**Online supporting material**

**Supplementary Table S1.** Fatty acid profile of lipid supplements used in the diet

|  |  |
| --- | --- |
| Fatty acids, % | Supplements |
| SA1 | CLA2 |
| ∑C4 a C11:0 | 0.12 | Nd |
| C14:0 | 0.08 | Nd |
| C15:0 | 0.03 | Nd |
| C16:0 | 9.68 | 4.10 |
| C17:0 | 0.15 | Nd |
| C18:0 | 86.98 | 3.60 |
| *cis*-9 C18:1  | 0.10 | 27.40 |
| *cis*-9*, cis*-12 C18:2  | Nd | 1.20 |
| *cis*-9*, trans*-11 CLA  | Nd | 29.80 |
| *trans*-10*, cis*-12 CLA  | Nd | 29.90 |
| C20:0 | 0.61 | Nd |
| C21:0 | 0.02 | Nd |
| C22:0 | 0.41 | Nd |
| C23:0 | 0.04 | Nd |
| C24:0 | 0.14 | Nd |
| ∑ Unidentified3 | 0.64 | 4.0 |

Nd: not detected;

1Supplement containing 87% SA, Prius F100 Nat Dry, Auster Animal Nutrition Ltda;

2Supplement containing 29.9% *trans*-10, *cis*-12 CLA, Conjugated Linoleic Acid (CLA), BASF Animal Nutrition.

3Unidentified fatty acids;