>T0515

MIETPYYLIDKAKLTRNMERIAHVREKSGAKALLALKCFATWSVFDLMRDYMDGTTSSSLFEVRLGRER FGKETHAYSVAYGDNEIDEVVSHADKIIFNSISQLERFADKAAGIARGLRLNPQVSSSSFDLADPARPFS RLGEWDVPKVERVMDRINGFMIHNNCENKDFGLFDRMLGEIEERFGALIARVDWVSLGGGIHFTGD DYPVDAFSARLRAFSDRYGVQIYLEPGEASITKSTTLEVTVLDTLYNGKNLAIVDSSIEAHMLDLLIYRET AKVLPNEGSHSYMICGKSCLAGDVFGEFRFAEELKVGDRISFQDAAGYTMVKKNWFNGVKMPAIAIR ELDGSVRTVREFTYADYEOSLS

>T0516

MTFSKELREASRPIIDDIYNDGFIQDLLAGKLSNQAVRQYLRADASYLKEFTNIYAMLIPKMSSMEDVK FLVEQIEFMLEGEVEAHEVLADFINEPYEEIVKEKVWPPSGDHYIKHMYFNAFARENAAFTIAAMAPCP YVYAVIGKRAMEDPKLNKESVTSKWFQFYSTEMDELVDVFDQLMDRLTKHCSETEKKEIKENFLQSTI HERHFFNMAYINEKWEYGGNNNE

>T0517

MENKKMNLLFSGDYDKALASLIIANAAREMEIEVTIFCAFWGLLLRDPEKASQEDKSLYEQAFSSLTP REAEELPLSKMNLGGIGKKMLLEMMKEEKAPKLSDLLSGARKKEVKFYACQLSVEIMGFKKEELFPEVQI MDVKEYLKNALESDLQLFI

>T0518

MKKVFYPLACCCLAAGVFASCGGQKKANAQEEPSKVALSYSKSLKAPETDSLNLPVDENGYITIFDGE TFNGWRGYGKDRVPTKWTIEDGCIKFNGSGGGEAQDGDGGDLIFAHKFKNFELELEWKVAKGSNSG ILYLAQEVTSKDKDGNDVLEPIYISAPEYQILDNANHPDAKLGKDNNRQSASLYDMIPAVPQNSKPFG EWNKAKIMVYKGTVVHGQNDENVLEYHLWTKQWTDMLQASKFSEDKWPLAFELLNNCGGENHE GFIGLQDHGDDVWFRNIRVKVLD

SNAERRLCAILAADMAGYSRLMERNETDVLNRQKLYRRELIDPAIAQAGGQIVKTTGDGMLARFDTA QAALRCALEIQQAMQQREEDTPRKERIQYRIGINIGDIVLEDGDIFGDAVNVAARLEAISEPGAICVSDI VHQITQDRVSEPFTDLGLQKVKNITRPIRVWQWVPDADRDQSHDPQPSHVQH

>T0521

ISPNVLNNMKSYMKHSNIRNIIINIMAHELSVINNHIKYINELFYKLDTNHNGSLSHREIYTVLASVGIKK WDINRILQALDINDRGNITYTEFMAGCYRWKNIESTFLKAAFNKIDKDEDGYISKSDIVSLVHDKVLDN NDIDNFFLSVHSIKKGIPREHIINKISFQEFKDYMLSTF

>T0522

>T0523

PAIDYKTAFHLAPIGLVLSRDRVIEDCNDELAAIFRCARADLIGRSFEVLYPSSDEFERIGERISPVMIAHG SYADDRIMKRAGGELFWCHVTGRALDRTAPLAAGVWTFEDLSATRRVA

>T0524

MANFIEKITYLGTPAIKAGNEHLEMIVVPEWGSNVISLVDKTTNVQLLREPETAESFHDTPTLYGIPILFP PNRISDGTFSFRGRTYHFDINEKDKHNHLHGFLYHEKWNVVTTKQTDEGVIVETEIDLSELPHVQKQF PHHAVVRMTYTIKENTLFKHATVMNKGKEAFPWGIGYHTTFIFPAESSLFSLTADQQWELDERLLPTG KLMDVPYKEALHEGMDLRHKQLDDVFLSSYQKRGGENQAVIYHQHAHISIIYKADEQFKHWVVYNA DGKQGYLCPEPYTWVTNAVNLDLPSSLTGLQVLEPGEETTAKSSITIELNHQ

>T0525

SNAMSVQTIERLQDYLLPEWVSIFDIADFSGRMLRIRGDIRPALLRLASRLAELLNESPGPRPWYPHVA SHMRRRVNPPPETWLALGPEKRGYKSYAHSGVFIGGRGLSVRFILKDEAIEERKNLGRWMSRSGPAFE QWKKKVGDLRDFGPVHDDPMADPPKVEWDPRVFGERLGSLKSASLDIGFRVTFDTSLAGIVKTIRTFD LLYAEAEKGS

>T0526

MTIYTLSHGSLKLDVSDQGGVIEGFWRDTTPLLRPGKKSGVATDASCFPLVPFANRVSGNRFVWQGR EYQLQPNVEWDAHYLHGDGWLGEWQCVSHSDDSLCLVYEHRSGVYHYRVSQAFHLTADTLTVTLS VTNQGAETLPFGTGWHPYFPLSPQTRIQAQASGYWLEREQWLAGEFCEQLPQELDFNQPAPLPRQ WVNNGFAGWNGQARIEQPQEGYAIIMETTPPAPCYFIFVSDPAFDKGYAFDFFCLEPMSHAPDDHH RPEGGDLIALAPGESTTSEMSLRVEWL

SNALSASEERFQLAVSGASAGLWDWNPKTGAMYLSPHFKKIMGYEDHELPDEITGHRESIHPDDRAR VLAALKAHLEHRDTYDVEYRVRTRSGDFRWIQSRGQALWNSAGEPYRMVGWIMDVTDRKRDEDAL RVSREELRRL

MTATAVALATTAVHAADDLKIALIYGKTGPLEAYAKQTETGLMMGLEYATKGTMTLDGRKIVVITKDD QSKPDLSKAALAEAYQDDGADIAIGTSSSAAALADLPVAEENKKILIVEPAVADQITGEKWNRYIFRTG RNSSQDAISNAVAIGKQGVTIATLAQDYAFGRDGVAAFKEALAKTGATLATEEYVPTTTTDFTAVGQR LFDALKDKPGKKIIWVIWAGGGDPLTKLQDMDPKRYGIELSTGGNILPALAAYKRLPGMEGATYYYYDI PKNPINEWLVTEHQKRFNAPPDFFTAGGFSAAMAVVTAVQKAKSTDTEKLIAAMEGMEFDTPKGKM VFRKEDHQALQSMYHFKVKVDPAVAWAVLEPVRELKIEEMNIPIKNKK

>T0529

MSASKEIKSFLWTQSLRRELSGYCSNIKLQVVKDAQALLHGLDFSEVSNVQRLMRKERRDDNDLKRLR DLNQAVNNLVELKSTQQKSILRVGTLTSDDLLILAADLEKLKSKVIRTERPLSAGVYMGNLSSQQLDQR RALLNMIGMSGGNQGARAGRDGVVRVWDVKNAELLNNQFGTMPSLTLACLTKQGQVDLNDAVQ ALTDLGLIYTAKYPNTSDLDRLTQSHPILNMIDTKKSSLNISGYNFSLGAAVKAGACMLDGGNMLETIK VSPQTMDGILKSILKVKKALGMFISDTPGERNPYENILYKICLSGDGWPYIASRTSITGRAWENTVVDLE SDGKPQKADSNNSSKSLQSAGFTAGLTYSQLMTLKDAMLQLDPNAKTWMDIEGRPEDPVEIALYQP SSGCYIHFFREPTDLKQFKQDAKYSHGIDVTDLFATQPGLTSAVIDALPRNMVITCQGSDDIRKLLESQ GRKDIKLIDIALSKTDSRKYENAVWDQYKDLCHMHTGVVVEKKKRGGKEEITPHCALMDCIMFDAAV SGGLNTSVLRAVLPRDMVFRTSTPRVVL

>T0530

>T0531

MKRINKYISLLATALLASCDKFDEINTDPDATTKVTSSLLATGLLLDITSSSASKSFIYDELLAKQMAWG ESMEDYQYNVFGRSGFGGYTTLINAQKMVESVSDDNVNAYDGLAHFIKAYKIFYMSMEMGDLPYEE ALQGELGLVRPKYNTQKEVMNFILSDLETAYELFSTAKDFDGDPILGGSISKWKKATTAFQLKVLMHLS KKESDADLKVKERFARIVASGSLMESNEDNLQMKYADKANTVYPFHNTNTKHAGYAMLSTMLIDKFK ATGDIRMFYYAKPAKAKLNEGVTADSWDAYIGTDPSLPFEQIEKAYATEQYSGFNARYTDYPSGEPVV RLGYAEQNFILAEAAVRGWISGDASAYYKKAIRAHMEFIASNTPDEEVYHHGHPITEEAIAAFLETPAIQ LSGEKEADIEKILTQRYLASFMQHPYDVYYDYRRTGYPVLPINPATNRNTMNDRLPMRWMYPKSESD YNLEHQNEALERQFGGVDDVNKLMWILQ

SNAMSAVTYTFLGPQGTFTEAALMQVPGAADATRIPCTNVNTALERVRAGEADAAMVPIENSVEGG VTATLDAIATGQELRIIREALVPITFVLVARPGVELSDIKRISTHGHAWAQCRLWVDEHLPNADYVPGS STAASAMGLLEDDAPYEAAICAPLIAAEQPGLNVLAEDIGDNPDAVTRFILVSRPGALPERTGADKTTV VVPLPEDHPGALMEILDQFASRGVNLSRIESRPTGQYLGHYFFSIDADGHATDSRVADALAGLHRISP ATRFLGSYARADKOPAVVAPHTSDAAFASAHAWVDSILKGS

>T0534

MMKTKFFYVAALILGLAFTTTSCSSDDDNPTVDPANIDYTPENASSWHNYMRNVAALLKTDATNLY NAWNSSYKGGESYASLFKAHSGSPYASALSCVEEIVDKCAEIANEVGTAKIGDPYNLYKAGNTEEALY AVESWYSWHSRDDYTNNIYSIRNAYYGSLDGNINANSLSTVIAGANSSLDTKIKNAIQKAAKAIQDIP QPFRNHIPSNETVAAMDACAELESILKNDLKSYIANNSNNINTDAVLNPVVTQYVDAVVVPTYKSLKE KNDALYNAVIVLADNPSNSAFETACDAWITAREPWEKSEAFLFGPVDEMGLDPNMDSWPLDQNAI VQILNSQSWSDLEWSEGDDEAAVESAQNVRGFHTLEFLLYKNGEPRKVQ

>T0536

MHHHHHHENLYFQSNAMAKSRLLLSELLDQLSFALCIVRNDYVIVKVNEYFESRVIFDGETMQGKNIL ELFPESADYLKRKIDTALVIESSSFSSWEQKPHLLPFKSSRPVSGEEEQMYQNLEVIPIHSEDGTIEHVCL CVYDVTIQASQQQ

>T0537

MNITQIGRFGMLLMMASVAISCSDPNPLDSYTRVPFEKTETDDGNGDGDGDGAGGLFEKGNGTDSK PYMIMNATQIRNMRSVLKSGMKVYFQLGADIDMAGIDDWQSLNGSGDFPYEIDFDGDSHVIKNFKC SAGDYPSFFGVLCGDCRNVGFVNASVSSARQGIGIITGYLGLKDKGNGNKTGRIVNCYTTGEVIGSGA AGGIAGVLANSYDGQESYIKNCYSNATVSDRAASGGKAGGIAGRKVGVGGFIENCYAYGAVSATKG GVGGILGQIDKSCDIAIKNSAAWSNLTGVDASSTVGRIVGVSASLGSYENCYACESIVLKVNEKTITASD ESSATGTTFHGVAKSAEELGNIIVAWNPNLWKKGTNGYPIFQWSE

>T0538

>T0539

MVANPPASKESIDALPEILVTEDHGAVGQEMCCPICCSEYVKGEVATELPCHHYFHKPCVSIWLQKSG TCPVCRCMFPPPL

>T0540

MTDLVAVWDVALSDGVHKIEFEHGTTSGKRVVYVDGKEEIRKEWMFKLVGKETFYVGAAKTKATINID AISGFAYEYTLEINGKSLKKYM

>T0541

MIPDLVPVSLTPVTVVPNTVNTMTATIENQGNKDSTSFNVSLLVDGIVVDTQTVTSLESENSTNVDFH WTLDGTANSYTLTVNVDPENAVNEGNESNNTLTALVGT

>T0542

MSLQLRLALNQIDSTVGDIAGNAEAILRWTRHSAEQGAHLVAFPEMALTGYPVEDLALRSSFVEASRT ALRELAARLAEEGFGELPVLVGYLDRSESAQPKYGQPAGAPRNAAAVLHRGRVALTFAKHHLPNYGV FDEFRYFVPGDTMPIVRLHGVDIALAICEDLWQDGGRVPAARSAGAGLLLSVNASPYERDKDDTRLEL VRKRAQEAGCTTAYLAMIGGQDELVFDGDSIVVDRDGEVVARAPQFSEGCVVLDLDLPAAEAEPPTG VVDDGLRIDRLVISEEPLPAYEAELAGGYADRLDADEEVYSALVVGLRAYVAKNGFRSVLIGLSGGIDSA

LVAAIACDALGAQNVYGVSMPSKYSSDHSKGDAAELARRTGLNFRTVSIEPMFDAYMASLGLTGLAE ENLQSRLRGTTLMAISNQEGHIVLAPGNKSELAVGYSTLYGDSVGAYGPIKDVYKTSIFRLAEWRNRA AAERGQTPPIPEASITKPPSAELRPGQVDTDSLPDYPVLDAILELYVDRDTGADAIVAAGYDRELVVKTL RMVDTAEYKRRQYPPGTKISAKGFGKDRRLPITNRWREGHHHHHH

MARQGCLGSFQVISLFTFAISVNICLGFTASRIKRAEWDEGPPTVLSDSPWTNTSGSCKGRCFELQEVG PPDCRCDNLCKSYSSCCHDFDELCLKTARGWECTKDRCGEVRNEENACHCSEDCLSRGDCCTNYQ VVCKGESHWVDDDCEEIKVPECPAGFVRPPLIIFSVDGFRASYMKKGSKVMPNIEKLRSCGTHAPYMR PVYPTKTFPNLYTLATGLYPESHGIVGNSMYDPVFDASFHLRGREKFNHRWWGGQPLWITATKQGV RAGTFFWSVSIPHERRILTILQWLSLPDNERPSVYAFYSEQPDFSGHKYGPFGPEMTNPLREIDKTVGQ LMDGLKQLRLHRCVNVIFVGDHGMEDVTCDRTEFLSNYLTNVDDITLVPGTLGRIRAKSINNSKYDPK TIIANLTCKKPDQHFKPYMKQHLPKRLHYANNRRIEDIHLLVDRRWHVARKPLDVYKKPSGKCFFQG DHGFDNKVNSMQTVFVGYGPTFKYRTKVPPFENIELYNVMCDLLGLKPAPNNGTHGSLNHLLRTNT FRPTMPDEVSRPNYPGIMYLQSEFDLGCTCDDKVEPKNKLEELNKRLHTKGSTEAETGKFRGSKHENK KNLNGSVEPRKERHLLYGRPAVLYRTSYDILYHTDFESGYSEIFLMPLWTSYTISKQAEVSSIPEHLTNCV RPDVRVSPGFSQNCLAYKNDKQMSYGFLFPPYLSSSPEAKYDAFLVTNMVPMYPAFKRVWAYFQRV LVKKYASERNGVNVISGPIFDYNYDGLRDTEDEIKQYVEGSSIPVPTHYYSIITSCLDFTQPADKCDGPLS VSSFILPHRPDNDESCNSSEDESKWVEELMKMHTARVRDIEHLTGLDFYRKTSRSYSEILTLKTYLHTYE SEI

>T0544

>T0545

MIKRGFPAVLDENTEILILGSLPSDESIRKQQYYGNPGNDFWRLVGHAIGENLQDMAYEKKLKTLKHN RIGLWDVFKAGSREGSQDSKIGDEEINDFSGLKEMVPKLRLICFNGRKAGEYEPLLRGMGYETKVLPSS SGANRFSKNRESEWEAVFRH

>T0547

MMDYGIDIWGNENFIIKNGKVCINYEKKPAIIDIVKELRDDGYKGPLLLRFPHLIQKQIENIYGNFNKAR KEFGYKGGFNAVYPLKVNQYPGFVKNLVKLGKDYNYGLEAGSKAELLLAMAYNNEGAPITVNGFKDR ELINIGFIAAEMGHNITLTIEGLNELEAIIDIAKERFKPKPNIGLRVRLHSAGVGIWAKSGGINSKFGLTSTE LIEAVNLLKENKLLEQFTMIHFHLGSQITEIHPLKKALNEAGNIYTELRKMGAKNLKAINLGGGLAVEYS QFKNEKSRNYTLREYANDVVFILKNIAEQKKDLEPDIFIESGRFVAANHAVLIAPVLELFSQEYAENKLIL KKQNPKLIDELYDLYKSIKPSNALEYLHDSIDHLESILTLFDLGYVDLQDRSNAEILTHLITKKAILLLGDKQ NPADLLAIQDEVQERYLVNFSLFQSMPDFWGLEQNFPIMPLDRLDEEPTRSASIWDITCDSDGEISYS KDKPLFLHDVDVEKENYFLGFFLVGAYQEVLGMKHNLFTHPTEAIISINEKGYEVEGIIEAQSILDTLEDL DYDIHAIMDILNERISNSKLVNDKQKKHILGELYLFLNDNGYLKSIGV

>T0548

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>T0549

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>T0550

>T0551

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>T0553

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MRSATDLLDELNAVDESARIEAKRASDMGKSVMETVIAFANEPGLDGGYLLLGVDWAINDKGDTVY RPVGLPDPDKVQRDLASQCASMLNVALRPEMQLEQVGGKTLLVVYVPEADVTHKPIYKKATGLPGG AYRRIGSSDQRCV

MKNFILLVALFLVAPFAQGSSPQHLLVGGSGWNKIAIINKDTKEIVWEYPLEKGWECNSVAATKAGEIL FSYSKGAKMITRDGRELWNIAAPAGCEMQTARILPDGNALVAWCGHPSTILEVNMKGEVLSKTEFET GIERPHAQFRQINKNKKGNYLVPLFATSEVREIAPNGQLLNSVKLSGTPFSSAFLDNGDCLVACGDAH CFVQLNLESNRIVRRVNANDIEGVQLFFVAQLFPLQNGGLYICNWQGHDREAGKGKHPQLVEIDSE GKVVWQLNDKVKFGMISTICPIRE

MKMLKEKAGALAGQIWEALNGTEGLTQKQIKKATKLKADKDFFLGLGWLLREDKVVTSEVEGEIFVKL

MDKKIVGANAGKVWHALNEADGISIPELARKVNLSVESTALAVGWLARENKVVIERKNGLIEIYNEGH FDFSFG

VEKKKYLDSEFLLHCISAQLLDMWKQARARWLELVGKEWAHMLALNPERKDFLWKNQSEMNSAFF DLCEVGKQVMLGLLGKEVALPKEEQAFWIMYAVHLSAACAEELHMEVAMSLRKLNVKLKDFNFGGT RYFKDMPPEEKKRRMERKORIEEARRHGMP

>T0562

>T0563

>T0564

MAPLQQKQVVVSNKREKPVNDRRSRQQEVSPAGTSMRYEASFKPLNGGLEKTFRLQAQQYHALTV GDQGTLSYKGTRFVGFVSRTPDNE

>T0565

>T0566

SGRENLYFQGERNYNKWAESYIKYNLSNLKIEKEDLTIYFDNLQVSGNACVSIRKGKQINSFEYIIKFEW LYSKKKEGKDYFGGSVEIPDFSTFSLEENDYAINIERTDESENLRFIYDSILKKEGKEKIKECLKNFQEDLLK HDKNESNKELKIK

>T0567

VELIGRSEWINQYRRRLQQLSETDIAVWLYGAPGTGRMTGARYLHQFGRNAQGEFVYRELTPDNAP QLNDFIALAQGGTLVLSHPEHLTREQQYHLVQLQSQEHRPFRLIGIGDTSLVELAASNHIIAELYYCFA MTOIACLPLT

MSFIRSCISRSVFLLGAGVAVAAQAEVRIDGPIEYGVFESRYQDFQPGERVLTRSEQNIQQTTEVPAKL GTKFGMRYQLSGKQEGDTPLTLLYLTPGVVTPDGQRHDKFEVVQKLVPGAPTDVMAYEFTEPHEVVK GEWRLMVFQGDRLLAEKSFDVR

>T0569

MDEDATITYVDDDKGGAQVGDIVTVTGKTDDSTTYTVTIPDGYEYVGTDGGVVSSDGKTVTITFAAD DSDNVVIHLKHG

>T0570

MNLKSTLLLLCLMMAGMVAAKDNTKVIAHRGYWKTEGSAQNSIRSLERASEIGAYGSEFDVHLTAD NVLVVYHDNDIQGKHIQSCTYDELKDLQLSNGEKLPTLEQYLKRAKKLKNIRLIFELKSHDTPERNRDA ARLSVQMVKRMKLAKRTDYISFNMDACKEFIRLCPKSEVSYLNGELSPMELKELGFTGLDYHYKVLQS HPDWVKDCKVLGMTSNVWTVDDPKLMEEMIDMGVDFITTDLPEETQKILHSRAQ

>T0571

MKKNLAYIGLVLLILTWTSCESSDNEFPDFDYQTVYFANQYGLRTIELGESEFVDNTLDNQHKMVIKA AWGGGYTNRNNVVINFKVDESLCDNLYFKDTDQPLVPMPASYYTLASDRIAIPKGQIMAGVEVQLT DDFFADEKSISENYVIPLLMTNVQGADSILQGKPVVENPVLTNAGDWSILPQNFVLYAVKYVNPWHG EYLRRGIDHATVAGTSKDIIRHEQFVENDEVVNISTKSMKDNLLTLKTKDESGKDISYTVRLSFAEDGSC TVHSGSQNVVVSGSGKFVSKGEKNSLGGKDRNAIYLDYTVNLTDNNIQLATKDTLVLRTRNVYGGKS LEVVRK

>T0572

MKISLRKLSKSVPVKLELTGDKASNVSSISYSFDRGHVTIVGSOEAMDKIDSITVPVDISQVTEDTSKTLE

LKAEGVTVQPSTVKVNLKVTQK

>T0573

MSTSAIDPVSFSLYAKDFTRFAQELGASFERYGFAVLSDYDLDQARIDAAVDSAKAFFALPVETKKQYA GVKGGARGYIPFGVETAKGADHYDLKEFWHMGRDLPPGHRFRAHMADNVWPAEIPAFKHDVSWL YNSLDGMGGKVLEAIATYLKLERDFFKPTVQDGNSVLRLLHYPPIPKDATGVRAGAHGDINTITLLLGA EEGGLEVLDRDGQWLPINPPPGCLVINIGDMLERLTNNVLPSTVHRVVNPPPERRGVPRYSTPFFLHF ASDYEIKTLONCVTAENPDRYPESITADEFLOORLREIKLA

>T0574

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MGSSHHHHHHSSGRENLYFQGHVEPGVTDRIGQMILEMFRTGMCLFSVRSPGGVAELYGGEARKVE ITGTSLTIEREDWHLHCKLETVETVVFDLSPKDNGGIRMAVVFRDKHQAPVLRAAWLPRLMPETPSPP EQFWAFTQRYIDLPMVVDARNRQLVFPGSGQGGFTEGS

>T0578

SNAMKKATMLTYLEEQLEKHLGDYEVGLDWDRKNHTIEVIVRLYAENNEQVAIDDVDGTLSEEEFIEF EDGLLFYNPQKSVVDDEEYLVTIPYEGKKGLRKAVLDGFIHYLKVVLDEGQSDLLDFLSDETAEVFELH WEPADFEAMIKKVAETEKEQWIAYPSY

>T0579

MKVGSQVIINTSHMKGMKGAEATVTGAYDTTAYVVSYTPTNGGQRVDHHKWVIQEEIKDAGDKTL QPGDQVILEASHMKGMKGATAEIDSAEKTTVYMVDYTSTTSGEKVKNHKWVTEDELSAK

>T0580

SKELKVLVLCAGSGTSAQLANAINEGANLTEVRVIANSGAYGAHYDIMGVYDLIILAPQVRSYYREMK VDAERLGIQIVATRGMEYIHLTKSPSKALQFVLEHYQ

>T0581

MSRFMALALCFVLPTAAHAASLKDFELSKMLEKVAKESSVGTPRAINEDILDQGYTVEGNQLINHLSV RASHAERMRSNPDSVRSQLGDSVCSNTGYRQLLARGAILTYSFTEYKTNQPVATERFDAGSCRIQGK K

>T0582

MEINADFTKPVVIDTDQLEWRPSPMKGVERRMLDRIGGEVARATSIVRYAPGSRFSAHTHDGGEEFIV LDGVFQDEHGDYPAGTYVRNPPTTSHVPGSAEGCTIFVKLWQFDPADRTQFSKNMEAELGAPVEGIS TSLLHEDERETVTHRKLEPGANLTSEAAGGIEVLVLDGDVTVNDEVLGRNAWLRLPEGEALSATAGAR GAKIWMKTGHLRFVRTPEV

MSLDVTALLERGRTLATPVLRAAVDRLAPPMDTVAAYHFGWIDAQGNPADGDGGKAVRPALAVLS AEVTGAAPEVGVPGAVAVELVHNFSLLHDDLMDGDEQRRHRDTVWKVHGPAQAILVGDALFALAN EVLLELGTVEAGRATRRLTKASRSLIDGQAQDISYEHRDRVSVEECLEMEGNKTGALLACASSIGAVLG GADERTADTLEKYGYHLGLAFQAVDDLLGIWGDPDATGKQTWSDLRQRKKSLPVVAALAAGGAAS ERLGEILTADAKASDFANFSEEEFAARAALIEEAGGREWTADEARRQHTIAIEALDAVDMPDRVRDRFT ALADFVVVRKREGHHHHHH

>T0585

SNASFRVVLDPGHGGIDGGARGVTGILEKDVTLAFARALRDELQKGSHTIVALTRDSDIFLRLSERVKK AQEFDADLFISIHADTIDVHSLRGATVYTISDEASDAIAKSLAESENKVDLLDGLPKEESLELTDILLDLTR RETHAFSINFANNVVSNLSKSHINLINNPHRYADFQVLKAPDVPSVLIEIGYLSNKEDEKLLNNPQWRK QMAASIAYSIRQFAEYRQKIMQPL

>T0586

SNAMNPTFHADKPIYSQISDWMKKQMITGEWKGEDKLPSVREMGVKLAVNPNTVSRAYQELERAG

>T0589

SNAMAKNDKINFSTPSGFPEFLPSEKRLELYLLDTIRRVYESYGFTPIETPAVERLEVLQAKGNQGDNIIY GLEPILPPNRQAEKDKSGDTGSEARALKFDQTVPLAAYIARHLNDLTFPFARYQMDVVFRGERAKDG RFRQFRQCDIDVVGREKLSLLYDAQMPAIITEIFEAVNIGDFVIRINNRKVLTGFFQSLNISETQIKSCISII DNLEKIGEAKVKLELEKEGINPEQTQKIIDFVKIDGSVDDVLDKLKHLSQTLPESEQFNLGVSELETVITG VRNLGVPDKRFCIDLAIARGLNYYTGTVYETTLIGHEALGSICSGGRYEELVGTFIGEKMPGVGISIGLTR LISRLLKAGILNTLPPTPAQVVVVNMQDELMPTYLKVSQQLRQAGLNVITNFEKRQLGKQFQAADKQ GIRFCVIIGADEAAAQKSSLKDLQSGEQVEVALADLAEEIKRRLT

>T0590

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MSIEAKFKKLGTDNAPGQEVRQSAAGLEALIRGAPIEGRPVDFSHGDVDAHEPTPGAFDLFSAGVQS GGVQAYTEYRGDLGIRDLLAPRLAAFTGAPVDARDGLIITPGTQGALFLAVAATVARGDKVAIVQPDY FANRKLVEFFEGEMVPVQLDYVSADETRAGLDLTGLEEAFKAGARVFLFSNPNNPAGVVYSAEEIGQI AALAARYGATVIADQLYSRLRYAGASYTHLRAEAAVDAENVVTIMGPSKTESLSGYRLGVAFGSRAIIA RMEKLQAIVSLRAAGYSQAVLRGWFDEAPGWMEDRIARHQAIRDELLHVLRGCEGVFARTPQAGSY LFPRLPKLAVAPAEFVKILRLOAGVVVTPGTEFSPHTADSVRLNFSODHEAAVAAARRIVTLVERYRA

>T0592

ANPNEAYRHYMKKLSYETDIADLSIDIKKGYEGIIVVDVRDAEAYKECHIPTAISIPGNKINEDTTKRLSKE KVIITYCWGPACNGATKAAAKFAQLGFRVKELIGGIEYWRKENGEVEGTLGAKADLFWNMKKESLEH HHHHH

MTINNDPMRDAIVDTAVELAAHTSWEAVRLYDIAARLAVSLDEIRLYFREKDELIDAWFDRADSRMLK EAESAGFLDLVASERIHHLIMIWLDALAVQRKVTRQMIMSKLEFGHIHIQIPAVMRVSRTVQWVREAA QRDATFMRRALEESTLTTIYLMTFFFWMRDESENSRHTRQFLKRHLTMAAWLGQKVYGKDPEKSTVP HKQQIPLQFD

MHHHHHHSSGRENLYFQGAIIKNVKVPDNYEIKHLIGRGSYGYVYLAYDKNANKNVAIKKVNRMFE DLIDCKRILREITILNRLKSDYIIRLHDLIIPEDLLKFDELYIVLEIADSDLKKLFKTPIFLTEQHVKTILYNLLLG EKFIHESGIIHRDLKPANCLLNQDCSVKICDFGLARTINSDKDIHIVNDLEEKEENEEPGPHNKNLKKQL TSHVVTRWYRAPELILLQENYTNSIDIWSTGCIFAELLNMMKSHINNPTNRFPLFPGSSCFPLSPDHNS KKVHEKSNRDQLNIIFNVIGTPPEEDLKCITKQEVIKYIKLFPTRDGIDLSKKYSSISKEGIDLLESMLRFNA QKRITIDKALSHPYLKDVRKENLENFSTEKIILPFDDWMVLSETQLRYIFLKEIQSFHADLIIPAKLNIHQKS

>T0598

MAGDPMKSKFEASIDNLKEIEMNAYAYGLIREIVLPDMLGQDYSSMMYWAGKHLARKFPLESWEEFP AFFEEAGWGTLTNVSAKKQELEFELEGPIISNRLKHQKEPCFQLEAGFIAEQIQLMNDQIAESYEQVKK RADKVVLTVKWDMKDPVLEHHHHHH

>T0599

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>T0600

>T0601

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SNAMERHQHLLSEYQQILTLSEQMLVLATEGNWDALVDLEMTYLKAVESTANITISSCSSLMLQDLLR EKLRAILDNEIEIKRLLQLRLDRLSDLVGQSTKQQAVNNTYGQFPDHALLLGETQ

>T0603

MTWLPLNPIPLKDRVSMIFLQYGQIDVIDGAFVLIDKTGIRTHIPVGSVACIMLEPGTRVSHAAVRLAA QVGTLLVWVGEAGVRVYASGQPGGARSDKLLYQAKLALDEDLRLKVVRKMFELRFGEPAPARRSVE QLRGIEGSRVRATYALLAKQYGVTWNGRRYDPKDWEKGDTINQCISAATSCLYGVTEAAILAAGYAP AIGFVHTGKPLSFVYDIADIIKFDTVVPKAFEIARRNPGEPDREVRLACRDIFRSSKTLAKLIPLIEDVLAAG EIQPPAPPEDAQPVAIPLPVSLGDAGHRSS

>T0604

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>T0605

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MKRRLILLVVVIALIAGFGALLHSPPSIIDAVTGATPKAKKAAQSSAQLEGSYIFCMNPLLDKLSDEDIRE QLKAFVTGKTDSIRTDTELSFDIYVSETDYALIRYADSLCERLNDAGADVQIKQYSGTMLRSRAVSGKYE AFLSESDLVSTDALENADYIILDSAEMR

>T0607

MFKPQGLYDYICQQWQEEILPSLCDYIKIPNKSPHFDAKWEEHGYMEQAVNHIANWCKSHAPKGM TLEIVRLKNRTPLLFMEIPGQIDDTVLLYGHLDKQPEMSGWSDDLHPWKPVLKNGLLYGRGGADDGY

>T0608

MRHRYISYFAGIFLLAFFAVLNTGVLISVSGFQRLQKPVVSQPDFRRQPVSETMQVYLKQAADPGRDV GLYWMATDFENRRFPGKVSPSGFQKLYRQWRNQTGWDAYVQSCRAIWNDVKYFPIPQSLDDTED KISYVDSWMFERNYGGKRGHEGTDIMAEKNTPGYYPVVSMTDGVVTEKGWLEKGGWRIGITAPTGA YFYYAHLDSYAELEKGDPVKAGDLLGYMGDSGYGEEGTTGEFPVHLHLGIYLKEGTEEISVNPYPVLRY AENARIKCVYSR

>T0609

>T0610

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>T0611

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YRPTLPEAQGISGVEA

>T0612

>T0613

MPHHQYVLTLSCPDRAGIVSAVSTFLFENGQNILDAQQYNDTESGHFFMRVVFNAAAKVIPLASLRT GFGVIAAKFTMGWHMRDRETRRKVMLLVSQSDHCLADILYRWRVGDLHMIPTAIVSNHPRETFSGF DFGDIPFYHFPVNKDTRRQQEAAITALIAQTHTDLVVLARYMQILSDEMSARLAGRCINIHHSFLPGFK GAKPYHQAFDRGVKLIGATAHYVTSALDEGPIIDQDVERISHRDTPADLVRKGRDIERRVLSRALHYHL DDRVILNGRKTVVFTD

>T0614

MATYPSAKFMECLQYAAFKHRQQRRKDPQETPYVNHVINVSTILSVEACITDEGVLMAALLHDVVED TDASFEDVEKLFGPDVCGLVREVTDDKSLEKQERKRLQIENAAKSSCRAKLIKLADKLDNLRDLQVNTP TGWTQERRDQYFVWAKKVVDNLRGTNANLELKLDEIFRQRGLL

>T0616

SNAMKENKLDYIPEPMDLSLVDLPESLIQLSERIAENVHEVWAKARIDEGWTYGEKRDDIHKKHPCLV PYDELPEEEKEYDRNTAMNTIKMVKKLGFRIEKED

>T0617

SNAMQKINIDRHATAQINMLANKLMLKSSTAYTQKFGIGMTEWRIISVLSSASDCSVQKISDILGLDKA AVSRTVKKLEEKKYIEVNGHSEDKRTYAINLTEMGQELYEVASDFAIEREKQLLEEFEEAEKDQLFILLKKL RNKVDOM

MKKESQVIFDKNVIEFVTVAAEFCAFLERAESMKRSTFVDTTLKILPLLYLKASMLPKCEMIGDESPETYV TEEIYEVLRINLASILAEKDDYLEVFLPDMAYSDEPIKKNISEDLADIYQDIKDFIFVFQLGLNETMNDSLAI CQENFGLLWGQKLVNTMRALHDVKYSPKARLEHHHHHH

>T0619

LSPREARDRYLAHRQTDAADASIKSFRYRLKHFVEWAEERDITAMRELTGWKLDEYETFRRGSDVSPA TLNGEMOTLKNWLEYLARIDVVDEDLPEKVHVPTILEHHHHHH

>T0620

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>T0621

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>T0622

>T0623

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MSEHREGTLFYDTETGRYDIRFDLESFYGGLHCGECFDVKVKDVWVPVRIEMGDDWYLVGLNVSRLD

GLRVRMLEHHHHHH

>T0625

MTSFDRPFEAARPDGENPSAHETLAEGGRLRPEATYTIPARQGRAIRMAQGEALMVINRDGSQIGDF WAFVEGDCGEYLSMEHLRPTLRRVSPRPGDVLVSNRRRPILTLLEDSSPGVHDTLVASCDVHRYAQL GHEGYHDNCTDNLRMALGALGLRPTTVPCPLNLWMNTPVVEGGAMEWRPPVSRRGDHVLFRAEL DVVVVISCCPMDLLPINGEEAQPRALDVRLRPRPA

>T0626

MRTFRLVIACPDRVGIVAKVSNFLASHNGWITEASHHSDNLSGWFFMRHEIRADTLPFDLDGFREAFT PIAEEFSMDWRITDSAQKKRVVLMASRESHCLADLLHRWHSDELDCDIACVISNHQDLRSMVEWHD IPYYHVPVDPKDKEPAFAEVSRLVGHHQADVVVLARYMQILPPQLCREYAHQVINIHHSFLPSFVGAK PYHQASLRGVKLIGATCHYVTEELDAGPIIEQDVVRVSHRDSIENMVRFGRDVEKMVLARGLRAHLED RVLVHDNKTVVFD

>T0627

>T0628

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SSYPIGAPIPWPSDSVPAGFALMEGQTFDKSAYPKLAVAYPSGVIPDMRGQTIKGKPSGRAVLSAEAD GVKAHSHSASASSTDLGTKTTSSFDYGTKGTNSTGGHTHSGSGSTSTNGEHSHYIEAWNGTGVGGN

KMSSYAISYRAGGSNTNAAGNHSHTFSFGTSSAGDHSHSVGIGAHTHTVAIGSHGHTITVNSTGNTE NTVKNIAFNYIVRLA

MDKRLQQDRIVDKMERFLSTANEEEKDVLSSIVDGLLAKQERRYATYLASLTQIESQEREDGRFEVRLPI GPLVNNPLNMVHGGITATLLDTAMGQMVNRQLPDGQSAVTSELNIHYVKPGMGTYLRAVASIVHQ GKQRIVVEGKVYTDQGETVAMGTGSFFVLRSRG

>T0634

>T0636

>T0637

DSASQAEQFLKLVHADKLTVPVYAQVQQMLAQRFAQAKAPESKKAVLERYQAKANAELDRAIGWD KIKPELIKLYTTNFTESELKDLNAFYQSPLGKKVLEKMPRLTAESAQLTQAKLQGAVEPVNKLMADMDK ELGVAAPAQKKK

>T0639

>T0640

MSLEKQKGLAIITGASQGIGAVIAAGLATDGYRVVLIARSKQNLEKVHDEIMRSNKHVQEPIVLPLDITD CTKADTEIKDIHQKYGAVDILVNAAAMFMDGSLSEPVDNFRKIMEINVIAQYGILKTVTEIMKVQKNG YIFNVASRAAKYGFADGGIYGSTKFALLGLAESLYRELAPLGIRVTTLCPGWVNTDMAKKAGTPFKDEE MIQPDDLLNTIRCLLNLSENVCIKDIVFEMKKSIIEGHHHHHH

>T0641

SNAMYKIVSDSACDLSKEYLEKHDVTIVPLSVSFDGETYYRDGVDITRDECYQRMVDDPKLFPKTSLPS VESYADVFRSFVEQGFPVVCFTITTLFSGSYNSAINAKSLVLEDYPDANICVIDSKQNTVTQALLIDQFV RMLEDGLSFEQAMSKLDALMASARIFFTVGSLDYLKMGGRIGKVATAATGKLGVKPVIIMKDGDIGLG GIGRNRNKLKNSVLQVAKKYLDENNKDNFIVSVGYGYDKEEGFEFMKEVESTLDVKLDSETNVAIGIVS AVHTGPYPIGLGVIRKYETL

>T0643

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>T0644

MKFLKFSLLTAVLLSVVFAFSSCGDDDDTGYLPPSQAIQDALKKLYPNATAIKWEQKGVYYVADCQA DGREKEVWFDANANWLMTETELNSINNLPPAVLTAFMESSYNNWVVDDVVILEYPNEPSTEFVVTV EQGKKVDLYFSEGGGLLHEKDVTNGDDTHWPRV

>T0645

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>T0648

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>T0649

MKKLIPILLAVFALASCEKDPDMGKLDDNYLVYTNYDKQANFKDFSTFYLADKILVISDSKEPEYLEGEG AEQILAAYTENMEAKGYQPAADKESADLGIQVSYIASTYYFTGYTQPEWWWGYPGYWGPSYWGN WGGWYYPYAVTYSYSTNSFITEMVNLKADEGEGKKLPVVWTSYLTGFETGSKAINRTLAIEAVNQSFT OSPYLTNK

>T0650

>T0651

MKDIIIASFYKFIPLNDFESLREPILTKMHEIGIKGTIILAHEGVNGGFAGNREQMNVFYDYLRSDSRFAD LHFKETYDNKNPFDKAKVKLRKEIVTMGVQKVDPSYNAGTYLSPEEWHQFIQDPNVILLDTRNDYEYE LGTFKNAINPDIENFREFPDYVQRNLIDKKDKKIAMFCTGGIRCEKTTAYMKELGFEHVYQLHDGILNY LESIPESESLWEGKCFVFDDRVAVDQKLDRVYPQLPQDYKYEREQK

>T0652

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MNKIISIIALLIILPIFKVEAYDFVIDEITYNFTKEHGTVEVSGLREFLNLEPGDRNSSLPLVVNIPPVVTYKD NKYDVVSIGYAAFQGCRKVTEIKIPSTVREIGEFAFENCSKLEIINIPDSVKMIGRCTFSGCYALKSILLPLM LKSIGVEAFKGCDFKEITIPEGVTVIGDEAFATCESLEYVSLPDSMETLHNGLFSGCGKLKSIKLPRNLKIIR DYCFAECILLENMEFPNSLYYLGDFALSKTGVKNIIIPDSFTELGKSVFYGCTDLESISIQNNKLRIGGSLFY NCSGLKKVIYGSVIVPEKTFYGCSSLTEVKLLDSVKFIGEEAFESCTSLVSIDLPYLVEEIGKRSFRGCTSLS NINFPLSLRKIGANAFQGCINLKKVELPKRLEQYRYDFEDTTKFKWIK

>T0654

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>T0655

MASGQATERALGRRTIPAGEARSIIIRQRYDAPVDEVWSACTDPNRINRWFIEPKGDLREGGNFALQG NASGDILRCEPPRRLTISWVYEGKPDSEVELRLSEEGDGTLLELEHATTSEQMLVEVGVGWEMALDFL GMFIRGDLPGGPVPEDAAEEFEPSPEMMRISQERGEAWAALVHSGS

>T0657

MNFNTILEEILIKRSQQKKKTSPLNYKERLFVLTKSMLTYYEGRAEKKYRKGFIDVSKIKCVEIVKNDDGVI PCQNKYPFQVVHDANTLYIFAPSPQSRDLWVKKLKEEIKNNNNIMIKYHPKFWTDGSYQCCRQTEKL APGCEKYNLFESSIR

>T0658

MKKTFLYFCLLFIVQTAFAADSIYVREQQIPILIDRIDNVLYEMRIPAQKGDVLNEITIQIGDNVDLSDIQ AIRLFYSGVEAPSRKGEHFSPVTYISSHIPGNTRKALESYSVRQDEVTAPLSRTVKLTSKQPMLKGINYF WVSIQMKPETSLLAKVATTMPNAQINNKPINITWKGKVDERHVGIGVRQAGDDGSAAFRIPGLVTTN NGTLLGVYDIRYNSSVDLQEKIDIGVSRSTDKGQTWEPMRVAMTFKQTDGLPHGQNGVGDPSILVD EKTNTIWVVAAWTHGMGNERAWWNSMPGMTPDETAQLMLVKSEDDGKTWSEPINITSQVKDPS WYFLLQGPGRGITMQDGTLVFPIQFIDATRVPNAGIMYSKDRGKTWHLHNLARTNTTEAQVAEVEP GVLMLNMRDNRGGSRAVATTKDLGKTWTEHPSSRSALQESVCMASLIKVNAKDNITGKDLLLFSNP NTTKGRNHITIKASLDGGLTWPTEHQVLLDEAEGWGYSCLSMIDKETVGIFYESSVAHMTFQAVKLQ DLIHO

>T0659

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>T0661

MISILRRGLLVLLAAFPLLALAVQTPHEVVQSTTNELLGDLKANKEQYKSNPNAFYDSLNRILGPVVDA DGISRSIMTVKYSRKATPEQMQRFQENFKRSLMQFYGNALLEYNNQGITVDPAKADDGKRASVGMK VTGNNGAVYPVQYTLENIGGEWKVRNVIVNGINIGKLFRDQFADAMQRNGNDLDKTIDGWAGEVA KAKQAADNSPEKSVK

>T0662

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>T0663

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>T0664

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>T0666

>T0667

>T0668

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>T0669

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>T0671

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>T0672

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>T0673

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>T0674

MKLKITVICSVVFSLFFFLLLFLVIFFADDTDSGENNKDSSIPQGGVTVSPEVLAHRPLIEKYGKEYGIEDY VSYILAIMQVESGGTAEDVMQSSESLGLPPNSLSTEESIKQGVKYFSELLTSAEQQGVDIDSVIQSYNY GGGFLNYVRSHGKKYTYELAEQFSKEKSGGQKADYPNPIAIPVNGGWRYNYGNQFYVQLVSQYLTD TSPTEFDDETVQVIMDEALKYEGFPYVFGGASPTTSFDCSGLIQWVYDKAGISLPRVAQDQYDATQEI SMEEAQAGDLIFFHSTYNAGTYVTHVAIYLEGNRFYHAGDPIGYGDLSSRYWQDHLIGARRVIHN

>T0675

MGDGEGAGVLGLSASAECHLCPVCGESFASKGAQERHLRLLHAAQVFPCKYCPATFYSSPGLTRHIN KCHPSENR

>T0678

MNSLLSRALELQRMAHELMYLDTNGSPIYSDEFCRLNKEVLTRSDSLFSEQSSDIEEEGNLCLALLMGY NATIYDNGDKERKKQVILDRIYNIMSQLPASLLKMRLLTWGYSETYDEELAHEAHQLIETWNISDLTDE QKEIIEELRNFEENQYPWEEVQE

>T0679

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>T0681

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>T0682

MGEILAVDDYVGISFWLAAAIMLASTVFFFVERSDVPVKWKTSLTVAGLVTGVAFWHYLYMRGVWIY AGETPTVFRYIDWLITVPLQIIEFYLIIAAVTAISSAVFWKLLIASLVMLIGGFIGEAGLGDVVVWWIVGMI AWLYIIYEIFLGETAKANAGSGNAASQQAFNTIKWIVTVGWAIYPIGYAWGYFGDGLNEDALNIVYNL ADLINKAAFGLAIWAAAMKDKETSTSHA

>T0683

>T0684

>T0685

>T0687

RDVQNNIVDEIKYREEVCNDEVDLYLLMDGSGSIRRHNWVNHAVPLAMKLIQQLNLNDNAIHLYAS VFSNNAREIIRLHSDASKNKEKALIIIKSLLSTNLPYGKTSLTDALLQVRKHLNDRINRENANQLVVILTD GIPDSIQDSLKESRKLSDRGVKIAVFGIGQGINVAFNRFLVGCHPSDGKCNLYADSAWENVKNVIGPF

MKAVCVEVEKT

>T0688

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>T0689

MKVKILYTALISLIAGGAMAQDCTFFFPQTEGTVWVRKGYDAKGNLQSVMSYQVDEVETLPSGQEVE ADYVYTNPSGTIVNKGDIKAYCQNGEFFLDSKETLSYPGVVSEMNTNVDITENFINYPNPYAANFDKN NVYFDEASVKIYDKKNRKNRKDMAIKDREFIKTESITTPAGTFDCAKVKYNIATRSPKSKETITGYGYEW YSPNVGLVRTEOYDKNNVLQSYTVLEELK

>T0690

ASDSPMAYTDGSYQFILNADNTATITKYTGNEHRITIPAQVTHGAYIYPVSKIGDRVFCNYKYVLTSVQI PDTVTEIGSNAFYNCTSLKRVTIQDNKPSCVKKIGRQAFMFCSELTDIPILDSVTEIDSEAFHHCEELDTV TIPEGVTSVADGMFSYCYSLHTVTLPDSVTAIEERAFTGTALTQIHIPAKVTRIGTNAFSECFALSTITSDS ESYPAIDNVLYEKSANGDYALIRYPSQREDPAFKIPNGVARIETHAFDSCAYLASVKMPDSVVSIGTGA FMNCPALQDIEFSSRITELPESVFAGCISLKSIDIPEGITQILDDAFAGCEQLERIAIPSSVTKIPESAFSNCT ALNNIEYSGSRSQWNAISTDSGLQNLPVAPGSIDVTV

>T0691

MKKLYFFTMLSIMLLAVTGAMAQKKTKFKAADLKGIWQLCHYVSESPDVPGALKPSNTFKVLSDDGRI VNFTIIPGADAIITGYGTYKQLTDDSYKESIEKNIHLPMLDNQDNILEFEIKDNDYLHLKYFIKSDLNGNE LNTWYYETWKRVEMPAKFPEDIVR

>T0692

MTKTIEVRNPRTGKFDYVIIPPPPRLLAQQCNRARRAQSRWQELGVEGRITTLQQWKQAILSRREQLT EALVNDTGRLSITVLEIDSFLASIDRWCGLAPELLQTSAKNTSIPFIALQQSLVPYPLVGVISPWNFPLTLS MIDTIPALLAGCAVVVKPSEIAPRFVAPLLMALNTVPELRDVLIFVEGGGETGANLINYVDFVCFTGSVA

>T0693

>T0694

>T0695

KIYAEIDRLESWKIEILNRSIVEEMSKIKHLKMTGQTEEFFEKWREEWDEIVTAHMPKVEELLYDAEENA DKYRFKKANQVLVHIDDLLTAAESSIEKILREISDLVTSEEKSREEIEQVRERYSKSRKNLLAYSHLYGELY DSLEKDLDEIWSGIKQFEEETEGGNYITARKVLLEQDRNLERLQSYIDDVPKLLADCKQTVPGQIAKLKD GYGEMKEKGYKLEHIQLDKELENLSNQLKRAEHVLMTELDIDEASAILQLIDENIQSVYQQLEGEVEAG QSVLSKMPELIIAYDKLKEEKEHTKAETELVKESYRLTAGELGKQQAFEKRLDEIGKLLSSVKDKLDAEHV AYSLLVEEVASIEKQIEEVKKEHAEYRENLQALRKEELQARETLSNLKKTISETARLLKTSNIPGIPSHIQEM LENAHHHIQETVNQLNELPLNMEEAGAHLKQAEDIVNRASRESEELVEQVILIEKIIQFGNRFRSQNHI LSEQLKEAERRFYAFDYDDSYEIAAAAVEKAAPGAVEKIKAD

>T0696

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>T0697

MDSRFLPATAFIDPEGRNRNEVERLVQQVVDLILAKLTGAAERPPMPETVDLPGPITIPEAAATEATLL QAIRDMVDGSMNPANPGYIGHMDPMPATMAILGDLVAAAVNNNMLSLEMSPSFSRLETLLLRAIA GLFGLGEQAGGVLTSGGSLANLQALAVARNVAFDSVEPGITGLAQRPVIFASEAAHTSLQKAAMLLG LGTAAVIPVRATADSRMDPEDLRARIDQARGAGQHPFCVVATAGTTTTGNIDPLAEIGAIAREHGLW FHVDAAYGGALVFSERHRWRLAGIEQADSITFNPQKWLYVAKTCAMVLFRDAGVLERAFRIPAPYMR ATDGFINLGEIGVQGTRHADVVKLWLTLQHIGQQGYARLIDDGYRLAERVVEGVRQRPFLRLAGEIDT NIVCFRGEPDWLPAERWDDWNAALQALLLREGKIFLSLPVYRGGRWLRAVLLNPYTTDAVIDAMFK QIDRFAGRERGQER

>T0698

>T0699

MIDGKFISAIITAAGSGLRMRSKINKPYIEVGGRKVLEITLDTVSRVKEIDEIILVIRKDDEDIIKDILEKYDG NIRYVYGSTTRELSTFEGLKALDPQSELVLTHDGVRPFASEELFLKTINALRKNKAVITATKSKDTVKIIDD DMYVDFTPNRDYVYNIQTPQAFDKKLIYAMYEKYLASEFKVTDDSQLFEFFDRDEKVKVVHGEYSNIKI TTQEDIIFANAYLQRKKDV

>T0701

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>T0702

>T0703

>T0704

>T0705

>T0706

RPVWYGEPVDIQPEHRDMMLVVDLSGSMAEEDMKTSNGDFVDRLTAVKQVVSDFIDQRKGDRLGL VLFGDHAYLQTPLTFDRNTVREQLDRTVLNLVGQRTAIGEGLGLATKTFIESNAPQRTIILLSDGANTA GVLEPLEAAQLAKDNHAKIYTVGIGAGEMQVRGFFGKQTVNTARDLDEDTLTKIATMTGGQYFRAR NADELAEIYOTIDALEP

METNNRRDFLKKAALAGASALVAPSLFAADGEGRGELSPKIKAGDLESKLIVPKNNGLKITGTFLDEISH DIPHQNWGEKEWDLDFQHMKRIGIDTVIMIRSGYRKFMTYPSPYLLKKGCYMPSVDLVDMYLRLAEK YNMKFYFGLYDSGRYWDTGDLSWEIEDNKYVIDEVWKMYGEKYKSFGGWYISGEISRATKGAIDAFR AMGKQCKDISNGLPTFISPWIDGKKAIMGTGKLTREDAVSVQQHEKEWNEIFDGIHEVVDACAFQD GHIDYDELDAFFTVNKKLADKYGMQCWTNAESFDRDMPIRFLPIKFDKLRMKLEAAKRAGYDKAITFE FSHFMSPOSAYLOAGHLYDRYREYFEIK

>T0709

>T0710

MKKSYLLAALIFFLAGLLHGTAFAASGKSSKALNEAAEQGDLAKVKNLVQKNKIDLNAQDETGMTPL MNAAMGGNLDIVKFLLSKKVNLELKNNGGETALAFAVTNDAYDVAEELIKAGANVDIIVAGDEGDTL FMRAAQNNKKTAESILAKNKSLINKANTLGETALFAVARYGTPADIDFLIKKGADLKLKNKKGQTALDV AKEASNQDTAKALSKKK

>T0711

>T0712

MRKAILFCLAITLLGTMLISFSACNGILSSLYDEPETAKDFGFITIDHANHSGTVRVDATQYTKWNYINL HTLQIDSAKVTAEGADDPDTWDLAIHRYDVKTNGGEVLETDYQSLSALKNAGSMPQGIFVADEWTT NKIAVDVSHMMEDNGYLIYAPSDFNPELSKWLNVDTSEMPPIYTPSNKVYLLRMKDDTMAAIRLVSY MNAAGIKGYMTFDYIYPYEP

MKNLFKRIITTILVLTMVMGFNVPFSATTVMAASITYNVSSTIKGVLTDDGVLTISGTGAMPDYTKIANI PWYKDRDRISEVRVNSGITSIGEANFNSCYNMTKVTVASTVTSIGDGAFADTKLQSYTGMERVKKFGD YVFQGTDLDDFEFPGATTEIGNYIFYNSSVKRIVIPKSVTTIKDGIGYKAENLEKIEVSSNNKNYVAENYV LYNKNKTILESYPAAKTGTEFTIPSTVKTVTAYGFSYGKNLKKITITSGVTTLGDGAFYGMKALDEIAIPKN VTSIGSFLLQNCTALKTLNFYAKVKTVPYLLCSGCSNLTKVVMDNSAIETLEPRVFMDCVKLSSVTLPTA LKTIQVYAFKNCKALSTISYPKSITLIESGAFEGSSITKYPTWLSKGNNGDYGIFTKIKYKGTDKYSEAYKVL KIVNKERKSKGLSELKMDKDLLDVAMQRAAEVALYFSHTRPDGSSCFSATDKMEAENIAGGQSSADA VMTSWMNSAGHRANILTSYFKTIGIGCFTQGGTVFWVQCFGTDTPATVSRPADKNVVVTVTVDGDF LSKTKLRLDSSSYNLKIGNKKTVKLYVQNPEWASQNVLLDNSNFTFKSYNTKKATISATGKINAKTVGK YKIKATLKNATGTSVTKSGKITFPQPKIKVTVKKKKKAIVAWKKLKAAKGYYVYRREAKGKKYTKWKKVK NIKKNTTVKYKDSKLKKGKTYQYKVVAYNRKNKGTSAIKKIVIK

>T0714

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>T0715

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RCIIFEGEKEHPLISEELMMPILGIVRAKSFDDAVEKAVWLEHGNRHSAHIHSKNVDRITTYAKAIDTAIL VKNAPSYAAIGFGGEGFCTFTIASRTGEGLTSASTFTKRRRCVMSDSLCIR

>T0716

PDSFGIRAKKTKEQLAELKVSYLKNQFPHDSEIIRLMKITGLTKGEIKKWFSDTRYNQRNSKSNQCLHL NN

MKKLIIRVVGVLFLVGFLIYLFYSPRLKFDVLENPNKGNKVNRSEQVNKSNNHAENPKPKEGVGTWVG KDIKVLTSKFGQADRVYPFRDGYKNYVFKDKNSYYIVSTKREEIVSVYATGEKVNVSPLKIGQHSAEIFN HTSINPEPSFKVDGKKYEFELSDEDLKTQTLIKYGDIYAQVYSDQQSKKVLSVRFLTKEMLADIEPYQLN SNSTSEEHNKRPVEQNPNQLISLYEVTNEMRKLKGLKPLKINSDLAHIASNNLYEATSNGSDSVEFTED ALRGQLDKNHVTYKTTAQNVGYAFNDVPTLIHSWMNSDIHRSRLLNSKYDEMGGDVMRDYYSLIFL FK

>T0719

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TRITLDGEPFSDSIFAIDSETGKITLNSTSNTPVGLYKLSVACYSNNNRYEYTDIVEINMMKPVPDGIKTD
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PIANFGYADVNDVQAVEIDINKNENFKGDEVKYEFVNLPTDLQGELALDLDGNIAIKKGNKIPVGQYT
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QITYDVTGKDPQAATSGARVSPIFIWFDTKF

MKYIDCAVIGAGPAGLNASLVLGRARKQIALFDNNTNRNRVTQNSHGFITRDGIKPEEFKEIGLNEVM KYPSVHYYEKTVVMITKQSTGLFEIVTKDHTKYLAERVLLATGMQEEFPSIPNVREYYGKSLFSCPYCDG WELKDQPLIIISENEDHTLHMTKLVYNWSTDLVIATNGNELSQTIMDELSNKNIPVITESIRTLQGEGGY LKKVEFHSGLRIERAGGFIVPTFFRPNQFIEQLGCELQSNGTFVIDDFGRTSEKNIYLAGETTTQGPSSLII AASQGNKAAIAINSDITDERF

>T0724

>T0726

KHSSRLEAHLTRDELRAKALHIPFPVEKIINLPVVDFNEMMSKEQFNEAQLALIRDIRRRGKNKVAAQN CRKRKI FNIV

>T0732

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>T0733

>T0734

MADLDSKAKSPFVFKSAYYLSLYTKRRARNLRQLAEGIRAADPGVIFHHVFHVVFAKHLLHPYYTNDF ARWVGEELNDDDLAIELSSISGAEPATVEDVRRELLAVLEPRADERAARREFVFVSMVPIVYEVGLKAE TLAEFLDAVAAAPPESVAYHFVTARVLYGNGRNDFSRWLVEEFGLTSAADALSRIDPLIYNDERQLKSE VVRTLERALL

MTNDHYVSKKKMFAVVFCVFAPNEVLLANDTAVGGEGSLPIPVSOPHIKMVSELIRISGKNLNEPOM

NGSWHYNCNFTFKNTLNKEVTISMAFPFPINDGNSEIALPAGQQTNVGQALVYDFLVTVNDKQVSA QRGNIAPDQNKGLYYEDAYFWKTTFPPLATVNIHHDYSTGATYDVMGYHWVRYVLKTGALWQDSS IGHTRLEVIPNTPTRLCSEIDQKADYLNPTPSGMSISGSRADRKYIWDLRHFQPQADLSLCLFTGISYVR YKVIYPWLNSDDALSKLARLSNKELRFLRNTIYAQYGRQFQSPDLQEYFSKKWWYVPNPDYSDRMLN EEDKKLLSMINOAK

>T0736

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>T0737

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>T0738

MNLVQDKVTIITGGTRGIGFAAAKIFIDNGAKVSIFGETQEEVDTALAQLKELYPEEEVLGFAPDLTSRD AVMAAVGQVAQKYGRLDVMINNAGITSNNVFSRVSEEEFKHIMDINVTGVFNGAWCAYQCMKDA KKGVIINTASVTGIFGSLSGVGYPASKASVIGLTHGLGREIIRKNIRVVGVAPGVVNTDMTNGNPPEIME GYLKALPMKRMLEPEEIANVYLFLASDLASGITATTVSVDGAYRP

>T0739

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DKPHIESSGKKKHSFYLINTSSNVTLSGVGLSGQDPDLDSMYFLKNCPETARNVVRGQMPISGVKLV RGTGNYPTLVLDCTNMGSQFQFGEVGDIFYIKDVVGVKADTLYIDPVNGNNYNWGTNGTKPIRELT NIAKICQLFRCKSVYLNAGESVITSNTELPMVVFEGPGSLKANSGSSFLIKAGGTLSLIGLSGISTDGGH MFRVSTVEKVNIHTNCSVNAGAAYVVLSEVQGNIEYRQLFYSVNCSKYIGATAGQTIAGIMVKTATRP TGIDAAPVDGNVSLTYKIIES

>T0740

MATVGQKRTRAEVGYPLSWLKDKHPIEEPDLEYSLKWFKKHEYDLETSKLQEVSEKVGDAYDTLCETT QEVVKAVGYSVISDIQGEHVVDRIDWRHACDKCIDFGELIDEIYYELTIAMINTKLENADIDPDMVEEM ASDLARDIQSSEMSEIDYNRRIQEMIDA

>T0741

MEHGLSGKFIYVKHLDIKTKGVFMKLMIAMLMMLPTLATAATEIVYNSSSNPYIPARGYVTAQQICLN ANKDSFKIFVAQHTVETCDSVKTDYSDSTRPKKVCVGRKMVTVPATTKIVSAFTKKEVCQKWNRNDS AYPRCVSSVMKDTMYSTSYTQYKYEQADWRRERPVSSVNKYIETCK

>T0742

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>T0743

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YDEDMNLVSFTM

>T0746

MKKIKFLAVALAAFTMFSCTNDEVENLGNNVPGEQAVLTIKLKGDGDNQAQSRAAGPATDTEDAVI NNYLVFLFREGGALDCAPYEGSSNAAATITTGTTAAKKAYVVANTGALAGGLFATVKTETDLLAVTGS LMDNTDNASTQTKTNLWMSGESEVKFNGGTNAQVTVSLSFVAAKIQLIVKDNRKNMTGGTITITDD AAVLLFAGKKGRFFGSAAEKVTQNEFYTGFNQYTGAFDSGVTTSTALSDAVSPGDFTINAGSTVFNHF YTFGNDGTTQPTILAIKSTKTVGGTSSPIFYPILFTNTDARHTIEPGKSYTVTVTLNGDVAAGGGGGTTD PEEPVVSSSIEVTVTAAQWVTQPVDKEFN

MKKFELVLLVMLLIHSFSVMIEAKQHVKTKSDWVIQRTPVDPEWLKVYVDDESKRLCLNFKDSFAPITV EVKDIEKQIVFQSIIFPVAAGEYTLYLGDLSLGQYELYMYNASVKVVGNFTL

>T0749

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>T0752

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>T0753

MLLSTDIWVAALIRRAELGGAFATVARKGDARAGAVLVKAVDRREGTARLFSEATRGDGERFWMQP VRSTFEPDLDAYAERAARIDPDIWVVEIEDRDGRHFLTEPVES

>T0755

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>T0756

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>T0757

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>T0758