



Reproduction of Dnmt3a KO Mice

RBRC03730 B6;I29S4-Dnmt3a<tm|Enl>

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Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Wild-type (B6) x Heterozygote	85%	18
Heterozygote x Wild-type (B6)	100%	7

*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 (pups)	Number of litters
Wild-type (B6) x Heterozygote	6.6±0.4(SE)	36
Heterozygote x Wild-type (B6)	5.3±0.5(SE)	23

*Total number of pups / Number of litters



Reproductive Performance (3)

Weaning Rate :

Genotype of Parents (female x male)	Weaning Rate	Number of litters
Wild-type (B6) x Heterozygote	93%	36
Heterozygote x Wild-type (B6)	66%	23

*Number of pups weaned / Total number of pups