

Table 3S Composition of medium- and long-chain fatty acids in 15 d feces of nonsaponification Asta pre-treated (N-Asta) and saponification Asta pre-treated (S-Asta) groups.

Content (µg/g)	N-Asta	S-Asta	Content (µg/g)	N-Asta	S-Asta
C6:0 Caproate	0.87 ± 0.01	1.03 ± 0.09	C19:1N9T 10-Transnonadecenoate	6.25 ± 0.11	4.71 ± 0.77
C8:0 Caprylate	ND	ND	C18:2N6 Linoleate	37.11 ± 0.86	17.61 ± 1.19**
C10:0 Caprate	0.21 ± 0.00	0.33 ± 0.07	C20:0 Arachidate	10.59 ± 1.13	10.50 ± 0.28
C11:0 Unndecanoate	ND	ND	C18:3N6 GammaLinolenate	0.85 ± 0.10	0.98 ± 0.22
C12:0 Laurate	0.96 ± 0.16	1.75 ± 0.26	C20:1T Trans11-Eicosenoate	4.72 ± 0.18	7.53 ± 0.96
C13:0 Tridecanoate	1.64 ± 0.13	2.32 ± 0.59	C20:1 11-Eicosenoate	3.39 ± 0.10	3.83 ± 0.39
C14:0 Myristate	9.16 ± 0.71	13.88 ± 1.43	C18:3N3 AlphaLinolenate	1.27 ± 0.09	1.38 ± 0.03
C14:1 T Myristelaidate	8.93 ± 0.07	12.33 ± 2.01	C21:0 Heneicosanoate	0.50 ± 0.03	0.54 ± 0.03
C14:1 Myristoleate	8.04 ± 0.06	10.54 ± 1.49	C20:2 11-14 Eicosadienoate	3.09 ± 0.04	2.53 ± 0.19
C15:0 Pentadecanoate	7.49 ± 1.01	17.50 ± 2.92 [#]	C22:0 Behenate	6.38 ± 0.90	5.30 ± 0.03
C15:1 T 10-Transpentadecenoate	1.91 ± 0.18	2.55 ± 0.59	C20:3N6 HOMO Homogamma Linolenate	3.74 ± 0.04	2.19 ± 0.22**
C15:1 10-Pentadecenoate	2.78 ± 0.01	3.40 ± 0.41	C22:1N9T Brassidate	3.86 ± 0.33	4.54 ± 0.38
C16:0 Palmitate	884.38 ± 81.74	977.31 ± 89.54	C22:1N9 Erucate	14.39 ± 0.40	7.23 ± 0.71**
C16:1T Palmitelaidate	17.85 ± 4.93	21.98 ± 0.10	C20:3N3 11-14-17 Eicosatrienoate	0.72 ± 0.15	0.78 ± 0.00
C16:1 Palmitoleate	5.16 ± 0.13	6.39 ± 0.77	C20:4N6 Arachidonate	35.92 ± 2.70	9.66 ± 0.71**
C17:0 Heptadecanoate	5.62 ± 0.52	6.41 ± 0.43	C23:0 Tricosanoate	3.11 ± 0.25	2.81 ± 0.45
C17:1 T 10-Transsheptadecenoate	4.02 ± 0.06	5.07 ± 0.59	C22:2 Docosadienoate	1.45 ± 0.04	1.94 ± 0.01 ^{##}
C17:1 10-Heptadecenoate	3.42 ± 0.14	6.17 ± 1.33	C20:5N3EPAEicosapentaenoate	1.28 ± 0.13	1.31 ± 0.39
C18:0 Stearate	515.08 ± 6.36	609.56 ± 40.24	C24:0 Lignocerate	12.65 ± 2.32	11.40 ± 0.75
C18:1 N12T Petroselaidate	2.34 ± 0.06	2.81 ± 0.37	C24:1 Nervonoate	7.37 ± 0.08	7.92 ± 0.89
C18:1N9T Elaidate	3.14 ± 0.42	4.08 ± 0.76	C22:4 Docosatetraenoate	4.80 ± 0.35	2.35 ± 0.50*
C18:1N7T Transvaccenate	42.46 ± 5.64	54.46 ± 5.65	C22:5N6 DPA Docosapentaenoate	1.68 ± 0.18	1.55 ± 0.68
C18:1N12 Petroselinate	28.83 ± 4.31	32.34 ± 3.26	C22:5N3 DPA Docosapentaenoate	2.14 ± 0.35	1.34 ± 0.83

C18:1N9C Oleate	68.59 ± 6.87	68.46 ± 3.69	C22:6N3 DHA Docosahexaenoate	5.86 ± 0.20	2.82 ± 0.10**
C18:1N7 Vaccenate	10.18 ± 0.19	12.27 ± 1.73	Total fatty acids	1814.35 ± 114.63	1996.01 ± 165.17
C18:2N6T Linoelaidate	1.39 ± 0.00	1.65 ± 0.19	Total saturated fatty acids	1462.00 ± 95.07	1664.48 ± 135.06
C19:1N12T 7-Transnonadecenoate	6.79 ± 0.11	8.65 ± 1.05	Total unsaturated fatty acids	352.34 ± 19.56	331.53 ± 30.12

Note: ND represents no detection. “*” and “**” indicate significant decreases $p < 0.05$, and $p < 0.01$, respectively. “#” and “##” indicate significant increases $p < 0.05$, and $p < 0.01$, respectively in same fatty acid.