

Brugia_malayi_A8PRF0	1	PSNEVFQQIEKALNSTIVSHRDLG.LGGMYTKEFEVLEVKKIINKKIYERYIRRRGDIAEENYGEHNEKLLY	70
Schistosoma_japonicum_Q5BZA6	1	DPEFLAVEEQIQSTIREHKDN..CGGIYKRYRILKVARIIRNKRLWDRYLHRCAEIAEDNSGHYNERLLF	67
Drosophila_melanogaster_Q9VBP3	1	LCTLVLDLPPDDKEFVAVEEEMQATIREHRDNGQAGGYFTRYNTIRVQKVQNRKLWERYAHRREQEIAEENFLQSNERMFL	80
Homo_sapiens_TNKS2	1	SPDDKEFQSVEEEMQSTVREHRDGGHAGGTFNRYNLIKIQKVCNKKLWERYTHRRKEVSEENHNHANERMFL	72
Gallus_gallus_Q800E0	1	.GTLVLDLSSDKEFQSVEEEMQSTVREHRDGGHAGGVFNRYNLIKIQKVCNKKLWERYTHRRKEVSEENHNHANERMFL	79
Danio_rerio_A3KGU1	1	.GTVLDLAVDDKEFQSVEEEMQSTIREHRDGGNAGGVFSRYNVIKIQKVNNKKLRERYTHRQKEIADENNNHHNERNMLF	79
Xenopus_laevis_Q5XGK5	1	LLDLASDDKEHQSVEEEMQNSIREHRDGGNAGGVFNRYNVIRIQKIVNKKLRERFCHRRQKEVSEENNNHHNERNMLF	76
Homo_sapiens_TNKS1	1	APEDKEYQSVEEEMQSTIREHRDGGNAGGTFNRYNVIRIQKVNNKKLRERFCHRRQKEVSEENNNHHNERNMLF	72
Gallus_gallus_Q800D9	1	LLDLAPDDKEYQSVEEEMQSTIREHRDGGNAGGTFNRYNVIRIQKVNNKKLRERFCHRRQKEVSEENNNHHNERNMLF	76
<i>Human TNKS Structure</i>			
		α-1	β-sheet
			α-2
			Core β-1

Brugia_malayi_A8PRF0	71	HGSPFVHSIVQKGFDERYSYMGGMFGAGIYFAEHSSKSNQYVFGMAGS.GCSLH...NCY.....	126
Schistosoma_japonicum_Q5BZA6	68	HGSPFLQSIVMKGFDERYAYIGGMFGAGIYFAENSSKSNQYVYGIGGGAGCPAHKSRSCYVCSRQLLLCRVALGRSFLIQF	147
Drosophila_melanogaster_Q9VBP3	81	HGSPFINAIVQKGFDERHAYIGGMFGAGIYFAEHSSKSNQYVYGIGGGIGCPSHKDKSCYVCPRQLLLCRVALGKSFLQY	160
Homo_sapiens_TNKS2	73	HGSPFVNAIIHKGFDERHAYIGGMFGAGIYFAENSSKSNQYVYGIGGGTGCPVHKDRSCYICHRQLLFCRVTLGKSFLQF	152
Gallus_gallus_Q800E0	80	HGSPFVNAIIHKGFDERHAYIGGMFGAGIYFAENSSKSNQYVYGIGGGTGCPVHKDRSCYVCHRRQLLFCRVTLGKSFLQF	159
Danio_rerio_A3KGU1	80	HGSPFINAIIHKGFDERHAYIGGMFGAGIYFAENSSKSNQYVYGIGGGTGCPVHKDRSCYLCHRRQLLFCRVTLGKSFLQF	159
Xenopus_laevis_Q5XGK5	77	HGSPFINAIIHKGFDERHAYIGGMFGAGIYFAENSSKSNQYVYGIGGGTGCPVHKDRSCYICHRQLLFCRVTLGKSFLQF	156
Homo_sapiens_TNKS1	73	HGSPFINAIIHKGFDERHAYIGGMFGAGIYFAENSSKSNQYVYGIGGGTGCPVHKDRSCYICHRQLLFCRVTLGKSFLQF	152
Gallus_gallus_Q800D9	77	HGSPFINAIIHKGFDERHAYIGGMFGAGIYFAENSSKSNQYVYGIGGGTGCPVHKDRSCYICHRQLLFCRVTLGKSFLQF	156
<i>Human TNKS Structure</i>			
		α-3	β-sheet
		Core β-1	Core β-2
			Core β-3

Brugia_malayi_A8PRF0	126		126
Schistosoma_japonicum_Q5BZA6	148	NAMKVAAHAPPGHHSIVGRPSAGGLNFSEYVIYRGEQAYPEYLITYQLL.....	194
Drosophila_melanogaster_Q9VBP3	161	SAMKMAHAPPGHHSVIVGRPSAGGLHFAEYVYRGEQSYPEYLITYQI.....	207
Homo_sapiens_TNKS2	153	SAMKMAHSPPGHHSVTGRPSVNGLATAEYVIYRGEQAYPEYLITYQIMRPEGMV	206
Gallus_gallus_Q800E0	160	SAMKMAHSPPGHHSVTGRPSVNGLATAEYVIYRGEQAYPEYLITYQI.....	206
Danio_rerio_A3KGU1	160	SAMKMAHAPPGHHSVIVGRPSVNGLAYAEYVIYRGEQAYPEYLITYQI.....	206
Xenopus_laevis_Q5XGK5	157	STMKMAHAPPGHHSVIVGRPSVNGLAYAEYVIYRGEQAYPEYLITYQI.....	203
Homo_sapiens_TNKS1	153	STMKMAHAPPGHHSVIVGRPSVNGLAYAEYVIYRGEQAYPEYLITYQIMKPEAPS	206
Gallus_gallus_Q800D9	157	STMKMAHAPPGHHSVIVGRPSVNGLAYAEYVIYRGEQAYPEYLITYQI.....	203
<i>Human TNKS Structure</i>			
		β-sheet	
		Core β-4	Core β-5
			Core β-6