

Table S1 Individual mouse data on NCD

Genotype	Mouse #	Week 4 (g)	Week 5 (g)	Week 6 (g)	Week 7 (g)	Week 8 (g)	Week 9 (g)	Week 10 (g)	Week 11 (g)	Week 12 (g)	Week 13 (g)	Week 14 (g)	Week 15 (g)	Week 16 (g)	Week 17 (g)	Week 18 (g)	Week 19 (g)	Week 20 (g)	EWAT weight (g)	TL (mm)
<i>Rps6kb1</i> ^{-/-}	#1	13.2	18.42	20.05	21.85	23	23.5	24.14	24.64	24.97	25.2	25.37	26.04	26.38	26.4	26.7	26.38	26.86	0.33	17.68
<i>Rps6kb1</i> ^{-/-}	#2	12.96	18.46	19.56	20.87	21.49	22.64	23.23	23.76	24	24.25	24.52	25.24	25.36	26.15	26.44	26.38	26.39	0.55	17.44
<i>Rps6kb1</i> ^{-/-}	#3	13.62	15.82	17.98	19.02	20.43	21.15	21.93	22.1	22.67	22.61	23.63	23.23	23.87	24.9	24.96	24.82	25.15	0.6	17.14
<i>Rps6kb1</i> ^{-/-}	#4	12.9	16.62	18.3	19.67	20.7	20.5	20.05	21.51	21.48	22.29	23.58	23.45	23.77	24.5	24.65	26.55	27.85	0.68	17
<i>Rps6kb1</i> ^{-/-}	#5	14.76	18.7	20.25	21.53	21.9	21.3	21.21	22.45	23.3	24.12	24.74	25.27	25.3	25.53	25.3	26.42	27.1	0.68	17.5
<i>Rps6kb1</i> ^{-/-}	#6	12.37	16.02	16.9	18.04	19.22	19.99	20.51	21.17	22.05	22.4	22.62	23.38	23.95	24.03	24.28	25.31	26.18	0.57	17.22
<i>Rps6kb1</i> ^{-/-}	#7	11.23	16.16	18.19	19.4	20.71	21.64	21.97	21.43	22.95	23.45	23.85	24.1	24.33	24.41	24.83	24.53	25.4	0.2	17.06
<i>Rps6kb1</i> ^{-/-}	#8	11.75	16.57	18.68	19.67	21.05	22.29	22.54	21.84	23.31	23.31	24.2	24.24	24.8	25.49	25.83	24.97	25.18	0.21	17.1
<i>Rps6kb1</i> ^{-/-}	#9	12.45	17.15	18.78	20.4	20.65	21.05	21.75	22.58	22.94	23.64	23.8	24.9	25.05	25.85	26.27	26.7	26.7	0.41	17.44
<i>Rps6kb1</i> ^{-/-}	#10	14.44	19.08	20.25	21.44	21.42	22.18	23.09	23.5	23.55	23.9	25.25	25.68	26.14	26.45	26.9	27.65	28.38	0.84	17.62
<i>Rps6kb1</i> ^{-/-}	#11	10.88	16.6	19.35	21	22.54	23.1	23.85	24.3	24.65	24.43	25.15	25.45	25.2	25.2	25.7	25.1	25.8	0.17	17.3
WT	#1	15.9	20.86	23.94	25.58	27.23	28.8	29.45	29.75	31.2	31.43	32.74	32.45	32.65	32.68	34.57	34.75	34.55	0.82	18.54
WT	#2	18.75	23.16	24.66	26.45	27.87	29.02	30.3	31.07	32.25	32.74	33.34	33.3	33.63	35.77	37	37.45	37.9	1.38	18.48
WT	#3	14.39	18.09	20.4	22.3	23.95	24.35	25.5	25.85	26.08	25.86	26.85	27.37	28.34	28.67	29.35	28.4	29.5	0.7	18.1
WT	#4	17.55	20.05	21.55	22.43	23.47	23.68	25.05	25.8	26.2	27.2	27.95	28.83	29.18	29.92	30.64	31.62	33.8	0.69	18.52
WT	#5	17.14	21.3	23.59	25.17	26.93	27.02	27.75	28.04	28.75	28.69	29.58	30.03	30.2	30.1	30.95	31.3	31.1	0.36	18.42
WT	#6	14.45	20.33	21.42	23.65	24.23	25.19	25.65	26.55	27.18	27.38	27.8	28.67	30.04	30.26	30.77	31.23	31.3		
WT	#7	14.57	19.81	22.05	24.62	25.81	26.83	27.79	28.15	28.3	29.27	29.79	30.85	30.89	31.4	31.38	32.87	33.29		
WT	#8	13.63	17.45	19.75	21.1	22.07	22.59	23.6	24.1	25.21	25.84	26.71	26.84	27.38	28.31	28.7	29.33	30.11		
WT	#9	15.7	20.53	22.1	24.37	25.25	26.5	26.98	27.7	28.95	29.06	29.92	30.06	30.35	31.45	31.97	32.55	33.2		
WT	#10	13.74	19.5	21.53	23.24	24.27	25.1	26.06	26.48	27.62	28.49	29.17	29.76	29.9	30.18	30.5	31.41	31.35		
WT	#11	13.52	19.05	20.17	21.96	23.08	23.81	25.01	25.57	26.64	27.56	28.4	28.34	28.89	29.43	29.54	30.15	30.28		
WT	#12	16.39	21.07	21.92	23.04	25.05	25.39	26.94	28	27.9	28.76	28.2	28.8	28.48	29.65	30.74	30.45	31.5		
WT	#13	16.6	21.89	21.45	23.95	25.53	26.46	28.2	29.78	30.7	32.22	33.1	34.6	34.41	35.05	34.8	35.85	36.38		
WT	#14	14.4	19.73	21.75	22.8	23.84	24.84	25.85	26.82	27.3	27.85	28.05	28.33	28.76	29.22	30.71	31.45	31.6	0.81	18.1
WT	#15	16.15	20.47	22.02	23.64	24.42	25.37	26.25	26.89	27.11	27.78	27.94	28.05	29.23	29.6	30.4	31.3	30.85	0.89	18.28
WT	#16	16.44	21.31	22.95	24.5	25.69	27.06	27.5	28.3	29.22	29.41	29.7	31.36	31.68	32.04	32.54	32.97	33.47	1.11	18.54
WT	#17	15.16	20.8	20.98	23.38	24.3	25.75	26.65	27.95	28.69	28.95	29.26	30.85	30.99	32.02	32.05	32.55	33.17	1.18	18.42
WT	#18	13.68	19.02	20.42	21.38	22.34	23.2	23.51	24.26	24.77	25	25.86	25.64	25.99	26.38	27.4	27.35	27.7	0.41	17.96
WT	#19	16.66	21.7	23.25	25.25	26.87	28.45	29.9	30.8	31.77	32.48	33.03	33.73	34.6	34.62	34.91	35.6	36.4	1.38	18.5
WT	#20	13.7	18.71	20.6	23.47	24.5	24.9	26.43	27.35	28.7	29.35	29.84	30.02	30.08	30.63	31.44	32.65	33.38	0.93	18.2
WT	#21	16.89	22.06	23.47	24.7	26.23	27.25	28.5	29.48	30.76	30.22	31.21	30.95	32.45	33	34.3	34.43	35.1	1.12	18.5
<i>Rcan2</i> ^{-/-}	#1	13.83	19.23	20.82	22.32	24.76	24.93	25.26	25.9	26.62	27.41	27.16	28.03	29.24	29.41	30.37	30.62	30.25		
<i>Rcan2</i> ^{-/-}	#2	13.37	18.52	20.3	22.16	23.33	23.66	23.78	24.43	25.33	25.38	25.63	26.37	26.6	27.1	27.05	27.41	26.74		
<i>Rcan2</i> ^{-/-}	#3	14.08	19.49	21.17	22.45	23.47	24.48	25.47	26.17	27.09	27.17	27.58	27.4	27.91	28.47	27.87	28.8	28.6		
<i>Rcan2</i> ^{-/-}	#4	16.05	21.6	22.5	23.76	26.47	27.06	27.9	29.08	28.86	29.2	29.06	29.9	30.05	31.11	31.77	32.05	32.67		
<i>Rcan2</i> ^{-/-}	#5	12.53	18.56	20.2	21.93	23.16	24.04	25.19	26.13	26.66	27.1	26.75	27.59	28.4	28.34	29.15	29.93	29.6		
<i>Rcan2</i> ^{-/-}	#6	14.22	19.81	19.96	21.9	22.96	23.71	24.14	24.14	24.4	24.6	25.18	25.67	25.21	25.75	25.73	25.83	26.27		
<i>Rcan2</i> ^{-/-}	#7	16.17	20.52	22.96	24.32	25.4	26.06	27.31	28.03	27.7	27.65	27.71	28.02	28.04	29.8	30.44	30.97	30.77	0.86	18.16
<i>Rcan2</i> ^{-/-}	#8	14.07	21.63	22.12	24.01	24.5	24.89	25.36	25.6	25.83	25.57	25.74	26.6	27.3	26.89	26.97	27.4	27.86	0.52	18.22
<i>Rcan2</i> ^{-/-}	#9	15.35	21.07	22.84	23.97	25.01	25.45	25.9	26.74	27.23	27.17	27.45	27.72	28.35	28.52	28.35	28.8	29.33	0.49	18.26
<i>Rcan2</i> ^{-/-}	#10	16.18	21.22	22.2	22.99	24.52	24.8	25.25	25.55	25.82	25.8	26.2	26.35	27.02	27.27	27.71	28.2	28.95	0.44	18.18
<i>Rcan2</i> ^{-/-}	#11	14.59	19.73	21.5	23.07	24.26	24.21	25.03	26.08	26.96	26.6	27.05	27.35	27.15	27.54	28.4	28.95	29.78	0.52	18.28
<i>Rcan2</i> ^{-/-}	#12	13.05	18.49	20	20.59	22.59	23.03	23.8	24.05	24.45	24.87	25.2	25.6	26.02	26.65	26.83	26.58	26.65	0.4	18.1
<i>Rcan2</i> ^{-/-}	#13	11.7	16.21	20.2	21.41	23.28	24.06	25.97	25.64	25.95	26.46	26.8	27.25	27.54	27.8	27.98	28.1	28.35	0.34	18.18