

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P15389	SCN5A_RAT	Rattus norvegicus	Sodium channel protein type 5 subunit alpha	11.037634	NaN	S37;T39;S458;S461;S484;S485;T487;S498;S511;S540;S572;S665;S668;S1505	29530619	MANLLLPRGTSSFRFRFTRESLAAIEK RMAEKQARGGSATSQESREGLQEE EAPRPQLDLQASKKLPDLYGNPPRE LIGEPLEDLDPFYSTQKTFIVLNKGG TIFRFSATNALYVLSPFHPVRRRAAVKI LVHSLFSMLIMCTILTNCVFMAQHD PPPWTKYVEYTFITAIYTFESLVKILAR GFCLHAFTFLRDPWNWLDVSVIVM AYTTEFVDLGNVSALRTFRVLRALKT ISVISGLKTIVGALIQSVKKLADVMVL TVFCLSVFALIGLQLFMGNLRHKCV RNFTELNGTNGSVEADGLVWNSLD VYLNDPANYLLKNGTTDVLCCGNSS DAGTCPEGYRCLKAGENPDHGYTSF DSFAWAFLALFRLMTQDCWERLYQ QTLRSAGKIYMIFFMLVIFLGSFYLV NLILAVVAMAYEEQNQATIAETEEKE KRFQEAMEMLKKEHEALTIRGVDTV SRSSLEMSPLAPVTNHERKSKRRKR LSSGTEDGGDDRLPKSDESDGPRAL NQLSLTHGLSRTSMRPRSSRGSIFT FRRRDQSEADFADDENSTAGESES HRTSLLVPWPLRHPSAQGPQPGAS APGYVLNGKRNSTVDCNGVVSLGA GDAEATSPGSYLLRPMVLDLDRPPDTT TPSEEPGGPQMLTPQAPCADGFEEP GARQRALSAVSVLTSALEELEESH KCPPCWNRFQHYLIWECCPLWMS IKQKVKFVVMDFADLTITMCIVLNT LFMALEHYNMTAEFEEMLQVGNLV FTGIFTAEMTFKIALDPYFFQOQGW NIFDSIIVILSLMELGLSRMGNLSVL RSFRLLRVFKLAKSWPTLNTLIKIIG NSVGALGNLTLVLAIVFIFAVVGMQ LFGKNYSELRHRISDSGLLPRWHM MDFFHAFILIFRILCGEWIETMWDC MEVSGQSLCLLVFLLVMVIGNLVVL NLFLALLLSSFSADNLTAPDEDGEM NNLQLALARIQRGLRFVKRTTWDFC CGILRRRPKKPAALATHSQLPSCITA PRSPPPPEVEKVPARKETRFEEEDKR PGQGTGPDSEPCVPIAVAESDTE QEEDENSLGTEEESSKQESQVVS GHEPYQEPRAWSQVSETTSSEAGAS TSQADWQQEQKTEPQAPGCGETPE DSYSEGSTADMTNTADLLEQIPDLG EDVKDPEDCFTEGCVRRCPCCMVD TTQSPGKVVWRLRKTCTYRIVEHSWF ETFIIFMILLSSGALAFEDIYLEERKTI

KVLLLEYADKMFTYVVFVLEMLLKWVA
YGFKKYFTNAWCWLDLFLIVDVSLVS
LVANTLGFAEMGPIKSLRTLRLRPL
RALSRFEGMRVVVNALVGAIPSIMN
VLLVCLIFWLIFSIMGVNLFAGKFGR
CINQTEGDLPLNYTIVNNKSECESF
NVTGELYWTKVKVNFNDNVGAGYLAL
LQVATFKGWMDIMYAAVDSRGYEE
QPQWEDNLYMYIYFVVFIIFGSFFTL
NLFIVIIDNFNQKKKLGQDIFMT
EEQKKYYNAMKKLGSKKPQKPIPRP
LNKYQGFIFDIVTKQAFDVTIMFLICL
NMVTMMVETDDQSPEKVNILAKIN
LLFVAIFTGECIVKMAALRHYYFTNS
WNIFDFVWVILSIVGTVLSDIHQKYFF
SPTLFRVIRLARIGRILRLIRGAKGIRT
LLFALMMSLPALFNIGLLLFLVMFIY
SIFGMANFAYVKWEAGIDDMFNFQ
TFANSMLCLFQITTSAGWDGLLSPIL
NTGPPYCDPNLPNSNGSRGNCGSP
AVGILFFTTYIIISFLIVVNMYIAIILEN
FSVATEESTEPLSEDDFDMFYEIWE
KFDPEATQFIEYLALSDFADALSEPL
RIAKPNQISLINMDLPMVSGDRIHC
MDILFAFTKRVLGESGEMDALKIQM
EEKFMAANPSKISYEPITTTLRRKHE
EVSATVIQRAFRRHLLQRSVKHASFL
FRQQAGGSGLSDEDAPEREGLIAYM
MNGNFSRRSAPLSSSSISSTSFPPSY
DSVTRATSDNLPVRASDYSRSEDLA
DFPPSPDRDRESIV