

NfdA	MTQ-----M-----RD	6
LAF3-1	MTGWYEFVPMIGFVSAAVFLLSVAYLPLLNDLYWSTLKSPTPPAGIVAD	50
AepA	MNH-----KGTIYM-----TSATHAD	16
NfdA	LMIINANVRTVDARNSCAQAVLVSGGRIAVGTETEVRCAAAPDAEVLDV	56
LAF3-1	LLVTNGTIFTSDSSLPFADSMATRNGRILKVGSFATLKCFIGDGLMEVNL	100
AepA	LILTNGRIYTVDTARPWAQAVAISSGRILAVGSTAEIEAYRTGETEVVDL	66
	↓ ↓	
NfdA	SGKTVVPGFIDAHHLSVAAFAPDSVDCSTPEPLATLDEVLEVIERHCRNI	106
LAF3-1	EGKIVVPGGLIDSHVHLISGGLOMAQVG--LRGVSQKDEFCKMKDAVQNA	148
AepA	GGRMAMPGFVDVHNHIMGG-QADLFETQLPAGASVDDICAHVRRQAEAA	115
NfdA	PPGOWVRGINFHASHIREQRNPTRYE-LDEVAPNPFLLIDASCHAGFAN	155
LAF3-1	KEGSWILGGGWNNDFWGGELPSASW--IDEISPRNPVLLIRMDGFMALAN	196
AepA	VPGOWIIANOWGADMITALNSEASLAKLDAASLGHPVLLRDETMRNRVVN	165
NfdA	SAALDLVGI GAHTPEPWGGEIERD-LSCKPTGILL EAAANLLHSASW-ND	203
LAF3-1	SLALKIAGVILSTEDPVGGTIMRMP-SGEPTGLLIDAAMELV--TPWVKE	243
AepA	SVALQMCGIANDQDPDPAGSFGDRDPATGRLTGLLVE SAAGIVERVAA-DH	214
NfdA	YAEERDWDRAVELLHSKMNDYLAVGLTGVGDAMVTA-----KS-AEIVRR	246
LAF3-1	ISVDERREALFRASKYALTRGVTVIDLGRYFPGTTDELSWDFQDVVLY	293
AepA	FTEAMGEAAIARAVEIVNSYGVTAFOAASVLEIM-----KALTEI---	255
NfdA	ADAAGKM-PFTLQQLHGGDHFFSMQDLGRSDTVDRIMEPESYL---LRGG	292
LAF3-1	ADSSKMMIRI---CL-----FFPITTSR--LLDLKLOKGSVISEWLYLG	334
AepA	-CNKGLTAWAVTSLPIEPSF-MFGLSGDELLALRDEYRTRH---VRPN	300
NfdA	AMKIFVDRAYPSPAIDQIHGDC-----KTHVGFANFYKSEVHDLAVRA	335
LAF3-1	GVKAFIDGSL-GSNSALFYEEYIDT---PNNY-CLEVMDPEKISNFTMAA	379
AepA	FTKIFLD-GVPGARTSAFHDAYLDDGVHPRGYRGETLVTPDILVQHIDKS	349
	↓	
NfdA	SKLGINLAIHGMGNCAIDIVLDAYEAVRROSNADEVLR-LEHAFIAETGQ	384
LAF3-1	DKSGLOVAIHAI GDKANDMILDMYESVAAAANGDRRRFRIEHAQHLPQS	429
AepA	EKLGMLKIHCTGDYAVTEMLDAVEAVRHFNGPAKVMHHTAHASVVRPQD	399
NfdA	GORMADL GIDL VANPGLAFGW-GEVENMWRGE---NOEHLK-LFPVRSML	429
LAF3-1	ANRFGQLHIVASVQPDHLLDDADSV-----AKKLCSERAVKESYLFQSLL	474
AepA	VERFAKLSVVALDLSPI---WYPTTFLEGHKEAMCERATR-FWPIADLH	445
	↓	
NfdA	DAGVRVSLASDHPCGTYSPAEIMWTAV-----ARETMACAPLEPDEA	471
LAF3-1	NGNALLALGSDWPVADINPLHSIRTAVKRI PPKWDH-----AWIPSER	517
AepA	KSGALLAGGSDWPV---IPVPDPWTGIEGMVTRQNPSPGAFPCVALWPEQA	492
NfdA	VTADEALRMYTINPAHASGRGSEEGSIEAGKRANLLVLD RDPVDCATGEL	521
LAF3-1	ISFTDALIAQTISAARAFLDHHLGSLSPGKLADFVILSTNSWDEF SKDV	567
AepA	IDLATAIRIFTLNSAIAMGIGAETGSIIEPGKSADIVLLDQQVFDVAPDRI	542
NfdA	RELQVLRITYVDGVLRYERTGS	542
LAF3-1	SA-SVLATYVGGKQLY----P	583
AepA	ADTKVLTTFYFAGRAVYRR---	560