

系統名 : B10.S/SgSlc H2^s

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

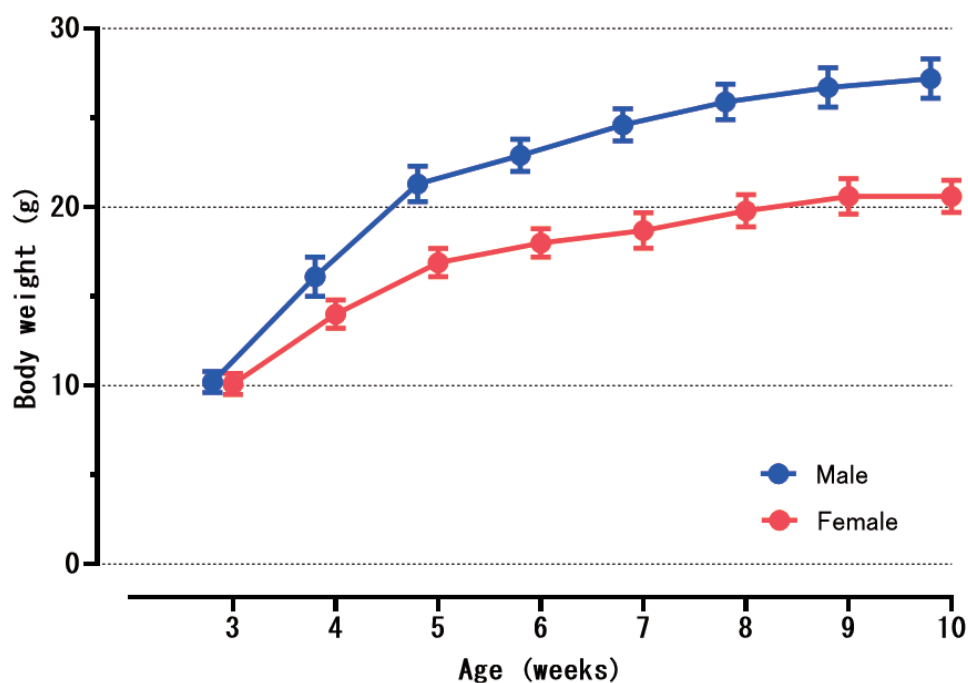
H2^s



由来

1992年に大阪大学医学部より導入

■体重曲線



		Age (weeks)							
		3	4	5	6	7	8	9	10
Male (n=20)	Mean (g)	10.2	16.1	21.3	22.9	24.6	25.9	26.7	27.2
	S.D.	0.6	1.1	1.0	0.9	0.9	1.0	1.1	1.1
Female (n=20)	Mean (g)	10.1	14.0	16.9	18.0	18.7	19.8	20.6	20.6
	S.D.	0.6	0.8	0.8	0.8	1.0	0.9	1.0	0.9

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	51.1 ± 12.5	42.8 ± 10.4
RBC	× 10 ⁴ /μL	942.2 ± 61.7	893.8 ± 47.1
HGB	g/dL	13.8 ± 0.9	13.1 ± 0.6
HCT	%	47.0 ± 3.1	43.7 ± 2.1
MCV	fL	49.9 ± 0.5	48.9 ± 0.5
MCH	pg	14.7 ± 0.2	14.6 ± 0.2
MCHC	g/dL	29.4 ± 0.5	29.9 ± 0.2
PLT	× 10 ⁴ /μL	137.7 ± 12.2	107.3 ± 12.2

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	76.0 ± 11.0	63.4 ± 10.1
ALT	U/L	38.5 ± 9.4	29.9 ± 6.4
ALP	U/L	232.9 ± 20.1	355.0 ± 31.8
ALB	g/dL	2.9 ± 0.1	3.2 ± 0.1
TP	g/dL	4.5 ± 0.1	4.5 ± 0.1
A/G		1.8 ± 0.1	2.6 ± 0.1
GLU	mg/dL	110.0 ± 22.3	101.8 ± 15.6
T-BIL	mg/dL	0.06 ± 0.01	0.05 ± 0.01
T-CHO	mg/dL	90.0 ± 5.8	70.1 ± 4.9
TG	mg/dL	109.7 ± 37.6	91.0 ± 25.3
PL	mg/dL	207.1 ± 14.2	153.3 ± 9.5
Ca	mg/dL	9.1 ± 0.2	8.8 ± 0.1
IP	mg/dL	8.6 ± 0.9	7.6 ± 0.8
BUN	mg/dL	25.9 ± 3.3	24.4 ± 3.0
CRE	mg/dL	0.05 ± 0.01	0.05 ± 0.01
Na	mEq/L	150.2 ± 1.2	149.2 ± 1.5
K	mEq/L	4.6 ± 0.3	4.6 ± 0.4
Cl	mEq/L	112.3 ± 1.3	112.0 ± 1.5

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	23.3 ± 1.5	18.6 ± 1.0
Absolute organ weight			
Brain	g	0.397 ± 0.010	0.403 ± 0.014
Heart	g	0.119 ± 0.014	0.088 ± 0.008
Lung	g	0.142 ± 0.016	0.119 ± 0.008
Kidney (L)	g	0.160 ± 0.015	0.114 ± 0.009
(R)	g	0.175 ± 0.018	0.125 ± 0.010
Spleen	g	0.062 ± 0.007	0.067 ± 0.006
Liver	g	0.939 ± 0.080	0.770 ± 0.052
Testis (L)	g	0.073 ± 0.006	
(R)	g	0.076 ± 0.005	
Ovary (L)	mg		3.9 ± 1.8
(R)	mg		4.0 ± 2.1
Uterus	g		0.061 ± 0.019
Thymus	g	0.041 ± 0.006	0.061 ± 0.011
Salivary gland (L)	g	0.068 ± 0.009	0.043 ± 0.007
(R)	g	0.071 ± 0.012	0.043 ± 0.009
Relative organ weight			
Brain	g%	1.71 ± 0.11	2.17 ± 0.14
Heart	g%	0.51 ± 0.06	0.48 ± 0.04
Lung	g%	0.61 ± 0.06	0.64 ± 0.04
Kidney (L)	g%	0.69 ± 0.07	0.61 ± 0.03
(R)	g%	0.76 ± 0.08	0.67 ± 0.05
Spleen	g%	0.27 ± 0.03	0.36 ± 0.02
Liver	g%	4.05 ± 0.40	4.14 ± 0.17
Testis (L)	g%	0.32 ± 0.04	
(R)	g%	0.33 ± 0.03	
Ovary (L)	mg%		20.92 ± 9.85
(R)	mg%		21.64 ± 11.34
Uterus	g%		0.33 ± 0.09
Thymus	g%	0.18 ± 0.03	0.33 ± 0.06
Salivary gland (L)	g%	0.29 ± 0.04	0.23 ± 0.03
(R)	g%	0.31 ± 0.06	0.23 ± 0.04

Values are mean ± S.D.
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