

Table 1 Saturated/unsaturated fatty acids used in this study

Fatty acids	Abbreviation	Type	Carbon chain length
Palmitate acid	PA	Saturated	16: 0
Stearic acid	SA	Saturated	18: 0
Behenic acid	BA	Saturated	22: 0
Lignoceric acid	LA	Saturated	24: 0
Palmitoleate acid	PO	Unsaturated	16: 1
Arachidonic acid	ARA	Unsaturated	20: 4 (ω -6)
Eicosapentaenoic acid	EPA	Unsaturated	20: 5 (ω -3)
Docosahexaenoic acid	DHA	Unsaturated	22: 6 (ω -3)