

Multiple Sequence Alignment	
Csp1_Hs	KTSDSTFLVFMSHGIREGICGKKHSEQVPDILQ-LNAIFNMLNT-3-PSLKDKPK <mark>VIIIQAG</mark> RGD-SPGVVWF
Csp2_Hs	RVTDSCIVALLSHGVEGAIYGVDGKLLQ-LQEVFQLFDN-3-PSLQNKPKMFFIQAGRGTETDRGVDQ
Csp3_Hs	SKRSSFVCVLLSHGEEGIIFGTNGPVD-LKKITNFFRG-3-RSLTGKPKLFFIQAGRGTELDCGIET
Csp9_Hs	GALDCCVVVILSHGCQASHLQFPGAVYGTDGCPVS-VEKIVNIFNG-3-PSLGKKPKLFFIQAGGEQKDHGFEV
Csp10_Hs	ADGDCFVFCILHHGRFGAVYSSDEALIP-IREIMSHFTA-3-PSLAGKPKLFFIQAG0GEELQPSVSI
CED3_Ce	GDSA <mark>ILVI</mark> LSHGEENVIIGVDDIPIS-THEIYDLLNA-3-PRLAKKK <mark>IVFVQAG</mark> RGERRDNGFPV
PC_Hs PC_Ce PC_Dd Mlr2366_M1 Mlr2366_M1 Ml12372_M1 Mlr3463_M1 Mlr3463_M1 Mlr5190_M1 Mlr1170_M1 YOR197w_Sc	DKGVYGLLYYABHGYENFGNSFMVPVDAPNPYRSENCLCVQN5-QEKETGLNVFLLDMGRKRNDYDDTIP GNGVYAVFYFVGHGFEVNGQCYLLGVDAPADAHQPQHSMSMD-6-RHKTPDINLLLDVGRKFVPYDAISA QSYIEVVYYYABHGRSDNGQNLLLIMTDGNPVQLSIIASTLT-2-IKNSDSLCDFIVDGCDGEBVLFHY YNADLAVIFYABHGNQVDGKNYLIPVDALISPAYLKT-11-LPADPAVGVILDACRDNPLGRTLAA IGADMAVFYYABHGLQVNGQNLLLPVDTRISSAKEVAA-12-KNDPVGVKVFIDACRNPVAKEKGL RGADVALFFYABHGLQVSGKNYLLPVDTALSDEFIJ1-MSRETSIRLVFLDACRNNPFARSLSR KGADVALVFYSHGUEISGNYILPVDAALEDETSLDF-11-MSRETSIRLVFLDACRNNPFARSLSR KGADVALVFYSHGUEISGNRILPVDAALSVDQLK-12-VAATAKVGLVILDACRNNPFARSLSR
MC1_At	TAGDSLVFHYSE GSRQRN - YNGDEVDGY - DETLCPLDFETQGMIVDDE - 7 - PLPHGVKLHSITDACHSGTVLDLPFL
MC2_At	KPGDSLVFHFSGHGNNQMD - DNGDEVDGF - DETLLPVDHRTSGVIVDDE - 7 - PLPYGVKLHAIVDACHSGTVMDLPYL
MC3_At	KPGDVLVVHSGHGTRLPA - ETTGEDDDTGYDDECIVPCD - NNLITDDEFR - 4 - KVPKEAHITISDSCHSGGLIDEAKE
M1r3300_M1	QRDDFVYLHLSGHGRAQQPER - AKGDETDGLDE - I FLPVDIEKWINRDAGV-15 - I RNKGAFVMAVFDCHSGTATRAVEV
MCH_Rsph	EPGGIFLMSYACHGAQQDEFD AKGDETDGLDE - I FLPVDIEKWINRDAGV-15 - I RNKGAFVMAVFDCHSGTATRAVEV
MCH_Gsul	GKGDIFMLSYSCHGAQQPE - OTGNDEPDGUDEVLCLHD - AMLV-DDELY - 4 - AFREGVRVLVPSCHSGTVKAYY



 In science, "knowledge" is in the patterns/similarities. The interesting questions, however, are in the differences.











































































