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Consensus



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LSHSMHMLGVLATA|SHA|ISTGT|LFSV|YK|PRT|SQSEF|VVS|ANKYL|EAK|NKS|I|SVGMRF|KMR|FEG|DE|A|P|ERR|F|SGT|I|IGVGS|MS|T|SP|W|ANS|D|WR|SL|K|V|QW|DE|P|SRPDR
FRGK|VRAED|L|VEAAR|LANGQ|PEV|VY|YPRAS|T|PEF|CVRAA|AVRAA|MRV|QW|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|VAS|VQ|VADP|I|RW|P|QSP|WR|L|Q|VT|W|DE|P|DNV|K|R
QSDSMH|IGLLAAAAHAASTNS|RFT|IFYNPRASP|SEFVI|PLSKY|I|KAV|F|HR|ISVGMRF|RML|FETE|ESSV|RRY|MG|T|IEVSD|ADP|VR|W|P|SSY|VR|W|SL|K|V|QW|DE|ST|RP|R
FKG|KVP|EN|VL|T|AAT|RT|TGQ|PE|VL|Y|YPRAS|T|PEF|CVRAA|AVR|T|AMA|VQ|W|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|VAG|VQ|ADP|VR|W|P|QSP|WR|L|Q|VT|W|DE|P|DNV|K|R
-AEAT|RDRL|F|I|DWK|RAD|VRD|PHRF|QRLP|----LPMT|SPYG|-----PWGGG|-----AGASS|CRPR|-----RPPR
VSHSMHMLGVLATA|SHA|ISTGT|LFSV|YK|PRT|SRSEF|VVS|VNKYL|EAK|KQ|L|SVGMRF|KMR|FEG|DE|A|P|ERR|F|SGT|I|IG|SV|PAMP|WAD|SDW|SLK|V|QW|DE|P|SRPDR
RSSDSK|RL|ILSSV|ASSL|ENK|SVF|H|CNPR|S|GASEF|I|VPY|WRL|L|K|SL|NHP|S|I|GMRF|RV|CY|ESE|DANER|-SAG|I|SG|SE|VDP|I|RW|P|GSR|WK|CLL|VR|WDD|ST|HQN|R
QSDSMH|IGLLAAAAHAASTNS|PFT|IFYNPRASP|SEFVI|PLAKY|NKAL|YT|QVSL|GMRF|RML|FET|EDS|GVRRY|MG|T|IG|GDL|DPV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RR|R
QSDSMH|IGLLAAAAHAASTNS|RFT|IFYNPRASP|SEFVI|PLSKY|KAVY|HR|ISVGMRF|RML|FETE|ESSV|RRY|MG|T|IG|I|S|DL|DA|RV|W|P|N|SH|W|RS|V|K|V|GW|DE|ST|RP|R
GRAR|VRP|EEV|VEA|ANL|AVS|GQ|PE|VVY|YPRAS|T|PEF|CVK|GAV|RAA|MR|T|QW|F|AGM|RF|KMA|FET|EDSSR|I|SF|MG|T|VSA|VQ|VADP|I|RW|P|NSP|WR|L|QV|S|W|DE|P|DNV|K|R
PDSM|H|IG|L|AAAAHA|A|A|A|NS|PFT|IFYNPRAS|T|EEFVI|PFAKYQKAVY|GQ|SL|GMRF|RMMF|ET|EES|GTRRY|MG|T|IG|I|S|DL|DPV|RW|N|SH|W|RN|L|QV|GW|DE|S|ARR|NR
PDSM|H|IG|L|AAAAHA|A|A|A|NS|QFT|IYYNPRAS|T|SEFVI|PFAKYQKAVY|GQ|SL|GMRF|RMMF|ET|EES|GTRRY|MG|T|IG|I|S|DL|DPV|RW|N|SH|W|RN|I|QV|AW|DEA|ARR|TR
QSHSMHMLGVLATA|WHA|VNT|GT|MF|TVY|YK|PRT|SPA|EFV|VPYD|RYM|ESL|KQNY|S|IGMRF|KMR|FEG|E|A|P|EQRF|TGT|IVGMG|VD|SPAG|WPE|SK|WR|SL|K|VRW|DEA|SRP|R
QSDSMH|IGLLAAAAHA|A|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|HRV|SVGMRF|RML|FETE|ESSV|RRY|MG|T|I|S|DL|DSV|RW|P|N|SH|W|RS|V|K|V|GW|DE|ST|KQ|R
QSHSMHMLGVLATA|WHA|VNT|GT|MF|TVY|YK|PRT|SP|SEFV|PRL|YK|EL|KRN|H|S|IGMRF|KMT|FEGEEA|A|EQRF|TGT|IVGVG|D|SPG|WAD|S|K|WR|SL|K|VRW|DEA|ARP|R
QTDSM|H|IGVLA|AAAAHA|ASGS|SFT|IYYNPR|TSP|SEFVI|PVA|RYNK|AT|Y|MPQ|SVGMRF|AMMF|ET|EES|KRRY|MG|T|VVG|I|SDYD|P|MR|W|P|N|SH|W|RN|L|QV|EWD|E|HGR|PER
KNQCSN|LGT|LANVA|H|AVAT|ESVFN|IYYN|PRL|SQSEF|I|VPY|YK|FMK|SL|SQP|SVGL|RFK|MR|Y|ES|D|A|T|ERR|Y|G|I|IGSG|DTPM|-WHGSK|WK|CLL|VRW|DDA|RP|RNR
KNQ|I|NT|SSL|SEV|AH|VAV|K|S|FI|H|IYYN|PRL|SQSEF|I|PYW|K|FMR|SF|SQP|FV|SGMRF|K|RYE|S|D|A|ERR|T|G|I|IGS|READ|P|-WHGSK|WK|CLL|VVKW|DD|DV|RPNG
KSESSK|MR|TL|SAVAD|SLKHGS|VF|H|CYN|PRAS|T|EEFVI|PFAKYQKAVY|GQ|SL|GMRF|RMMF|ET|EES|GTRRY|MG|T|IG|I|S|DL|DPV|RW|N|SH|W|RN|L|QV|EWD|E|HGR|PER
ARFKG|VRMAD|VVEA|ASLASS|GQ|PE|VAY|YPRAS|T|PDFV|KKAAS|VQAA|MR|I|QWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|NR|W|P|NSP|WR|L|QV|T|W|DEP|DNV|K
-----ASPT|EEFI|PFAKYQKAVY|GQ|SL|GMRF|RMMF|ET|EES|GTRRY|MG|T|IG|I|S|DL|DPV|-----GWDES|ARRNR
SRGRV|Q|PEQV|MEAV|RLA|EAQ|A|F|RV|T|Y|YPRH|GAE|FV|VPR|EVDK|GLTTP|RWCS|GMQV|RAQ|ME|A|EDT|RR|L|AL|NGT|L|TNL|HR|-----QQI|VR|T|LE|VEV|DAS|AMK|NR
RPGVEDN|KV|SEV|MLAMQ|VGT|PE|VY|YPRAT|G|FEFV|S|RDEY|I|GFS|F|SPV|FGT|TVHL|RMN|PLQ|I|AS|I|SGR|VLE|T|FDHL|RP|-----WRM|LE|VDW|DQAA|R|IHR
EPQAAV|QEAVL|AAAGHAA|AGER|FTVAY|RSR|KD|GDEFVVP|REAVE|EGLR|ARL|TSLAE|VEFVVA|VEDG|APP|I|PRG|K|VTA|I|AT|-----GQL|WRN|LE|I|VWDG|NSEMDM
-PAPF|SVEEV|I|EAV|WRAA|RRPE|FV|SYCL|RQD|GDEFV|PRL|I|VDD|GLR|ARF|APGM|AVNFV|
QSHSMH|IGVLA|AAHA|I|TTGT|IFS|VYK|PRT|SRSEF|IVSVN|RL|EAK|YQ|L|SVGMRF|KMR|FEG|E|A|P|E|K|RF|SGT|IVGV|QENK|SSV|HMD|SEW|RS|L|K|VQW|DEP|SRP|R
ENQNMN|HNNF|SEV|AHA|I|STHS|FS|I|SYNPKAS|W|SNF|I|PAPK|FLK|VVDY|P|C|IGMRF|KARV|E|S|D|A|ERR|S|P|G|I|SGI|SD|P|I|RW|P|GSK|WR|SL|K|VRW|DD|I|VHQ|R
REKNSC|N|I|SL|VAN|YSTK|MFHVFY|SPRATHA|EFVI|PEKY|I|T|S|I|P|PVC|I|GTRF|MR|FEMDD|SPERRCAGV|TVGC|DLP|DPY|RW|N|SH|W|RN|L|QV|EWD|E|HGR|PER
QADSMH|IGVLA|AAAAHAT|ANRTPFL|IFYNPRAC|PAEFVI|PLAKYRKA|ICGQL|SVGMRF|GMMF|ET|EDS|GKRRY|MG|T|IVGI|S|DL|DPL|RW|P|GSK|WR|N|L|QV|EWD|E|PKP|TR
QSDSMH|GLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|HRV|SVGMRF|RML|FETE|ESSV|RRY|MG|T|IG|I|C|DL|DPT|RWAN|SHW|RS|V|K|V|GW|DE|ST|RP|R
QSDSMH|IGVLA|AAAAHA|A|A|A|NS|PFT|IFYNPRAA|PEFV|VPLAKY|NKAAQV|SLGMRF|RMI|FET|EECGVRRY|MG|VTG|I|S|DL|DPV|RW|N|SH|W|RN|L|QV|GW|DE|S|ARRP|R
QSDSMH|IGLLAAAAHASAT|NSC|T|VFH|HPRAS|QSEFVI|QLSKY|I|KAV|F|HR|ISVGMRF|RML|FETE|ESSV|RRY|MG|T|IG|I|S|DL|DSV|RW|P|N|SH|W|RS|V|K|V|GW|DE|ST|RP|R
QSHSMHMLGVLAT|ARHAT|QTKM|F|IYVYK|PRT|---SQF|I|SLNKYL|EAVN|HKL|SVGMRF|KMR|FEGEDSPERRY|SGT|IVGVK|D|CSP|-HVKD|SK|WR|CL|EVH|W|DE|P|ARNK|G
GTGRV|VEA|V|AE|A|V|ARA|C|Q|Q|F|E|V|VY|YPRAS|T|PEF|CVK|AADV|RS|AMR|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VSA|VQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLAT|ASHAVT|TT|IFV|VYK|PRI|---SQF|I|SVNPKMMAKNGF|SLGMRYRMR|FEGEESPER|FTGT|IGSGD|SS|-QWPASK|WR|SLK|VQW|DEP|TRPDK
QIDCMR|HGVVASAKHAFD|NQCMFTVYK|P|RS|---SKF|I|SVYDKFL|DAVNNKF|NVGSRF|TMRLEGGDDF|SERRCFGT|I|IGVSD|FSP|-HWK|CSEW|RS|L|EVQW|DEFT|GPKK|K
QANCMQ|HGV|I|ASV|VNAF|KTCM|FNVYK|P|SS|---SQFVI|SYD|K|FVDA|NNNNY|I|VGS|FR|MRQ|FEGKDF|SEKRYDGT|I|IGVND|MS|P|-HWK|DSEW|RS|L|K|VQW|DEL|SRP|NQ
QIESMR|HGI|IASAKHAFD|NQCMF|IVVYK|P|RS|---SQF|I|SVYDKFL|DAVNNKF|NVGSRF|TMRLEGGDDF|SERRSFGT|I|IGVSD|FSP|-HWK|CSEW|RS|L|EVQW|DEF|ARNQ|G
QIDCMR|HGV|I|ASAKHAFD|NQCMF|IVVYK|P|RS|---SQF|I|SVYDKFL|DAVNNKF|NVGSRF|TMRLEGGDDL|SERRYFGT|I|IGVSNF|SP|-HWK|CSDW|RS|L|EVQW|DEF|ARNK|G
KGKYG|TAE|SV|IEAAT|LAI|SGRPEFV|Y|YPRAS|T|SEF|CVKAL|DARA|AMR|I|PWC|SGMRF|KMA|FET|EDSSR|I|SF|MG|T|VSA|VQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
SNGKL|TAE|AVT|DAI|NRAS|QGLP|FEV|VY|YPAAGW|SEFV|VRAEDV|ESSMS|MYF|P|GTRV|KMA|MET|EDSSR|I|TFQGI|VS|STYQ|ETG|-PWRG|SPW|K|Q|L|I|TWDEP|ENVK|R
QSQSMHMLGVLAT|ASHAVR|TT|IFV|VYK|PRI|---SQF|I|GVNKY|MEA|I|KHG|FSLGTRFMR|FEGEESPER|FTGT|IGVSGD|SS|-QWPASK|WR|SLK|VQW|DEP|TRPDK
TSDSMH|IGLLAAAAHA|A|A|NS|PFT|IFYNPRASP|SEFV|PLAKY|NKALYQVSL|GMRF|RMMF|ET|EDCGVRRY|MG|VTG|I|S|DL|DPV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
QIDCMR|HGV|I|ASAKHAFD|NQCMF|IVVYK|P|RS|---SQF|I|SVYDKFL|DAVNNKF|I|VGS|FR|TMRLEGGDDF|SERRYFGT|I|IGVND|FSP|-HWK|CSEW|RS|L|EVQW|DEF|ARNK|G
QIDCMR|HGV|I|ASAKHAFD|NQCMF|IVVYK|P|RS|---SQF|I|SVYDKFL|DAVNNKF|NVGSRF|TMRLEGGDDF|SERRYFGT|I|IGVSD|FSP|-HWK|CSEW|RS|L|EVQW|DEF|ARNK|G
QIESMR|HGI|I|ASAKHAFD|NQCMF|IVVYK|P|S|I|RSQF|I|SVYDKFL|DAVNNKF|NVGSRF|TMRLEGGDDF|SERRYFGT|I|IGVSD|FSP|-HWK|CSEW|RN|L|EVQW|DEF|ARNK|G
QSHSMHMLGVLATAWHA|ISTGT|MF|TVYK|PRT|SPSEF|IVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EESDPT|RWPKSK|WRSLK|VRWDET|SRPDR
QSDSMH|IGLLAAAAHA|A|A|TNSC|T|VFY|NPRASP|SEFVI|PLSKY|KAVY|F|HR|ISVGMRF|RML|FETE|ESSV|RRY|MG|T|IG|I|S|DL|DPV|RW|P|N|SH|W|RS|V|K|V|GW|DE|ST|RP|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVN|LNKYL|EAQNHKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
PDSM|H|IGLLAAAAHA|A|A|NS|PFT|VY|NPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RRNR
PSSHMH|IGLLATVMAH|YSTGSMFTVYK|PRTSPA|EFI|PIDKYR|ESV|K|NYA|I|GMRF|KMF|E|A|E|A|P|EQRF|SGT|IVGEEADP|KWK|P|RSK|WR|CLL|QVW|DEP|SRPDR
QADSMH|IGVLA|AAAAHA|AGNRS|PFT|IFYNPRAC|PSDFVI|PLIKFRK|TVFGQV|SVGMRF|GMMF|ET|EESGKRRY|MG|T|IVGI|S|DL|DPL|RW|P|GSK|WR|N|L|QV|EWD|E|GKQNR
QADSMH|IGVLA|AAAAHAT|ANRSPFT|IFYNPRAC|PSDFVI|PLIKFRK|AVFGQV|SVGMRF|GMMF|ET|EESGKRRY|MG|T|IVGI|S|DL|DPL|RW|P|GSK|WR|N|L|QV|EWD|E|GKQNR
PDSM|H|IGLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVSLNKYL|EVRN|HKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
QSHSMHMLGVLATAWHA|YSTGT|MF|TVYK|PRTSPA|EFIVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EADP|SRW|K|SK|WR|CLL|QVW|DET|SRPDR
IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
PDSM|H|IGLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVSLNKYL|EVRN|HKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
QSHSMHMLGVLATAWHA|YSTGT|MF|TVYK|PRTSPA|EFIVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EADP|SRW|K|SK|WR|CLL|QVW|DET|SRPDR
IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
PDSM|H|IGLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVSLNKYL|EVRN|HKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
QSHSMHMLGVLATAWHA|YSTGT|MF|TVYK|PRTSPA|EFIVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EADP|SRW|K|SK|WR|CLL|QVW|DET|SRPDR
IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
PDSM|H|IGLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVSLNKYL|EVRN|HKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
QSHSMHMLGVLATAWHA|YSTGT|MF|TVYK|PRTSPA|EFIVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EADP|SRW|K|SK|WR|CLL|QVW|DET|SRPDR
IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
PDSM|H|IGLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVSLNKYL|EVRN|HKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
QSHSMHMLGVLATAWHA|YSTGT|MF|TVYK|PRTSPA|EFIVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EADP|SRW|K|SK|WR|CLL|QVW|DET|SRPDR
IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
PDSM|H|IGLLAAAAHA|A|A|TNS|RFT|IFYNPRASP|SEFVI|PLAKY|KAVY|SQY|SLGMRF|RMMF|ET|EESGT|RRHMG|TGT|IG|I|S|DL|DAV|RW|N|SH|W|RN|L|QV|GW|DE|ST|RP|R
IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
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QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
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IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
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IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
QSQSMHMLGVLATA|SHA|I|ATGT|LFSV|YK|PRT|SRSEF|IVSLNKYL|EVRN|HKL|SVGMRF|KMR|FEGEEV|P|ERRF|SGT|IVGVGDN|ISGWADSEW|RS|L|K|VQW|DEP|SRP|R
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IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV|K|R
KNQQLNQSSLADVANA|ISMSAFRI|YYNPRASS|SEFVI|PFNNK|FLKSLDQSF|SAGMRV|KMR|FET|E|DAA|E|RRY|TGL|IG|I|SEL|DPT|RW|P|GSK|WK|CLL|VRWDDT|ERHSR
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IKGKY|AE|SV|IEAAS|LAANGQ|PEV|VY|YPRAS|T|PEF|CVKAS|AVRS|AI|QI|WQ|CGMRF|KMA|FET|EDSSR|I|SF|MG|T|ISSVQ|VADP|I|RW|P|NSP|WR|L|QV|AW|DEP|DNV|K|R
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QSQSMHMLGVLATA|SHA|I|STLTLFVYK|PRT|---SQF|I|SLNKYL|EAVN|K|FAYG|MRF|KMR|FEGEDSP|RRF|SGT|IVGVDF|SP|-HWNDSK|WR|SLK|VQW|DEP|ARPDR
QSHSMHMLGVLATAWHA|YSTGT|MF|TVYK|PRTSPA|EFIVPFDQYMESVKNNYS|IGMRF|KMR|FEGEEA|P|EQRF|TGT|IVGI|EADP|SRW|K|SK|WR|CLL|QVW|DET|SRPDR
IRGK|VRAESV|I|QAAVLA|ANGLP|FETVY|YPRANTPEFFV|KASL|VKT|VMQ|I|RWCS|GMRF|KMA|FET|EDSSR|I|SF|MG|T|VCSVQ|ADP|L|CWP|GSP|WR|L|QV|T|W|DEP|DNV

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ARF22/1-600
ARF23/1-222
ARF2/1-859
PoptrARF8.1/1-827
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Consensus

