

Table 2. Databank accession codes for clathrin light chain sequences used in alignment

Common gene name	DNA accession (NCBI or as noted)	NCBI protein accession	Genus	Species
Human CLTA	M20471	P09496	<i>Homo</i>	<i>sapiens</i>
Human LCps8 pseudogene	NT_015280		<i>Homo</i>	<i>sapiens</i>
Human LCps12 pseudogene	NT_024397		<i>Homo</i>	<i>sapiens</i>
Chimpanzee CLTA	Chr11_2.397		<i>Pan</i>	<i>trogodytes</i>
Rhesus macaque monkey CLTA	CB552545		<i>Macaca</i>	<i>mulatta</i>
Dog CLTA	Chr11_11.16		<i>Canis</i>	<i>familiaris</i>
Cow CLTA	X04849	P04973	<i>Bos</i>	<i>taurus</i>
Sheep CLTA	CD289040 CD288853		<i>Ovis</i>	<i>aries</i>
Pig CLTA	BP464621 BX669382		<i>Sus</i>	<i>scrofa</i>
Rat CLTA	M19260	P08081	<i>Rattus</i>	<i>norvegicus</i>
Mouse CLTA	U91848 O08585 NM_016760.1	O08585	<i>Mus</i>	<i>musculus</i>
Chicken CLTA	356441.5 356441.4 336571.3		<i>Gallus</i>	<i>gallus</i>
Frog CLTA	BG814584 BG885389 BG813947 BG611814		<i>Xenopus</i>	<i>laevis</i>
Japanese Pufferfish CLTA	CAAB01001172		<i>Takifugu</i>	<i>rubripes</i>
Indonesian pufferfish CLTA	FS_CONTIG_39466_1 WI_TRUECONTIG_45364_1 FS_CONTIG_18411_2		<i>Tetraodon</i>	<i>nigroviridis</i>
Zebrafish CLTA	CA975665 BC060939 Zv4_Scaffold 19.2 (chr 1)		<i>Danio</i>	<i>rerio</i>
Human CLTB	NM_007097	P09497	<i>Homo</i>	<i>sapiens</i>
Chimpanzee CLTB	Chr4_14.9		<i>Pan</i>	<i>trogodytes</i>
Dog CLTB	Chr4_8.35		<i>Canis</i>	<i>familiaris</i>
Bovine CLTB	X04852	P04975	<i>Bovine</i>	<i>taurus</i>
Pig CLTB	BP438058 CF360765		<i>Sus</i>	<i>scrofa</i>
Rat CLTB	M15883	P08082	<i>Rattus</i>	<i>norvegicus</i>
Mouse CLTB	AK009844.1	BAB26539.1	<i>Mus</i>	<i>musculus</i>
Chicken CLTB	BM490884		<i>Gallus</i>	<i>gallus</i>
Frog CLTB	BF613534 BG515527 BE491314 AW767161 Ti 48049601		<i>Xenopus</i>	<i>laevis</i>
Japanese Pufferfish CLTB	CAAB01001207		<i>Takifugu</i>	<i>rubripes</i>
Indonesian pufferfish CLTB	FS_CONTIG_4309_1		<i>Tetraodon</i>	<i>nigroviridis</i>
Zebrafish CLTB	Zfish41356-385B12.p1c Z35724-a3423c10.p1c Zfish35934-350a11.p1c Zfish35935-271607.p1c Zv4_Scaffold 1228.10 (chr14)		<i>Danio</i>	<i>rerio</i>

Sea squirt LC	C10100148440 Scaffold 140		<i>Ciona</i>	<i>intestinalis</i>
Sea urchin LC	CD308302 CD319349		<i>Strongylocentrotus</i>	<i>purpuratus</i>
Sea Hare LC	L14586	APLCLTLCA	<i>Aplysia</i>	<i>californica</i>
Black tiger shrimp LC	AW600742		<i>Penaeus</i>	<i>monodon</i>
Signal crayfish LC	CF542657		<i>Pacifastacus</i>	<i>leniusculus</i>
Scorpion LC	CB333963 CB333964		<i>Mesobuthus</i>	<i>gibbosus</i>
Tobacco hornworm LC	CA798861		<i>Manduca</i>	<i>sexta</i>
Fruit Fly LC	NM_079454	Q9VWA1	<i>Drosophila</i>	<i>melanogaster</i>
Mosquito LC	AAAB01008933.1	EAA09983	<i>Anopheles</i>	<i>gambiae</i>
Honeybee LC	XM_395065 XM_393705	XP_395065 XP_393705	<i>Apis</i>	<i>mellifera</i>
Humus earthworm LC	CF799395		<i>Lumbricus</i>	<i>rubellus</i>
Roundworm LC	AAB37069	T29460	<i>Caenorhabditis</i>	<i>elegans</i>
Nematode LC	CB277564		<i>Trichuris</i>	<i>vulpis</i>
Nematode LC	BQ692130 BG438479		<i>Trichinella</i>	<i>spiralis</i>
Worm LC	BU800684 BU798239 BU791895		<i>Schistosoma</i>	<i>japonicum</i>
Nematode LC	BE581044		<i>Strongyloides</i>	<i>stercoralis</i>
Slime mold LC	AC117081 167687	AAM43766	<i>Dictyostelium</i>	<i>discoideum</i>
Thale cress LC1	NM_129564 AF002109	NP_565921	<i>Arabidopsis</i>	<i>thaliana</i>
Thale cress LC2	AF049236	AAC14416		
Thale cress LC3	AC006234	AAD20919		
Fission yeast LC	NC_003423	NP_595750	<i>Schizosaccharomyces</i>	<i>pombe</i>
Baker's yeast LC	NC_001139	NP_011683	<i>Saccharomyces</i>	<i>cerevisiae</i>
Fungus LC	AL807366.1	CAD36975	<i>Neurospora</i>	<i>crassa</i>