



Human	DSPG P CGKLTVSRVTQEKCTLAWSLPQEDGGAEITHYIVERRETSRLNWWVIVEGECPTLSYVVTRLIKNNEYIFRVRAVNKYGP G VPVESEPIVARNST
Rhesus	DSPG P CGKLTVSRVTEEKCTLAWSLPQEDGGAEITHYIVERRETSRLNWWVIVEGECPTLSYVVTRLIKNNEYIFRVRAVNKYGP G VPVESEPIVARNST
Mouse	DSPG P CGKLTVSRVTEEKCTLAWSLPQEDGGAEITHYIVERRETSRLNWWVIVEGECITASYVVTRLIKNNEYTFRVRAVNKYGP G VPVESEPIVARNST
Dog	DSPG P CGKLTVSRITEEKCTLAWSLPQEDGGAEITHYIVERRETSRLNWWVIVEAECPTLSCVTRLIKNNEYIFRVRAVNKYGP G VPVESEPIVARNST
Elephant	DSPG P CGKLTVSRVTEEKCTLAWSLPQEDGGAEITHYIVERRETSRLNWWIVEDECPTLSCVTRMIKNNEYVFRVKAVNKY G PGVPIESEPIVARNST
Opossum	DSPG P CGNLTISRVTEEKCTLAWTLPKEDGGAEITHYIVERRETSRLNWWIVEGECPTLSCVTRLIKNNEYIFRVRAVNKYGP G VPVESGPIIARNST
Chicken	DSPG P CGKITVSRITEEKCTLAWNIPEDGGAQITHYIVERRETSRLHWVIVEAECQTLSCVTKLIKNNEYIFRVRGVNKYGP G VPLETEPIIARNAFT
X.Tropicalis	DTPG P CDKITISRITEEKCTLSWKLPQEDGGAAISHYIVERRETSRLNVAI VDPECPTLSCNVTRLIKNNEYIFRLRAVNKYGP G VPLESEPIVARNST
Zebrafish	DTPG P GTITISRVTDEKCTVSWKIPLDGGDHVSHYIVERRETSRLNWWIMETECKTLSCVSTKLIKNNNEYIFRVRGVNKYGP G VPLESEAIARNAYT

p.Cys30071Arg

p.Gly30150Asp