C.intestinalis 5341484 C.intestinalis 5349366 C.intestinalis 5349428 C.intestinalis 5349461 H.sapiens TAFA1 M.musculus TAFA1 G.gallus TAFA1	1 MACPDEAARVNANSFINNFVPKVYHYLQFAY	yhvgkhwqaaqaaksyllffpenvliknnlnhfenst Hhvgkhwqaaqaaksyllffpenvliknnlnhfenst Hhvgkhwqaaqaaksyllffpenvliknnlnhfenst	DAKPKEDVSLFHRRLKVQSKILRHIYQN	FGIRNFSESLLNPYMEED	DGDSEENNNESSENVVDSTENNADLAENEDS
A.carolinensis_TAFAla A.carolinensis_TAFAlb X.tropicalis_TAFAla X.tropicalis_TAFAlb D.rerio_TAFAla D.rerio_TAFAla					
H.sapiens_TAFA2 M.musculus_TAFA2 G.gallus_TAFA2 A.carolinensis_TAFA2 X.tropicalis_TAFA2 D.rerio_TAFA2 H.sapiens_TAFA3					
M.musculus TAFA3 G.gallus_TAFA3 A.carolinensis_TAFA3 X.tropicalis_TAFA3 D.rerio_TAFA3a D.rerio_TAFA3a					
D.rerio_TAFA3c H.sapiens_TAFA4 M.musculus_TAFA4 G.gallus_TAFA4 A.carolinensis_TAFA4 X.tropicalis_TAFA4	1 MLIPHGTTLHS	-LPFPT	EQEESL	TSFICPGRGRDFMRCRT	GHLQI
D.rerio_TAFA4a D.rerio_TAFA4b D.rerio_TAFA4c H.sapiens_TAFA5 M.musculus_TAFA5 G.gallus_TAFA5	1 MA				
A.carolinensis_TAFA5a A.carolinensis_TAFA5b X.tropicalis_TAFA5a X.tropicalis_TAFA5b D.rerio_TAFA5a D.rerio_TAFA5b D.rerio_TAFA5b	1 MA				
D.rerio TAFA5d consensus					
C.intestinalis_5349428_ 1	46 IVGEMGDISKNTEDTEDNGDSAENIELKENSI 46 IVGEMGDISKNTEDTEDNGDSAENIELKENSI		MIEAKDAYNARMEVIRKKREAESDVDIS MIEAKDAYNARMEVIRKKREAESDVDIS MIEAKDAYNARMEVIRKKREAESDVDIS MAMVSAMAMVSA	HMLSDIGHEVIDSNSIISIIDST HMLSDIGHEVIDSNSIISIIDST	SLPQPPTPEGPLLHNKVVMLSNSTQMAGPLR SLPQPPTPEGPLLHNKVVMLSNSTQMAGPLR
G.gallus TAFA1 A.carolinensis TAFA1a A.carolinensis TAFA1b X.tropicalis TAFA1a X.tropicalis TAFA1b D.rerio TAFA1a	1				
D.rerio_TAFA1b H.sapiens_TAFA2 M.musculus_TAFA2 G.gallus_TAFA2 A.carolinensis_TAFA2 X.tropicalis_TAFA2	1		PYIKFCFKLPL		
D.rerio_TAFA2 H.sapiens_TAFA3 M.musculus_TAFA3 G.gallus_TAFA3 A.carolinensis_TAFA3 X.tropicalis_TAFA3 D.rerio_TAFA3a	1		-MSERVERNW		
D.rerio TAFA3b D.rerio TAFA3c H.sapiens TAFA4 M.musculus TAFA4 G.gallus TAFA4 A.carolinensis TAFA4	1		-MSHQEEASG		
X.tropicalis_TAFA4 D.rerio_TAFA4a D.rerio_TAFA4b D.rerio_TAFA4c H.sapiens_TAFA5 M.musculus_TAFA5		AETKFIVF	FDKSPRMKFHAKVTL		
G.gallus_TAFA5 A.carolinensis_TAFA5a A.carolinensis_TAFA5b X.tropicalis_TAFA5a X.tropicalis_TAFA5b D.rerio_TAFA5a	1		MQILKALWALAGA		
D.rerio TAFA5b D.rerio_TAFA5c D.rerio TAFA5d consensus	1		MQHLRVAWALAGA		
C.intestinalis_5349366_ 2 C.intestinalis_5349428_ 2 C.intestinalis_5349461_ 2	96 FAVDGFASEQQCQDLIDLELSGGVLGDGYMGR 96 FAVDGFASEQQCQDLIDLELSGGVLGDGYMGR	rvsphsehelfqqmtvylaaklaekgkvppqtaalty vsphsehelfqqmtvylaaklaekgkvppqtaalty rvsphsehelfqqmtvylaaklaekgkvppqtaalty	KLSEEARLQVKMYFKLTQELYFDYTHLV KLSEEARLQVKMYFKLTQELYFDYTHLV	CRTTVKGKPVERTDLSHPVHSDN CRTTVKGKPVERTDLSHPVHSDN	CLLKENGSCLKERPAYTWRDYSAILYLNDEF
H.sapiens_TAFA1 M.musculus_TAFA1 G.gallus_TAFA1 A.carolinensis_TAFA1a A.carolinensis_TAFA1b X.tropicalis_TAFA1a	7				
M.musculus_TAFA2	7				
A.carolinensis_TAFA2 X.tropicalis_TAFA2 D.rerio_TAFA2 H.sapiens_TAFA3 M.musculus_TAFA3	12				
A.carolinensis_TAFA3 X.tropicalis_TAFA3 D.rerio_TAFA3a	10				
H.sapiens_TAFA4 M.musculus_TAFA4 G.gallus_TAFA4 A.carolinensis_TAFA4 X.tropicalis_TAFA4 D.rerio_TAFA4a	15				
D.rerio_TAFA4b D.rerio_TAFA4c H.sapiens_TAFA5 M.musculus_TAFA5 G.gallus_TAFA5	10				
A.carolinensis_TAFA5b X.tropicalis_TAFA5a X.tropicalis_TAFA5b D.rerio_TAFA5a D.rerio_TAFA5b	16				
D.rerio_TAFA5c D.rerio_TAFA5d consensus	14				
C.intestinalis_5349428_ 4	46 EGGEFIMTDATARRVKVQVRPKCGRLVSFSAG	GKECLHGVKPVTKGRRCAMALWFTMDPTHNEEDFVIS GKECLHGVKPVTKGRRCAMALWFTMDPTHNEEDFVIS GKECLHGVKPVTKGRRCAMALWFTMDPTHNEEDFVIS	VKEMASRLLVVHLISILCCLCVFGTVQS	QGKGRDTARLD QGKGRDTARLD	KDEVSISDGP S IV IVSS KDEVSISDGP S IVSS 
G.gallus_TAFA1 A.carolinensis_TAFA1a A.carolinensis_TAFA1b X.tropicalis_TAFA1a X.tropicalis_TAFA1b D.rerio_TAFA1a	7		mswvlylw-isacamllcogslhht msgllylw-isacalllcogslhhs msgllylw-isacalllcogslhh	FQQHHLHRSGF FQQHHLHQSGF SFQQHHLHQSG	TLSVNQIFQWEGGCEVIFRE
D.rerio_TAFA1b H.sapiens_TAFA2 M.musculus_TAFA2 G.gallus_TAFA2 A.carolinensis_TAFA2	7		MSWLLWVW-VSLTVLLMCEGTFYETKGKLLIIIFIVTLWGKVSTKGKLLIIIFVVTLWGKAVSTKGKLLIIIFVVTLWGKLASG	TIQQ	
D.rerio_TAFA2 H.sapiens_TAFA3 M.musculus_TAFA3 G.gallus_TAFA3 A.carolinensis_TAFA3 X.tropicalis_TAFA3	7		LLLLSQTLLLLLLLLRSSTGGWLLALCLAWLWTHLTLASAGSWVLALCLAWLWTCPASSRRVLVLTLCLTTLWGRLTS	SAHSTELH	
D.rerio_TAFA3a D.rerio_TAFA3b D.rerio_TAFA3c H.sapiens_TAFA4 M.musculus_TAFA4 G.gallus_TAFA4 A.carolinensis_TAFA4	10		FAWIVIVFLAID/LFWGHLSE	ASSHRSH	
D.rerio_TAFA4b D.rerio_TAFA4c H.sapiens_TAFA5	10		IFRWCYQLTLIC-ENITAC PLRIVLLFTLYMCSC-GLVSA SSTFWAFMILASL	GTRSLRGHLIAYCS	TASYOVK G CE TITLD
G.gallus_TAFA5 A.carolinensis_TAFA5a A.carolinensis_TAFA5b X.tropicalis_TAFA5a X.tropicalis_TAFA5b D.rerio_TAFA5a	20		SSTFWAIMILASL	LIAYCN-YNSYFGADNPQWLYMRI FLKE-G	HCPGCFQDAFELGCLA G C IVTLD
	14		AVCEPT LET TOAH	FFCF-C	OLAY GO GO TATED
C.intestinalis_5341484_ C.intestinalis_5349366_ 5 C.intestinalis_5349428_ 5 C.intestinalis_5349461_ 5 H.sapiens_TAFAI	73 RCCTVDRVVRQVLRVKCECTTCYAAGTTFSCE 51 RCCNKNRIEERSQTVKCSCIPGKVAGTTRNRE	PSCV PCS			
M.musculus TAFAI G.gallus TAFAI A.carolinensis TAFAIa A.carolinensis TAFAIb X.tropicalis TAFAIa X.tropicalis TAFAIb	51 RCCHAN LEERSOTVICSO FEAVACTTRINE 11 RCCHAN LEERSOTVICSO FEAVACTTRINE 12 RCCHAN LEERSOTVICSO FEAVACTTRINE 65 RCCHAN LEERSOTVICSO FEAVACTTRINE 65 RCCHAN LEERSOTVICSO FEAVACTTRINE	PSCVDASIVICKWWCENE PCLE GEBCKE LPPI NS PSCVDASIVICKWWCENE PCLE GEBCKE LPPI NS	GY CSV-GNRVKTVKIHPRY GYNCAT-GNEVKYVEN		
D.rerio_TAFA1b H.sapiens_TAFA2 M.musculus_TAFA2 G.gallus_TAFA2 A.carolinensis_TAFA2	56 RCCNNNIEERSQTVKCSOIPGEVAGTTRINE 51 RCCNNNIEERSQTVKCSOEPGQVAGTTRIAE 51 RCCNNNIEERSQTVKCSOEPGQVAGTTRIAE 51 RCCNNNIEERSQTVKCSOEPGQVAGTTRIAE	ScvdasiveckwchopciegeeckvlpdRi ScvdasiveckwchopciegeeckvlpdRi ScvdasiveckwchopciegeeckvlpdRi ScvdasiveckwchopciegeeckvlpdRi	GYN CYS-GNEIKYY EVRLG GYSCSS-GNEVKTY EVTHG GYSCSS-GNEVKTY EVTHG GYSCSS-GNEVKTY RLWQYSWSQM		.YYMHKLK
D.rerio_TAFA2 H.sapiens_TAFA3 M.musculus_TAFA3 G.gallus_TAFA3 A.carolinensis_TAFA3 X.tropicalis_TAFA3	47 RCCNRNKIEERSQTVKCSCFSGQVAGTTRAR 53 RCCNRNRIEERSQTVKCSCFSGQVAGTTRAR 52 RCCNRNRIEERSQTVKCSCFSGQVAGTTRAR 48 RCCNRNKIEERSQTVKCSCFPGQVAGTTRAR 53 RCCNRNKIEERSQTVKCSCFPGQVAGTTBAR 53 RCCNRNKIEERSQTVKCSCFPGQVAGTTBAR	SCUDARIVOCKWWCCMCPCLEGECKVLPILI SSCUDASIVLOKWCCMCPCLEGEECKVLPIISO SCUDASIVLOKWWCCMCPCLIGEECKVLPIISO SCUDASIVLOKWWCCMCPCLEGECKVLPIISO SCUDASIVLOKWWCCMCPCLEGECKVLPIISO	GFSCAT-GNE KTY KISP	DRDQLW	
D.rerio TAFA3a D.rerio TAFA3b D.rerio TAFA3c H.sapiens TAFA4 M.musculus TAFA4 G.gallus TAFA4	52 RCCNEN I TERRSOTVKCSG PGQVAGTTRAR 47 RCCNEN I TERRSOTVKCSG PGQVAGTTRAR 60 RCCNEN I TERRSOTVKCSG PGQVAGTTRAR 55 RCCNEN I TERRSOTVKCSG PGQVAGTTRAG 55 RCCNEN I TERRSOTVKCSG PGQVAGTTRAG	SCVDASIVACKWWCOMOPOVEGEECKVIPEIF	GRS GST-GRN NYT N TR- GRS GST-GRN NYT N RR-SPSNYI GRS GST-GRN NYT N SIHTHTHTH GRS GSS-GRN NYT N TR GRS GSS-GRN NYT N TR GRS GSS-GRN NYT N RSTEITYLNII GRS GSS-GRN NYT NASTEITYLNII	PVSRPIAVRKISIPAGGISPN PHTHTHTHTHTHTHT	IISNNTV
A.carolinensis_TAFA4 X.tropicalis_TAFA4 1 D.rerio_TAFA4a D.rerio_TAFA4b D.rerio_TAFA4c H.sapiens_TAFA5	27 RCCNKNRIEERSQTVKCSCFPGQVAGTTRAQE 25 RCCNKNKIEERSQTVKCSCFPGQVAGTTRAQE	SCV BASIVICKWWOINN POME GEECK LPII SCV BASIVLCKWWO MEPCI GEECK LPII SCV BASIVRKWWO MEPCI DIELCK LPII	GK S G S S - GNE   KTY   T   TR	THC	HFGLLGT
G.gallus_TAFA5 A.carolinensis_TAFA5a A.carolinensis_TAFA5b Y_tropicalis_TAFA5a	52 ROSSOPRATIAROTAR CA CARG IAGTTRA E 81 ROSSOPRATIAROTAR CA CARG IAGTTRA E 45 ROSSOPRATIAROTAR CA CARG IAGTTRA E 48 ROMSHPKEMIAROTAR CS ERGOVAGTTRA E 45 ROSSOPRATIAROTAR CA CARG TACTTRA E	#CVDPHIIK FOWGENIPCIFEFOOD IINFS #CVDFFIIK FOWGENIPCIFEFOOD IINFS #CVDFFIIK FOWGENIPCIFEFOOT IINFS	GV CTO GR KT NHFSILFL GW CTO GR KT S S GW CTROLGR K V SS		
D.rerio_TAFA5b D.rerio_TAFA5c D.rerio_TAFA5d consensus	45 BOSSOPRITIANOTARO OKNOS IAGITEN 52 KDSSOPRITIANOTARO OKNOS IAGITEN 47 BOSSOPRITIANOTARO OKNOS IAGITEN 45 BOSSOPRITIANOTARO OKNOS IAGITEN 45 KDSSOPRITIANOTARO OKNOS IAGITEN 45 KDSSOPRITIANOTARO OKNOS IAGITEN	ACVDA FIVES CWG E A PG GG T G G I FEN IS ACVDA G V RURG WG E N PCI DI E G DI I VN R ACVDA FIVES G WG IN V PCI EI EIZ DI I VN ES	G MO GR NV TTOG		AYSHNYFVK