



Breeding Characters

SHL Mice

RBRC00052 SHL

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

19-Jul-2013



Reproductive Performance (I)

Productive mating :

Genotype of Parents (female x male)	Pregnancy Rate	Number of pairs examined
Homozygote x Heterozygote	60%	20
Heterozygote x Homozygote	76%	33

+F27<, Apr 2011 ~ 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
Homozygote x Heterozygote	3.8 \pm 0.3	31
Heterozygote x Homozygote	4.9 \pm 0.2	85

+F27<, Apr 2011 ~ Jun 2013

*Total number of pups / Number of litters