

Supplementary table S2: Body weight change (%)

Treatment	Mouse #	Day 0	Day 1	Day 2	Day 3
Control	1.00	100.00	99.65	97.22	100.35
	2.00	100.00	99.29	98.94	100.35
	3.00	100.00	101.75	103.50	106.29
	4.00	100.00	100.34	98.29	99.32
	5.00	100.00	102.42	102.77	101.04
	6.00	100.00	99.66	99.66	99.32
	7.00	100.00	99.30	100.70	101.74
	8.00	100.00	98.67	98.00	100.33
Coconut oil	1.00	100.00	96.62	96.24	94.36
	2.00	100.00	100.72	96.39	97.11
	3.00	100.00	93.42	93.09	93.09
	4.00	100.00	99.65	100.35	101.77
	5.00	100.00	100.34	100.67	101.01
	6.00	100.00	94.31	93.98	96.32
	7.00	100.00	99.65	98.60	101.40
	8.00	100.00	98.58	98.22	103.20
Omega lard	1.00	100.00	104.93	106.25	103.95
	2.00	100.00	102.81	103.16	102.81
	3.00	100.00	101.33	102.00	104.00
	4.00	100.00	98.38	96.44	99.68
	5.00	100.00	99.67	101.64	103.95
	6.00	100.00	101.63	104.90	105.23
	7.00	100.00	97.08	97.73	99.35
	8.00	100.00			

Unit = %

Day 4	Day 5	Day 6	Day 7	Day 8	Day 9
100.69	100.00	98.61	98.61	98.61	98.61
101.42	101.42	101.77	102.48	103.90	101.77
107.69	108.04	105.24	104.55	104.90	103.15
100.68	101.02	100.00	99.66	102.05	101.71
101.38	100.69	100.35	100.00	102.42	100.69
98.64	98.98	99.66	98.64	101.36	101.02
101.39	100.35	100.00	101.74	101.74	101.74
100.33	100.33	99.67	100.00	100.67	99.67
93.98	97.74	98.50	101.13	101.50	105.26
94.95	100.36	96.39	97.83	97.11	100.00
94.41	97.70	96.38	100.00	103.95	102.30
102.12	103.18	102.47	103.53	103.18	103.18
101.01	100.67	100.00	104.04	103.37	103.70
97.32	96.66	95.99	97.99	97.66	99.00
103.51	101.05	100.70	101.05	101.75	104.21
102.49	105.34	102.49	103.20	106.05	107.12
104.93	105.59	106.91	107.89	108.55	110.20
105.26	106.32	105.26	108.07	109.82	113.33
104.67	107.00	107.33	106.00	109.33	112.00
99.35	101.29	102.59	102.59	103.88	104.85
108.22	108.88	107.24	107.89	108.55	111.51
107.19	108.82	110.13	111.44	111.44	114.71
98.05	99.35	100.65	101.62	103.57	106.17

Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
99.31	100.00	99.65	98.61	97.92	97.22
102.13	101.42	102.48	101.77	102.48	101.42
103.85	103.85	104.55	102.45	103.15	101.75
101.02	103.07	103.07	102.05	101.02	102.73
101.38	99.31	100.69	100.00	99.65	101.38
101.36	101.36	103.05	101.36	102.03	102.03
101.74	102.44	102.44	101.74	102.79	103.83
101.00	100.33	100.67	99.00	99.67	101.67
106.77	108.65	109.40	112.03	113.16	113.16
100.72	100.36	103.61	101.44	101.81	102.53
106.25	104.61	105.59	107.24	108.22	111.18
107.42	108.13	109.19	108.83	109.89	113.07
103.70	106.06	106.40	107.41	107.74	106.06
101.34	101.00	104.01	103.68	106.02	105.02
103.86	104.91	104.91	108.07	107.37	110.88
108.19	107.83	108.90	110.68	110.32	109.25
111.84	114.47	116.78	117.43	116.78	120.39
112.98	117.54	118.60	120.00	118.25	121.05
112.33	114.33	115.00	117.33	119.67	119.33
110.68	112.30	114.24	113.92	114.56	116.18
115.13	114.47	114.14	113.49	114.80	117.11
117.32	118.30	119.93	117.65	121.24	122.55
107.79	110.06	110.06	111.04	113.64	113.31

Day 16	Day 17	Day 18	Day 19	Day 20	Day 21
98.96	96.88	99.31	101.04	100.69	99.65
103.90	102.13	103.19	104.96	105.32	104.26
102.80	103.50	103.15	101.75	102.45	101.75
104.78	104.10	103.41	103.75	105.46	104.44
102.77	101.04	101.04	101.73	104.50	102.08
102.71	102.71	102.37	103.39	106.10	105.76
103.83	104.18	103.83	104.53	103.14	103.48
102.00	101.33	101.67	101.33	102.67	103.00
116.54	117.29	117.29	120.68	121.80	123.31
105.05	105.05	105.42	105.78	106.50	107.58
112.50	113.82	112.83	114.80	115.46	114.14
113.07	115.90	113.43	117.31	117.31	117.31
106.73	106.06	108.08	109.43	109.76	113.47
107.36	109.03	110.03	110.37	112.04	112.37
110.88	110.18	112.28	113.33	112.98	115.44
109.61	111.74	111.74	114.59	113.88	113.52
120.07	121.38	122.04	123.03	127.30	128.29
121.75	123.16	124.56	127.02	126.67	127.72
121.33	124.33	125.67	125.67	126.67	129.33
119.09	119.74	122.98	124.60	125.57	126.86
118.75	119.74	122.70	123.03	125.66	126.32
125.16	124.18	128.43	128.43	130.39	130.72
116.88	117.21	119.16	122.08	123.38	124.35

Day 22	Day 23	Day 24	Day 25	Day 26	Day 27
100.00	101.74	101.04	102.78	102.43	101.04
106.03	105.67	107.09	108.16	107.09	107.09
103.85	103.50	103.50	105.59	104.20	102.80
107.17	106.83	107.17	108.53	107.17	107.85
105.19	104.50	103.81	106.23	103.81	104.50
107.46	107.46	106.78	109.15	108.47	108.47
106.62	106.62	105.92	107.32	106.97	105.57
103.67	102.33	102.67	103.00	101.67	101.67
125.94	123.68	122.56	124.81	124.81	127.07
107.22	110.47	111.91	112.27	115.88	115.16
119.41	118.75	118.75	121.38	121.05	122.04
120.14	119.43	121.20	123.67	123.67	124.73
114.48	115.49	117.85	120.54	120.54	119.87
113.38	114.38	114.72	118.73	117.73	117.73
114.74	116.84	117.89	118.95	119.65	119.30
118.15	118.15	118.51	121.00	119.93	119.93
130.59	130.59	133.22	135.53	135.53	135.53
130.18	129.82	134.04	134.74	132.63	134.04
129.67	130.00	132.33	133.67	133.67	133.00
128.80	127.83	128.48	130.74	131.39	132.69
127.30	127.63	128.95	129.61	131.25	131.58
133.33	133.66	135.62	136.93	137.25	138.89
125.32	126.62	127.92	128.90	130.84	131.49

Day 28

102.43

110.28

104.55

109.22

105.88

108.81

105.57

102.33

130.08

117.33

120.07

125.44

118.86

120.74

122.11

123.84

139.80

138.25

138.00

135.60

133.88

142.16

133.12