

A

ArrA_WolSu	-----MEINRRDFLKATA
ArrA_DesHa	---MDSMNITRRRFLQASA
ArrA_ChAr	-----MRIKRREFLKASA
ArrA_SheAn	MKKENQVNLGRRQLLKSTA
UnkA_SulAz	-----MIKTTRRNFLKGAA
UnkA_ThiDe	-----MYLESRRTFLKGAA
UnkA_PyrIs	---MTEAVLSRRDFLKASA
UnkA_NitSp	---MSFIESRRNFLKG--
Psr/PhsA_ArcFu	-----MVTRRDFLKAT-
Psr/PhsA_DesDe	MSDIRQPRLTRRGFFKAAG
PsrA_WolSu	-----MTRRDFLKSAAG
PhsA_SalTy	-----MSISRRSFLQG--

C

ArrA_WolSu	ISHSSICAEAEKFGRRYYTEA
ArrA_DesHa	ISHSSICAEAEKFGPPYYTEA
ArrA_ChAr	ISHSAICAEVEKMGSMATEG
ArrA_SheAn	ISHSSVCAEAHKMGPPYYLDG
UnkA_SulAz	NSHTNICSSNGRFGNIVTVG
UnkA_ThiDe	NSHTNICSSNGRTGILHFAN
UnkA_PyrIs	GSHTNLCSSGARLGNNLWIA
UnkA_NitSp	DSHTNICSGARQGSIQWAN
Psr/PhsA_ArcFu	GVPEALCFLSKALGWKSAYG
Psr/PhsA_DesDe	TSHESLC LSNRRAYLDTFG
PsrA_WolSu	FGHESTCPLAYNMAGRDFVG
PhsA_SalTy	FTHASTCPAGKAIAAKVMMG

B

ArrA_WolSu	VASTCQGCTSWCSIQGYVVD--GRLVKVRGNPNAKGNHGKICPRPHL
ArrA_DesHa	VSTLCQGCTSWCAMQAYVFN--GRVVKVRGNENSKASHGKICPRPHL
ArrA_ChAr	IPSTCQGCTTWCPVEFLFRM--AVRSKYAATQLSKANNGYCCVRGHL
ArrA_SheAn	LATTCQGCTSWCAKQIYVMD--GRALKVRGNPNNGSVHGMSSCPRQHL
UnkA_SulAz	VPTVCNCEAACGLTAWIDKDTLTVRKFMGNPFHSGSRGRNCAKGYA
UnkA_ThiDe	VPTACSNCEASCGLTAWIDKKTFTVKKYMGNPLHPASRGRNCAKGYA
UnkA_PyrIs	TGGVCGGCEVSCHFVWIDKDTKLARKVMVNPLNKSNGW-LCVRGQS
UnkA_NitSp	VPTVCNCEAGCGLTAWVDKSMVVKKYMGNPLHTGSRGRNCAKGYA
Psr/PhsA_ArcFu	VPNICAMCPAACSIQVEVR--DGKVHRIHGTPDHPINNGKICARGNA
Psr/PhsA_DesDe	HYSACDMCFNKGVIARVQ--DGVVTKLDPNPKFLKSRGMLCARGNA
PsrA_WolSu	VPSICEMCTSSCTIEARVE--GDKGVFIRGNPKDKSRGGKVCARGGS
PhsA_SalTy	TPSLCEMCSFRCPFAQV--NNKTVFIQGNPSAPQQGTRICARGGS