

系統名 : B10.A/SgSnSlc H2^a

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

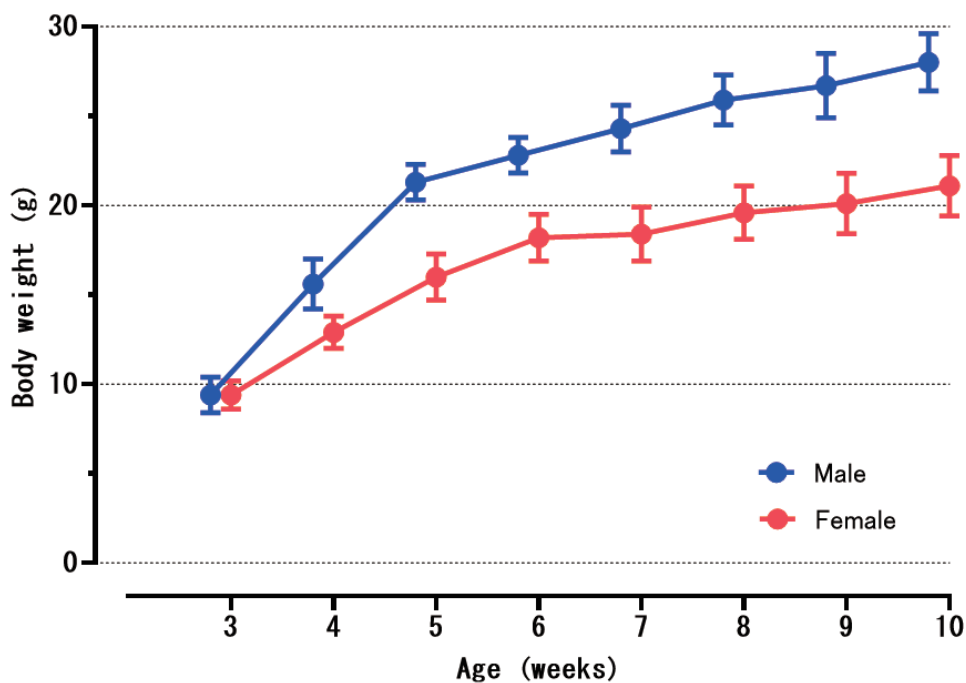
H2^a



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)	9.4	15.6	21.3	22.8	24.3	25.9	26.7	28.0
	S.D.	1.0	1.4	1.0	1.0	1.3	1.4	1.8	1.6
Female (n=20)	Mean (g)	9.4	12.9	16.0	18.2	18.4	19.6	20.1	21.1
	S.D.	0.8	0.9	1.3	1.3	1.5	1.5	1.7	1.7

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	33.7 ± 11.8	33.3 ± 13.5
RBC	× 10 ⁴ /μL	871.1 ± 39.4	862.5 ± 33.4
HGB	g/dL	12.8 ± 0.5	12.7 ± 0.7
HCT	%	44.3 ± 1.7	43.5 ± 1.8
MCV	fL	50.8 ± 0.7	50.4 ± 0.8
MCH	pg	14.7 ± 0.3	14.8 ± 0.3
MCHC	g/dL	28.9 ± 0.5	29.3 ± 0.5
PLT	× 10 ⁴ /μL	132.3 ± 11.1	120.5 ± 7.6

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	54.3 ± 6.3	65.4 ± 16.8
ALT	U/L	33.4 ± 3.0	39.8 ± 15.6
ALP	U/L	262.9 ± 27.9	386.6 ± 50.1
ALB	g/dL	3.1 ± 0.1	3.3 ± 0.1
TP	g/dL	4.5 ± 0.2	4.5 ± 0.2
A/G		2.2 ± 0.2	2.7 ± 0.1
GLU	mg/dL	83.7 ± 17.0	110.4 ± 16.9
T-BIL	mg/dL	0.11 ± 0.02	0.06 ± 0.01
T-CHO	mg/dL	69.1 ± 4.7	65.4 ± 10.7
TG	mg/dL	77.3 ± 27.3	42.4 ± 21.1
PL	mg/dL	166.0 ± 11.6	137.5 ± 24.3
Ca	mg/dL	8.4 ± 0.1	8.4 ± 0.2
IP	mg/dL	6.3 ± 0.3	6.7 ± 0.9
BUN	mg/dL	27.6 ± 2.4	32.5 ± 7.4
CRE	mg/dL	0.08 ± 0.02	0.09 ± 0.02
Na	mEq/L	150.7 ± 1.4	147.8 ± 1.4
K	mEq/L	4.5 ± 0.2	4.7 ± 0.4
Cl	mEq/L	113.4 ± 1.5	113.3 ± 2.7

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	25.2 ± 1.4	19.4 ± 1.4
Absolute organ weight			
Brain	g	0.436 ± 0.016	0.432 ± 0.022
Heart	g	0.124 ± 0.008	0.095 ± 0.006
Lung	g	0.160 ± 0.013	0.141 ± 0.012
Kidney (L)	g	0.222 ± 0.017	0.158 ± 0.015
(R)	g	0.238 ± 0.018	0.168 ± 0.015
Spleen	g	0.075 ± 0.005	0.075 ± 0.010
Liver	g	1.049 ± 0.048	0.828 ± 0.084
Testis (L)	g	0.078 ± 0.009	
(R)	g	0.081 ± 0.010	
Ovary (L)	mg		4.0 ± 0.9
(R)	mg		4.5 ± 1.4
Uterus	g		0.090 ± 0.038
Thymus	g	0.041 ± 0.006	0.056 ± 0.006
Salivary gland (L)	g	0.079 ± 0.013	0.047 ± 0.014
(R)	g	0.081 ± 0.013	0.047 ± 0.010
Relative organ weight			
Brain	g%	1.74 ± 0.08	2.23 ± 0.12
Heart	g%	0.49 ± 0.03	0.49 ± 0.02
Lung	g%	0.64 ± 0.04	0.73 ± 0.03
Kidney (L)	g%	0.88 ± 0.07	0.82 ± 0.06
(R)	g%	0.95 ± 0.05	0.86 ± 0.05
Spleen	g%	0.30 ± 0.02	0.39 ± 0.03
Liver	g%	4.17 ± 0.13	4.26 ± 0.15
Testis (L)	g%	0.31 ± 0.03	
(R)	g%	0.32 ± 0.03	
Ovary (L)	mg%		20.69 ± 4.03
(R)	mg%		23.17 ± 6.38
Uterus	g%		0.46 ± 0.19
Thymus	g%	0.16 ± 0.02	0.29 ± 0.03
Salivary gland (L)	g%	0.31 ± 0.05	0.24 ± 0.07
(R)	g%	0.32 ± 0.06	0.24 ± 0.05

Values are mean ± S.D.
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