>AtABF1

MGTHIDINNLGGDTSRGNESKPLARQSSLYSLTFDELQSTLGEPGKDFGSMNMDELLKNIWTAEDTQAFMTTTSSVAAPGPSGFVPGGNGLQRQGSLTLPRTLSQKTVDEVWKYLNSKEGSNGNTGTDALERQQTLGEMTLEDFLLRAGVVKEDNTQQNENSSSGFYANNGAAGLEFGFGQPNQNSISFNGNNSSMIMNQAPGLGLKVGGTMQQQQQPHQQQLQQPHQRLPPTIFPKQANVTFAAPVNMVNRGLFETSADGPANSNMGGAGGTVTATSPGTSSAENNTWSSPVPYVFGRGRRSNTGLEKVVERRQKRMIKNRESAARSRARKQAYTLELEAEIESLKLVNQDLQKKQAEIMKTHNSEVITFFLYLSKGIFEAASIAGQKTMLEKNPYRSVVRR

>AtABF2/AtAREB1

MVQIQLLGGSRFCRKMDGSMNLGNEPPGDGGGGGGLTRQGSIYSLTFDEFQSSVGKDFGSMNMDELLKNIWSAEETQAMASGVVPVLGGGQEGLQLQRQGSLTLPRTLSQKTVDQVWKDLSKVGSSGVGGSNLSQVAQAQSQSQSQRQQTLGEVTLEEFLVRAGVVREEAQVAARAQIAENNKGGYFGNDANTGFSVEFQQPSPRVVAAGVMGNLGAETANSLQVQGSSLPLNVNGARTTYQQSQQQQPIMPKQPGFGYGTQMGQLNSPGIRGGGLVGLGDQSLTNNVGFVQGASAAIPGALGVGAVSPVTPLSSEGIGKSNGDSSSLSPSPYMFNGGVRGRKSGTVEKVVERRQRRMIKNRESAARSRARKQAYTVELEAEVAKLKEENDELQRKQARIMEMQKNQETEMRNLLQGGPKKKLRRTESGPW

>AtABF3

MGSRLNFKSFVDGVSEQQPTVGTSLPLTRQNSVFSLTFDEFQNSWGGGIGKDFGSMNMDELLKNIWTAEESHSMMGNNTSYTNISNGNSGNTVINGGGNNIGGLAVGVGGESGGFFTGGSLQRQGSLTLPRTISQKRVDDVWKELMKEDDIGNGVVNGGTSGIPQRQQTLGEMTLEEFLVRAGVVREEPQPVESVTNFNGGFYGFGSNGGLGTASNGFVANQPQDLSGNGVAVRQDLLTAQTQPLQMQQPQMVQQPQMVQQPQQLIQTQERPFPKQTTIAFSNTVDVVNRSQPATQCQEVKPSILGIHNHPMNNNLLQAVDFKTGVTVAAVSPGSQMSPDLTPKSALDASLSPVPYMFGRVRKTGAVLEKVIERRQKRMIKNRESAARSRARKQAYTMELEAEIAQLKELNEELQKKQVEIMEKQKNQLLEPLRQPWGMGCKRQCLRRTLTGPW

>AtABF4/AtAREB2

MGTHINFNNLGGGGHPGGEGSSNQMKPTGSVMPLARQSSVYSLTFDELQNTLGGPGKDFGSMNMDELLKSIWTAEEAQAMAMTSAPAATAVAQPGAGIPPPGGNLQRQGSLTLPRTISQKTVDEVWKCLITKDGNMEGSSGGGGESNVPPGRQQTLGEMTLEEFLFRAGVVREDNCVQQMGQVNGNNNNGFYGNSTAAGGLGFGFGQPNQNSITFNGTNDSMILNQPPGLGLKMGGTMQQQQQQQQLLQQQQQQMQQLNQPHPQQRLPQTIFPKQANVAFSAPVNITNKGFAGAANNSINNNNGLASYGGTGVTVAATSPGTSSAENNSLSPVPYVLNRGRRSNTGLEKVIERRQRRMIKNRESAARSRARKQAYTLELEAEIEKLKKTNQELQKKQAEMVEMQKNEQLKETSKRPWGSKRQCLRRTLTGPW

>AtABI5/AtDPBF1

MVTRETKLTSEREVESSMAQARHNGGGGGENHPFTSLGRQSSIYSLTLDEFQHALCENGKNFGSMNMDEFLVSIWNAEENNNNQQQAAAAAGSHSVPANHNGFNNNNNNGGEGGVGVFSGGSRGNEDANNKRGIANESSLPRQGSLTLPAPLCRKTVDEVWSEIHRGGGSGNGGDSNGRSSSSNGQNNAQNGGETAARQPTFGEMTLEDFLVKAGVVREHPTNPKPNPNPNQNQNPSSVIPAAAQQQLYGVFQGTGDPSFPGQAMGVGDPSGYAKRTGGGGYQQAPPVQAGVCYGGGVGFGAGGQQMGMVGPLSPVSSDGLGHGQVDNIGGQYGVDMGGLRGRKRVVDGPVEKVVERRQRRMIKNRESAARSRARKQAYTVELEAELNQLKEENAQLKHALAELERKRKQQVKTPIEFALLRWLQYFGQKKTTKWNCWFMVAVF

>AtDPBF2

MSVFESETSNFHVYNNHEIQTQPQMQTFLSEEEPVGRQNSILSLTLDEIQMKSGKSFGAMNMDEFLANLWTTVEENDNEGGGAHNDGEKPAVLPRQGSLSLPVPLCKKTVDEVWLEIQNGVQQHPPSSNSGQNSAENIRRQQTLGEITLEDFLVKAGVVQEPLKTTMRMSSSDFGYNPEFGVGLHCQNQNNYGDNRSVYSENRPFYSVLGESSSCMTGNGRSNQYLTGLDAFRIKKRIIDGPPEILMERRQRRMIKNRESAARSRARRQAYTVELELELNNLTEENTKLKEIVEENEKKR

RQEIISRSKQVTKEKSGDKLRKIRRMASAGW

>AtDPBF3/AtAREB3

MDSQRGIVEQAKSQSLNRQSSLYSLTLDEVQNHLGSSGKALGSMNLDELLKSVCSVEANQPSSMAVNGGAAAQEGLSRQGSLTLPRDLSKKTVDEVWKDIQQNKNGGSAHERRDKQPTLGEMTLEDLLLKAGVVTETIPGSNHDGPVGGGSAGSGAGLGQNITQVGPWIQYHQLPSMPQPQAFMPYPVSDMQAMVSQSSLMGGLSDTQTPGRKRVASGEVVEKTVERRQKRMIKNRESAARSRARKQAYTHELEIKVSRLEEENERLRKQKEVEKILPSVPPPDPKRQLRRTSSAPF

>AtDPBF4/AtEEL

MSSQLKATYMGSIRGNIEEPISQSLTRQNSLYSLKLHEVQTHLGSSGKPLGSMNLDELLKTVLPPAEEGLVRQGSLTLPRDLSKKTVDEVWRDIQQDKNGNGTSTTTTHKQPTLGEITLEDLLLRAGVVTETVVPQENVVNIASNGQWVEYHHQPQQQQGFMTYPVCEMQDMVMMGGLSDTPQAPGRKRVAGEIVEKTVERRQKRMIKNRESAARSRARKQAYTHELEIKVSRLEEENEKLRRLKEVEKILPSEPPPDPKWKLRRTNSASL

>AtbZIP15

MDSYWRLKNLVNDLPVSTSLSRQGSIYSWTVDQFQTSLGLDCGSMNMDELVKHISSAEETQEGSQRQGSTTLPPTLSKQNVGEVWKSITEEKHTNNNGGVTNITHLQGQQTLGEITLEEFFIRAGARGGNTNGGSIHDSSSSISGNPHTSLGVQIQPKAMVSDFMNNMVPRSHDSYLHQNVNGSMSTYQPQQSIMSMPNGYSYGKQIRFSNGSLGSGNQSLQDTKRSLVPSVATIPSEAITCSPVTPFPTLNGKQKINGESSLLSPSPYISNGSTSTRGGKINSEITAEKQFVDKKLRRKIKNRESAARSRARKQAQTMEVEVELENLKKDYEELLKQHVELRKRQMEPGMISLHERPERKLRRTKSDIK

>PdABF1

MGTNMNFKGFGNDPPGINPLARQSSIYSLTFEELQNTIGGSGKDFGSMNMDELLKSIWTA

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>PdABF2

MEDRTLESGNGGERPQFPPLARQESYNLSNLDEAQSHLGNINSKPLNGMHFDALLKNVIS

VEEGQQLQNPSSSSLPASFFLGNFNLNGALSRKTADEVWKEIAHHEHVNTVVANESLQQR

LSTIGETPATPEHFLVRAGVINIGNQPSLMNAAQPIMGIDPTVVSQQTDWLQFQMAAVQQ

QMTMLDSNLKVRESVYENSAVNFDYSENQVGMSMPMPAISASSCESRATAVRKRHFSDEMKERTIERRQKRMIKNRESAARSRARKQAYTNELEHEVFQLGKVNSWLKKQKEVEMILASNPTSMPKYQLRRTSSAPY\*

>PdABF3

MGIQTMGSQGGADGNCKQSQFQPLARQNSIYSLTLDEVQNQLGDLGKPLSSMNLDELLKNVWSAEANQTMGMDIEGTTLVNQATLQRQASLSLTSALSKKTVDEVWRDIQQSKNNEEKKSQERQRTLGEMTLEDFLVKAGVVAEAEASSDKKCSAPLAVVDANVGSQFPQGQWLQYQQPQYQHPQQSMMGVYMPSQPIPPPLHIGAGAIMEVPYPDNQVALPSPLMGTLSDTQTPGRKRGNPEDIVEKTVERRQKRMIKNRESAARSRARKQAYTNELENKVSRLEEENERLRKQKELEKVLPSAPPPEPKYQLRRTTSAPF\*

>PdABF4

MVASDESGSIGYDNDNFDFEFEPEQPLEPQEESSQDDSHHSMGNNTKQNSIFSLTLDEIQ

CKSGRNFGSMNMDEFLANIWSVEEENQTQQQPSQCDQDASDKDTTINPITLSRQGSFSIP

TPLCKKTVDEVWSEIDRSRPQHHDPDGNISNSVAPQRQQTIGEITLEDFLVKAGVVQESP

SKSKPPPPKMESTLIQQQCGETNMGNEISTCLDSSFGIGRQLFGSGFFNLQNDVPSNLSG

NGYAIGATYPMLGRQSKVIVGEPSCVSAIEKCHSLPESSSGGGAKNKKRIIDGPPEVVVE

RRQRRMIKNRESAARSRARKQAYTVELEAELNQLKEENTKLKQNVAESEQKRKQELLGKKQSTRAQKLAEKLRTMRRAVSLAW\*

>PdABF5

MGFQTMASQANGQQSHFQPSPLLRQPSWYSLTLDEVKNQLGDTGKPLGSMNLDELLQNLWTAEANQSIEMDIENTSSASSLQRQASLTLARALSGKTVDEVWREIQQGQKKRYGEDMKCQDTEITLGETTLEDFLVQAGLFAEASLSPAIALDTIEVAIPQSYPHNLGLSSSPSFGTHSDTTTPGRKRDASDEYEKTVERRLRRKIKNRESAARSRARKQAYHNELASKVSRLEEENIKLKKEKEFEKMLPSALSAEPKYQLRRISSHHQMAGRPCH\*

>PdABF6

MGVSESEIISHDEVESPLQSDQQATNHLFTSLGRQSSIYSLTLDEFQHTLCENGKNFGSMNMDEFLTSIWTAEENQAINSNHTNINNNHNHHNHHNSNINNIDAHMPLAEASEEKAAAIAKQPSLPRQGSLTLPGPLCRKTVDEVWSEIHKGKQAKQQNSHSSNDGVQNSEFAPRQPTFGEMTLEDFLVKAGVVREPDSMLAAGAVLPPQPQQQQQQYGMYQNSNQAVGPSFANRPVMGMGAAGAAGPSTSAAAGMPNYQGMPQNGATVVAESSGYAANGKRNGAYPAVPPPQAVCFGGRVVNGGGGYAAGQPIGMAAPVSPVSSDGMCTSQVENSGGQFGLDMGGLRGRKRILDGPVEKVVERRQRRMIKNRESAARSRARKQAYTVELEAELNQLREDNAHLKQALAELERKRKQQYFDEMQTRVQIALYDMQDREMIIEEQNWHLPPRGLKLCKLTPMLKWLQGGAND\*

>PdABF7

MGSNFNFKNFGDAPPGEGNGGKAAGNFTLARQPSVYSLTFDEFQNTIGGLGKDFGSMNMDELLKNIWTAEETQGVTSTSGAGEGSAPGGNLQRQGSLTLPRTLSQKTVDEVWKDLIRETSDAKYNTVAMGSNLPQRQQTLGEMTLEEFLVRAGVVREDVQPVVRPNNSGFYGELYRPNNHNGLAPGFQQPSRTNGLLGNRVADNNNSVLNQSPNLALNVGGVRSSQQQTQQLPPQQQPLFPKPTNVAFAPSMHLTNNAQLTSPRTRGPMTGVVEPSMNTVFTQVGGFPGAGIGMTGLGTGGGAVAARSPTNQISPDVIAKSSGDTSSLSPVPYMFSRGRKSNGALEKVVERRQRRMIKNRESAARSRARKQAYTLELEAEVAKLKEMNEELQRKQTEIMEMQKDQILETVKRQRGGKRQCLRRTLTGPW\*

>StAREB1

MGSYMNFKNVADTPQLESNGGKSIGNGDFPLARQSSIYSLTFDELQTTFSGLGKDFGSINMEELLKSIWTAEESQAVTSSTGGGGDGNAPVGNLQRQGSLTLPRTLSQKTVDEVWRNFQKETTVCTKDGSDTGKSNFGQRQSTLGEMTLEEFLVKAGVVGEDMQSTSNSSGITFNNGSSQQNNNNGFNIAFQQPTQNTGLLINQIAANNMLNVVDPTASQQQQPQKQQPLFPKQTTVAFSSPMQLSNNGHLASPRTRAPAVGMSSPSVNANMAQGGVMGMTGFYNGVSPAKGGSPGNDFVARSNVDTSSLSPSPYAYSEGGRGRRSGSSLEKVVERRRRRMIKNRESAARSRARKQAYTLELEAEVAKLKKINEELRKKQAEIIENQKNQLTDKRNMPRGYKLRCLRRTLTGPW

>StAREB2

MGSNYHFKNFGNEPPGEGGSGGGGDGGKQLGNFGLPRQSSIYSLTFDEFLSSTGGSGKDFGSMNMDELLKNIWNAEENQTIGGPGINGQEVGVPRGHLQRQGSLTLPRTLSHKTVDEVWRDMSKEHGGGKDGNSVGVPPNIPQTQRQQTFGEITLEEFLVRAGVVREDAQFAAKSNNTGGIFGDLSYAGNNTGLAFGYQQANNRNTGLMAGSIPNKNGETVIQTANLPLNVNGVRSTQQQLRPQQLQQNHQPQQQQPQQQPIFPKQPALPYGAPMAIPNSGQLGSPGMRVGMVGIPDPALNSNFIQGNALMGGGMNMVGLGASGVTVATASPGVSSSDGLGKSNGDTPSVSPVPYVFNGGLRGRKYSTVEKVVERRQRRMIKNRESAARSRARKQAYTMELEAEVAKLKEENDELQKKQEEMLEMQKNQVMEMMNLHKGAKRRCLRRTQTGPW

>StAREB3

MGSYLNFKNFTDTPQIESNGEKSLGSGSFPLARQSSMYSLTFEELQSTCGLGKDVGSMNLEDLLRNIWTAEDSQALASSAGVGEGRMAAGNLQRQGSLTLPQTLNQRTVDEVWRDFQNETTVSSNLGQKQSNLGEMTLEEFLVRAGVVRDDNQPNGTSNNAGFAGVLGEPSSNNNALNIAFQQPTQWPGLLSNQFAESNMLNVVSVKSSQQQPHQQQPLIPKQRNVDFASPMQLGNNCQLASPRVRALVVSTSSRSVNTTVVQGGVMQNGVTGMAGLRSGVTFAPAKGGSPGNQLSSEMISNDKLNRPSPSPSPYAFNEGRRGRKSCSSLEKVVERRHKRMIKNRESAARSRARKQAYTLELEAEVAKLKEINEELQEKQAEFIDPQKNQLLEKMNMPLGSKLRCLRRTLTGPW

>StAREB4

MGSYLNFKNFADTSQPESSGNNSNFSLARQSSIYSFTFDELQSTCGLGKDFGSMNMDDLLKNIEESQAFPSSAAAGGNLQRQGSLTLPRTLSQRTVDEVWKDFQKESVIANDVSGTGGSNFGQRESTLGEMTLEEFLVRAGAVREDMQPAGYSNDVTFASGFTQPSSSVTIAFQQATQNPGHQIAGNNIFNVVSTTTSSTQQPLFPKQTTVEFASPLQLGGSPGTRPPMSNPSANTSSVMQGGVMTMPVKGVSPGNIDTSSLSPSPYACGEGGRGRRSCTSFEKVVERRRKRMIKNRESAARSRDRKQAYTLELEAEVAKLKEIKQELQKKQAEFIEKQKKQLLEKMNVPWENKLICLRRTVTGPW

>StABI5

MGVPESEMVSQSEVQSPLQPDQNQNKNNPFPSLGRQASIYSLTLDEFQHTVCESGKNFGSMNMDEFLNSIWTAEENQAHAHAHVHAQPHCQAASTGEATSAPRFALGQGNVSLQKAIVEQPSLPRQGSLTLPAPLCSKTVDEVWSEIHKTQQEQQQNNGCSIQNTGNGSSTQRQTTFGEMTLEDFLVKAGVVREQGNSAPAPPQQQSYMMYPNSANPTMARPVIGLGGVTGGVGVGVAIPGYPPLPQTGVVEAPVYPMSMKRGSGFPQQPTPVYGGRMGNGSGVGYGQVVQSVTGMGSPLSPVSSDGLCVNQIDNVGQYGLEIGMRGGRKRVLDGPVEKVVERRQRRMIKNRESAARSRARKQAYTVELEAELNQLKEENAHLKQALAELERKRKQQYFDEAKTKAQTKAQKANGKLRGMRRSFSCP

>StABL1

MGSQGGGGGGGGGVGVNSIGATQTQAQAQAHAQDPKTNALARQGSLYSLTLDEVQNQLGDLGKPLSSMNLDELLKTVWTVEASQGMGGTDYGVLQHGQDASGSSLNRQSSITLTSDLSKKTVDQVWQDIQQGHKRDSIDRKAQERQPTLGEMTLEDFLVKAGVVAESTPGKKSSGSVLGVDSMALPQQQAQWSQYQMHAMHQLPPQQQQQNMLPVFMPGHSVQQPLTIVSNPTIDAAYPESQMTMSPTALLGTLSDTQTLGRKRVAPDDVVEKTVERRQKRMIKNRESAARSRARKQAYTHELENKVSRLEEENERLKRQKEIEQVLPSVPLPEPKYQLRRTSSAPV

>StABL2

MVIQGMGSQGGDMSRDLSKKTVDEVWQDIQQGVKTDNVDKRSQERQLTLGEITLEDFLVKAGVIAESTQGKRISGLVFGVDSMSLTQQAQWPHYQIPAMQQVPEQQHQQQQQNIPPVFMPGHPIQQPLPVVANPIMDATYPETQVTMSPAHIMGTLSDTQTSGRKRVAPHDVAENSVERRQKRMIKNRESAARSRARKQAYTHELENKVSFLEEENEKLKRQKEMEDILPSVPPPEPKYQLRRTSSGPI

>SlABF1

MNSQERELTLGETTLEDYLVKAGLFVADASLGHTMSLDNPTAMQNFVPPIGLSPSPSLSDTPVSDRKRGAMDIDKTIDRRLRRKIKNRESAARSRARKQAYHNELVNKVSHLEEENMKLKKEKELENMLSELSSEPRYQLRRTTSF

>SlABF2

MASKVMPSASTTPNSDRSLHPQNPSSSLNHSHPSRNFDSMNMDEILKNIYSDSDPFACSVSATAAVHTPSATAAGVGDVGPTKTVDEVWREIVAGGGGGGGSREPEMTLEDFLTKAGAVTEEDVRVPVIAPPPPPPPPPATGAPSARGFVVDNMMGTGNCQFPVAMQNGPGGYGMEPQPHMGFGNGVVAITGSGSGSGRGKRRSTVEELPADRATQQKQRRMIKNRESAARSRERKQAYTVELESLVTQLEEENARLLREEEEKNKERLKQIMENLIPVVEKRRPPRVLRRVRSMSW\*

>SlABF3

MGSYMNFKNITDKPQAESNGGKSVGNGDIPLARQSSIYSLTFDELQTTFSGLGKDFGSINMEELLKSIWTAEESQAATSSTGGGEDGIAPVGNLQRQGSLTLPRTLSQKTVDEVWRNFQKETTVCTPDGSETGKSNFGQRQSTLGEMTLEEFLVKAGVVREDMQSTSNSSGITFNNGLSQQNNNNGFNIAFQQPTQNNGLLINQIAANNMLNVVGATASQQQQPQQQQPLFPKQTTVAFASPMQLSNNGHLASPRTRAPAVGMSSPSVNASMAQGGVMGKTGFHNGVSPAKVGSPGNDFI

ARSNVDTSSLSPSPYAFSEGGRGRRSGSSLEKVVERRRRRMIKNRESAARSRARKQAYTLELEAEVAKLKEINEELRKKQAEIIEKQKNQLTDKRNMTCGYKLRCLRRTLTGPW

>SlABF4

MASTKLMASSASRNSDRRKSSAASSSSSSTMPNDLLNQQYSNNGSNNSSNLEATSMTVDGFLRNVYGEGQGTEANTLLNANITLLDAAGAITPISDSETATVSGIPLVRRTVDDVWREIVEGKREQRRAAVAGCKEEAVDEIMTLEDFLVKAGAVEEEALAGEGPVQGEVKVELGTERLSGGIFAFDSPYMAMPQQSVQGYGNGIDVIGGGRGKRKAILEPLDKAALQRQRRMIKNRESAARSRERKQAYQVELESIAVRLEEENEQLLKEKEERTRAHYKQIIEKVIPVVEKRKPPRVLRRVCSMQW\*

>SlABF5

MGSNYHFKNFGNEPPGEGGSGGGGKQPGNFGLPRQPSIYSLTFDEFLSSTGGSGKDFGSMNMDELLKNIWNAEENQTIGGPGINGQEVGVPGGHLQRQGSLTLPRTLSHKTVDEVWRDMSKEHGGGKDGNSVGVPPNIPQTQRQQNLGEITLEEFLVRAGVVREDAQFAAKSNNAGGIFGDLSYAGNNTGLAFGYHQANSRNTGLMAGSIPNKNGETVIQSANLPLNVNGVRSTQQQLRPQQLQQNQQSQPQQQPIFPKQPALPYGAPMAIPNSGQLGSPGMRAGMVGIPDPALNSNFIQGASLMGGGMNMVGLGASGVTVATASPGVSSSDGLGKSNGDTPSVSPVPYVFNGGLRGRKYSTVEKVVERRQRRMIKNRESAARSRARKQAYTMELEAEVAKLKEENDELQKKQEEMLEMQKNQVIEMMNLQKGAKRRCLRRTQTGPW\*

>SlABF6

MGVPESEMVSQSEVQSPLQQDQNQHKNNPFPSLGRQASIYSLTLDEFQHTVCESGKNFGSMNMDEFLNSIWTAEENQAHAHAQPHCQAASTGEATSAPRFALGQGNVSLEKAIVEQPSLPRQGSLTLPAPLCSKTVDEVWSEIHKTQQEQQQNNGCNIQNTGNGSSTQRQATFGEMTLEDFLVKAGVVREQGNSAPAPPQQQSYMMYPNSANPTMAAMARPVIGLGGVTGGVGVGVSIPGYPPLPQTGVVEAPVYPMSMKRGSGFPQQSTPVYGGRMGNGSGVGYGQVVQGVAGMGSPLSPVSSDALCVNQIDSGGQYGLEIGMRGGRKRVLDGPVEKVVERRQRRMIKNRESAARSRARKQAYTVELEAELNQLKEENAHLKQALAELERKRKQQYFDEAKMKAQTKAQKANGKLRGMRRSLSCP\*

>SlABF7

MGSGSFSLTRQSSMYSLTFEELQSTCGFRKDVGSMNLEDLLKNISTAEESRGLASSAGVGEGSMAAGTLQRQGSLTLPRTLNQRTVDEVWRDFQNETTVSSNLGQKQSNLGEMTLEEFLVRAGVVRDDNQPNVTSNNVGFTGVLGEPSSNNNALNIAFQQPTQSPGLLSKFSESNMLNVVNVKSSQQQPQQQQPLIPKKRNVDFASTMQLGNNCQLASPRARAVVVSTSSRSVHATVVQGGVMQNGVKGMAGLLSGVTFAPGGSPGNQLSSEMISKDKLYRSFLSPSPYAFNEGGRGRKSCSTLEKVVERRHKRMIKNRESAARSRARKQAYTFALEAEVAKLKEINEKLQKKQAEFIDSQKNQVMASFTTNSKYLSL\*

>SlABF8

MVIQEMGSRGGGEAKANALATQGSLYSLTLDEVRNQLGNCGKPLNSMNLDEFVKTVWTIESNQEVVGGNDYGPVQQGASQHHPSSITMSRDLSKKTVDEVWQDIQQGVKIDNVDKRSQERQLTLGEITLEDFLVKAGVIAESTQGKRISGLVFGVDSMSLTQQAQWTHYQIPAMQQVPEQQHQQQQQNIPPVFMPGHPIQQPLPVVANPIMDATYPETQVTMSPAHIIGTLSDTQTSGRKRVAPRDVAENSIERRQKRMIKNRESAARSRARKQAYTHELENKVSFLEEENERLKRQKEIEDILPSVPPPEPKYQLRRTSSGPI\*

>SlABF9

MGSQGGGGGGGGGVGVNSIGVTQAQAQAQAHAQDPKTNALARQGSLYSLTLDEVQNQLGDLGKPLSNMNLDELLKTVWTVEASQGMGGTDYGVLQHGQDASGSSLNRQSSITLTSDLSKKTVDQVWQDIQQGHKRDRIDRKAQERQPTLGEMTLEDFLVKAGVVAESTPGKKSLGSVLGVDSMALPQQQAQWSQYQMQAMHPLPPQQHQQQQQNMLPVFMPSHSAQQPLTIVSNPTIDAAYPESQMTMSPTALLGTLSDTQTLGRKRVAPDDVVEKTVERRQKRMIKNRESAARSRARKQAYTHELENKVSRLEEENERLKRQKEIEQVLPSVPLPEPKYQLRRTSSAPF\*

>SlABF10

MGSYLNFKNFADTSQPESSGNNSNSFLAQQSSIYSFTFDELQNTCGLGKDFGSMNMDDLLKNIEESQALSSSAALGGNLQRQGSLTLPRTLSQKTVDEVWRDFQKESVVANDASGTGGSNFGQRESTLGEMTLEEFLVRAGAVQEDMQPAGYSNDVTFASGFTQPSCSVTIAFQQATQNPGHQIAANNIFNVVSTTTSSPQQPLFPKQTTVEFASPMQLGSPGKRLPMSNPSANTSSVMQGGVMTMPVKGVSPGNLDTSSLSPSPYACGEGGRGRRSCTSFEKVVERRRKRMIKNRESAARSRDRKQAYTLELEAEVAKLKEIKQELQKKQAEFIEKQKNQLLEKMNVPWENKLICLRRTVTGPW\*