

Supplementary Materials

Table S1. Primers for qPCR amplification in seabream gut.

Gene	Symbol	Annealing T °C	Primer sequence
Mucin 2	<i>muc2</i>	60	F: ACGCTTCAGCAATCGCACCAT R: CCACAACCACACTCCTCCACAT
Mucin 13	<i>muc13</i>	60	F: TTCAAACCCGTGTGGTCCAG R: GCACAAGCAGACATAGTTCGGATAT
Interleukin-1 beta	<i>il1β</i>	60	F: TCTTCAAATTCCTGCCACCA R: CAATGCCACCTTGTGGTGAT
Interleukin-34	<i>il34</i>	60	F: CATCAGGGTTCATCACAACG R: GACTCCCTCTGCATCCTTGA
Toll like receptor 1	<i>tlr1</i>	60	F: GGGACCTGCCAGTGTGTAAC R: GCGTGGATAGAGTTGGACTTGAG
CD8 alpha	<i>cd8α</i>	60	F: CTCGACTGGTCGGAGTTAA R: TCCATCAGCGGCTGCTCGT
Immunoglobulin M	<i>igm</i>	59	F: CAGCCTCGAGAAGTGGAAC R: GAGGTTGACCAGGTTGGTGT
Hepcidin	<i>hepc</i>	60	F: GCCATCGTGCTCACCTTTAT R: CCTGCTGCCATACCCCATCTT
Heat-shock protein 70	<i>hsp70</i>	55	F: ACGGCATCTTTGAGGTGAAG R: TGGCTGATGTCCTTCTGTG
Glutathione peroxidase	<i>gpx</i>	60	F: GAAGGTGGATGTGAATGGAAAAGATG R: CTGACGGGACTCCAAATGATGG
Manganese superoxide dismutase	<i>Sod(mn)</i>	60	F: CCTGACCTGACCTACGACTATGG R: AGTGCCTCCTGATATTTCTCCTCTG
Elongation factor 1 α	<i>ef1α</i>	58	F: CTGTCAAGGAAATCCGTCGT R: TGACCTGAGCGTTGAAGTTG
Ribosomal protein 18S	<i>rps18</i>	60	F: AGGGTGTGGCAGACGTTAC R: CTTCTGCCTGTTGAGGAACC

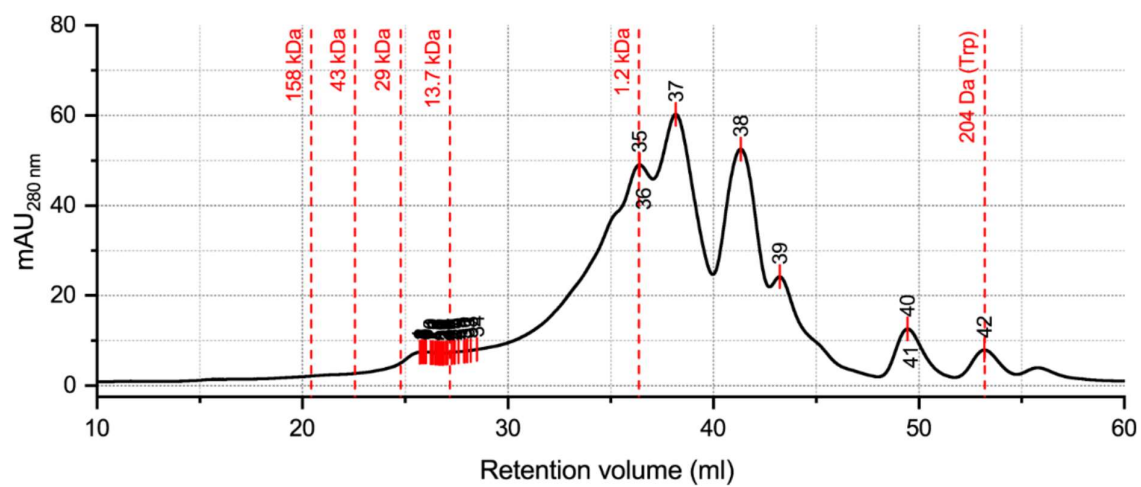


Figure S1. Protein/peptide profile of *C. vulgaris* peptide-enriched extract. Main molecular weight ranges, area of the main peak and the localization of all identified peaks as previously reported in Cunha, et al. [41].