




logo

				
Acr00023	type	I-D	MDYEEVIQTIKEFFNSKNAEFNVGQPQKTENNTISIVVDFKEPIELTEEEYDDLDFLDNLGFYPINGAENQVNN	75
Acr00024	type	I-D	MNGNEIVEEILEFLNKKGAKFDIDQ.FETENKTLKLEVEFPKPIILTETEDYDMLYDLLKSLGFYPVNGAENKINE	74
Acr00022	type	I-D	MMEELMEKIKEFLDGKNAEYNIGQPEETVNDTTLVEIKLGKPIELTENEYEKLSDLLRFLGFRPTDIWENRVND	74
Acr00044	type	I-D	MEKQDLEKIESDIINDWTEADDLDDALD.FLFM.EKVSEFKIKFKDPLKVTEEEYRELLGNVDSSNSVSSN	69
Acr00045	type	I-D	MIKMLIK.DLKNVLN.VFFANQKIKELSTEFKEPLLLTEKELEEVTGNYDYKNESRYE	56
Acr00041	type	I-D	MEFEDLDVVLY.VFFENQEMKSFEFEFKELFEITENGLRYLVGVDPDSRNKIKSN	53
Acr00042	type	I-D	MEFEDLDVVLY.VFFENPEMKSFEFEFKELFETTENGFKYLVGVDPDSRNKIKSS	53
Acr00043	type	I-D	MEFEDLDVVLY.VFFENPEMKSFEFEFKQLFETTESGLRYLIGVPDSRNKIKNN	53
Acr00037	type	I-D	MNLKKVKRIID.MFFKEKNLDELTLAFKRPLIITENEYNELVKRPNLSFEDKDP	53
Acr00038	type	I-D	MNLKKVKRIID.MFFKEKNLDELTLAFKRSLILTENEYNELVRRPNLSFIDKDP	53
Acr00039	type	I-D	MNLKKVKRIID.MFFKEKNLDELTLAFKRPLIVSENEYNELVGRPNLSFVDKDP	53
Acr00036	type	I-D	MGFREVKRILN.IFLKDENIEELTLKFENPLKITLDEYNELTRNFKLIDAKNDC	53
Acr00034	type	I-D	MD.LFFEDSIIQELSLKFKISFEINEEEYQQLIE	33
Acr00035	type	I-D	MSYFYENIGERKISFKEVKKIID.LFFEDSNIQELSLKFKMSFEINEEYQQLIE	54
Acr00033	type	I-D	MFFEDSNIQELSLKFKISFEINEEDYRQLVE	31
Acr00032	type	I-D	MSYFYGNIGERKISFKEVKKIID.LFFEDSNIQELSLKFKISFEINEEDYRQLIE	54
Acr00048	type	I-D	MK.YEVLNQIVN.QVFEDSTVDELQLRFREDVEVSPEEFKQLIGQGTIVTGTEDY	53
Acr00047	type	I-D	MK.FETLSQIVD.QVFEDTTVDELQLRFREDVELNESQFKELIGQGTIVTGYEDY	53
Acr00046	type	I-D	MHICKSEVKGMKSMQNLSQLESYMKKFFEDQTAKEMVVLFSPIVITEEEYRGLISRGTRIAGTENY	67
Acr00051	type	I-D	MVKKME.FEELKSIID.KFFQDSTIIRINLRFNKEVIVSYNQFEELIRNGDLTHRYADK	57
Acr00052	type	I-D	ME.FEELKSIVD.KFFKDKTIIIRLNLRFDKDEVITYDQFQEIIRBGDLLHRYSD	53
Acr00050	type	I-D	ME.FEELKSIID.KFFQDSTIIRINLRFNKEVIASVDQFEEIVKDDADLLHRYDDR	53
Acr00049	type	I-D	ME.FEELKSIVE.KFFQDQTIVRMNMLNKEIIVSYNQFEEI IKDGDLYRYAEK	53
Acr00054	type	I-D	MN.YKELKDMLS.PIFENSELWEIDLVSPELEITEEFKELIQNAILLQQVIN	53
Acr00053	type	I-D	MKKDLYMRKIRYKRSRDKMK.YKTLKDMLS.PIFENSELWEIDLVSPELDEQFEKELIQNAILLQQVIN	71
Acr00004	type	I-D	MKKMK.FETLKNMIN.PVFENSEIWEVDLIFSEEIELTEDEYKDLTKNADPLQEIINDTTG	59
Acr00003	type	I-D	MN.YKELEKMLD.VIFENSEIKEIDLFFDPEVEISKQEFEDLVKNADPLQKVVG	53
Acr00055	type	I-D	MN.YKELEKMLD.VIFENSEIKEIDLFFDPEVEISKQEFEDLVKNADPLQKVVG	53
Acr00040	type	I-D	MK.FKELKELVN.IFSKNAEIKEI IKTNDLSIELSGDEFYELTKDKKFVNTSVKN	53
Acr00027	type	I-D	MKTQLLKQ.IFNSQKAEIEELKEPLKLSRSQVLELLQMFGKVQRSIITS	49
Acr00028	type	I-D	MKAQLPKQI.LKQIIFNSKNAEEIEFEFPVMLTKSQVREV.FGRPK.SIITA	50
Acr00029	type	I-D	MLYYSKRLKILRHEKIKRYKCKRMKKDLNMRFYIMYISDQKMTNENVKKIRK.IIDFFINSSDKEKEINF	94
Acr00005	type	I-D	MIKAITMDSEELRNLLY.IEYPESDINEIEVLDTVPPEEEAETVVRELLVNYTEHGINYND	59
Acr00006	type	I-D	MIKAITMDSEQLRNLLY.IEYPESNIDEIEVLDTVPPEEEAETVVRELLVNYTEHGINYND	59
Acr00007	type	I-D	MIKAITMDSEELRNLLY.IEYPESNINEIEVLDTVPPEEEAETVVRELLVNYTEHGINYND	59
Acr00291	type	II-C	MFKRAIIFTSFNG.LETVSQTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00290	type	II-C	MFKRAIIFTSFNG.FEKVSRTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00293	type	II-C	MFKRAIIFTSFNG.FEKVSRTEKRQLAKITNSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00295	type	II-C	MFKRAIIFTSFNG.LETVSQTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00299	type	II-C	MFKRAIIFTSFNG.LETVSQTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00297	type	II-C	MDRQQACHRHLDGFKDKRDKFKMFKRAIIFTSFNG.LETVSQTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	85
Acr00296	type	II-C	MFKRAIIFTSFNG.LETVSQTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00298	type	II-C	MFKRAIIFTSFNG.FEKVSRTEKRQLAKIINSEVSIINEHLEAKATNASLDGQYRAFLFNDESP	63
Acr00259	type	II-C	MDEIDDLSDLPMPRFIWGF AIFTPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESGIDGRIVHYDEPGR	76
Acr00260	type	II-C	MDEIDDLSDLPMPRFIWGF AIFTPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEESGIDGRIVHYDEPGR	76
Acr00261	type	II-C	MDEIDDLSDLPMPRFIWGF AIFTPKGGEVMHDEFEYLTHTRAPRFTCRVVELEDMPVDSEETGIDGRIVHYDEPGR	76
Acr00284	type	II-C	MDEIEDLSDLPMPRFIWGF AFAAGRSGEVLHDEFEYLTHTRSPRFTCRVVELEDVPTDNDEGGIDGRIVHPDDPRR	76
Acr00108	type	I-F	MINERQEIKKMT.TYFSETSNINAYATAEALKAQTLADAKREASRRQCFQG	51
Acr00106	type	I-F	MT.TYFSETSNINAYATAEALKAQTLADAKREASRRQCFQG	41
Acr00104	type	I-F	MTNVVYFTETNNINAYATAEALKAQTLADAKREASRRQCFQG	43
Acr00107	type	I-F	MTNVIYFTETNNINAYTTAEALKAQTLADAKREASRRQCFQG	43
Acr00109	type	I-F	MTTTTTYFSESSSVNAIAQAEMLKATNLSADAKREASRRQCFQG	43
Acr00025	type	I-D	MDTHEFHKLKLIKVVDFLEDRIKEFELKLNTT.LDELEFEELIGKPDSSNSAENN	54
Acr00031	type	I-D	MAKTLHELID.DFFKSQDKQLVIYFAEKVEVDEAEFKELVGNYPIDFVVTG	51
Acr00010	type	I-D	MIDEKAQEKVIN.LSQKYVNSRKILAKVRRNRLERKIIKELAEFYGIRKDNIELFNN	56
Acr00314	type	V-A	MKIELSGGYIC.YSIEEDEVTIDMVEVTTKRQGIGSQLIDMVKDVAREVG	49
consensus				

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			YIGYKSWVGDEFENDDGDDEVIVYYTKVCTGGKTTFF..KKIEVE..LNIQENTNEL.....129
Acr00023	type	I-D	YVGYKNYTGIEEFENDAGDKIWLEYNKVSVGGETTYF..VKNVEVE..LNTEEFMNLFF.....129
Acr00024	type	I-D	SLNYSYKGVDEFDLDKNNDQVRIYYTKVSTGDETTYF..VKNIEFETEENIQYFNELKKYVNELF.....138
Acr00044	type	I-D	.....GITIDQYTYDEDDDDIMYKLEFTYRKEDNKIY..IYEVQGWREKKK.....112
Acr00045	type	I-D	.....DIHMLEYNYREFNNIISKLEITYIKKDNKIA..ITEIHLWRKYEK.....99
Acr00041	type	I-D	.....SEIIEEFIYYQNDNIVIKLTFYYTKDTNKIY..IRKIYGWREKRSESENEEDNI.....105
Acr00042	type	I-D	.....SEIIEEFIYYQNDNIIKLTFYYTKGTNKIY..IRKIYGWREKRLENEDEENNI.....105
Acr00043	type	I-D	.....NEIIEEFIYYQNDDIVTKLIFYTKGTNRIY..IRKIYGWKEKRLESEDEE.....102
Acr00037	type	I-D	.....WVTSDEFVYYELSNRVVKLIHYFKEDDIIN..LEIDLFREKR.....95
Acr00038	type	I-D	.....WITSDEFVYYELSNKVVVKLIHYFKEDGFIN..LEIDLFREKR.....95
Acr00039	type	I-D	.....WVLSDEFVYYELSNLTVKLIYYFKKGFH..LEIDLFREKR.....95
Acr00036	type	I-D	.....WISINMFMYDLSKTVVKLIHFYSDYDTIN..VYEINLFPHEKR.....95
Acr00034	type	I-D	.....LAFSQFIYPSNDNIEIKINTKELADNEKAL..LYEIQLWRTKKS.....75
Acr00035	type	I-D	.....LAFSQFIYSSNDNIEIKINTKELTDNEKAL..LYEILRTKKS.....96
Acr00033	type	I-D	.....LALSQFIYPLNDNIEIRINTKELADNEKDL..LYEIQLRTKKL.....73
Acr00032	type	I-D	.....LAFSQFIYPLNDNIEIRINTMELTDNEKDL..LYEIQIVRTKKL.....96
Acr00048	type	I-D	.....GVITDIYEYWEEGKRYVKMLLVYKKDEKYY..VMELQMWREIKL.....96
Acr00047	type	I-D	.....GTITDIYEYWETGKQYVKFLIVYKKDEKIY..IMELQMWRELKLSKP.....100
Acr00046	type	I-D	.....GMINEIFEFHESQKQYVKMMLLVYKDTDKIY..INRIDCWRETSFLNEDEEDNI.....119
Acr00051	type	I-D	.....NITSDIYEYREN...INSIIDYYWKDNKIC..LEIDFWRSS.....94
Acr00052	type	I-D	.....KITSDEVYREYREN...INSIIDYYWKDNKIH..IVEIDFWRSS.....90
Acr00050	type	I-D	.....NIRTDICEYRKN...INSIINYVKDSKVY..IVEIDFWRSS.....90
Acr00049	type	I-D	.....NRTVDIFYEYRNN...IHSIINYFWKDNKVC..IEIDFWRSR.....90
Acr00054	type	I-D	.....KIYSDIFYEWWEFENQYKLQVKYKDETEKIY..LRELYFWREVKK.....96
Acr00053	type	I-D	.....KIYSDIFYEWWEFENQYLELEIDYYRYDDKIF..VLELHFWRREEK.....114
Acr00004	type	I-D	.....VNIYTDTYEWWEFNNQYLELEIDYYRQNDKIY..LLELHFWRKVKK.....103
Acr00003	type	I-D	.....NYITETFEWWEFENQYLEFELDYVVKDEKIF..VLEMHFWRKIRK.....96
Acr00055	type	I-D	.....NYITETFEWWEFENQYLEFELDYVVKDEKIF..VLEMHFWRKIRKLE.....98
Acr00040	type	I-D	.....AIFTVEFE...QNEFTKFLFKYEEIDDIAY..VKEIKMWREV.....90
Acr00027	type	I-D	.....RGDIWTELLFYDSGVKIVITYEIQDNKIG..IHKIKMVRG.....87
Acr00028	type	I-D	.....NGDLWTEVLFYDSGVKIVI...IQDNKIFR..IHKIKMVRG.....86
Acr00029	type	I-D	.....RFDLWTELLIYDD..FKIIIIYENSDDKVFKIYKIKLMKN.....132
Acr00005	type	I-D	.....TVDIIVDDEPYNDIPMKILFDYMKDYGKTCFSIILKLTEEYYSDFLPLDTAQSANDITKTLIK123
Acr00006	type	I-D	.....TVDIIVDDEPYNDIPMKVLFYDMKDYGKTCFSIILKLTEEYYSDFLPLDTAQSANDITKTLIK123
Acr00007	type	I-D	.....TVDIIVDDEPYNDIPMKVLFYDMKDYGKTCFSIILKLTEEYYSDFLPLDTARSANDITKTMIK123
Acr00291	type	II-C	...AMTEFLAKLKAFaesCTGISIDaweIEESEYVRLPVERRDFLAAA..NGKEIFKI.....116
Acr00290	type	II-C	...AMTELLAKLKAFaesCTGISIDaweIEESEYVRLPVERRDFLAAA..NGKEIFKI.....116
Acr00293	type	II-C	...AMTEFLAKLKAFaesTAGINIDaweIEESEYVRLPVERRDFLAAA..NGKEIFKI.....116
Acr00295	type	II-C	...AMTEFLAKLKAFaesTAGINIDaweIEESEYVRLPVEQKDFLAAA..NGKEIFKI.....116
Acr00299	type	II-C	...AMTEFLAKLKAFaesTAGINIDaweIEESEYVRLPVEQKDFLAAAANGKEIFKI.....117
Acr00297	type	II-C	...AMTEFLAKLKAFaesTAGINIDaweIEESEYVRLPVEQKDFLAAA..NGKEIFKI.....138
Acr00296	type	II-C	...AMTEFLAKLKAFaesTAGINIDaweIEESEYVRLPVEQKDFLAAA..NGKEIFKI.....116
Acr00298	type	II-C	...AMTEFLAKLKAFaesTAGINIDaweIEESEYNSLPKQKDFLAAA..NGKEIFKI.....116
Acr00259	type	II-C	..LFYISDAGIALVNFELFDKVPEKQKLKKICDEAIENWMLRRDFLDSE..EGEEG.....128
Acr00260	type	II-C	..LFYISDAGIALVNFELFDKVPEKQKLKKICDEAIENWMLRRDFLDSE..EGEED.....128
Acr00261	type	II-C	..LFYISDAGIALVNFELFDKVPEKQKLKKICDEAIENWMLRRDFLDSE..EGEED.....128
Acr00284	type	II-C	..MFYITDAGMALVNFAMFDKMPERQKLKQICDDAIANWMLRREFLEEG..EGEDDEE.....130
Acr00108	type	I-F	.....TTLKIG..TIYSLNSDGLLVD..EITSKEDGKKWVDR..Y.....85
Acr00106	type	I-F	.....TTLKIG..TIYSLNSDGLLVD..EITSKEDGKKWVDR..Y.....75
Acr00104	type	I-F	.....TTLKIG..TIYSLNSDGLLVD..EITSKEDGKKWVDR..Y.....77
Acr00107	type	I-F	.....TTLKIG..TIYSLNSDGLLVD..EITSKEDGRKWVDR..Y.....77
Acr00109	type	I-F	.....TALKIG..TIYSLNANGLLVD..EIASKEDGKKWVDR..Y.....77
Acr00025	type	I-D	.....GIFIDEYSYDASENAIKKLFVEYVRQPEFKYTVLSIKGVNDWVRE.....99
Acr00031	type	I-D	.....KVNVDLYYIINKGYVEIG..YIKKEQGKYQLLSIHAYKECEQQ.....92
Acr00010	type	I-D	...EIEFEFKRQYEIEDLKQEIINVIVNLKIRKENNKLKLEVKLEKSITSNS.....105
Acr00314	type	V-A	.....LPIGLYAYPQDDSIQEDLIEFYFSNDFEYDPDDVDGRLMRWS.....92
consensus			.....LPIGLYAYPQDDSIQEDLIEFYFSNDFEYDPDDVDGRLMRWS.....92

*

 non conserved
 similar
 $\geq 50\%$ conserved