>ZAPhum-L

MADPEVCCFITKILCAHGGRMALDALLQEIALSEPQLCEVLQVAGPDRFVVLETGGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFKVLKNHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDQISHRASLEDAPVDDLTRKFTYLGSQDRARPPSGSSKATDLGGTSQAGTSQRFLENGSQEDLLHGNPGSTYLASNSTSAPNWKSLTSWTNDQGARRKTVFSPTLPAARSSLGSLQTPEAVTTRKGTGLLSSDYRIINGKSGTQDIQPGPLFNNNADGVATDITSTRSLNYKSTSSGHREISSPRIQDAGPASRDVQATGRIADDADPRVALVNDSLSDVTSTTSSRVDDHDSEEICLDHLCKGCPLNGSCSKVHFHLPYRWQMLIGKTWTDFEHMETIEKGYCNPGIHLCSVGSYTINFRVMSCDSFPIRRLSTPSSVTKPANSVFTTKWIWYWKNESGTWIQYGEEKDKRKNSNVDSSYLESLYQSCPRGVVPFQAGSRNYELSFQGMIQTNIASKTQKDVIRRPTFVPQWYVQQMKRGPDHQPAKTSSVSLTATFRPQEDFCFLSSKKYKLSEIHHLHPEYVRVSEHFKASMKNFKIEKIKKIENSELLDKFTWKKSQMKEEGKLLFYATSRAYVESICSNNFDSFLHETHENKYGKGIYFAKDAIYSHKNCPYDAKNVVMFVAQVLVGKFTEGNITYTSPPPQFDSCVDTRSNPSVFVIFQKDQVYPQYVIEYTEDKACVIS

>ZAPhum-XL

MADPEVCCFITKILCAHGGRMALDALLQEIALSEPQLCEVLQVAGPDRFVVLETGGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFKVLKNHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDQISHRASLEDAPVDDLTRKFTYLGSQDRARPPSGSSKATDLGGTSQAGTSQRFLENGSQEDLLHGNPGSTYLASNSTSAPNWKSLTSWTNDQGARRKTVFSPTLPAARSSLGSLQTPEAVTTRKGTGLLSSDYRIINGKSGTQDIQPGPLFNNNADGVATDITSTRSLNYKSTSSGHREISSPRIQDAGPASRDVQATGRIADDADPRVALVNGKYKGKTLWASTFVHDIPNGSSQVVDKTTDVEKTGATGFGLTMAVKAEKDMLRTGSQSLRNLVPTTPGESTAPAQVSTLPQSPAALSSSNRAAVWGAQGQNCTQVPVSSASELTRKTTGSAQYSLSDVTSTTSSRVDDHDSEEICLDHLCKGCPLNGSCSKVHFHLPYRWQMLIGKTWTDFEHMETIEKGYCNPGIHLCSVGSYTINFRVMSCDSFPIRRLSTPSSVTKPANSVFTTKWIWYWKNESGTWIQYGEEKDKRKNSNVDSSYLESLYQSCPRGVVPFQAGSRNYELSFQGMIQTNIASKTQKDVIRRPTFVPQWYVQQMKRGPDHQPAKTSSVSLTATFRPQEDFCFLSSKKYKLSEIHHLHPEYVRVSEHFKASMKNFKIEKIKKIENSELLDKFTWKKSQMKEEGKLLFYATSRAYVESICSNNFDSFLHETHENKYGKGIYFAKDAIYSHKNCPYDAKNVVMFVAQVLVGKFTEGNITYTSPPPQFDSCVDTRSNPSVFVIFQKDQVYPQYVIEYTEDKACVIS

>ZAPcpz-L

MADPEVCCFITKILCAHGGRMALDALLQKIALSERQLCEVLQVAGPDRFVVLETGGEAGITRSVVATTRARVCRRKYCQRSCDNLHLCKLNLLGRCNYSKSERNSCKYSHEVLSEENFEVLKQHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFLQGSQEFLGSASASAERSCTPSPDQIGHRASLEDAPVDDLTRKFTYLGSQDRARPPSGSSKATDLGGTSQAGASQRFLENGSQEDLLHGNPGSTYLASNSTSAPNWKSLTSWTNDQGARRKTVFSPTLPAARYSLGSLQTPEAVTTRRGTGLPSSDYRIINGKSGSQDIQPGPLFNNNADGVATDITSTRSLNYKSTSSGQREISSPRIQDAGPASRDVQATGRIADDADPRVALVNDSLSDVTSTTSSRVDDHDSKEICLDHLCKGCPLNGSCSKVHFHLPYRWQMLIGKTWTDFEHMETIEEGYCNPGIHFCSVGSYTINFRVMSCDSFPIRRLSTPSSVTKPANSVFTTKWIWYWKNESGTWIQYGEEKDKRENSNVDSSYLESLYQSCPRGVVPFQAGSRNYELSFQGMIQTNIASKTQKDVIRRPTFVPQWYVQQMKRGPDHQPAKTSSVSLTATFRPQEDFCFLSSKKYKLSEIHHLHPEYVRVSEHFKASMKNFKIEKIKKIENSELLDKFTWKKSQMKEEGKLLFYATSRAYVESICANNFDSFLHETHENKYGKGIYFAKDAIYSHKNCPYDAKNVVMFVAQVLVGKFIEGNITYTSPPPQFDSCVDTRSNPSVFVIFQKDQVYPQYVIEYTEDKACVIS

>ZAPgor-L

MADPEVCCFITKILCAHGGRMALDALLQEIALSEPQLCEVLQVAGPDRFVVLETGGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKNHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPLGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDQIGHRASLEDAPVDDLTRKFTYLGSQDHARPPSGSSKATDLGGTSQAGASQRFLENGSQEDLLHGNPGSTYLASNSTPAPNWKSLTSWTNDQGARRKTVFSPTLPAARSSLGSLQTPEAVTTRKGTGLLSSDYRIINGKSGTQDIQPGPLFNNNADGVATDIISTRSLNYKSTSSGQREISSPRIQDAGPASRDVQATGRIADDADPRVALVNDSLSDVTSTTPSRVDDHDSKEICLDHLCKGCPLNGSCSKVHFHLPYRWQMLIGKTWTDFEHMETIEEGYCNPGIHLCSVGSYTINFRVMSCDSFPIRRLSTPSSVTKPANSVFTTKWIWYWKNESGTWIQYGEEKDKRKNSNIDSSYLESLYQSCPRGVVPFQAGSRNYELSFQGMIQTNIASKTQKDVIRRPTFVPQWYVQQMKRGPDHQPAKTSSVSLTATFRPQEDFCCLSSKKYKLSEVHHLHPEYVRVSEHFKASMKNFKIEKIKKIENSELLDKFTWKKSQMKGEGKLLFYATSRAYVESICANNFDCFLHETHENKYGKGIYFAKDAIYSHKNCPYDAKNVVMFVAQVLVGKFIEGNITYTSPPPQFDSCVDTRLNPSVFVIFQKDQVYPQYVIEYTEDKACVIS

>ZAPmac-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLCEVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKNHELSGLNKEELAVLLLQSDPFFMPEICKNYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASRRFFENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTVFPPTLPAALSSLGSLQTPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDTTSTRSLNYKSTSSSQREISTPRTQDAGPASRDVQATGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFIGETWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTKPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNIDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMKRGPDRQPAQTSSVSLTATFLPQEDLCFLSSNKYKLSEIHHLHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRAYVESICANNFDWTLHETHETKYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQPYNSFVDTRLNPSVFVIFEKDQIYPQYVIEYTDADKACVIS

>ZAPsab\_XL

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKNHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGLPPTLPAALSSLGSLQTPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDVTSTRSLNYKSTSSSQREISTPRTQDAGPPSRDVQVTGRITDDAGPRVALVNGKYKGKKLGASAFVHDTPNGSSQVADKTTDVEKTGATGFGFTMTVMVEKDKLRSGSQSLRSLVPTTPGESTAPAQVSTLPQSPAALSSSNRAAVWRAQGQNCTQLPVSPASELTRKTTGSAQYSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGRCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTMPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNVDSLYLESLYQSYPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHLHPEYVKVNEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWALHETHETQYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYDSCVDTSLDPSVFVIFEKDQIYPQYVIEYTDADKACVIS

>ZAPsab-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKNHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGLPPTLPAALSSLGSLQTPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDVTSTRSLNYKSTSSSQREISTPRTQDAGPPSRDVQVTGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGRCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTMPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNVDSLYLESLYQSYPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHLHPEYVKVNEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWALHETHETQYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYDSCVDTSLDPSVFVIFEKDQIYPQYVIEYTDADKACVIS

>ZAPmus\_XL

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRILKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRTRPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREMSTPRTQDARPASRDVQATGRITDDAGPRVALVNGKYKGKKLGASIFVHDTPNGSSQVADKTTDVEKTGATGFGFTMTVMVEKDKLRSGSQSLRSLVPTTPGESTAPAQVSTLPQSPAALSSSNRAAVWRAQGQNCTQVPVSPASELTRKTTGSAQYSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFATKWIWYWKNESGTWIQYGEEKDNQKSSNVDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTEDKACVIS

>ZAPmus-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRILKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRTRPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREMSTPRTQDARPASRDVQATGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFATKWIWYWKNESGTWIQYGEEKDNQKSSNVDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTEDKACVIS

>ZAPmon\_XL

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRILKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRTRPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHENPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREMSTPRTQDARPASRDVQATGRITDDAGPRVALVNGKYKGKKLGASIFVNDTPNGSSQVADKTTDVEKTGATGFGFTMTVMVEKDKLRSGSQSLRSLVPTTPGESTAPAQVSTLPQSPAALSSSNRAAVWRAQGQNCTQVPVSPASELTRKTTGSAQYSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNVDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTADKACVIS

>ZAPmon-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRILKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRTRPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHENPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREMSTPRTQDARPASRDVQATGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNVDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTADKACVIS

>ZAPgsn-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTTRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDXTSTRSLNYKSTSSSQREISTPRTQDARPASRDVQATGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMETIEEAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFATKWIWYWKNESGTWIQYGEEKDNQKSSNIDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPYDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTRLNPSVFVIFEKDQIYPQYVIEYTDADKPCVIS

>ZAPdebr\_XL

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASQRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTPRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREISTPRTQDARPASRDVQATGRITDDAGPRVALVNGKYKGKKLGASIFVHDTPNGSSQVVDKTTDVEKTGATGFGFTMTVMVEKDKLRSGNQSLRSLVPTTPGESTAPAQVSTLPQSPAALSSSNRAAVWRAQGQNCTQVPVSPASELTRKTTGSAQYSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEKAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNIDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPCDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTDADKPCVIS

>ZAPdeb-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASQRFLENGSQEDLLHGNPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTPRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREISTPRTQDARPASRDVQATGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEKAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNIDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPCDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTDADKPCVIS

>ZAPmnd-L

MADPEVCCFITKILCAHGGRMALDALLEEIALSEPQLREVLQVAGPDRFVVLETSGEAGITRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSERNLCKYSHEVLSEENFRVLKHHELSGLNKEELAVLLLQSDPFFMPEICKSYKGEGRQQICNQQPPCSRLHICDHFTRGNCRFPNCLRSHNLMDRKVLAIMREHGLNPDVVQNIQDICNSKHMQKNPPGPRAPSSHRRNMAYRARSKSRDRFFQGSQEFLASASASAERSCTPSPDPSSHRASLEDTPVDDLTHKFTYLGSQDRARPPSGSSKATDLGGTSQAGASRRFLENGSQEDLLHENPGNTYLASNSTPAPKWKSPTSWTNDQGARRKTGFPPTLPATLSSLGSLQSPEAVTPRKGAGLLSSDYRNINGKSGTQDVQPGPLFNNNADGVATDITSTRSLNYKSTSSSQREISTPRTQDARPASRDVQATGRITDDAGPRVALVNDSLSDVTSTTSSRVDDHGSKEICLDHLYKGCPFNGSCSKVHFHLPYRWQMFTGKTWTDFKPMEMIEKAYSDPRIHVCSVGSYTINFREMSCDFIPIRRLSTPSSVTNPANSVFTTKWIWYWKNESGTWIQYGEEKDNQKSSNIDSLYLESLYQSCPRGVVQFQAGSRNYELSFQGMIQTNKASKTQKDVIRRPKFVSQWDVQQMQRGPDRQPAQTSSVSLTANFLPQEDLCFLSSNKYKLSEIHHPHPEYVKVSEHFKASMKNFKIEKIKKIENLELLDKFTRKKSQMKEEGSLLFYATSRANVDSICANNFDWAQHETHETKYGKGSYFAKDAIYSHKNCPCDAKNIVMFVARVLVGNFIEGNVSYMSPPQRYNSCVDTSLNPSVFVIFEKDQIYPQYVIEYTDADKACVIS

>ZAPcsl-L

MADPEVCCFITKILCAHGGRMALDELLEKIVLPEAQLCDLLEQAGPDRFVVLETGSKAGVTRSVVATTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSDRQPSYFDSSKSYQILQYLLVSLQASSASNKSPIEYNSSETICKSYKGEGRRQICSQQPGCDRLHICEHFTRGNCSYLNCLKSHNLMDRRVLAIMREHGLSADVVQSIQDICNSKHMRKNPSGSRAPSSHRRAGPYRARSKSRERFFQGSQEFLPSAAASAQRSSTPSPDPMGRRAPGDDVPVDGLTHKFTYLGTRDCAQPSSASAKATDLGGAGEGGASQRFSENGSPKGLFYGNQGNTYLVSDSTPASNWKDPTPWPKDQGTGNESVFSPILTATRSLGSAQTPEAVTTRKNTGMLYSDLRDVQGRSGTQDIQHVSLFNNNADGGATGVTVARYFNYNECQRETPLLRNPDSGPTSRDLQTTGKITEGDNAGVAFINDSISDVAGTTSSRVHDPSLEKICPDHLHKGCQLNDSCDKDHYDLPYRWQKLREKWEDFESMEKIEEAYCDPQNHVVSVAEGTIDFEKMICGSMNVRRMSTPASVVKPANSVFTTEWIWYWKNENGKWIPYGEEVSIIPPWMIQTNIASKTQKDVIRRPKFVSPWDVKHKGRRLDYQLMQTPSEPLTSTFLPQQDLGSLPSNGFKLLELNNQHPEYAKIQDHFYATRYTHVESICAKNFNWNIHETHEPKYGTGNYFAKDAIYSHKNCPYDARNIIMFVARVLVGNFTEGDKTYTSPPPQYDSCVDTCLNPSVFVIFEKDQIYPQYVIEYTEADKACVIS-

>ZAPgml-L

MADPEVCCFITKILCAHGGRMDLDKLLEKIVLPEAQLRDLLEQAGPDRFVVLETSSSAGVTRTVVANTRARVCRRKYCQRPCDNLHLCKLNLLGRCNYSQSDRNLCKYSHEVLSAENFKILKMHELSGLNQEELAVLLVQSDPFFMPEICKSYKGEGRRQICNQQPGCDRLHICDHFTRGNCGYLNCLKSHNLMDRKVLGIMRNHGLNADVVQSIQDICNSKHMRKNSPGLRAPFHRRAGPYKARSKSRERFFHGSQEFLPSSTQRSSTPSPDPTGRSAPGDDVPVDGLTHKFTYLETQDLAQPSSPSAKATNLGGAGEDGASQRFSENGSPKGLFYGKQSNTYLVSDSTPASNWKDPTPWPKDQGTGKESVFSPILTAARPPLGSAPTPEAVTAGNSTGMLYSDLRDTKGRSGTQDLQHVSLFHNNADGGAAGVTSARYFNYNSTTNSQRETSLPRDRDAGPASRDLQTTGQITEGDTAAVAFVNGTMSSWVHDPSLEKICLDHLHEGCQLNESCDKDHFHLPYRWQKLSGKKWEDFEHMEAIEEAYCAPQNCVFLAGKGRIDFENMICDSMPIRRMCTPTSIGKAADSVFTTEWIWYWRNEYGKWIPYGEEKDNQKGSNIDSSYLESVYQHCPRGVVRFQAGPRNYELSFQGMIQTNIVSKTQKDVIRRPKFVSSWDVNQKRRWPDYQPVQTTPEPLSSTFLPQQDPGFLPSNEFKLLELNNQHLEYAKISKHFGASMKNFKIEKIKKIQNQNLLDNFNRKKKQMKKEEEKLLFYATRHTHVDSICAKNFNWTIHETHEPKYGTGNYFAKDAIYSHKNCPYDARNIIMFVARVLVGNFIEGDKTYTSPPPQYDSCVDTSLNPSVFVIFEKDQIYPEYVIEYTEADKACVIS-