

Appendix 1. Formulation of the Emulsion with High Fat Content

High-fat-emulsion components	Amount
Corn oil (g)	400
Saccharose (g)	150
Total milk powder (g)	80
Cholesterol (g)	100
Sodium deoxycholate (g)	10
Tween 80 (g)	36.4
Propylene glycol (g)	31.1
Vitamin mixture (g)	2.5
Cooking salt (g)	10
Mineral mixture (g)	1.5
Distilled water (ml)	300
Total energy (kcal/l)	4342

Appendix 2. The primer sequences of gene. Displays the primer sequences utilized in the real-time PCR assays. The amount of each gene was normalized to the amount of GAPDH.

Gene	Forward Primer	Reversed Primer
SREBP-1c	TCTTGACCGACATCGAGACAT	CCTGTGTCTCCTGTCTCACC
FAS	CCCGGACCCAGAATACCAAG	TCTTCAAGTCACACGAGGTG
ACC	TTAAGGGGTGAAGAGGGTGC	CACTTCCAAAGACCTAGCC
PPAR γ	CGAGTGTGACGACAAGGTGA	ACGCTTCTTCAATCTGTCTG
PPAR α	TGGTGCATTTGGGCGTATCT	CACGAGCGCTAAGCTGTGA
CPT-1 α	AGCCCTGAGACAGACTCACA	ATCACGAGGGTCCGTTTTCC
IL-1 β	TGCCACCTTTGACAGTGATG	TGATGTGCTGCTGCGAGATT
IL-6	CCAGTTGCCTTCTTGGGACT	TGCCATTGCACA ACTCTTTC
TNF- α	ATGGGCTCCCTCTCATCAGT	GCTTGGTGGTTTGCTACGAC
TGF- β 1	CTGCTGACCCCCACTGATAC	GGGGCTGATCCCGTTGATT
NOX1	AGGCTCCAGACCTCCATTGA	AAGGCAAGGCAGTTC CGAG
NOX2	GGCATTTCGTAGTACAGCTCA	ATTGGTCCTCGGGAGTCAGA
NOX4	TGGCCAACGAAGGGGTAAA	ACACAATCCTAGGCCAACA
GAPDH	CTCTCTGCTCCTCCCTGTTC	CGATACGGCCAAATCCGTTC