

Breeding Characters of B6-GelA KO Mice

RBRC00398 B6.129P2-Mmp2^{tm1Ito}

Inquiries: Kazuyuki Mekada, Ph.D.
(Experimental Animal Div., RIKEN BRC / 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 Wild-type	96%	25
Wild-type x Heterozygote	90%	20
Heterozygote x Heterozygote	86%	81
Wild-type x Homozygote	80%	4
Homozygote x Wild-type	80%	1
Homozygote x Heterozygote	70%	4
Heterozygote x Homozygote	100%	3

(NI0F1<, Mar 2002 ~ May 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 (pups)	Number of litters
Heterozygote x Wild-type	5.8±0.3(SE)	94
Wild-type x Heterozygote	5.7±0.3(SE)	57
Heterozygote x Heterozygote	5.5±0.2(SE)	255
Wild-type x Homozygote	5.0±0.8(SE)	12
Homozygote x Wild-type	4.3±0.9(SE)	3
Homozygote x Heterozygote	3.8±0.8(SE)	10
Heterozygote x Homozygote	4.8±0.6(SE)	13

(NI0F1<, Mar 2002 ~ May 2013)

*Total number of pups / Number of litters

Reproductive Performance (3)

Litter size :

Genotype of Parents (female x male)	Weaning rate	Total Number of pups
Heterozygote x Wild-type	91%	426
Wild-type x Heterozygote	85%	280
Heterozygote x Heterozygote	86%	1328
Wild-type x Homozygote	92%	60
Homozygote x Wild-type	100%	13
Homozygote x Heterozygote	100%	38
Heterozygote x Homozygote	78%	63

(NI0F1<, Mar 2002 ~ May 2013)

*Total number of pups weaned / Total number of pups