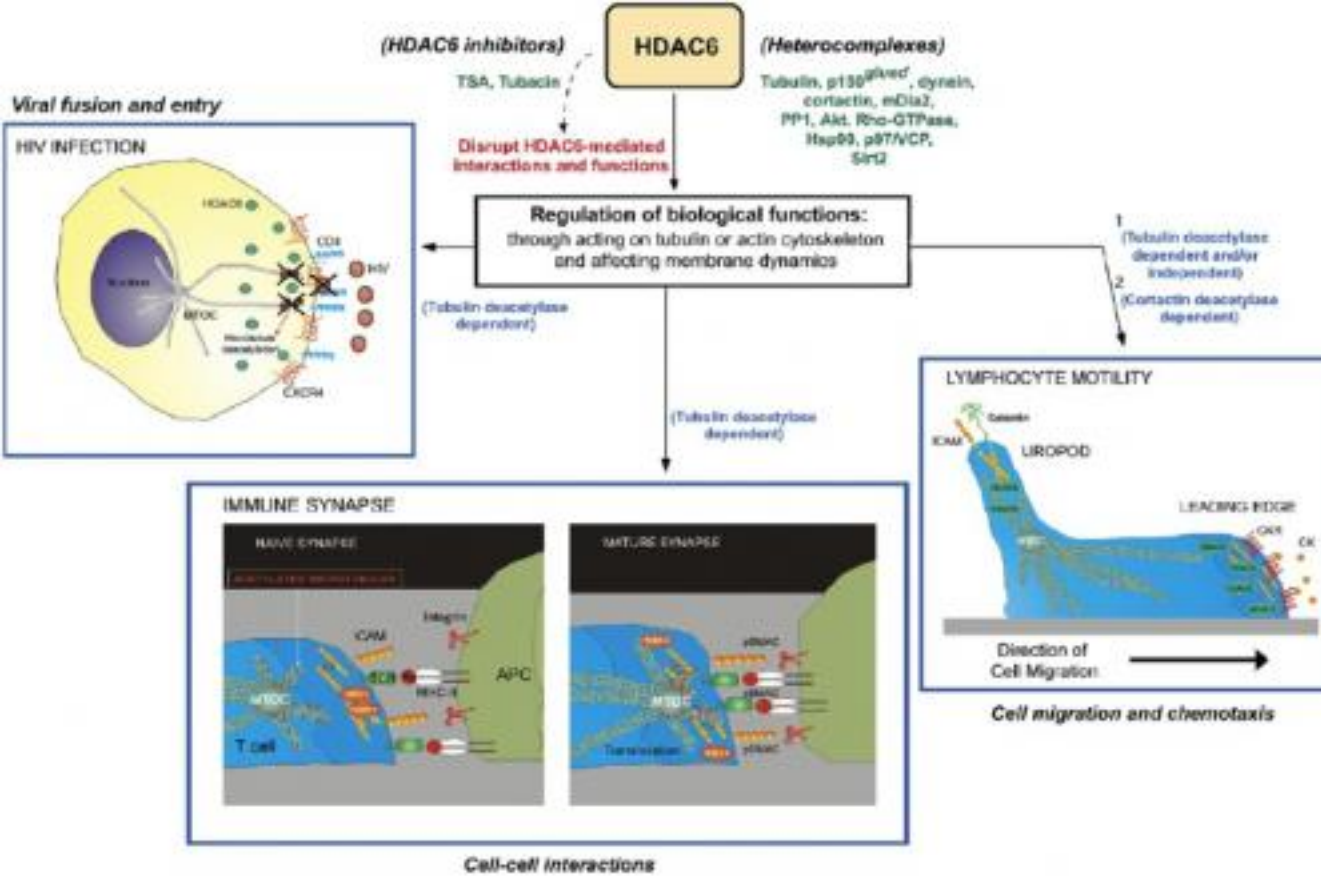




Fission yeast

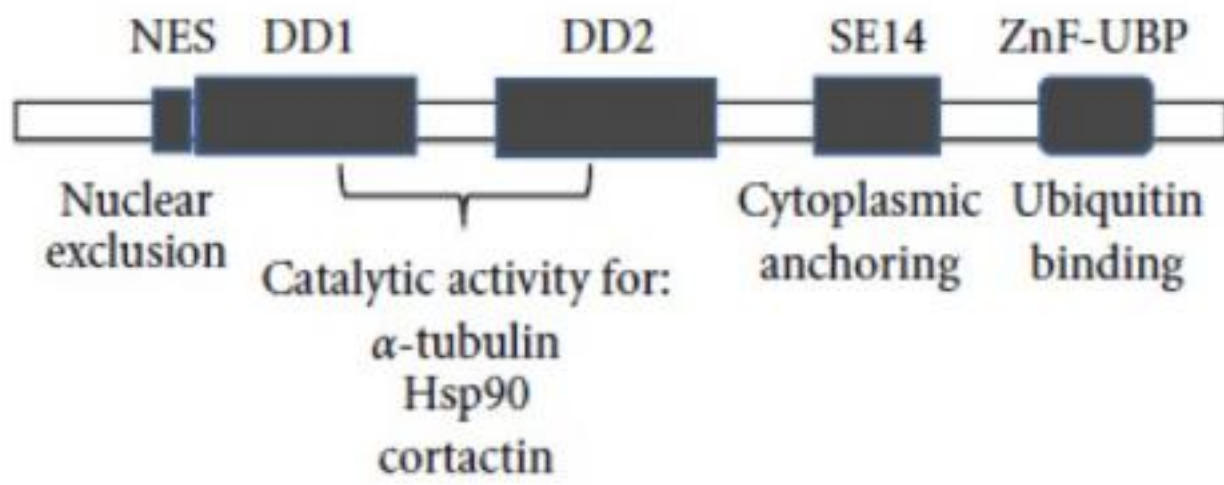
Hda1

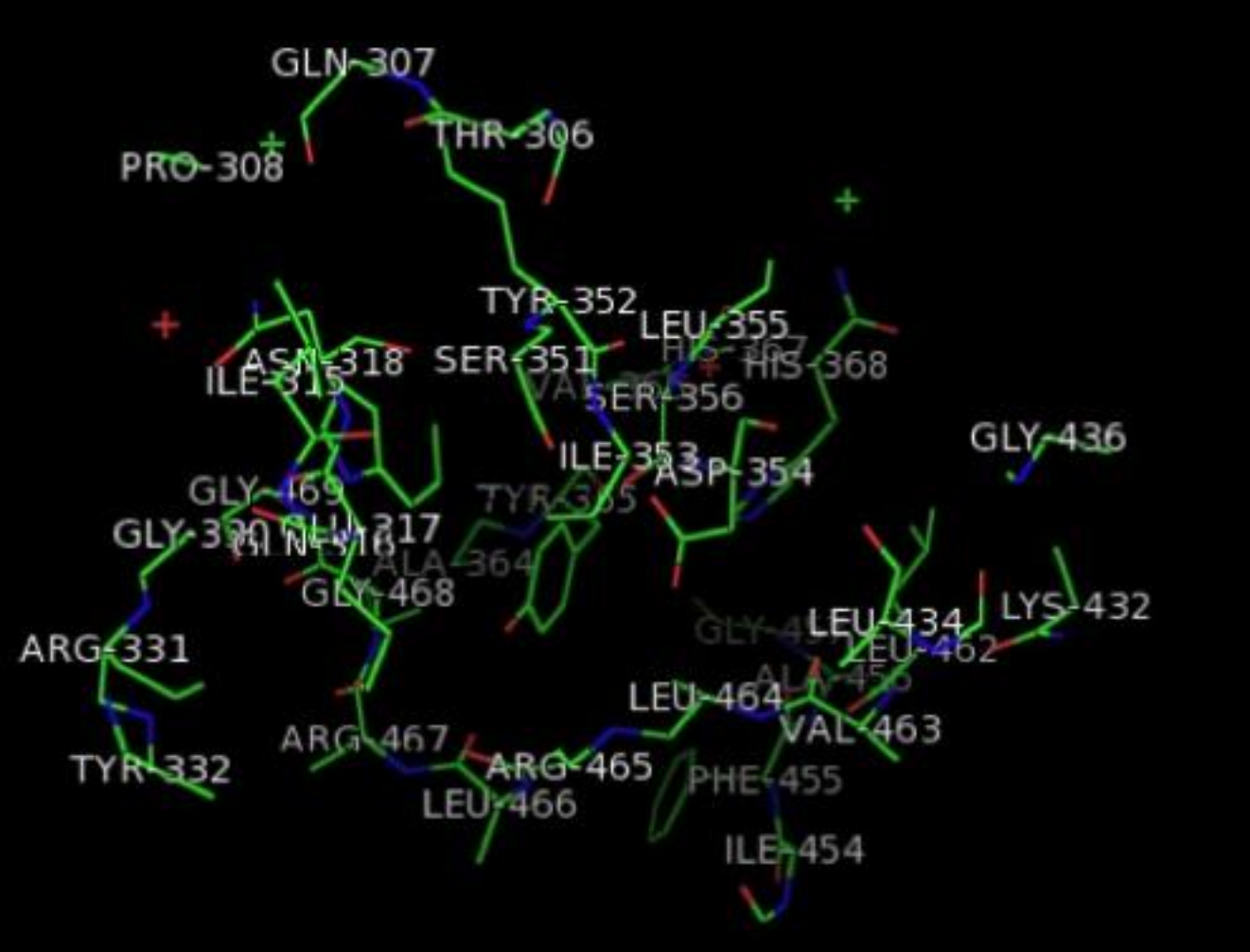


H. sapiens HDAC6



TRENDS in Cell Biology





☒	10001	1	-----MYRM	4
☒	10002	1	MTSTGQOSTITRQRRSRQNPQSPQDSSVTSKRNIRKGAVERSIPLAEVKKKGKMKGLQAMEEDLIVGLQGMOLMLEA	80
☒	10001	5	QLLSCLALSALVINSAPTSSSTKNTQLQLEHLLDLQMIINGINNYKPKLIRMLTPKYMPKATELKHLCLEEEK	84
☒	10002	81	EALAGTGLVLDEQLNEFHCLWDSFFEGPERLHAIKEQLIQEGLLDRCVSFQARFAEKELMLVHSLEYIDLNETTQYMG	160
☒	10001	85	PLEEVLNLAQSKNIFHLRFRDLISHINIVIVLELKGSETTFMCEYADETAII-----VEFLNRWITFCQSIISTLT---	153
☒	10002	161	EGELRVLADTYDSVYLHFNYSYSCACLASGSVLRRLVDVLGAEIRKMGMAIIRFPGRHAQSSLMDSGYCMFHEVAVAAARYAQQ	240
☒	10001		-----	
☒	10002	241	KHRIHRVLIVDMOVHBSQGTQFTFDQDPSVLYFSIRRYEQGRFWPHLKASNNWSITGFGQGQSYTINVFWNQVGRDADYI	320

[illegible]

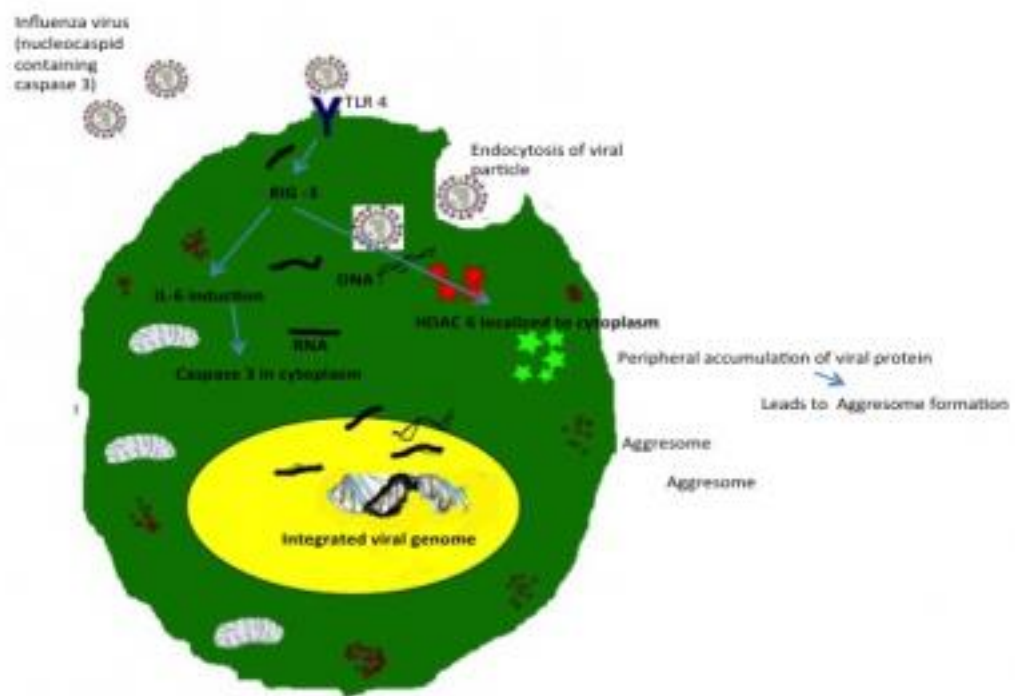
gi 16516817 emb CAC88866.1	MENTENSVDSKSIKNLEPKIIGHGSESMDSGMSWDIGYKMDYFEMGLCIII	50
gi 512412 emb CAA01199.1	----MYRMQLLSICIALSLAIVTNSAPTSS-STWKTQLQLHLLLDLQMIL	45
	: : * * : : * . * : . * : : : : : . * : :	
gi 16516817 emb CAC88866.1	NNKMFHKSTGMTSRSGTDVDAANLRETFNNLKYEVRNKNDLTREEIVELM	100
gi 512412 emb CAA01199.1	NGINNYKNPKLTR-----MLTFKPYMPKWKATELKHLQCLEEELKPL	86
	* . * : * . : *	
gi 16516817 emb CAC88866.1	RDVSKEDHSKRSSFVVCVLLSHGEEGIIIFGTINGFVDLKKITNFFRAGDRCRS	150
gi 512412 emb CAA01199.1	EEVLNLAQSKN-----FHLRPRDLISNIN-----	110
	. : * : : * * . : . : * . *	
gi 16516817 emb CAC88866.1	LIGKPKLFIQACRGTELDGCIETDSGVDDDMACHKIPVDADFLYAYSTA	200
gi 512412 emb CAA01199.1	-----VIVLELKGSETTF-----	123
	. * : : * : *	
gi 16516817 emb CAC88866.1	PGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHILIRVNRKVKATEFESF	250
gi 512412 emb CAA01199.1	-----MCEYADETATIVEFLNRWITFCQSIISTLT--	153
	: * . : * : * : : : . : : : :	
gi 16516817 emb CAC88866.1	SFDAIFHAKWQIPCIIVSMLIKELYFYH	277
gi 512412 emb CAA01199.1	-----	

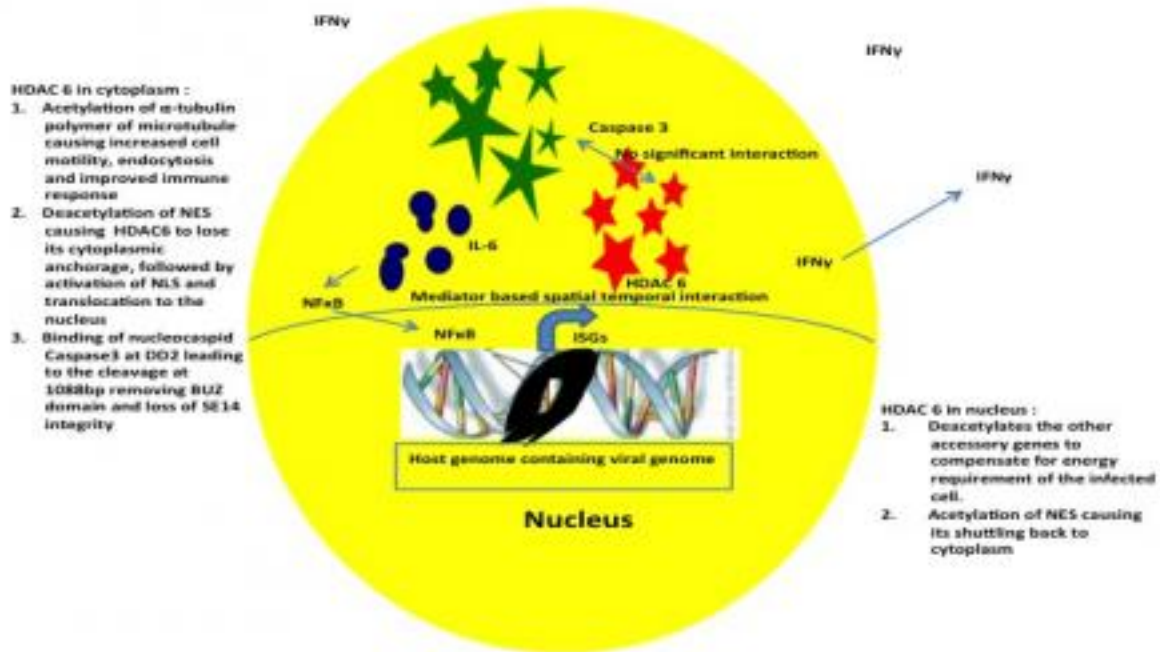
Residue	Colour	Property
AVFPMLIV	RED	Small (small+ hydrophobic (incl.aromatic -I))
DE	BLUE	Acids
RK	MAGENTA	Basic - H
STYHONGQ	GREEN	Hydroxyl + sulfhydryl + amine + G
Others	Grey	Unusual amino/imino acids etc.

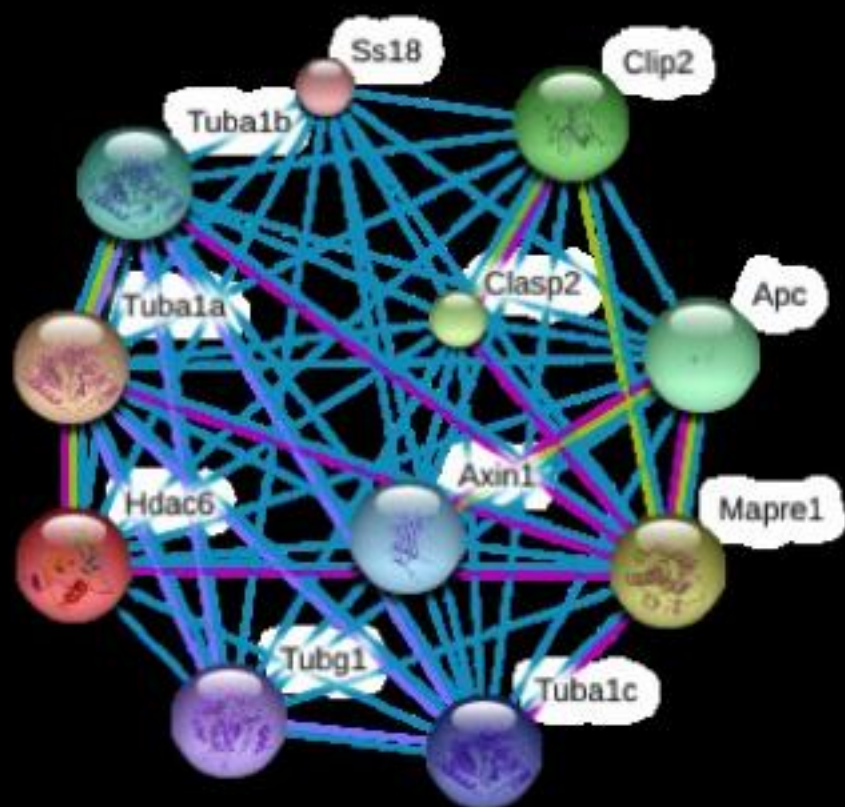
Acetylation



Human α1	24-	YCLEHGI	QPDGQMPSDK	TI-GGGDDSFN	TFFSETG-57 (P05209)
Mouse α1	24-	YCLEHGI	QPDGQMPSDK	TI-GGGDDSFN	TFFSETG-57 (NP_035783)
<i>D. melanogaster</i> α1	24-	YCLEHGI	QPDGQMPSDK	TV-GGGDDSFN	TFFSETG-57 (P06503)
<i>C. elegans</i> α3	24-	YCLEHGI	QPDGQMPSDK	SL-GGSDDSFN	TFFSETG-57 (BAA22203)
<i>A. thaliana</i> α6	24-	YCLEHGI	QPDGQMPSDK	TV-GGGDDAFN	TFFSETG-57 (NP_849388)
<i>S. cerevisiae</i> α1	24-	YSLEHGI	KPDGHLEDGL	SKPKGGEEGFS	TFFHETG-58 (P09733)
<i>S. cerevisiae</i> α3	24-	YSLEHGI	KPDGHLEDGL	SKPKGGEEGFS	TFFHETG-58 (P09734)







gi|512412|emb|CAA01199.1| 0.35163

gi|16516817|emb|CAC88866.1| 0.45883

gi|46623327|gb|AAH09243.1| 0.46536