

系統名 : CD2F1/Slc

(BALB/cCrSlc ♀ × DBA/2CrSlc ♂) F1

特徴

- 雑種強勢により強健、環境への適応性が高い
- 両親系統の皮膚、組織、腫瘍等の移植が可能

用途

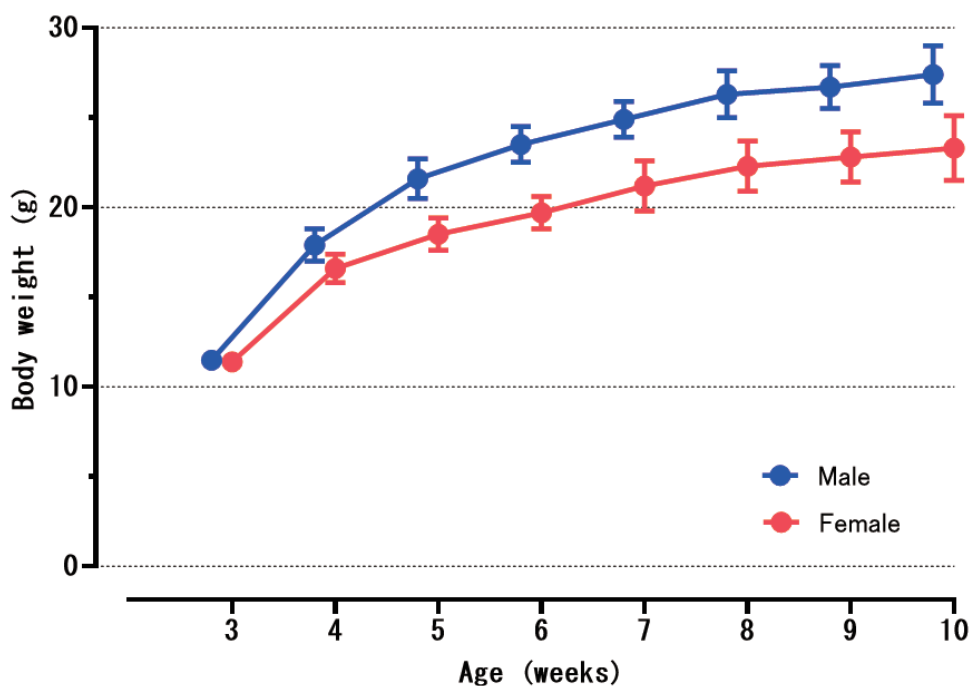
- 制癌剤のスクリーニング
- 遺伝子改変動物の作製等



毛色

シナモン色(AabbCc)

■体重曲線



		Age (weeks)								
		3	4	5	6	7	8	9	10	
Male (n=20)	Mean (g)	11.5	17.9	21.6	23.5	24.9	26.3	26.7	27.4	
	S.D.	0.4	0.9	1.1	1.0	1.0	1.3	1.2	1.6	
Female (n=20)	Mean (g)	11.4	16.6	18.5	19.7	21.2	22.3	22.8	23.3	
	S.D.	0.4	0.8	0.9	0.9	1.4	1.4	1.4	1.8	

飼料: 5L3R (PMI FEEDS)

■血液学的検査

Items	Unit	Male	Female
		10 weeks n=10	10 weeks n=10
WBC	$\times 10^2/\mu\text{L}$	28.8 \pm 9.0	37.6 \pm 9.2
RBC	$\times 10^4/\mu\text{L}$	1045.5 \pm 39.8	997.5 \pm 24.3
HGB	g/dL	14.9 \pm 0.6	14.4 \pm 0.4
HCT	%	48.2 \pm 1.9	46.2 \pm 1.1
MCV	fL	46.1 \pm 0.5	46.3 \pm 0.3
MCH	pg	14.2 \pm 0.3	14.5 \pm 0.1
MCHC	g/dL	30.8 \pm 0.4	31.2 \pm 0.2
PLT	$\times 10^4/\mu\text{L}$	130.6 \pm 7.2	118.6 \pm 9.1

Values are mean \pm S.D.
飼料: 5L3R (PMI FEEDS)

■血液生化学的検査

Items	Unit	Male	Female
		10 weeks n=10	10 weeks n=10
AST	U/L	47.9 \pm 8.8	54.4 \pm 9.2
ALT	U/L	24.5 \pm 7.2	27.4 \pm 6.0
ALP	U/L	302.0 \pm 13.6	363.9 \pm 35.3
ALB	g/dL	3.0 \pm 0.1	3.0 \pm 0.1
TP	g/dL	4.6 \pm 0.1	4.3 \pm 0.1
A/G		1.8 \pm 0.1	2.4 \pm 0.1
GLU	mg/dL	169.9 \pm 26.3	159.7 \pm 15.3
T-BIL	mg/dL	0.11 \pm 0.02	0.06 \pm 0.01
T-CHO	mg/dL	93.8 \pm 6.3	66.4 \pm 6.4
TG	mg/dL	117.1 \pm 24.5	83.1 \pm 32.1
PL	mg/dL	189.0 \pm 11.7	125.7 \pm 12.7
Ca	mg/dL	9.2 \pm 0.2	9.1 \pm 0.2
IP	mg/dL	6.4 \pm 0.5	6.7 \pm 0.6
BUN	mg/dL	21.6 \pm 2.7	18.7 \pm 1.9
CRE	mg/dL	0.06 \pm 0.01	0.05 \pm 0.01
Na	mEq/L	148.8 \pm 0.9	149.4 \pm 1.2
K	mEq/L	4.3 \pm 0.4	4.1 \pm 0.3
Cl	mEq/L	112.9 \pm 1.0	114.8 \pm 1.5

Values are mean \pm S.D.
飼料: 5L3R (PMI FEEDS)

■器官重量

Items	Unit	Male	Female
		10 weeks n=10	10 weeks n=10
Body weight	g	25.9 \pm 1.2	21.1 \pm 1.3
Absolute organ weight			
Brain	g	0.434 \pm 0.022	0.427 \pm 0.012
Heart	g	0.149 \pm 0.012	0.117 \pm 0.006
Lung	g	0.154 \pm 0.016	0.136 \pm 0.015
Kidney (L)	g	0.255 \pm 0.018	0.154 \pm 0.009
(R)	g	0.262 \pm 0.025	0.158 \pm 0.008
Spleen	g	0.082 \pm 0.010	0.095 \pm 0.012
Liver	g	1.156 \pm 0.087	0.925 \pm 0.082
Testis (L)	g	0.079 \pm 0.007	
(R)	g	0.082 \pm 0.009	
Ovary (L)	mg		7.4 \pm 2.1
(R)	mg		8.2 \pm 1.7
Uterus	g		0.106 \pm 0.025
Thymus	g	0.024 \pm 0.004	0.032 \pm 0.005
Salivary gland (L)	g	0.082 \pm 0.008	0.060 \pm 0.006
(R)	g	0.086 \pm 0.007	0.062 \pm 0.010
Relative organ weight			
Brain	g%	1.68 \pm 0.07	2.03 \pm 0.12
Heart	g%	0.58 \pm 0.05	0.55 \pm 0.03
Lung	g%	0.59 \pm 0.05	0.64 \pm 0.05
Kidney (L)	g%	0.98 \pm 0.03	0.73 \pm 0.04
(R)	g%	1.01 \pm 0.08	0.75 \pm 0.03
Spleen	g%	0.32 \pm 0.02	0.45 \pm 0.05
Liver	g%	4.46 \pm 0.19	4.37 \pm 0.24
Testis (L)	g%	0.31 \pm 0.02	
(R)	g%	0.32 \pm 0.03	
Ovary (L)	mg%		35.01 \pm 9.42
(R)	mg%		38.58 \pm 7.98
Uterus	g%		0.50 \pm 0.13
Thymus	g%	0.09 \pm 0.01	0.15 \pm 0.02
Salivary gland (L)	g%	0.32 \pm 0.02	0.29 \pm 0.03
(R)	g%	0.33 \pm 0.02	0.29 \pm 0.05

Values are mean \pm S.D.
飼料: 5L3R (PMI FEEDS)