

# Breeding Characters Of Atg5 KO Mice

RBRC0223 | B6.129-Atg5<sup>tm1Nmz</sup>

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## Reproductive Performance (I)

### Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Heterozygote x Wild-type (B6)	82%	17
Wild-type (B6) x Heterozygote	91%	21

(N5+N0~6, Jan 2008~Jan 2010)

\*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 Wild-type (B6)	6.8 $\pm$ 0.4(SE)	49
Wild-type (B6) x Heterozygote	6.7 $\pm$ 0.3(SE)	65

(N5+N0~6, Jan 2008~Jan 2010)

\*Total number of pups / Number of litters



## Reproductive Performance (3)

### Weaning Rate :

Genotype of Parents (female x male)	Weaning rate	Total Number of pups
Heterozygote x Wild-type (B6)	89%	165
Wild-type (B6) x Heterozygote	97%	209

(N5+N0~6, Jan 2008~Jan 2010)

\*Total number of pups weaned / Total number of pups