

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitoch
P11388	TOP2A_HUMAN	Homo sapiens	DNA topoisomerase 2-alpha	13.55726	S395;S654;S1374;S1423;S1471;S1488	S4;T282;S1106;T1205;S1213;T1244;S1247;S1295;S1297;S1299;S1302;T1327;S1332;S1337;T1343;S1351;S1354;S1374;S1377;S1387;S1391;S1392;S1393;S1449;S1469;T1470;S1471;S1474;S1476;S1495;S1504;S1525	30379171;32522876;35083852;33214551;33465208;34019948;32119511;34725712;28510447	MEVSPLOQPVNENMQVNKIKKNEDA KKRLSVERIYQKKTQLEHILLRPDTYI GSVELVTQQMWVYDDEVGINYREVT FVPGLYKIFDEILVNAADNKQRDPK MSCIRVITIDPENNLISIWNNNGKGPV VEHKVEKMYVPALIFGQLLTSNYD DDEKKVTGGRNGYGAKLCNIFSTKF TVETASREYKKMFKQTWMDNMGR AGEMELKPFNGEDYTCITFQPDLSK FKMQSLDKDIVALMVRRAYDIAGST KDVKVFNLGNKLPVKGFRSYVDMYL KDKLDETGNSLKVIEHQVNRHWEV CLTMSEKGFQQISFVNSIATSKGGR HVDYVADQIVTKLVDVVKKKNKGGV AVKAHQVKNHMWIFVNALIENPTF DSQTKENMTLQPKSFGSTCQLSEKF IKAAIGCGIVESILNWKFAQVQLN KKCSAVKHNRIGIPKLLDANDAGG RNSTECTLILTEGDSAKTLAVSGLGV VGRDKYGVFPLRGKILNVREASHKQI MENAIEINNIKIVGLQYKKNYEDSDS LKTLYRGKIMIMTDQDQDGSNIKGL LINFHHNWPSLLRHRFLEEFITPIV KVSKNKQEMAFYSLPEFEEWKSSTP NHKKWKVYYKGLGTSTSKAEKEYF ADMKRHRIQFKYSGPEDDAISLAF SKKQIDDRKEWLTNFMEDRRQRKL LGLPEDLYGQTTTYLTYNDFINKEL ILFNSNDNERSIPSMVDGLKPGQRK VLFTCFKRNDKREVKVAQLAGSVAE MSSYHHGEMSLMMTIINLAQNFVG SNNLNLLOPIGQFGTRLHGGKDSAS PRYIFTMLSSLARLLFPPKDDHTLKF LYDDNQRVPEPEWYIPIIPMVLINGAE GIGTGWCSCKIPNFDVREIVNIRRL MDGEEPLPMLPSYKNFKGTIEELAP NQYVISGEVAILNSTTIEISELPVRTW TQTYKEQVLEPMLNGTEKTPPLITDY REYHTDITVKFVVKMTEEKLAEEAER VGLHKVFKLQTSLTCNSMVLFDHV GCLKKYDVTLDILRDFEFELRLKYYGL RKEWLLGMLGAESAKLNNQARFILE KIDGKIHENKPKKELIKVLIQRGYDS DPVKAWKEAQKVPDEEENEESDN EKETEKSDSVTDSGPTFNLYLDMPL WYLTKEKKDELRLRNEKEQELDTL KRKSPDLWKEDLATFIELEAVEAK EKQDEQVGLPGKGGKAKGKKTOMA EVLPSPRGQRVIPRITIEKAEAEKK NKKKIKNENTEGSPQEDGVELEGLK QRLEKKQKREPGETKTKKQTTLAFKPI KKGKRNPSWSDSEDRSSDESDFD VPPRETEPRRAATKTKFTMDLDSDE DFSDFDEKTDDEDFVPSDASPPKTK TSPKLSNKKELPKQKSVVSDLEADDV KGSVPLSSPPATHFPDETEITNPVP KKNVTVKKTAAKSQSSTSTTGAKKR AAPKGTKRDPALNSGVSQKPPAKT KNRRKRKPSSTDDSDSNFEKIVSKA VTSKKSAGESDDFHMDFD SAVAPRA KSVRAKPKIYLESEDEDDLF	True	False	3.105	5.0	2.844