

C.intestinalis 5341484 1 MACPDEAARVNANSFINNFVKVYHYLQFAYYHVGHKHWQAQAQAKSYLLFFPENVLKNNLNHFENSTDAKPKEDVSLFHRRLKVQSKILRHLYQNGFIRNFSESLNP ---YMEDDGDSEENNNESENVDSTENNADLAENEDS  
C.intestinalis 5349366 1 MACPDEAARVNANSFINNFVKVYHYLQFAYYHVGHKHWQAQAQAKSYLLFFPENVLKNNLNHFENSTDAKPKEDVSLFHRRLKVQSKILRHLYQNGFIRNFSESLNP ---YMEDDGDSEENNNESENVDSTENNADLAENEDS  
C.intestinalis 5349428 1 MACPDEAARVNANSFINNFVKVYHYLQFAYYHVGHKHWQAQAQAKSYLLFFPENVLKNNLNHFENSTDAKPKEDVSLFHRRLKVQSKILRHLYQNGFIRNFSESLNP ---YMEDDGDSEENNNESENVDSTENNADLAENEDS  
C.intestinalis 5349461 1 MACPDEAARVNANSFINNFVKVYHYLQFAYYHVGHKHWQAQAQAKSYLLFFPENVLKNNLNHFENSTDAKPKEDVSLFHRRLKVQSKILRHLYQNGFIRNFSESLNP ---YMEDDGDSEENNNESENVDSTENNADLAENEDS  
H.sapiens TAFAl 1  
M.musculus TAFAl 1  
G.gallus TAFAl 1  
A.carolinensis TAFAla 1  
A.carolinensis TAFAlb 1  
X.tropicalis TAFAla 1  
X.tropicalis TAFAlb 1  
D.zerio TAFAla 1  
D.zerio TAFAlb 1  
H.sapiens TAFa2 1  
M.musculus TAFa2 1  
G.gallus TAFa2 1  
A.carolinensis TAFa2 1  
X.tropicalis TAFa2 1  
D.zerio TAFa2 1  
H.sapiens TAFa3 1  
M.musculus TAFa3 1  
G.gallus TAFa3 1  
A.carolinensis TAFa3 1  
X.tropicalis TAFa3 1  
D.zerio TAFa3a 1  
D.zerio TAFa3b 1  
D.zerio TAFa3c 1  
H.sapiens TAFa4 1  
M.musculus TAFa4 1  
G.gallus TAFa4 1  
A.carolinensis TAFa4 1  
X.tropicalis TAFa4 1  
D.zerio TAFa4a 1  
D.zerio TAFa4b 1  
D.zerio TAFa4c 1  
H.sapiens TAFa5 1  
M.musculus TAFa5 1  
G.gallus TAFa5 1  
A.carolinensis TAFa5a 1  
A.carolinensis TAFa5b 1  
X.tropicalis TAFa5a 1  
X.tropicalis TAFa5b 1  
D.zerio TAFa5a 1  
D.zerio TAFa5b 1  
D.zerio TAFa5c 1  
D.zerio TAFa5d 1  
consensus

C.intestinalis 5341484 1 IVGEMGDISKNTEDTEDNGD SAENIELKENS DSKTKNVAATLKQVEPPKESKTQAKVEYNSMKDKTKMDIEAKDAYNARMEVIRKKREAESD VDISHMLSDIGHEVIDSNSIISIIDSTSLPQPPTPEGPILLHNKVMLSNSTQAGPLR ---MT  
C.intestinalis 5349366 146 IVGEMGDISKNTEDTEDNGD SAENIELKENS DSKTKNVAATLKQVEPPKESKTQAKVEYNSMKDKTKMDIEAKDAYNARMEVIRKKREAESD VDISHMLSDIGHEVIDSNSIISIIDSTSLPQPPTPEGPILLHNKVMLSNSTQAGPLR ---MT  
C.intestinalis 5349428 146 IVGEMGDISKNTEDTEDNGD SAENIELKENS DSKTKNVAATLKQVEPPKESKTQAKVEYNSMKDKTKMDIEAKDAYNARMEVIRKKREAESD VDISHMLSDIGHEVIDSNSIISIIDSTSLPQPPTPEGPILLHNKVMLSNSTQAGPLR ---MT  
C.intestinalis 5349461 146 IVGEMGDISKNTEDTEDNGD SAENIELKENS DSKTKNVAATLKQVEPPKESKTQAKVEYNSMKDKTKMDIEAKDAYNARMEVIRKKREAESD VDISHMLSDIGHEVIDSNSIISIIDSTSLPQPPTPEGPILLHNKVMLSNSTQAGPLR ---MT  
H.sapiens TAFAl 1 MAMVSA  
M.musculus TAFAl 1 MAMVSA  
G.gallus TAFAl 1 MAMVSA  
A.carolinensis TAFAla 1 MAMVSA  
A.carolinensis TAFAlb 1 MAMVSA  
X.tropicalis TAFAla 1 MAMVSA  
X.tropicalis TAFAlb 1 MAMVSA  
D.zerio TAFAla 1 MAMVSA  
D.zerio TAFAlb 1 MAMVSA  
H.sapiens TAFa2 1 MAMVSA  
M.musculus TAFa2 1 MAMVSA  
G.gallus TAFa2 1 MAMVSA  
A.carolinensis TAFa2 1 MAMVSA  
X.tropicalis TAFa2 1 MAMVSA  
D.zerio TAFa2 1 MAMVSA  
H.sapiens TAFa3 1 MAMVSA  
M.musculus TAFa3 1 MAMVSA  
G.gallus TAFa3 1 MAMVSA  
A.carolinensis TAFa3 1 MAMVSA  
X.tropicalis TAFa3 1 MAMVSA  
D.zerio TAFa3a 1 MAMVSA  
D.zerio TAFa3b 1 MAMVSA  
D.zerio TAFa3c 1 MAMVSA  
H.sapiens TAFa4 1 MAMVSA  
M.musculus TAFa4 1 MAMVSA  
G.gallus TAFa4 1 MAMVSA  
A.carolinensis TAFa4 1 MAMVSA  
X.tropicalis TAFa4 1 MAMVSA  
D.zerio TAFa4a 1 MAMVSA  
D.zerio TAFa4b 1 MAMVSA  
D.zerio TAFa4c 1 MAMVSA  
H.sapiens TAFa5 1 MAMVSA  
M.musculus TAFa5 1 MAMVSA  
G.gallus TAFa5 1 MAMVSA  
A.carolinensis TAFa5a 1 MAMVSA  
A.carolinensis TAFa5b 1 MAMVSA  
X.tropicalis TAFa5a 1 MAMVSA  
X.tropicalis TAFa5b 1 MAMVSA  
D.zerio TAFa5a 1 MAMVSA  
D.zerio TAFa5b 1 MAMVSA  
D.zerio TAFa5c 1 MAMVSA  
D.zerio TAFa5d 1 MAMVSA  
consensus

C.intestinalis 5341484 3 FAVDGFASEQQCDLIDLELGGVLDGDMGRVSPHSEHELFQGMVTYLAALAEKRGKVPQTAALYYKLSEEARLQVMYFKLTQELYFDYTHLVCRITTVKGFVERTDLSHPVHSDNCLLKENGSCCLKERPAYTWDRYSAILYLNDEF  
C.intestinalis 5349366 296 FAVDGFASEQQCDLIDLELGGVLDGDMGRVSPHSEHELFQGMVTYLAALAEKRGKVPQTAALYYKLSEEARLQVMYFKLTQELYFDYTHLVCRITTVKGFVERTDLSHPVHSDNCLLKENGSCCLKERPAYTWDRYSAILYLNDEF  
C.intestinalis 5349428 296 FAVDGFASEQQCDLIDLELGGVLDGDMGRVSPHSEHELFQGMVTYLAALAEKRGKVPQTAALYYKLSEEARLQVMYFKLTQELYFDYTHLVCRITTVKGFVERTDLSHPVHSDNCLLKENGSCCLKERPAYTWDRYSAILYLNDEF  
C.intestinalis 5349461 296 FAVDGFASEQQCDLIDLELGGVLDGDMGRVSPHSEHELFQGMVTYLAALAEKRGKVPQTAALYYKLSEEARLQVMYFKLTQELYFDYTHLVCRITTVKGFVERTDLSHPVHSDNCLLKENGSCCLKERPAYTWDRYSAILYLNDEF  
H.sapiens TAFAl 7  
M.musculus TAFAl 7  
G.gallus TAFAl 7  
A.carolinensis TAFAla 7  
A.carolinensis TAFAlb 7  
X.tropicalis TAFAla 7  
X.tropicalis TAFAlb 7  
D.zerio TAFAla 7  
D.zerio TAFAlb 7  
H.sapiens TAFa2 10  
M.musculus TAFa2 10  
G.gallus TAFa2 10  
A.carolinensis TAFa2 10  
X.tropicalis TAFa2 10  
D.zerio TAFa2 7  
H.sapiens TAFa3 10  
M.musculus TAFa3 9  
G.gallus TAFa3 10  
A.carolinensis TAFa3 10  
X.tropicalis TAFa3 10  
D.zerio TAFa3a 10  
D.zerio TAFa3b 10  
D.zerio TAFa3c 10  
H.sapiens TAFa4 15  
M.musculus TAFa4 10  
G.gallus TAFa4 10  
A.carolinensis TAFa4 37  
X.tropicalis TAFa4 83  
D.zerio TAFa4a 3  
D.zerio TAFa4b 10  
D.zerio TAFa4c 10  
H.sapiens TAFa5 20  
M.musculus TAFa5 20  
G.gallus TAFa5 20  
A.carolinensis TAFa5a 14  
A.carolinensis TAFa5b 16  
X.tropicalis TAFa5a 14  
X.tropicalis TAFa5b 14  
D.zerio TAFa5a 20  
D.zerio TAFa5b 16  
D.zerio TAFa5c 14  
D.zerio TAFa5d 14  
consensus

C.intestinalis 5341484 3 EGGEFIMTDATARRVKVQVRPKCGRVLSFSAKECHLHGKVPVTKGRCAMALWFTMDPTHNEEDFVSVKEMASRLVVLHLSILCLCVFGTVQSGKGRD TARLD ---KDEVSISDGP GS  
C.intestinalis 5349366 446 EGGEFIMTDATARRVKVQVRPKCGRVLSFSAKECHLHGKVPVTKGRCAMALWFTMDPTHNEEDFVSVKEMASRLVVLHLSILCLCVFGTVQSGKGRD TARLD ---KDEVSISDGP GS  
C.intestinalis 5349428 446 EGGEFIMTDATARRVKVQVRPKCGRVLSFSAKECHLHGKVPVTKGRCAMALWFTMDPTHNEEDFVSVKEMASRLVVLHLSILCLCVFGTVQSGKGRD TARLD ---KDEVSISDGP GS  
C.intestinalis 5349461 446 EGGEFIMTDATARRVKVQVRPKCGRVLSFSAKECHLHGKVPVTKGRCAMALWFTMDPTHNEEDFVSVKEMASRLVVLHLSILCLCVFGTVQSGKGRD TARLD ---KDEVSISDGP GS  
H.sapiens TAFAl 7  
M.musculus TAFAl 7  
G.gallus TAFAl 7  
A.carolinensis TAFAla 1  
A.carolinensis TAFAlb 1  
X.tropicalis TAFAla 5  
X.tropicalis TAFAlb 5  
D.zerio TAFAla 1  
D.zerio TAFAlb 7  
H.sapiens TAFa2 10  
M.musculus TAFa2 10  
G.gallus TAFa2 10  
A.carolinensis TAFa2 12  
X.tropicalis TAFa2 10  
D.zerio TAFa2 7  
H.sapiens TAFa3 10  
M.musculus TAFa3 9  
G.gallus TAFa3 10  
A.carolinensis TAFa3 10  
X.tropicalis TAFa3 10  
D.zerio TAFa3a 10  
D.zerio TAFa3b 10  
D.zerio TAFa3c 10  
H.sapiens TAFa4 15  
M.musculus TAFa4 10  
G.gallus TAFa4 10  
A.carolinensis TAFa4 37  
X.tropicalis TAFa4 83  
D.zerio TAFa4a 3  
D.zerio TAFa4b 10  
D.zerio TAFa4c 10  
H.sapiens TAFa5 20  
M.musculus TAFa5 20  
G.gallus TAFa5 20  
A.carolinensis TAFa5a 14  
A.carolinensis TAFa5b 16  
X.tropicalis TAFa5a 14  
X.tropicalis TAFa5b 14  
D.zerio TAFa5a 20  
D.zerio TAFa5b 16  
D.zerio TAFa5c 14  
D.zerio TAFa5d 14  
consensus

C.intestinalis 5341484 50 RVNQAQDKSVETRVGCKGKRGVAGVSRNRCPEYVFQAGHNCNCPCHNEEGRNES---EVGHVGHG-HOLNKNYSNVEK---LPQLPK  
C.intestinalis 5349366 573 RCGTVDRVVRQVLRVKCECTGCTCYAGTTSGPSCVFDNRYEGHNCNCPCHNEEGRNES---LSDEGRRHGCTDGGQKVTG  
C.intestinalis 5349428 573 RCGTVDRVVRQVLRVKCECTGCTCYAGTTSGPSCVFDNRYEGHNCNCPCHNEEGRNES---LSDEGRRHGCTDGGQKVTG  
C.intestinalis 5349461 573 RCGTVDRVVRQVLRVKCECTGCTCYAGTTSGPSCVFDNRYEGHNCNCPCHNEEGRNES---LSDEGRRHGCTDGGQKVTG  
H.sapiens TAFAl 51  
M.musculus TAFAl 51  
G.gallus TAFAl 7  
A.carolinensis TAFAla 11  
A.carolinensis TAFAlb 11  
X.tropicalis TAFAla 12  
X.tropicalis TAFAlb 12  
D.zerio TAFAla 35  
D.zerio TAFAlb 56  
H.sapiens TAFa2 127  
M.musculus TAFa2 51  
G.gallus TAFa2 51  
A.carolinensis TAFa2 57  
X.tropicalis TAFa2 57  
D.zerio TAFa2 47  
H.sapiens TAFa3 53  
M.musculus TAFa3 52  
G.gallus TAFa3 48  
A.carolinensis TAFa3 48  
X.tropicalis TAFa3 48  
D.zerio TAFa3a 52  
D.zerio TAFa3b 47  
D.zerio TAFa3c 36  
H.sapiens TAFa4 60  
M.musculus TAFa4 55  
G.gallus TAFa4 55  
A.carolinensis TAFa4 82  
X.tropicalis TAFa4 127  
D.zerio TAFa4a 28  
D.zerio TAFa4b 49  
D.zerio TAFa4c 55  
H.sapiens TAFa5 52  
M.musculus TAFa5 52  
G.gallus TAFa5 81  
A.carolinensis TAFa5a 48  
A.carolinensis TAFa5b 48  
X.tropicalis TAFa5a 48  
X.tropicalis TAFa5b 48  
D.zerio TAFa5a 52  
D.zerio TAFa5b 48  
D.zerio TAFa5c 45  
D.zerio TAFa5d 45  
consensus