

Table 2. Fatty acid composition of SERCA's lipid annulus in soleus muscles from rats fed control and HFD.

Fatty acid	Control	HFD
12:0	30.6 ± 3.6	31.3 ± 4.4
14:0	19.2 ± 1.2	17.9 ± 0.8
16:0	13.7 ± 1.3	11.5 ± 1.1
18:0	13.0 ± 1.4	11.1 ± 1.2
16:1	2.1 ± 0.9	3.0 ± 1.1
18:1	3.4 ± 1.6	1.2 ± 0.4
22:1	9.7 ± 2.6	13.6 ± 1.7
18:3 n 3	0.5 ± 0.2	1.2 ± 0.5
18:2 n 6	1.5 ± 0.5	0.6 ± 0.3
18:3 n 6	3.0 ± 0.8	5.7 ± 2.0
SFA	79.0 ± 3.2	74.4 ± 3.1
MUFA	15.8 ± 2.9	18.1 ± 2.0
PUFA	5.2 ± 1.0	7.5 ± 2.3
n 3 PUFA	0.5 ± 0.2	1.2 ± 0.5
n 6 PUFA	4.7 ± 0.9	6.3 ± 1.9
UI	33 ± 5	39 ± 7

Values are expressed as percent mol fraction of total fatty acids. $n = 9$ per group. SFA, saturated fatty acids; MUFA, monounsaturated fatty acids; PUFA, polyunsaturated fatty acids; UI, unsaturation index = $\sum m_i \times n_i$ where m_i is the mol percentage and n_i is the number of carbon-carbon double bonds of the fatty acid.