

Table S1

The full name and abbreviations of anti-aging peptides and amino acids.

Abbreviations	Full name	Abbreviations	Full name
AJPH	Apostichopus japonicus protein hydrolyzates	LP-1	Locust peptide-1
APPH	Alcalase treatment-derived potato protein hydrolysate	MCP	Marine collagen peptides
AsiPeps	Angelica sinensis peptides	MP	Mussel peptides
AYLH	Ala-Tyr-Leu-His	PCP	Porcine collagen peptide
BSPs	Black soybean peptides	PHP	Peptides of a potato hydrolysate
BWW	Buffalo milk waste whey	PPC	Polysaccharide-peptide complex
CP	Collagen peptides	PYP	Phycoerythrin-derived tryptic peptide of Pyropia yezoensis
CPNS	Collagen peptide NS	RP-1	Rapeseed peptides 1
CSP	Selenium-enriched peptides from Cardamine violifolia	SP-NN	Silk peptide-NN
CSPs	Chia seed peptides	SP-PN	Silk peptide-PN
CSSPs	Crimson snapper scale peptides	SVPF	Stichopus variegates peptide fraction
EP	Elastin peptides	SWPI	Swim bladder peptides I
ERJ-CP	Enzyme-treated royal jelly-collagen peptide	SWPII	Swim bladder peptides II
FHS	Fish hydrolysate supplementation	WHP	Whey peptide
KF-8	RBAPs, Rice-derived bran bioactive peptides	WPK	Trp-Pro-Lys
LjSEC-EP	Extracted peptides from Somatic Embryo enriched Cell cultures of Lotus japonicus		
A	Alanine	Hyp	Hydroxyproline
C	Cysteine	N	Asparagine
D	Aspartic acid	P	Proline
DOPA	Alpha-Methyl dopa	Q	Glutamine
E	Glutamic acid	R	Arginine
F	Phenylalanine	S	Serine
G	Glycine	T	Threonine
H	Histidine	V	Valine