

Query: LOCUS: BT057477 652 bp mRNA  
Program: BLASTX  
Database: nr All non-redundant GenBank CDS translations+PDB+SwissProt+PIR+PRF excluding environmental samples from WGS projects

Query range 1: 1 to 128

Query	60	KFVASASMKlllaglvtltlvgaqag	WYRFPGEAARGAKDMWRAYGDMKDANWKNSDKYFHARGNYDaarrgpggrwaaaVISNGREMVQGSSSGRGHEDSAADQEANRWGRNGGDPNRYRPNGLPRN	443	
NP_001140037.1	20			121	serum amyloid A-5 protein precursor [Salmo salar]
XP_029577060.1	20			121	serum amyloid A-5 protein-like [Salmo trutta]
XP_029577059.1	20			121	serum amyloid A-5 protein-like [Salmo trutta]
XP_029623550.1	20			121	serum amyloid A-5 protein-like [Salmo trutta]
NP_001117908.1	13			114	acute phase serum amyloid A (SAA) [Oncorhynchus mykiss]
NP_001117908.1	20			121	serum amyloid A protein precursor [Oncorhynchus mykiss]
CDR00160.1	15	R.		142	unnamed protein product [Oncorhynchus mykiss]
XP_021442123.1	20			121	serum amyloid A-5 protein [Oncorhynchus mykiss]
XP_035643137.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus keta]
XP_035595418.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus keta]
XP_020335201.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus kisutch]
XP_020335202.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus kisutch]
XP_020334223.1	20			121	serum amyloid A-5 protein [Oncorhynchus kisutch]
XP_046201745.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus gorbuscha]
XP_046205133.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus gorbuscha]
XP_024274892.1	20			121	serum amyloid A-5 protein [Oncorhynchus tshawytscha]
XP_029495343.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus nerka]
XP_029495683.1	20			121	serum amyloid A-5 protein-like [Oncorhynchus nerka]
XP_041697366.1	20			121	serum amyloid A-5 protein [Coregonus clupeaformis]
XP_041715780.1	20			121	serum amyloid A-5 protein [Coregonus clupeaformis]
CEG62717.1	20			121	serum amyloid A [Coregonus maraena]
CAB1339290.1	2	.T..G..V.		127	unnamed protein product [Coregonus sp. 'balchen']
XP_041726121.1	20			121	serum amyloid A [Coregonus clupeaformis]
XP_038851242.1	20			121	serum amyloid A-5 protein-like [Salvelinus namaycush]
XP_038851234.1	20			121	serum amyloid A-5 protein-like [Salvelinus namaycush]
XP_038838543.1	20			121	serum amyloid A-5 protein-like [Salvelinus namaycush]
XP_023851415.1	20			121	serum amyloid A-5 protein-like [Salvelinus alpinus]
XP_023995671.1	20			121	serum amyloid A-5 protein-like [Salvelinus alpinus]

MKlllaglvtltlvgaqag - signal peptide  
RYRPNGLPRNY - immunogen peptide

Figure S1: SAA5 amino acid sequence alignment in salmonids.