

Table S2 Individual mouse data on HFD

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(g)	RWAT(g)	Liver(g)	TL(mm)
<i>Rps6kb1</i> ^{-/-}	#1	14.75	19.23	19.7	21.95	22.84	24.35	25.85	27	27.45	28.45	29.95	30.7	32.02	33.35	35.1	37.05	38.75	3.25	0.99	1.29	16.92
<i>Rps6kb1</i> ^{-/-}	#2	14.25	18.65	20.15	21.9	22.85	23.6	24.4	24.8	25.35	26.35	27.45	28.25	29.05	30.27	30.55	32.12	33	2.3	0.7	1.01	16.96
<i>Rps6kb1</i> ^{-/-}	#3	13.76	17.3	18.1	19.4	20.35	20.9	21.15	21.9	22.55	23.35	23.95	25.12	26.15	27.35	27.6	27.95	28.6				
<i>Rps6kb1</i> ^{-/-}	#4	16.58	19.65	20.6	22.5	23.45	23.8	24.15	24.7	26.2	27	28.2	29.85	30.85	32.65	33.9	35.7	37.95	3.12	0.89	1.31	17.13
<i>Rps6kb1</i> ^{-/-}	#5	11.7	16.6	17.8	19	20.5	21.2	22.35	24.05	25.2	26.25	27.5	28.8	30.4	31.72	32.5	33.5	35.5	2.64	1.02	1.21	16.72
<i>Rps6kb1</i> ^{-/-}	#6	17.25	20	20.8	21.98	23.8	24.6	25.43	27.25	28.7	30.25	31.6	33.25	34.95	36.05	36.47	38.25	40.45	2.92	1.19	1.91	17.3
<i>Rps6kb1</i> ^{-/-}	#7	12.4	17.45	18.8	20.75	21.7	22.2	23.75	24.4	25.1	26.1	27.75	28.6	29.75	30.15	29.85	30.5	30.9	1.54	0.61	1	17.14
<i>Rps6kb1</i> ^{-/-}	#8	13.1	18.45	19.01	20.4	21.85	23.58	25.1	25.8	27.4	28.85	30.5	31.8	33	34.55	35.2	36.6	37.75	2.81	0.94	1.29	17.28
<i>Rps6kb1</i> ^{-/-}	#9	12.45	17.25	18.7	20.35	21.65	22.8	23.75	25	25.85	27.3	28.9	30.8	31.58	32.48	33.65	35.37	37.15	2.63	0.97	1.4	16.96
WT	#1	14.98	20.4	22.85	25.3	28	30.5	32.85	34.9	36.9	37.6	40.6	41.3	44.6	46.53	48.2	49.1	49.8	2.18	1.4	2.01	18.24
WT	#2	15.5	20.85	22.6	24.8	27	29.01	31.35	33.45	34.4	35.9	37.45	40.45	43.35	44.97	46.48	47.35	48.65	2.05	1.47	1.8	18.42
WT	#3	15.85	21.36	22.6	24.75	26.65	28.15	30	30.1	31.6	33.5	35.87	37.55	39.6	41.75	43.9	46.35	48.25	3.65	1.47	1.45	18.06
WT	#4	15.85	19.75	21.2	23.2	24.6	26.95	29.25	30.47	32.4	34.5	36.9	39.1	41	42.95	43.95	45.4	47.05	2.28	1.4	1.82	18
WT	#5	16.45	22.7	23.8	25.6	27.4	28.35	30.5	31	31.95	33.35	34.6	36.3	38.36	39.9	41.65	44.55	3.02	1.31	1.41	18.32	
WT	#6	16.65	20.65	23.1	24.7	27.2	29.25	31.7	33.85	34.5	36.45	37.55	38.2	39.45	40.5	42.2	42.8	44.1	2.74	1.29	1.29	18.28
WT	#7	16.75	22.25	24.15	26.8	29.6	31.65	33.95	34.9	37.6	39.2	42.6	45.05	47.8	49.8	51.05	51.8	53	2.32	1.62	2.87	18.32
WT	#8	17.2	21.75	23.9	25.45	27.2	28.65	30.7	33.06	35.3	37.75	40.01	41.85	44.58	46.95	48.8	49.1	49.9	2.41	2.2	2.27	18.3
WT	#9	17.51	22.15	23.9	25.95	28.55	30.2	32.7	34.54	36.25	38.1	40.05	41.9	43.55	45.25	47.7	48.4	50.15	2.34	1.56	2.02	18.2
WT	#10	18.25	22.45	24.6	26.65	28.35	29.85	31.6	32.28	33.95	34.55	36.63	38.55	39.8	40.5	41.4	42.12	43.9	2.72	1.22	1.31	18.26
WT	#11	18.7	21.95	24.25	26.65	28.58	31.23	33.85	35.19	37.65	40.6	43.65	45.9	47.8	49.4	50.48	51.95	52.35	2.15	2.05	3.06	18.22
WT	#12	19.92	24.1	26.85	28.9	31.35	33.2	35.85	38.35	40.2	42.05	43.25	43	45.2	47.55	49.4	50	51.28	2.4	1.48	1.91	18.6
<i>Rcan2</i> ^{-/-}	#1	13.7	19.3	21.55	22.9	23.6	24.9	25.5	26	26.75	27.05	26.6	27	27.8	28.4	28.27	29.45	29.68	0.97	0.51	0.93	18.02
<i>Rcan2</i> ^{-/-}	#2	14.4	19.65	21.95	23	25.15	25.8	27.4	28.75	30.2	31.6	33.05	33.75	36.35	37.65	39.25	40.5	42.35				
<i>Rcan2</i> ^{-/-}	#3	14.53	20.15	21.45	22.95	24.1	24.8	25.4	26.3	26.1	26.7	26.75	27.5	28.3	28.95	29.4	29.8	30.63	1.33	0.57	0.89	18.08
<i>Rcan2</i> ^{-/-}	#4	14.88	19.95	22.8	24.45	26.5	28.15	30	31.8	32.35	33	33.1	33.85	34.6	35.25	35.95	35.7	36	1.66	0.75	1.1	18.06
<i>Rcan2</i> ^{-/-}	#5	15.56	19.63	21.9	23.3	24.2	25.05	26.35	27.25	25.55	27.2	27.05	27.44	28.1	28.25	27.9	28.05	28.4	0.61	0.27	0.89	18.26
<i>Rcan2</i> ^{-/-}	#6	16.14	20.4	22.9	24.65	26.4	27.55	28.3	29.5	30.5	31.1	31.4	32.45	32.9	33.1	33.25	33.9	34.15	1.3	0.6	1.06	18.24
<i>Rcan2</i> ^{-/-}	#7	16.2	21.33	22.75	24.05	25.25	26.55	28.1	29.35	31.15	32.05	32.83	34.19	35	36.3	38.9	40.3	41.85				
<i>Rcan2</i> ^{-/-}	#8	16.25	20.9	21.5	22.95	24.35	25	26	26.7	26.74	27.65	28.45	28.75	29.2	29.3	30.15	31.35	32.2	1.45	0.59	1.01	18.32
<i>Rcan2</i> ^{-/-}	#9	17.48	21.55	22.65	23.95	25.15	25.98	26.95	27.95	27.55	28.4	29.75	30.35	30.45	30.33	31.3	32.25	32.7	1.05	0.54	1.14	18.26
<i>Rcan2</i> ^{-/-}	#10	18.05	21.8	24.1	25.05	25.95	26.77	27.8	28.7	30	30.35	31.52	32.3	32.85	34.16	34.4	35.62	36.5	1.46	0.77	1.12	18.4
<i>Rcan2</i> ^{-/-}	#11	19.15	22.95	23.9	25.14	26.3	27.98	28.05	28.95	31.04	32.1	32.82	34.4	35.7	36.8	38.3	39.3	40.2				