

Breeding Characters

B6-GFP/LC3#53 Mice

RBRC00806 B6.Cg-Tg(CAG-GFP/LC3)53Nmz

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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 (B6)	96%	25
Wild-type (B6) x Hemizygote	80%	20
Homozygote x Homozygote	100%	22

(N15<, Aug 2007 ~ Jun 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 (B6)	5.0 \pm 0.3(SE)	104
Wild-type (B6) x Hemizygote	5.3 \pm 0.3(SE)	89
Homozygote x Homozygote	5.4 \pm 0.3(SE)	93

(N15<, Aug 2007 ~ Jun 2013)

*Total number of pups / Number of litters

Reproductive Performance (3)

Weaning Rate :

Genotype of Parents (female x male)	Weaning rate	Total Number of pups
Hemizygote x Wild-type (B6)	83%	489
Wild-type (B6) x Hemizygote	90%	422
Homozygote x Homozygote	88%	449

(N15<, Aug 2007 ~ Jun 2013)

*Total number of pups weaned / Total number of pups