



Breeding Characters

B6-TH-GFP Mice

RBRC02095 B6.Cg-Tg(Th-EGFP)21-3IKoba

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Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Hemizygote x Wild-type	100%	9
Wild-type x Hemizygote	100%	13

N?+N11-16, Apr 2011~Apr 2013

*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
Hemizygote x Wild-type	5.3 \pm 0.3	41
Wild-type x Hemizygote	5.6 \pm 0.3	27

N9F23+N1F6<, Feb 2008~Feb 2013

*Total number of pups / Number of litters

Reproductive Performance (3)

Weaning rate :

Genotype of Parents (female x male)	Weaning rate	Number of litters
Hemizygote x Wild-type	94.7%	38
Wild-type x Hemizygote	89.5%	54

N9F23+N1F6<, Feb 2008~Feb 2013

*Number of pups weaned / Total number of pups

Segregation of Tg allele

Genotype of pups :

Genotype of Parents (female x male)	Tg hemizygote	Wild- type	Number of parents
Hemizygote x Wild-type	8	5	2
Wild-type x Hemizygote	16	17	4

n.s.

N9F23+N1F6<, Feb 2008~Feb 2013

*Number of pups weaned / Total number of pups