

Supplementary Table 3: Total lipid and fatty acid contents (mg FAME/g dw) of muscle tissue from 2-year old diploid and triploid Atlantic salmon.

Content	Diploid	Triploid	P-value
14:0	3.47±0.26	1.57±0.31	p≤ 0.001
15:0	0.34±0.02	0.16±0.03	p≤ 0.001
16:0	16.05±1.03	7.97±1.09	p≤ 0.001
16:1n-9	0.25±0.02	0.12±0.02	p≤ 0.001
16:1n-7	4.39±0.33	2.02±0.38	p≤ 0.001
17:0	0.34±0.02	0.17±0.03	p≤ 0.001
17:1n-7	None detected	None detected	NA
18:0	3.39±0.25	1.70±0.19	p≤ 0.001
18:1n-9	0.08±0.01	0.03±0.01	p≤ 0.001
18:1n-9c	20.71±2.28	8.09±1.78	P= 0.171
18:2n-6t	0.03±0.00	0.01±0.00	P= 0.005
18:2n-6c (LIN)	7.32±0.52	4.00±0.69	p≤ 0.001
20:0	0.17±0.01	0.08±0.01	p≤ 0.001
18:3n-6	0.10±0.01	0.04±0.01	p≤ 0.001
20:1n-9	3.96±0.30	1.90±0.34	p≤ 0.001
18:3n-3 (ALA)	2.62±0.18	1.40±0.24	p≤ 0.001
21:0	0.02±0.00	0.01±0.00	p≤ 0.001
18:4n-3	1.04±0.07	0.53±0.10	p≤ 0.001
20:2n-6	0.88±0.06	0.41±0.07	p≤ 0.001
22:0	0.12±0.01	0.05±0.01	p≤ 0.001
20:3n-6	0.21±0.02	0.12±0.01	p≤ 0.001
22:1n-9	0.44±0.03	0.21±0.04	p≤ 0.001
20:3n-3	0.33±0.02	0.15±0.03	p≤ 0.001
20:4n-6	0.55±0.02	0.38±0.02	p≤ 0.001
23:0	0.08±0.00	0.06±0.04	P= 0.003
20:4n-3	1.07±0.07	0.57±0.08	p≤ 0.001
22:2n-6	0.18±0.01	0.08±0.01	p≤ 0.001
24:0	0.03±0.00	0.01±0.00	p≤ 0.001
20:5n-3 (EPA)	5.80±0.28	3.93±0.36	p≤ 0.001
24:1n-9	0.56±0.03	0.32±0.04	p≤ 0.001
22:3n-3	0.04±0.00	0.02±0.00	P= 0.003
22:4n-6	0.09±0.01	0.05±0.01	p≤ 0.001
22:5n-3	2.18±0.13	1.22±0.15	p≤ 0.001
22:6n-3 (DHA)	13.39±0.51	9.51±0.62	p≤ 0.001

Values are mean±S.E.