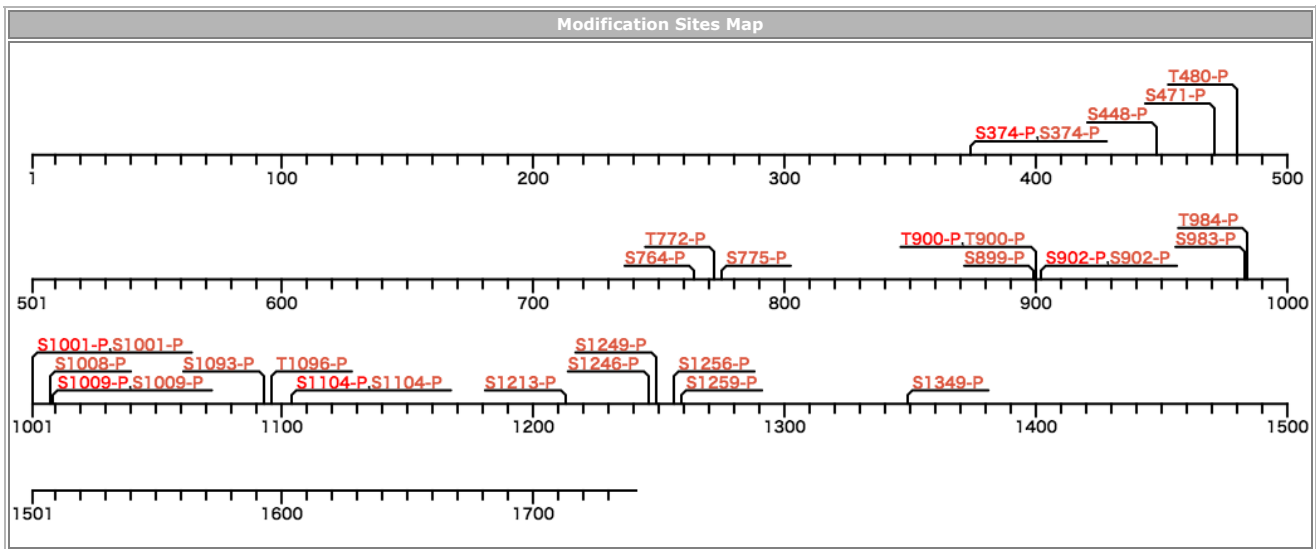


ID	Accession	GeneName	Chr.No.	Description	
DOT1L_HUMAN	Q8TEK3	DOT1L	19p13.3	2164148..2232577	Histone-lysine N-methyltransferase, H3 lysine-79 specific



Click a modification site to display the information in detail.

Site no	Amino acid	Type	Division	Detail
374	S	P	Lab	130415_HEK_CE_tphos.mgf[F015009]
374	S	P	Lab	110711_titania_LNcAP_AI_2.mgf[F017442]
374	S	P	Lab	110711_titania_LNcAP_4.mgf[F017436]
374	S	P	Lab	110711_titania_LNcAP_AI_1.mgf[F017441]
374	S	P	Paper	Sci Signal 2009, 2(84), ra46
374	S	P	Paper	Sci Signal 2011, 4(179), rs5

Protein Sequence	
MGEKLELRK SPVGAEPVY WPPLPVYDKH HDAAEHIET IRWVCEEIPD LKLAMENYVL IDYDTKSFES MQRLCDKYNR AIDSIHQLWK GTTQPMKLNTPSTGLLRHI LQQ VYNHSVT DPEKLNYP ESPEVYGETS FDLVAQMIDE IKMTDDDLFV DLGSGVGQVV LQVAAATNCK HHYGVKEDI PAKYAETMDR EFRKWMKWWY KKHAEYTLER GDFL SEEWRE RIANTSVIFV NNFAFGPEVD HQLKERFANM KEGGRIVSSK PFAPLNFRIN SRNLSDIGTI MRVVELSPLK GSVSWTGKPV SYLHTIDRT ILENYFSSLK NPKLREEQ EA ARRRQRESK SNAATPTKGP EGKVAGPADA PMD SGAEEEK AGAATVKKPS PSKARKKKLN KKGKRMAGRK RGRPKKMNTA NPERKPKKNQ TALDALHAQT VSQTAAS SPQ DAYRSPHSPF YQLPPSVQRH SPNPLLVAP T PPALQKLLS FKIYQLFLA YTKTPQYKAS LQELLGQEKE KNAQLLGAQA QLLSHCQAQK EEIRRLFQQK LDELGVKALT Y NDLIAQKE ISAHNQLRE QSEQLQDNR ALRGQSLQLL KARCEELQLD WATLSLEKLL KEQALKSQI SEKQRHCLL QISIVELEKS QRQELLQLK SCVPPDDALS LHLR GKALG RELEPDASRL HLELDCTKFS LPHLSSMSPE LSMNQAAAGY ELCGVLSRPS SKQNTQPQYLA SPLDQEVVPC TPSHVGRPR L EKL SGLAAPD YTRL SPAKIV LRRHLSQ DHT VPGRPAASEL HSRAHTKEN GLPYQSPSVP GSMKLSQDP RPLSPGALQL AGEKSSEKGL RERAYGSSGE LITSLPISIP LSTVQPNKLP VSIPLASVVL PSRAERAR ST P SPVLQPRDP SSTLEKQIGA NAHGAGSRSL ALAPAGFSYA GSVAISGALA GSPASLTPGA EPATLDESSS SGLFATVGS RSSTPQHPLL LAQPRNSLPA SPAHQLS SSP RLGG AAQGPL PEASKGDLPS DSGFSDPESE AKRRIVFTIT TGAGSAKQSP SSKHSPLTAS ARGDCVPSHG QDSRRRGRRK RASAGT PSL S AGV SPKRRAL PSVAGLFTQP SGSPLN LNSM VSNINQPLEI TAISSPETS L KSSPVYQDH DQPPVLKKEK PLSQTNGAHY SPLTSDEEPP SEDEPSSARI ERKIATISLE SKSPPKTLEN GGGLAGRKP A PAGEPVNSSK WKSTF SPISD IGLAK SAD SP LQASSALSQN SLFTFRPALE EPSADAKLAA HPRKGFPGSL SGADGLSPGT NPANGCTFGG GLAADLSLHS FSDGASLPHK GPEAAGLS SP LSF PSQRGKE GSDANPFLSK RQLDGLAGLK GEGSRGKEAG EGGLPLCGPT DKTPLLSGKA AKARDREVDL KNGHNLFISA AAVPPGSLLS GPGLAPAASS AGGAASSAQT HRFS LGPFPP GPQFALGPM S LQANLGSVAG SSVLQSLFSS VPAAAGLVHV SSAATRLTNS HAMGSFSGVA GGTVGGVVFN HAVPSASAHP FGARVGRGAA CGSATLGPSP LQAAA SASAS SFQAPASVET RPPPPPPPP PPLPPPAHLG RSPAGPPVLH APPPPNAALP PPPTLLASNP EPALLQSLAS LPPNQAF LPP TSAASLPPAN ASLSIKL TSL PHKGARPSFT VH HQLPRLA LAQAAPGIPQ ASATGPSAVV VSLGMPPPYA AHLSGVKPR	

Backcolor of amino acid : Yellow -> site of modification, gray -> in front of processing