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XP 036792435.1 O. mykiss 2a2.1    ---------------------------------MILTRKMAEFEELRSMVSSFRVSELQVLLGFAGRNKSGPKHELLLRVLHLLKNSSCSPAVQIKIKELYRRRYPRTIDTCLTDL
XP 036835088.1 O. mykiss 2a1.1    ------------------------------------------------------------------------------------------------------------
XP 024263254.1 O.tshawytscha 2a2  ---------------------------------MILTRKMAEFEELRSMVSSFRVSELQVLLGFAGRNKSGPKHELLLRVLHLLKNSSCSPAVQIKIKELYRRRYPRTIDTCLTDL
XP 006722634.1 H. sapiens         MLGSNYKEHCTVAVPFYIPTSNVWSDPVSQHPRQHLVLSVFFILAILNMVSSFRVSELQVLLGFAGRNKSGRKHDLLMRALHLLKSG-CSPAVQIKIRELYRRRYPRTLEG-LSDL

XP_036792435.1 O. mykiss 2a       SAFSTAAEGGDVTVVTSDLSDLSPDGASVSRDFDLASDSLLLSGDSLLLHKETNKELRMNLQQPAPLIPPVHPDVQMKSLPFYDVLDILVKPSSLGQCLSGTSTVQRYHQEKYFIF
XP_036835088.1 O. mykiss 2b       ------------------------------------------------------------MNLQQPAPLIPPVHPDIQMKSLPFYDVLDILVKPSSLGQCVSGASGVQRYNQDKYFIF
XP_024263254.1 O.tshawytscha 2a2  SAFSTAAEGGDVTVVTSDLSDLSPDGASVSRDFDLASDSLLLSGDSLLLHEETNKELRMNLQQPAPLIPPVHPDVQMKSLPFYDVLDILVKPSSLG-----TSTVQRYHQEKYFIF
XP_006722634.1 H. sapiens         SSVFS-LDGGSSPVEP----DLAVAGIHSLPSTSVTPHSPSSPVGSVLLQDTKP--T-FEMQQPSPPIPPVHPDVQLKNLPFYDVLDVLIKPTSLVQ-----SSIQRFQ-EKFFIF

XP_036792435.1 O. mykiss 2a       QQVREVCISRDFLPGGRRDYMVQIQLRFCLSETSCPQEDNYPNSLCIKVNGKLFPLPGYAPPPKNGVEQKRPGRPLNITSLVRLSSAVPNQISVTWAAEIGKTYSMSVYLVRQVTS
XP_036835088.1 O. mykiss 2b       QQVREVCISRDFLPGGRRDYMVQIQLRFCLSETSCPQEDNYPNSLCIKVNGKLFPLPGYAPPPKNGVEQKRPGRPLNITSLVRLSSAVPNQISITWAPEIGKTYSVLVYLVRQLTS
XP_024263254.1 O.tshawytscha 2a2  QQVREVCISRDFLPGGRRDYMVQIQLRFCLSETSCPQEDNYPNSLCIKVNGKLFPLPGYAPPPKNGVEQKRPGRPLNITSLVRLSSAVPNQISVTWAAEIGKTYSMSVYLVRQVTS
XP_006722634.1 H. sapiens         QQVREICISRDFLPGGRRDYTVQVQLRLCLAETSCPQEDNYPNSLCIKVNGKLFPLPGYAPPPKNGIEQKRPGRPLNITSLVRLSSAVPNQISISWASEIGKNYSMSVYLVRQLTS

XP 036792435.1 O. mykiss 2a       QRLRMKGIRNPDHSRALIKEKLTADPDSEIATTSLRVSLMCPLGKMRLTVPCRAVTCSHLQCFDAALYLQMNEKKPTWVCPVCDKKAPYESLIIDGLFMEILNDCSDVDEIKFQED
XP 036835088.1 O. mykiss 2b       QRLRMKGIRNPDHSRALIKEKLTADPDSEIATTSLRVSLMCPLGKMRLTVPCRALTCSHLQCFDAALYLQMNEKKPTWVCPVCDKKAPYESLIIDGLFMEILNDCSDVDEIKFQED
XP 024263254.1 O.tshawytscha 2a2  QRLRMKGIRNPDHSRALIKEKLTADPDSEIATTSLRVSLMCPLGKMRLTVPCRAVTCSHLQCFDAALYLQMNEKKPTWVCPVCDKKAPYESLIIDGLFMEILNDCSDVDEIKFQED
XP 006722634.1 H. sapiens         QRLKMKGIRNPDHSRALIKEKLTADPDSEIATTSLRVSLMCPLGKMRLTIPCRAVTCTHLQCFDAALYLQMNEKKPTWICPVCDKKAAYESLILDGLFMEILNDCSDVDEIKFQED

XP 036792435.1 O. mykiss 2a       PIRPRKEALSVSSTCIPKIEPRLCAVVPSHSELSSTN--KKADVIDLTLESSSEEEEEEEEPDPPLKKRCLYMSKTEEVHAKGVLTYQPSTGRLPNVPALDTP-YLMSSLADYTVP
XP 036835088.1 O. mykiss 2b       PMRPRKEALSVSSTCIPKIEPRQCAVVPPHREPSSTN--KKADVIDLTLESSSEDEEEEDPDPPLKKRCLYMSKTEEVHAKGVLSYQPSTVCLPNVHALDTSSYLTNSLADYTVP
XP 024263254.1 O.tshawytscha 2a2  PIRPRKEALSVSSTCIPKIEPRLCAMVPSHSELSSTN--KKADVIDLTLESSSEEEDEEEEPDPPLKKRCLYMSKTEEVHAKGVLTYQPSTGRLPNVQALDTP-YLMSSLADYTVP
XP 006722634.1 H. sapiens         PMRPKKEAMKVSSQPCTKIESSSVLSKPCSVTVASEASKKKVDVIDLTIESSSDEE-E----DPPAKRKCIFMSETQSSPTKGVLMYQPSSVRVPSVTSVDPA-AIPPSLTDYSVP

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XP 036792435.1 O. mykiss 2a       TLSTIPTDMQSLDLFSLIQGDPQHYRAPMFLDSLTSSLQGATTSAGLVSSSSQYDTSSHHTTASSSSHETGVITGGGGGSNIISDIISLD
XP_036835088.1 O. mykiss 2b       TLSTVPTDMQGLDLFSLIQGDPQHYRAPMFLDSLTSSLQGATTSAGLVSSSSQYDTSSH--LFSTSSYQTGVITGGGVGSNSISDIISLD
XP 024263254.1 O.tshawytscha 2a2  TLSTIPTDMQSLDLFSLIQGDPQHYRAPMFLDNLTSSLQGATTSAGLVSSSSQYDTSSHHTTASSSSHETGVITGGGGGSNIISDIISLD
XP 006722634.1 H. sapiens         PISSMSSDLPGLDFLSLIPVDPQQYCPPMFLDSLTSPLTASSTS---VTTTSSHESSTH-VSSSSSRSETGVITSSG--SN-IPDIISLD
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