

	10	20	30	40	50	60	70	80
AmiSoxB1	RVKRPMNAFM	VWSRERRRRM	AQENPK---M	HNSEISKRLG	AEWKQLSDPE	KRPYVDEAKR	LRAVHMKDHP	DYKY-RPRRK S
AmiSoxBa	HIKRPMAFM	VWSRGRKQY	AAINPR---M	HNSEISKRLG	AEWKMLSDPE	KEPFVAAEAKR	LQAIHIQEHHP	DYKYKPKRRK P
AmiSoxBb	HIKRPMAFM	VWSKEKRRIM	SQKNPK---M	HNSEISKILG	AQWKKMPDEE	KAKYIEFAKR	LQOEHSQKHP	DYKYKPKRRK Q
AmiSoxC	HVKRPMNAFM	VWSQIERRKM	AEHPD---M	HNAEISKRLG	KRWKILSESE	KRPFVEESER	LRIRHMQAYP	DYKY-RPRKK K
AmiSoxE1	HVKRPMNAFM	VWAQAARRKL	ADQYPH---L	HNAELSKTLG	KLWKMLKDAE	KKPFIEEAER	LRLKHKREHP	DYKY-QPRRK K
AmiSoxF	RIKRPMAFM	VWAQVERRRL	ADANPE---L	HNAELSKILG	QAWRALNGLQ	KRPFVEEAER	LRQOHKIDHP	DYKY-RPRRK K
AquSoxB1	KVKRPMNAFM	VWSRKMRRKI	ADENPK---M	HNSEISKRLG	TQWKALSEED	KRPFIDEAKR	LREAHMKKHP	NYKY-KPKRK K
AquSoxB2	HIKRPMAFM	VWSKERKEL	AQENPR---M	HNSELSKKG	AEWKALSDTN	KHRYIEEAKK	IREQHMAEFP	HYRY-RPRRK P
AquSoxF	RIKRPMAFM	VWSSLERKKL	AEKEPN---L	HNTELSKRLG	QMWKEMTEED	KTPYRQEAIR	LKDKLMEHP	EYKY-KPKRR K
AquSoxC	HIKRPMAFM	VWAQLERRKM	TTEFPD---M	HNAEISRRLG	KLWRLLSDRE	KOPYIEESER	LRIQHMKOYP	DYKY-RPRKK G
SciSoxB	HVKRPMNAFM	VWSREERKQF	AQENPK---M	HNSEISTKLG	EKWKRLTEEE	RAPYVDKARS	IRTEHMKKFP	DYKY-RPKRK P
SciSoxC	HVKRPMNAFM	VWSSLERKER	MAKNPK---L	HNAEISKDLG	RVWKSKEDE	KKPFYDMAKR	EKTEHQAKYP	DYKY-RPKKK P
SciSoxE	RVRRPMNAFM	VWSKDARKEL	AKQDPS---V	HNADLSKKG	ELWKIMSEEE	KRPYVEKSES	LRAIHRREHP	DYKY-QPRKP R
SciSoxF1	RVKRPMNPFM	VWAQOERPRL	SAIHG---I	HNAELSRLLG	QNWNKMDSE	KOPYKAEAIR	IAELHRLQHP	DYKY-KPRKK D
SciSoxF2	RIKRPMPFM	IWAKGERSTI	LNRNPT---M	HNSDVSRLG	RNWRSMSDEE	KOPFIRAAEQ	LAEEHRRKHP	DYKY-RPRKK D
SciSox6	HVKRPMNAFM	VWAKTERRKL	AMKLPG---I	PNSEVSKLLG	DMWRSLTDEE	KDKYRGQSEK	IRVQHKKDNP	GYRY-HPNRP R
SciSox7	RIKRPMAFM	LEALEERKVI	ARNHPN---M	HNSEISKQLG	KKWKSKEHEE	QAPYREAAGE	IRREHQKHP	DYQF-KPNRK K
SciSoxL1	KLKRPMSAFL	IWARTERRRL	HNIVPK---M	PNSEISKLLG	QKWRIMPEAL	KAPYHEQAAK	ACDEYRANP	KRRR-RQPRQ Q
SciSoxL2	LAKRPMNAFM	LWARTERRRL	FAGMPDGGKL	RNSEVSKILG	KKWRSEMSSQE	KAPYHGLASR	ACQYRFLNA	HQKR-RQRTI K
SciSoxL3	FVKRPMNAFM	LWAKGERPRI	FASLRGDQHL	SNSDVSILG	KTWREMSTEE	KAPFHRQASR	ACQYRFVNP	KQKR-KRKRK P
SciSoxL4a	RIKRPMTFL	MWAKEARKRV	SDEHAD---L	DNAAISGLLG	QLWKELPDSQ	KEPFILRADD	VRQHRHDHP	SY-Y-RHRQR K
SciSoxL4b	KNKRPINAFL	LWAQSSRPKL	AKKFG---L	SNWQISMVLG	ELWQOAPVES	KCGYHKLAEQ	LRNEHRASNP	EYLY-HPERL A
LcoSoxB	HIKRPMAFM	VWSRDKRREL	ATQNP---M	HNSEISVRLG	DEWKSIAEQD	KAPFIEEARR	LRAQHQADHP	DYKY-RPRRK P
LcoSoxE	RVRRPMNAFM	VWAKKARKEL	AEKNPS---V	HNAELSKTLG	AMWRDMPEEE	KRPYLDQAEA	IRQAHROLHP	DYKY-QPRKR K
LcoSoxF1	RIKRPMPFM	VWAQOERPHL	SAANPG---I	HNAELSRLLG	QHWNRLSELQ	KLPFRLEAEK	LAERHRLDHP	EYKY-RPRKK D
LcoSoxF2	RIKRPMPFM	IWAKGERSTI	LTQNP---M	HNSDVSRLG	RNWRGMSLEE	KRPYILAAEH	LAEEHRRLHP	NYKY-RPRKK D
LcoSox6	HVKRPMNAFM	VWAKTERRQL	AMRLPG---M	PNSEVSKILG	DMWRRLPDEQ	KEQYRSESEK	IRRKHKAHP	DYRY-HPKRP R
LcoSoxL1	KPKRPMNAFL	TWARTERRRL	HGLLPG---RM	PNSEISKILG	QKWKIMPESL	KAPYEQAAH	ASDEYHSANP	RRRR-RRCHK -
LcoSoxL4a	HTKRPMAFL	LWTKEHRKHV	SDSNPD---M	CNADVSTTLG	RMWRSLPMGD	KOPYLKMAEG	IRHKHRTDNP	GY-Y-RHCPRT
LcoSoxL4b	KRSRPINCF	LWSKWARPKL	AKRFDP---S	PNWEISMLLG	EVWKLKPKKD	KGOYHKNAEI	LRQEHRSHP	DLYK-QRHSR R