

MSFLSRQQPPPPRRAGAACTLRQKLIFSPCSDCEEEEEEEEEEGSGHSTG 50
 ++++++

ED**S**AFQEPDSPLPPARSPTEPGPERRRSPGPAPGSPGELEEDLLLPGACP 100
 ++++++ + ++++++

GADEAGGGAEGDSWEEEGFGSS**S**PVKSPAAPYFLGSSFSPVRCGGPGDAS 150
 ++++++

PRGCGARRAGEGRRSPRPDHPGTPPHKTFRKLRLFDTPHTPKSLLSKARG 200

IDSSSVKLRGSSLFMDTEKSGKREFDVRQTPQVNINPFTPDSLLLHSSGQ 250

CRRRKRTYWNDSCGEDMEASDYELEDETRPAKRITITESNMKSRYTTEFH 300

ELEKIGSGEFGSVFKCVKRLDGCYAIKRSSKPLAGSVDEQNALREVYAH 350

AVLGQHSHVVRYFSAWAEDDHMLIQNEYCNGGSLADAISENYRIMSYFKE 400

AELKDLLLQVGRGLRYIHMSLVHMDIKPSNIFISRTSIPNAASEEGDED 450
 ++++++

DWASNKVMFKIGDLGHVTR**SS**PQVEEGD**S**R**F**LANEVLQENYTHLPKADI 500
 ++++++ -----

FALALTVVCAAGAEPLPRNGDQWHEIRQGRLPRIPQVLSQEFTELLKVM 550

HPDPERRPSAMALVKHSVLLSASRKSAEQLRIELNAEKFKNSLLQKELKK 600

AQMAKAAAEERALFTDRMATRSTTQSNRTSRLIGKKMNRSVSLTIY 646

Supplemental Figure S6