

系統名 : C57BL/10SnSlc H2^b

特徴・用途

H2コンジェニック系統の基系統

毛色

黒色 (aaBBCC)



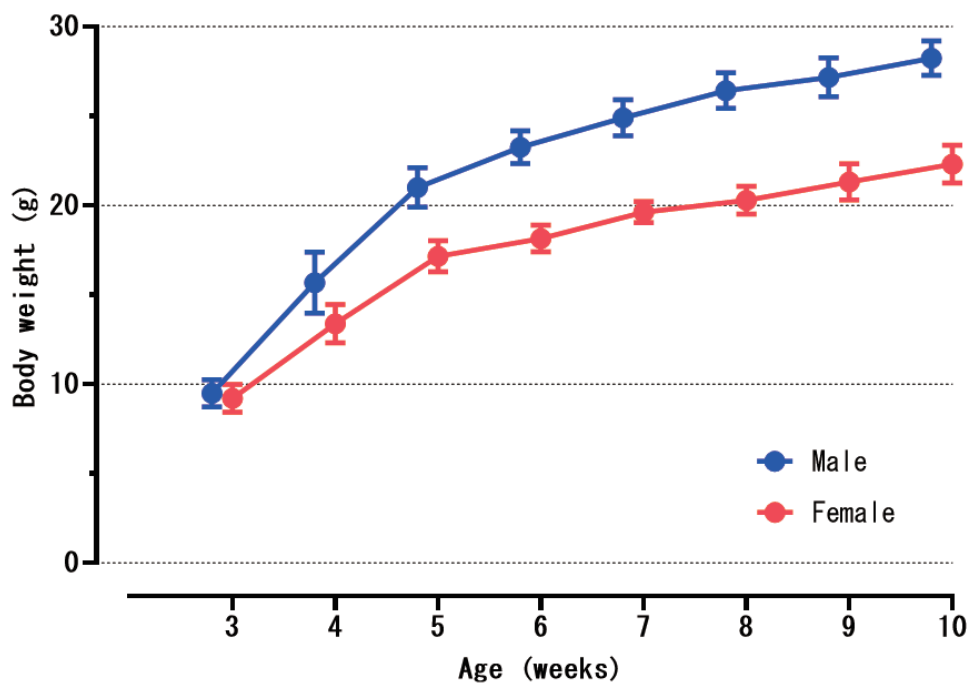
H2ハプロタイプ

H2^b

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)	9.5	15.7	21.0	23.3	24.9	26.4	27.2	28.2
	S.D.	0.8	1.7	1.1	0.9	1.0	1.0	1.1	1.0
Female (n=20)	Mean (g)	9.2	13.4	17.2	18.2	19.6	20.3	21.3	22.3
	S.D.	0.8	1.1	0.9	0.8	0.6	0.8	1.0	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	19.9 ± 9.1	15.2 ± 9.2
RBC	× 10 ⁴ /μL	966.0 ± 33.2	930.7 ± 61.7
HGB	g/dL	13.9 ± 0.5	13.2 ± 0.9
HCT	%	48.4 ± 1.5	46.2 ± 3.9
MCV	fL	50.1 ± 0.5	49.6 ± 1.0
MCH	pg	14.4 ± 0.1	14.2 ± 0.2
MCHC	g/dL	28.8 ± 0.4	28.7 ± 0.4
PLT	× 10 ⁴ /μL	123.1 ± 9.8	99.7 ± 5.0

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	93.8 ± 34.2	145.3 ± 73.8
ALT	U/L	41.8 ± 9.4	52.7 ± 17.6
ALP	U/L	293.5 ± 34.9	465.9 ± 65.4
ALB	g/dL	3.1 ± 0.1	3.5 ± 0.2
TP	g/dL	4.8 ± 0.2	4.9 ± 0.2
A/G		1.8 ± 0.1	2.5 ± 0.1
GLU	mg/dL	97.7 ± 15.4	102.6 ± 20.8
T-BIL	mg/dL	0.07 ± 0.02	0.05 ± 0.01
T-CHO	mg/dL	77.7 ± 7.0	66.9 ± 9.8
TG	mg/dL	70.1 ± 22.1	38.5 ± 16.5
PL	mg/dL	176.6 ± 14.7	134.2 ± 20.5
Ca	mg/dL	8.9 ± 0.1	8.7 ± 0.1
IP	mg/dL	6.5 ± 0.8	7.2 ± 0.9
BUN	mg/dL	29.2 ± 5.3	26.0 ± 3.2
CRE	mg/dL	0.09 ± 0.02	0.08 ± 0.02
Na	mEq/L	151.1 ± 1.2	150.3 ± 1.1
K	mEq/L	4.2 ± 0.3	4.1 ± 0.5
Cl	mEq/L	112.6 ± 1.5	112.2 ± 1.1

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	24.0 ± 1.0	18.9 ± 1.0
Absolute organ weight			
Brain	g	0.423 ± 0.015	0.436 ± 0.011
Heart	g	0.115 ± 0.009	0.097 ± 0.005
Lung	g	0.133 ± 0.007	0.125 ± 0.009
Kidney (L)	g	0.177 ± 0.013	0.130 ± 0.009
(R)	g	0.191 ± 0.011	0.134 ± 0.009
Spleen	g	0.070 ± 0.008	0.074 ± 0.009
Liver	g	0.914 ± 0.057	0.712 ± 0.043
Testis (L)	g	0.078 ± 0.006	
(R)	g	0.084 ± 0.007	
Ovary (L)	mg		3.8 ± 0.8
(R)	mg		4.2 ± 1.2
Uterus	g		0.062 ± 0.021
Thymus	g	0.031 ± 0.004	0.045 ± 0.015
Salivary gland (L)	g	0.070 ± 0.007	0.042 ± 0.012
(R)	g	0.068 ± 0.009	0.042 ± 0.009
Relative organ weight			
Brain	g%	1.76 ± 0.07	2.31 ± 0.08
Heart	g%	0.48 ± 0.03	0.51 ± 0.03
Lung	g%	0.55 ± 0.03	0.66 ± 0.04
Kidney (L)	g%	0.74 ± 0.06	0.69 ± 0.04
(R)	g%	0.80 ± 0.05	0.71 ± 0.04
Spleen	g%	0.29 ± 0.03	0.39 ± 0.04
Liver	g%	3.80 ± 0.12	3.77 ± 0.21
Testis (L)	g%	0.33 ± 0.02	
(R)	g%	0.35 ± 0.02	
Ovary (L)	mg%		20.17 ± 4.92
(R)	mg%		22.48 ± 6.99
Uterus	g%		0.32 ± 0.11
Thymus	g%	0.13 ± 0.02	0.24 ± 0.08
Salivary gland (L)	g%	0.29 ± 0.03	0.22 ± 0.07
(R)	g%	0.28 ± 0.04	0.22 ± 0.05

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