

Online Resource 6. Alignment of PrP residues 170-230 (Human PrP numbering) in mammalian species listed in the National Center for Biotechnology Information (NCBI) Conserved Domains Database. Residues with 100% sequence identity are shaded in grey.

	170	190	202	230	
gi 190518	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCITQYERESQAYYQ	-RGS Human
gi 62900675	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQTESQAYYQ	-RGA Nilgai antelope
gi 730409	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQRESEAYYQ	-RGA Greater Kudu
gi 171473240	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKIMERMVEQMCVTOYQREYQAAAYQ	-RGS Small-eared galago
gi 53801347	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQRESQAYYQ	-RGA Red deer
gi 169245352	SNQNNFVHDCVNI	-TVRQHTV	TTTTKGFNFTETD	MKIMERVVEQMCVTOYQKSEAYYQ	-RGA Cheetah
gi 169245370	SNQNNFVHDCVNI	-TVRQHTV	TTTTKGFNFTETD	MKIMERVVEQMCVTOYQKAEAYYQ	-RGA Lynx bobcat
gi 730386	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCITQYQEKESQAYYQ	-RGS Red-bellied titi
gi 169245376	SNQNNFVHDCVNI	-TVRQHTV	TTTTKGFNFTETD	MKIMERVVEQMCVTOYQKSEAYYQ	-RGA Clouded leopard
gi 74475859	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQRESEAYYQ	-RGA Sheep
gi 27733818	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	IKIMERVVEQMCITQYQQEARASY	--YSS Large tree shrew
gi 6981410	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	Norway rat
gi 169245362	SNQNNFVHDCVNI	-TVRQHTV	TTTTKGFNFTETD	MKIMERVVEQMCVTOYQKSEAYYQ	-RGA domestic cat
gi 130913	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	IKIMERVVEQMCITQYQKESQAYYDgRRS	Golden hamster
gi 18033741	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	European wood mouse
gi 3183140	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	Chinese hamster
gi 3183139	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	Armenian hamster
gi 119489920	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	IKIMERVVEQMCITQYQKESQAYYDgRRS	Golden hamster
gi 258640099	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYE	-GRS Southern red-backed vole
gi 38154460	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCITQYQEKESQAYYQ	-RGS Rhesus monkey
gi 195957005	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	VKIMERVVEQMCITQYQKEYEAFQ	-RGA Przewalski horse
gi 149345731	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	Egyptian spiny mouse
gi 18033743	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYE	-GRS Bank vole
gi 149345710	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	Old field mouse
gi 171473201	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCVTOYQQEYQASYQ	-RAA American pika
gi 258640105	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYE	-GRY Meadow vole
gi 258640109	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	White-footed mouse
gi 258640107	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	North American deer mouse
gi 195973416	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCITQYQRESQAYYDgRRS	Siberian hamster
gi 195973414	NNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQRESQAYYDgRRS	Campbell's desert hamster
gi 4406467	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCVTOYQKESQAYYDgRRS	Mongolian gerbil
gi 195957017	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	VKIMERVVEQMCITQYQKEYEAFQ	-RGA Horse
gi 2213811	NNQNTFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQRESQAYYQ	-RGA Mule deer
gi 4406481	SNQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYRRESQAYYQ	-RGA Nyala antelope
gi 133874740	NNQNSFVHDCVNI	tVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQREYEAAYYQ	-RGA Rough-toothed dolphin
gi 133874750	NSQNSFVHDCVNI	tVKQHTV	TTTTKGFNFTETD	IKMMERVVEQMCITQYQREYQAYYQ	-RGA Fin whale
gi 133874738	NNQNSFVHDCVNI	tVKQHTV	TTTTKGFNFTETD	IKMMERVVEEMCTTQYQREYQAYYQ	-RGA Cuvier's beaked whale
gi 730387	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCITQYERESQAYYQ	-RGS Tufted capuchin
gi 1709776	SSQNNFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKIMERVVEQMCITQYQAEYEAQAQ	-RAY Common brushtailed possum
gi 730383	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKIMERVVEQMCITQYQEKESQAYYQ	-RGS Northern owl monkey
gi 55140672	SNQNNFVHDCVNI	-TIKQHTV	TTTTKGFNFTETD	VKMMERVVEQMCITQYQEKESQAYYQ	-RGS Black-and-red howler monkey
gi 119489942	SNQNSFVHDCVNI	-TVKQHTV	TTTTKGFNFTETD	IKIMERVVEQMCITQYQQESQAYYQ	-RAA Rabbit