18	<b>D4Mit2</b>	SSLP	Chr4:25610387-25610576	<b>B6/B6</b>	<b>B6/B6</b>
19	<b>D4Mit17</b>	SSLP	Chr4:63026328-63026475	<b>129/129</b>	<b>129/129</b>
20	<b>D4Mit178</b>	SSLP	Chr4:66843059-66843205	<b>129/129</b>	<b>129/129</b>
21	<b>D4Mit308</b>	SSLP	Chr4:123838543-123838630	<b>B6/B6</b>	<b>B6/B6</b>
22	<b>D4Mit254</b>	SSLP	Chr4:153093974-153094108	<b>B6/B6</b>	<b>B6/B6</b>
23	<b>D5Mit48</b>	SSLP	Chr5:8797672-8797875	<b>B6/B6</b>	<b>B6/B6</b>
24	<b>D5Mit267</b>	SSLP	Chr5:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
25	<b>D5Mit398</b>	SSLP	Chr5:89700063-89700172	<b>129/129</b>	<b>129/129</b>
26	<b>D5Mit95</b>	SSLP	Chr5:125309605-125309718	<b>B6/B6</b>	<b>B6/B6</b>
27	<b>D5Mit320</b>	SSLP	Chr5:127286127-127286250	<b>B6/B6</b>	<b>B6/B6</b>
28	<b>D5Mit374</b>	SSLP	Chr5:139608988-139609104	<b>B6/B6</b>	<b>B6/B6</b>
29	<b>D6Mit316</b>	SSLP	Chr6:55505943-55506037	<b>B6/B6</b>	<b>B6/B6</b>
30	<b>D6Mit9</b>	SSLP	Chr6:87375892-87376028	<b>B6/B6</b>	<b>B6/B6</b>
31	<b>D6Mit102</b>	SSLP	Chr6:93413943-93414087	<b>B6/B6</b>	<b>B6/B6</b>
32	<b>D6Mit55</b>	SSLP	Chr6:114232092-114232201	<b>B6/B6</b>	<b>B6/B6</b>
33	<b>D6Mit339</b>	SSLP	Chr6:136372097-136372213	<b>B6/B6</b>	<b>B6/B6</b>
34	<b>D7Mit246</b>	SSLP	Chr7:31118079-31118215	<b>129/129</b>	<b>129/129</b>
35	<b>D7Mit81</b>	SSLP	Chr7:52767912-52768056	<b>129/129</b>	<b>129/129</b>
36	<b>D7Mit238</b>	SSLP	Chr7:126237672-126237821	<b>129/129</b>	<b>129/129</b>
37	<b>D7Mit189</b>	SSLP	Chr7:Syntenic	<b>129/129</b>	<b>129/129</b>

# Genetic Background Monitoring Report

No.: -

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3<tm1Ttg>

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: -

Locus	Type	ID of animals surveyed		#3	#5
		(Generation <sup>1</sup> ) / Sex		(N8?+F15)	(N8?+F15)
		Location <sup>2</sup>		Female	Male
38	<b>D8Mit293</b>	SSLP	Chr8:37226054-37226173	<b>B6/B6</b>	<b>B6/B6</b>
39	<b>D8Mit81</b>	SSLP	Chr8:91727514-91727649	<b>B6/B6</b>	<b>B6/B6</b>
40	<b>D8Mit14</b>	SSLP	Chr8:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
41	<b>D9Mit328</b>	SSLP	Chr9:41695932-41696113	<b>B6/B6</b>	<b>B6/B6</b>
42	<b>D9Mit269</b>	SSLP	Chr9:87838840-87839011	-	-
43	<b>D9Mit214</b>	SSLP	Chr9:115307830-115307967	<b>129/129</b>	<b>129/129</b>
44	<b>D10Mit282</b>	SSLP	Chr10:20654078-20654202	<b>B6/B6</b>	<b>B6/B6</b>
45	<b>D10Mit223</b>	SSLP	Chr10:67674940-67675089	<b>B6/B6</b>	<b>B6/B6</b>
46	<b>D10Mit11</b>	SSLP	Chr10:91885360-91885556	<b>B6/B6</b>	<b>B6/B6</b>
47	<b>D10Mit180</b>	SSLP	Chr10:117587667-117587800	<b>B6/B6</b>	<b>B6/B6</b>
48	<b>D11Mit236</b>	SSLP	Chr11:45088548-45088651	-	-
49	<b>D11Mit260</b>	SSLP	Chr11:61609496-61609590	-	-
50	<b>D11Mit219</b>	SSLP	Chr11:72132472-72132603	<b>B6/B6</b>	<b>B6/B6</b>
51	<b>D11Mit333</b>	SSLP	Chr11:108575096-108575220	<b>129/129</b>	<b>129/129</b>
52	<b>D12Mit153</b>	SSLP	Chr12:35920169-35920310	-	-
53	<b>D12Mit34</b>	SSLP	Chr12:70900839-70901009	<b>129/129</b>	<b>129/129</b>
54	<b>D12Mit102</b>	SSLP	Chr12:105536654-105536786	<b>B6/B6</b>	<b>B6/B6</b>
55	<b>D12Mit7</b>	SSLP	Chr12:Syntenic	<b>B6/B6</b>	<b>B6/B6</b>
56	<b>D13Mit117</b>	SSLP	Chr13:37654832-37654949	<b>B6/B6</b>	<b>B6/B6</b>
57	<b>D13Mit179</b>	SSLP	Chr13:44860362-44860453	<b>B6/B6</b>	<b>B6/B6</b>
58	<b>D13Mit147</b>	SSLP	Chr13:98359080-98359187	<b>B6/B6</b>	<b>B6/B6</b>
59	<b>D13Mit35</b>	SSLP	Chr13:120128451-120128643	<b>129/129</b>	<b>129/129</b>
60	<b>D14Mit259</b>	SSLP	Chr14:54729500-54729624	<b>129/129</b>	<b>129/129</b>
61	<b>D14Mit193</b>	SSLP	Chr14:71921427-71921544	<b>129/129</b>	<b>129/129</b>
62	<b>D14Mit165</b>	SSLP	Chr14:106982674-106982807	<b>B6/B6</b>	<b>B6/B6</b>
63	<b>D15Mit136</b>	SSLP	Chr15:30776615-30776757	<b>B6/B6</b>	<b>B6/B6</b>
64	<b>D15Mit5</b>	SSLP	Chr15:43279930-43280030	<b>B6/B6</b>	<b>B6/B6</b>
65	<b>D15Mit29</b>	SSLP	Chr15:74075586-74075734	<b>B6/B6</b>	<b>B6/B6</b>
66	<b>D15Mit33</b>	SSLP	Chr15:83586169-83586316	<b>B6/B6</b>	<b>B6/B6</b>
67	<b>D16Mit131</b>	SSLP	Chr16:7319135-7319274	<b>B6/B6</b>	<b>B6/B6</b>
68	<b>D16Mit59</b>	SSLP	Chr16:38433970-38434154	<b>B6/B6</b>	<b>B6/B6</b>
69	<b>D16Mit50</b>	SSLP	Chr16:78953071-78953200	<b>129/129</b>	<b>129/129</b>
70	<b>D16Mit106</b>	SSLP	Chr16:98051757-98051902	<b>B6/B6</b>	<b>B6/B6</b>
71	<b>D17Mit213</b>	SSLP	Chr17:16752157-16752280	<b>B6/B6</b>	<b>B6/B6</b>
72	<b>D17Mit108</b>	SSLP	Chr17:49744546-49744658	<b>B6/B6</b>	<b>B6/B6</b>
73	<b>D17Mit187</b>	SSLP	Chr17:79631462-79631708	<b>129/129</b>	<b>129/129</b>
74	<b>D18Mit177</b>	SSLP	Chr18:41142161-41142331	<b>B6/B6</b>	<b>B6/B6</b>

## Genetic Background Monitoring Report

No.: -

BRC No.: RBRC00858

Strain Name (Official Nomenclature): B6;129S6-Irf3<tm1Ttg>

Strain of Origin: Mutant Stock

Strain of origin: 129S6/SvEv

Donor strain: EK.CCE (ES cell)

Background strain: C57BL/6J and 129 mixed

Date: -

Locus	Type	ID of animals surveyed		#3	#5
		(Generation <sup>1</sup> ) / Sex		(N8?+F15)	(N8?+F15)
		Location <sup>2</sup>	Female	Male	
75	<b>D18Mit184</b>	SSLP Chr18:66978897-66979068	<b>B6/B6</b>	<b>B6/B6</b>	
76	<b>D18Mit142</b>	SSLP Chr18:75548607-75548726	<b>B6/B6</b>	<b>B6/B6</b>	
77	<b>D18Mit216</b>	SSLP Chr18:83585146-83585269	<b>B6/B6</b>	<b>B6/B6</b>	
78	<b>D19Mit96</b>	SSLP Chr19:21916083-21916201	<b>B6/B6</b>	<b>B6/B6</b>	
79	<b>D19Mit88</b>	SSLP Chr19:37331405-37331552	<b>129/129</b>	<b>129/129</b>	
80	<b>D19Mit90</b>	SSLP Chr19:42295742-42295862	<b>129/129</b>	<b>129/129</b>	
81	<b>D19Mit71</b>	SSLP Chr19:59674330-59674465	<b>B6/B6</b>	<b>B6/B6</b>	
82	<b>DXMit166</b>	SSLP ChrX:49036675-49036788	<b>B6/B6</b>	<b>B6/B6</b>	
83	<b>DXMit210</b>	SSLP ChrX:69741824-69741934	<b>B6/B6</b>	<b>B6/B6</b>	
84	<b>DXMit130</b>	SSLP ChrX:130298712-130298880	-	-	

<sup>1</sup> 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.

<sup>2</sup> 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