

	p.L3617P	p.S3693L p.C3694R	p.Q4216H	p.R4228P
	↓	↓↓	↓	↓
Human	ALYFSLVAKRLHPDE	LLASYGDASCHGH--	EPEPSRLQAVFEALL	LLTQFDRLNQATEDV
<i>Canis familiaris</i>	ALYFSLVAKRLHPDE	LLANHGDASCHNH--	EPEPSRLQAVFEALL	LLTQFDRLNQATEDV
<i>Mus musculus</i>	ALYFSLVAKRLHPDE	LLANYGDASCHGH--	EPEPSRLHAVFESLL	LLVQFDRLNQATEDV
<i>Gallus gallus</i>	ALYFSLVAKRLHPDE	LLTNYGDATRNSR--	DADLQRLLSLFEMLL	LLAQFDRVNQVTEDV
<i>Xenopus laevis</i>	ALYFALVVKRLHPDE	LITNYGEAPKNNN--	-----	-----
<i>Takifugu rubripes</i>	AVYYAVYVRRLRPED	LLLNYSDDSDKDAH--	EASLRRLPTLDALL	LLQQLDRTVTATL
Amphioxus	ALFLASISKPTNHDD	LIIFAFNDNDLNTYRM	EYLLDRLTPTVDAVL	VLSTFDRLRHVDDD
Echinoid	AAFSAVIWKKHEDDD	LEVAHFQRPNNY--	-----	-----
Sea anemone	GSSLFQCSTMLN---	LNDAYEDVNTNTD--	-----	-----
Placozoa	AFIFALIVRRPDLGV	ILICYGNRDSNAYYQ	HRRYTIVQNQLDDIL	ILVCVNRINAKRK--