

## Genetic Background Monitoring Report

No.: 101210-13

BRC No.: RBRC02182  
 Strain Name (Official Nomenclature): B6.B6D2-Tg(Prm1-Cre)1Osb  
 Strain Type: Mutant strain  
 Strain of Origin: (C57BL/6 x DBA/2)F1  
 Donor Strain: -  
 Background Strain: C57BL/6NCrSlc  
 Date: 2010/12/10

Locus	Type	Location (NCBI Build 37)	ID (Gen.) / Sex S00120103 (N?+N4) Female	a-type	b-type (B6 type)	
1	D1Mit212	SSLP	40049840-40049985	b/b (B6 type)	C3,FVB	B6,D2,129,BALB,CBA
2	D1Mit306	SSLP	98827535-98827643	b/b (B6 type)	D2,129	B6,BALB,C3,CBA,FVB
3	D2Mit433	SSLP	57149522-57149694	b/b (B6 type)	D2,C3,129,CBA,FVB	B6,BALB
4	D3Mit333	SSLP	44511652-44511774	b/b (B6 type)	C3,CBA,FVB	B6,D2,BALB,129
5	D3Mit106	SSLP	111841219-111841382	b/b (B6 type)	D2,BALB,C1,129,CBA,FVB	B6
6	D4Mit149	SSLP	3584271-3584381	b/b (B6 type)	D2,BALB,C3,129,CBA	B6,FVB
7	D4Mit108	SSLP	38319122-38319254	b/b (B6 type)	BALB,C3,129	B6,D2,CBA,FVB
8	D5Mit148	SSLP	32278263-32278411	b/b (B6 type)	BALB,C3,129,CBA,FVB	B6,D2
9	D5Mit168	SSLP	137534245-137534394	b/b (B6 type)	D2,BALB,C3,129,CBA,FVB	B6
10	D6Mit9	SSLP	87375892-87376028	b/b (B6 type)	D2,C3,129,CBA,FVB	B6,BALB
11	D7Mit230	SSLP	56764849-56764953	b/b (B6 type)	D2,C3,129,FVB	B6,BALB,CBA
12	D8Mit293	SSLP	37226054-37226173	b/b (B6 type)	D2,BALB,C3,129,CBA,FVB	B6
13	D9Mit191	SSLP	46494456-46494601	b/b (B6 type)	D2,BALB,C3,CBA,FVB	B6,129
14	D10Mit282	SSLP	20654078-20654202	b/b (B6 type)	BALB,129,FVB	B6,D2,C3,CBA
15	D11Mit219	SSLP	72132472-72132603	b/b (B6 type)	D2,129	B6,BALB,C3,CBA,FVB
16	D12Mit190	SSLP	60829453-60829579	b/b (B6 type)	D2,FVB	B6,BALB,C3,129,CBA
17	D13Mit179	SSLP	44860362-44860453	b/b (B6 type)	BALB,C3,129,CBA,FVB	B6,D2
18	D14Mit50	SSLP	21831604-21831793	b/b (B6 type)	D2,BALB,129,CBA,FVB	B6,C3
19	D15Mit138	SSLP	39861164-39861310	b/b (B6 type)	C3	B6,D2,BALB,129,CBA,FVB
20	D16Mit50	SSLP	78953071-78953200	b/b (B6 type)	D2,129,CBA,FVB	B6,BALB,C3
21	D17Mit152	SSLP	65689824-65689949	b/b (B6 type)	D2,BALB,FVB	B6,C3,129,CBA
22	D18Mit68	SSLP	21594126-21594238	b/b (B6 type)	D2,BALB,CBA,FVB	B6,C3,129
23	D19Mit16	SSLP	20420342-20420474	b/b (B6 type)	D2,C3,CBA	B6,BALB,FVB
24	DXMit117	SSLP	127822562-127822687	b/b (B6 type)	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