

UPF0035 motif

Nudix motif



Consensus motif	LLTxRSxxxR-xxxGxxxFPGGxxxxxxExxxxx- -AxRExxEExGU	<u>PTS</u>	<u>mTP/cTP</u>
√ <i>C.elegans</i> Y87G2A.14	LLCVRSRQLR-RHPGEVCFPGGMMDDDEDGQNVRRTAIREAYEEVGV	PTS1	
<i>C.elegans</i> Y38A8.1	LLTKRSIHLR-SHRGEVCFPGGRMDPGETTTE - -TALRETFEEIGV		
<i>H.sapiens</i> NUDT7	LFTVRSEKLR-RAPGEVCFPGGKRDPTDMDDAA-TALREAQEEVGL	PTS1	
<i>H.sapiens</i> NUDT8	LYTLRSSRLTGRHKGDVSFPGGKCDPADQDVVH-TALRETREELGL		
√ <i>M.musculus</i> Nudt7	MFTVRSDKLLK-REPGEVCFPGGKRDPVDTDDTA-TALREAQEEVGL	PTS1	
<i>M.musculus</i> Nudt8	LYTLRSSRLVGRHKGEVSFPGGKCDPDDQDVIH-TALRETQEELGL		
<i>D.melanogaster</i> CG11095	LYTRRSRHLR-SHSFQISFPGGRDDHDSSYVD-CALRETEEEIGL	PTS2	mTP
<i>D.melanogaster</i> RH61317	PVTKRPSKMR-AHPGQFALPGGSVDPGESSEQ- -AAVRELSEELGV	?	?
<i>S.pombe</i> YDH5	LLTQRSPNLR-SHAGQMCFPGGRVEPSDGSYYY-AALRETYEEIGF	PTS2	mTP
<i>S.pombe</i> YDZA	LLIQRSFRDTRWSGHMALPGGTRSLTDKSDIQ-TAHRETLEEVGI		
<i>A.thaliana</i> At2g33980	ILTKRSSTLS-THSGEVSLPGGKAEEDKDDGI-TATREAEEEIGL	PTS2	cTP
<i>A.thaliana</i> At1g28960	ILTKRSSKLS-THSGEVSLPGGKAEEDKDDGM-TATREAEEEIGL	PTS2	cTP
<i>A.thaliana</i> At5g45940	ILTKRSTTLLS-SHPGEVALPGGKRDQEDKDDIA-TALREAREEIGL		
√ <i>S.cerevisiae</i> PCD1	LLTKRSRTLRL-SFSGDVSFPGGKADYFQETFES-VARREAEEEIGL	PTS2	mTP
<i>E.coli</i> YeaB	LLTQRSIHLR-KHAGQVAFPGGAVDDTDASVIA-AALREAEEVVAI	-	-
√ <i>D.radiodurans</i> DR1184	LLTVRSSELP-THKGQIAFPGGSLDAGETPTQ- -AALREAQEEVAL	-	-