

Figure S2:

ZASP	-MSYSVTLTGPGPWGFRLOGGKDFNMPLTISRITPGSKAAQSQLSQGDLVVAIDGVNTDT
ENH	-SNYSVSLVGPPAPWGFRLOGGKDFNMPLTISSLKDGGKAAQANVRIGDVVLSIDGINAQG
ENIGMA	MDSFKVVLEGPAPWGFRLOGGKDFNVPLSISRITPGGKAAQAGVAVGDWVLSIDGENAGS
PDLIM1	--TQQIDLQGGPWGFRLVGGKDFEQPLAISRVTPGSKAALANLCIGDVITAIDGENTSN
PDLIM4	-MPHSVTLRGPSPWGFRLVGGGRDFSAPLTISR VHAGSKAALAALCPGDLIQAINGESTEL
ALP	-MPQTVILPGPAPWGFRLSGGIDFNQPLVITRITPGSKAAAANLCPGDVILAIIDGFGTES
PDLIM2	-MALTVDVAGPAPWGFRITGGRDFHTPIMVTKVAERGKAKDADLRPGDIIVAINGESAEG
Myopodin	--FICISMTGGAPWGFRLOGGKEQKQPLQVAKIRNQSKASGSGLCGDEVVSINGNPCAD
CHAP	--EVLVTLSSGAPWGFR LHGGAEQRKPLQVSKIRRRSQAGRAGLRERDQLLAINGV SCTN
Zasp52	--QIKLSRFDAQPWGFRLOGGTDFAQPLLQKVNAGSLSEQAGLQPGDAVVKINDVDVFN
Zasp67	VLDIKMCRFDNVPWGFRLVGGADYDYPLTVVKVTEGSIAD EAGLRVEDIIVRINDTAATP
Zasp66	FAVLLRDGQATPWGIRLVGGNDLDTPLIITRVQVGSPA HG-ELLRGDIISKIGEYDARD
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ZASP	MTHLEAQNKIKSASYNLSLTLOKSK
ENH	MTHLEAQNKIKGCTGSLNMTLQRAS
ENIGMA	LTHIEAQNKIRACGERLSLGLSRAQ
PDLIM1	MTHLEAQNRIKGCTDNLTTLTVARSE
PDLIM4	MTHLEAQNRIKGCHDHLTLSVSRPE
ALP	MTHADAQDRIKAAAHQLCLKIDRGE
PDLIM2	MLHAEAQSKIROSPLRLQLDRSQ
Myopodin	LTYPEVIKLMESITDSLQMLIKRPS
CHAP	LSHASAMSLIDASGNQLVLTVQRLA
Zasp52	LRHKDAQDIVVRSGNNFVITVQGG
Zasp67	LTHDEAHRLIMSGSVFYFGVY---
Zasp66	LSHADAQQLFRGAGNEIRLVVH---
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