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logo

P53  
CDKN2A

RB1

BRCA2

NF1

MLH1

logo

P53

CDKN2A

RB1

BRCA2

NF1  
MEX 11.4

MLH1

logo

P53

CDKN2A

RB1

BRCA2

NF1

MLH1

logo

P53

CDKN2A

RB1

BRCA2

NF1

MLH1

logo	HQFNKNESKALALYSITKEEEELFDLITSLQNYRSDQMMIRKSDRDSFYPGSYERETFALYLAETSTEARSTMEAVMRSYPTA	
P53	.....	99
CDKN2A	.....	38
RB1	.....STLKRVKDICYT.....	425
BRCA2	HQFNKNNSNQAVAVTFTKCEEEPLDLITSLQNAARDIQDMRIKKKQRQRVFPQPGS.....LYLAKTSTLPRISLKAAVGGQVPSA.....	2534
NF1	.....ETKQVLRSLSLTEFSLPKFYLLFGISKVKSAAVIAFRSSYRDRSFS.PGSYERETFALTSLETVTEALLEIMEACMRDIPT.....	2201
MLH1	.....EINEQGHEVLRREMLHNHSFV.....	531

logo	G.....KQYTSYCGCCLNS.....KNAESLPFAEDKLKESLWTGKGIGQLADGGWLIIPSDGKAGKEE	
P53	.....QKTYQGSYGFRGLGFLHS.....	116
CDKN2A	.....NAPNSYG.....	45
RB1	.....EKEKFAKAVGGGCVETGS.....QRYKLG.....	449
BRCA2	.....CSHKQLYTYGVSKHCTKINSKNAESFQFHTEDEYFGKESLWTGKGIGQLADGGWLIIPSDGKAGKEE.....	2599
NF1	.....CKWLDQWTELAQRFAQYN....PSLQPRALVVFG.....	2232
MLH1	.....G.....CVNPQWALAQHQTCLYLL.....	550

logo	FYRALCDTPGVDPKCLSRVWYNQYRLRLALMSCLKPEETYSQKPEEASIVAEFLAKYRYDTEIDRSRRSAFRIMAKNBYAAPDCEANFHYBRANTSETSSNLTSGID	
P53	.....GTAKSVTCTYSP.....ALNKMFCQLAKTCVPQLWVDS TP.....PPG..	154
CDKN2A	.....RRPIQVMMMG.....	55
RB1	.....VRLYYRVM.....ESMLKSFEERLST.....QNFSKLLN.DNIFHMSLLACALEVVMATYSRS.TSQNLDSGTD	511
BRCA2	FYRALCDTPGVDPKLISRIWVYNHYRWIWKLL.AAMECAFPKEFANRCLSPERVLLQLKYRYDTEIDRSRRSAIKKIMERDDTAAKTLVLCVSDIISLSANISSETSSNKTSSAD	2712
NF1	.....CISKRVSHGQIKQIIRILSKALESCLKGPDTYNSQVLIBATVIAL.....TKLQPLLNKDSPLHKALFWVAVAVLQL.....	2304
MLH1	.....NTTKLSEELFYQI.....LIYDFANFGVLRLS.....	577

logo	TSEVWLYSYTTLDPEALTEACDGWYAVKAQLDPPLLAYLNLFTDQYKLSNSKSCRAFAFAKTCGFEBAELVGSPDACTPLEAFELSMYAAEASTRPAELHYCKQGDHFVVG	
P53	.....TRVRAMAIYKQSQH.....	168
CDKN2A	.....	55
RB1	LSFPWILNVL.....NLKAFDFYKVIES.....FIKAEGN.....	541
BRCA2	TQKVVAIIELTDGWYAVKAQLDPPLLAVLKNGRLLTVGQKIILHGAELVGSPDACTPLEAPESLMKISANSTRPARWYTKLG.....	2793
NF1	.DEVNLYSAGT.....ALLEQNLHTLDSLRIFND.....KSPEEVFMATR.....PLEWHCKQM.....DHFVG	2358
MLH1	.....	577

logo	LNFNNSNFNFALFPDRPFPLHLKCFRDGCVNGCVDVIIQRAYPIQWMEKTSSGLYIFRNEREEEMKAAVATGQPEEFYAAAKASPEEFEECEENTTKPYLPSRALTRQQVRALQ	
P53	.....MTEVVRRCPPHHERCSDSDGLAP.....	190
CDKN2A	.....SARVAE.....	61
RB1	.....LTREMIKHDERCEHRIMESLAWLS.....	565
BRCA2	.....FFPDPRPFPLPLSSLFSDGGNVGCVDVIIQRAYPIQWMEKTSSGLYIFRNEREEEMKAAKYVEAQQKRLEALFTKIQEEFEEHEENTTKPYLPSRALTRQQVRALQ	2899
NF1	LNFNNSNFNFALVG.....HLLKGYR.....HPSPAIVARTVRIILHTLLTLVNKHRNC.....	2405
MLH1	.....EPAPLFLDLA.....	586

logo

	DGAEELYEAVKNAADPAYLEGYFSEEQLRALNN	
P53	.....	190
CDKN2A	.....	61
RB1	.....	565
BRCA2	DGAELYEAVKNAADPAYLEGYFSEEQLRALNN	2931
NF1	.DKFEVNTQSVAYLAALLTVSEEVRSRCSLKH	2436
MLH1	.....	586