

Accession
A0A1S3Q217
A0A1S3M5Q9
A0A1S3R8F9
A0A1S3S6G4
B5DGR5
B5X805
B5DGQ7
B9ELC5
B5X851
B5DGM7
A0A1S2X522
B5XBH3
A0A1S3QL72
A0A1S3MJL1
A0A1S3Q7E3
A0A1S3Q4A0
A0A1S3N6L4
B5X320
A0A1S3LJL5
A0A1S3LBJ3
B5DGP0
B5DGT2
A0A1S3RYP1
B9EP65
B5X5M2
A0A1S3KK24
B5DH12
B5XD27
B5DGT1
Q7ZZN0
B5DGW8
A0A1S2X3Z6
Q70SU8
B5X626
B5DGG5
A0A1S3SYN5
B5XH68
B5X8V1
B5XDA4
A0A1S3PF55
A0A1S3RQQ6
A0A1S3RZ30
A0A1S3MJX7
B5X9J0
B5X4I3
A0A1S3R7W5
A0A1S3L929
A0A1S3NJA7
A0A1S3PQ93
A0A1S3RJC9
B5DFX8
B5DG55
A0A1S3NBH3

Description
collagen alpha-2(I) chain isoform X3 OS=Salmo salar OX=8030 GN=col1a2 PE=4 SV=1 - [A0A1S3Q217_SALSA]
collagen alpha-2(I) chain isoform X3 OS=Salmo salar OX=8030 GN=LOC106570460 PE=4 SV=1 - [A0A1S3M5Q9_SALSA]
collagen alpha-1(I) chain-like OS=Salmo salar OX=8030 GN=LOC106600852 PE=4 SV=1 - [A0A1S3R8F9_SALSA]
collagen alpha-1(I) chain OS=Salmo salar OX=8030 GN=LOC100286406 PE=4 SV=1 - [A0A1S3S6G4_SALSA]
Glyceraldehyde-3-phosphate dehydrogenase OS=Salmo salar OX=8030 GN=LOC106575942 PE=2 SV=1 - [B5DGR5_SALSA]
Galectin OS=Salmo salar OX=8030 GN=LEG PE=2 SV=1 - [B5X805_SALSA]
Beta-enolase OS=Salmo salar OX=8030 GN=ENO3 PE=1 SV=1 - [ENOB_SALSA]
Galectin OS=Salmo salar OX=8030 GN=LEG PE=2 SV=1 - [B9ELC5_SALSA]
Histone H2A OS=Salmo salar OX=8030 GN=H2A PE=2 SV=1 - [B5X851_SALSA]
Fructose-bisphosphate aldolase A OS=Salmo salar OX=8030 PE=1 SV=1 - [ALDOA_SALSA]
phosphopyruvate hydratase OS=Salmo salar OX=8030 GN=LOC100196671 PE=3 SV=1 - [A0A1S2X522_SALSA]
Apolipoprotein A-I OS=Salmo salar OX=8030 GN=APOA1 PE=2 SV=1 - [B5XBH3_SALSA]
epiphycan-like OS=Salmo salar OX=8030 GN=LOC106593928 PE=3 SV=1 - [A0A1S3QL72_SALSA]
actin, alpha cardiac muscle 1-like OS=Salmo salar OX=8030 GN=LOC106573099 PE=3 SV=1 - [A0A1S3MJL1_SALSA]
collagen alpha-1(I) chain-like OS=Salmo salar OX=8030 GN=LOC106589632 PE=4 SV=1 - [A0A1S3Q7E3_SALSA]
actin, aortic smooth muscle OS=Salmo salar OX=8030 GN=LOC106589387 PE=3 SV=1 - [A0A1S3Q4A0_SALSA]
apolipoprotein C-I-like OS=Salmo salar OX=8030 GN=LOC106577511 PE=3 SV=1 - [A0A1S3N6L4_SALSA]
Keratin, type II cytoskeletal 8 OS=Salmo salar OX=8030 GN=K2C8 PE=2 SV=1 - [B5X320_SALSA]
keratin, type II cytoskeletal 8-like OS=Salmo salar OX=8030 GN=LOC106566973 PE=3 SV=1 - [A0A1S3LJL5_SALSA]
uncharacterized protein LOC106565579 OS=Salmo salar OX=8030 GN=LOC106565579 PE=4 SV=1 - [A0A1S3LBJ3_SALSA]
creatine kinase OS=Salmo salar OX=8030 GN=ckm2 PE=2 SV=1 - [B5DGP0_SALSA]
Myosin light chain 3, skeletal muscle isoform OS=Salmo salar OX=8030 GN=LOC106575818 PE=2 SV=1 - [B5DGT2_SALSA]
uncharacterized protein LOC106605687 OS=Salmo salar OX=8030 GN=LOC106605687 PE=4 SV=1 - [A0A1S3RYP1_SALSA]
Cold-inducible RNA-binding protein OS=Salmo salar OX=8030 GN=CIRBP PE=2 SV=1 - [B9EP65_SALSA]
Fatty acid-binding protein, heart OS=Salmo salar OX=8030 GN=FABPH PE=2 SV=1 - [B5X5M2_SALSA]
histidine-rich glycoprotein-like OS=Salmo salar OX=8030 GN=LOC106560589 PE=4 SV=1 - [A0A1S3KK24_SALSA]
Myosin light chain 1-1 OS=Salmo salar OX=8030 GN=LOC100194662 PE=2 SV=1 - [B5DH12_SALSA]
Cold-inducible RNA-binding protein OS=Salmo salar OX=8030 GN=CIRBP PE=2 SV=1 - [B5XD27_SALSA]
Myosin, light polypeptide 3-1 OS=Salmo salar OX=8030 GN=LOC100194642 PE=2 SV=1 - [B5DGT1_SALSA]
Myosin regulatory light chain 2 OS=Salmo salar OX=8030 GN=mlc-2 PE=2 SV=1 - [Q7ZZN0_SALSA]
60S acidic ribosomal protein P2 OS=Salmo salar OX=8030 GN=RLA2 PE=2 SV=1 - [B5DGW8_SALSA]
Fructose-bisphosphate aldolase OS=Salmo salar OX=8030 GN=LOC100194623 PE=3 SV=1 - [A0A1S2X3Z6_SALSA]
Cystein proteinase inhibitor protein salarin OS=Salmo salar OX=8030 GN=salarin PE=1 SV=1 - [SALRN_SALSA]
ATP synthase-coupling factor 6, mitochondrial OS=Salmo salar OX=8030 GN=ATP5J PE=2 SV=1 - [B5X626_SALSA]
creatine kinase OS=Salmo salar OX=8030 GN=ckm3 PE=2 SV=1 - [B5DGG5_SALSA]
Transgelin OS=Salmo salar OX=8030 GN=LOC106612633 PE=3 SV=1 - [A0A1S3SYN5_SALSA]
Triosephosphate isomerase OS=Salmo salar OX=8030 GN=TPIS PE=2 SV=1 - [B5XH68_SALSA]
40S ribosomal protein S21 OS=Salmo salar OX=8030 GN=RS21 PE=2 SV=1 - [B5X8V1_SALSA]
Type-4 ice-structuring protein LS-12 OS=Salmo salar OX=8030 GN=AFP4 PE=2 SV=1 - [B5XDA4_SALSA]
uncharacterized protein LOC106584908 OS=Salmo salar OX=8030 GN=LOC106584908 PE=3 SV=1 - [A0A1S3PF55_SALSA]
LOW QUALITY PROTEIN: neuroblast differentiation-associated protein AHNAK-like OS=Salmo salar OX=8030 GN=LOC106604153
protein 4.1-like isoform X4 OS=Salmo salar OX=8030 GN=LOC106605976 PE=4 SV=1 - [A0A1S3RZ30_SALSA]
L-lactate dehydrogenase OS=Salmo salar OX=8030 GN=LOC106573043 PE=3 SV=1 - [A0A1S3MJX7_SALSA]
Fatty acid-binding protein, heart OS=Salmo salar OX=8030 GN=FABPH PE=2 SV=1 - [B5X9J0_SALSA]
SH3 domain-binding glutamic acid-rich-like protein 3 OS=Salmo salar OX=8030 GN=SH3L3 PE=2 SV=1 - [B5X4I3_SALSA]
hemoglobin subunit alpha-like OS=Salmo salar OX=8030 GN=LOC106601078 PE=3 SV=1 - [A0A1S3R7W5_SALSA]
keratin, type I cytoskeletal 13-like OS=Salmo salar OX=8030 GN=LOC106564958 PE=3 SV=1 - [A0A1S3L929_SALSA]
uncharacterized protein LOC106579826 OS=Salmo salar OX=8030 GN=LOC106579826 PE=3 SV=1 - [A0A1S3NJA7_SALSA]
otospiralin-like OS=Salmo salar OX=8030 GN=LOC106586770 PE=4 SV=1 - [A0A1S3PQ93_SALSA]
cofilin-2-like isoform X2 OS=Salmo salar OX=8030 GN=LOC106603165 PE=3 SV=1 - [A0A1S3RJC9_SALSA]
Phosphoglycerate kinase OS=Salmo salar OX=8030 GN=pgk1 PE=2 SV=1 - [B5DFX8_SALSA]
Alpha-1,4 glucan phosphorylase OS=Salmo salar OX=8030 GN=pygma PE=2 SV=1 - [B5DG55_SALSA]
collagen alpha-1(XI) chain isoform X7 OS=Salmo salar OX=8030 GN=col11a1 PE=4 SV=1 - [A0A1S3NBH3_SALSA]

Beta-globin (Fragment) OS=Salmo salar OX=8030 PE=4 SV=1 - [Q91467_SALSA]
Thymosin beta OS=Salmo salar OX=8030 GN=TYB12 PE=2 SV=2 - [B5X6X6_SALSA]
Cold-inducible RNA-binding protein OS=Salmo salar OX=8030 GN=CIRBP PE=2 SV=1 - [B5XF66_SALSA]
Fatty acid-binding protein OS=Salmo salar OX=8030 GN=FABP7 PE=2 SV=1 - [B5X7L3_SALSA]
Muscle fatty acid binding protein OS=Salmo salar OX=8030 GN=fabp3 PE=2 SV=1 - [Q6R758_SALSA]
myosin light polypeptide 6B isoform X1 OS=Salmo salar OX=8030 GN=myl6b PE=4 SV=1 - [A0A1S3MH62_SALSA]
Eukaryotic translation initiation factor 4H OS=Salmo salar OX=8030 GN=if4h PE=4 SV=1 - [A0A1S3SXA6_SALSA]
alpha-2-HS-glycoprotein-like OS=Salmo salar OX=8030 GN=LOC106598792 PE=4 SV=1 - [A0A1S3R078_SALSA]
Pyruvate kinase OS=Salmo salar OX=8030 GN=pk PE=2 SV=1 - [B5DGU1_SALSA]
Gelsolin (Fragment) OS=Salmo salar OX=8030 GN=GELS PE=2 SV=1 - [COPU67_SALSA]
Neurofilament medium polypeptide OS=Salmo salar OX=8030 GN=NFM PE=2 SV=1 - [COH9F5_SALSA]
Alpha-1,4 glucan phosphorylase OS=Salmo salar OX=8030 GN=LOC106563660 PE=3 SV=1 - [A0A1S3L2W8_SALSA]
collagen alpha-1(XI) chain-like OS=Salmo salar OX=8030 GN=LOC106569492 PE=4 SV=1 - [A0A1S3LZY7_SALSA]
collagen alpha-2(V) chain-like OS=Salmo salar OX=8030 GN=LOC106581929 PE=4 SV=1 - [A0A1S3NWWY8_SALSA]
Thymosin beta OS=Salmo salar OX=8030 GN=TYB11 PE=2 SV=1 - [B5XB79_SALSA]
Parvalbumin beta 1 (Fragment) OS=Salmo salar OX=8030 GN=Pval-b PE=4 SV=1 - [A0A0A0P2E1_SALSA]
Neuropeptide Y OS=Salmo salar OX=8030 GN=NPY PE=2 SV=1 - [B9X0J6_SALSA]
ATP synthase-coupling factor 6, mitochondrial OS=Salmo salar OX=8030 GN=ATP5J PE=2 SV=1 - [B5X597_SALSA]
Phosphoglycerate mutase OS=Salmo salar OX=8030 GN=LOC100194644 PE=2 SV=1 - [B5DGT9_SALSA]
Fatty acid-binding protein, heart OS=Salmo salar OX=8030 GN=FABPH PE=2 SV=1 - [B5X633_SALSA]
Eukaryotic translation initiation factor 5A OS=Salmo salar OX=8030 GN=LOC101448018 PE=2 SV=1 - [B5DQG3_SALSA]
Ribosomal protein L23a (Fragment) OS=Salmo salar OX=8030 GN=rpl23a PE=2 SV=1 - [B5RI65_SALSA]
Heat shock protein 10 OS=Salmo salar OX=8030 GN=hsp10 PE=2 SV=1 - [B5DGB3_SALSA]
Hemoglobin subunit beta OS=Salmo salar OX=8030 GN=HBB PE=2 SV=1 - [B5XBX3_SALSA]
Fatty acid-binding protein, intestinal OS=Salmo salar OX=8030 GN=FABPI PE=2 SV=1 - [B5XC78_SALSA]
Apolipoprotein A-I-1 OS=Salmo salar OX=8030 GN=APA11 PE=2 SV=1 - [B5XFF2_SALSA]
keratin, type I cytoskeletal 18-like OS=Salmo salar OX=8030 GN=LOC106565229 PE=3 SV=1 - [A0A1S3L9E0_SALSA]
ATP synthase subunit alpha OS=Salmo salar OX=8030 GN=atp5a1 PE=2 SV=1 - [B5DG78_SALSA]
polyubiquitin-C OS=Salmo salar OX=8030 GN=ubc PE=4 SV=1 - [A0A1S3RLS5_SALSA]
Acyl-CoA-binding protein OS=Salmo salar OX=8030 GN=ACBP PE=2 SV=1 - [B5XBV2_SALSA]
Homeodomain-only protein OS=Salmo salar OX=8030 GN=LOC106611632 PE=4 SV=1 - [A0A1S3ST53_SALSA]
Type-4 ice-structuring protein OS=Salmo salar OX=8030 GN=AFP4 PE=2 SV=1 - [B5X6Y1_SALSA]
protein phosphatase 1H-like OS=Salmo salar OX=8030 GN=LOC106575999 PE=4 SV=1 - [A0A1S3MYX0_SALSA]
zinc finger BED domain-containing protein 1 OS=Salmo salar OX=8030 GN=zbed1 PE=4 SV=1 - [A0A1S3MQM7_SALSA]
SET translocation (Myeloid leukemia-associated) B OS=Salmo salar OX=8030 GN=setb PE=2 SV=1 - [B5DFV7_SALSA]
sodium/myo-inositol cotransporter-like OS=Salmo salar OX=8030 GN=LOC106582107 PE=3 SV=1 - [A0A1S3NY74_SALSA]
snaclec 1-like OS=Salmo salar OX=8030 GN=LOC106578890 PE=4 SV=1 - [A0A1S3NEN6_SALSA]
Adenylate kinase isoenzyme 1 OS=Salmo salar OX=8030 GN=KAD PE=2 SV=1 - [B5DGM5_SALSA]
tropomyosin alpha-4 chain-like isoform X2 OS=Salmo salar OX=8030 GN=LOC106573547 PE=3 SV=1 - [A0A1S3MMW5_SALSA]
Lamina-associated polypeptide 2 isoform beta OS=Salmo salar OX=8030 GN=LAP2 PE=2 SV=1 - [B5X3U8_SALSA]
Protein AMBP OS=Salmo salar OX=8030 GN=LOC100136563 PE=3 SV=1 - [A0A1S3LTS1_SALSA]
Thymidine phosphorylase OS=Salmo salar OX=8030 GN=TYPH PE=2 SV=1 - [B5X3F7_SALSA]
Tyrosine-protein kinase OS=Salmo salar OX=8030 GN=BTK PE=2 SV=1 - [B5X1K0_SALSA]
autism susceptibility gene 2 protein-like isoform X1 OS=Salmo salar OX=8030 GN=LOC106568202 PE=4 SV=1 - [A0A1S3LS84_SALSA]
Caption:
<i>collagen with antioxidant fragments</i>
<i>other proteins with antioxidant fragments</i>
<i>proteins with no antioxidant fragments</i>

Σ Coverage	Σ # Proteins	Σ # Unique Peptides	Σ # Peptides	Σ # PSMs	Score A2	Coverage A2
22,87	4	39	94	269	354,16	20,85
21,38	3	25	80	248	340,88	19,21
17,60	2	12	64	173	340,45	16,63
17,87	2	15	66	171	332,75	15,73
24,92	11	25	25	62	87,53	24,31
38,06	4	4	12	36	38,81	38,06
28,11	1	3	14	34	37,05	21,89
37,31	3	1	9	32	36,00	28,36
32,03	7	13	13	31	36,80	22,66
6,06	1	5	8	30	37,37	6,06
25,58	1	1	12	29	33,13	18,89
20,61	1	9	10	21	22,30	17,56
17,79	2	10	10	21	21,52	16,83
14,59	8	1	10	20	22,56	14,32
6,46	2	7	7	20	15,83	3,64
14,59	8	2	11	19	25,16	14,32
62,07	1	7	7	18	18,63	60,92
17,88	26	3	10	17	12,29	8,01
14,98	26	3	10	16	12,58	5,43
23,56	1	4	4	15	13,93	16,09
15,49	4	5	7	15	28,11	15,49
26,71	2	5	7	13	11,96	24,22
33,71	2	7	7	11	12,72	23,43
25,95	7	3	4	11	17,72	14,50
44,44	4	6	6	9	7,33	23,70
6,41	1	5	5	9	17,09	6,41
24,87	1	1	4	8	2,80	9,84
35,80	10	1	2	7	9,40	17,28
24,87	1	1	4	7		0,00
22,35	1	2	2	7	9,86	22,35
18,42	4	3	3	7	9,18	18,42
6,06	2	1	4	7	6,22	4,13
3,80	1	3	3	7	9,44	3,80
21,30	2	3	3	6	3,39	16,67
11,32	2	1	3	6	12,24	7,63
11,17	10	3	3	6	12,77	11,17
10,64	4	3	3	6	11,29	10,64
27,16	3	2	2	5	8,03	25,93
14,48	2	2	2	5	5,81	14,48
11,47	1	3	3	5	5,56	4,59
6,15	1	2	2	5	7,19	6,15
6,00	4	1	1	5	2,72	6,00
4,22	2	3	3	5	10,50	4,22
21,62	4	2	2	4	11,37	21,62
17,39	2	2	2	4	8,77	17,39
11,89	9	2	2	4	9,10	11,89
11,55	2	3	3	4	11,98	11,55
10,98	1	4	4	4		0,00
10,89	1	2	2	4	3,65	10,89
10,67	5	2	2	4	4,27	9,33
6,24	2	1	1	4	6,38	6,24
2,73	1	1	1	4	5,70	2,73
0,73	7	2	2	4	3,35	0,73

# Peptides A2	# PSM A2	Score B2	Coverage B2	# Peptides B2	# PSM B2
64	80	392,27	19,36	71	92
59	76	349,38	18,01	62	84
50	59	301,48	14,15	48	55
50	57	307,40	14,56	49	55
18	20	79,84	24,92	16	18
10	12	41,94	30,60	9	12
10	11	37,84	22,35	9	10
8	10	38,99	30,60	8	11
9	10	30,88	23,44	9	9
5	10	38,69	5,79	5	10
9	10	35,08	18,66	8	9
6	7	17,78	16,41	8	8
9	9	7,05	10,10	4	4
6	6	29,93	14,59	7	8
4	5	27,98	4,88	5	8
7	7	26,60	13,26	6	7
4	5	25,09	62,07	6	7
4	4	17,25	15,64	7	7
4	4	14,54	11,80	6	6
2	4	15,37	23,56	3	5
6	7	18,06	12,34	4	4
4	4	12,80	21,12	4	4
5	5	0,00	12,57	1	1
3	4	19,63	22,14	3	4
2	2	15,28	44,44	4	4
5	5	7,54	3,69	2	2
1	1	13,95	24,87	4	4
1	2	14,99	35,80	2	3
		14,48	24,87	4	4
2	2	12,11	22,35	2	3
3	3	7,22	18,42	2	2
2	2	8,41	6,06	2	3
3	3	6,74	3,51	2	2
1	1	7,33	21,30	2	2
2	3	9,24	9,21	2	2
3	3	6,13	10,66	2	2
2	2	10,73	10,64	2	2
1	2	6,98	27,16	2	2
2	2	3,22	8,28	1	1
1	1	11,85	9,63	2	2
2	3	5,43	2,29	1	1
1	1	5,77	6,00	1	2
3	3	6,79	3,92	2	2
2	2	6,57	19,82	1	1
2	2	3,96	16,30	1	1
2	2	4,65	10,49	1	1
3	3	3,25	2,77	1	1
		7,24	4,67	2	2
1	1	5,42	10,89	2	2
1	1	4,10	9,33	1	1
1	2		0,00		
1	1	4,71	2,73	1	1
1	1	5,61	0,73	2	2

Score C2	Coverage C2	# Peptides C2	# PSM C2	# AAs	MW [kDa]	calc. pI
402,14	20,70	72	97	1338	125,5	9,26
375,77	19,96	63	88	1338	125,5	9,29
325,45	14,98	49	59	1449	136,8	5,63
324,14	14,56	51	59	1449	136,9	5,63
101,47	19,69	19	24	325	34,9	8,34
40,08	37,31	10	12	134	15,1	5,95
44,76	24,42	12	13	434	47,3	7,08
37,58	37,31	9	11	134	15,1	6,19
39,46	30,47	11	12	128	13,7	10,89
39,71	5,79	5	10	363	39,5	8,34
35,61	16,82	9	10	434	47,2	7,24
19,54	13,74	5	6	262	29,7	5,21
20,31	17,79	8	8	208	23,2	6,98
18,13	14,32	6	6	377	41,9	5,31
24,92	6,46	7	7	1455	137,4	5,97
15,52	10,61	5	5	377	42,0	5,39
23,50	58,62	5	6	87	10,0	5,06
18,20	8,01	6	6	537	59,0	5,21
16,51	7,68	6	6	534	58,7	5,31
20,34	22,99	3	6	174	19,4	7,93
15,61	7,35	4	4	381	42,9	6,93
15,43	21,12	5	5	161	17,3	4,50
15,92	33,14	5	5	175	19,1	5,57
14,23	10,69	2	3	131	13,1	5,27
12,58	26,67	3	3	135	15,2	5,68
6,84	3,69	2	2	515	56,5	6,95
13,01	15,03	3	3	193	21,0	4,78
9,14	17,28	1	2	81	8,8	4,72
13,01	15,03	3	3	193	21,0	4,78
7,78	22,35	2	2	170	19,0	4,77
7,52	18,42	2	2	114	11,6	4,50
7,70	6,06	2	2	363	39,7	8,47
6,71	3,51	2	2	342	39,5	5,99
10,80	21,30	3	3	108	12,0	9,74
3,34	3,68	1	1	380	42,7	6,92
2,79	9,64	1	1	197	21,7	8,34
11,78	10,64	2	2	235	25,1	6,68
4,26	25,93	1	1	81	8,8	9,55
6,67	14,48	2	2	145	16,3	4,91
14,38	6,42	2	2	436	48,0	4,63
5,30	2,29	1	1	2799	293,7	8,51
6,11	6,00	1	2	250	26,9	5,05
				332	36,2	7,43
6,12	19,82	1	1	111	12,7	5,60
5,47	16,30	1	1	92	10,4	4,63
5,43	10,49	1	1	143	15,2	9,20
	0,00			433	47,4	5,33
5,05	6,31	2	2	428	46,6	4,68
3,43	10,89	1	1	101	11,6	4,88
9,29	10,67	2	2	150	16,9	8,84
7,56	6,24	1	2	417	44,5	8,13
10,25	2,73	1	2	844	97,4	7,17
3,81	0,73	1	1	1648	162,4	6,37

