

Corrigendum

Long-term effect of parental selenium supplementation on the one-carbon metabolism in rainbow trout (*Oncorhynchus mykiss*) fry exposed to hypoxic stress – CORRIGENDUM

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The authors apologise for an error in the published paper, where by Tables 7 and 8 are identical. Table 7 in the published paper is correct.

The correct version of Table 8 is as follows:

Table 8. Essential and non-essential amino acids [$\mu\text{g/g}$ sample] in muscle of fry originating from parents subjected to different Se treatments (Bnc, Bss, Bso) and then fed diets containing different levels and sources of Se (Fnc, Fss, Fso) measured in fish subjected to hypoxic stress.

	Parental effect (PE)			Direct feeding effect (FE)			p-values		
	Bnc	Bss	Bso	Fnc	Fss	Fso	PE	FE	PE×FE
Arg	17 ± 1	18 ± 1	20 ± 1	19 ± 1	18 ± 1	18 ± 1	0.22	0.61	0.47
His	552 ± 12	544 ± 21	560 ± 14	578 ± 16	544 ± 23	534 ± 11	0.81	0.21	0.45
Iso	12 ± 1	13 ± 1	12 ± 1	14 ± 1	12 ± 0	12 ± 1	0.71	0.06	0.54
Leu	31 ± 2	34 ± 2	31 ± 2	36 ± 1 ^a	31 ± 1 ^{ab}	29 ± 2 ^b	0.34	0.02	0.19
Lys	13 ± 3	12 ± 3	14 ± 3	12 ± 4	11 ± 2	16 ± 3	0.79	0.46	0.14
Met	13 ± 1	12 ± 1	12 ± 1	13 ± 1	12 ± 1	12 ± 0	0.36	0.15	0.49
Phe	12 ± 1	11 ± 0	11 ± 1	12 ± 1	11 ± 0	11 ± 0	0.64	0.24	0.52
Thr	71 ± 4	66 ± 4	71 ± 4	79 ± 4 ^a	62 ± 3 ^b	67 ± 3 ^b	0.43	<0.01	0.74
Val	19 ± 1	20 ± 1	19 ± 1	22 ± 1 ^a	18 ± 1 ^b	19 ± 1 ^{ab}	0.66	0.02	0.42
Ala	262 ± 4	250 ± 8	261 ± 9	264 ± 7	252 ± 7	258 ± 8	0.46	0.54	0.47
Asn	17 ± 8	38 ± 12	27 ± 7	36 ± 9	33 ± 11	14 ± 6	0.25	0.18	0.48
Asp	43 ± 4 ^b	60 ± 6 ^a	45 ± 3 ^b	57 ± 5 ^a	50 ± 4 ^{ab}	40 ± 4 ^b	0.01	0.01	0.31
bAla	71 ± 4 ^a	52 ± 3 ^b	60 ± 6 ^{ab}	58 ± 5	60 ± 5	65 ± 5	0.03	0.52	0.70
Cit	6 ± 1	6 ± 0	8 ± 1	7 ± 1	6 ± 1	6 ± 1	0.05	0.97	0.86
Gln	70 ± 7	80 ± 9	77 ± 3	84 ± 6	78 ± 6	65 ± 6	0.42	0.08	0.16
Glu	121 ± 4	120 ± 9	109 ± 4	117 ± 7	112 ± 5	120 ± 6	0.35	0.68	0.88
Gly	404 ± 21	383 ± 16	442 ± 19	413 ± 17	400 ± 26	417 ± 16	0.08	0.77	0.13
Hyp	55 ± 3	51 ± 4	52 ± 2	55 ± 3	53 ± 3	50 ± 3	0.64	0.59	0.22
Orn	4 ± 0	3 ± 0	4 ± 0	4 ± 0 ^a	4 ± 0 ^{ab}	3 ± 0 ^b	0.30	0.05	0.02
Pro	154 ± 25	139 ± 14	131 ± 16	181 ± 17 ^a	137 ± 14 ^b	106 ± 17 ^b	0.43	<0.01	<0.01
Ser	126 ± 10	138 ± 10	117 ± 7	138 ± 11	124 ± 8	119 ± 9	0.28	0.34	0.43
Tau	1519 ± 69	1369 ± 88	1518 ± 38	1490 ± 56	1402 ± 81	1514 ± 60	0.17	0.42	0.27
Tyr	11 ± 1	11 ± 0	11 ± 1	12 ± 1	11 ± 0	11 ± 1	0.39	0.06	0.39
AABA	3 ± 0	3 ± 0	3 ± 0	4 ± 0	3 ± 0	3 ± 0	0.82	0.07	0.77
NH4Cl	104 ± 2	102 ± 5	101 ± 2	106 ± 2	100 ± 4	101 ± 3	0.84	0.42	0.33
BAA	7 ± 0 ^{ab}	6 ± 0 ^b	7 ± 0 ^a	6 ± 0	6 ± 0	7 ± 0	0.02	0.52	0.65
Ans	1126 ± 26	1072 ± 57	1228 ± 30	1151 ± 38	1086 ± 54	1190 ± 31	0.40	0.47	0.83
Car	75 ± 11	60 ± 8	66 ± 9	74 ± 10	73 ± 6	54 ± 10	0.41	0.15	0.07
Cysta	9 ± 2	7 ± 1	9 ± 2	10 ± 2	8 ± 1	6 ± 2	0.57	0.31	0.28
1MHis	17 ± 2	16 ± 2	13 ± 2	13 ± 2	14 ± 2	19 ± 3	0.40	0.15	0.36



Table 8. (Continued)

	Parental effect (PE)			Direct feeding effect (FE)			p-values		
	Bnc	Bss	Bso	Fnc	Fss	Fso	PE	FE	PExFE
PEA	15 ± 1	14 ± 1	15 ± 0	15 ± 1	14 ± 1	15 ± 0	0.13	0.12	0.63
Sar	9 ± 1 ^{ab}	12 ± 1 ^a	8 ± 1 ^b	10 ± 1	8 ± 1	11 ± 1	<0.01	0.12	0.38
Urea	1140 ± 66	1196 ± 115	920 ± 92	1038 ± 139	1154 ± 61	1064 ± 74	0.11	0.65	0.40

Values are means ± SEM (n=9). Within columns and groups values not sharing a common superscript letter are significantly different according to two-way ANOVA followed by TukeyHSD.

Essential amino acids (EAA); Non-essential amino acids (NEAA); Arginine (Arg); Histidine (His); Isoleucine (Iso); Leucine (Leu); Lysine (Lys); Phenylalanine (Phe); Threonine (Thr); Valine (Val); Alanine (Ala); Aspartic acid (Asp); bAla (b-Alanine); Cit (Citrulline); Glutamine (Gln); Glutamic acid (Glu); Glycine (Gly); Hydroxy-L-Proline (Hyp); Ornithine (Orn); Proline (Pro); Serine (Ser); Taurin (Tau); Tyrosine (Tyr); L-alfa-amino-n-butyric acid (AABA); DL-beta-aminoisobutyric acid (BAA); Anserine (Ans); Carnosine (Car); Cystathionine (Cysta); 1-Methyl-L-Histidine (1MHis); O-Phosphoethanolamine (PEA); Sarcosine (Sar)