

系統名 : B10.BR/SgSnSlc H2^k

特徴・用途

B10コンジェニック系統

毛色

黒色 (aaBBCC)

H2ハプロタイプ

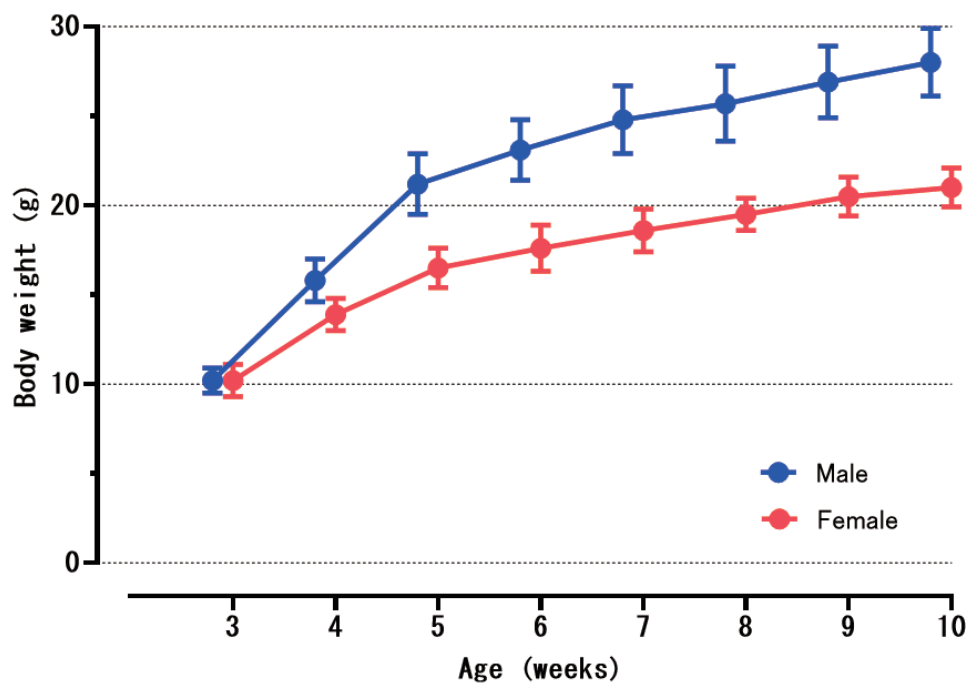
H2^k



由来

1980年に東京大学医科学研究所より導入

■体重曲線



		Age (weeks)							
		3	4	5	6	7	8	9	10
Male (n=20)	Mean (g)	10.2	15.8	21.2	23.1	24.8	25.7	26.9	28.0
	S.D.	0.7	1.2	1.7	1.7	1.9	2.1	2.0	1.9
Female (n=20)	Mean (g)	10.2	13.9	16.5	17.6	18.6	19.5	20.5	21.0
	S.D.	0.9	0.9	1.1	1.3	1.2	0.9	1.1	1.1

飼料:FR-1 (フナバシファーム)

■血液学的検査

Items	Unit	Male	Female
		10 weeks n=10	10 weeks n=10
WBC	× 10 ² /μL	48.4 ± 19.3	29.0 ± 12.6
RBC	× 10 ⁴ /μL	985.8 ± 27.4	963.0 ± 84.7
HGB	g/dL	14.2 ± 0.4	13.8 ± 0.7
HCT	%	48.7 ± 1.5	47.2 ± 2.4
MCV	fL	49.4 ± 0.5	49.2 ± 2.0
MCH	pg	14.4 ± 0.2	14.4 ± 0.6
MCHC	g/dL	29.2 ± 0.5	29.2 ± 0.4
PLT	× 10 ⁴ /μL	131.2 ± 12.8	102.1 ± 5.3

Values are mean ± S.D.
飼料:FR-1 (フナバシファーム)

■血液生化学的検査

Items	Unit	Male	Female
		10 weeks n=10	10 weeks n=10
AST	U/L	89.5 ± 27.2	169.6 ± 109.6
ALT	U/L	38.5 ± 11.5	65.8 ± 23.7
ALP	U/L	406.4 ± 127.7	557.0 ± 72.1
ALB	g/dL	3.1 ± 0.1	3.4 ± 0.1
TP	g/dL	4.9 ± 0.2	4.7 ± 0.2
A/G		1.8 ± 0.1	2.6 ± 0.1
GLU	mg/dL	111.8 ± 16.4	113.7 ± 13.8
T-BIL	mg/dL	0.09 ± 0.02	0.07 ± 0.01
T-CHO	mg/dL	69.5 ± 4.4	60.3 ± 7.3
TG	mg/dL	73.4 ± 12.7	37.1 ± 19.7
PL	mg/dL	168.4 ± 12.1	128.7 ± 21.6
Ca	mg/dL	8.8 ± 0.2	8.7 ± 0.2
IP	mg/dL	7.3 ± 0.7	7.6 ± 1.4
BUN	mg/dL	30.5 ± 3.3	32.8 ± 8.1
CRE	mg/dL	0.05 ± 0.02	0.06 ± 0.02
Na	mEq/L	150.7 ± 0.6	152.1 ± 0.9
K	mEq/L	5.0 ± 0.4	4.6 ± 0.2
Cl	mEq/L	113.4 ± 0.9	115.7 ± 1.9

Values are mean ± S.D.
飼料:FR-1 (フナバシファーム)

■器官重量

Items	Unit	Male	Female
		10 weeks n=10	10 weeks n=10
Body weight	g	24.4 ± 0.8	19.1 ± 1.1
Absolute organ weight			
Brain	g	0.417 ± 0.017	0.427 ± 0.021
Heart	g	0.113 ± 0.008	0.099 ± 0.006
Lung	g	0.142 ± 0.006	0.132 ± 0.011
Kidney (L)	g	0.157 ± 0.006	0.122 ± 0.010
(R)	g	0.170 ± 0.014	0.128 ± 0.008
Spleen	g	0.065 ± 0.005	0.069 ± 0.008
Liver	g	0.947 ± 0.042	0.798 ± 0.056
Testis (L)	g	0.059 ± 0.007	
(R)	g	0.061 ± 0.007	
Ovary (L)	mg		3.6 ± 0.8
(R)	mg		4.0 ± 0.7
Uterus	g		0.076 ± 0.023
Thymus	g	0.033 ± 0.005	0.053 ± 0.008
Salivary gland (L)	g	0.068 ± 0.010	0.042 ± 0.007
(R)	g	0.070 ± 0.008	0.042 ± 0.003
Relative organ weight			
Brain	g%	1.71 ± 0.07	2.24 ± 0.12
Heart	g%	0.46 ± 0.03	0.52 ± 0.03
Lung	g%	0.58 ± 0.02	0.69 ± 0.06
Kidney (L)	g%	0.64 ± 0.02	0.64 ± 0.05
(R)	g%	0.70 ± 0.05	0.67 ± 0.04
Spleen	g%	0.27 ± 0.02	0.36 ± 0.03
Liver	g%	3.88 ± 0.10	4.19 ± 0.23
Testis (L)	g%	0.24 ± 0.03	
(R)	g%	0.25 ± 0.03	
Ovary (L)	mg%		18.69 ± 4.27
(R)	mg%		21.27 ± 4.03
Uterus	g%		0.40 ± 0.12
Thymus	g%	0.13 ± 0.02	0.28 ± 0.04
Salivary gland (L)	g%	0.28 ± 0.04	0.22 ± 0.04
(R)	g%	0.29 ± 0.03	0.22 ± 0.02

Values are mean ± S.D.
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