

Supplementary Table 1. *n*-6/*n*-3 ratios in organs and tissues from piglets #2, #4 and #5

Organs or Tissues	<i>n</i> -6/ <i>n</i> -3 Ratio*		
	Piglet #2 (Non-transgenic)	Piglet #4 (Transgenic)	Piglet #5 (Transgenic)
Muscle	15.88 ± 0.84	4.35 ± 0.00	9.02 ± 0.00
Liver	9.63 ± 0.16	2.72 ± 0.01	4.73 ± 0.03
Kidney	17.30 ± 0.34	5.97 ± 0.14	10.56 ± 0.34
Heart	18.46 ± 0.22	6.68 ± 0.12	8.51 ± 0.07
Spleen	14.21 ± 0.25	5.03 ± 0.01	6.90 ± 0.07
Tongue	21.28 ± 0.20	3.61 ± 0.11	8.82 ± 0.1
Brain	1.56 ± 0.12	1.06 ± 0.01	1.07 ± 0.01
Skin	17.39 ± 2.27	9.15 ± 0.17	10.77 ± 0.32

* *n*-6/*n*-3 ratio was calculated from *n*-6 fatty acids [linoleic acid (LA, 18:2*n*-6) and arachidonic acid (AA, 20:4*n*-6)] versus *n*-3 fatty acids [α -linolenic acid (ALA, 18:3*n*-3), eicosapentaenoic acid (EPA, 20:5*n*-3), docosapentaenoic acid (DPA, 22:5*n*-3), and docosahexaenoic acid (DHA, 22:6*n*-3)]. Each value represents the mean ± standard deviation from three independent measurements of each tissue.