

Electronic Supplementary Information (ESI)

Supplementary Table: Control and high-fat diet composition¹

Nutrient	Control diet (10% calories from fat) (g/kg)	High-fat diet (60% calories from fat) (g/kg)
Casein	210	265
L-Cysteine	3	4
Corn Starch	280	0
Maltodextrine	50	160
Sucrose	325	90
Lard	20	310
Soybean Oil	20	30
Cellulose	37.2	65
Mineral Mix ^a	35	48
Calcium Phosphate	2	3.4
Vitamin Mix ^b	15	21
Choline Bitartrate	2.75	3.0

^a AIN-93G-MX (94046)

^b AIN-93-VX (94047)

Reference:

1. Cremonini E, Wang Z, Bettaieb A, Adamo AM, Daveri E, Mills DA, Kalanetra KM, Haj FG, Karakas S and Oteiza PI, (-)-Epicatechin protects the intestinal barrier from high fat diet-induced permeabilization: Implications for steatosis and insulin resistance, *Redox Biol.* 2018, **14**, 588-99.