



Reproduction of D2-p53 KO Mice

RBRC01518 D2.Cg-Trp53<tm|Sia>

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Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Heterozygote x Wild-type	77%	13
Wild-type x Heterozygote	58%	19

(May 2006 ~ Sep 2010)

*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
Heterozygote x Wild-type	3.5±0.4(SE)	19
Wild-type x Heterozygote	4.2±0.3(SE)	33

(May 2006 ~ Sep 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 Wild-type	81%	121
Wild-type x Heterozygote	89%	66

(May 2006 ~ Sep 2010)

*Total number of pups weaned / Total number of pups