

UniprotKB ID	Entry name	organism	full name	oglcnaescore	oglcnaesites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	golgi apparatus	plasma membrane	extracell region
Q9Z1Q9	SYVC_MOUSE	Mus musculus	Valine-tRNA ligase	40.476303	NaN	S436;S526	22645316;24788674;34887587;29125738;37453647;39627609	MSILYVSPHPDAFPSLRALIAARYGE AGDGPWGPGPHPRICLQPPSSRTP FPPRLPALEQGPGLVWVGAPAVA QLLWPAGLGGPGGSRAAVLVQQWV SYADTELIPAACGATLPAALGRGPGQ DPQAALGALGKALNPLEDWLRRLHTY LAGDAPTLADLAAVTALLPFRYVLD PSARRIWGNVTRWFNTCVRQPEFRA VLGEVALYSGARSVTQQPGSEVIAPQ KTPAQLKKEAKKREKLEKQKQKKT QQPPHGEKPKPEKKEKRDGPVIT YDLPTPPGEKKDVSAMPDSYSPQY VEAAWYPWWERQGFCKPEYGRPSV SAPNPRGVFMMCIPPPVTGSLHLG HALTNAIQDSLTRWHRMRGETTLW NPGCDHAGIATQVVVEKKLWKERGL NRHQLGREAFLEEVWKKWAEKGD IYHQLKLGSSLDWDRACFTMDPKL SATVTEAFVRLHEEGVIYRSTRLVN WSCITLNSAISDIEVDKKEKELTGRLLP VPGYKEKVEFGVLSFAYKVGQSDS DEEVVATRIETMLGDVAVAVHPK DPRYQHLKGCVVHPFLSRSLPIVFD DFVDMEFGTGAVKITPAHDQNDYEV GQRHRLEAISIMDSKALINVPFPL GLPRFEARKAVLAALKERGLFRGVK DNPMMVPLCNRSKDVVEPLLRPQW YVRCGEMAAQASAAVTRGDLRILPE AHORTWHSWMDNIRDWCISRQLW WGHRIPAYFITVHDPVPPGEDPDG RYWVSGRTEAEAREKAAREFGVSPD KISLQDQEDVLDTWFSGLFPFSIFG WPNQSEDLVFPYPTLLETGHDILF FWVARMVMLGLKLTGKLPFREVYL HAIVRDAHGRKMSKSLGNVIDPLDV IHGVSLOGLYDQLLNSNLDPSEVEK AKEGQKADFPAGIPECGTDALRFGL CAYTSQGRDINLDVNRILGYRHFNC KLWNATKFALRGLGKGFVPSATSKP EGHESLVDWRWIRLRLTEAVRLSNEG FQAYDFPAITTAQYSFWLYELCDVYL ECLKPVLNGVDQVAECARQTLTYC LDVGLRLLSPFMPFVTEELFQRLPR RTPKAPASLCVTPYPEPSECSWKDPE AEAALALALITRAVRSRLRADYNLTR TRPDCFLEVADEATGALASAVSGYV QALASAGVAVLALGAPAPQGCABA VASDRCSIHLQLQLGLVDPARELGKL QAKRSEAQRQAORLQERRAASSYSA KVPLEVQEADEAKLQQTAEALRKVD EAIALFQKML	True	False	3.466	2.111	4.452	1.533	0.802	1.371	1.252