

Breeding Characters

B6-S100b KO Mice

RBRC00804 B6.129P2-S100b<tm1lto>

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Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Heterozygote x Heterozygote	100%	7
Homozygote x Homozygote	100%	16

(N10+N1F0~F6, Jun 2003 ~ Feb 2005)

*Number of females gave birth at least one time / Total number of females observed



Reproductive Performance (2)

Litter size :

Genotype of Parents (female x male)	Mean litter size* \pm SEM	Number of litters
Heterozygote x Heterozygote	6.1 \pm 0.5(SE)	23
Homozygote x Homozygote	6.0 \pm 0.4(SE)	43

(N5+N6~11, Apr 2008 ~ Mar 2010)

*Total number of pups / Number of litters



Reproductive Performance (3)

Weaning Rate :

Genotype of Parents (female x male)	Weaning rate	Total Number of pups
Heterozygote x Heterozygote	98.6%	141
Homozygote x Homozygote	84.4%	147

(N5+N6~11, Apr 2008 ~ Mar 2010)

*Total number of pups weaned / Total number of pups