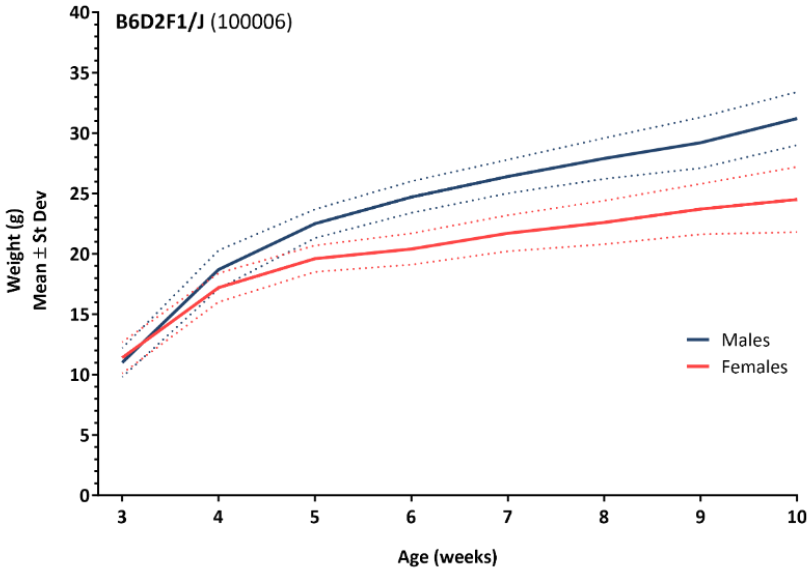
Physiological Data Summary – B6D2F1/J (100006)



Body Weight (g; mean ± st dev)		
Age (w)	Females	Males
3	11.4 ± 1.3	11.0 ± 1.2
4	17.2 ± 1.2	18.7 ± 1.6
5	19.6 ± 1.1	22.5 ± 1.2
6	20.4 ± 1.3	24.7 ± 1.3
7	21.7 ± 1.5	26.4 ± 1.4
8	22.6 ± 1.8	27.9 ± 1.7
9	23.7 ± 2.1	29.2 ± 2.1
10	24.5 ± 2.7	31.2 ± 2.2

Groups of 30 males and 30 females were weighed the same day each week. Mice were fed a diet containing 6% fat (LabDiet 5K52 formulation). Values represent mean and one standard deviation; ages are ± 3 days.

Hematology			
Parameter	Units	Females	Males
White blood cell count (WBC)	10^3 cells/µL	2.8 ± 1.1	4.4 ± 2.2
Red blood cell count (RBC)	10^6 cells/µL	8.8 ± 0.4	9.0 ± 0.4
Hemoglobin	g/dL	12.4 ± 0.4	12.7 ± 0.7
Hematocrit	%	42.1 ± 2.0	42.3 ± 1.8
Mean cell volume (MCV)	fL	48.0 ± 0.4	46.9 ± 0.7
Mean cell hemoglobin (MCH)	pg	14.1 ± 0.4	14.1 ± 0.5
Mean cell hemoglobin concentration (MCHC)	g/dL	29.4 ± 0.8	30.1 ± 1.0
Red cell distribution width (RDW)	%	17.6 ± 0.5	17.5 ± 1.0
Platelet count	10^3 cells/µL	830 ± 124	960 ± 133
Mean platelet volume (MPV)	fL	4.8 ± 0.1	4.8 ± 0.2
Neutrophils	%	18.6 ± 2.8	27.2 ± 11.6
	10^3 cells/µL	0.5 ± 0.2	1.3 ± 1.2
Lymphocytes	%	73.5 ± 3.5	65.4 ± 12.7
	10^3 cells/µL	2.1 ± 0.8	2.8 ± 1.2
Monocytes	%	7.4 ± 2.5	6.8 ± 2.0
	10^3 cells/µL	0.23 ± 0.15	0.33 ± 0.25
Eosinophils	%	0.5 ± 0.2	0.5 ± 0.5
	10^3 cells/µL	0.02 ± 0.01	0.02 ± 0.04
Basophils	%	0.12 ± 0.13	0.13 ± 0.18
	10^3 cells/µL	0.00 ± 0.00	0.01 ± 0.01

Hematology parameters were measured in submental whole blood samples collected at 8 weeks of age. Values are mean ± standard deviation of 9-10 mice per sex.

Serum Chemistry			
Parameter	Units	Females	Males
Albumin	g/dL	3.0 ± 0.1	2.8 ± 0.2
ALT	IU/L	24 ± 4	33 ± 7
AST	IU/L	60 ± 27	70 ± 38
Blood Urea Nitrogen	mg/dL	23 ± 3	26 ± 3
Glucose	mg/dL	248 ± 27	263 ± 29
Cholesterol	mg/dL	92 ± 9	121 ± 11
LDL	mg/dL	5.6 ± 1.0	1.9 ± 0.4
HDL	mg/dL	67 ± 6	90 ± 9
Triglycerides	mg/dL	169 ± 66	180 ± 51
NEFA	mEq/L	2.0 ± 0.4	1.6 ± 0.2
Phosphorus	mg/dL	9.1 ± 1.5	9.5 ± 2.1
T4	µg/dL	5.2 ± 0.7	4.9 ± 0.8
Total Protein	g/dL	4.9 ± 0.2	5.0 ± 0.3
Calcium	mg/dL	9.8 ± 0.3	9.9 ± 0.4
Sodium	mmol/L	150 ± 1	151 ± 1
Potassium	mmol/L	4.2 ± 0.3	5.0 ± 0.3
Chloride	mmol/L	113 ± 1	110 ± 1
CO2	mmol/L	14.4 ± 0.8	17.2 ± 1.3

Clinical chemistry parameters were measured in serum from submental blood collected at 8 weeks of age. Values are mean ± standard deviation of 9-10 mice per sex.