

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	golgi apparatus
Q01320	TOP2A_MOUSE	Mus musculus	DNA topoisomerase 2-alpha	38.25171	NaN	S4;T281;S1105;S1211;T1245;S1291;S1293;S1295;S1298;T1323;S1328;S1333;T1350;S1370;S1373;S1384;S1388;S1465;S1467;S1470;S1472;S1521	22645316;39627609;34887587	MELSPLOPVNENMLMNKKKEDG KKRLSIERIYQKKTQLEHILLRPDTYI GSVELVTQQMWWYDEVDVGINYREV FVPGLYKIFDEILVNAADNKQRDPK MSCIRVTIDPENNVISIWNNKGGIPV VEHKVEKIYVPALIFGQLLTSSNYDD DEKKVTGGRNGYGAKLCNIFSTKFT VETASREYKMKFKQTMWMDNMGRA GDMELKPFSGEDYTCITFQPDLSKF KMQSLDKDIVALMVRRAIDYAGSTK DVKVFLNGNSLPVKGFRSYVDLYLK DKVDETGNSLKVIEHQVNPRWEVCL TMSERGFQQISFVNSIATSKGGRHV DYVADQIVSKLVDVVKKKNKGGVAV KAHQVKNHMWIFVNALIENPTFDS QTKENMTLQAKSFGSTCQLSEKFIK AAIGCGIVESILNWWKFAQIQLNKK CSAVKHTKIKGIPKLLDDANDAGSRN STECTLILTEGDSAKTLAVSGLGVVG RDKYGVFPLRGKILNVREASHKQIM ENAEINNIKIVGLQYKKNYEDEDSL KTLRYGKIMIMTDQDQDGSNIKGLLI NFIHNNWPSLLRHRFLEEFITPIVKV SKNKQEIAPYSLPEFEWKSSTPNH KKWKVYKGLGTSTSKAEKEYFAD MKRHRIQFKYSGPEDDAISLAFSCK QVDDRKEWLTNFMEDRRQRKLLGL PEDYLYQSTSYLTYNDFINKELLIFS NSDNERSIPSMVDGLKPGQRKVLFT CFKRNDKREVKVAQLAGSVAEMSSY HHGEMSLMMTIINLAQNFVGSNNL NLLQPIGQFGTRLHGGKDSASPRYIF TMLSPLARLLFPKDDHTLRFLYDD NORVEPEWYIPPIPMVINGAEGIGT GWSCKIPNFDVREVVNNIRLLDGE EPLPMLPSYKNFKGTIEELASNYVI NGEVAILDSTTIEISELPIRTWTQYK EQVLEPMLNGTEKTPSLITDYREYHT DTTVKFKVIMTEEKLAEAERVGLHK VFKLQSSLTCSNMVLFHDVGLCKKY DTVLDILRDFEFELRLKYYGLRKEWLL GMLGAESSKLNQARFILEKIDGKIV IENKPKKELIKVLIQRGYSDPVKAW KEAQKQVPDEEENEESDTETSTSDS AAEAGPTFNYYLLDMLPWLTKKKD ELCKQRNEKEQELNLTQKQSPSDL WKEDLAVFIEELEVVAEKQDEQV GLPGKAGKAKGKAQMCADVLPSPR GKRVIPOVTVMKAEAEKIRKIKKS ENVEGTPAEDGAEPGSLRQRIKKQ KKEPGAKKQTTLPFKPVKKGRKKNP WSDSESDVSSNESNVDPVPPRQKEQ RSAAAKAKFTVDLSDDEDVSGLDEK DEDEDLFLDPPKAKIPKNTKKA LKTQSSMSVVDLESVDKDSVPASP GVPAADFPAETEQSKPKKTVGVKK TATKSQSSVSTAGTKKRAAPKGTKSD SALSARVSEKPAKAKNSRKRKPS SDSSDSDFERAISKGATSKKAKGEE QDFPVDLEDTIAPRAKSDRARKPIKY LEESDDDDDLF	True	False	3.037	5.0	2.814	1.846	1.045