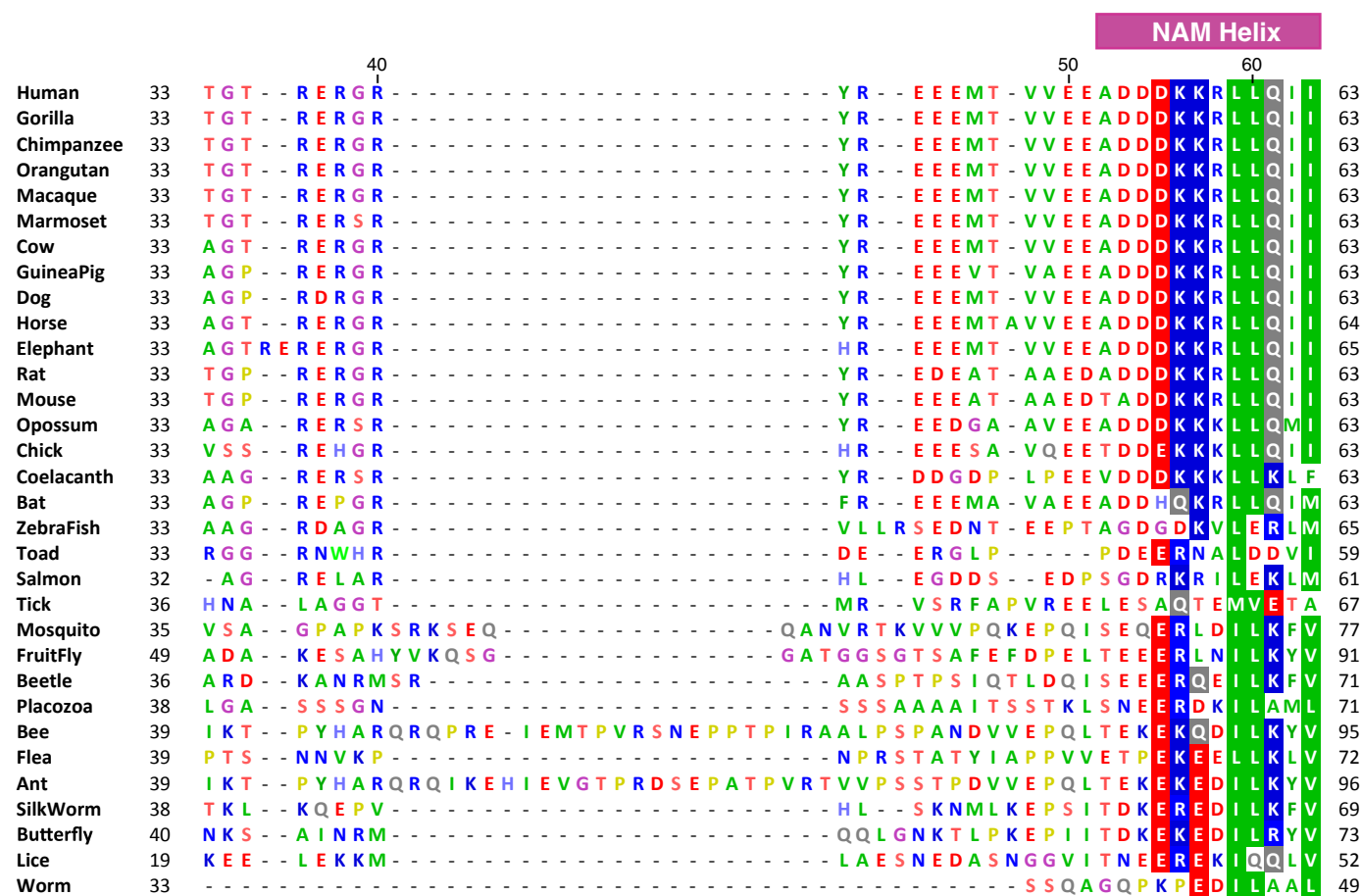
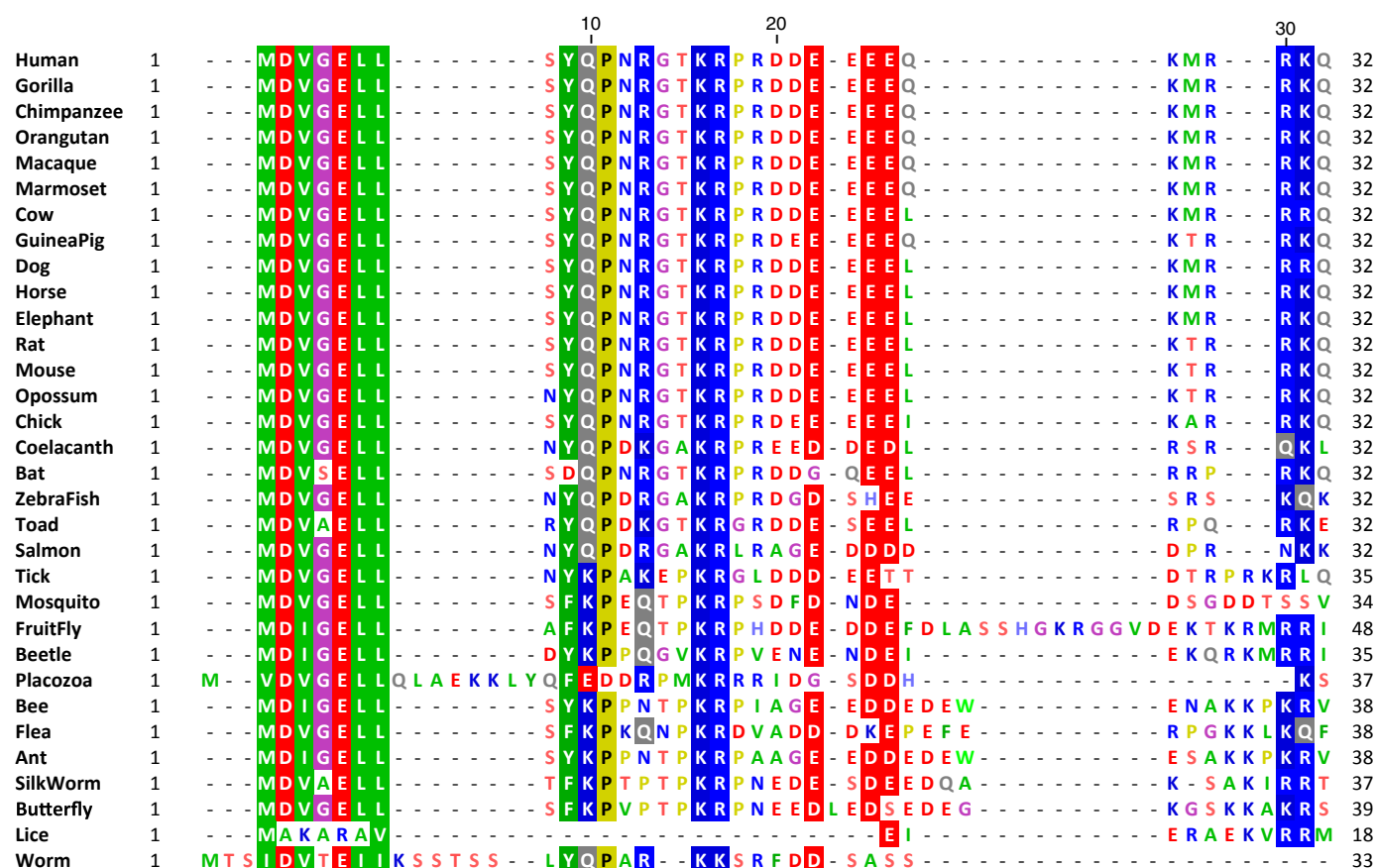


Supplementary Figure 1: Sequence alignment of CTNNB1 from diverse animal species. Numbering and secondary structures for human CTNNB1 are shown on top of the alignment. NAM, NTD, ARM, CTD stand for the N-terminal anchoring motif, N-terminal domain, ARM domain, and C-terminal domain respectively. Residues are color-coded based on properties. The highly conserved residues (80% or more) are highlighted by background coloring.





		ARM2 H1								ARM2 H2								ARM2 H3																																													
		180				190				200				210				220				230																																									
Human	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Gorilla	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Chimpanzee	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Orangutan	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Macaque	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Marmoset	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Cow	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
GuineaPig	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	R	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Dog	177	S	E	E	G	A	E	V	L	I	D	A	L	K	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	236		
Horse	178	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	235	
Elephant	179	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	V	C	A	236	
Rat	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	R	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Mouse	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	R	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	234	
Opossum	182	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	D	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	239	
Chick	178	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	E	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	235	
Coelacanth	175	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	E	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	E	M	C	T	232	
Bat	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	E	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	G	R	E	E	A	Q	G	V	H	N	T	L	A	I	V	E	N	M	A	E	F	R	P	Q	L	C	T	234	
ZebraFish	177	S	E	E	G	A	E	V	L	I	D	A	L	-	-	V	E	G	Q	V	V	A	L	M	V	Q	N	M	E	R	L	D	E	T	V	K	E	E	A	D	G	V	Y	N	T	L	A	V	I	E	N	M	A	E	F	R	P	G	L	C	T	234	
Toad	169	S	E	E	G	A	Q	V	L	I	D	A	L	-	-	V	E	G	Q	V	V	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	S	D	G	V	H	N	T	L	A	I	E	N	M	T	E	F	R	P	E	I	C	S	226		
Salmon	175	S	E	E	G	A	E	V	L	I	D	S	L	-	-	V	E	G	Q	V	V	A	L	L	V	Q	N	M	E	R	L	D	E	Q	V	K	E	E	A	D	G	V	Y	N	T	L	A	I	E	N	M	A	E	F	K	P	G	L	C	T	232		
Tick	179	S	E	G	E	A	D	M	L	I	D	A	L	-	-	V	I	D	G	Q	V	A	L	L	V	Q	N	L	D	R	L	D	E	T	I	K	E	E	A	E	G	V	H	N	T	L	A	I	E	N	L	T	E	F	R	P	D	L	S	V	236		
Mosquito	188	S	L	E	G	A	E	T	L	I	E	A	L	-	-	V	R	N	Q	Q	A	A	G	L	L	V	Q	N	L	E	K	L	D	E	G	V	K	E	E	A	D	G	V	H	N	T	M	A	I	E	N	L	M	E	T	K	S	E	I	A	K	245	
FruitFly	201	S	Q	E	G	A	E	S	L	I	E	A	L	-	-	V	R	K	E	Q	I	C	A	L	L	V	Q	N	L	E	R	L	N	E	Q	V	K	E	E	A	D	G	V	H	N	T	L	A	I	V	E	N	L	T	E	I	D	S	E	F	V	K	258
Beetle	181	S	E	E	G	A	E	A	L	I	D	A	L	-	-	V	L	D	H	Q	V	I	A	L	L	V	Q	N	L	D	R	L	D	E	K	V	K	E	E	A	D	G	V	H	N	S	L	I	E	N	L	T	E	L	R	N	D	I	C	N	238		
Placozoa	180	S	H	E	G	A	V	A	L	I	D	V	L	-	-	V	E	N	Q	I	V	T	L	L	I	Q	N	I	E	R	L	N	D	S	I	R	E	E	A	D	G	V	H	N	T	L	A	I	E	N	L	T	E	F	K	P	E	L	S	T	237		
Bee	205	S	Q	E	G	A	D	T	L	I	D	A	L	-	-	V	L	E	Q	Q	V	C	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	S	D	G	V	Y	N	T	L	A	I	F	E	N	L	T	E	F	R	P	E	L	C	A	262
Flea	181	S	Q	D	E	A	A	I	L	I	D	A	L	-	-	V	L	D	Q	I	C	A	L	L	V	H	N	L	E	R	L	N	E	A	Q	T	E	E	S	D	G	V	H	N	T	L	A	I	V	E	N	L	T	E	L	R	P	E	L	C	Q	238	
Ant	206	S	Q	E	G	A	D	T	L	I	D	A	L	-	-	V	L	E	Q	Q	V	C	A	L	L	V	Q	N	L	E	R	L	D	E	M	V	K	E	E	S	D	G	V	Y	N	T	L	A	I	F	E	N	L	L	E	F	R	P	D	L	C	T	263
SilkWorm	179	S	E	E	G	A	E	D	L	I	N	A	M	-	-	V	A	E	A	E	A	P	A	L	L	L	H	N	L	T	R	L	D	E	Q	V	P	D	E	R	D	A	V	H	N	T	L	G	I	D	N	I	T	E	F	R	P	E	L	C	I	236	
Butterfly	183	S	E	E	G	A	E	E	L	I	N	A	L	-	-	V	A	E	A	E	C	P	S	L	L	L	H	N	L	A	R	L	D	E	Q	V	P	D	E	R	D	A	V	H	N	T	L	G	I	E	N	I	T	E	F	R	P	E	M	C	V	240	
Lice	147	S	K	E	G	A	D	S	L	I	D	A	L	-	-	V	L	N	Q	Q	V	C	A	L	L	V	Q	N	L	E	R	L	D	E	S	V	K	E	E	A	E	G	V	H	N	T	L	A	I	F	E	N	L	T	E	F	R	P	Q	I	C	A	204
Worm	159	G	E	D	G	A	A	E	L	I	E	S	L	-	-	V	S	G	S	I	I	T	L	L	A	C	V	E	R	L	D	E	S	V	K	D	E	A	D	G	V	H	N	A	L	G	V	V	D	N	M	I	G	F	R	D	D	I	T	E	216		

		ARM3 H1				ARM3 H2				ARM3 H3				ARM4 H1				ARM4 H2																																												
		240				250				260				270				280				290																																								
Human	235	E	G	A	Q	Q	G	L	L	Q	W	L	L	K	R	L	K	A	K	M	-	P	F	D	A	N	K	L	Y	C	S	E	V	L	A	I	L	L	Q	D	N	D	E	N	R	E	L	L	G	E	-	L	D	G	I	D	V	L	L	Q	Q	292
Gorilla	235	E	G	A	Q	Q	G	L	L	Q	W	L	L	K	R	L	K	A	K	M	-	P	F	D	A	N	K	L	Y	C	S	E	V	L	A	I	L	L	Q	D	N	D	E	N	R	E	L	L	G	E	-	L	D	G	I	D	V	L	L	Q	Q	292
Chimpanzee	235	E	G	A	Q	Q	G	L	L	Q	W	L	L	K	R	L	K	A	K	M	-	P	F	D	A	N	K	L	Y	C	S	E	V	L	A	I	L	L	Q	D	N	D	E	N	R	E	L	L	G	E	-	L	D	G	I	D	V	L	L	Q	Q	292
Orangutan	235	E	G	A	Q	Q	G	L	L	Q	W	L	L	K	R	L	K	A	K	M	-	P	F	D	A	N	K	L	Y	C	S	E	V	L	A	I	L	L	Q	D	N	D	E	N	R	E	L	L	G	E	-	L	D	G	I	D	V	L	L	Q	Q	292
Macaque	235	D	G	A	Q	Q	G	L	L</																																																					

		ARM4 H3										ARM5 H1										ARM5 H2																																								
		300		310		320		330		340		350																																																		
Human	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Gorilla	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Chimpanzee	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Orangutan	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Macaque	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Marmoset	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Cow	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
GuineaPig	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Dog	295	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	353
Horse	294	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	352
Elephant	295	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	353
Rat	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	A	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	351
Mouse	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	A	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	V	S	R	S	351
Opossum	298	L	S	V	F	K	R	H	N	P	G	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	356
Chick	294	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	S	L	C	S	C	L	M	L	-	S	S	N	R	D	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	I	S	R	S	352
Coelacanth	291	L	S	V	F	K	R	H	N	P	N	T	A	E	E	Q	E	M	M	E	N	L	F	D	C	L	C	S	C	L	M	L	-	S	S	N	R	D	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	A	349
Bat	293	L	S	V	F	K	R	H	N	P	H	T	A	E	E	Q	E	M	M	E	N	L	F	D	T	L	C	S	C	L	M	L	-	S	S	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	A	K	K	T	S	R	S	351
ZebraFish	293	L	S	V	F	K	R	H	N	P	S	T	A	E	E	Q	E	M	M	E	N	L	F	D	A	L	C	S	C	L	M	L	-	P	A	N	R	D	R	F	L	R	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	V	351
Toad	285	L	S	V	F	K	R	H	N	P	G	T	A	E	E	Q	E	M	M	E	N	L	F	D	A	L	C	S	C	L	M	L	-	G	S	N	R	D	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	C	343
Salmon	291	L	S	V	F	K	R	H	N	P	A	T	A	E	E	Q	E	M	M	E	N	L	F	D	A	L	C	S	C	L	M	L	-	A	A	N	R	D	R	F	L	R	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	T	349
Tick	295	L	S	V	F	K	R	H	N	P	S	S	D	E	E	Q	E	M	M	E	N	L	F	G	A	L	C	S	S	L	M	C	-	A	P	N	R	E	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	S	353
Mosquito	304	L	A	Y	F	K	R	H	D	P	T	S	T	E	E	Q	E	F	M	E	N	L	F	N	S	L	C	S	A	L	M	A	-	A	E	N	R	E	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	L	S	R	N	362	
FruitFly	317	L	A	V	Y	K	R	H	D	P	A	S	N	E	E	Q	E	Y	M	Q	N	L	F	N	C	L	C	S	A	L	M	A	-	R	E	N	R	D	R	F	L	S	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	N	375
Beetle	297	L	A	F	Y	K	R	H	D	P	S	S	A	E	E	H	E	L	M	E	N	L	F	N	C	L	C	S	A	L	M	I	-	V	S	N	R	D	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	T	S	R	N	355
Placozoa	297	L	S	V	Y	K	R	D	P	T	T	A	D	E	I	E	M	L	E	N	L	F	D	C	L	C	S	S	L	M	Q	C	P	G	N	C	E	R	F	L	R	G	E	G	L	Q	L	M	I	L	M	L	R	S	K	K	L	S	S	K	356	
Bee	321	L	A	Y	Y	K	R	H	D	P	Q	T	A	E	E	Q	E	M	M	E	N	L	F	N	V	L	C	S	S	L	M	A	-	T	V	N	R	D	R	F	L	R	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	N	379
Flea	297	L	A	I	F	K	R	H	D	P	K	T	G	E	E	Q	E	M	M	E	N	L	F	D	C	V	C	S	S	L	I	H	-	V	P	N	R	D	R	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	N	355
Ant	322	L	A	Y	Y	K	R	H	D	P	Q	T	A	E	E	Q	E	M	M	E	N	L	F	N	V	L	C	S	S	L	M	A	-	T	V	N	R	D	R	F	L	R	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	N	380
SilkWorm	295	L	A	F	Y	K	R	H	D	P	S	G	A	E	E	Q	E	A	M	E	N	M	F	D	S	L	C	C	A	L	M	E	-	P	S	N	R	D	R	F	L	R	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	N	353
Butterfly	296	N	V	F	Y	K	R	H	D	P	S	S	A	E	E	Q	E	A	M	E	N	M	F	D	S	L	C	C	A	L	M	E	-	P	L	N	R	D	R	F	L	R	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	M	S	R	N	354
Lice	263	L	A	Y	Y	K	R	H	D	P	A	S	T	E	E	Q	E	M	M	E	N	L	F	N	C	L	C	S	C	L	M	F	-	H	P	N	K	D	K	F	L	K	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	L	S	R	N	321
Worm	276	I	A	V	Y	K	K	N	D	P	A	N	V	D	E	R	E	Y	M	E	N	L	F	N	S	L	C	A	A	L	M	H	-	P	A	N	R	K	K	F	L	D	G	E	G	L	Q	L	M	N	L	M	L	R	E	K	K	Q	A	R	Q	334

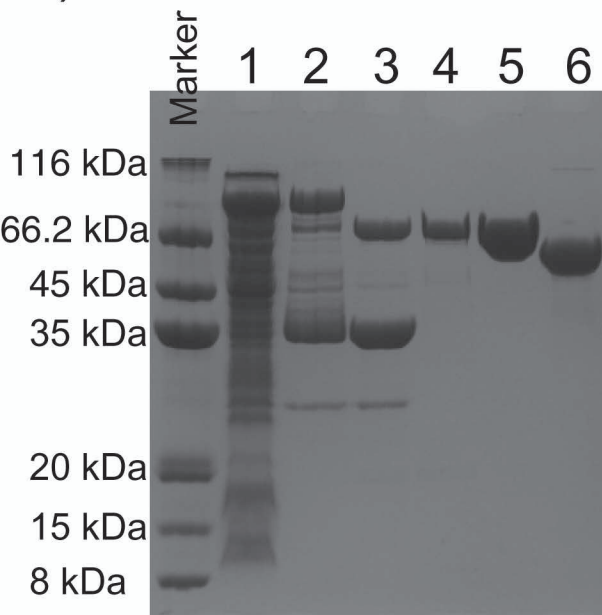
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		360		370		380		390		400		410																																																	
Human	352	S	A	L	K	V	L	D	H	A	M	I	G	P	E	G	T	D	N	C	H	K	F	V	D	I	L	G	L	R	T	I	F	P	L	F	M	K	S	P	R	K	I	K	K	V	G	T	T	E	K	E	H	E	H	V	C	S	I	L	411
Gorilla	352	S	A	L	K	V	L	D	H	A	M	I	G	P	E	G	T	D	N	C	H	K	F	V	D	I	L	G	L	R	T	I	F	P	L	F	M	K	S	P	R	K	I	K	K	V	G	T	T	E	K	E	H	E	H	V	C	S	I	L	411
Chimpanzee	352	S	A	L	K	V	L	D	H	A	M	I	G	P	E	G	T	D	N	C	H	K	F	V	D	I	L	G	L	R	T	I	F	P	L	F	M	K	S	P	R	K	I	K	K	V	G	T	T	E	K	E	H	E	H	V	C	S	I	L	411
Orangutan	352	S	A	L	K	V	L	D	H	A	M	I	G	P	E	G	T	D	N	C	H	K	F	V	D	I	L	G	L	R	T	I	F	P	L	F	M	K	S	P	R	K	I	K	K	V	G	T	T	E	K	E	H	E	H	V	C	S	I	L	411
Macaque																																																													





Figure S2: **a)** Preparation of the full-length CTNNBL1 and CTNNBL1<sup>SF</sup> protein samples. Lane 1: overexpressed full-length CTNNBL1 in the supernatant; lane 2: full-length CTNNBL1 after purification by NTA resin; lane 3: full-length CTNNBL1 after the fusion tag was cleaved by HRV 3C protease; lane 4: full-length CTNNBL1 after the fusion tag was separated from the target protein; lane 5: pure full-length CTNNBL1 after purification by SP-Seharose chromatography; lane 6: pure CTNNBL1<sup>SF</sup> after purification by SP-Seharose chromatography. **b)** Verifying the presence of full-length protein in crystals. Lane 1: full-length CTNNBL1 before crystallization; lane 2: protein sample from washed and re-dissolved crystals.

a)



b)

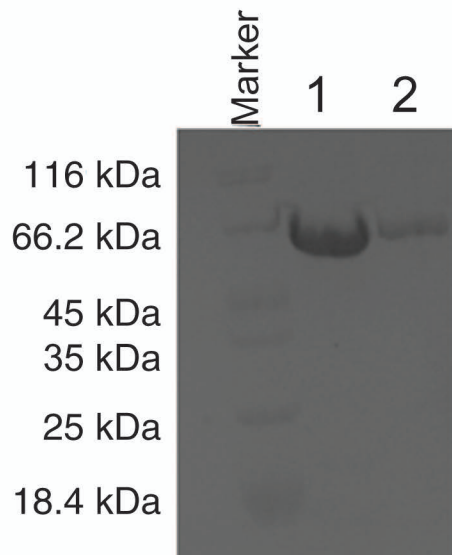


Figure S3: Superimposition of the structures of full-length CTNNB1 (red) and CTNNB1<sup>SF</sup> (blue). NAM, N-terminal anchoring motif; NTD, N-terminal domain; ARM, armadillo domain; CTD, C-terminal domain. The numbers 1-6 indicate the six ARM repeats within the ARM domain.

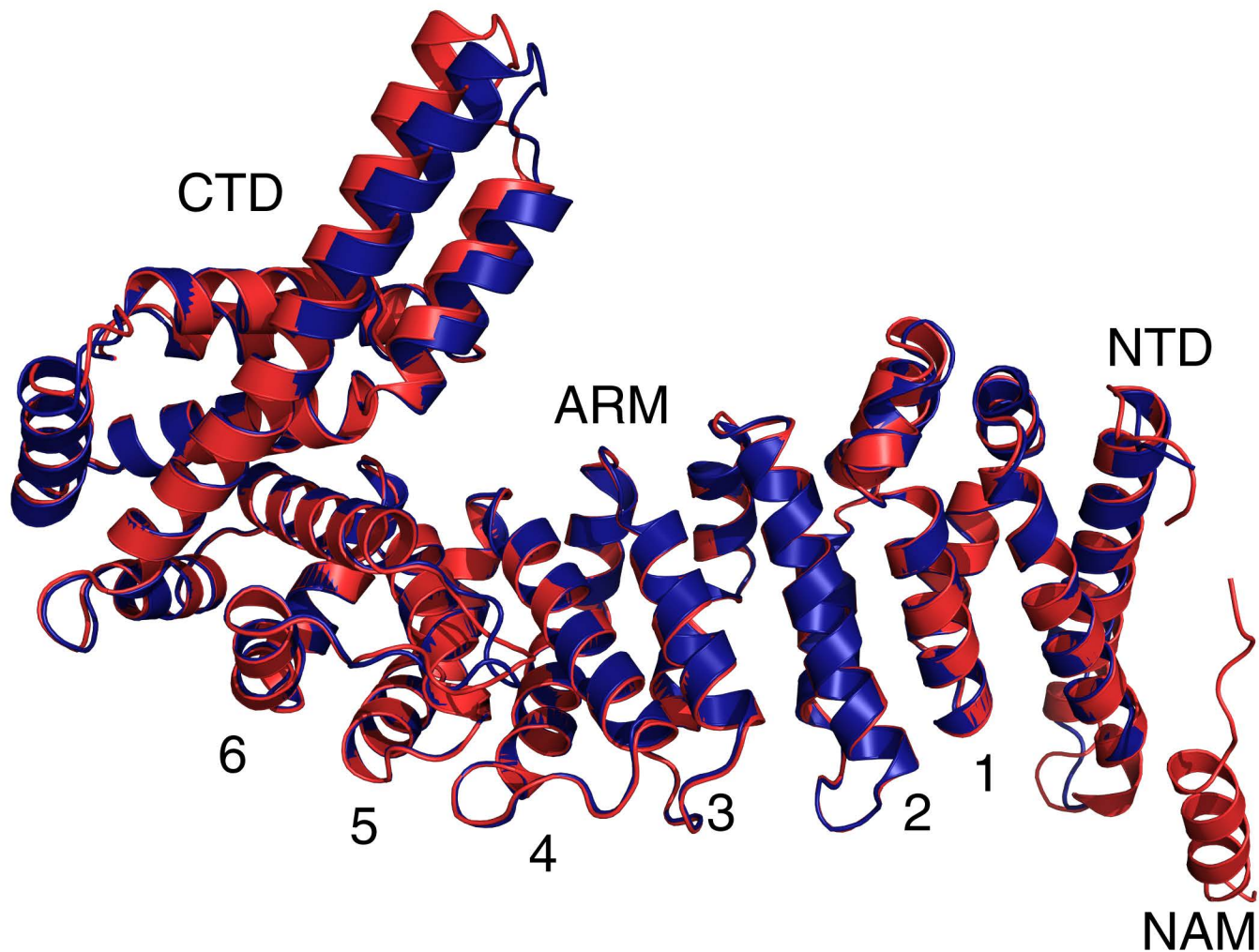




Figure S4: Comparison of the structures of CTNNB1 and p115 (pdb code 2W3C).

