



Reproduction and Life Span of FucciG1#610 Mice

RBRC02708 B6.Cg-Tg(FucciG1)#610Bsi

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Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
B6 Wild-type x Hemizygote	100%	17
Hemizygote x B6 Wild-type	91%	11
Hemizygote x Hemizygote	56%	9
Tg positive* x Tg positive	75%	4

(G4+N10~N18, Jun 2010 ~ Oct 2013)

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

*Tg positive = Hemizygote or Homozygote (Not confirmed)

Reproductive Performance (2)

Litter size :

Genotype of Parents (female x male)	Mean litter size* \pm SEM	Number of litters
B6 Wild-type x Hemizygote	7.9 \pm 0.3(SE)	72
Hemizygote x B6 Wild-type	5.7 \pm 0.7(SE)	16
Hemizygote x Hemizygote	5.7 \pm 0.7(SE)	11
Tg positive* x Tg positive	5.8 \pm 1.6(SE)	4

(G4+NI0~NI8, Jun 2010 ~ Oct 2013)

Total number of pups / Number of litters

*Tg positive = Hemizygote or Homozygote (Not confirmed)

Mortality Rate

Sex (Genotype)	Mortality rate (Date of death)	Number of mice examined
Female (Hemizygote)	25% (146-221 days)	20
Male (Hemizygote)	0%	27

(G4+NI0~NI8, Jun 2010 ~ Oct 2013)

*Within 3 months old