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Acr00312 type V-A, I-C .....MVGKSKIDWQSIDW.TKTINA.....QIAQECGRAYNTVCKMRGKLGKSHQGAKSPRKDKGISRPQPHINRLEYQALATAKAKASPKAG 82

Acr00100 type I-F .....MSY.LISNG.....QIVAKTS.....ATLASGQSVAFSGTR.....VS...EEIN.....AG 38

Acr00314 type V-A .....MKIELSGGYICY.SIEED.....EVTIDMV...EVTTRQGIGSQLIDMVK.....DVA...REVG.....LPIC 53

Acr00095 type I-F .....MNNVTLEYSVVTNP.....DSFVGFK.....YYVKAGQAFDADDFA.....YS...YKLN..... 42

Acr00118 type I-F .....MKKITEMIEISQ.NRQNL.....TAFLHISEIKAINAKLADGVDVDKKSFDEICSIIVLEQYQAKQIS.....NKQAS 65

Acr00001 type I-B LESKNLRKLLNEYEEIDINEMLKNFRSITKNSGTKNDIEIFLHEKAIFKFKSSISSTYVVFSEDNEILG.YFTIANRSLVIPKENFGILSKTQQKGLGNSA 99

Acr00172 type II-A .....MTTARKKKFYQAISEFEAMTGK...DVERTPQIADEVLNDAEYIAFTKTEKYALYLCTSNVGEGLDRYFLD.....EECLD 72

consensus \* \* \* \* \*

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Acr00312 type V-A, I-C RFETNTKAKTWTLKS...PDNKT<sup>W</sup>Y<sup>L</sup>TFTNLMHFVRTNPHLF<sup>E</sup>DPDDV<sup>K</sup>WRTKSN<sup>S</sup>GV<sup>E</sup>WCRASSGL.....ALLAKRKK<sup>K</sup>AP<sup>I</sup>SWK<sup>C</sup>WRLISLTKDNK 168

Acr00100 type I-F .....RKWNLVN...AQRATIG.....NGKTWDAK.....WAKLEDG.....RMASEIN<sup>P</sup>CEFFIA..... 81

Acr00314 type V-A .....LYAY<sup>P</sup>Q<sup>K</sup>...DSIS<sup>Q</sup>E.....DLIEFYFSND.....FEYDPDD.....VDGR<sup>I</sup>LM<sup>R</sup>WS..... 92

Acr00095 type I-F .....RSDLDP...DSVLATR.....EAAAN<sup>I</sup>Q<sup>P</sup>GE.....WLTVSHS.....IAA..... 75

Acr00118 type I-F EIFETLAKANKS<sup>F</sup>K<sup>I</sup>...EKFRCSHG.....YNEIYK<sup>S</sup>YSPDHEAYLF<sup>Y</sup>CKGGQG.....QLNKL<sup>I</sup>AE<sup>N</sup>GRFM..... 124

Acr00001 type I-B AILKNGDLMTSS<sup>F</sup>LLGQLGKNYS<sup>D</sup>DIENLITGRELLTFAY<sup>D</sup>FLFK<sup>I</sup>KELINVKYI<sup>W</sup>LECQNEPKLISFYQNF<sup>G</sup>KML<sup>E</sup>SLTSEE<sup>G</sup>LKVMIMELK.. 193

Acr00172 type II-A STFLETEDNETY<sup>I</sup>HFLQ<sup>E</sup>TEFS<sup>E</sup>D.....DNEDEL<sup>I</sup>PLATEEQIEAYDKQEE.....LKA<sup>V</sup>ILKKELN..... 130

consensus \* \* \* \* \* \* \* \* \* \*

- X non conserved
- X similar
- X > 50% conserved