

Supplementary Table 3. Age and body weight for male *Pomc*^{tm1/tm1} mice at the start of treatment. Data shown for 14 days of treatment in Figure 1A and 1B.

Treatment	α -MSH			Desacetyl- α -MSH		
	Animal ID	Age at Surgery (weeks)	Body weight at Day 0 (g)	Animal ID	Age at Surgery (weeks)	Body weight at Day 0 (g)
Vehicle						
	1.1	26	43.15	1.1	26	48.55
	1.2	26	43.59	1.2	26	47.96
	1.3	26	48.23	1.3	26	49.54
	2.1	29	43.95	2.1	30	46.01
	2.2	29	45.69	2.2	30	41.13
	2.3	29	47.22	2.3	30	47.58
0.05 μg						
	1.1	27	39.16	1.1	26	46.20
	1.2	27	41.33	1.2	26	42.98
	1.3	27	35.16	1.3	26	43.20
	2.1	29	45.08	2.1	30	49.37
	2.2	29	43.56	2.2	30	44.97
	2.3	29	44.54	2.3	30	45.98
				2.4	30	44.95
0.50 μg						
	1.1	26	42.16	1.1	26	47.52
	1.2	26	41.31	1.2	26	49.63
	1.3	26	38.87	1.3	26	47.03
	2.1	29	47.22	2.1	28	44.44
	2.2	29	46.83	2.2	28	47.80

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	2.3	29	48.13	2.3	29	47.66
5.00 µg						
	1.1	26	42.63	1.1	27	46.05
	1.2	26	42.99	1.2	27	45.69
	1.3	26	44.52	1.3	27	47.43
	2.1	29	46.16	2.1	29	47.20
	2.2	29	46.59	2.2	29	46.52
	2.3	29	46.92	2.3	29	41.50