



# Reproduction of Prm1-cre Tg

RBRC02182 B6.B6D2-Tg(Prm1-Cre)1Osb

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## Reproductive Performance

**1) Pregnancy Rate      100% (10/10)**

**2) Mean Litter Size      7.1±0.5(SE) (37 litters)**

\* Genotype of parent: Tg hemizygote x Wild-type

(May 2008 ~ Jan 2010)

- 1) Number of females which gave birth at least one time / Total number of females observed
- 2) Total number of pups / Number of litters

## Segregation of Tg allele

Presumed genotype Mother x Father	Tg		Wild-type	Statistics
Breeding : +/+ x Tg/+	37		41	$\chi^2 = 0.205$
expected	39		39	N.S.
ratio	1	:	1	
IVF-ET : +/+ x Tg/+	2		9	$\chi^2 = 4.455$
expected	5.5		5.5	$P < 0.05^*$
ratio	1	:	1	

(May 2008 ~ Jan 2010)