

[Back to article](#)**Table S1.** Characteristic peptides for raw carp samples

Protein origin	Peptide	m/z
Actinin alpha 3a; Actinin alpha 3b; Alpha-actinin-3	R.FAIQDISVEETSAK.E	769.39
A kinase (PRKA) anchor protein 12b	K.EESQAESKAEPK.V	666.82
Alpha-tropomyosin; Tropomyosin alpha-1 chain-like; Tropomyosin alpha-1 chain-like	K.DAQEKLELAEK.K	637.33
ATPase sarcoplasmic/endoplasmic reticulum Ca ²⁺ transporting	K.FTLEFSR.D	450.23
ATP citrate lyase b	K.LSTIEFK.S	419.24
Phosphorylase, glycogen, muscle A	R.HLEIIEYNRR.H	485.94
EF-hand calcium binding domain 7	R.DIFDFAALK.E	520.27
	K.AIGGIILTASHNPGGPSGDFGIK.F	727.05
Glycogen debranching enzyme-like	R.VLDWINPTGR.E	585.81
Malate dehydrogenase 2, NAD (mitochondrial)	R.FTFSLDAMNGK.E	672.33
Myosin heavy chain, fast skeletal muscle-like; Myosin, heavy chain b	K.SRVTFQLSAER.S	647.34
SH3 domain binding glutamate-rich protein	K.QQDVVGFLAEK.I	673.87
Uncharacterized protein	K.TLITDTVFK.I	519.30
Uncharacterized protein	-.MLMSHLEEPK.L	623.79
Uncharacterized protein	R.LNVSSTVTSTVLK.I	674.89
Uncharacterized protein	R.YFLTLENVTGSK.T	686.36
Uncharacterized protein	R.YSVTGLETGAEYK.F	709.34

[Back to article](#)

Table S2. Characteristic peptides for cooked carp samples

Protein origin	Peptide	m/z
Adenosine monophosphate deaminase 1 (isoform M)	K.LAGWFNK.H	418.23
Adenylate kinase isoenzyme 1	K.IGAPALLLYIDAKAETMVQR.L	725.07
Calsequestrin 1a	K.SQKSEHYQEYEDAAEEFHPIK.F	676.31
Glucose-6-phosphate isomerase b	K.ILVANFLAQTEALMK.G	831.46
	K.SITDVNVVGIGGSDLGPLMVTEALKPYSK.G	987.52
Glyceraldehyde-3-phosphate dehydrogenase	K.VIHDNFVIIIEGLMSTVHAITATQK.T	660.10
	R.VCDLMAHMASKE.-	667.80
	R.VIISAPSADAPMFVMGVNHEKYDNSLK.V	734.12
	R.VIISAPSADAPMFVMGVNHEK.Y	738.37
	K.WGDAGANYVVESTGVFTTIEK.A	748.70
	R.SSIFDAGAGIALNDHFVK.L	931.47
	K.AAADGPMKIGILGYTEDQVVSTDFNGDVR.S	976.13
Collagen, type I, alpha 2	R.GNPGPAGALGAQGPIGNR.G	802.42
	R.GPIGNIGMPGMTGPQGEAGR.E	956.95
	R.GPLGNIGMPGMTGPQGEAGR.E	956.95
Creatine kinase, mitochondrial 2a (sarcomeric)	K.TVGMVAGDEESYEVFAEIFDPVIKDR.H	972.80
Creatine kinase, muscle b	K.DIYNKLR.S	461.26
	K.GFTLPTTNSRGER.R	479.25
	K.VLTKDIYNK.L	547.32
Enolase 3, (beta, muscle)	K.FTGSVDIQVVGDDLTVTNPK.R	1053.04
Myomesin 1a (skelemin)	K.SDDVLIFDIGK.I	611.32
Myomesin 1b	K.ATNQSSLVLIGDVFK.Q	796.43
Myomesin 2a	R.FVVHGLVPGDITYVFR.V	569.30
Myosin binding protein Hb	K.VNLVVPFSGKPQPVVSWTK.D	694.73
Myosin heavy chain, fast skeletal muscle-like	R.TLEDQLSEIKTK.S	702.88
	R.ARLQTENGEFSR.Q	704.35
Nebulin	R.SDAVYKADLEWIR.G	522.60
	R.DIASDYKYK.L	551.77
Parvalbumin-2-like	K.SGFIEEDELKFLQNFAAGAR.A	785.73
Parvalbumin-7-like;	K.FFDVVGLK.A	462.76
Parvalbumin 7	K.IGIDEFEALVHE.-	686.34
Parvalbumin beta-like; Parvalbumin	K.AFAIIDQDK.S	510.77
	K.IGVDEFTALVK.A	596.33
	K.AFAIIDQDKSGFIEEDELK.L	723.36
	K.AFAIIDQDNSGFIEEELKFLQNFK.A	765.39
Pyruvate kinase M1/2b	K.TTGSAFIQTQQMHAAMAETLLEHLCLLDIDSEPTVSR.N	1015.24
Rhotekin 2a	R.NIATRSTVSSCSLAMEIK.R	500.26
Triosephosphate isomerase 1b	K.FFVGGNWK.L	477.74
Troponin C type 2 (fast)	K.AAFDMFDTDGGGDISTKELGTVMR.M	845.38
Uncharacterized protein	K.AGTKIELPADITGKPEPK.V	467.01

[Back to article](#)

Table S3. Characteristic peptides for raw salmon samples

Protein origin	Peptide	m/z
Alpha-1,4 glucan phosphorylase	R.HLEIIEINRR.F	485.94
ATP-dependent 6-phosphofructokinase	R.TFILEVMGR.H	533.29
Glycerol-3-phosphate dehydrogenase	K.NIVAVGAGFCDGLGFGDNTK.A	977.97
Malate dehydrogenase	R.FTFSVLDAMNGK.E	665.33
Myosin-7-like	M.EGDLNEMEIQLSHSNR.Q	624.62
	-.MEGDLNEMEIQLSHSNR.Q	673.63
Myosin-binding protein C, fast-type-like	K.LLDDYHVVVGER.V	472.25
Titin-like	R.FSLTIFR.A	442.25
	R.VLDSPSPMPANFAIK.E	745.38
TSC22 domain family protein 3	-.MSTEIFK.T	428.22

[Back to article](#)

Table S4. Characteristic peptides for cooked salmon samples

Protein origin	Peptide	m/z
Annexin	R.SLLLALVQAK.R	528.34
Collagen alpha-3(VI) chain-like isoform X1; Collagen alpha-3(VI) chain-like isoform X2; Collagen alpha-3(VI) chain-like; Collagen alpha-3(VI) chain-like	R.SQEGVPQMLILLSGGR.S	562.30
Protein S100	K.DLLNAELGEIMGK.N	701.86
Troponin C, skeletal muscle	K.NADGMLDFDEFK.M	757.84
Voltage-dependent anion-selective channel protein 3; Voltage-dependent anion-selective channel protein 3	K.LTSLALIDGK.N	515.81