

Breeding Characters

B6-AGT KO Mice

RBRC001120 B6.Cg-Agt<tm|Afu>

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10-Jul-2013

Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Heterozygote x Heterozygote	82%	11
Heterozygote x Wild-type	100%	5
Wild-type x Heterozygote	100%	7

(+F2~F5, Oct 2004 ~ Jul 2006)

*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
Heterozygote x Heterozygote	5.0 \pm 0.4(SE)	44
Heterozygote x Wild-type	6.2 \pm 0.8(SE)	17
Wild-type x Heterozygote	5.6 \pm 0.4(SE)	36

(+F2~F5, Oct 2004 ~ Jul 2006)

*Total number of pups / Number of litters

Segregation of KO allele

Presumed genotype Mother x Father	Homo	Hetero	Wild	Statistics
Breeding : +/- x +/- (16 litters)	0	40	37	$\chi^2 = 35.6753$ $P < 0.001$
expected	19.25	38.5	19.25	N.S.
ratio	1	: 2	: 1	

(+F3~F6, May 2005 ~ Jul 2006)