

Val999					
sp	P53131	PRP43_YEAST	KKRSGAKGYITVKDNQDVLHPSTVLGH-DAEWVIYNEFVLTSKNYIRTVTS	V	715
tr	B8JLP0	B8JLP0_DANRE	----WRNAYKTPLDDPVFIHPSSALHKTLP	EFVVYQEIMETTKMYMRGVC	993
tr	H0VXV8	H0VXV8_CAVPO	----WRNAYKTPLDDPVFIHPSSVLFRELPEFVVYQEIVETTKLYMKGVS	A	1005
tr	Q5DTX1	Q5DTX1_MOUSE	----WKNAYKTPLDDPVFIHPSSVLFKELPEFVVYQEIVETTKMYMKGVS	T	781
sp	Q8IY37	DHX37_HUMAN	----WRNAYKTPLDDPVFIHPSSVLFKELPEFVVYQEIVETTKMYMKGVS	S	1001
tr	A0A2I3RKE8	A0A2I3RKE8_PANTR	----WRNAYKTPLDDPVFIHPSSVLFKELPEFVVYQEIVETTKMYMKGVS	S	999

Figure S1. Alignment of the sequence region containing the Val999 residue using Clustal Omega software (<https://www.ebi.ac.uk/Tools/msa/clustalo/>) with five other species: yeast, mouse, chimpanzee, zebrafish, and pig. The amino acid Val999 is conserved across all the species.