

C.intestinalis 5341484\_ 1 -----MTKF-----TKMHFVV-----ILLILSLCK-----TANPRISIP-----TTA-----  
H.sapiens TAFAl 1 -----MAMVSA-----MSWLYLWISACAMLLCHGSLHHTFQOHHLRHP-----HKA-----  
M.musculus TAFAl 1 -----MAMVSA-----MSWLYLWISACAMLLCHGSLHHTFQOHHLRHP-----HKA-----  
G.gallus TAFAl 1 -----MAVASA-----MSWLYLWISACAMLLCQGSLLHHTFQOHHLRHPGKTL-----VNQI-----  
A.carolinensis TAFAla 1 -----  
A.carolinensis TAFAlb 1 -----  
X.tropicalis TAFAla 1 -----MVSA-----MSGLLYLWISACAMLLCQGSLLHHTFQOHHLRHSGFTSGHFPHHRKL-----  
X.tropicalis TAFAlb 1 -----MVSA-----MSGLLYLWISACAMLLCQGSLLHHTFQOHHLRHSGFTSGHFPHHRKL-----  
D.erio TAFAla 1 -----NQSVYI-----FTLVHFLSHYHL-----  
D.erio TAFAlb 1 -----LQMSVG-----MSWLLWVSLTVLLMCEGTFTYTIQQ-----HLAPFGTN-----  
H.sapiens TAFa2 1 -----MKRYLQKA-----TKGKLLI-----IIFVTLWGKAVSSAH-----HKA-----  
M.musculus TAFa2 1 -----MKRYLQKA-----TKGKLLI-----IIFVTLWGKAVSSAH-----HKA-----  
G.gallus TAFa2 1 -----MKRYLQKA-----TKGKLLI-----IIFVTLWGKAVSSAH-----HKA-----  
A.carolinensis TAFa2 1 -----PYIKFCFKLPLILHWE-----KASNVLRCKMLKVNTCSQHLEF-----STA-----  
X.tropicalis TAFa2 1 -----MKRYLQKA-----TKGKLLI-----IIFVTLWGKAVSSAH-----HKA-----  
D.erio TAFa2 1 -----MSVRDE-----LILL-----SQTLILLLLLRSSAHSHTLH-----I-----  
H.sapiens TAFa3 1 -----MSERVERNW-----STGGWVL-----ALCLAWLWHTLTLAALQPP-----TAT-----  
M.musculus TAFa3 1 -----MERPTSNW-----SAGSWVL-----ALCLAWLWHTLTLAALQPP-----TAT-----  
G.gallus TAFa3 1 -----MSERDQSL-----SRRLVVL-----TCLTLWLRGTSF-----SPA-----  
A.carolinensis TAFa3 1 -----MSERDQSL-----SKGVVLV-----SLCLIMLWGRITLASSHHRSH-----S-----  
X.tropicalis TAFa3 1 -----MSERDQSL-----SKGVVLV-----SLCLIMLWGRITLASSHHRSH-----S-----  
D.erio TAFa3a 1 -----MSERDQSL-----SKGVVLV-----SLCLIMLWGRITLASSHHRSH-----S-----  
D.erio TAFa3b 1 -----MSHQEASG-----KTQDTLM-----GLCLLAGLW-----PREPTG-----  
D.erio TAFa3c 1 -----VKNC-----ALLII-----MKSNVSCF-----FIA-----  
H.sapiens TAFa4 1 -----MRSPRMVCAKSVLLSHWFLA-----YVLMVCC-----KLMSASSQHLRGH-----AGH-----  
M.musculus TAFa4 1 -----MRVCAKSVLLSHWFLA-----YVLMVCC-----KLMSASSQHLRGH-----AGH-----  
G.gallus TAFa4 1 -----MRVCAKSVLLSHWFLA-----YVLMVCC-----KLMSASSQHLRGH-----AGH-----  
A.carolinensis TAFa4 1 -----MRVCAKSVLLSHWFLA-----YVLMVCC-----KLMSASSQHLRGH-----AGH-----  
X.tropicalis TAFa4 1 -----MLIPHHGTTLLHSLPFTTEQESLTSFICPGRGRDFMRCRTGHLQMGINSFNAETKFIKFDKSPKMFHAKVTLPSHWFLA-----YVLMVCC-----KLMSASSQHLRGH-----AGH-----  
D.erio TAFa4a 1 -----MLIPHHGTTLLHSLPFTTEQESLTSFICPGRGRDFMRCRTGHLQMGINSFNAETKFIKFDKSPKMFHAKVTLPSHWFLA-----YVLMVCC-----KLMSASSQHLRGH-----AGH-----  
D.erio TAFa4b 1 -----LTHILLEVLIFRWC-----YQLTHIC-----ENITACTETV-----VFIPIFF-----AAS-----  
D.erio TAFa4c 1 -----LTHILLEVLIFRWC-----YQLTHIC-----ENITACTETV-----VFIPIFF-----AAS-----  
H.sapiens TAFa5 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
M.musculus TAFa5 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
G.gallus TAFa5 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
A.carolinensis TAFa5a 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
A.carolinensis TAFa5b 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
X.tropicalis TAFa5a 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
X.tropicalis TAFa5b 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
D.erio TAFa5a 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
D.erio TAFa5b 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
D.erio TAFa5c 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
D.erio TAFa5d 1 -----MAP-----SPRTSGRQDATAL-----PSMSTFWA-----FIMLASLL-----IAYC-----  
consensus -----

C.intestinalis 5341484\_ 32 -----ETVPEITSAIEDCTTR-KKVNNADKQSVETRCCKCCKQVAGTTRRENACVPEVFOAGIWDGECPLDPEECVPESEVGHCHG-EQLSRYVTKNYSNVKLPQLPK-----  
H.sapiens TAFAl 40 -----EGGT-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
M.musculus TAFAl 40 -----EGGT-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
G.gallus TAFAl 40 -----FOWGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFAla 1 -----EGGT-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFAlb 1 -----EGGT-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFAla 51 -----GEIEGCI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFAlb 51 -----GEIEGCI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFAla 19 -----LHNKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFAlb 42 -----IQILGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
H.sapiens TAFa2 37 -----HHVKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
M.musculus TAFa2 37 -----HHVKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
G.gallus TAFa2 37 -----HHVKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFa2 43 -----HHVKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFa2 37 -----HHVKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa2 33 -----VEVRICT-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
H.sapiens TAFa3 38 -----VLKQGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
M.musculus TAFa3 38 -----VLKQGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
G.gallus TAFa3 34 -----AHVEPGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFa3 39 -----VHVEPGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFa3 39 -----VHVEPGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa3a 38 -----VHVEPGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa3b 33 -----GTVEPGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa3c 22 -----VHVEPGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
H.sapiens TAFa4 46 -----HOLKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
M.musculus TAFa4 41 -----HLIKEGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
G.gallus TAFa4 41 -----HOLKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFa4 41 -----HOLKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFa4 113 -----YOWKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa4a 11 -----YOWKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa4b 35 -----PEVKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa4c 41 -----YOWKGGI-----CEVVAHRCCKNNIEERSQTVKCSQPGQVAGTTRNRPSCVDASIVGKWWCOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
H.sapiens TAFa5 38 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
M.musculus TAFa5 58 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
G.gallus TAFa5 58 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFa5a 31 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
A.carolinensis TAFa5b 34 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFa5a 31 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
X.tropicalis TAFa5b 31 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa5a 38 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa5b 33 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa5c 31 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
D.erio TAFa5d 31 -----SOLAACT-----CEVITLDDSSOPRRTIARTRACAGKGGHAGTTRAPACVDARHKTGWSOPCLEGECHLPLDPSGWSGMAI-GNKRKTTIHPRT-----  
consensus -----

C.intestinalis 5341484\_ -----  
H.sapiens TAFAl -----  
M.musculus TAFAl -----  
G.gallus TAFAl -----  
A.carolinensis TAFAla -----  
A.carolinensis TAFAlb -----  
X.tropicalis TAFAla -----  
X.tropicalis TAFAlb -----  
D.erio TAFAla 151 K-----  
D.erio TAFAlb 137 -----P-----  
H.sapiens TAFa2 -----  
M.musculus TAFa2 -----  
G.gallus TAFa2 -----  
A.carolinensis TAFa2 -----  
X.tropicalis TAFa2 -----  
D.erio TAFa2 -----  
H.sapiens TAFa3 -----  
M.musculus TAFa3 -----  
G.gallus TAFa3 129 -IPLVCAEH-----  
A.carolinensis TAFa3 -----  
X.tropicalis TAFa3 139 -PDILLQDH-----  
D.erio TAFa3 -----  
D.erio TAFa3b -----  
D.erio TAFa3c 157 HTPL-----  
H.sapiens TAFa4 -----  
M.musculus TAFa4 -----  
G.gallus TAFa4 166 -IGVLKSD-----  
A.carolinensis TAFa4 -----  
X.tropicalis TAFa4 -----  
D.erio TAFa4a 112 HFGLLOT-----  
D.erio TAFa4b -----  
D.erio TAFa4c -----  
H.sapiens TAFa5 -----  
M.musculus TAFa5 -----  
G.gallus TAFa5 182 -FFIL-----  
A.carolinensis TAFa5a -----  
A.carolinensis TAFa5b -----  
X.tropicalis TAFa5a -----  
X.tropicalis TAFa5b -----  
D.erio TAFa5a -----  
D.erio TAFa5b -----  
D.erio TAFa5c -----  
D.erio TAFa5d -----  
consensus -----