

Fish Lab Activity

HBB/ hemoglobin Beta protein

Common Name/Scientific Name	Protein #	Fasta sequence
Chicken <i>Gallus gallus</i>	P02112.2	>Chicken MVHWTAEKQLITGLWGKVNVAECGAEALARLLIVYPWTQRFASFGNLSST AIIIGNPMVRAHGKVLTSFGDAVKNLNKNITFSQLSELHCDKLHVDPENFRL LGDILIIIVLAAHFSSKDFTPPECQAAWQKLVVRVVAHALARKYH
Tuna <i>Thunnus thynnus</i> (northern bluefin tuna)	P11749	>Tuna VEWTQQERSIIAGFIANLNYEDIGPKALARCLIVYPWTQRYFGAYGDLSTPDA IKGNAKIAAHGKVLHGLDRAVKNMDNINEAYSELSVLHSDKLHVDPDNFRIL GDCLTVVIAANLGDFAFTVETQCAFQKFLAVVVVFALGRKYH
Salmon <i>Salmo salar</i> (Atlantic salmon)	Q91473	>Salmon MVDWTDAERSAIVGLWGKISVDEIGPQALARLLIVSPWTQRHFSTFGNLSTPA AIMGNPAVAKHGKTVMHGLDRAVQNLDDIKNAYTALSVMHSEKLVDPDNFRL LADCITVCVAAKLGPTVFSADIQEAQKFLAVVVVSALGRQYH
<i>Oncorhynchus mykiss</i> (rainbow trout) Trout	ACO07923.1	>Trout MVDWTDAERSAIVGLWGKISVDEIGPQALARLLIVSPWTQRHFSTFGNLSTPA AIMGNPAVAKHGKTVMHGLDRAVQNLDDIKNTYTALSVMHSEKLVDPDNFRL LADCITVCVAAKLGPAVFNADTQEAQKFLAVVVVSALGRQYH
Catfish <i>Hoplosternum littorale</i>	P82316.1	>Catfish VHFSDAERDAIAAIWGIHIDEIGPQSLARVLIVYPWTQRYFSKFGDMSSVAA ISGNPKVAAHGKVVLGALKEKGVKNLDNVKATYSNLSQLHCEKLVDPDNFRAL GDCITIVVASKFGNAFTPELQNAWHKFLSVVAAALSSRYF
Trematomus bernacchii (emerald rockcod)	P80044.2	>Cod MVEWTDKERSIISDIFSHMDYDDIGPKALSRLIVYPWTQRHFSGFGNLYNAE AIIIGNANVAAHGIKVLHGLDRGVKNMDNIAATYADLSTLHSEKLVDPDNFKL LSDCITIVLAAKMGHAF TAETQGAQKFLAVVVVSALGKQYH
Bos taurus (cow)	P02070	>Cow MLTAEKAAVTAFWGKVKVDEVGGALGRLLVVYPWTQRFESFGDLSTADAV MNNPKVKAHGKVLDSFSNGMKHLDDLKGTFAALSELHCDKLHVDPENFKLLG NVLVVVVLARNFGKEFTPVLQADFQKVVAGVANALAHRYH