Supplementary Materials

The Fermentation of a Marine Probiotic Bacterium on Low-Cost Media Formulated with Industrial Fish Gelatin Waterstreams and Collagen Hydrolysates

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Table S1. Amino acids (AA) content of GE (% or g/100 g total amino acids). OHPro: hydroxyproline. TEAA/TAA is the ratio total essential amino acids/total amino acids. Showed error are the confidence intervals for n=2 and α=0.05.

AA	GE_BS	GE_YT	GE_Tu	GE_Sa
Asp	8.69±2.64	8.23±2.58	8.19±1.39	8.22±1.89
Thr	3.77±1.52	3.69±1.64	3.22±1.34	3.68±1.59
Ser	3.85±1.53	4.46±1.67	3.69±1.92	5.11±0.68
Glu	13.05±1.78	11.36±2.56	11.40±1.45	11.61±2.21
Gly	12.06±8.77	13.35±9.86	10.26±9.31	16.29±9.50
Ala	7.35±2.00	7.58±2.04	6.78±2.05	7.93±2.21
Cys	1.98±2.02	1.45±1.66	1.07±0.56	0.64±0.02
Val	4.13±1.37	4.04±1.93	4.02±1.49	3.33±2.05
Met	1.92±0.23	2.71±0.57	2.33±0.70	3.10±0.52
Ile	4.05±1.12	2.79±1.88	3.13±1.59	2.49±1.73
Leu	5.74±2.73	5.34±2.96	5.94±2.48	4.60±3.22
Tyr	4.84±3.18	3.53±2.00	2.79±0.67	2.53±1.70
Phe	4.27±1.57	4.12±1.20	3.70±0.55	3.42±1.22
His	2.27±0.66	2.53±2.40	8.04±7.81	2.03±0.65
Lys	6.84±2.25	6.50±2.99	12.04±8.05	5.65±3.41
Arg	5.74±2.27	6.79±1.44	5.52±2.24	7.60±1.85
OHPro	2.36±3.20	4.16±3.85	2.36±4.63	4.33±3.96
Pro	7.10±3.49	7.20±3.59	5.52±3.88	7.30±3.95
TEAA/TAA (%)	28.95±7.00	24.99±9.35	26.13±7.45	22.71±9.24

Table S2. Amino acids (AA) content of CH (% or g/100 g total amino acids). OHPro: hydroxyproline. TEAA/TAA is the ratio total essential amino acids/total amino acids. Showed error are the confidence intervals for n=2 and α=0.05.

AA	CH_BS	CH_YT	CH_Tu	CH_Sa
Asp	8.33±0.04	8.13±0.02	9.08±0.25	9.00±0.18
Thr	4.21±0.09	3.92±0.12	4.38±0.19	4.58±0.07
Ser	5.12±0.12	4.74±0.18	5.52±1.92	5.02±0.10
Glu	13.52±0.12	14.20±0.27	12.71±0.68	12.33±0.36
Gly	12.03±0.25	12.74±0.30	11.11±0.05	11.04±0.28
Ala	7.83±0.18	8.59±0.24	7.64±0.01	6.98±0.17
Cys	0.25±0.06	0.58±0.10	0.49±0.12	0.71±0.05
Val	3.30±0.12	3.48±0.17	3.39±0.06	3.89±0.05
Met	2.90±0.12	2.56±0.19	3.02±0.14	3.36±0.04
Ile	2.94±0.21	2.70±0.29	2.58±0.16	3.26±0.06
Leu	6.06±0.31	5.42±0.40	6.03±0.05	6.24±0.16
Tyr	2.70±0.11	1.76±0.10	3.52±0.10	3.34±0.04
Phe	4.32±0.23	2.89±0.07	2.74±0.27	4.06±0.09
His	2.07±0.09	1.90±0.16	3.44±0.10	2.48±0.06
Lys	6.36±0.27	6.77±0.24	6.34±0.19	6.20±0.14
Arg	6.91±0.42	7.25±0.32	7.25±0.02	7.26±0.34
OHPro	4.05±0.25	4.44±0.26	3.69±0.06	3.83±0.10
Pro	7.10±0.11	7.94±0.30	7.09±0.13	6.42±0.02
TEAA/TAA (%)	39.07±0.30	36.87±0.49	39.15±0.41	41.33±0.30