



# Reproduction of B6-Xpg2 KO Mice

RBRC00807 B6.129S2-Ercc5<tm|Shm>

Inquiries: Kazuyuki Mekada, Ph.D.  
(Experimental Animal Div., RIKEN BRC / [animal@brc.riken.jp](mailto:animal@brc.riken.jp))

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## Reproductive Performance (I)

### Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Heterozygote x Heterozygote	100%	15
Wild-type x Heterozygote	92%	11
Heterozygote x Wild-type	100%	10

(N25<, Mar 2003 ~ May 2005)

\*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 (pups)	Number of litters
Heterozygote x Heterozygote	5.8±0.3(SE)	61
Wild-type x Heterozygote	5.5±0.6(SE)	31
Heterozygote x Wild-type	5.6±0.4(SE)	31

(N25<, Mar 2003 ~ May 2005)

\*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 Heterozygote	68%	121
Wild-type x Heterozygote	71%	69
Heterozygote x Wild-type	75%	60

(N25<, Mar 2003 ~ May 2005)

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