

A Snail

Mm Snail MPRSFLVRKPSDRRKNPNYSELQDACVEFTFQQPYDQAHLLAAIPPEVLNPAASLPT-LIWDLSL-LVP----QVRVAVAWT--LPLRESKAV----ELTSL----DEDSGK-SSQPSS
Gg Snail MPRSFLVKHFSASKKNPNYSE--LESQTVLAAPLLLETALSVIPPEVLSPGAYYPP-LVWDAG-LLSSLPAGLGTAEAEAGGAAP-----ALDLTTLSSSEDEGK-SSGPPS
Mc Snail KKHFSASKKNPNYSE--LESQTVIVSPFLYEKCLSLIPQPEVLSFGAYYPP-LVWDGT-LLSNFFTSETEY---KTCASP-SPEK-----PLDLTSLSSSEDEGK-TSDPPS
Em Snail KKHLSYSKKNPNYSE--LESQTVIVSPFLYEKYSLS-VQPDILSTGPIYPP-LVWDGT-LLSNFFTSETEY---PKASAPSPSPSK-----PLDLTSLSSSEDEGK-TSDPPS
Dr snail1 MPRSFLVKKYFT-SKRPNYSE--LEQNDTSPDRYPLAELPAVSNDF---PVTCLTGLVWDVS-LLPSLHNSPSTLSTNQGLDLSSPS-----ISCSSS--GEEDEGR-TSDPPS
Dr snail2 MPRSFLVKKYFT-NKKPNYSE--LESQTD--RYAVVPCFPLDDP---LVPKYPSMLVWSSS-ALP---FPGVSSVSCPPAPLDLSSPS-----SSSSS--GEEDEGR-TSDPPS
Tr snail1 MPRSFLVKKYFA-KQKPNYSE--LEQNDTQESYFPAELPSADSS----AATCLTGLVWDLS-VLPTLYLPTSQTEFTSIPGDLSSPS-----LSSASSCGEEDGR-TSDPPS
Tr snail2 MPRSFLVKKYFNS-NKKPCYRCHLESQSFAFVESPRAELPAQNDSS---PLTCYPNQOFFISDPLPAPLSPINPVSPSS--SPLDLSSP-----SSSSE--EEDDGR-SSDPPS
Sc Snail SE--LESQTVIISPFLYEKYPVPIVQPEILRSAAAYPA-IVWDGT-LISSLCSAELEASLGGQKSEPPADSSKRQRQAHDLASLSSSEEDGK-TSDPPS

Mm Snail PPS---PAPSSFSSTASSLEAEAFIAFPGLG-QLPKQLARLSVAKDPQSRKIFNCKYCNKEYLSLGLKMHIRSHLTPCVCTCGKAFSRPWLLQGHVRTHTGKFPFSCSHCNRAFADR
Gg Snail PASAPAAAERFCAQCAKAYSTFAGLSKHKQLH-----CDAQTRKFSCKYCEKEYVSLGALKMHIRSHLTPCVCKMCGKAFSRPWLLQGHVRTHTGKFPFSCSHCNRAFADR
Mc Snail PASSATEAEKFCQCSKNSYSTFAGLSKHKQLH-----CDSQTRKFSCKYCEKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGRIR
Em Snail PASSATEAEKFCQCSKNSYSTFAGLSKHKQLH-----CDSQTRKFSCKYCEKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGHIR
Dr snail1 PD---SSDTYHP---QTSRPR-RSNKSR---QREDKSEAAVTAASRPAFFCKHCPKEYNSLGLKMHIRSHLTPCVCTCGKAFSRPWLLRGHIRTHTGERPFSCPHCNRAFADR
Dr snail2 PD---PSDRFQCAHCGKSCSSPAQLSRHQLAHCSPQDQISGRTSSSPAGPPFHKHCPKEYNSLGLKMHIRSHLTPCVCTCGKAFSRPWLLRGHIRTHTGERPFSCPHCNRAFADR
Tr snail1 PE---PVHTFAP---RQRMKCTGVMARSSP---PEEEEEERAPATAA-RPAFLCKHCPKEYNSLGLKMHIRSHLTPCVCTCGKAFSRPWLLRGHIRTHTGERPFSCPHCNRAFADR
Tr snail2 PDI---IQHIYHCLHCSNSYSLSALSHHQLSH-FPQTQHTSSLPTEVSARPAFHCKHCPKEYNSLGLKMHIRSHLTPCVCTCGKAFSRPWLLRGHIRTHTGERPFACQLCNRAFADR
Sc Snail PDSATEAEKFCQCNHCSKNSYSTFAGLSKHKQLH-----CEPQARKSFNCKYCEKEYVSLGALKMHIRSH

Mm Snail SNLRAHLQTHSDVKRYQCQACAR-TFSRMSLLHKHESGCGGPR
Gg Snail SNLRAHLQTHSDVKRYQCKTCSR-TFSRMSLLHKHEETGCGGAR
Dr snail1 SNLRAHLQTHADVKKYQCSTCSR-TFSRMSLLQKHSAAGCCPSTANVQ
Dr snail2 SNLRAHLQTHSEVKKYQCGSCSRRTFMRMSLLHKHTLSGCCPAL
Tr snail1 SNLRAHLQTHAEVKKYQCIGCSR-TFSRMSLLQKHSSGCCSAAV
Tr snail2 SNLRAHLQTHSEVKKYQCGSCAR-TFSRMSLLHKHNASGCCPPS

B Slug

Mm Slug MPRSFLVKHFNASKKNPNYSELDTHT-VIISPFLYESYPIVPIKPEILTSGLAYSPITVWTS-SAAPLHSPPLPSGLSPLTGYSSS-----LGRVSPPPP-SDTSSKDHSGSES
Gg Slug MPRSFLVKHFNASKKNPNYSELDTHT-VIISPFLYESYVPIIPQPEILSSVAYNPITVWT--TTGLLPSPLPNDLSPSLSGYSS-----LGRVSPPPP-SDTSSKDHSGSES
Mc Slug KKHFNASKKNPNYSELDTHT-VIISPFLYESYVPIIPQPEILSSVAYNPITVWT--TTGLLPSPLPNDLSPSLSGYSS-----LGRVSPPPP-SDTSSKDHSGSES
Em Slug KKHFNASKKNPNYSELDTHT-VIISPFLYESYVPIIPQPEILSSVAYNPITVWT--TTGLLPSPLPNDLSPSLSGYSS-----LGRVSPPPP-SDTSSKDHSGSES
Dr slug MPRSFLVKHFNASKKNPNYSELDTHT-VIISPFLYESYVPIIPQPEILSSVAYNPITVWT--TTGLLPSPLPNDLSPSLSGYSS-----LGRVSPPPP-SDTSSKDHSGSES
Tr slug MPRSFLVKHFNASKKNPNYSELDTHT-VIISPFLYESYVPIIPQPEILSSVAYNPITVWT--TTGLLPSPLPNDLSPSLSGYSS-----LGRVSPPPP-SDTSSKDHSGSES
Sc Slug KKHFNASKKNPNYSELDTHT-VIISPFLYESYVPIIPQPEILSSVAYNPITVWT--TTGLLPSPLPNDLSPSLSGYSS-----LGRVSPPPP-SDTSSKDHSGSES

Mm Slug FIS-----DEEERLQP-KLSDPHAIEAEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGHIRTHTGKFPFSCPH
Gg Slug FIS-----DEEERIQS-KLSDPHAIEAEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGHIRTHTGKFPFSCPH
Mc Slug FIS-----DEEERIQS-KLSDPHAIEAEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLRGHIRT
Em Slug FIS-----DEEERIQS-KLSDPHAIEAEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGHIR
Dr slug PRS-----DEDERIQSTKLSLSD-----AEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKMCGKAFSRPWLLQGHIRTHTGKFPFSCPH
Tr slug PRS-----DEDEQMLP-KLTDPHGABAEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGHIRTHTGKFPFSCPH
Sc Slug SIS-----DEEERIHP-KVSDHEGVDAEKFCQCNLCKNTYSTFSGLAKHKQLHCDASRKSFSCKYCDKEYVSLGALKMHIRSHLTPCVCKICGKAFSRPWLLQGHIR

MmSlug CNRAFADRNLRAHLQTHSDVKKYQCKNCSKTFMRMSLLHKHEESGCCVAH
GgSlug CNRAFADRNLRAHLQTHSDVKNKYQCKNCSKTFMRMSLLHKHEESGCCVAH
DrSlug CSRAFADRNLRAHLQTHSDVKKYQCKNCSKTFMRMSLLHKHEESGCCIAH
TrSlug CNRAFADRNLRAHLQTHSDVKKYQCKNCSKTFMRMSLLHKHEESGCCVAH