

#Format:  
#>PDB\_Chain  
#Sequence information with catalytic residues indicated in upper case

//Dset650//

>2C49\_B

gkmekitcvghtaldyifnvekfpepntsiqipsarkyyggaaantavgikklgvnsellscvgydfknsge  
rylknldinisklyyseeetpkawiftdkdnngitfflwgaakhykelnppnfnteivhiatgdpefnlkca  
kkaygnnlvsfdpgqdlpqyskemlleiehtnflfmnkheferasnlInfeiddylervdalivtkgskgs  
iytkdkkieipcikagkvidptGAGDSyragflsayvkgydlekcgligaatasfvveakgcqtnlptwdkv  
erlekh

>1G79\_A

msdndelqqiahlrreytkgglrrrdlpadpltlferwlsqaceakladptamvvatvdehgqpyqrivllkh  
ydegmvfytnlgsrkahqiennprvsllfpwhtlerqvmvigkaerlstlevmkyfhsrprdsqigawvskq  
ssrisargileskflelkqkfqqgevpplsffwggfrvsleqiefwqggehRlhdrflyqrendawkidrlap

>1IDT\_A

mdiisvalkrhstKafdaskkltpegaeqiktllqyspsstnsqpwfhfivasteegkarvaksaagnyvfn  
Kmdashvvvfcaktamddvwlklvvdqedadgrfatpeakaandkgrkffadmhrkdldhdaewmakqvyln  
vgnfllgvaalgldavpiegfdaaildaefglkekgyslvvvpvghhsvedfnatlpksrlpqnitltev

>1B5Q\_A

atvgprvivvgagmsgisaakrlseagitdllileatdhiggrmhktnfaginvelganwvEgvnggkmpiw  
pivnstlklrnfrsdfdylaqnvykedggvydedyvqkrieladsveemgeklsatlhasgrddmsilamqrl  
nehqpngpatpvdmvdykfdyefaepprvtslqntvplatfsdfgddvyfvadqrgyeavvyylagqylkt  
ddksgkivdprlqlnkvvreikyspggvtvktednsyvsadyvmvsaslgvlqsdliqfkpkltwkvraiyy  
fdmavytkiflklfprkfwppegkgrefflyassrrgyygvwqefekqypdanvllvtvtdeesrrieqqsdeqt  
kaeimqvlrkmfpgkdvpdatdilvprwvsdrfykgtfsnwpvgvnryeydqlrapvgrvyftgehtsehyng  
yvhgaylsgidsaeilincaqkkmckyhvqgkyd

>1NLN\_A

mgsseqlkaivkdlgcgpyflgtydkrfpgfvsphklacaivntagretggvHwmafaawnprsktcylfEpf  
gfsdqrklqvyqfeyesllrrsaiasspdrctitlekstqsvQgpnasaaCglfccmflhafanwpqtpmdhnpt  
mnlitgvpnsmlnspqvqptlrrnqeqlysflerhsapyfrshsaqirsatsfchlknm

>1EB6\_A

tevtcdckgdaesslttalsnaaklanqaeeaaesgdeskfeeyfkttddqqrtrttvaerlravakeagstsggs  
ttyhcnpygycepnvlaytlpskneiancdiYyselpplaqkchaqdqatttlhEfthapgyvqpgetdlyg  
gydaatqlsaqdalnnadsyalyanaielkc

>1LUC\_A

mkfgnfllytqppelsqtevmkrlnlgkasegcgfdtvwllleHHftefgllgnpyvaaahllgatetlnvgt  
aaivlptahpvrqaedvnllldqmskgrfrfgicrglydkdfrvfgtdmdnsralmdcwydlmkegfnegyiaa  
dnehi kfpkiqlnpsaytqggapvyvvaesasttewaaerglpmilswiinthe kkaql dlynevatehgydv  
tkidhclsyitsvdhdsnrakdicrnflghwydsyvnatkiFddsdtkgydfnkgqwrdfvlkghkdtnrri  
dysyeinpvgtpeeciaaiiqqdidatgidniccgfeangseeiiasmklfqsdvmpylkekq

>1YVE\_L

attfdfdssvfkkkvltlsgghdeyivrggrnlfpllpdafkgikqigvigwgsqapagaqnlkdslteaksdv  
vvkiglrkgsnsfaearaagfseengtldgmwetisgsdlvlllidsaqadnyekvfshmkpnsilglshgf  
llghlqslgqdfpknisviavcpkgmgsrvrrlyvqgkevngaginssfavhqdv dgratdvalgwsialgsp  
ftfattleqeyksdifgergillgavhgiveclfrrytesgmsedlaykntvecitgvisktistkgmlalyn  
slseegkkdfqaaysasyypsmdil yecyedvasgseirs vvlagr rfyekglpafp mgkidqtrmwkvgek  
vrsvrpagdlgplypftagvyvalmmaqieilrkkghsyseiinesviEavdslnpfmhargvsfmvdncstt  
arlgskrwaprfdyilsqqalvavdn gapinqdlisnflsdpvh eaigvcaqlrpsvdisvtadadfvrpelr  
qa

>1K30\_A

mashsrkfldvrseeellscikketeagklppnvaagmeelyqnyrnaviesgnpkadeivlsnmtvaldril  
ldvedpfvfsshhkairepfdyyifgqnyirplidfgnsfvgnslfkdieeklqqghnvvlisnHqteaDpa

iislllektnpypiaentifvagdrvladplckpfsignrlivyskkhmf dipeltetkrkantrslkemall  
lrggsqliwiapsggrdrdpdstgewypapfdassvdmrrliqhsdvpghlfplallchdimpppsqveiei  
gekrviafngaglsvapeisfeeiaathknpeevreayskalfdsvamqynvlktaiskgqglgastadvsls  
qpw

>1AKM\_A

sgfyhkhflklldftpaelnslqlaaklkadkksgkeeakltgknialifekdstrtrcsfevaaydqgarv  
tylgpsgsqighkesikdtarvlgrmydgiqyRgygqeivetlaeyasvpvwnltnefHptQlladlltmqe  
hlpgekafnemtlvyagdarnnmgnsmleaaaaltgldrlvapqacwpeaalvtecralaqqnggnitltedva  
kgvegadfiytDvwvsmgeakekwaeriallreyqvnskmmqltgnpevkflhClpafhddqttlkgkmaeef  
glhggmevtdevfesaasivfdqaenRmhtikavmvatlsk

>1FO5\_A

mskvkielftspmCPHCpaakrvveevanempdaveveyinvmenpqkameygyimavptivingdvefigapt  
kealveaikkrl

>1PZ3\_A

matkkatmiiekdfkiaeidkriygsfiehlgravyggyiepghpqadengfrqdvievlkelqvpiirypgg  
nfvsgynwedgvpgkeqrprlldlawksvetneiglnefmdwakmvgaevmavnlgrgidaarnlveycnh  
psgsyysdlriahgykephkiktwclgnEmdgpwqighktaveygriaceaakvmkwvdpptielvvcgssnrn  
mptfaeweattvldhtydhvdyislhqyygnrdndtanylalslemddfirsvvaiadyvakkrskktihlsf  
dewnvwyhsneadk liepwtvappliediynfedallvgcmlitlmkhadrkviacqlvnviapimtekng  
pawqtiyypfmhasvygrgvalhpvispkydskdftdvpylesiavyneekeevtifavnrmedalllec  
dvrsfedyrviehivlehdnvkqtnsaqsspvphrngdaqlsdrkvsatlpklswnvirlgkr

>1CV2\_A

mslgakpfgekkfiiekgrmayidegtgdpilfqhgnptssylwrnimphcaglgriacdligmgdsdkld  
psgperyayaehrldalwealdlgdrvvlvvhDWgsalgfdwarrhrervqgiaymEaiampiewadfpq  
drdlfqafrsqageelvlqdnvfeqvlpglilrplseamaayrepflaagearrptlswprqipiagtpad  
vvaiardyagwlsespiplkfinaepgalttgrmrdfcrtwqnqteitvagaHfiqedspdeigaaiaafvrr  
lrpa

>1DPG\_A

vseiktlvtffggtgdlarklypsvfnlykkgyllqkhfaivgtarqalnddefkqlvrddcikdftddqaae  
afiehfsyrahdvtdaasyavlkeaieeaadkfddgnrifymsvaprffgtiakylkseglladtgynrlmi  
ekpfgtsydtaaelqndlenafddnqlfriDhyllgkemvqniaalrfgnpifdaawnkdyiknvqvtlsevl  
veeragyydtagalldmignHtmqivgwlamekpesftdkdiraaknaafnalkiydeaevnkyfvraqygag  
dsadfkpyleeldvpadsknntfiagelqfdlprwegvpfyvrsgkrlaakqtrvdivfkagtfngfsegeaq  
eavlslididpkgaieklnaksvedafntrtidlgwtvsdedkntpepyermihdmtngdgsnfadwngvsi  
awkfvdaisavytadkapletykgsgsmgpeasdkllaangdawvfkq

>1GP5\_A

mvaverveslaksgsiisipkeyirpkeelesindvfleekkedgppqvptidlkniesddekirencieelkka  
sldwgvmhlinhgipadlmervkkageeffslsveekekyandqatgkiqgygsklannasgglewedyffhl  
aypeekrldlsiwpktpsdyeatseyakclrlldatkvfkalsvglglepdrlekevggleelllqmKinyyppk  
cpqpelalgveahtdvsaltfilhnmvpgllqlyegkwvtakcvpdsivmhigdtleilsngkyksilhrglv  
nkekvrswavfceppekdivlklpempvsvespakfpprtfaqhieklfgkeqeelvseknd

>1QQZ\_A

eptstpqapiaaykprsnailwdgygvphiygvdapsafygygwaqarshgdnilrlygeargkgaeywgpy  
eqttvlltngvperaqqwyaqqspdfanldafaaginayaqqnpddispdvrvqlpvsgadvvahahrlmn  
flyvaspgrtlgegdppdladqgSnsavapgktangnalllqnpHlswttidyfyyeahlvtpdfiiegatq  
iglpvirfafnqrmgitntVngmvgatnyrltlqdggylydgqvrpferpqasyrlrqadgttvdpleirss  
vhgvpferadgtavavrvagldrpgmleqyfdmitadsfddyaaalarmqvptfnivyadregtinysfngva  
pkraegdiafwqglvpgdssrylwtethplddlprvtnppggfvqnsNdppwtptwptytptkdfpsylapqt  
phslraqqsvrlmsenddlterfmalqlshravmadrtlpdlipaalidpdpevqaaarllaawdreftsd  
raallfeewarlfagqnfagqagfatpwsldkpvtpygvrdpkaavdqlrtaiantkrkygaidrpfgdasr  
milndvnvpgaagygnlgsfrvftwsdpdengvrtphgEtwvamiefstpvrayglmsygnsrqpgtthysd  
qiervsradfrelllrreqveaavqertpfnfkphhhhhh

>2ZAF\_A

vdfklspsqlearrhaqafantvltkasaeystqkdqlsrfqatrpfyreavrhglikaqvpiplgggtmeslv  
hesiileelfavepatsitivatalglmpvilcdspslqekflkpfisgegeplaslmHSepngtanwllqkkgg  
pglqttarkvgnewvisgeklwpsnsggwdykgadlacvvrsvddpskppqdpnvdpatriavllvtretian  
nkkdayqilgepelaghittsgphttrfthfphenllctpglkaqglvetafamSaalvgamaigtaraafe  
ealvfaksdtrggskhiehqsvadklidckirletsrllvwkavttledealewkvklemamqtkiyttdda  
vecvidamkavgmksyakdmsfprllnevmcypplfDggniglkrqmqrvmaledepwaaatygs

>1JFL\_A

mktigilggmgplataelfrriiviktpakrdqehpkviiifnnpqipdrtayilgkgedprpqliwtakrleec  
gadfiimpCntahafvedirkaikiipiismieetakkvkelgfkagllattgtivsgvyekeskygveimt  
ptedeqkdvmrgiyegvkagnlklgrelllktakileergaeciagCtevsvvlkqddlkvpplidpmdviae  
vavkvalek

>1AMY\_A

qvlfggfwneswkhnggwynflmgkvddiaaagithvwlppasqsvaeggypgrlydlldaskygnkaqlksl  
igalhggkvkaiadivinhrtahkdgrgiycifeggtpdarldwgphmicrddrpyadgtgnpdtgadfgaa  
pdiidhlnlrqkelvewlnwllkadigfdgwrfdFakgysadvakiyidrsepsfavaEiwtslayggdgkpnll  
nqdqhrqelvnwvdkvggkppattfdfttkgilnvavegelwrlrgtdgkapgmigwwpakavtfvndhdtgs  
tqhmpfpdsdrvmqgyayilthpgtpcifydffdwglkeeidrlvsrvtrrhgihnesklqiieadadlylae  
idgkvivklgprydvgnlipggfkvaahgndyavweki

>1MHY\_D

maislatkaatnrapvgvepqevhkwlsfnwdfkenrtkyptkyhmanetkeqfkviakeyarmeaaakderq  
fgtllldgltrlgagnkvhprwgetmkvisnflevgeynaiaaasamlwdsataaeqkngylaqlvdeirhthqC  
afinhyyskhyhdpaghndarrtraigplwkgmkrvfadgfigsdavecsvnlqlvgeacfTnplivavtewa  
sangdeitptvflsvetdelrhmangyqtvvsianpasakflntdlinafwtqqkyftpvlgylfeygskfk  
vepwwktwnrwvsedwggiwigrlgkygvesprslrdakrdaywahhdlalaayamwplgfarlalpededqa  
wfeanypgwadhygkifnewkklgyedpksgfipyqwillanghdvyidrvsqvpfipslakgtgslrvhefng  
kkhsltddwgerqwlleperyechnvfeqyegrelseviaeaghgvrsgdktliaqphtrgdnlwtledikrag  
cvfpdplakf

>3QXS\_A

fqqhmlfisatntnagKttcarllaqycnacgvktilKpieTgvndainhssdahlflqdnrlldrsltlk  
isfyrykhvsaapliaqqeedpnapidtdnltqrlhnftktydlvivegagglcvpitleenmldfalkklkakm  
llishdnlgllndcllndfllkshqldykiaainlkgntafhsislpyielfntrsnnpivifqqslkvlmsf  
alkgs

>1OJ4\_A

mrtqwpspaKlnlflyitggradgyhtlqtlfqfldygdtsielrddgdirlltpvegvehednlivraarl  
lmktaadsgrlptgsganisidkrlpmggglgggssnaatvlvalnhlwqcglsmdelaemgltlgaDvpvfv  
rghaafaegvgeiltvpdppekwyhvahpgvsiptpvifkdpelprntpkrsietllkcefsndceviarkrf  
revdavlswlleyapsrltgtgacvfaefdteseaqvleqapewlngfvakgvnlsplhraml

>3D3L\_B

wtlkagalemalkrvytlsswncledfdqifwgqksalaekvrqcwqddelfsyqflnganpmlrrstslp  
srlvlpsgmeelraqlekelqngslfeadfillldgipaaylaaplvmkmepngklqpmviiqppnpssptp  
tlflpsdpplawllakswvrnsdfqlheiqyhlnthlvaeviatmrclpglhpifkfliphigghvqllr  
raaaqltycslcpddladrgllglpgalyahdalrlweiaryvegihllyqrddivkgdpelqawcreit  
evglcqaqdrgefvpvsfqsqslchfltmcvftctaqaahaiNggqlwdyavvpnapctmrmppttkedvtmat  
vmgslpdvrqaclqmaiswhlrmvplghhkekyfsgpkpkavlnqfrtdleklekeitarneqlwdpyeylk  
psciensvt

>1D4A\_A

vgrralivlahsertsfnyamkeaaaaalkkkgewvvesdlyamnfnpisrkditgklkdpanfqypaesvl  
aykeghlspdivaeqkkleaadlvifqfplqwfvgvpailkgwfervfifefaytyaamydkgpfrskkavl  
si ttGsgsmYslqgiHgdmmvilwpiqsgilhfcgfqvlepqltysightpadariqilegwkkrleniwdetp  
lyfapsslfldlnfqagflmkkevqdeeknkkgflsvghhlgksiptdnqikark

>1C0K\_A

lmmhsqkrvvvlvgsgviglssalilarkgysvhilardlpedvssqtfaspwaganwtpfmltldgprqakwe  
estfkkwvelvptghamwllkgtrrfaqnedgllghwykditpnyrplpssecppgaigvtydtlsvhapkycq  
ylarelqklgatferrtvtsleqafdgadlvvnatglgaksiagiddqaaepirgqtvlvkspckrctmdssd

paspayiiprpggevicggtgyvgdwdlsvnpetvqrilkhclrldptissdgtiegievlrhnvglrparrg  
gprveaerivlpldrtkspslgrgsaraakekevtlvhaygfsSagyqqswgaaedvaqlvdeafqryhg  
>1FNB\_A  
qiasdveappapakvekshskmeegitvnkfkpktpyvgrcllntkitgddapgetwhmvfshegeipyreg  
qsvgvipdgedkngkphklrlySiassalgdgfdaksvslcvkrliytndaetikgvcsnflcdlkpgaevk  
ltgvpvgkemlmpkdpnatiimlgtgtgiapfrsflwkmffekhddykfnglawlflgvptsssllykeefekm  
kekapdnfrldfavsreqtnekgekmyiqtrmaqyavelwemlkkdntyvymCglkgmekgiddimvslaaae  
gidwieykrqlkkaeqwnvEvy  
>1QDL\_A  
amevhpiisefasfpfevfkcierdfkvagllsiggpqykarysviawstngylkihddpvnilngylkdlkla  
dipglfkggmigyisydavrfwekirdlkpaaedwpyaefftpdniiydhnegkvynadlssvgcgcdige  
fkvsfydeslnknsyerivsesleyirsgyifqvvlrsfryyifsgdplriyynlrrinpspymfylkfdeky  
ligsspellfrvqdnivetypiagtrprgadqeedkklelelmnsekdkaehlmlvdlarndlgkvcvpgtvk  
vpelmyvekyshvqHivskvigtlkkkynalnvlstfpagtvsgapkpmaniietleeykrppyagavgfi  
sadgnaefaiairtaflnkellrihagagivysnpeseyfetehtklalktaigvr  
>1QDL\_B  
mdltliidnydsfvyniaqivgelgsypivirndeisikgieridpdrliispgpgtpekredigvsldviky  
lgkrtpilgvClghqai gyafgakirrarkvfhgkisniilvnnsplsllygiakefkatryhslvdevhrp  
livdaisaedneimaihheeypiygvqfHpEsvgtslgykilynflnr  
>1V04\_A  
makltaltllgmglalfdrqkssfqtrfnvhrevtpvelpncnlvkgidngsedleilpnglafissglkypg  
imsfdpdksgkillmdlnekepavseleiigntldissfnpHgistfiddntvylllvnHpgssstvevfkf  
qeeekslhlktirhklpsvndivavgehfyatndhyfidpylkswemhlglawsfvtyyspndvrvaeg  
fdfanginispdgkyvyiaellahkihvyekhanwtltplrvlsfdtlvdnisvdptvgdlwvgchpnmgrif  
fydaenppgsevlriqdilseepkvtvvaengtvlqgstvaavykgklligtvfhkalycdl  
>1KZH\_A  
mntslfkqerqkyipklpnllkdfnnislvygenteaqidrqalkeffkntyglpiisftegesslsfskal  
nigiilsgGpapggghnvisgvfdaikkfnpsklfgfggplglendkielteslinsyrntggfdivssgR  
tkieteehynkalfvakennlnaiiigggdsntnaailaeyfkkngeniqvigvpKTiDadlrndhieisfg  
fdsatkiyselignlcrdamstkkyywhfvklmgrsashvalecalcsthpnici vseevlakktlseiidemv  
svilkrslngdnfgvvivpegliiefipevkslmllelcdifdknegefkglniekmkeifvaklsdymkgvyls  
lplfiqfeliksilerdphgnfnvsrvpteklfiemiqsrlndmkkrgeykgsftpvdhffgyegrsafpsnf  
dsdycyslgynavvlilngltgymsciknlnlkptdwiaggvpltmlmnmeerygekkpvikkalvdlegrpf  
kefvknrdkwalnnlylypgpvqyfgsseivdeitetlklelfk  
>1D60\_A  
gvqvmetispgdgrtfpkrqgtcvvhytgmlledgkkfDssrdrnkpfkfmkgqevIrgweegvaqmsvgqrak  
ltispdyaYgatghpggiiphatlvfdvellkle  
>1FRO\_A  
aepqppsggltdeaalsccsdadpstkdflqqtmlrvkdpkksldfytrvlgmtliqkcdfpimkfslyfla  
yedkndipkekdekiawalsrkatlelthnwgteddetqsyhngnsdprgfgghigiavpdrvysackrfeelgv  
kfvkppddgkmkglafiqdpdgywiEilnpnkmattlm  
>1L7D\_A  
mkiaipkerrpgedrvaispevvkklvlgfgeviveggagvgasitddaltaagatiastaagalsqadvvwk  
vqrpmtaegtdevalikegavlmchlga ltnrpvvealtkrkitayamelmpRisraQsmDilSsqsnlagy  
ravidgayefarafpmmmtaagtpparvlfvgvgvaglqaiatakrlgavvmatdvraatkeqveslggkfi  
tvddeamktaetagg yakemgeefrkkqaeavlkelvkt diaittalipgkpapvliteemvtkmkpgsviid  
laveaggnclpsepgkivvkhgvkivghtnvpsrvaadasplfaknllnfltphvdkdtktlvmkledetvsg  
tcvtrdgaivhpalgtgga  
>3KVL\_A  
fyaehlmp tlgglldpesahrlavrftslgllprarfqdsdmlevrvlgkhkfrnpvgiaagfdkhgeavdgly  
kmgfgfveiGsvtpkpqegnprprvfrlpedqavinrygFnshglsvvehrlrarqqkqakltedglplgvnl  
gknktsvdaaedyaegvrvlglpladylvvnvSspnTaglrslqgkaelrrlltkvlqerdglrrvhrpavlvK  
iapdltsqdkediasvvkelgidglivntttvsrpaglqgalrsetggls gkplrdlstqtiremyaltqgrv  
piigvggvssgqdalekiragaslvqlytal tfwgppvvgkvkreleallkeqggvgvtdaigadhr

>1VAO\_A

msktqefrpltlppklslsdfnefiqdiirivgsenvevisskdqivdgsymkpththdphhvmddqdyflasa  
ivaprnvadvsivglankfsfplwpisigrnsgYggaaprsvsgsvldmgknmrvlevnvegaycvvepgv  
tyhdlhnyleannlrldklwldvpDlgggsvlgnavergvgypgghwmhsgmevvlangelrtgmgalpd  
pkrpetmglkpedqpws KIAHLfpygfgpyidglfsqsnmgivtkigiwlmpnprgyqsylitlpkdgdldkqa  
vdiirplrlgmalqnvptirhilldaavlgdkrsysrteplsdeldkiakqnlgrwnfygalygpepirr  
vlwetikdafsaipgvkfyfpedtpensvlrvrdktmqgiptydelkwidwlpngaHlffspiakvsgedamm  
qyavtkkrcqeagldfigtftvgmremhhivcivfnkkdliqkrkvqwlmrtiliddcaangwgeYRthlafmd  
qimetywnwnssflrfnevlknavdpngiiapgksgvwpssqyshvtwkl

>1QFN\_A

mqtvi fgRsGcpYsvraKdlaeklsnerddfqyqyvdiraegitkedlqqkagkpvetvpqifvdqqhiggYt  
dfaawvkenlda

>1PEO\_A

etmdyhalnamlnlydkaghiqfdkdqqaidaffathvrphsvtfasqherlgtlvregyyddavlarydraf  
vlrlfehahasgfrfqtflgawkfytsytlktfdgkrylehfedrvtmvaltlaggdetlatqltdemlsgrf  
qqatptflncgkqqrge lvsCfllriednmesigravnsalqlskrgggvafllsnlreagapikrienqssg  
vipvmkmedafsyanglgarqgagavylhahhpdlrfltdtkrriktlslgvvipditfirlakena qmalfs  
pydiqrrygkpfgdiaiserydeliadphvrktyinardffqtlaeiqfesgypyimfedtvnranpiagrin  
msNlCsEilqvnasryddnldythighdisCnlgslniahvmdspdigrtvetairglta vsdmshirs vps  
iaagnaashaiglgqmnlhgylaregia ygspealdftnlyfytitwhavhtsmrlarergktfagfaqsrya  
sgdyftqylqddwqpktakvralfarsgitlptremwklrddvmrygiynqnlqavpptgsis yinhatssi  
hpivakieirkegktgrvyypapfmtnenldmyqdaydigpekiidtyaeatr hvdqglsitlffpdtattrd  
inka qiyawrk gikslyyirlrql

>1COY\_A

apsrtl adgdrvpalvigsgyggavaalrltqagiptqivemgrswdtpgsdgkifcgmlnpdkrsmwladkt  
dqpvsnfmgfginksidryvgvldserfsgikvyqgrgvggslvnggmavtpkrnyfeeilpsvdsnemy nk  
yfprantglgvnnidqawfestewykfartgrktaqrs gfttafvpnvydfeymkkeaagqvtksglggeviy  
gnnagkksldktylaqaaatgkltittlhrvtkvapatgsgysvtmeqideqgnvvatkvv tadr vffaagsv  
gtskllvsmkaqghlpnlssqvgegwgngnimvgranhmw datgskqatiptmgidnwadptapifaEiapl  
pagletyvslylaitknperarfqfnsgtgkvdl twaqsqnqkgidmakkvfdkinqkegtiyrtdlfgvyyk  
twgddftyHplggvllnkatdnfgrlpeypglyvvdgslvpgnvgvNpfvtitalaernmdkiissdiq

>1P3D\_A

mkhsheeirkiipemrrrvqqihfigiggagmsgiaieillnegyqisgsdiadgvvtqrlaqagakiyighae  
hiegasvvvvssaikddnpelvt skqkripviqraqmlaeimrfrhgiavagthgKttttamismi ytqakld  
ptfvngglvksagknahlgasryliaeadesdasflhlqpmvsvvtnmepdhmdtyegdfekmkatyvkflhn  
lpfyglavmcaddpvlmelpkvgrqvityggfseqadyriedyeqtgfgghytvicpnnerin vllnvp gkhn  
alnataalavakeegiane ailealadfqgagrrfdqlgefirp ngkvrlvddyghhptevgtikaaregw g  
dkrivmifqphrysrt rdlfddfvqvl sqvdalimldvyaageapivgadskslcrsirnlgkvdpilvsdts  
qlgdvldqiiqdgdlilaqgagsvskisrglaeswkn

>1UAG\_A

adyqgknvviiglgtglscvdf flargvtprvmdtrmtppgldklpeaverhtgslndewlmaadlivaspg  
ialahpslsaaadagieivgdielfcreaqapivaitgsngKstvttlvgemakaagvnvgvggNiglpalm l  
lddecelyvlelssfqlettsslqavaatilnvtedHmdrypfglqqyraaklriyenakvcvvnaddaltmp  
irgadercvsfgvnmgydhl nhqqgetwlrvkgekvlnvkemklsgqhnytnalaalaladaaglp rasslka  
lttftglphrfevvlehngvrwindskatnvgsteaalnglhvdgtlhllllggdgksadfsplarylngdnvr  
lycfrdgaqlaalrpevaeqtetmeqamrllaprvqp gdmvllspacasldqfknfeqr gnefarlakelg

>1MHT\_A

mieikdkqltglrfidlfaglggfrlalescgaecvysnewdkyaqevyemnfgekpegditqvnektipdh d  
ilcagfpCqafsisgkqkgfed srgtlffdiarivrekpkvvfmEnvknfashdngntlevv kntmnel dys  
fhakvlnaldygipqkreriymicfrndlniqnfqfpkpfelntfvkdlllpdsevehlvidrkdlvmtnqei  
eqttpktvrlgivgkggqgeri ystrgiaitlsayggg ifaktggylvngktrklhprecarvmgypdsykvh  
pstsqaykqfgnsvvinvlqyia ynigsslnf kpy

>1ULA\_A

mengytyedykntaewllshtkhrpqvvaicgsglgltdkltqaqifdyseipnfprstvpghagrlvfgfl  
ngracvmmqgrfHmyEgyplwkvtfpvrvfhlhgvdltvvtnaagglnpkfevgdimlirdhinlpgfsgqnp  
lrgpnderfgdrfpamsdaydrtmrgralstwkqmgqrelqegtyvmvagpsfetvaecrvlqklgadavgm  
stvpevivarhcgrlrvfgfslitNkvimdyeslekanheevlaagkqaaqkleqfvsilmasiplpdkas

>1JVZ\_A

qapiaaykprsneilwdgygvphiygvdapsafygygwaqarshgdnilrlygeargkgaeywgpdyeqttvw  
lltngvperaqqwyaqqsdpdfrandafaaginayaqqnpddispevrqvlpvsgadvvaHahrlnflyvasp  
grtlg

>1S76\_D

mntiniakndfsdielaaipfntladhygerlareqlalehesyemgearfrkmferqlkagevadnaaakpl  
ittllpkmiarindwfeevkakrgkrptaafqflqeikpeavayitiktltlaceltsadnttvqavasaigraie  
dearfggrirdleakhfkknveeqlnkrvghvykkafmqvveadmllskgllggeawsswhkedsihvgvrciem  
liestgmvsllhrqnagvvgqdsietielapeyaeaiatragalagispmfqpccvvpkpwtgitgggywangrr  
plalvrthskkalmryedvympevykainiaqntawkinkkvlavanvitkwkhcpvedipaierielpmkpe  
didmnpaaltawkraaaavyrkdkarksrrislefmleqankfanhkaiwfpynmdwrgrvyavsmfnpqgnd  
mtkglltlakgkpigkegyywlkihancagvdkvpferikfieenhenimacaksplentwwaeqdspfcf  
lafcfeyagvqhhglsyncslplafdgcsgiqhfsamlrdevggravnllpsetvqdiygivakkvneilqa  
daingtdnevvtvtidentgeisekvklgtkalagqwaygvtrsvtKrsvmtlaygskefgfrqqvledtiqp  
aidsgkglmftqpnaagymakliwesvsvtvvaaveamnwlksaakllaaevdkdktgeilrkrcahvhwtp  
dgfpvwqeykkpiqtrlnlmflgqfrlqptintnkdeidakhqesgiapnfvhsgdqgshlrktvwahekyg  
iesfalihdsfgtipadaanlfkavretmvdtyescdvladfydqfadqlhesqldkmpalpakgnlnrdil  
esdfafa

>1AJS\_A

appsvfaevpqaqpvlvfkliadfredpdprkvnlgvgayrtddcqpwlvpvrkveqriannsslnheylpi  
lglaefrtcasrlalggdspalqekrvvgvqslggtgalrigaeflarwyngtnnkdtppvysstWenhngv  
fttagfkdirsyrywdtekrghdlqgflsdlenapefsifvlhacahnptgtdptpeqwkqiasvmkrflfp  
ffDsayqgfasgnlekdwairyfvssegfelfcaqsfsKnfglynervgnltvvakepdsilrvlsqmkiivr  
vtwsnppaqqarivartlsdpelfhewtgnvktmadrilsmrselealealktpgtwnhitdqigmfsftgl  
npkqveylinqkhiyllpsgrinmcglttknldyvatsihevtkiq

>2XFN\_A

nkcdvvvvvgggisgmaaakllhdsglnvvvleardrvvggrrtytlrnqkvkyvdlggsyvvgptqnrilrlakel  
gletykvneverlihvhvgksypfrgpfppvwnpityldhnnfwrtdmdmgreipsdapwkaplaeewdnmtm  
kelldklcwtesakqlatlfvnlcvtaethevsalwflwyvkQcggtttriisttnggqerkfvvgsgqvseri  
mdllgdrvklerpviyidqtrenvlvetlnhemyeakyvisaipptlgmkihfnpplpmmrnqmitrvplgsv  
iKcivyykepfwrkkdycgmtiidgeeapvaytlddtkpegnyaaimgfilahkarklarltkeerlklklcel  
yakvlgslealepvhyeeknwceeysggcyttyfppgiltqygrvlrqpvdrifyagtetathwsgymegav  
eageraareilhamgkipedeiwqsepesvdvpaqpitttflerhlpsvpglrligltti

>1FLG\_A

kdvtwedianddkttgdvlgymgthaqrwsplkqvnaadnvfkltpawsysfgdekqrgqesqaivsdgviyv  
tasysrlfaldaktgkrlwtynhrpddirpccdvvnrgaaiygdkvffgtldasvvalnkntgkvvwkkkfa  
dhgagytmtgaptivkdgktgkvllihgssgdefgvvgrlfardpdtgeeimwmpfveghmgrlngkdstvtg  
dvkapswpddrnsptgkveswshgggapwqsasfdaetntiivgagngppwntwartakggnphdyslytsq  
qvgvdpssgevkwyfghtpndawDfsgnnelvlfdykakdgkivkatahadrngffyyvdrsnghlqnafpfv  
dnitwashidlktgrpveregqrpplpepgqkhgkavevspplfggknwnpmaysqdtglfyvpanhwkedyw  
teevsytksaylmggfrikrmtyddhvgslramdpvsgkvvwehkehlplwagvlatagnlvftgtgdgyfka  
fdaksgkelwkfqtgsgivspptitweqdgeqylgvtvgygavplwggdmdltrpvaqggsfwvfkpsw

>2PIA\_A

ttpqedgflrlkiaskekiardiwsfeltdpqgaplppfeagaNltvavpngsrartySlcndsqernryviav  
krdsngrggsisfiddtsegdavevsprnefpldkraksfilvaggigitpmlsmarqlraeglrsfrlyyl  
trdpegtaffdeltsdewrsdvkihhdhgdptkafdfwsvfekskpaghvycCgpqalmdtivrmdtghwpsgt  
vhfEsfgatntnarentpftvrlsrsgtsfeipanrsilevlrdanvrpsscesgtcgscktalcsgeadhr  
dmvlrdekggtqimvcvsraksaelvdl

>5COX\_A

anpccsnpcqnrgecmstgfdqykcdctrtrgfygencttpefltriklllkptpntvhyilthfkgvwnivnn  
ipflrslimkyvltsrlylidspptynvhygyksweafsnlsyytralppvaddcptpmgvkgnkelpdskev  
lekvlrrrefipdpqgsnmmfaffaQhftHqffktdhkrgpgftrglghgvdlnhyygetldrghklrlfkdg  
klkyqviggevyppptvkdqvemiypphipenlqfavgqeVfglvpglmmyatiwlrehqrvcdilkqehpew  
gdeqlfqtskliligetikiviedyvqhlsgyhfklkfdpellfnqqfqyqnriasefntlyhwhpllpdtfn  
iedqeysfkqflynnsillegltqfvesftrqiagrvalggrnvpiaqvavakasidqsremkyqslneyrkr  
fslkpytsfeeltgekemaaelkalysdidvmelypallvekprpdaifgetmvelgapfslkglmgnpicsp  
qywkpstfggevgfkiintasiqslcnnvkgcpftsfnvqdpqptktatinasashsrlddinpvtlikrrs  
tel

>3MZ0\_A

srlrigvigtgaigkehinritnklsgaeivavtdvnqeaakvvegyqlnatvypnddslladenvdavlvts  
wgpahessvlkaikaqkyvfceKplattaegcriveeeikvgkrlvqvgfrrydsyyvqlkealdnhvigepl  
ihcahrnptvgdnytttdavvdtlvheidvhlwlvnddyesvqviyppkksknalphlkdpqivvietkkggivin  
aeiyvnckyygydiqceivgedgiiklpepssislrkegrfstldildwqrrfvaaydveiqdfidsiqkkgevs  
gptawdgyiaavtttdacvkaqesgqkekvelkekpefyq

>1GEQ\_A

mfkdgslipyltagdpdkqstlnflallaldehyagaiElgipfsdpiaDgktiqeshyralkngfklreafwivk  
efrrhsstpivlmttyynpiyragvrnflaeakasgvdgilvvdlpvfshakefteiareegiktvflaapntpd  
erlkviddmittgfvYlvsllygttgareeipktaydllrrakricrnkvavgfgvskrehvvsllkegangvvv  
gsalvkiigekgreateflkkkveellgi

>1LXA\_A

midksafvhptaiveegasiganahigpfcivgphveigegtvlkshvvvnghstkigrdneiyyqfasigevnq  
dlkyageptrveigdrnrriresvtihrgtvqgggltkvgsdnllminahiaHdctvgncilannatlaghvs  
vddfaiiggmtavhqfciigahvmvgcgsgvaqdvppyyviaqgnhatpfgvnieglkrrgfsreaitairnay  
kliyrsgktldevkpeiaelaetypevkaftdffarstrglir

>1PYA\_B

ftgvqgrvigydilrspevdkakplftetqwdgselpiydakplqdalveyfgteqdrhypapgsfivcank  
gvtaerpknadadmkgpggygvwsaiaaisfakdptkdssmFvEdagvwetpnedelleylegrrkamaksiaec  
gqdashasfesswigfaytmmeppgqignaitvapyyvslpidsipggsiltpdkdmeimenlmpewlekmgys  
lsannalky

>1PYA\_C

seldaklnklgvdriaaispykqwtrgymepgnigngyvtglkvdagvrdsdddvdgivsYdraetknayig  
qinmttas

>2PTQ\_B

melssltavspvdgrygdkvsalrgifseygllkfrvqvevrwlqklaahaaikevpafaadaigyldaivas  
fseedaariktterttnhdvkaveyflkekvaeipelhavsefihfactsedinlshalmlktardevilpy  
wrqlidglkdldavqyrdipllsrtngqpatpstigkemanvayrmerqyrqlnqveilgkingavgynahia  
aypevdwhqfseefvtslgiqwnpyttqiephdyiaelfdcvarfntilidfdrdvwgyialnhfkqktiage  
igsstmphKvnpidfEnsegnlglsnavlqhlasklpvsrwqrldtstvlrnlvgvigyalayqstlkgvs  
klevnrhdhllldelhdnwevlaepiqtmrrygiekpyeklkeltrgkrvdaegmkqfidglalpeeeekarlka  
mtpanyigraitmvdelkhh

>1QGN\_A

makavdaaaaaaaaaaiapvdtvtvnedvalvenetcndqnvqfdislpsmkayasflnsdgsvaihagerlgrgiv  
tdaittpvvntsayffnkttselidfkekrrasfeygrygnpttvvleekisalegaestllmasgmcastvml  
lalvpagghivttttdcYrktrifietilpkmgitatvidpadvgalelalnqkkvnlfptesptnpflrcvdi  
elvsklchekgalvciDgtfatplnqkalalgadlvhsatKflgghndvlagcisgplklvseirnlhhilg  
galnpnaayliirgmkthlrvqqnstaalrmaeileahpkvrhvyyppglqshpehhiakkqmtgfggavsf  
vdgdlittakfvdalkipyiapsfggcesivdqpaimsywdsqsdrakygimdnlvrfsfsgvedfddlkadi  
lqaldsi

>1UAQ\_A

mvtggmaskwdqkgmdiaeyeeaalgykeggvpiggclinnkdgsvlgrghnmrfqkgsatlhgEistlencgr  
legkvykdttytltSpCdmctgaiimygiprcvvgenvnfkskgekylqtrghevsvvdderckkimkqfid  
erpqdwfedige

>1PWH\_D

maageslhvktplrdsmalskvagtsvflkmdssqpsgsfKirgighlckmkakqgckhfvcssagnagmata  
yaarrlglpativvpsttpaltierlknegatvevvgemldeaiqlakaleknnpgwvyisfpddpliweght  
slvkelketlsakpgaivlsvggggllcgvvqglrevgwedvpaiametfgahsfhaavkegklvtlplkitsv  
akalgvntvgaqtlklfyehpifsevisdqeavtaiekfvddekilvepacgaalaavysgvvcrlqaearlq  
tplaslvvivcggsnislaqlqalkaqlglnellk

>1E6E\_A

stqeftpqicvvvgsgpagfytaqhllkhhsrahvdiyekqlvpfglvrfgvapdHpevknvintftqtarsdr  
cafygnvevgrdvtvqelqdayhavvlsygaedhqaldipgeelpgvfsaraavgwnglpenrelapdlscd  
tavilgggnvalDvarilltppdhlektдитеaalgalrqsrvktvwivgrrgplqvaftikelremiqlpgt  
rpmlpadflglqdrikeaarprkrmlmelllrteatekpgveeaarrasasrawglrffrspqqvlpdpdgrra  
agirlavtrlegigetravptgdvedlpcglvlssigyksrpidpsvpfdpklgvvpnmegrvvdvpglycs  
gwvkrpgtgvITttmtdsfltggqillqdlkaghlpsgprpgsafikalldsrqvwvpsfsdwekldaeervsg  
qasgkpreklldpqemlrllgh

>1ZYM\_A

misgilaspgiafghkalllkedeividrkkisadqvdeverflsgrakasaqletiktkagetfgeekeaif  
eghimlledeeleqeiiialikdkhmtadaaahevieggasaleelddeylkeraadvrdigkrllrnilglki  
idlsaiqdevilvaadltptseTaqlnlkkvlgfitdaggrtsHtsimarslelpaivgtgsvtsqvknddyli  
ldavnnqvyvnpntnevidkmravqeqvasekaelakld

>3ECA\_A

lpnitilatggTiagggdsatksnYtvvgkvgenlvnavpqlkdianvkgeqvvnigsqdmndhvwltlakki  
ntdccktdgfvithgTDtmeetayfldltvkcckpvmvmgamrpstsmsadgpfnlvnavvtaadkasanrgv  
lvvmdntvldgrdvtKtnttdvatfksvnygplgyihngkidyqtrtparkhtsdtpfdvsklnelpkgvivyn  
yanasdlpakalvdagydgivsagvgngnlyksvfdtlataaktgtavvrssrvptgattqdaevddakygfv  
asgtlnpqkarvllqlaltqtcdpqqiqqifnqy

>1Z48\_B

arklftpitikdtlknrivspCysshekdgkltpfhahyisraigqvgliiveasavnpqgritdqdligiwsd  
ehiegfaklteqvkeqgskigiqlahagrkaelegdifapsaiafdeqsatpvesaekvketvqefkqaaara  
keagfdvieiHaaHgYliheflsplsnhrtdeyggspenryrflreiidevkqvwgdgplfvRvsasytdkgl  
diadhigfakwkeqgvdlidcssgalvhadinvfpgyqvsfaekireqadatgavgitdgsaeelqngradl  
ifigrellrdpffartaakqlnteipapvqyergw

>1FSG\_A

gshmaskpiedygkgkgriepmyipdntfynaddflvpphckpyidkillpgglvkdrveklaydihrtyfge  
elhiicilkgsrgffnllidylatiqkysgressvppffehyvrlksyqndnstgqltvlsddlsifrdkhvl  
ivEDivDtgtftltefgerlkavgpksmriatlveKrtDrsnslkgdfvgfsiedvwivgccydfnemfrdfdh  
vavlsdaarkkfek

>1PUD\_A

mveatagetdrprfsfsiaaregkartgtiemkrgvirtpafmpvgtaatvkalkpetvratgadiilgntyh  
lmlrpgaeriaklgglhsfmgwdrpiltDsggyqvmsslstkqseegvtfkshldgsrhmispersieiqhl  
lgdivmafdectypypatpsraassmersmrwakrsrdafdsrkeqaenaalfgiqqgsvfenlrqqsadala  
eigfdgyavggglavgegqdemfrvldfsvpmlpddkphylmgvgkppddivgavergidmfdcvlptrsgrngq  
aftwdgpinirnarfsedlklpldsechcavcqkwsrayihhlirageilgamlmtehniafyqqlmqkirdsi  
segrfsqfaqdfraryfarns

>1DJ0\_A

ppvykialgieydgskyygwqrqnevrsvqeklekalsqvanepitvfcagrtDagvhgtgqvvhfettalrk  
daawtlgvnanlpgdiavrwwktvpddfarfsatarryryiiynhrlrpavlskgvthfyepldaermhraa  
qcllgendftsfravqcqsrtprwnvmhinvtrhgpyvvvdikanafvhmvrnivgslmevgahnqpeswia  
ellaakdrtlaaatakaeglylvavdypdrydlpkppmgplflad

>1AKO\_A

mkfvsfNinglrarphqleaivekhqpdiviglqetkvhddmpleevaklgynvfhyhgqkghygvalltketp  
iavrrgfpddeeagrriimaepsllgnvtvingyfpqgesrdhpkfpakaqfyqnlqnyletelkrdnvp  
limgDmNisptdlidigieenrkrwlrtdgkcsflpeerewmdrlmswglvdtfrhanpqtadrfswfdyrskg  
fddnrglriDlillasqplaeccvetgidyeirmsmekpsdHapvwatfrr

>1MOK\_A



mkvwnarndhltinqwatrideileapdggeviynvdendpreydaifiggggaagrfgsaylramggrqlivd  
rwpfLggsCphnaCvphhlfsdcaaelmlartfsggywfpdmtetekvvgikevvdldfragrngpHgimnfqske  
qlnleyilncpakvidnhtveaagkvfkaknlilavgagpgtldvpgvnakgvfdhatlveeldyepgstvvv  
vggsktaveygcffnatgrrtvmlvrteplklikdnetrayvldrmkeggmeiisgsnvtrieedangrvqav  
vampngemrietdfvflglgeqprsaalakilgldlgpkgevlvneylqtsvpnvayavgdliggpmemfkar  
ksgcyaarnvmgekisytpknypdflhthyevsflgmgeeeeraagheivtikmppdtenglnvalpasdrtm  
lyafgkgtahmsgfqkividaktrkvlgahhvgygakdafqylnvlikqgltvdelgdmdeFlnpthfiqls  
rlragsknlvsl

>7ODC\_A

mssftkdefdchildegftakdildqkinevsssdckdafyvadlgdilkklhlrlwlkalprvtpfyavKcnds  
raivstlaaigtgfdaskteiqlvqglgvpaervianpckqvsqikyaasngvqmmtdseielmkvarah  
pkaklvrlriatddskavcrslsvkfgatlktserlllerakelnidvigvsfHvsgsgctdpdftvqavsdarcvf  
dmatevgfsmhlldigggfpgsedtklkfeeitsvinpaldkyfspdsgvriiaEpgryyvasaftlavniia  
kktvwkeqpgsddedesneqtfmyyvndgvysfncilydhahvkallqkrpkpdekyysssiwgptcdglr  
ivercnlpemhvgdwmlfenmgaytvaaastfngfqrpniiyyvmsrpmwqlmkqiqshg

>1FWK\_D

mkvrvkapctsanlgvgfdvfglclkepydvieveaiddekeiievdckniptdpdknvagivakkmiddfni  
gkgvkitikkvgkagsglgssaassagtayainelfklnldklklvdyasygelassgakhadnvapaifggf  
tmvtnyeplevlhipidfkldiliaipnisinTkeareilpkavglkdlvnnvgkacgmvyalynkdkslfr  
ymmsdkviepvrgrklipnyfkikeevkdkvygitisgsgpsiiafpkeefidevenilrddyentirtevgkg  
vevv

>1RBL\_A

saagykagvkdykltyytpdytpkdtllaafrfsspqqgvpadeagaaiaaesstgtwttvwtldlldmdryk  
gkcyhiepvageensyfafiaaypldlfeegsvtniltsivgnvfkgkairsrlredirfpvalvktfqqpphg  
iqverdllnkygrpmlgctiKpKlglksaknygravyecrlrgldftKdDeninsqpfqrwrdrflfvadaihk  
sqaetgeikghylnvtaptceemmkraefakelgmpiihdfhtagftanttlakwcrdngvllhiHramhav  
idrqrnhgihfrvlakclrlsggdhlHsgtvvgklegdkastlgfvdmlredhieadrsrgvfftqdwasmg  
vlpvasggihvwhmpalveifgddsvlqfgggtlghpwnapgatanrvaleacvqarnegrdlyreggdilr  
eagkwspelaaaaldlweikfefetmdkl

>2WTB\_A

gktvmevggdgvavitlinppvnslsfdvlynlksnyeealsrndvkaivitgakgrfsggFdiepkagYisi  
DiitdlleaarkpsvaaaidglalgGglElamacharisapaaqlglpElqlgviPGfggtqrlprlvgltkal  
emiltskpvkaeeghslglidavvppaelvttarrwaldivgrrkpwvssvsktdklplgeareiltfakaq  
tlkrapnmkhplmcldaievvgpraglekeaevasqvkltdttkglhvffsqrgtakvpvgvtdrglvpr  
kikkvaiiggglmgsgiatallilsnypvilkevnekfleagigrvkanlqsrvsqekfektmsllkgsldye  
sfrdvdmvieavienislkqqifadlekycpqhccilasntStidlnkigertksqdrivgahffspahimpll  
EivrtntsraqvivdldlvgkikkktppvvgnctgfavNrmffpytqaamflvecgadpylidraiskfgmpm  
gpfrlcdlvfgfvaiatatqfienfsertyksmiiplmqedkdpelkkyiekarsisgvkl dpkklanlseki  
iemtffpvvneacrvaegiaavkaadldiagimgmgfppyrngimfwadsigskyiysrldewskaygeffkp  
caflaergskgvllsapvk

>2DOR\_A

mlnttfanakfanpfmnaasgvhcm tiedleelkasqagayitKsstlekrengnplpryvdllelgsinsmgln  
lgfdyyldyvlknqkenagegpiffsiagmsaaeniamlkkiquesdfsgitelnlCsnpvpgkpqlaydfeat  
ekllkevftfftkplgvklppyfdlvhfdimaeilnqfpptyvnsvnsgnlgfidpeaesvvikpkdgfggi  
ggayikptalanvrafytrlkpei qiiigtggietggdafaehl lcgatmlqigtalhkegpaifdriikeleei  
mnqkyqsiadfhgklksl

>1AB8\_A

slkneelyhqsycvcvmfasipdfkefytesdvnkegleclrllneiiadfdllskpkfsgvekiktigst  
ymaatglsaipsqehageperqymhigtmvefayalvgkl dainkhsfndfklrvginhgvpviagvigaqkpq  
ydiwgnntvnvasRmdstgvldkiqvteetslilqtlgytctcrgiinvkkgdldktyfvntemsrslsqsnla  
s

>1R4Z\_A

aehnpvvmvhgIggasfnfagiksylvsqgwsrdklyavdfwdktgtynngpvlrsrfvqkvldetgakkvdi  
vahSMggantlyyiknldggnkvanvvtlgganrlttgkalpgtdpnqkilytsiyssaDmivmnylsrldga  
rnvqihgvghiglllyssqvnslikeglngggqntn

>1BS9\_A

scpaihvfgareTtaspgygssstvnngvlsaypggstaeainypacggqsscggysssvaaggiaavasavn  
sfnsqcpstktivlvgySQggeimdvalcgggdpnqgytntavqlsssavnmvkaaifmgdpmfraglsyevgt  
caaggfdqrpagfscpsaakiksycdasDpyccngsnaatHqgygseygsqalafvksklg

>1EMD\_A

mkvavlgaaggigqalalllktqlpsgselslydiapvtpgvavdlshiptavkikgfsgedatpalegadvv  
lisagvrrkpgmdrsdlfnvnagivknlvqqvaktcpkacigiitnpvnttvaiaaevlkkagvydknklfgv  
ttlDiirsntfvaelkgkqpgevevpvigHsgvtilpllsqvpqvsfteqevadltkriqnagtevveakag  
ggsatlsmsgaaarfglslvralqgeggvvecayvegdgqyarffsqplllgkngveerksigtlsafeqnal  
egmldtlkkdialggefvnk

>1XQD\_A

masgapspfprsrasgpeppaefaklratnpvsqvkldfgslawlvtkhkdvcfvatseklskvrtrqgfpelg  
aggkqaakakptfvdmdppehmqsrsmveptftpeavknlpqyiqrtvddlleqmkqkgcangpvdldvkefal  
pvpsyiiytllgvpfndleyltqqnairtngsstarqasaangelldylailveqrlvepkddiisklcteqv  
kpgnidksdavqiaflllvagnatmvnmialgvatlaqhpdlqlkanpslapqfveelcryhtaSalaikr  
takedvmigdklvranegiiasngsanrdeevfenpdefnmnrkwppqdpplgfgfghrciaehlakaelttv  
fstlyqkfpdlkvavplgkinytplnrDvgivdlpvif

>1R16\_B

ivptrelenvflgrckdyeitryldilprvrdsalwkdfkafsfknpcdlldlgsykdfftsagqqlpknk  
vmfwsqgydeahdyantgrkyitlEdtlpgymlnslvwcgqranpgfnekvcpdfktcpvqaresfwgmasss  
yahsaegevtyvmvdgsnpkvpayrpsdffgkyElpnltknkvtrvkvivlhlrlgekiiekcgagslldleklvk  
akhfafdcvenpravlfllcsdnpnareclra

>2BX4\_A

sgfrkmafpsgkvegcmvqvctgtttlnlglwlddtvycprHvictaedmlnpnyedllirksnhsflvqagnv  
qlrvighsmqncllrlkvdtspktpkykfvrpqpgqtfsvlacynsgspgyqcamrpnhtikgsflngsCg  
svgnidydvcvsfcymhmelptgvhagtdlegkfgygpfvdrqtaqaagtdttitlnvlawlyaavingdrwf  
lnrftttlndfnlvamkynyeppltqdhvdlglpsaqtgiavldmcaalkellqngmngartilgstiledft  
pfdvvrqscsgvtfq

>1LTQ\_A

mkkiiltigcpgsgKstwarefiaknpgfyinrDdyrqsimaheerdeykytkkkegivtgmqfdtaksily  
ggdsvkgviisdtnlnperrlawetfakeygwkvvehkvfdvpwtelvkrrnskRgtkavpidvlrsmysmrey  
lglpvyngtpgkpavifDvdgtlakmngrgpydlekdtdvinpmvvelskmyalmgyqivvsgresgtke  
dptkyyrmtkrkwediagvplvmqcqreggdtrkddvvkeefwkhiaphfdvklaidrtqvemwrrigve  
cwqvasgdf

>1I78\_A

stetlsftpdninadisltlsgtkervylaeeggrkvsqldwkfnnaaiikgainwdlmpqisigaagwtt  
lgsrggmnmvDqDwmdssnpgtwtdeArhpdtqlnyanefdlnikgwillnepnyrlglmagyqesrysftargg  
syisseeegfrddigsfpngeraigykrfkmpyigltgsyryedfelggtfkysgwvessdnDeHydpkgri  
tyrskvkdqnyysvavnagyyvtpnakvyvegawnrvtnkkngtslydhnnntsdyskngagienynfittag  
lkytf

>1E5Q\_H

atksvlmlgsgfvtrptldvltldsgikvtvacrtlesakklsagvqhstpisldvnddaaldaevakhdlvis  
lipytffhatviksairqkkhvttisyvspammeldqaakdagitvmneiglDpgidhlyaiktieevhaaggk  
iktflsycggplpapessdnplgykfswwsrgvllalrnaasfykdgkvtnvagpelmatakpyfiypgfafva  
ypnrdstpykeryqipeadnivrgtlryqgfpqfikvlvdigflsdeeqpflkeaipweatqkivkassase  
qdivstivsnatfesteeqkrivaglkwlgifsdkkitprgnaldtlcatleekmqfeegerdlvmlqhkfei  
enkdgstretrtsslceygagpigsggysamaklvgvpcavavkfvltdgtisdrvglapmnskindplmkelkek  
ygieckekvva

>1V25\_A

megermnafpstmmdeelnldwfleraaalfrkevvsrlhtgevhrttyaevyqrarrrlmggllralgvvgvd  
rvatlgfnhfrhleayfavpgmgavlhtanprlspkeiayilnhaedkvllfdpnllplveairgelktvqh

vvmdekapegylayealgeeadpvrpveraacgmayttgttglpkgvvyshralvlhslaaslvdgtalsek  
dvvlpvvpmfhvnawclpyaatlvgakqvlpgprldpaslvelfdgegvtftagvptvwlaladylestghrl  
ktlrrlvvggsaaprsliafermgevrrqgygtetspvvvqnfvkshleslseeekltlkaktglpiplr  
lradeegrpvpkdgalgevqlkgpwitgggygneeatrsaltpdgffrtgdiavwdeegyveikdrldli  
KsggeWissvdlenalmgphkvkeaavvaiphpkwqerplavvvprgekptpeelnehllkagfakwqlpday  
vfaeeiprtsagkflkralreqyknyygga

>1AL6\_A

asstnlkdvlslipkeqariktfrqghntavggqitvdmseyggmrgmkgliyetsvldpdegirfrgfsipe  
cqkllpkaggeeppegflfwllvtggqiptpeqvswvskewakraalpshvvtmldnfptnlhpmsqlsaait  
alnsesnfarayaeiginrtkywefvyedamdliaklpcvaakiyrnlyragssigaidskldwshnftnmlgy  
tdpqftelmrlyltihsdheggvSahtshlvgsalsdpylsfaaamnglagplHglangevllwlsqldkdl  
gadasdeklrdyiwnltlnsgrvpgygHavlrktdptrytcqrefalkhlpsdpmfklvaqlykiwpnvlllegg  
kaknpwpnvDahsgvllqyygtemnyyvtlfgvsralgvlaqliwsralgfplerpksmstagleklsagg

>1MEK\_A

dapeeedhvlvlrksnfaealaahkyllvefyapwCGHCKalapeyakaagklkaegseirlakvdateesdl  
aqygyrgyptikffrngdtaspkeytagreaddivnwlkkrtgpaa

>1DW9\_A

miqsqinrnlrldladaillskakkdlsfaeiadgtglaeafvtaallgqqalpadaarlvgakldldedsil  
llqmiprgcidriptdptmyRfyEmlqvvgttlkalvhekfgdgiisainfkldvkkvadpeggeravitl  
dgkylptkpf

>1HFE\_M

srtvmerieyemhtpdkadpdklhfvqideakcigcdtcsqycptaafgemgephsiphieacincgqclt  
hpenaiyeaqswvpevekkldgkvkciampapavryalgdafigmpvgsvttgkmlaalqklgfahcwndtef  
tadvtiweegsefverltkksdmlpqftsCcpwgqkyatyyellphfstckspigmngalaktygaermk  
ydpkqvytvsimpciaKkyeglrpelkssgmridatlttrelaymikkagidfaklpdgkrdsmlgestgga  
tifgvtggvmeaalrfayeavtgkkpdswdfkavrgldgikeatvnnvggtdvkavvhgagrfrkqvcdvdkag  
kspyhfieymacpggcvcgqgvmpgvlea

>3FY4\_C

sgsliwfrkglrvhdnpaleyaskgsefmyvpvfidphymesdpsafspgssragvnrirflleslkdldssl  
kklgsrlllvfkgepgevlvrclqewkvkrlcfeytdtpyyqaldvkvkdyasstgvevfspvshltfnpahii  
eknggkpplsyqsflkvagepscakselvmsyslppigdiglgisevpsleelgykddeqadwtpfrgges  
ealkrltksisdkawvanfekpkgdpsaflkpattvmspylkfgclssryfyqclqniykdvkkhtsppvsll  
gQllWreffyyttafgtpnfdkmkgnricksqipwnedhamlaawrdgktgypwidaimvqllkwgwmhHlarhc  
vacfltrgdlfihweqgrdvferllidsdwainngnwmwlsccssffyyqfnriyspisfgkkydpdkyirhfl  
pvlkdmkpqiyyepwtaplsvqtkancivgkdykpkmvhlhdsaskeckrkmgeayalnkkmdgkvdeenlrdl  
rrklqkdeh

>3032\_B

ntrvielfdeftdlirdfivrheittpeyetimqymisvgeagewplwldaffettvdsvsykgkgnwtssaiq  
gpffkegapllltgkpatlpmradepgdrmrftgsvrtdstgtpitgavidvwhstndgnysffspalpdqyllr  
grvvpadgsiefhsirpvpYeipkagptgqlmnsylgrhswRpahihiritadgyrplitqlyfegdpyls  
dscsavkselvlvpvknididgetwqlvdfnfilqhn

>1JXA\_A

cgivgaiaqrdaeilleglrrleyrgydsaglavvdaeghmtrlrrlgkvqmlaqaeehplhggtgiahr  
wathgepsevnahphvsehivvvhngiienheplreelkargytfvsetdteviahlvnwelkqggtlreavl  
raipqlrgaygtvimdsrhpdtllaarsgsplviglgmgenfiasdqlallpvtrrfifleegdiaeitrrsv  
nifdktgaevkrqadiesnlqydagdkgiyrhymqkeiyeqpnaikntltgrishgqvdltselgpnadellskv  
ehiqilacgtsynsgmvrsrywfeslagipcdveiasefryrksavrrnslmitlsqsgetadtlaglrslskel  
gylgslaicnvpvgsslvresdlalmtnagteigvastkafttqltvllmlvaklsklkgldasiehdivhglq  
alpsrieqmlsqdkriealaedfsdkhhalfgrgdqypialEgalKlkEisyihaeayaagelkHgplalid  
admpvivvapnnelleklksnieevrarggqlyvfadqdagfvssdnmhiemphveeviapiifytvplqllla  
yhvalikgtdvdqprnlaKsvtve

>1DGS\_A

mtreearrinelrdliryhnyryyvladpeisdaeydrllrelkeleerfpefkspdspteqvgarpleptf  
rpvrhptrmysldnaftyeevlafeerlereaeapslytvehKvDglsvlyyeeegvwstgsgdgevgeevtqn

lltiptiprrlkgvpdrlevrgevypieaflrlneeleergekvfknprnaaagslrqkdprvtakgrlat  
fyalglglgleesglksqyellllwlkekghpvehcyekalgaegveevyrrglaqrhalpfeadgvvlklddl  
tlwgelgytarapralfalayKfpaeeketrllldvvfqvgrtgrrtpvgvlepvfiegsevsrvtlhnesyieel  
dirigdwvlvhkaggvipevrlrvlkerrtgkerpirwpeacpecghrlvkegkvhrpcpnplcpakrfeairhy  
asrkamdieglgeklierllekgvlrdvadlyhlrkedllglermgeksagnllrqieeskhrglerllyalg  
lpgvgevlarnlarrfgtmdrllleasleelieveevgeltarailetlkdpafrdlvrrlkeagvsmeskeev  
sdllsgltfvltgelsrpreevkallgrlgakvtdsvsrktsylvngenpgsklekaralgvavlteeeefwrf  
lkekgapvpa

>1SMN\_A

dtlesidncavgcptggssnvsivrhaytlnnnsttkfanwvayhitkdtpasgktrnwkt dpalnpadtlap  
adytganaalkvdRgHqaplaslagvsdweslnylsnitpqksdlNggawarledqerklidradissvytvt  
gplyerdmgklpgtqkahtipsaywkvivinnspavnhyaafldqntpkgadfcqfrvtvdeiekrtgliiw  
aglpddvqaslkskpgvlpelmgckn

>1IEC\_A

avapvyvggflarydqspdeaellprdvvehwllalplninHddtavvghvaamqsvrdglfclgcvt sprfl  
eivrrasekselvsrgpvspqlqpdkvveflsgsyagllSsrfkAvalcsvgRRrgtlavygrdpewvtqrfpd  
ltaadrldglraqwggdpfrsdsyglgnsvdalyirerlpklrydkqlvgvteresyvka

>3QKV\_B

qkargaatrarkqkrasletmdkavqrfrlqnpdlldsealltlplllqlvqklqsgelspeavfftylgkawev  
nkgtnvcvtsyltdcetqlsqaprqglllygvpsvlKecfsykghdstlglslnegmpsesdcvvvqvlklqgav  
pfvhtnvpqsmisfcdsnplfgqtmnpwksskspggSSggegagligsggsplglgtdIGGSirfpsafcgicg  
lkptgnrlsksglkgcvyqgtavqlslgpmardveslalclkallicehlftldptvpplpfreevyrssrplr  
vgyyetdnytmppamrralietkqrleaaghtlipflpnnipyalevl sagglfsdggrsflqnfkqgdfvdp  
clgdlllilrlpswfkrlslslllkplfprlaaflnsmrpsaeklwklqheiemyrqsviaqwkamnl dvllt  
pmlgpaldlntpgratgaisytvlncldfpagvvpvttvtaeddaqmelykgyfgdiwdiilkamknsvgl  
pvavqcvalpwqeelclrfmreveqlmtpqkq

>1XNY\_A

msepeeqqpdihttagkladlrrrieethagsaravekqhakgkltareridllldegsvfeldefarhrst  
nfgldanrpygdgvvtgygtvdgrpvavfsqdftvfggalgevygqkivkvmdfalktgcpvvgindsggari  
qegvaslgaygeifrnrthasgvipqislvvgpcaGGavySPAitdftvmvdtshmitgpdviktvtgedv  
gfeelggarthnstsgvahhmagdek daveyvqllsylvpsnnlseppafpee adlavt dedaeldti vpsa  
nqpydmhsviehvlldaeffetqplfapniltgfggrvegrpv givanqpmqfagclditasekaarfvrtcd  
fnvpvltfvdvpqflpgvdqehdgiirrgaklifayaeatvplitvitrkafgGAYdvmgskhl gadlnlawp  
taqiavmgaqgavnilhrirti adagddaeatrarliqeyedallnpytaaergyvdavimpsdtrrhivrglr  
qlrtkreslppkhhgnipl

>3FPC\_A

mkgfamlsigkvwiekekpapgpfdaiivrplavapcTSdiHtvfegaigerhnmilgheavgevevgsevk  
dfkpgdrvvvpaitpdwrtsevrqgyhqhsggm lagwkfsnvkdgvfgeffhvn dadmnlahlpkeipleaav  
mipdmmttgfhgaelanikl gdtvcvigigpvglmsvaganhlgagrifavgsrk hccdialeygatdiinyk  
ngdiveqilkatdgkgvdkvviaggdvhtfaqavkmikpgsdignvnylgegdnidiprsewgvgmghkhih  
glcpggrlrmrlidlvfykrvdpsklvthvfrgfdniekafmlmkdkpkdlikpvvila

>2J5M\_A

epgsgigypydnntlpyvapgpptdsrapCpalnalanhgyiphdgraisretlqnaflnhmgiansvielalt  
nafvvceyvtgsdcgdslnltllaephaf eHDhsfsrkykqgvansndfidnrnfdaetfqt sldvvagkt  
hfdyadmneirlqreslsneldfpgwfteskipqnvEsgfifalvsdfnlpdndenplvridwwkywftnesf  
pyhlghwppspareiefvtsassavlaasvtstpsslpsgaigpgaeavplsfastmtpfl latnapyyaqdp  
tlgpnd

>3CYN\_B

nlyfqsminsfyafevk dakgrtvslekykgkvsllvvnvasdcqltdrnylg lkelhkefgpshfsvlafpcn  
qfgeSeprpskevesfarknygvtfpifhkikilgsegepafrflvdsskkeprWnfwkylvnpegqvkvkfw  
peepievirpdiaalvrqviiikkedl

>1NF9\_A

msgipeitayplptaqqpanlarwsleprravllvhDmqryflrplpeslraglvanaarlrrwcveggvqi  
aytaqpgsmteeqrgllkdfwpgpmraspadrevveelapgpddwlltkwrysaffhsdllqrmraagrdqlv  
lcvgyahvgvlistvdaysndiqpflvadaiadfseahhrmaleyaasrcamvvttdevle

>1PMI\_A

sseklfriqcyqnydwgkigssssavaqfvhnsdpsitidetkpyaelwmgthpsvpskaidlnnqtlrldlvt  
akpgeylgesiitkfgsskelpflfkvl siekvl siQahpd kklgaqlhaadpknyppddnhkpemaiavtdfe  
gfcgfkpldqlaktlatvpelneiigqelvdefisgiklpaevgsqddvnnrkllqkvfgklmntddd vikqq  
takllertdrepqvfkdid srlpeligrlnkqfpndiglfcgc lllnhvglnkgeamflqakdphayisgdii  
EcmaasdnvvRagftpkfkdvknlvemltysyesvekqkmp lqefprskgdavksvlydppiaefsvlqtifd  
kskggkqvieglngpsiviatngkgtiqitgddstkqkidtgyvffvapgssieltadsanqdqdfTTYrafv  
ea

>1F75\_A

mfpikkrkaiknnninaaqipkhiaaiimgngRwakqkmpRikghyegmqtvrkitryasdlgvkytltyaf  
stenwsrp kdevnylmklpgdflntflpelieknvkvetigfiddlpdhtkkavleakektkhntgltlvfal  
nyggrkeiisavqliaeryksgeisldeisethfneylftanmpdpelliRtsgeeRlsnfliwqcsysefvf  
idfwpdfneeslaqcisiyqnrhrrfggl

>1N29\_A

alvnfhrmiklttgkeaalsygygchcGvggrgspkdatdrccvtHdccykrlekr gcg tkflsykfsnsgs  
ritcakqdscrsqlcecDkaaatcfarnkttynkkyqyy snkhcrgstprc

>1KRA\_C

msnlsrqayadmfgptvgdkvrladtelwieveddltygeevkf gggkvirdgm gggqmlaadcvdlvlt na  
livdhwgivkadigvkdgrifaigkagnpdiqpnvtipigaateviaaegkivtaggidthihwicpqqaeea  
lvsgvttmvgggtgpaagthattctpgpwyisrmlqaadslpvni gllgkgnvsqp dalreqvaagviglkiH  
eDwgatpaaidcaltvademdiqvalhsdtlnesgfvedtlaaiggrtihtfhtegaggghapdiitacahpn  
ilpsstnptlpytlntidehldmlmvcHhldpdiaedvafaesRirretiaaedvlhdlgafsltssdsqamg  
rvgevilrtwqvahrmkvqrgalaeetgdndnfrvkryiakytinpalthgiahevgsievgladlvvwspa  
ffgvkpatvikggmiaiapmgdinasiptpqpvhypmfgalgsarhhcrltflsqaaaangvaerlnlr sai  
avvkgcrtvqkadmvhns lqpnitvdaqtyevrvdgelitsepadvlpmaqryflf

>3A5C\_A

niqgviqkiagpaviakgmlgarmy dickvgeeglvgeiirldgdtafvqvyedts glkvgepvvstglplav  
elgpgmlngiydgirplvhaldrekkwawtpmvkpgdevrggmvlgtvpefgfthkilvppdvrgrvkev kp  
ageytveepvvvledgtelkmyhtwpvrrarpvqrkldpntpf l tgm rildvlfpvamggtaaipgpf gsgkt  
vtqqslakwsnadvvvyvgcggergnemtdvlvefpeltdpktggplmhrtvliantsnmpvaareasiyvgvt  
iaeyfrdqgfsvalmadstsrwaealreissrleempaeegyppylaarlaafyeragkvitlggeegavtiv  
gavspggdmsepvtqstlrvigafwrl daslafrhfpainwngsysLftsaldpwyrenvaedypelrdai  
sellqreaglqeivqlvgpdalqdaerlvievgriiredflqqnayhevdaycsmkkaygimk milafykeae  
aakrgvsideilqlpvlerigraryvseee fpayfeeamkeiqgafkal

>1EVY\_A

mstkqhsakdellylnkavvfgsgafgtalamvlskkcrevcvwhmneeevrlvnekrenvflkgvqlasni  
tfts dvekaynga eiilfviptqflrgffeksggnliayakekqvpvlvctkgierstlkfpaeiigeflpsp  
llsvlagpsfaievatgvftcv siasadinvarrlqrimstgdrsfvcwattdtvgcevasavKnvlaigsgv  
anglgmgl naraalimrglleirdltaalggdgsavfglaglgdlqlTcsselsr nftvgkklgkglpieeiq  
rtskavaegvatadplmrlakqlkvkmp lchqiyeivykkknprdaladllscglqdeglpplfkrsastpsk  
l

>1FY2\_A

mellllsnstlpgkawlehalplianqlngrrsavfipfagvtqtwdeytdktaevlaplgvnvtgihrvadp  
laaiekaeiivvgGntfql lkesrergllapmadrvkrgalyigwSAganlacptirttndmpivdpngfda  
ldlflqlinpHftnalpeghkgetre qrirelllvapel t viglpEgnwiqvsngqavlggpnttwvf kagee  
avaleaghrf

>3N3I\_A

pqv t lwqrplvtikiggqlkealldtgaddtvleemslpgrwkpkmivgiggfikvrqydqilieicghkaig  
tvlvgptpvniigrnlltqigftlnfpqv t lwqrplvtikiggqlkealldtGaddtvleemslpgrwkpkm i  
vgiggfikvrqydqilieicghkaigtvlvgptpvniigrnlltqigftlnf

>1JDW\_A

mlrvrcrlrggsrgaeavhyigsrlgrtltgwwqrtfqstqaatassrnscaaddkateplpkdcpvssynewd  
pleevivgraenacvppftievkantyekywpfyqkqggghyfpkdhkkavaeieemcnilktegtvrrpdp  
idwslkyktpdfestglysamprdilivvgneieapmawrsrffeyrayrsiikdyfhrgakwttapktma  
delyngdypihsvedrkhlaaaggkfvttefepcfDaadfiraqrdfifaqrsqvtnylgiewmrrhlapdyrvh  
iisfkdpnmpHidatfniigpgivlsnprpchgqidlfkkagwtiitpptpiipddhplwmsskwlsnmvlml  
dekrvmvdanevpiqkmfeklgittikvnirnanslgggfhCwtcdvrrrgtqlqsyld

>1F2D\_A

agvakfakyppltfgpspisnlrlsqhlgskvnyvakredcnsqglafgggnKlrkleyivpdivegdythlvsi  
ggrqSnqTrmvaalaaklgkkcvliqedwvpipeaekdvynrvgnielsrimgadrvviedgfdigmrksfan  
algeledaghkypipagcsehkygglgfvgfadevinqevelgikfdkivvccvtgsttagilagmaqygrq  
ddviaidasftsektkeqtlrianntakligvehefkdfldtrfaypcygvpnegtieairtcaeegvlt  
pvYEgksmqglialikedyfkpganvlyvhlggapalsayssffptkta

>1RK2\_A

mqnagslvvlgsinadhilnlqsftpgetvtgnhyqvafggkganqavaagrsganiafiactgddsigesv  
rqqlatdniditpvsvikgestgvalifvngegenvigihaganaalspalveaqrerianasallmqlespl  
esvmaaakiahqntivalnppaparelpdellalvdiitpneteaekltgirvendedaakaaqvlhekgirt  
vlitlgsrgvwasvnggegqrvpgfrvqvavdtiAAGDtfnalitalleekplpeairfahaaaaiaavtrkgaq  
psvpwreeidafldrqr

>1AHJ\_B

mdgvhdlagvqgfgkvphtvdadigptfhaewehlpyslmfagvaelgafsvdevRyvvermeprhymmtpyy  
eryvigvatlmvekgiltqdeleslaggpflsrpsesegrpapvettfevgqrvrvrdeyvpghirmpayc  
rgrvgtishrttekwpfpdaighgrndageptyhvkfaaeelfgsdtdggsvvvdlfegylepaa

>3TNE\_B

dsislslindegpsyaskvsvgsnkqqqtviidTgSsdffwvdsnaqcgkgvdcckssgtftpsssssyknlga  
ftirygdgstsqgtwgkdtvtingvsitgqqiadvtqtsvdqgilgigysneavydtsgrqttpnydnvpvt  
lkkqgkirtnayslylnpsaetgtiifggvdnakysgklvaeqvtssqaltislasvnlkgssfsfgdgall  
DsgTtltfyfspdfaaqladkagarlvqvardqylyfidcntdtsgttvfnfgngakitvpnteivyqngdgtc  
lwgigpsddtilgdnflrhayllynldantisiaqvkyttddsisav

>3NOS\_B

pkfprvknewvgsitydtlsaaqqdgpctprrcslglvfprklqgrpspgppapeqllsqardfinqyyssi  
krsgsqaheqrlqeveaevaagttyqlreselvfgakqawrnaprCvgRiqwgklqvfdardcrsaqemftyi  
cnhikyatrngnlrsaitvfpqrcpgrgdfriwnsqlvryagyrqqdgsvrgdpanveitelciqhgwtpgng  
rfdvlpplllqapdeppelfllppelvlvplehptlewfaalglrwyalpavsnmlleigglefpaapfsgWy  
mstEigtrnlcdphryniledvavcmldtrttsslwkdkaaaveinvavlhsyqlakvtivdhhaatasfmkh  
leneqkarggcpadwawivppisgsltpvfhqemvnyflspafryqpdpwkgsaakgtgitr

>1LXT\_B

vkivtvktkaypdqkpqgtsqlrkrkvfqsstnyaenfiqsiistvepaqrqeatlvvggdgrfymkeaiqli  
vriaaangigrlvigqngilstpavsciirkikaiggiiltaSHnpggpnngdfgikfNisnggpapeaitdki  
fqisktieeyaicpdlkvdlvglgkqqfdlenkfkpftveivdsveayatmlrnfdfnalkellsgpnrlki  
ridamhgvvgpyvkkilceelgapansavncvpbledfgghhdpnltiaadlvmtksgehdfgaafdgdgdr  
nmilgkhgffvnpsdsavaviaanifsiptyfqqtgvrgrfarsmptsgaldrvanatkialyetptgwkffgnlm  
dasklslcgeesfgtgsdHirekdglwavlawlsilatrkqsvdilkdhwhkfgrnfftrydyeeveaegat  
kmmkdlealmfdrsfvgkqfsandkvytvekadnfeyhdpvdgsvsknqglrlifadgsriifrlsgtgsaga  
tirlyidsyekdnakingdpqvmplaplisialkvsqlqertgrtaptvit

>1T7D\_B

mvrsfiyepfqipSgSmmptlligdfilvekfygikdpiyqktlietghpkrqdivvfkyppedpkldyiKr  
avglpgdkvtydpvskeltiqpgcsggacenalpvtysnvpsdfvqtfssrrnggeatsgffevpknnetken  
girlserketlgdvthriltvpiaqdqvgmyyqqpgqqlatwivppggyfmmgdnrdnsadsrywgfvpeanl  
vgrataiwmfsdkqegewptglrlsriggi

>1BOU\_B

marvttgitsshipalgaaiqtgtsdndywgpvfkggyqpirdwikqpgnmpdvvilvyndhasafdmniiptf  
aigcaetfkipadegwgprpvpdvkghpdlawhiaqslildefdmtnmqmdvdhgctvplsmifgepeeupck  
vipfpvnvtypppsgkrcfalgsiraavesfpedlnvhvwtggmsHqlqgpraglinkefdlnfidklis

dpeelskmphiqylresgsegvelvmwlimrgalpekvrldlytfyhipasntalgamilqpeetagtpleprk  
vmshslaqa

>1FUQ\_A

mntvrsekdsmsgaidvpadklwgaqtqrslehfristekmptslihalaltkraaakvnedlgllseekasai  
rqaadevlagqhddefplaiwqtgsgtqsnmmnevlanrasellggvrgmerkvhpnddvnksqssndvfpt  
amhvaallalrkqlipqlktltqtlneksrafadvkigrTHlqdatpltlggeisgwvamlehnkhieysl  
phvaelalggtavgtglnthpeyarrvadelavitcapfvtapnkfealatcdalvqahgalkglaaslmkia  
ndvrwlasgprcgigeisipenepgssimpqKvnptqcEaltmlccqvmgndvainmggasgnfelnvfrpmv  
ihnflqsvrlladgmesfnkhcavgiepnrrerinqllneslmlvtalnthigydkaaeiakkahkegltlkaa  
alalgylseaeafdswvrpeqmvgsmkagrhhhhh

>1E7L\_A

mlltgklykeekqkfydaqngkclicqrelnpdvqanhldHdHelngpkagkvrgllcnlcdaaEggmkhkfn  
rsglkgggvdylewlenlltylksdytqnniHpnfvgdkskefsrlgkeemmaemlqrgfeynesdtkqlia  
sfkkqlrkslk

>1XS1\_A

mrlcdrdieawldegrlsinprppveringatvdvrlgnkfrtfrghtaafidlsqpkdevsaaldrvmsdei  
vldegeafylhpgelalavtlesvtlpadlvgwldgrSslaRlglmvhvtAhRidpgwsgcivlEfynsgklp  
lalrpgmligalsfeplsgpavrpynrredakyrnqqgavasridkd

>1DEK\_A

mkliflsgvkrsgkdttdadfimsnysavkyqlagpikdalayawgvfaantdypcltrkefegidydRetnl  
ltklevitimeqafcylnqkspikgvfvfddegkesvnfvafnkitdvinniedqwsvrrlmqalgtldivnn  
fdrmywvklfaldyldkfnsgydyivpdrqdhemdaaramgatvihvvrpgqksndtHiteaglpirdgdl  
vitndgsleelfskikntlkvl

>2VEP\_A

msklellpavDvrdgqavrlvhgesgtetsygspleaalawqrgaewhlhlddaafgtgdhraliaevaqa  
mdikvelsggirdddtlaaalatgctrvnlgtaaletpewvakviaehgdkiavglDvrgttrlrgwtrdgg  
dlyetldrlnkegcaryvvt diakdgtlqgpnllellknvcaatdrpvvasggvsslddlraiaglpagvega  
ivgkalyakaftleealeats

>1C17\_M

hgkskliaplaltifvwvflmnlmdllpidllpyiaehvlglpalrvvpsadvnvtlsmalgvfililfysik  
mkgiggftkeltlqpfnhwafipvnllilegvsllskpvSlglRlfgNmyagelifiliagllpwwsqwilnvp  
waifhiliitlqafifmvlitivylsmaseeh

>1C17\_L

menlnmdllymaaavmmglaaigaaigigilggkflegaarqpdlipllrtqffivmglyvDaipmiavglgly  
vmfava

>1UK7\_A

manleigksilaagvltnyhdvgegqpvilihgsgpgvsayanwrltipalskfyrviapdmvgfgftdrpen  
ynyskdswwdhiigimdaleiekahivgnAfggglaiaatalryservdrmlmgaagtrfdvteglnavwgyt  
psienmrnllidifaydrslvtdelarlryeasiqpgfgesfssmfpeprqrwidalassdediktlnetlii  
hgreDqvvpssslrlgelidraqlhvfgrcgHwtqieqtdrfrnlvveffneantpklvgrp

>1HIA\_A

iiggrecekshpwqvaihyhyssfqcgglvlnpkwvltaaHckndnyeewlgrhnlfenentaqffgvtadfp  
hpgfnls

>2DHN\_A

mqrtiflkgmrfygyhgalsaEneigqifkvdvtlkvdlseagrtndvidtvhygevfveevksimegkavnll  
ehlaerianrnsqynrvmetkvritKenppipghydgvgieivrenk

>1D2H\_A

vdsvyrtrslgvaaegipdqyadgearvwqlyigdtrsrtaykawllgllrqhgchrvlvacgtgvdsim  
lveegfsvtsvdasdkmlkyalkerwnrkepafdkwvieeanwltldkdvpagdgfdaviclGnsfahlpds  
kgdqsehralkniasmvrpggllvidhKnydyilstgcappgkniyyksdltkdittsvltvnnkahmvtdl  
ytvqvpagagrdgapgfskfrlsYypchlasftelvqeafiggrcqhsvlgdfkpyrpgqayvpcyfihlvkkgtg

>1C4Z\_A

npylrlkvrRdhiiddalvrlemiamenpadlkkqlyvefegEggvdeggvskEffqlvveeifnpgdigmfty  
destklfwfnpsffetegqftligivlglaaynnCILDvhfpmvyrklmgkkgtfdrldgdshpvlyqslkdl

leyegnveddmmittfqisqtdlfgnpmm ydkengdkipitnenrkefvnl ysdyl nksveqkfkafrgrgh  
mvtnesplkylfrpeeiellcgsrnldfqaleetteydggytrdsvlirefweivhsftdeqkrflflqfttg  
tdrapvgglgklkmiiakngp dterlptsHtCfnvlllpeysskeklkerllkaitya

>1OPM\_A

neclgtigpvtpldasdfaldirmpgvtpkesdyfcm smrlpvdeea fvidfkprasm dtvhHmllfgcnmp  
sstgsywfcdegtctd kanilyawarnapptrlpkvgvfrvggetgskyfvlQvhygdisafrdnhkdcsgvs  
vhltrvpqpliagmyl mmsvdtvippg ekvvnadiscqykmpmhvfayrvHthhl gkvsvgyrvr ngqwtli  
grqnpqlpqafypvehpvdvtfgdilaarcvftgegrteathiggtssdemcnlyimyymeakyalsfmtctk  
nva pdmfrtipae anipi

>1FVA\_B

ivspqealpgrkeplvvaakhhvngnrtvepfpegtqma vfgmgcfwgaerkfwtlkgvystqvgfaggytpn  
ptykevcsgktghaEvvr vvfqpehisfeellkvfwenhdptqgm rggndhgsqyrsaiyptsahvgaalks  
kedyqkvlsehgfglittdiregqtfyyaedyhqyylskdpdgycglggtgvscp

>1C3C\_A

veryslspm kdlwteeakyrrwlevelavtrayeelgmipkgvterirnnakidvel fkkieektnhdvva fv  
egigsmigedsrffhygl tssdvldtanslalveagkilleslkefcdvlwevanrykhtptigrTHgvhaep  
tsfgl kvlgwysemkrnvqrleraieevsygkisgavgnyanvppeveekalsylglkpepvstqvvprdrha  
fylstlaivaagieria veirhlqrte vleveepfrkgqrgssamphKknpitcErltglsrmmrayvdpsle  
nialwherdishssveryvfpdatq tlyymivtatnvrnmkvneermkknidltkglvfsqr vllk liekgl  
trkeaydivqrnal ktnwsekhfleyll edeevkk lvtkee leelfdisyylkhvdhiferfek

>1ELS\_A

avskvyarsvydsrgnptvevelttekgvfrsivpsgastgvhealemr dgdkskwm gkgvlhavknvndvia  
pafvkanidvsdq kavddflisldgtanksklganailgvslaasraaaaeknvplykhladlsksktspyvl  
pvpflnvlnggshaggalalqEfmiaptgaktfaealrigsevyhnlksltkkrygasagnvgdEggvapniq  
taeealdlivdaikaaghdgkvkigldcasseffkdgydl dfknpnsdkskwtg pqladlyhslmkrypiv  
siedpfaeddweawshffktagiqivaddltvtnpkriataiekkaadal llkvnqigtlsesikaaqdsfaa  
gwgvmvsHrsgetedtfiadlvv glrtgqiKtgaparserlaklnqllrieelgdnavfagenfhhgdkl

>1CUD\_B

rttrddlingnsascadvifiyargStetgnlgtl gpsiasnlesafgkdgvwiqgvvggayratlgdnalprg  
tssaairemlglfqqantkcpdatliaggySQgaalaaasiedldsairdkiagt vlfgytknlqnr gripny  
padrtkvfcktgDlvctgslivaapHlaygpdaegpapef liekv ravrgs

>1DFO\_A

mlkremniadydaelwqameqekvrqeehieliasenytsprvmqaqgsq ltnkyaEgyppgkryyggceyvdi  
veqlaidrakelfgadyanvqphsgsqanfavytal lepgd tvlgmnlahgg hlt hsgspvnfsgklynivpyg  
idatghid yadlekqakehkpkm iiggfsaysgvvdwakmreiadsigayl fvdmahvaglv aagvypnpvph  
ahvvtTthKt lagprgg l ilakggseelykkl nsavfp gggggplmhviagkavalkeamepefktyqqqva  
knakamvevflergykvvs ggt dnhlflvdlvd knltgkeadaal granitvnknsvpndpkspfvts girvg  
tpaitrrgfkeaeakelagwmc dvl dsindeavierikgkvldicarypva

>1BOL\_A

sscsstalscsnsansdtccspeyglvvl nmqwapgygpdnaftlHglwpdkcsgayapsggcdsnrasssia  
svikskdsslynsmltywpsnqgnnnvf wshEwskHgtcvstydpdcydneyeegedivdyf qkamdlrsqynv  
yakafssngitpggtytatemqsaiesyfgakakidcssgtlsdvalyfyvrgrdtyvitdalstgscsgdvey  
ptk

>1XTC\_A

nddklyRadsrppdeikqsgglmprgqseyfdrgtqmninlydhargtqtgfv rhddgyvStsislr sahlgv  
qtilsg hstylylvlatapnmfnvndvlgaysphpdEqEvsalggipysqi ygwyrvhf gvldeqlhrnrgyr  
dryysnldiapaadgyglagfppehrawreepwihhappgcgnaprss

>1BOB\_A

msandf kpetwtssanealrvsivgenavqfsplftypiygdsekiygykdliihlafds vtfkpyv nvkysa  
klgddnivdvekkllsflpkddvivrdeakwvdcfaeerkthnlsdv fekvseysl ngeefvvykssslvddfa  
rrmhrrvqifsl lfi eaanyidetdpswqi ywllnkktkeligfv ttykywhy l gaksf dedidkkfrakisq  
flifppyqnkg hgscl yeaiiqswledksiteitvEdpneafddldrndiqr l rklgydavfqkhsdlsdef  
lessrkslkleerqfnrlvemllllnns

>1P5D\_X



mstakaptlpasifraydiRgvvgdtltaetaywigraigseslargepcvavgrdgrlsgpelvkqliqglv  
dcgcqvsvdgmvpptpvllyaanvlegksgvmltgsHnppdyngfKivvagetlaneqiqalreriekndlasg  
vgsveqvdlipryfkyqirddiamakpmkvvvdcgngvagviapqliealgcsviplycevdgnfnpnhpdpdk  
penlkdliakvkaenadlglaafdgdgdRvgvvtntgtiipydrllmlfakdvvsrnpgadiifdvkctrria  
lisgyggrpvmwktghslikkkmketgallagemsgHvffkerwfgfddgiysaarlleilsqdgdrdehvf  
afpsdistpeinitvtedskfaiealqrdaqwegnittldgvrvdypkgwglvrasnttpvlvlrfeadte  
eeleriktvrnqlkavdsslpvpf

>1LWD\_A

adqrikvakpvvmgdmdetriiwqfikeklilphvdvqlkyfdlglpnrdqndqvtdsalatqkysvavk  
catitpdearveefklkkmwkspngtirnlggtvfrepiickniprlvpgwtkipitigrhahgdqykatdfv  
vdragtfkiVftpkdgssakqwevynfpaggvgmgmyntdesisgfahscfqyaiqkkwplymstKntilkay  
dgrfkdifgeifekhyktfdkykiwyehrlidDmvaqvlkssggfwwacknydgdvqsdilaqgfgslglmt  
svlvcpgdktieaeaahgtvtrhyrehqgrptstnpiasifawtrglehrghklngdnlirfaqtlevkve  
tvesgamtkdlagcihglslvklnehflntsdfltdiksnldralgrq

>1CI8\_A

mtaasldptafslldaaslaarlavfdqalrerllvgavaivarhgeilyrraaggladreagrpmredtlfrl  
aSvtKpivalavlrlvargelaldapvtrwlpefrprladgseplvtihhllthtslglgywllegagsvydr  
gisdgidlrdflddenlrrlasaplsfapggsgwqYslaldvlgavveratgqplaaavdalvaqplgmrdcgf  
vsaeperfavpyhdgqpepvrmdgievplpeghgaavrfapsrvfepgaypsggagmygsaddvrlaleair  
anpgflpetladaarrdqagvgaetrpgwgfgylsavlddpaaagtpqhagtlqWggVyghswfvdralgls  
vlllntayegmsgplltialrdavyar

>1BMT\_A

qaewrswevnrkleyslvkgitefiedteearqqatrpieviegplmdgmnvvvgdlfgegkmflpqvvksar  
vmkqavaylepfi easkeqgktngkmviatvkgDvHdigknivgvvLqcnnyeivdlgvmvpaekilrtakev  
nadliglsglitpSldemvnnvakemerqgftiplliggattskahtavkieqnysgptvyvqnasrtvgvva  
llsdtqrddfvarttrkeyetvriqghr

>1LCI\_A

medaknikkgpafpypledgtageqlhkamkryalvpgtiaftdahievnityaeyfemsrvlaeamkrygl  
tnhrivvcsenslqffmpvlgalfigvavapandiynerellnsnmnisqptvvfvskkgqlkilnvqklpii  
qkiiimdsktddyqgfgsmytfvtshlppgfneydfvpesfdrdkttialimnssgstglpkgvalphrtacvRf  
shardpifgnqiipdtailsvvpfhHgfgmfttlglylicgfrvvlmyrfeelflrlslqdykiqsallvptlf  
sfakstlidkydlnltheiasggaplskevgeavakrfhlpgirqgyglTettsailitpegddkpgavgv  
vpffeakvvdldtqgtlgnvqrgelcvgpmimgyvnpeatnalidkdgwllhsgdiaywdedehffivdr  
kslikykgyqvapaelesillqhpnidagvaglpdddagelpaavvvlehgkmttekeivdyvasqvttakk  
lrggvvfdevvpkgltgKldarkireilikakkggkskl

>2Z5U\_A

sgvegaafqsrlphdrmtsgeaacfpdiisgpqqtqkvflfirnrllqlwldnpkiqltfeatlqqleapyns  
dtvlvhrvhsylerhglinfgiykrikplptkktgkviigsgvsglaaarqlqsfgmdvtllleardrvggrv  
atfrkgnyvadlgamvvTglggnpmavvskqvnmelakikqkcplyeangqavpkekdemvegefnrllleats  
ylshqldfnvlnnkpvslggalevviqlqekhvkdqiehwkkivktqeelkellnmvnlkekikelhqqyk  
eitaeflvkskhrdltalckeydelatqgkleeklqeleappsdvylssrdrqildwhfanlefanatpls  
tllskHwdqdddfeftgshltvrngyscvpvalaegldiklntavrqvrytasgceviavnttrstsqtftiyc  
davlctlpplgvkqppavqfvpplpewktsavqrmgfgnlnKvvlcfdrvfwdpsvnlfghvgsttasrgel  
flfwnlykapillalvageaagimenisddvivgrclailkgifgssavppketvvsrwrpadpwargsysyv  
aagssgndydlmaqpitppiprlffagehtirnyapatvhgallsglreagriadqflg

>3EBH\_A

pkihyrkdykpsgfiinqvtlninihdqetivrsvlmdiskhnvgedlvfdgvglkineisinnkklevee  
ytydnefltifskfvpskfafsseviihpetnyaltglykskniivsqceatgfrritffidrpdmakyd  
vtadkekyvllsngdkvnefeipggrhgarfndpplkpcylfavvagdlkhlsatyitkytkkkvelyv  
eekyvsklqwaleclksmafdedyfgleydlsrnlvavsdfnvgamEnkglnifnansllaskknsidfsy  
ariltvvghyfhqytgnrvtlrdwqtlkegltvhrenlfseemtktvtrtlshvdllrsvqfledsspls  
hpirpesyvsmEnfytttvydkgsevrmrmyltilgeeyykgfdiyikkndgntatcedfnymeqaykmkka  
dnsanlnqyllwfsqsgtphvsfkynydaekkkqysihvnqytkpdenqkekklfipisvglinpengkemis  
qtteleltesdftvfnniavkpipslfrgfsapvyiedqltdeerilllkydsdafvrynsctniymkqilmn

yneflkakneklesfqltpvnaqfidaikylledphadagfksyivslpqdryiinfvsnldtdvldadtkeyi  
ykqigdklndvyykfmfksleakaddltyfndeshvdfdqmmmrtrntllsllskaqypnilneiiehskspy  
psnwltslsvsayfdkyfelydktyklskddelllqewlktvsrsdrkdiyeilkklenevlkdsknpnndira  
vylpftnnlrrfhdhdisgkgykliaevitktkdfnmpmvatqlcepfklwnkldtkrqelmlnemntmlqepqis  
nnlkeyllrltnk

>1M21\_B

fpyaetdvadlqarmtageldsttltqaylqriaaldrtgprlravielnpdalkeaaerdrerrdgrlrgpl  
hgipllllKdninaapmatsagslalqgfrpddaylvrrlrdagavvlgktnlsewanfrgndsigsarsggq  
trnpyrishspcgSssgsavavaanlasvaigtetdgSivcpaaingvvglkptvglvsrdgiipisfsqda  
gpmarsvadaaavltaiagrddadpatatmpgravydytarldpqglrgkrigllqtpllkyrgmpplieqaa  
telrragavvvpvelpnqgawaeaertlllyefkagleryfnthraplrsladliafnqahskqelglfgqel  
lveadatagladpayirarsdarrrlagpegidaalaahqldalvapttgvaupirsegddfpgesysaaavag  
ypsltvpmgqidglpvgllfmgtawsepkliemayayeqrtrarrpphf

>1AT1\_A

anplyqkhiisindlsrddlnlvlataaklkanppellkhkviascffeastRTrlsfqtsmhrlgasvvgf  
sdsantslgkkgetladtisvistyvdaivmRhpqegaarlatefsgnvpvlnagdgnsqHptqtllldlftiq  
qtegrldnlhvamvgdlkygrtvhsltqalakfdgnrfyfiapdalampeyildmldekgiawslhssieevm  
aevdilymtrvqkerldpseyanvkaqfvlrasdlhnakanmkvlhplprvdeiatdvdktphawyfqqagng  
ifargallalvlnrdlvl

>1J53\_A

mstaitrqivldtEttgmnnqigahyeghkiieigavevvnrrltgnnfhvylkpdrldvpEafgvhgiadefl  
ldkptfaevadefmdyirgaelvihnnaafdigfmdyefslkrdipkntnfckvtdslavarkmfpgkrnsld  
alcaryeidnskrtrlHgalldaquilaevylamtggqtsma

>1QLH\_A

stagkvikckaavlwEEKkpfSIEEEVAPPkahevrikmvatgicrSddHvvsgtlvtplpviagheaagiv  
esigegvttvrpgdkviplftpqcgkcrvckhpegnfclknldsmprgtmqdgtSrftcrGkpihhflgtstf  
sqytvvdEISvakidaasplekvcligcgfstgygsavkvaktqgstcavfglgvgvslvimgckaagaari  
igvdinkdkfakakevgatecvnpqdykkpiqevltemsnnggvdfsfevigrltdmtalSCCQeaygvsviv  
avtpdsqnlsmnplllsgrtwkgaiFGGfkskdsVpklvadfmakkfaldplithvlpfekinegfdllrsg  
esirtiltf

>1QCN\_A

sfipvaedsdfpiqnlpygvfstqsnpkprigvaigdqildslvikhlftgpalskhqhvfdeTtlNnfglgq  
aawkearaslqnllsasqarlrdckelrqraftsqasathlpatigdytdfyssrqHatnvgifrgkenallp  
nwlhlpvgyhgrassivvsgtpirrpqgrpdnsKppvygacrllDEleaaffvgpgnrfgepipiskahehifg  
vlnDwsaRdiQqweyvplgpfIlgKsfgttisPwvvpdalpfvvpnpkqdpkplpylchsqqpytfdinlsvslk  
gegsqaaticrsnfkhywtlqqlthhsvngcnlrpgdllasgtisgsdpesfgslElsWkgtkaidvgggqtr  
tflldgdeviitghcqqgdgyrvfggcagkvlpal

>1P4R\_B

qlalfsvsDKTglvefarnltalglnlvasggtakalrdaglavrdvseltgfpemlggrvKtlhpavhagil  
arnipednadmarldfnlirvvacnlypfvktvaspgvtveeaveqidIGgvtllraaaKnharvtvceped  
yvvvstemqsseskdtsletrrqlalkafthtaqydeaisdyfrkqyskgvsqmplrygmnphtpaqlytlq  
pklpitvlnGapgfinlcdalnawqlvkelkealgipaaasfKHvspagaavgiplsedeakvcmydyktl  
tpisaayarargadmssfgdfvalsdvcdvptakiisrevsdgiiapgyeeeaaltlSkknngnycvlqmdq  
sykpdenevrtlfglhlsqkrnngvvdkslfsnvvtknkdlpesalrdlivatiavkytqSNsvcyakngqvi  
gigagqsrihctrLagdkanywwlrhhpqvlsmkfkgtgvkraeisnaidqyvtgtigededlikwkalfeev  
pellteaekkeWekltevsissdaffpfrdnvdrakrsgvayiaapsgsaadkvvieacdelgiilahtnlr  
lfhH

>1B5T\_A

gqinvsfEffpprtsemeqtlwnsidrlsslkpkfsvsvtygansgerdrthsiikgikdrtgleaaphltcid  
atpdelrtiardywnngirhivalrgDlppgsgkpmeyasdlvtllkevafdisvaaypevhpeaksaqadl  
lnlkrkvDaganraitqfffdvesylrfrdrcvsagidveiipgilpvsnfkqakkfadmtnvripawmaqmf  
dgldddaetrklvganiamdmvkilsregvkdffhytlnraemsaichtlgvrpa

>1GPR\_A

miaeplqneigeevfvspitgeihp pitdvpdqvfsgkmmgdgfailpsegivvsvprgkilnvfpTkHaiglq  
sdggreiliHfGidtvslkgegftsfvsegdrvepgqkllevdldavkpnvpslmt pivftnl aegetvsika  
sgsvnreqedivkiek

>1D2T\_A

lalvatgndtttkpdlyylknseainslallppppavgsiaflndqameyqgrllrntergklaaedanlssg  
gvana fsgafgspitek dapa l hkl ltnmiedagdlatrsakdhymr irpfafygvstcntteqdklskngsy  
psgHtsigwatalvlaeinpqrqneilkrgyelgqsRvicgyHwqsDvdaarvvg savvatlh tnpafqqqlq  
kakaefaqhqkk

>1H7X\_A

mapvl skdvadiesilalnprtqshaalhstlakkldk khwkrnpdkncfhceklennfddikhttlgergal  
reamrclkcadapcqkscpthldiksfitsisnknnyygaakmifsdnplglgtcgmvcptsdlcvggcnlyate  
egsinigglqqfasevfkamnipqirnpclpsqekmpeaysakiallgagpasiscasflarlgysditifek  
qeyvgglstseipqfrlpydvvnfeielmkdlgvkiicgkslseneitlntlkeegykaafigiglp epktd  
ifqgltdqggfytskdflplvaksskagmcachsplpsirgavivlgagdtafdcatsalrcgarrvflvfrk  
gfvniravpeevelakeekceflpflsprkvivkggrivavqfvrtedtgkwnededqivhlkadvisaf  
gsvlrdpkvkealspikfnrwdlpevdpetmtsepwvfagdivgmanttvesvndgkqaswyihkyiqaqy  
gasvsakpelplfytpvdlvdisvemaglkfinpfglasaa pttsssmirrafeagwgfaltktfslkddivt  
nvsprivrgttsgpmypgpgqssflnielisektaaywcqsvtelkadfpdniviasimcsynkndwmelsrka  
easgadalelnlsAphgmgergmglacgdpelvrnicrwvrqavqipffakltpnvtdivsiaraakeggad  
gvtatntvsglmglkadgtpwpavgagrtrtyggvsgtairpialravttiaralpgfpilatggidsaesgl  
qflhsgasvlqvcsavqnqdfvtviqdyctglkallylksieelqgwdgqspgteshqkgkvpriaelmgkkl  
pnfgpyleqrk kii aeekmrlkeqnaafpplerkpfipkkipa ikdvigkalqylgtfgelsnieqvavid  
eemcincgkcymtcndsgyqaiqfdepethlptvtdtctgctlclsvcp iidcirmvsrttpepkrglplavn  
pvc

>1CQJ\_B

mnlheyqakqlfaryglpapvgyacttpreaeeaa skigagpwwkcqvvhaggrgkaggvkvvnskedirafa  
enwlgkrlvtyqtdangqpvnqilveaatdiakelYlgavvdrssrrvfmasteggveiekvaeetphlihk  
valdpltgmpypqgrelafklgllegklvqqftkifmglatiflerdlaliEinplvitkqgdlicldgklgad  
gnalfrqpdlremrdqsqedpreaqaawelnyvaldg nigmvngaglamgtmdivklhggepanfldvggg  
atkervteafkiilsddkvkavlvnifggivrcdliadgiigavaevgvnvpvvvrlegnaelgakkladsg  
lniaaakgltdaaqqvvaav

>1FUI\_A

mkkislpkigirpvidgrrmgvresleeqtmnmakataallteklrhacgaavecv isdtciagmaeaaacee  
kfssqnvgltitvtpcwcygsetidmdptrpkaiwgfngterpgavylaaalaahsqkgipafsiyghdvqda  
dtsipadveekllrfaraglavasmkgksylslggvsmgiagsivdhnffeswlgmkvqavdmtelrrridq  
kiydeaelemaalawadknfrygedennkqyqrnaeqs ravlresllmamcirdmmqgnskladigrveeslg  
naiaagfgqqrhwt dqypngdtaeaailnssfdwngvrepfvvatEndslngvamlmghqlt gtaqvfaDvrty  
wspeaiervtghkldglaehgiihlinsgsaal dgsckqrdsegnptmkphweisqqeadaclaatewcpaih  
eyfrgggyssrflteggvpftmtrvniikglgpvlqiaegwsvelpkdvhdilnkrtnstwpttwfaprltgk  
gpftdvysvmanwganhgvltighvgadfitlasmlripvcmh nveetkvyrpsawaahgm diegqdyracqn  
ygplykr

>1ESC\_A

apadpvptvffgdSytanfgiapvtnqdsergwcfqakenypavatrsladkgitldvqadvscggalihhf  
ekqelpfgagelpqqdalkqdtqltvgsllgntlgfnrilkqcsdelrkpsllpgdpvdgdepaakcgeffg  
tgdgkqwlddqfervgaelelldrigyfapdakrvlvgyprlvpedttkcltaapggqtqlpfadipqdalpv  
ldqiqkrln damkkaa adggadfvdl yagtgantacdgadrgigglledsqlellgtkipWyaHpndkgrdiq  
akqvadkieeilnr

>1LWS\_A

cfakgt nvlmadgsie cienievgnkvmgkdgrpreviklprgretmysvvqksqhrahksdssrevpellkf  
tcnathelvvrtprsvrrlsrtikgveyfevitfemgqk kapdgrivelvkevsksy pisegperanelvesy  
rkasn kayfewtieardlsl lgshvrkatyqtyapilyendhff dymqkskfhl tiegpkvlayllglwigdg  
lsdratfsvdsrdtsl mervteyaeklnlcaeykdrkepqvaktvnlyskvvrgngirnnlntenplwdaivg  
lgflkdgvKnipsflstdnigtretflaglidsgyvtdehgikatiktihtsvrdglvslarslglvsvna

epakvdmngtkhkisyaiymsggdvllnvlskcagskKfrpapaaafarecrgfyfelqelkeddygitlsd  
dsdhqfllanqvvhvhn

>1D0S\_A

mqtllhällrdipapdaeamartqqhidgllkppgslgrletlavqlagmpglngtppqvgekalvlmcadhgvw  
degvavspkivtaiqaanmtrgttgvcvlaaqagakvhvidvgidaepipgvnmrvargcgniavgpamsrl  
qaeallllevsryacdlaqrgvtlfgvgelgmanttpaaamvsvftgsdakevvgiganlppsridnkvdvrr  
aiainqpnprdgidvlskvvggfdlvgmtgvmлгаarcglpvlldgflsysaalaacqiapavrpypilipshfsa  
ekgarialahlsmepylhmamrlgEgsgaalampiveaacamfhnmgelaasnivlpegnanat

>1A05\_A

mkkiaifagdgigpeivaaarqvldavdqaahlglrcteglvggaaldasddplpaaslqlamaadavilgav  
ggprwdayppakrpeqgllrlrkglldlyanlrpaqifpqlldasplrpelvrddilvvreltgdiYfgqprg  
levidgkrrgftmvydedeirriahvaafraaagrrkqlcsvdKanvletrrlwrevvtevardypdvrlshm  
yvDnaamqlirapaqfdvlltgnmfgdilsdeasqltgsigmlpsaslgegramyepihgsapdiagqdkanp  
latilsvammlrhlslnaepwaqrveaavqrvldqglrtadiaapgtpvigtkamgaavvnalnld

>1S20\_A

mkvtfeqlkaafnrvlisrgvdsetadacaemfarttesgvysHgvnrfrprfiqqllengdiipdaqpkritsl  
gaieqwdaqrsignltakkmmdraielaadhigilvalrnanhwmrggsywgqaaekgyigicwtnsiavmpp  
wgakecrigtnplivaipstpitmvdmsmsmfsgmlevnrlagrqlpvdggfddegnltkepgvieknrril  
pmgywksgsgmsivldmiatltsdgasvaevtqdnsdeygisqifiaievdklidgptrdaklqrimdyvtsae  
radenqairlpghfttllaenrrngitvddsvwakiqallehhhhh

>1EYI\_A

tdqaafdtnivtltrfvmeeqrkargtgemtqllnslctavkaistavrkgiahlygiagstnvtgDqvkk1  
DvlsndlvlnvlkssfatcylvseEdknaiivepekrqkyvvcfdpldgssnidclvsgtifgiyrknstde  
psekdalqpgrnlvaagyalysatmlvlamvngvncfmldpaigefilvdrdvkikkkgsiysinegyakef  
dpaiteyiqrkfkfpdnsapygaryvgsmvadvhrtlvyggifmpankkspkgklrllynecnmayvmekag  
glattgkeavldivptdihqrapiiilgspedvtelleiyqkhaak

>1G8F\_A

mpaphggilqdliardalkknellseaqssdilvwnltprqlcdielilnggfspltgflnendysssvvtdsr  
ladgtlwtipitldvdeafanqikpdtrialfqddeipiailtvqdvypknpktieaervfrgdpehpaisylf  
nvagdyvyvggsleaiqlpqhydypglrktpaqlrlefqsqrqwdrvvafqtrnpmhrahreltvraareanakv  
lihpvvgltkpgdidhhtvrvyqeiiikrypngiaflsllplamrmsgdreavwhaiirknygashfivgRdh  
agpgknsksgvdfygydaqelvelsykheldievvpfrmvtylpdedryapidqidttktrtlnisgtelrrrl  
rvggeipewfsypevvkilresnpprpqgfsivlgnsltvsreqlsiallstflqfgggryykifehnnkte  
llsliqdfigsgsqliipdqweddkdsvvgkqnvylltstssadiqlesadepishivqkvvlfledngffvf

>1IM5\_A

mpeealivvDmqrdfmpggalpvppegdkiiipkvneyirkfkekgalivatrdwhpenhisfrerppwprhcv  
qntpgaefvvdldpedaviisKatepdkeaysgfegtdlakilrgngvkrvyicgvAteyCvrataldalkhgf  
evyllrdavkgikpedeeraaleemksrgikivqf

>1NW5\_A

gttrhvdyvcdcldtlaklpddsvqliicDPpynimladwddhmdyigwakrwlaeaervlsptgsiaifgg1  
qyqgeagsgdlisiishmrqnskmlanliiwnypngmsaqrrffanrheeiawfaktkkyffldavrepnde  
etkaaymkdkrlnpesvekgrnptnvwrmsrlngnslervghptqkpaavierlvralshpgstvlddfagsg  
vtarvaiqegrnsictdaapvfkeyyqkqltflrsyeivegaanfgaalqr

>1K55\_D

sitentswnkefsaeavngvfvclckssskscatndlaraskeylpastfKipnaiigletgviknehqvfkwd  
gkpramkqwerdtlrgaiqvSavpvFqqiarevgevrmqkyllkfsygnqnisggidkfWlegqlrisavnq  
vefleslylnklaskenqlivkealvteaapeylvhsktgFsgvgtesnpgvawvwgveketevyffafnm  
didnesklplrksiptkimesegiigg

>1QAZ\_A

gshpfdqavvkdpasyvdvkarrtflqsgqlddrlkaalpkeydctteatpnpqqgemviprrylsgnhgpv  
npdyepvvtlyrdfekisatlgnlyvatgkpvyatcllnmldkwakadallnydpksqswyqvwsaataafa  
lstmmaepnvtdtaqrervvkwlnrvarhqtspfpggdtscnNhsywrqgeatiigviskddelfrwglgryvq  
amglinedgsfvhemtRheqslhYqnyamlpltmiaetasrqgidlyaykengrdisarkfvfaavknpdli  
kkyasepqdtrafkpggrgdlnwiewqrarfgfadelgfmtvpifdprtggSATllaykp

>1PKN\_A

skshseagsafiqttqqlhaamadtflehmcrlldidsapitarntgiictigpasrsvetlkemiksgmnvaRm  
nfshgtheyhaetiknrvrtatesfasdpilyrpvavaldtkgpeiRtgliksgtaevelkkgatlkitldna  
ymaacdenilwldyknickvvevgskvyvddglislqvkkqkqgpdfldvteveggfllgskkgvnlpgaavdlpa  
vsekdiqdlkfgvdedvdmvfafirkaadvhevrkilgekgknikiisKienhegvrrfdeileasdgimva  
rgdlgieipaekvflaqkmiigrcnragkpvisaTqmlesmikkprprtraegsdvanavldgadcimlSgEta  
kgdypleavrmqhliaareaaamfhrklfeelarssshstlmeamamgsveasykclaaalivltesgrsah  
qvaryrprapiiavtrnhqtarqahlyrgifpvvckdpvqeawaedvdlrvnlamnvgaagffkkgdvvivl  
tgwrpgsgftntmrvvvpv

>1PJH\_A

msqeirqnekisyriegpffihlinpdnlalegedyiyilgelleladrnrdvyftiiqssgrffssgAdfk  
giakagddtnkypsetskwvsnfvarnvvtdafikhskvlicclngpaigLsaalvalcdivysindkvyl  
lypfanlglitEggttvslplkfgtnttyeclmfnkpfkydimcengfisknfnmpssnaefnakvleelre  
kvkglylpsclgmkkllksnhidafnkansvevneslkywvdgeplkrfrqlgskqrkhr

>1AK0\_A

wgalghatvayvaqhyvspeaaswaqgilgsssssyasiaswadeyRltsagkwsaslhfidaednpptncn  
vdyerdcgssgcsisaianytqrvsdsslsenhaealrflvhfigdmtqplhdeayavggkninvtfldgyhd  
nlhsdwdtymppqklighalsdaeswaktlvqniesgnytaqaigwikgdnisepittatrwasadanalvctv  
vmphgaaalqtgdlyptyydsvidtielqiakggyrlanwineihgseiak

>109I\_A

mfkhtrklqynakpdrsdpimarrrlqeslggqwgettgmmsflsqgwastgaekykdllldtgteemahvemi  
stmigyalledapfgpedlkrdpslattmagmdpehslvhglnaslnnpngaawnagyvtssgnlvadmrfnvv  
researlvqsrlysmtedegvrmlkflarEtqhqlqfmkaqeeleekygiivpgdmkeiehsefshvlmnf  
sdgdgskafegqvakdgekftyqenpeamggiphikpgdprlhnhg

>1G6S\_A

mesltlqpiarvdgtinlpgsKsvsnralllaalahgktvltlnllsddvrhmlnaltalgvsytlsadrtcr  
eiignggplhaegalelflgnagtamrplaaalclgsndivltgeprmkerpighlvdalrlggakityleqe  
nypprlrlqggftggndvdvsgsvssqfltalmltaplapedtvirikgdlvskpyiditlnlmtkfgveienqh  
yqqfvvkggqsyqspgtylvegassasyflaaaaikggtvkvvtgigrnsmqgdirfadvlekmgaticwgdd  
yisctrgeinaidmdmnhpDaamtiataalfakgtttrlniynwrvkEtdrlfamatelrkvgaeveeghdy  
iritppeklnfaeiatyndHrmamcfslvalsdtpvtildpkctaKtfdpyfeqlarisqaa

>3MO2\_C

verivsrdiargyeripipcvnavdsepcpsnykyvsnqcvtspmnidrnithlqycvciddcsssnmcgql  
smrcwydkdgrllpefnmaepllifecnhaescwrncrnrvvqnglrlarlqlyrtrdmwgvrslqdippgtf  
vceYvgelisdseadvreedsylfdldgevyucidarfygnavsrfinhcepnlvprvfmahqdlrfpriaaff  
strlieageqlgfdYgerfwdikgklfscrcgspkcrhs

>3L5Q\_1

mdiilgirvqdsvilasskavtrgisvlkdsddKtrqlsphtlmsfaGeagdtvqfaeyiqaniqlysiredy  
elspqavssfvrgelaksirsrrpyqvnvliggydkknkpelyqidylgtkvelpygahgYsgfytfslldh  
hyrpdmtteegldllklcvqelekrmpmdfkgvkvivdkdgirqvddfqaq

>3AR6\_A

meaahsksteeclayfgvsettgltpdqvkrhlekyghnelpaeegkslwelvieqfedllvrilllaacisf  
vlawfeegeetitaafvepfvillilianaivgvwqernaenaiealkeyepemgkvyradrksvqrikardiv  
pgdiveavgdvpadirilsiksttlrvdqsiltgesvsvikhtepvpdpravngdkknmlfsgtniaagka  
lgivattgvsteigkirdqmaateqdktplqqkldefgeqlskvislicvavwlinighfndpvhgswirga  
iyyfkiavalavaaapeglpavittclalgttrmaknaivrslpsvetlgctsvicsDktgtlttnqmsvck  
mfiidkvdgdfcslnefsitgstyapegevlkndkpirsgqfdglvelaticalcndssldfnetkgvyekvg  
eatetalttlvekmnvnfntevrnlskveranacnsvirqlmkkeftlefsrdrksmsvycspakssraavgnk  
mfvkgapegvidrcnyvrvgtrtpmtgvpvkekilsvikewgtgrdtlrlclalatrdtppkreemvlddssrf  
meyetdltfvgvvgmlpprkevmgsiqlcrdagirvimitgdnkgtaiiaicrrigifgeneevadraytgre  
fddlplaeqreacrraccfarvepshkskiveylqsydeitamtdgdgvndapalkkaeigiamsgtavakta  
semladdnfstivaaveegraiynnmkqfiryliissnvgevcifltaalgplpealipvqllwvnlvtdglp  
atalgfnppddimdrpprspkeplisgwlfrymaiggyvgaatvgaaawwfmyaedgpgvtyhqlthfmqc

tedhphfegldceifeapepmtmalsvltiemcnalnslsengslmrmpwvniwllgsiclsmshflily  
vdpplpmifklkaldltqwlmlkislvpigldeilkfiarnyleg

>1QMH\_A

mvkrmialdgaqgegqilrsalslsmittgqpfittsiragrakpgllrqhltavkaateicgatvegaelg  
sqrllfrpgtivrvgdyrfafigsagstlvtlqtlvpalfadgprvevsggtdnpsappadfirrvlepllak  
igihqqtlllrhgfypagggvvatevsvpasfntllqlgergnivqmrgevllagvprhvaeieiatlagsfsl  
heqnihlprdqgpgntvsleveseniterffvvgekrvsaevvaaqlvkevkrystaavgeyladqlvlp  
malagageftvahpscHlltniavverflpvrfslietdgvtrvsiegshhhhhh

>13PK\_A

ekksinecdlkgkkvlirvdfnvpvkngkitndyRirsalptlkkvlteggscvlmshlgrpkgipmaqagki  
rstggvpgfqqkatlkpvakrlselllrpvtfapdclnaadvskmspgdvllenvrfykeegskkakdrea  
makilasygdvyisdafgtahrsatmtgipkilngaagylmekeisyfakvlgnpprplvaivggaKvsdk  
iqllldnmlgridylliggamaytflkaqgysigskceesklefarsllkkaedrkvqvilpidhvchtetka  
vdsplitedqnipegmaldigpktiekvvtigkcksaiwngmpgvfemvpysgtfaiakamgrgthehgl  
msiiggGdsasaaelsgeakrmshvstggGaslletlegktlpgvtvlddk

>1DTW\_B

vahftfqpdppepreyqgtqkmnlfqsvtsaldnslakdptavifgedvafggvfrctvglrdkygkdrvfntp  
lcEggivvgfgigiavtgataiaeiqfadyifpafdqivneaakyrysgdlfncgsltirspwgcvgghalyh  
sqspeaffahcpgikvviprspfqakglllsciedknpcliffepkilyraaaeevpiepyinplsqaeviqeg  
sdvtlvawgtqvhvirevasmakeklgvscevidlrtpwdvdticksviktgrllisheapltggfaseis  
stvqeeeflnleapisrvvcgydtpfphifepfyipdkwkcydalrkmny

>1QF6\_A

mpvitlpdgsqrhydhavspmdvaldigpglakaciagrvgelvdacdliendaqlsiitakdeegleiiirh  
scahlhghaikqlwphtkmaigpvidngfydvldrtltqedvealekrmhelaeknydvikkkvswheare  
tfanrgesykvsildeniahddkpglyfheeyvdmcrghvnpnrmfchhflmktagaywrgdsnnkmlqriy  
gtawadkkanaylqrleaaakrdhrkigkqldlyhmqeeapgmfvhndgwtifrelevfrsklkeyqqye  
vkgpffmmdrvlwektghwdnykdamfttssenreycikpmncpghvqifnqglksyrdlplrmaefgschRne  
psgslhglmrvgftqddahifcteeqirdevngcirlyvdmystfgfekivvklstrpekrigsdemwdrae  
adlavaleennipfeyqlgegafygpkieftlydcldrawqcgvtvqldfslpsrslsasyvgednerkvpmih  
railgsmerfigilteefagffptwlapqvvimnitsdqseyvneltqklsnagirvkadlrnekigfkire  
htlrrvpymlvcgdkevesgkvavrrrgkdglgsmdvnevieklqqeirsrsllkqlee

>2QON\_B

kkldtqlvnagrskkytlgavnsviqrasslvfdsveakkhatrnrangelfygRrgtlthfslqqamcele  
gagcvlfpcgaaavansilafieqgdhvlmntntaYepsqdfcskilsklgvttswfdpligadivkhlqpntk  
ivflespgsitmevhdpaiavaavrsvpdaaiimiDntwaagvlfkaldfgidvsigaatKylvghsdamigt  
avcnarcweqlrenaylmgqmvdadtayitsrglrtlglvrlrqhhesslkvaewlaehpqvarvnhpalpgsk  
ghfwwkrdfgtgssglfsfvllkklnneelanyldnslfsmayswggyeslilanqpehiaairpqgeidfs  
tlirlhigledvddliadldagfariv

>1AUI\_A

msepkaidpklsttdrvvkavpfppshrltakevfdndgkprvdilkahlmkegrleesvalriitegasilr  
qeknlldidapvtvcgdihgqffdlmklfevggspantrylflgdyvDrgyfsiecvlylwalkilypctlfl  
lrgnHecrhltteyftfkqeckikyserveydaacmdafdcplaaalmnqqflcvhgglspeintlddirklrfrk  
epaygpmcdilwsdpdledfgnektqehfthntvrgcsyfyssypavceflqhnnllsilraheaqdagyrmyr  
ksqttgfpplitifsapnyldvynnkaavlkynnmvnmirqfncsphpywlpnfmdvftwslpvgkvteml  
vvnlicsddelgseedgfdgataaakevirnkiraigkmarvfsvlreesesvltlkgltptgmlpsgvls  
ggkqtlqsatveaieadeaikgfspqhkitsfeeakgldrinermpprrdampsdanlnsinkaltsetngtd  
sngsnssniq

>1S2K\_A

tvesnwggaailigsdfdtvsatanvpsasggssaagtawvgidgdtcqtailQtgfdwygdgtydawyewype  
vsddfsgitiseqdsiqmstsdtsatlenlttgqkvsksfnessgslcrtnaefiiiEdfeecnsngs  
dcefvpfasfspaveftdcsvtsdgesvslddaqtqvinnqdvtdcsvsgettvsy

>1H7O\_A

mhtaefletepteissvlaggynhpllrqwqserqltknmliplfisdnpddfteidslpninrigvnrldk  
ylkplvakglrsvilfgvplipgtkdpvgtaaddpagpviqgikfireyfpelyiicDvclceytshghcgvl

yddgtinrersvsrlaavavnyakagahcvapSdmidgrirdikrglinanlahktfvlsyaaKfsgnlygpf  
rdaacsapsngdrkcyqlppagrglarralerdmsegadgiivKpstfyldimrdaseickdlpicayhvsge  
yاملhaaaekgvvdlktiafeshqgflragarliitylapefldwldee

>1RDD\_A

mlkqvēiftgdsgclgnpgpggygailryrgrektfsagytrttnnrmelmaaivalealkehcevilstdsqy  
vrqgitqwihnwkkrgwktadkpkvknvdlwqrlaalqghqikwewvkgHaghpenercdelaraaamnptl  
edtgyqvev

>1XRS\_B

mssglysmekkefdkvldlervkpygdtmndgkvqlsftlplknnersaeaakqialkmgleepsvvmqqslde  
eefthffvvygnfvqsvnyneihveavnseilsmeetdeyikenigrkivvvgastgtdahtvgidaimnmKgy  
aghygleryemidaynlgsqvanedfikkaveleadvllvsqvtvtqknvhiqnmthlielleaeglrdrfvll  
cggprinneiakelgydagfgpgrfaddvatfavktlndrmns

>1AQ0\_A

igvcygmssannlpaastvvsmfksngiksmrlyapnqaalqavgggtginvvvgapndvlsnlaaspaasw  
ksniqaypkvsfryvcvgnevaggatrnlvpamknvhgalvaaglgghikvttsvsqailgvfsspagsftge  
aaafmgpvvqflartnaplmaniypylawaynpsamdmgyalfnasgtvvrdaygyqnlfdttvdafytamg  
khggssvklvvsEsgwpsgggtaatanarfynqhlinhvgrgtprhpgaietyifamfnEnqKdsgvEqnwg  
lfypnmqhvypinf

>1BHE\_A

sdsrtvsepktpssttlkadsstatstiqkalnncdqgkavrlsagstsvflsgplslpsgvsllidkgvtl  
ravnnaksfenapsscgvdnkngkgcdafitavsttngsiygpgtidgggkvklqdkkvswwelaadakvkk  
kqntprliqinksknftlynvslinspnfhvvfsdgdgftawkttiktpstarntDgidpmssknitiaysni  
atgDDnvaikaykgraetrnisilhndfgtgHgmsigsetmgvynvtvddlkmngttnglriksdksaagvvn  
gvrysnvnmknvakpividtvyekkegsnvpdwsditfkdvtssetkgvvvlnngenakkipievtmknvkltsds  
twqiknvnvkk

>1BOO\_A

mlnfgkkpayttsngsmyigdslellesfpeesislvmntSPpfalqrkkeygnleqheyvdwflsfakvvnnk  
lkpdgsfvvDfggaymkgvparsiyfnrflirmidevgfflaedfywfnpsklpspiewvnkrkirvkdvant  
vwwfsktewpksditkvlapysdrmkkliepdkfytpktrpsghdigksfskdnggsippnllqisnsesng  
qylancklmgikahparfpaklpeffirmltepddlvvdfggsnttglvaeresrkwisfemkpeyvaasaf  
rflnndniseekitdiynrilngesldlnsii

>1TOX\_A

gaddvvdssksfvmenfssyhgtpgyvdsiqkgiqkpdddwkgyfystdnkydaagysvndenplsgkaggvv  
kvtypgltkvlalkvdnaetikkelglslteplmeqvgteefikrfgdgarvvlsplfaegsssvEyinnwe  
qakalsveleinfetrgkrqgdamyeymaqacascindwdvirdtktkieslkehgpi knkmsespnktvs  
eekakqyleefhqtalehpel selktvtgtnpvfaganyaawavnvaqvidsetadnlekttaalsilpgigs  
vmgiadgavhhnteeivaqsialsslmvaqaipvlvgelvdigfaaynfvesiinlfqvvhnsynrpayspghk  
tqpflhdgyavswntvedsiirtgfqgesghdikitaentplpiagvllptipgkldvnkskthisvngkir  
mrcraidgdvtfcrpkspvyvgngvhanlhvafhrsssekihsneissdsigvlggyqktvdhtkvnskslslff  
eiks

>1QS0\_A

neyaplrllhvpeptgrpgcqtdfsylrlndagqarkppvdvdaadtadlsyslvrvldeqgdaqgpwaedidp  
qilrqgmramlktrifdsrmvvaqrqkksfymqslgeeaigsggalalnrtmcfptyrqqsilmardvslv  
emicqllsnerdplkgrqlpimysvreagfftisgnlatqfvqavgwamasai kgdtkiasawigdgataesd  
fhtaltfahvyrapvilnvvnqwaistfqaiaggesttfagrgvgcgiaslrvdgndfvavyaasrwaaera  
rrglgpsliewvtyragpHstsdpskyrpaddwshfplgdpiarlkqhlikighwseeehqattaefeaavi  
aaqkeaeqygtlanghipsaasmfedvykempdhrrqrqel

>1LWH\_B

migyqi yvrsfrdgnldgvgdfrglknasvylkelgidfvwlmvpvfssisfhgydvvdvfyfkaeygserefk  
emieafhdsgikvvldlpiHhtgflhtwfqkalkgdphyrdyvvwanketdlderrewdgekiwhpledgrfy  
rglfgpfspdlndydpqvfdemkrlvlhlldmgvdgfrfDaakhmrtdieqnvrwfkyflsdlkGiflaEIWa  
earmvdehgrifgymlnfdtshci keavwkentriliesieraviakdylpvnfTsnHDmsrlasfeggfske  
kiklsisilftlpgvplvfgygdelgmkgvyqkpntevvl dpfpwnesmcvegqtfwkwpayngpfsgisveyq

krdpdsilshltlgwtrfrkenqwidrakleflckedkflvyryliddqhs1kvfhnlsgseevvfegvkmkpykt  
evv

>1T0U\_A

msksdvfHlgltkndlqgatlaiavgdpdrvekiaalmdkpvklashrefttwraeldgkpvivcstgiggps  
tsiaveElaqlgirtflrigttgaigphinvgdvltvtasvrlldgaslhafplefpavadfecttalveaaks  
igatthvgvtassdtyfpgqerydtygrvvrhfkgsmeewqamgvmnyemesatlltmcasqglragmvagv  
ivnRtqqeipnaetmkqteshavkivveaarll

>1C9U\_A

dvpltpsqaakaksenfdkkvilsnlknphallwgpndqiwlteratgkilrvnpsesgsvktvfqvppeivnda  
dgqngllgfafhpdfknnpyiyisgtfknkstkdelnpqtiirrytynkstdtlekpvdlaglpsskdHqs  
grlvigpdqkiyytigDqgrnqlaylflpnqaqhtptqqelngkdyhtymgkvlrlnldgsipkdnpsfngvv  
shiytlghrnpqglafptpngkllqseggpsnddeinlivkgnnygwpnvagykdsgyayanyysaaanksikd  
laqngvkvaagvpvtkesewtgknfvplktlytvqdtynyndptcgemtyicwptvapssayvykggkkaik  
gwentllvpslkrgvifrikldptysttyddavpmfksnnryrdviaspdggnvlyvlttdagnvqkddgsvt  
tlenpgslikftykak

>2HI7\_B

mlrflnqasqgrgawllmaftalaleltalwfqhvmllkpCv1CiyeRvalfgvlgaa1igaiapktplryva  
mviwlysafrgvqltyehtmlqlypspfatCdfmvrfpewlpdkwvpqvfvvasgds aerqwdflglempqwl  
lgifiaylivavlvisqpfkakkrdlfgr

>1CQQ\_A

gpееefgmslikhns cvittengkftglgydrfvvvpHtadpgkeiqvdgittkvidsydlynkngiklEit  
vlkldrnekfrdirryipnneddypncnlallanqpeptiinvgdvvsygnillsgnqtarm1kysyptsGy  
Cggvlykigqvlgihvvgngrdgfsamllrsyft

>1E19\_A

mgkrvialggna1qqrgqkgsyeemdnvrktarqiaeiargyevvithgngppqvgsl1lhmdagqatygi  
paqpmdvagamsqgwigymiqqalknelrkrgekvvvtiitqtivdkndpafqnptKpvgpfydeetakrla  
rekgwivkedsgrgwrrvvpdpdkghveaetikklvergviviasggggvpviledgeikgveavidKdlag  
eklaeevnadifmiltvdngaalygtekewlrevkveelrkyyeeghf1kagsmgpKvlaairfiewggera  
iaahlekavealegktgtqvlp

>1ORD\_A

ssslkiaastqearqyfdtdrvvvdavgsdftdv1gaviamdyetdvidaadat1kf1gipvfavtkdaqaisadel  
kkifhiidlenkfdatvnareietavnnyedsilppffks1keyvsrgliqf1dcpghqggqyyrkhpagrefy  
dffgetvfrad1cnadvalgdllihegpavaaekhaarvynadktyfvlggssnanntvtsalvsngdlvlfd  
rnnHksvynsalamaggrpvylqtnrnpypgfiggiydsdfdekkirelaakvdperakwkrpfrlaviqlgty  
dgtiynahevvrighl1cdyiefDsawvgyeqfipmmrnsspl1liddlgpedpgiivvqsvhKqqagfsqtsq  
ihkkdshikgqlrycdhkhfnnsfn1fmstspfympyaaldvnaamqegeagrklwhdllittiearkklika  
gsmfrpfvppvvn1gk1wedgdtedmannidywrfekgakhayegygdngqyyvdnpkfmlt1pginpetgdye  
dfgvpativanylr1dhgiipeksdlnsilflmt1paetpakmnnlitqllqlqr1ieedapl1kqvlpsiyaane  
eryngytirelcqel1hdfyknnntftyqkrlflreffpeqgm1pyearqefirn1hnlvplnkiegeialega  
lpyp1pgvfcv1apgek1setavkyftilqdginnfpgfapeiqgvyfkqegdkvvaygevydaevaknddrynn

>2F61\_A

arpcipksfgyssvvcv1natycdsfdp1ptf1palgtfsryestrsgrrmelsmgpiqanhtgtgll1tlqpeq  
kf1kvk1gfggamtdaaalnilal1spaqlnllksyfseegigyniirvpmascdfsirt1tyadt1pdd1qlhn  
fsl1peedtklkiplih1ralqlaqrpsllaspwtsptw1lktngavngk1slkgppgdiyhqtwar1yfvkfl1da  
yaehklqfwavtaenEpsagllsgypf1qclgftpehqrdfiardlgptlansth1hnvrllmlddqrlllphwa  
kvv1tdpeaak1yvghiavhwyldflapakatlgethrlf1pntmlfasEaCvg1skfweqsvrlgswdr1gmqysh  
siitnll1yhvvgwtdwnlalnpeggpnwvrnfvdspiivditkdtfykqpmf1yhlghfskfi1pegsqrvg1lva  
sqkndldaval1mhp1dgsavvv1lnr1sskdvpl1tikdpav1g1fletisp1gysih1tylwhrq

>1A4S\_A

aqlvdsmpsastgsvvvtd1lnywggrrikskdgattepvfepatgrv1lcqmvpcgae1evdqavqs1aqaaylk  
wskmagiersrvml1eaa1iirerrrdniaklevinngktiteaeydidaawqcieyyag1aptlsgqhiqlpgg  
afaytrreplgv1cagilawNypf1miaaw1capalacgnavvf1kpspmt1pvtgvilaeifheagvpv1glvnvvq  
ggaetgsl1lchhpnvakvsftgsvptgk1kvmemsaktvkhv1tElggkspl1l1fkdcelenavrgalmanfl1t  
qqqvCtn1gtrvfvqreimpqflee1vkr1kaivvgdp1lltetrmggliskpql1dkvlgfvaqakkegarv1lcg



gepltpsdpklnkngyfmspcvldncrddmtcvkeeifgpmvsvlpfdteeevlqrannttfglasgvftrdis  
rahrvaanleagtcyintysisispvevpfggykmsgfggrengqatvdyysqlktvivemgdvds1f

>1YQS\_A

lpapddtqglqavlhtalsqgagpamvrddngtihqlsegvadtratgraittttdrfrvrgSvtKsfsavvllql  
vdegkldldasvntylpgllpddritvrqvmshrsglydytndmfaqtvpqgfesvrnkvfsvyqdlitlslkhg  
vtnapgaaysYsNtnfvvagmlielktghsvateyqnriftplnltdtfyvhpdtvipgthangyltpdeagg  
alvdsteqtvswaqsagavisstqldtffsalmsgqlmsaaqlaqmqgwttnstqgyglglrrrdlscgis  
vygHtgvtvggYytyafaskdgkrsvtalantsnnvnvlnmtartlesafcgkp

>1KEW\_B

mkilitggagfigsavvrhiikntqdtvvnidkltyagnleslsdisesnrynfehadicdsaeitrifeqyq  
pdavmhlaaeshvdrsitgpaafietnivgtyallevarkywsalgedkknnfrfhhisTDEvygdldphdev  
ensvtlplftettayapsSpYSasKassdhlvrwrtyglptivtncsnnygpyhfpeKlipvlilnalegk  
plpiyggkdqirdwlyvedharalhmvttekgagetynigghneknldvvticdldldeivpkatsyreqit  
yvadrpghdrryaidagkisrelgwkpletfesgirkvtewylantqwnnvksgayqswieqnyegrq

>2CCD\_A

mkyvpvegggnqdwppnrlnlkvlnpavadpmgaaafdyaaevatidvdaltrdieevmttsqpwwpadyghy  
gplfiRmawHaagtyrihdgrggagggmqrfaplinswpDnasldkarrllwpvkkkygkklswadlivfagnc  
alesmgfktfgfgfgrvdqwepdevywgkeatwlgderysgkrdenplaavqmgliyvnppegpnpdpmaa  
avdiretfrmmamndvetaalivgghtfgkthgagpadlvgepeaapleqmglgwkssygtgtgkdaittgi  
evvWtntptkwdnsfleilygyeweltkspagawqytakdgagagtipdpfggpgrsptmlatdlsrldpiy  
eritrrwlehepeladefakawyklihrdmgpvarylgplvpkqtlwqdpvpavshdlvgeaeiaslksqir  
asgltsvsqlvstawaaassfrgsdkrgganggrirlqpqvgwevndpdgdldrkvirtleeiqesfnsaapgni  
kvsfadlvlggcaaiekaakaaghnitvpftpggrtdasqeetdvesfavlepkadgfrnylgkgnplpaeym  
lldkanllttsapemtvlgglrvlganykrlplgvfteasesltndffvnlldmgitwepspaddgtyqgkd  
gsgkvkwtgsrvdlvfgsnselralvevygaddaqpkfvqdfvaawdkvmnlrdfrdvr

>1DAA\_A

gytlwndqivkdeevkidkedrgyqfgdgvyevvkvyngemftvnehidrlyasaekiritipytkdkfhqll  
helveknelntghiyfqvtrgtsprahqfpentvkpviigytkenprplenlekgvkatfvedirwlrcdiKs  
lnllgavlakqeahekgcyeaillhrntvtEgsssnvfgikdgilythpannmiLkgitrdrvviacaneinmp  
vkeipftthealkmdelfvtsttseitpvieidgklirdgkvgewtrklqkqfetkipkplhi

>4H2B\_A

pweltilhtndvhsrleqtsedsskcvdasrcmggvarlftkvqqirraepnvlldagdqyqgtiwtvykg  
aevahfmnalrydamalgNHefDngvegliepllleakfpilsanisassgplasqisglylpykvlpvqdevv  
givygtsketpflsnpgtnlvfedeitalqpevdklktlnvnkiialghsgfemdkliaqkvrvgdvvvvgghs  
ntflytgnppskevpagkypfivtsddgrkvppvqayafgkylgylkiefdergnvisshgnpilldssiped  
psikadinkwriklddystqelgtivylgdsSqscRfrecnmgnlicdaminnnlrhademfwnhvsmlcn  
gggiRspiderndgtitwenlaavlpfggtfdlvqlkgstlkkafehsvhryggstgeflqvvgihvvydlr  
kpgdrvvklvltscrpsydplkmdevykvilpnflanggdgfmikdellrhdsqdqdinvtstyiskmk  
viypavegrikfs

>1H19\_A

mpeivdtcslaspasvcrtkhlhlrcsvdftrrtltgtaaltvqsqednlrslvldtkdltiekvvingqevk  
yalgerqsykgspmeislpialsknqeivieisfetspkssalqwtpeqtsgkehpylfsqcqaihcrailp  
cqdtpsvkltytaevsvpkelvalmsairdgetdpdpdpsrkiykfiqkvpipecylialvvgalesrqigprt  
lvwsekeqveksayefsetesmlkiaedlgpyvwggydllvlpssfpyggmQnpcltfvtptllagdkslsn  
viahEishswtgnlvtnktwdhfwlneghtvylerhicgrlfgekfrhfalggwgelqnsvktfgethpftk  
lvvldtldidpdvayssvpYekgfallfyleqllgpeiflgflkayvekfsyksittddwkdflysyfkdkvd  
vlnqvdownawlyspglppikpnydmtnacialsqrwitakeddlnsfnatdkdlsshqlneflaqlqra  
plplghikrmqevynfnainnseirfrwlrclciqskwedaipalalkmateqgrmkftrplfkdaafdkshdq  
avrtqehkasmhpvtamlvgkdlkv

>1TML\_A

ndspfyvnpnmssaewvrnnpndprtpviridriasvpqgtwfahhnpqgitgqvadalmsaaqaagkipilvvy  
napgrdcgnhssggapshsayrswidefaaglknrpayiivepDlislmscmqhvvqqevletmayagkalka  
gssqariyfdaghsawhspaqlmaswlqqadisnsahgiatntsnyrwtadevayakavlisaigpnslravidt  
srngngpagnewcdpsgraitgstntgdpmidafwiklpgeaDgciagagqfvpqaaayemaiaa

>1QAM\_A

mneknikhsqnfitskhnidkimtnirlnehdnifeiGsgkghftlelvqrcnfvtaiEidhklcktttenklv  
dhdnfqvlnkdilqfkfpknqsykifgNipynistdiirkivfdsiadeiyliveygfakrllntkrslalfl  
maevdisilsmvpreyfhpkpkvnsslirlnrkksrishkdkqkynyfvmkwvnkeykkiftknqfnslkha  
giddlnnisfeqflslfnsyklfnk

>1JJI\_A

mldmpidpvyqqlaeyfdsldpkfdqfssareyreainriyeernrqlsqghervervedrtikgrngdirvrvy  
qqkpdspvlvyhgggfvicsieshdalcrriarlsnstvsvdyrlapehkfpaavydcydatkwvaenae  
lridpskifvggdSaggnlaaavsimardsgedfikhqiliypvnfvaptpsllefgeglwildqkimswfs  
eqyfsreedkfnplavifadlenlppaliitaeyDplrdegevfqgmlrragveasivryrgvlHgfinyyp  
vlkaardainqiaallvfd

>1OAS\_A

skiyednsltightplvrlnrigngrilakvesrnpsfsvKcriganmiwdaekrgvlpkgvelveptngntg  
ialayvaaargykltltmpetmsierrkllkalganlvlttegakgmkgaiqkaeeivasdpqkylllqqfsnp  
anpeihekttgpeiwedtdgqvdfvisgvtggtltgvtryikgtkgktdlitvaveptdspviaqalageei  
kpgphkiqgigagfipgnldklidkvvgitneeaistarrlmeegilagiSsgaavaaalklqedesftnk  
nivvilpssgerylstalfadlfetekelqq

>1W2N\_A

mgsshhhhhhssglvprgshmdttvptfslaelqqglhqdefrrclrdkglfyldtcgltdtelksakdlvid  
ffehgseaekravtspvptmRrgftglesestaqitntgsysdysmcysmgtadnlfpsgdferiwtqyfdrg  
ytasravarevlratgtepdggveafldcepllrRfrYfpqvpehrsaeeqplrMaphydlsmvtliqqtpcan  
gfvslqaevggaftdlpyrpdavlvfcgaiatltvtggqvkaprhhvaapprrdqiagssrtssvfflrpnadft  
fsvplarecgfdvslldgetatfqdwiggnyvnirrtska

>1HKA\_A

tvayiaigsnlaspleqvnaalkalgdipeshiltvssfyrtpplgpqdqpdylnaavaletslapeellnht  
qrielqqgRvrkaerwgpRtldldimlfgnevinterltvphydmknrgfmlwplfeiapelvfpdgemlrqi  
lhtrafdklmkw

>1LYA\_A

gppevlknymdaqyygeigigtppqcftvvfDtqssnlwvpsihckllldiacwihhkynsdsksstyvkngts  
fdihygsqslsgylsqdtvsvpcq

>1JH6\_A

meevkkdvysvwalpdeeseprfkklmealrseftgprfvpHvtvavsayltadeakkmfesacdglkaytat  
vdrvtgtffffqcvflllqqtpevmeagehcknhfncsttptyMpHlSllyaelteeeeknaqekaytldssl  
dglsfrlnlralcktdtedktletwetvavcnlnpgshhhhhh

>1E5T\_A

mllsfqypdvyrdetaiqdyhghkvcdpyawledpdseqtkafveaqnkitvpflegcpirglykermteydy  
pkyschfkkkgkryfyfyntglqnqrvlyvqdslegearvldpnilsddgtvalrgyafsedgeyfayglslas  
gsdwtvikfkmvdgakelpdvlervkfscmawthdgkgmfynayppqdgksdgtetstnlhqklyyhvlgt dq  
sedilcaefpdepkwmgaelsddgryvllsiregtdpvnrlwydcldqgesngitgilkwvklidnfegeydy  
vtnegtvftfktnrhspnyrlinidftdpeeskwkvlvpehekdvlewvacvrsnflvlcyldhvkntllqlhd  
latgallkifplevgsvvgysgqkdkteifycftsflspgiyhcdltkeeleprvfrevtvkgidasdyqtv  
qifypskdgtkipmfivhkkgikldgshpaflygyggfnisitpnysvsrlifvrhmggvlavanirgggeyg  
etwhkggilankqncfddfqcaaeylikegytspkrlltinggSnggllvatcanqrpdldfgcviaqvgvmdml  
kfhyktighawttdygcsdskqhfewlikysplhnvklpeaddiqypsmllltadhDdrvvpplhslkfiatlq  
yivgrsrkqnnpllihvdtkagHgagmptakvieevsdmfafiarclnidwip

>1KQF\_C

mkskkmivrtkfidrachwtvvicfflvalsgisffffptlqwlqtgtfgtpqmgrilhpffgiaifvalmfmfv  
rfvhhnipdkkdipwllnivevlkgnehkvadvvgkynagqkmmfwsimsimifvllvtgviiwrpyfaqyfpmq  
vvryslilihaaagiiliahailiHmymafvwkgsikgmiegvksrrwakkhhprwyreiekaekeseegi

>3MOC\_B

sipwnleritppryrggslvevyllDtsiqsdhreiegrvmvtdfenvpeedaskcdsHgthlagvvsgrdag  
vakgasmrslrvlncqgkgtvsgtliglefirskqlvqpvgplvllplaggysrvlnaacqrlaragvvlvt  
aagNfrddaclyspasapevitvgatnaqdqpvtlgtlgtngfgrcvldlfapgediigassycstcfvsqsgtS  
qaaahvagiaammlsaepeltlaelrqrlifhsakdvineawfpedqrvltplnlvaalpsthgwqlfcrtvw

sahsgpترماتايارcapdeellscssfsrsgkrrgermeaqqgklvcrahnafgggegvyaiarccllpqanc  
svhtappaasmgtrvhchqqghvltgcsshwevedlqpnqcvghreasihascchappleckvkehgiqqeq  
vtvaceegwtltgcsalpsvhlgayavdntcvvrsravtavaiccrsr

>2PLC\_A

vttkqwmسالpdttnlaalsipgtHDtmsyngditwtltkplaqtqtsmslyqqleagiryidiRakdnlniyH  
gpiflnaslsqgvetitqflkknkpetiimrlkdeqnsndsfdyriqpliniykdyfytprtdtsnkiptlk  
dvrgkillllsenhtkkplvinsrkfgmqfgapnqviqddyngpsvktkfkeivqtayqaskadnklflnhisa  
tsltftprqyaaalnknkveqfvlnltsekvrglgilimDfpekqtikniiknnkf

>1GT7\_P

mqnitqswfvqgmikattdawlkgwdernggnltlrlddadiapyhdfhqqpryiplsqmppllantpfivt  
gsgkffrnvqldpaanlgivkvdsdgagyhilwgltnaevptsElpahflshcerikatngkdrvimhchatn  
lialtyvlendtavftrqlwegstEclvvfpdgvgilpwmvpgtdeigqataqemqkhsllwlpfhgvgfsgp  
tldetfglidtaeksaqvlkvysmggmktisreelialgkrfgvtplasalal

>1DAE\_A

skryfvtgtdTevgKtvascallqaakaagyrtagyKpvaSgsektpeglrnsdalalqnrsslqldyatvnp  
ytfaeptsphiisaqegrpieslvmaglrleqqadwvlvegaggwftplsdtftfadwvtqeqlpvilvvg  
vklgcinhamltaqviqhagltlagwvandvtppgkrhaeymttlrmipapllgeipwlaenpenaatgkyi  
nlall

>1LJL\_A

mdkktiifyiCtGNSCRSqmaegwgkeilgegwnvysagiethgvnpkaieamkevdidisnhtsdlidndilk  
qsdlvvtlCsdadnnCpilppnvkkehwgfdDpagkewsefqrvrdeiklaiekfklr

>1NML\_A

dnlmeransmfepipkyppvidgneltqakvelgkmeffeprlssshliscntchnvglggddelptsighgw  
qkgprnsptvfnafnaaqfWdgraadlaeqakgpvqagvEmsstpdrvatlksmpeyierfedafpgqenp  
vtfdnmavaieayeatlitpeapfdkylrgdtsalnesekeglalfmdrgctachsgvnlggqnyypfglvak  
pgaeilpegdkgrfsvtetasdeyvfrasplrnieltapyfhsgavwsleeavavmgtaqlgtelnndevksi  
vafkltltgnvpevtypvlpstantpkpvdmi

>1AUG\_A

mekkvlltgfdpfggetvnpsweavkrlngaaegpasivseqvptvfykylavlreaikkhqpdiicvgqag  
grmqitpErvainlnearipdnegnpvgedisqggpaaywtglpikriveeikkegipaavsytagtfvCnh  
lfyglmdeisrhhphirggfiHipyipeqtlqksapslsldhitkalkiaavtaavheddietgggelh

>1AFW\_A

knsllérpedvvivaanrsaigkgfkgafkdvntdyllnflnefigrfpeplradlnlieevacgnvlnvg  
agatehraaclasgipystpfvalnrqCssgltavandianikivgqidiglalgvsmtnnyknvnplgmiss  
eelqknreakkclipmitnenvaanfkisrkdqdefaansyqkaykakneglfedeilpiklpdgsicqsde  
gprpnvtaeslssirpafikdrgtttagnasqvdsdvagvllarrsvanqlnlpvlgryidftvgvppeimg  
vgpayaipkvleatglqvqdidifeineaafaaqalycihklgidlnknvnprggaialgHplgctgarqvatil  
relkkdqigvsmCiGtgmgaaaifike

>1TDJ\_A

madsqplsgapegaeylraavlrapvyeeaaqvtpqlqkmeklssrldnvilvkredrqpvhsfKlrgayammagl  
teeqkahgvtasagnhaqgvafssarlvgkalivmptatadikvdavrgfggevlhganfdeakakaiels  
qqqgftwvppfdhpmviagqgtlalellqqdahldrvmfvpvgggglaagvavlikqlmpqikviaveaedsac  
lkaaldaghpvdlprvglfaegvavkrigdetfrlcqeylddiitvdsdaicaamkdlfedvravaepsgala  
lagmkkyialhnirgerlahilSganvnfhgryvsercelgeqreallavtipeekgsflkfcqllggrsvt  
efnyrfadaknacifvgvrlsrgleerkeilqmlndggysvvdlsddemaklhvrymvggprshplqerlysf  
efpespgallrflntlgtynislhfyrshgtdygrvlaafelgdhepdfetrlnelgydchdetnnpafrrf  
lag

>1F8R\_A

addrnplaecfqendyeefleiarnglkatsnpkhvvivgagmaglsaayvlagaghqvtvleaserpggrvr  
tyrneegwyannlgpmrlpekhrivreyirkfdlrlnefsqendnawfiknirkkvgevkdpqllkypvpk  
seagksagqlyeeslgkvveelkrtncsyilnkydtystkeylikegdlspgavdmigdllnedsgyyvsfie  
slkHddifayekrfdeivdgmklptamyrdiqdkvhfnaqvikiqqndqkvttvvyetlsketpsvtadyviv  
cttsravrlifknpllpkkaalrsvhysrgtKifltcttkfweddgihggksttdlpsrfiyyphnftng

vgviiaygigddanffqaldfkdcadivfndlslihqlpkkdigsfcypsviqkwsldkyamggittftpyqf  
qhfsdpltasqgriyfaceytaqahgwidstiksglraardvnlasenpsgihsndnel  
>1YSC\_A  
kikdpkilgidpnvtqytgyldvededkhffffwtfesrndpakdpvilwlnggpgcssltglffelpgssigp  
dlkpignpyswnsnatvifldqpvnvgfsysgssgvsntvaagkdvynflelffdqfpeyvknkgqdfhiageS  
yaghyipvfaseilshkdrnfnltsvligngltdplqtqynnyepmacgeggepsvlpseecsamedslerclg  
liescydsqsvwscvpaticnnaqlapyqrtgrnvdydirkdcegnlcyptlqdidylnqdyvkeavgaev  
dhyescnfdinrnflfagdwmpyhtavtdllnqdlpilvyagdkDficnwlgnkawtdvlpwkydeefasqk  
vrnwtasitdevagevksykhftylrvfnggHmvpfdvpenalsmvnewihggfsl  
>1TYF\_M  
srgersfdiysrllkervifltgqvedhmanlivaqmlfleaenpekdiylyinspgGvitagmsiydtmqfi  
kpdvsticmgqaaSMgaflltagakgkrfclpnsvrmiHqplggyggqatdieihareilkvkgrmnelmalh  
tgqsleqierdterDrflsapeaveyglvdsilthrn  
>1G64\_A  
msderyqqrrqqkvkdrvdarvaqaqeergiiivftgngkgKtTaafgtaaravghgknvgvvqfikgtwpnge  
rnllphgvefqvmatgftwetqnreadtaacmavwqhgrmladplldmvvldeltymvaydylpleevisa  
lnarpghqtviitgrgchrldldadtvselrpvkhafdagvkaqmgidy  
>1NZY\_A  
myeaighrvedgvaeitiklprhrnalsvkamqevtdalnraeeddsvgavmitgaedafcacFylreipldk  
gvagvrdfriaalwwHqmihkiirvkrpvlaaingvaagGglgislasdmaicadsakfvcaWhtigignDt  
atsyslarivgmrramelmltnrtlypeeakdwglvsrvypkdefrevawkvarelaaaphlqvmakerfha  
gwmqpveectefeiqnviasvthphfmpcltrfldghradrpqvelpagv  
>1UW8\_A  
mkkqndipqpirgdkgatvkiprnierdrqnpdmlvppetdhgtvsnmkfsfsdthnrlekgyarevtvrel  
pisenlasvnmrlkpgaiRelhwhkeawaymiygsarvtivdekgrsfiddvgegdlwyfpgslphsiqale  
egaefllvfddgsfsEnstfqltdwlahtpkeviaanfvgvteeisnlpgekyifenqlpgslkddivegpn  
gevpypftyrlleqepiesegkvviadstnfkvsktiasalvtvepgamrelhwhpnthewqyyisgkarmt  
vfasdghartfnyqagdvgyvpfamghyvenigdeplvfleifkddhyadvslnqwlamlpetfvqahldlgk  
dftdvlskekhpvvkkkcsk  
>4E7D\_A  
mdkfrvqgptrlqgevtisgakNaalpilfaallaeeppveiqnvplkldidttmklitqlgtkvergsvwida  
snvnnsfapydlvktmrasiwalgplvarfgggqvsplpggCaigarpvdlhifgleklgaeikleegyvkasv  
ngrlkgahivmdkvsvglatvtimsaatlaegttiienaarepeivdtanflvalgakisgggtndritiegver  
lgggvyrvlpdrietgtflvaaaisggkivcrnaqpdtdavlaklreagadietgedwisldmhgkrpkavt  
vrtaphpafptDmqaqftllnlvaegtgvitetifenrfmhvpelirmgahaeiesntvichgveklsgaqvm  
atdLrasaslvlagciaegttvvdriyhidRgyeriedklralganiervkge  
>1VLB\_A  
miqkvitvngieqnlfvdaeallsdvrlrqqlglgtgvkvvgceggqcgacsvidgkvvracvtkmkrvadgaqi  
ttiegvgqpenlhplqkawvlhggagcgfcspgfivsakglldtnadpsredvrdfqkhrnacrtgykplv  
davmdaaavingkkpetdlefkmpadgriwgskyprptavakvtgtldygadlgkmpagtlhlamvqakvsh  
anikgidtsealtmpgvhsvithkdvkgnritglitfptnkgdgwdrpilcdekvfqygdcialvcadsean  
araaaekvkvdleelpaymsgpaaaaedaieihpgtpnvvyfeqpivkgedtgpifasadvtegdvfyvgrqph  
mpiepdvafaymgddgkcyihksigvhlhlymiapgvglepdqlvlnpmmggtfgykfsptsealvavaam  
atgrpvhrlrnyqqqqqytgkrspwemnvkfaakkdgtllamesdwlvdhgpysefgdlltlrgaqfigagyn  
ipnirglgrtvatnhvwgsafrgygapqsmfaseclmdmlaeklgmdplelryknayrpgdtnptgqepevfs  
lpdmidqlrpkyaalekaqkestathkkgvgisigvygsgldgpdaseawaelnadgtitvhtawedhgga  
digcvgtahearpmgvapekikftwpntattpnsgpsggsrqvmtgnairvacenllkacekpgggyytyd  
elkaadkptkitgnwtasgathcdavtglgkpfvvmygvfmaevtdvatgqttvdgmtlmadlgslcnqla  
tdgqiyyglaqgiglalsedfedikkhatlvagagfpfikqipdkldivyvnhrpdpdpfgasgvglElpltsph  
aainaiksatsgvriyrlpaypekvlealka  
>1BHG\_A  
lglqggmlypquespsreckeldglwsfradfsdnrrrgfeeqwyrrplwesgptvdmvpvssfndisqdwrlr  
hfvgwvwyerevilperwtqdlrtrrvlrigsahsyaiwvngvdtleheggylpfeadisnlvqvgplpsrl  
ritiainntltpttlppgtiqyltdtskypkgyfvqntydfdfnyaglrsvllyttpttyidditvttsveq

dsglvnyqisvkgsnlfklevrlldaenkvvangtgtqgqlkvpvgvslwvpylmherpaylyslevqltaqts  
lgpvdsdytltplvgirtvavtksqfllngkpfyfghgvnkhedadirgkgfdwpllvkdfnllrwlganaftrsh  
ypyaeevmqmcdrygivvidecpvgglalpqqfnnvslhhmqvmeevvrrdknhpavvmwsvanEpashles  
agyyllkmviahtksldpsrpvtfvsnnsyaadkgapyvdviclnsYyswyhdyghleliqlqlatqfenwykk  
yqkpiiqsEygaetiagfhqdpplmfteeyqkslleqyhlglldqkrkyvvgeliwnfadfmteqsprtrlgn  
kkgiftrqrqpkasaafllrerywkianet

>1EYP\_A

maasitaitvenleypavvtspvtgksyflggagergltiegnfikfTaigvylediavaslaakwkgkssee  
lletldfyrdiisgpfeklirgskirelsgpeYsrkvmeNcvahlksvgtygdaeeamqkfaeafkpvnfpp  
gasvfyrqspdgilglfsfpdtsipekeaalienkavssavleTmigehavspdlkrclaarlpallnegafk  
ign

>2VK8\_D

seitlgkylferlkqvnvntvfglpgDfNlslldkiyevegmrwagnanElnaayaadgyarikgmsciittF  
gvgelsalngiagsyaehvgvlhvvgvpsisaqakqlllHHTlgnngdftvfhrmsanisetttamitdiatapa  
eidrcirttyvtqrpyvlglpnldlnvpakllqtpidmslkpndaesekevidtilvldkdaknpvilada  
ccsrhdvkaetkkldltqfpafvtpmgkgsidqhprryggvyvgtlskpevkeavesadlilsvgallsdfn  
tgsfsysytktnivefhsdhmkirnafpgvqmkgfvlqkllttiadaakgykpavpartpanaavpastplk  
qewmwnqlgnflqegdvviaeTgtsafginqttfpnntygisqvlwGsigftTgatlgaaafaeaidpkkrvi  
lfigdgsllqtlvqeistmirwglkpylflvlnndgytiqkqlihgpkayneiaggwdhlsllptfgakdyethrv  
attgewdkltqdksfndnskirmievmlpvfdapqnlveqakltaatnakq

>1FJS\_A

ivggqgeckdgecpwqalllineenegfcggtilsefyiltaaHclyqakrfkvrvgdrnteqeeggeavhevev  
vikhnrtfketydfDiavlrlktpitfrmnvapaclperdwaestlmtqktgivsgfgrthekgrqstrlkml  
evpyvdrnsckllssfiitqnmfcagydtkqedacqGdSGgphvtrfkdyfvtgivSwgegcarkgkygiyt  
kvtafklwidrsmkt

>1ECF\_A

Cgivgiagvmpvnqsiydaltvlqhrqgdaagiitidanncfrlrkanglvsvdfearhmqrllqgnmgighvr  
yptagssasaeapfyvnspygitlahNGnltnahelrkklfeekrrhinttsdseillnifaselndfrhyp  
leadnifaaiaatnrlirgayacvamiighgmvafrdpngirplvlgkrdidenrteymvasesvaldtlgfd  
flrdvapgeaiyiteegqlftrqcadnpvsnpclfeyvyfarpsdfidkisvysarvnmgtklgekiarewed  
ldidvvipipetscdialeiarilgkpyrqgfvnryvgrtfimpqqqlrrksvrrklnanraefrdknvllv  
ddsivrgttseqiieareagakkvylasaapeirfpnvgygidmpsateliahgrevdeirqiigadglifqd  
lndlidavraenpdiqqfecsvfngvyvtdkdvdqgyldfldtlrddakavqrqnevenlemhneg

>1I8D\_A

mFtgivqgtaklvsidekpnfrthvvelpdhmlldgletgaSvahngcCltvteingnhvsfdlMketlritnl  
gdlkvgdwnveraakfsdeigghlmsgHimttaevakiltsennrqiwfkvqdsqmlkyilykgfigidgis  
ltvgevtptrfcvhlipetlerttlgkkklgarvniedpqtqavvdtvervlaarenamngpgtea

>1A2T\_A

atstklhlkepatlikaidgdtcklmykgqpmtfRlllvdtpetkhpkkgvekygpeasaftkkmvenakkie  
vefdkgqrtdkygRglayiyadgkmvnealvrqglakvayvykpnntheqhlrkseaqakkeklniwsednad  
sgq

>1POX\_A

tnilagaavikvleawgvdhlygipgGsiNsImdalsaerdrihyiqvrhEevgamaaaadaktgkigvcFg  
sagpggthlmnglydaredhvpvlaligqfgttgmnmtdFQemnenpiyadvadynvtavnaatlphvideai  
rrayahqgvavvqipvdlpwqqisaedwyasannyqtpllpepdvqavtrltqtllaaerpliyygigarkag  
keleqlsktlkiplmstypakgivadrypaylgsanrvaqkpanealagadvvlfvgnnypfaevskafknt  
yflqididpaklgkrhktdiavladaqktlaailaqvserestpwwqanlanvknwraylasledkqegplqa  
yqvlravnkiaepdaiysidVgdinlnanrhklktpsnrhitsnlfAtMgvgipgaiaaklnyperqvfnlag  
dggasmtmqdlvtqvqyhlpinvftncqygFIkdegedtnqndfigvefndidfskiadgvhmqafvrnki  
eqlpdvfeqakaiaghepvlidavitgdrplpaeklrldsamssaadieafkqryeaqdlqplstylkqfgld  
d

>1RO7\_A

mkkviiagngpslkeidysrlpndfdvfrcnqfyfedkyylgkkckavfynpslffeeyytlkhliqnqeyet  
elimcsnynqahlenenfvyktyfydpdahlgdydffkqlkdfnayfkfheiyfnqRitsgvymcavaialgyk

eiylsgidfYqngssYafdtkqknllklapnfkndnshyigHskntdikaleflektykiklyclcpnsllan  
fielapnlnsnfiiqeknnytkdilipsseaygkfsknin

>1G24\_A

aysntyqeftnidqakawgnaqykkyglsksekeaivsytkasaseingklrqnkqvingfpsnlikqvelldk  
sfnmktpenimlfrgddpaylgtefqntllnsngtinktafekakakflnkdrlaygyistslmnvsqfagr  
piitkfkvakgskagyidpisafagqlEmllprhstyhiddmrlssdgkqiitattmmgtainpk

>1OCX\_A

stekekmiagelyrsadetlsrdrlrarqlihrynhslaehtlrqqiladlfgqvteayieptfrcdygyini  
flgnnffanfdcvmldvcpirigdncmlapgvhiyTathpidpvarnsaelgkpvtignnvwiggravinpg  
vtigdnvvvasgavvtkdvpdnvvvggnpariikk1

>1PII\_A

mqtvlakivadkaiwvearkqqqplasfqnevqpstrhfydalqgartafilEcKkaspskgvirddfdpari  
aaiykhyasaisvltdekyfqgsfnflpivsqiapqpilcKdfiidpyqiylaryyqadacllmlsvlddddqy  
rqlaavahslemgvltEvsneeeqeraialgakvvgiNnrdlrdlsidlnrtrelapklghnvtviseSgint  
yaqvrelshfangfligsalmahddlhaavrrvllgenkvcgltrgqdakaaydagaiygglifvatsprcvn  
veqagevmaaaplqyvgvfrnhdiadvvdkakvlslaavqlhgneeqlyidtlrealpahvaiwkalsvgetl  
parefqhvdkyvldngqggsgqrfdwslngqslgnvllagglgadncveaaqtgcagldfnsavesqpgikd  
arllasvfqtlray

>1GAL\_A

sngieaslltdpkdvsgrtvdyiiagggltglttaarltentpnisvlviesgsyesdrpgpiiedlnaygdifg  
ssvdhayetvelatnnqtalirsgnglggstlvnggtwtrphkaqvds wetvfgnegwnwdnvaayslqaera  
rapnakqiaaghyfnaschgvngtvhagprdtgddyspivkalmsavedrgvptkkdfgcgdphgvsmfpntl  
hedqvrdaarewllpnyqrpnlqvltgqyvgkvllsqngttpravgvefgthkgnthnv yakhevllaagsa  
vsptileysgigmksileplgidtvvdlpvglnlqdqttatvrsritsagagggqaawfatfnetfgdyseka  
hellntkleqwaeavarggfhttalli qyenyrdwivnhnvaysElfldtagvasfdvwdllpftrgyvhi  
ldkdpylhhfaydpqyflneldllgqaaatqlarnisnsgamqtyfagetipgdnlaydadlsawteyipyh  
rpnHygvgtcsmmpkemggvvdnaarvygvqglrvidgsipptqmssHvmtvfyamalkisdailedyasmq

>4B73\_A

gsvvivgriilsgsgsitaysqqtrgllgciitsltgrdknqvegevqv vstatqsf flatcvngvcwtvyHga  
gsktlagpkgpitqmytnvdqDlvwgqappgarsltptcgsdlylvtrhadvipvrrrgdsrgsllsprpv  
sylvGsSggp1lcpsghavgifraavctrgvakavdvpvesmettmrspvftdnssppavpqs fqvahlhap  
tgsgkstkvpaayaaqgykvlvlnpsvaatlfggaymskahgidpnirtgvr tittgapvtystygkfladgg  
csggaydiicdechstdsttilgigtvldqaetagarlvvlatatppgsvtvphpnieevalsntgeipfyg  
kaipieairggrhlifchskkkcdelaakls glginavayyr gldvsviptigdvvvvatdalmtgytgdfds  
vidcntcvtqtvd fsldptftietttvpqdavsr srrgrtrgrrgiyrfvtpgerpsgmfdssvlcecyda  
gcawyeltpaetsvrlraylntpglpvcqd hlefwesvftglthidahflsqtkqagdnfpylvayqatvcar  
aqapppswdqmwkclirlkptlhgptllyrlgavqnevtlthp itkyimacmsadlevvt

>1QZ9\_A

mttrndclaldaqdslaplrrqqfalpegviyldgns lgarpvaaalaraqaviaeewngnglirswnsagwr dls  
erlgnrlatligardgevvvtdttsinlfkvlsaalrvqatrsperrv ivtetsnFptdlyiaegladmlqqg  
ytlrlvdspeelpqaidqdtavvmlthvnyktgymhdmqaltalshecgala iwDlahsagavpvd lhqagad  
yaigctyKylnggpgsqafv wvspqlcdlvqpplsgwfg hsrqfamepryepsngiaryl cgtqpitslamve  
cgldvfaqt dmaslr rkslaltdlfiel veqrcaaheltlvtprehakrgshvsfehpegyaviqalidrgvi  
gdyreprimrfgftplyttftevwdavqilgeildrktwaaqafqvrhsvt

>1KC7\_A

akwvykfeegnasmrnl1ggKgc nlaemtilgmpipqgftvtteacteyynsgkqitqeiqdqifeaitwlee  
lngkkfgdtedpllvsvrsgarasmpGmMdt ilnlg lndvavegfakktgnprfaydsyrrfiqmysdvvm ev  
pkshfekiidamkeekgvhfdtdltaddlkelaekfkavykeamngeefp qepkdqlmgavkavfrswdnpra  
ivyrmdipgdwgtavnvqtmvfgnkgets gtvaftrnpstgekgygeylinaggedvvagvrtpqp itq  
lendmpdcykqfmdlamklekhfrdmqdmef tieegklyflqtRngkrtapaalqiacdlvdegmiteeeavv  
rieaksldqllhptfnpaalkagevigsalpaspgaaagkv yftadeakaah ekgervilvrletspe diegm  
haaegiltvrggmtsHaavvargmgtccvsgcgeikineeaktfelgghtfaegdyisldgstgkiyk diet  
qeasvsgsferimvwadkfrtlkvrt nadtpedtlnavklgaegiglc rtehmffeadrimkirkmilsdsve  
areealnelipfqkgdfkam ykalegrpmtvryldpplhefvph teeeqaelaknmgl tlaevkakvdelhef

npmmghrgcrlavtypeiakmqtravmeaaievkeetgidivpeimiplvgekkelkfvdvvevaeqvkke  
kgsdmqyhihtmieipraaltadaiaeeaeffSfgtndltqmtfgfsrddagkfldsyykakiyesdpfarld  
qtgvgqlvemavkkgrqtrpglkcgiCgehggdpssvefchkvglnYvscspfrvpiparlaaaqaalnn

>1NIR\_B

kaaeqyqgaasavdpahvvrtngapdmsesefneakqiyfqrcahgvlrkgatgkpltpditqgrgqqyle  
alitygtplgmpnwgssgelskeqitlmakyihtppppewgmpemreswkvlvkpedrpkkqlndldlpnl  
fsvtlrdagqialvdgdskkivkvidtgyavhisrmsasgryllvigrdaridmidlwakeptkvaeikigie  
arsvesskfkgyedrytiagaywppqfaimdgetlepkqivstrgmtvdtqtyhpeprvaaaiiashehpefiv  
nvketgkvllvnykdidnltvtsigaapflHdggwdsshryfmtaannsnkvavidskdrllsalvdvgktpH  
pgrganfvhpkypvwstshlgdgsisligtdpknhpqyawkkvaelqgggggslfikthpksshlyvdttn  
pdarisqsvavfdlknldakyqvlpiaewadlgegakrvvqpeynkrqdevwfsvwngkndssalvvddktl  
klkavvkdprlittptgkfnvyntqhdvy

>1G4P\_A

hgirmtrisremmkellsvyfimgsnntkadpvtvvqkalkggatlyqfrekggdaltgearikfaekaqaac  
reagvpfiivnddelalnlnkadgihigqedanakevraaigdmilgvAahtmsevkqaeedgadyvglgpiyp  
tetkkdtravqgvslieavrrqgisipivgiggitidnaapviqagadgvsmaisaisqaedpesaarkfreei  
qtyktgr

>1PNT\_A

aeqvtksvlfvClgniCRspiaeavfrklvtdqnisdnwvidsgavsdwnvgrspdppravsclnrhgintahk  
arqvtkedfvtfdyilcmdesnlrdlnrksnqvknrcrakiellgsydpqkqliieDpyygnadadfetvyqqcv  
rccraflekvr

>1IU4\_A

dsddrvtpaepldrmpdpyrpsygraetvvnniyirkwqqvyshrdgrkqqmteeqrewlsygCvgvtwvnsg  
qyptnrlafasfdefrfknelkngrprsgetraefegrvakesfdeekgfqrarevasvmnralenahdesay  
ldnlkkelangndalrnedarspfysalrntpsfkernggnhdpsrmkaviyskhfwsgqdrssadkrkygd  
pdafrpapgtglvdmrdrnprspstspgegfvnFDyggwfgaqteadadKtvWtHgnhyhapngslgamhvy  
skfrnwsegysdfdrgayvitfipkswnatapdkvkqgwp

>1IVH\_A

hslpvdadainglseeqrqlrqtamakflqehlapkaqeidsnefknlnrefwkqlgnlgvlgitapvqyggsg  
lgylehvlvmeeisrasgavglsgahsnlcinqlvrngneaqkekylpklisgeyigalamsepnagsdvvs  
mklkaekkgnhyilngnkfwitngpdadvlivyaktdlaavpasrgitafivekgmpgfstskldklgmrgs  
ntcelifedckipaaniighenkgvyvlmsgldlErlvlaggplglmqavldhtipylhvreafgqkighfql  
mqgkmadmytrlmacrqqvynvakacdeghctakdcagvilysaecatqvaldgiqcfcgngyindfpmgrfl  
rdaklyeigagtsevrllvigrafnadf

>1FFT\_A

mfgklslldavpfhepivmvtiagiilgglalvglityfgkwtylwkweltsvdhkrllgimYiivaivmllRgf  
aDaimMrsqqalasageagflpphhydqifTahgvimiffvampfviglmNlvvplqigarDvafpflNnlSf  
wfTvvgvilvnvslgvgefaqtgwlappplsgieyspgvgvdywiwslqlsgigTtlTginffvTilkmrapg  
mtmfkmpvftwaslcanvliiasfpiltvtvalltdrylgthfftndmggnmmmyinliawgHpEvYilil  
pvfgvfSeiaatfsrkrllfgytSlvwatvcitvlsfivwlhfftmgaganvnaffgittmiiaipTgvKifn  
wlftmyqgrivfhsamlwtigfivtfsvggmtgvllavpgadfvlnslfliaHFHnviiggvvfgcfagmt  
wpkafgfklnetwgkrafwfiigffvafmplyalgfmgmtrrlsqqidpqqfhtmlmiaasgavliialgilc  
lviqmyvsirdrdqnrldtgdpgwgrtlewatsspppfynfavvphvherdafwemkekgeaykkpdhyeeih  
mpknsgagiviaafstifgfamiwhiwwlaivgfagmiitwivksfddedvdyvvpvaeieklenqhfdetka  
glkn

>1STC\_E

gnaaaakkqseqesvkeflakakedflkkwenpaqntahldqferiktlgtgsfgrvmlvkhmetgnhyamki  
ldkqkvklkqiehtlnekrlqavnfpflvklefsfkdnslmymeyvpggemfshlrrigrfsepharf  
aaqivltfeylhlslidiyrDlKpenllidqqgyiqvtdfgfakrvkgrtwtlcgTpeylapeiilskgynkav  
dwwalgvliyemaagypffadqpqiyeikivsgkvrpshfssdlkdllrnlqvdltkrfgnlknqvndik  
nhkwfattdwiaiyqrkveapfipkfkgpgdtsnfddyeeeeirvsinekcgcgkefsef

>1K4V\_B

klklswfnpfrpevvmtkwkapvvwegtynravldnyyakqkitvgltvfavgryiehyleefltsankh  
fmvghpvifvimvddvsrmplielgplrsfkvfkikpekrwqdismmrmtigehivahiqhevdfllcmdvd

qvfgdkfgvetlgesvaqlQawwykadpndftyerrkesaayipfgegdfyyHaaifggtpqtqvlntqecfk  
gilkdkkndieaqWhdEshlnkyfllnkptkilspeycwdyhighlpadiklvkmsWqtkeynvvRnnv

>1BXR\_B

miksallvledgtqfhgraigatgsavgevvfntsmtygyqeiltcpsysrqivtltyphignvgtndadeess  
qvhaqglvirdlpliasnfrntedlssylkrhnivaiadidtrkltrllrekgaqngciagdnpdalalek  
arapfglngmdlakevttaeayswtggswtlttgglpqakkedelpfhvvaydfgakrnilrmlvdrgrltiv  
paqtsaedvlkmnpdgiflsngpgdpapcdyaitaiqkfletdipvfgiClghqllalalasgaktvkmkfghhg  
gnhpvkdveknvmitaqnhgfavdeatlpnlrvthkslfdgtlqgihrtdkpafsfqgHpeaspgphdaap  
lfdhfielieqyrktak

>1YBQ\_A

midytaagftllqgahlyapedrgicdvlvangkiiavasnipdivpnctvvdlsqgilcpqgidqhvhl  
gggeagpttrtpevalsrlteagvtsvvgllgtdsisrhpesllaktralneegisawmltgayhvpsrtitg  
svekdvaaidrvigvkcaisdhrsaapdvhyhlanmaaesrvvgllggkpgvtvfhmgsdkkalqpiydlenc  
dvpiskllpthvnrvnplfeqalefarkggtiditssidepvapaegiaravqagiqlarvtlssNngngsqpf  
fddegnlthigvagfetlletvqvlvkdydfsisdalrpltssvagflnltgkgeilpgndadllvmtpelri  
eqvyargklmvkdgkacvkgtfeta

>1OYG\_A

asmketnqkpyketygishitrhdmlqipeqqknekyqvpfeidsstiknissakgldvwDswplqnadgtvan  
yhgyhivfalagdpknaddtsiymfyqkvgetsidswnagrvmfkdskfdandsilkdtqewsgsatftsd  
gkirlyfytdfsgkhygkqtlttaqvnvsasdslningvedyksifdgdgktyqnvqqfidegnyssgdhnt  
rDphyvedkghkylvfeantgtedgyqgeeslfnkayygkstsffrquesqklqsdkkrtaelangalmiel  
nddytlkkvmkpliasntvtdeiEranvfkmgngkwyftdsrgskmtidgitsndiymlygvsnsltgpykpl  
nktglvlkmdldpndvtftyshfavpqakgnnvitsymtnrgfyadkqstfapsfllnikgkktsvvksil  
eqgqltvnk

>1DGK\_N

miaaqlalayftelkddqvkkidkylyamrlsdetlidimtrfrkemknglsrdfnptatvkmpltfvrsipd  
gsekgdflaldlgssfrilrvqvnheknqnvhmesevydtpenivhgsgsqlifdhvaeclgdfmekrkikdk  
klpvgtffsfpcqqskideailitwtkrfkasgvegadvvklknkaikkrgdydanivavvndvtgmmtcgy  
ddqhcevgliigtgtnacymeelrhidlvvegdegrmcintewgafgddgsledirtefdraidayslnpgkql  
fekmvsgmylgelvrllilvkmakegllfegritpelltrgkfntsdvsaieknkeglhnakeiltrlgvepsd  
ddcvsvqhvctivsfersanlvaatlgaillnrlrdnkgtprrlrttvvgdgslykthpqysrrfhktrllrvpsd  
dvrfllesgsgkggaamvtavayrlaeqhrqieetlahfhltkdmllvkkrmraemelglrkqthnnavvkm  
lpsfvrrtpdgtengdflaldlgganfrvllvkirsgkkrtvemhunkiyaipieimqgtgeelfdhivscisd  
fldymgikgprmplgftfsfpcqqtldagilitwtkgfkatdcvghdvvtllrdaikrreefdldvavvnD  
tvgtmmtcayeptcevglivgtgsnacymeemknvemvegqgqmcinmewgafgdngclddirthydrldv  
eyslnagkqryekmisgmylgeivrnildftkkgflfrgqisetlktgrgifetkflsqiesdrlallqvrai  
lqqglgnstcddsilvktvcgvvsrraaqlcgagmaaavvdkirenrgldrlnvtvgvdtglyklhphfsrimh  
qtvkelspkcnvsfllsedgsgkgaalitavgvrlrteass

>1PJQ\_A

mdhlpifcqlrdrdclivgggdvaerkarllleagarltnaltfipqftvwanegmltlvegpfdetlldsc  
wlaiaatdddtnqrvsdaaesrrifcnvvdapkaasfimpsiidrsplmvavssggtspvlarllreklesl  
lpqhlqgvaryagqlrarvkkqfatmgerrrfwekffvndrlaqslanadekavnatterlfsepldhrgevv  
lvgagpgdaglltlkglqqiqqadivvyDrlvsddimnlvrrdadrvfvgKragyhcvpqqeeinqillreaqk  
gkrvrlkggdpfifgrggeeletlchagipfsvvpgitaaagcsaysgiplthrdyaqsvrlvtghlktgge  
ldwenlaaekqtlvfYMglnqaatiqekliafmgmaqampvalvengtsvkqrvvhgvltqlgelaqqvespal  
iivgrvvalrdklwnfsnh

>1UI7\_B

aspfrlasageisevqgilrtagllgpekriaylgvldpargagseaedrrfrvfihdvsgarpqevtvsvt  
gtvisaveldtaatgelpvleeeefevqeqlatderwlkalaarnldvskvrvaplsagvfeyaeergrrilr  
glafvqdfpedsawahpvdglvaydvvskevtrvidtgvpvpaehgnytdpeltgplrttqkpisitqpeg  
psftvtggnhiewekwsldvgfdvregvvlhniafrdgdlrpiinrasiaemvvpypgdpspirswqnyfDtg  
eylvgyanslelgedclgditylspvisdafgnpreirngicmheedwgilakhsdlwsginytrnrnmvi  
sfftignydygyfywlyldgtiefekatkvvvftsafpeggsdnisqlapglgapfhqafisarldmaidgf  
tnrveedvvrqtmgpgnergnafsrkrtvltreseavreadartgrtwiisnpesknrlnepvgyklhahng



ptlladpgssiarraafatkdlwvtryadderyptgdfvnqhsaggaglpysiaqdrdidgqdivvwhtfglth  
fprvedwpimpvdtvgfklrpegffdrspvldvpan

>1GPM\_A

mtenihkhrilildfsgsytqlvarrvrelgvycelwawdvteaqirdfnpsgiilsgGpestteensprapq  
yvfeagvpvfgvCYgmqtmamqlgghveasnerefgyaqvevndsalsvrgiedaltadgkplldvwmshgdk  
vtaipsdfitvastescpfaimaneekrfygvqfHpEvthtrqgmrmmlerfvrldicqcealwtpakiiddava  
rirqvgddkvilglsggvDssvtamllhraigknlctcvfdngllrlneaeqvldmfgdhfglnivhvpae  
rflsalagendpeakrkiigrvfvevfdeekledvkwlaqgtiypdviesaaasatgkahvikshhvnvgglp  
kemkmgleveplkelfkdevrkiglelglpydmlyrhpfpgpglgvrvlgevkkkeycdllrradaifieelrka  
dlydkvsqaftvflpvrsvgvmgdgrkydwvslravetidfmtahwahlpdflgrvsnriinevngisrvv  
ydisgkppatiewe

>1GS5\_A

mmnpliiKlgGvllldseealerlfsalvnyreshqrplvivhggGcvvdelmkgnlnlpvkkkngrlvtpadqi  
diitgalagtanktllawakkhgiaavglflgdgdsvkvtqldeelghvglaqpgspklinsllengylpvvs  
sigvtdegqlmnvnadqaataatlgadlillsdvsgildgkggriaemtaakaeqlieqgiitdgmivKvn  
aaldaartlgrpvdiawrhaeqlpalngmpmtrila

>1BF2\_A

ainsmslgasydaqqanitfrvyssqatrivlylysagygvqesatytlspagsgvwavtvpvssikaagitg  
avyygyrawgpnwpyasnwgkgsqagfvsdvddangdrfnpnkllldpyaqevsqdplnpsnqngnvfasgasy  
rttdsgiyapkgvvlpstqstgtkptraqkddviyevhvirgftedtsipaayrgtyyaglkasylaslgv  
taveflpvqetqndandvvpnsdanqnywgymtenyfspdrraynkaaggptaefqamvqafhnagikvymd  
vvynhtaeggtwtssdpttatiyswrgldnatyyeltsgnqyfydntgiganfntyntvaqnlivdslyawan  
tmgvdgfrfDlasvlgnsclngaytasapncpnggynfdaadsnvainrilreftvrpaaggsgldlfaEpwa  
iggnsyqlggfpggwsewnglfrdslrqaqnelgsmtiyyvtqdandfsgssnlfqssgrspwnsinfidvhDg  
mtlkdvyscngannsqawpygpsdggststnyswdqgmsagtgaavdqrraartgmafemalestplmqggdey  
lrtlqcnnnaynldssanwltyswttdqsnfyftaqrliafrkahpalrpsswysgsqtlwyqpsgavadsny  
wnntsnyaiayaingpslgdsnsiyvayngwsssvtftlpappsgtqwyrvtcdwndgastfvapgsetli  
ggagttygqcgqsl1111isk

>1ECL\_A

mgkalvivEspakaktinkylgsdyvvkssvghirdlptsgsaakksadststktakkpkkdergalvnrmgv  
dpwhnweahyevlpgkekvvselkqlaekadhiylatDldregeaiawhlreviggddarysrvvfneitkna  
irqafnkpgelnidrvnaqqarrfmdrvvgymvspllwkkkiarglsagrvqsvavrlvverereikafvpeef  
wevdasttppsgealalqvthqndkpfprpvneqqtqaavsllekarysvlredkpttskpgapfitstlqqa  
astrlgfgvkkmtmmaqrlyeagyitYmrtdstnlsgdavnmmvrgyisdnfkgkylpespnqyaskgnsqeaH  
eairpsdvnmameslkdmeadaqklyqliwrqfvacqmtpakydsttltvgagdfrlkargrilrfdgwtkv  
palrkgedrilpavnkgdaltlveltpaqhftkpparfseaslvkelekrigirpstyasiistiqrgrgyvr  
venrrfyakmgeivtdrleenfrelmnydftaqmensldqvanheaewkavlhdhffsdftqqldkaekdpee  
gmrpnqmvltisi

>1D8D\_A

maategvgesapggpegqpeqpppppppppaqppqeeemaaeageaaaaspmddgflsldsptyvlyrdrwa  
didpvpqndgppspvvqiyysekfrdvdyfravlqrderserafklttrdaielnaanytvwhfrrvllrslqk  
dlqeemnyiaaieeqpKnyqvwhhrrvlvewlkdpssgelefiadilnqdaknyhawqhrqwviqefrlwdne  
lqyvdqllkedvrnnswnqrhfvisnttgysdravlerevqytlemlklvphnesawnylkgilqdrgrlsry  
pnllnqlldlqpshsspyliaflvdiyedmlenqcdnkedilnkalelceilakekdtirkeywryigrslqs  
khsresdipasv

>1D8D\_B

massssftyycppssspvwseplyslrpeharerlqddsvetvtsieqakveekiqevfssykfnhlvprlv  
qrekhfhyllkrqlrqltdayecldasrpwlcywilhslelldepipqivatdvcqflelcqspdgfggggpgg  
yphlaptyaavnalciigteeyaynvirekllqylslkqpdgsflmhvggevdvrsaycaasvasltniitp  
dlfegtaewiarcqnweggigvgpmeahggytfcglaalvilkkerslnlksllqvwtsrqmrffeggfqgrc  
nklvdgcYsfwqagllpllhralhaqgdpalmsmhmfhqgalqeyilmccqcpagglldkpgksrdfyhtcy  
clsglsiaqhfgsgamlhdvvmgvpenvlqpthpvynigpdkviqatthflqkpvpgfeecedavtsdpatd

>1K4T\_A

kkpkndkdkkkvpepdnkkkkpkkeeeqkwkwweeerypegikwkflehkgpvfappyeplpenvkfyddgkv  
mklspkaeevatffakmldheyttkeifrknffkdwrkemtneekniitnlskcdftqmsqyfkaqtearkqm  
skeeklkikeenekllkeygfcimdnhkerianfkieppglfrgrgnhpkmgmlkrrimpediiincskdakv  
pspppgkhkwkevrrhdkvwtwlvswteniqgsikyimlnpssrikgekdwqkyetarrlkkcvdkirngyredw  
kskemkvrgravalymfidklalRagnekeegetadtvgccslrvehinlhpeldgqeyvvefdflgkdsiryy  
nkvpvekrvfknlqlfmenkqpeddlfdrlntgilnkhldlmeqltakvfRtynasitlqqqlkeltapden  
ipakilsynranravailcnHqrappktfeksmmnlqtkidakkeqladarrdlksakadakvmkdaktkkvv  
eskkkavqrleeqlmklevqatdreenkqialgtsklnyldprtvawckkkwgvpiekiynktqrekfawaid  
madedyef

>1UQR\_J

mkillllngpNlnmlgkRephiYgsqtlstdieqhlqqsaaqgyeldyfqangeeslinrihqafqntdfiii  
npgafthtsvairdallavsipfiEvHlsnvhaRepfrhhsylsdvakgvicglgakgydyaldfaiselqki  
>1SNZ\_B

masvtravfgepssgggtvekfqlqsdllrvdiiswgctitalevkdrqgrasdvvlgfalelegylqkqpyfg  
avigrvanriakgtfkvdgkeyhlainkepnslhggvrgfdkvlwtprvlsngvqfsrispdgeegypgelkv  
wvtytldggelivnyraqasqatpvnltNhsyfnlaggaspnindhevtieadtylpvdetliptgevapvqg  
tafdlrkpvvelgkhlqdfhlnghfclkgkskekhfcarvhhaasgrvlevyttqpgvqfytgfnldgtlkg  
kngavypkhsqfclEtqnwpdavnqprfppvllrpgedydhttwfkfsva

>7ATJ\_A

qltptfydnscpnvsnivrdivnelrsdpriaasilRlhfhDcfvngcdasilldnttsfrtekdafigNans  
argfpvidrmkaavesacprtvscaalltiaaqqsvtlaggpswrvplgrdsldqafldlananlpapfftlp  
qlkdsfrnvglnrssdlvalsggthfgknqcrfimdrlynfsntglpdpptlnttylqtlrglclpnlgnlsalv  
dfdlrtptifdnkyvvnleeqkgliqsdqelfsspnatdtiplvrsfanstqtfafveamdrmgnitpltg  
tggqirlncrvnsns

>2NMT\_A

amkdhkfwrtpqvkdfdekveegpidkpktpedisdkplpllssfewcsidvdnkkqledvfvlldeniyved  
rdagfrfnytkeffnwalkspgwkdwihgvrketqqlvafisaipvtlgvrgkqvpsveiNFLcvhkqlrs  
krltpvlikeitrrvnkcidiwhalytagivlpapvstcrythrplnwkklyevdftglpdghteedmiaenal  
paktktaglrklkkedidqvfelkryqsrfeqiqiftkeefehnfigeeslpdkqvifsyvveqpdgkitd  
ffsfyslpftilnntkykdlgiglyyyatdadfqfkdrrfdpkatkalktrlceliydacilaknanmdvfna  
ltsqdnltflddlkfpgpgdglfnfylvnyrakpitgglnpdnsndikrrsnvgvumL

>1GPA\_D

rkqivrglagvenvtelkknfnrhlhftlvkdrnvatprdyfalahtvrhdlvgrwirtqqhyyekdpkriy  
ylslefymgrtlqntmvnlalenacdeatyqlgldmeeleeeiedaglgngglgrlaacfldsmatlglaaayg  
ygiryeqgfinqkicggwqmeeaddwlrygnpwekarpeftlpvhfygrvehtsqgakwvdtqvvlampydtp  
vpgyrnnvntmrlwsakapndfnlkdfnvggyiqavldrnlaienirvlypndnffegkelrlkqeyfvvaa  
tlqdiirrfksskfgrcdpvrtnfdafpdkvaiqlndthpslaipelmrvlvdlerldwdkawevtktcayt  
nhtvipealerwpvhlletllprhlqiieinqrflnrvaafpgdvdrllrmlsveegavkrinmahlciaq  
shavngvarihseilkktkdfyelephkfqnkngitprrwlvlnpglaeiaerigeeyisdldqlrkl  
lsyvddeafirdvakvkqenklkfaaylereykvhinpnsldfvqvKRiheyKrqlnclhvitlynrikkep  
nkfvvprtvmiggkaapgyhmakmiiklitaigdvvnhdppvgdrlrviflenyrvslaekvipaadlseqis  
tagteasgTgnmkfmlngaltigtmdganvemaeeageenffifgmrvdvdrlldqrgynaqeyydripelrq  
ieqlssgffspkqpdflkdivnmlmhhdrfkvfadyeeyvkcqervsalyknprewtrmvrniatsgkfss  
drtiaqyareiwgvepsrqrlpap

>1WOS\_A

mkrtplfekhvelgakmvdvagwemplyytsifeevmavrksvgmfdvshmgeflvkgpeavsfidflitndf  
sslpdgkaiysvmcnenggiidDlvvykvspdealmmvnaaniekdfnwikshsknfdevsvnisdttaliaf  
qgpkagetlqelvedgleeiayysfrksivagvetlvsrtgytggedgfelmleaknapkvwdalmnllrkidg  
rpaglgardvcrleatyllygqmdentnpfevglswwvklndfvgkeallkakekverklvalelsqkria  
rkgyevlknervgeitsgnfsptlgksialalvsksvkigdqlgvvfpggklvealvvkpkpfyrsvr

>2BKR\_A

mdpvvlsymdsllrqsdvslldppsWlnndhiigfafeyfansqfhdsdhvsfispevtqfiktsnpaeiam  
flepldlpnkrvvflaindsvnaaggsHWSllvylqdknsffhyDshrsrsnsvhakqvaekleafgrkgdk  
lafveekapaqqnsydgmyvicntealcqnffrqqtessllqltltpayitkkrgewkdiatlakk

>1NMW\_A

geparvrCsHllvkhsqsrrpsswrqekitrtrkeeealelingyiqkiksgeedfeslasqfsdCssakargdl  
gafsrqgmqkpfedasfalrtgemsgpvftdsGiHiilrte

>1FR2\_B

meskRnkpgkatgkgkpvvgdkwlddagkdsgapipdriadklrdkefksfddfrkavweevskdpelsknlnp  
snkssvskgyspftpknnqqvggrkvYElHHdkpisqggevydmdnirvttprhidihrGk

>1SOX\_A

apsypeytreesvgrhrspeerVwvthgtdvfdvtdfvelhpggpdkillaaaggalepfwalyavhgephvlel  
lqqykvGelspdeapaapdaqdpfagdprrhpglrVnsqkpfnaeppaellaerfltpnelfftRnhlpvpav  
epssyrLrvdggpgggtlslsaelrsrfpkhevtatlqcagnrrsemsrVrpvkglpWdigaistarwggarl  
rdvllhagfpeelqgewhvcfegldadpggapygasipygralspaadvllayemngtelprdhgfpvrVvvp  
gvvgarsvkwLrrvavspdespshwqqndYkgfspcvdwdtvdYrtapaiqelpvqsavtqprpgaavppgel  
tvkgYawsgggrevrvrdvslDggrtwkvarlmgdkappgrawawalweltvpveagteleivckavdssynv  
qpdsVapiwnlrgvlstawhrvrVsvqd

>1XK7\_C

shdhlpPkfgplaglrVvfsgIEiagpfagqfaewgaeVwienvawadtirvqpnypqlsrnlhalslnif  
kdegreaflklettDifieaskgpafarrgitdevlwqhnpklviahlsGfggygteeytnlpayNtiaqafs  
gyliqngdvdqppafpytaDyfsGltattaalaalhkvretgkgesidiaeyvlrgqyfdyfnggeCprskgk  
dpyyagcglykCadgyivelvgitqieecfkDiglahllgtpeipegtqlihrieCpygpplveekldawlath  
tiaevkerfaelniacakvltvpelesnpqyvaresitqWqtdgrtckgpnipkfknpgqiwrGpshgdtaa  
ilkniGysendiGelvskglakved

>1MRO\_B

akfedkvdlYddrgnlveeqvplealsplrnpaiksivqgikrtvavnlegienalktakvggpackimgrel  
lddivgnaesiaaaaakemiqvtedddtnvellgggkralvqVpsarfdvaaeysaaplvatafVqaiinefd  
vsmydanmvkaavlgrypqsveymganiatmldipqklegpgyalrnimvnhvvaatlKntlqaaalstileq  
tamfemgdavgafermhllglayqgmnadnlvfdlvkangkegtvgsviadlveraLedgvikvekeltdykv  
ygtddlamwnayaaaglmaatmvnqgaaraaagvsstllyyndliefetglpsvdfgkvegtaVgfsffshsi  
YggggpgiFngnhivtrhskgfaipcvaaamaldagtqmfspeatsglikevfsqvdefreplkyvveaaaEi  
knei

>1B3R\_D

lpykvadiglaawgrkaldiaenempglmrremysaskplkgariaGclHmtvetavlietlvalgaevrws  
schfstqdhaaaaiaKagipvfawkgetdeeylwcieqtlhfkdGplnmildDggdltnlihtkhpqllsgI  
rgiseetttgVhnlykmmangilkvpainvndsVtKskfDNlyGreslidgikratdvmiagkvavvagygD  
vgkgcaqalrgfgarviiteidpinalqaamegyevttmdeackegnifvtttgcVdiilgrhfeqmKddaiv  
cnigHfdveidvkwlnenavekvnikpvdryllknghriillaegrlvnlgcamghpsfVmsnsftnqvmaQ  
ielwthpdkypvgvhflpkkldeavaeahlgklvnvkltkltekqaqylgmpingpfkpdhyry

>3GRV\_A

qcflidknfvnkavesanltkddvleiGlgkgilteelaknakkyviEidkslepyanklkelynnieiiw  
gdalkvdlnklDfnkvvaNlpyqisspitfklikrgfdlavlmyqyefakrmvaaagtkdygrlsvavqsrad  
veivakvppsafypkpkvysaivkikpnkgkyhienenfddflraifqhrnksvrkalidsskelnynkdem  
kkiledflntnseiknlinekvfklsvkdinvlsnefyrlqn

>1L1L\_A

mseeislsaeFidrvkasvkphwgklgwvtykrtyarwlpekgrsenwdetvkrvvegninldprlqdspSle  
lkqslteeaerlykliyglgatpsgrnlwisgtDyqrrtgdslnnCwfvaairpqkygdsKiVpsylgkqekav  
smpfsflfdelmkgggvgfsvarsnisqiprvdfaidlqlvvdetsesydasvkvGavgknelvqdadsiiYr  
lpdtregwvlanallidlhfaqtNpdrkqklildlSdirpygaeihgfggtasgpmpIsmlldvneVlnnka  
ggrltavdaadicnligkavvagrvrrsaElalgsnddqdfismkqdqeklmhhrwasnnsVavdsafsgyqp  
iaagirengepgivnldlsknygrivdgyqagidgdvegtNpCgEislangepCnlfevfpliaeegwdlqe  
vfalaaryakrvtfspydweisreiiqknrrigismsgiqdwlltrlgnrvtgfkddfdpetheaikvpvyd  
kraikmvdqlykavvkadqdyktlgcsesikhttvkpsgtvaklagasegmhfhygayliqirifqdsdpll  
palkacgyrteadiytenttcvefpikavgadnpnfasagtvsiaeqfatqaflqtywsdnavsctitfqdse  
gdqvesllrqyrfitkstslpyfggslqqapkepidketyekrsqeitgnveevfsqlnsdvkdlelvdqtd  
ceggacpik

>1JMS\_A

nsspspvpgsqnvppavkakisqyacqrtrtlnnynqlftdaldilaendelrenegsclafmrassvlkslp  
fpitsmkdteqipclgdkvksiiegiiedgesseakavlnderyksfklftsvfgvglktaekwfrmgftrls  
kiqsdkslrftqmqkagflyyedlvscvnrpeaeavsmvlveavvtflpdalvtmtggfrrgkmtghdvdfli  
tspeatedeeqqllhkvtdfwkqgglllycdilestfekfkqpsrkvdaldfqkcfliikldhgrvhseksq  
qqegkgwkairvDlvmcpydrorafallgwtgsrqferdlrryatherkmmlndhalydrtkrvfleaeseeei  
fahlgldyiepwerna

>1W0G\_A

ygthshglfkklgipgptplpflgnilsyhkgfcmfmechkkkygkvwgyfydgqqpvlaaitdpdmiktvlvke  
cysvftnrrpfgpvgfmksaisiaedeewkrllrslsptftsgklkemvpiaaqygdvlvrnlrreaetgkp  
tlkdvfaygsmdvitstsfgvnidslnnpqdpfventkklrrfdfldpfllsitvfpflipilevlnicvfpr  
evtnflrksvkrmklesrledflqlmialsdlelvaqsiififagyETTssvlsfimyelathpdrvqqklqeei  
davlplnkapttydtvlqmeyldmvvnetlrlfpiamrlervckkdveingmfipkgvvvmipsyalhrdpkyw  
tepekflperfskknkdnidpyiytpFgsgprnCIGmrfaNmklalirvlqnfsfkpcketqiplklslgg  
llqpekpvvlkvesrdg

>1CWY\_A

melprafglllhptslpgpygvglgreardflrflkeaggrywqvlplgptgygdsipyqsfsafagnpylid  
lrplaergyvrledpgfpqgrvdyglllyawkwpalkeafrgfkekaspeereaafafrereawwledyalma  
lkgahgglpwnrwlpllrkreekalreaksalaeavafhaftqwlffrqwgalkaeaealgiriigdmfifva  
edsaevwahpewfhldeegrptvvagvppdyfsetgqrrwgnplyrwdvleregfsfwirrelealelfhlvri  
DhfrgfeayweipascptavegrwvkapgeklfqkiquevfgevpvlaEdlgvitpevealrdrfglpgmkvlq  
fafddgmenpflphnypahgrvvvytgthDndttlgwyrtatphekafmaryladwgitfreeeevpwalmhl  
gmksvarlavypvqdvlaalgsearmnypgrpsgnwawrllpgelspehgarlramaeaterl

>1A79\_B

kitgllldgdrvivfdkngisklsarhygnvegnflslslvealylinlgwlevkykdnkplsfeelyeyarnv  
eerlclkylykdlrtrgyivktglkygadfrlYerganidkeHsvylvkvfpedssflslseltgfvrvahsv  
rKkliaivdadgdivvynmtvykp

>2C7V\_A

eapaavvtgaakRigraiavklhqtgyrvvihyhnsaeavsladelnkersntavvqadltnsnvlpascee  
iinscfrafgrcdvlvnnaafyptplvqgktvetqvaeligtnaiapfltmsfaqrqkgssnlsivnlcDa  
mvdqpmafslYnmgkhalvgltqsaalelapygirvngvapgvslpvamgeeeekdkwrrkvplgrreaseq  
iadaviflvsgsaqyitgsiikvdgglslvha

>1J79\_A

tapsqvlkirrpddwhlhldrgdmktvvpvtseyigraivmpnlappvttveaavayrqrilдавpaphdft  
plmtcyltdslpnelergfnegvftaaklypanattnsshgvtsvdaimpvlermekigmpdllvhgevthad  
idifdrearfiesvmeplrqriltalkvvfehittkdaadyvrdgnerlaatitpqhlmfnrnhmlvggvvrphl  
yclpilkrnihqqalrelvasgfqrflgtDsapharhrkesscgagcfnaptalgsyatvfeemnalqhfe  
afcsvngpqfyglpvndtfielvreeqqvaesialtddtlvpflagetvrwsvkq

>1LIJ\_A

mavdssnsatgpmrvfaignpildlvaevpssfldefflkrgdatlatpeqmriystldqfnptslpggsaln  
svrvvqklrrkpgsagymgaigddprgqvlkelcdkeglatrfrmvapggstgtcavlinekeRtlclthlgacg  
sfripenwttfasgalifyataytltatpknalevagyahgipnaiftlnlsapfcvelykdamslllhtni  
lfgneeeafhlakvhnlvaaekvalsvankehavvctgalrlltagqntgatklvmmtrghnpviaaaeqta  
gtvvvhevvgvpvaaekivdtngagDafvvggflyglsggktvkqcmcgnaqaqdvihvgfslsftslpc

>1Y9M\_A

fnydqpyrgqyhfspqknwmnDpnlglllyhngtyhlffqynpggiwegniswghaisedlthweekpvallarg  
fgsdvtemyfgsavadvnntsgfgkdgktplvamytsyypvaqtlpsgqtvqedqqsqsiayslddglwtwt  
ydaanpvipnppspyeaeyqnfrdpfvfwhdesqkwvvvtsiaelhklaiytsdnlkdwklvsefgpynaqgg  
vwEcpglvklpldsgnstkwvitsglpnpgpppgtvgsgtqyfvgefddgttftpdadtvyppgnstanwmwdwgp  
fyaaagynslslndhvhigwmnnwqyganipitypwrsamaiprhmalaktigskatlvgqqpaeawssisnkrpi  
ysrtfktlsegstnttttgetfkvdlsfsakskastfaialrasanfteqtlvgydfakqqifldrthsgdvs  
fdefasvyhgpltpdstgvvklisifvdrssvevfggggettltaqifpssdavharlastgggttedvrad  
kiastw

>3AN1\_A

adelvffvngkkvveknadpettllvylrrklglcgtklgcgeggcgactvmiskydrlnkivhfsvnacla  
picslhhvavttvegigntqklhpvgeriarshgsqcgfctpgivmsmytllrnqpeptveeienafqgnlcr  
ctgyrpilqgfrtfakdgspslfnpedfkpldptqepifppellrlkdtppqklrfegervtwigastmeell  
dlkaqhpdaklvvgnteigiemkfknlflplivcpawipelnsvvhgpegisfgascplslvesvlaeeiakl  
peqktevfrgvmeqlrwfagkqvksvasiggniitaspidlnpvfmasgakltlvsvrgtrrtvrmthtffpg  
yrktllrpeeillsieipyskegeffsafbqasrreadiakvtsgmrvlfpkpgtievqelslcfggmadrtis  
alkttpkqlskswneellqsvcaglaeelqlapdaggmvefrtltlsfffkfytlvqlklgradledmcgk  
ldptfasatllfqkdppanvqlfgevdkdseedmvgrplphlaanmqasgeavycddipryenelslrlvts  
trahakitsidtseakkvpqfvcfltaedvpnsnatglfndetvfakdevtcvghiigavvadtpahaqraar  
gvkityedlpaiitiqdainnnsfygseikiekgdlkkgfseadnvvsgelyiggqehfyletnctiavpkge  
agemelfvstqntmktqsfvakmlgvpdnrvrvkrmgggfggkEtrstvvstalalaahktgrpvrcmlr  
dedmlitggrhpfakylkvqgmktgtvvalvafhsnggntedlsrsimeRalfhmdnaykipnirgtgrick  
tnlpsntafrgfgggpqqmliaeywmsevaitcglpaeevrrknmykegdlthfnqklegftlprcwdeciass  
qylarkrevekfnrencwkkrglciiptkfgisftlpflnqggalvhvytdgsvllthggtemggglhtkmvq  
vasralkiptskihisetstntvpntsptaasasadlngggvyeacqtilkrlepfkktptgpweawvmday  
tsavlsatgfyktpnlgyfsetnsgnpfhfysygvacseveidcltgdhknlrtdivmdvgsslnpaidigq  
vegafvqglglftmeelhyspegsllhtrgpstykipafgsipiefrvslrrdcpnkraiaskavgEpplfla  
ssiffaikdairaaraqhgdnakqlfqldspatpekirnacdvtlcvckswsvri

>1PS9\_A

syplsfapldlgfttlknrvlmgsmhtgleeypdgaerlaafyaerarhgvalivsggiapdlgtvgmeggam  
lndasqiphhrteavhqegqkialqilhtgrysyqphlvapsalqapinrfvphelsheelqlidnfar  
aqlareagydgvevmgsegYlinefltlrtnqrsdqwggyrnmrfavevvrvavrervgndfiiiyrlsmld  
lvedggtfaetvelaqaieaagatiintgigwHeariptiatpvprgafswvtrklkghvslplvttnrindp  
qvaddilsrgdadmvsmarpfladaellskaqsggradeintcigcnacldqifvgkvtsclynprachetkm  
pilpavqkknlavvgagpaglafainaaarghqvtlfdahseiggqfniakqipgkeefyetlryyrmievt  
gvtlklntvtadqlqafdetilasgivrtpidgidhpkvlsyldvlrdkapvgnkvaiigcggigfdtam  
ylsqpgestsqniagfcnewgidsslqagglspqgmqiprsprqivmlqrkaskpgqglgkttgwihrttll  
srgvkmipgvsvyqkiddgllhvvingetqvlavdnvvcagqepnralaqplidsgktvhliggcdvamelda  
rraiaqgtralei

>1RHC\_A

mktqigyfasleqyrpmdaleqairaekvgfdsvvwddHfhfWyhdnaqsaqawawmgaalqatkkvfistci  
tcpimrynpaivaqtfatlrqmyprgvgvavgagEamnevptgewpsvpvrqdmteavkvrmrlwesdkpv  
tfkgdyftldkaflytkpddevplyfsgmgpgkaklagmygdhlmtvaaapstlknvtipkfeegareagkdp  
skmehamliwysvdpdydkavealrfwagclvpsmfkykvydpkevqlhanlvhcdtikenymcatdaeemik  
eierfkeaginhfclgnsspdvnfgidifkevipavrd

>1DKI\_D

dqnfarnekeakdsaitfiqksaaikagarsaedikldkvnlggelsgsnmyvynistggfvivsgdkrspei  
lgystsgsfdvngkeniasfmesyveqikenkkldstyagtaeikqpvvkslldskgihynggnpynlltpvi  
ekvkpgeqsfvgqhaatgSvatataqimkynypnkgldytytlssnnpynfhnknlfaaistrqynwnnil  
ptysgresnvqkmaiselmadvgisvdmidygpssgsagssrvqralkenfgynqsvhqinrgdfskqdweaqi  
dkelsqnqpvyqqgvkvvggHafvidgadgrnfyhvnwggvgvsdgffrldalnpisalgtgggaggfngyqsa  
vvgikp

>1USH\_A

mklqlrgvalallttftlasetalayeqdktkykitvlhtndhhghfwrneygeyglaaqktlvdgirkevaae  
ggsvlllsggdintgvpesdlqdaepdfrgmnlvgydamaigNHefDnpltvlrqqekwakfpllsaniyqks  
tgerlfkpwalfkrqdlkiaaviglttdtakignpeyftdiefrkpadeaklviqelqqtkepdiiaaathmg  
hydngghgsnapgdvemaralpagslamivgghsqdpvcmaaenkkqvdyvpgtpckpdqqngiwivqahewg  
kyvgradfefrngemkmvnyqlipvnllkkkvttwedgkservlytpeiaenqqmisllspfqnkkgkaqlevkig  
etngrlegdRdkvRfvqtnmgrlilaagmdrtgadfavmsgggiRdsieagdisyknvlkvqpfgnvvvyadm  
tgkevidyltavaqmkpdsagaypafanvsfvakdgklndlkikgevpdpaktyrmatlnfnatggdgyprldn  
kpgyvntgfidaevlkayiqksspldvsvyepkgevsqw

>1R44\_B

meigftfldeivhgvrwdak yatwdnftgkpv dgyevnrivgt yelaesllkakelaatqgyglllwdgyRpk  
ravncfmqwa aqpennltkesyypnidrtemiskgyvasksshrgsaidltlyrldtgelvpmg srfdmde  
rshhaangiscneaqnrrrlrsimensgfeayslEwwhyvlrdepypnsyfdfpvk

>1L6P\_A

glfdapgrsqfvpadqafafdfqgnqhdl nltwqikdgyylyRkqiritpehakiadvqlp qgvwheDeFYgk  
seyrdr ltlpvtinqasagatlvtvyqgCadagfCyp petktvplsevv an

>1REQ\_A

stlprfdsvdlgnapvpadaarrfeelaakagtgeawetaeqipvg tlfnedvykdm dwldtyagippfvhgp  
yatmyafrpwtirqYagfstakesnafyrrnlaagqkglsvafdlp thrgydsdnprvagdv gmagvaidsiy  
dmrelfagipld qmsvsmtmngavlpilalyvvtaeeqgvkpeqlagti qndilkefmvrnty iypqpqsmri  
iseifaytsanmpkwnsisisgyHm qeagatadiemaytladgvdyiragesvglnvdqfaprlsffw gigmn  
ffmevaklraarm lwaklvhqfgpknpksmslrthsqts gws ltaqdvynnvrtcieamaatqg htqslhtn  
sldeaialptdf sariarntqlflqgesgttrvidpws gsayveeltwdlarkawghi qevkvvgmakaiek  
gipkmrieaaaartqaridsg rqp ligvnkyrleheppldvlkvdnstvlaeqkaklvklraerdpek vkaal  
dkitwaagnpddkdprnllklcidagramatvgemdalekvfgrytaqirtisgvyskev kntpeveeare  
lveefeqaegr rprillaKmgqDgHdrgqkviataYadlgfdvdvgplfq tpeetarqaveadvhv gvslla  
ggHtltpalrkel dklgrpdilitvggvipeqdfdelrkd gaveiytpgtvipesaislvkklraslda

>1XGM\_A

mdteklmkageiakkvrekaiklarpgml llllelaesiekmimelggkpa fvpvnlsineiaa hytpykgdttvl  
kegdylkidvgvhidgfiadtavtvrv gmeedelmeaakealnaaisvaragveikelg kaieneirkrgfkp  
ivnlsg hkieryklhagisipniyrphdnyvlkegdvfaiEp fatigagqviev pptliymyvrdvpvrvaqa  
rfl lakikreygtlpfayrwlqndm pegqlklalktlekagaiygy pvlkeirngivaqfehtiivekdsviv  
tte

>3KBB\_A

vppslrlpvieaafprqlhpywpklqett rtwllekrlmpadkveeyadglcytdl magyy lgapdevlqaia  
dysawFFvwddrhdrdivhgragawrrlrgllhtaldspgdhlh hedtlvagfadsvrrlyaf lpatwnarfa  
rhfhtvieaydrefhnrt rgivpgeeylelrrltfahwiwtdllepssg celpdavrkhpayrraallsqefa  
awyNd lclslpkeiatleeaigevrrrveeciteflaverdalrfadeladgtvrgkels gavrangvnmrnWF  
ssvywf hhesgry

>1AST\_A

aailgdeylwsggvipytfagvsgadqsails gmqeleektcirfvprttesdyveiftsgsgcwsyvgrisg  
aqqvslqangcvyhg tiihElmhaigfyhehtrmdr dnyvtinyqnvdpsmtsnf didtysryvgedyqyysi  
mhYgkysfsiqwg vletivplqngid ltdpydkahmlqtdanqinnlytne csl

>1PJA\_A

mlglwgqrlpaawvllllpflplllla apaphrasykpvi vvHgLf dssysfrhlleyinethpgtvtvldl  
fdgreslrplweqvqgfreavvpimakapqgvh licySQgglvc rallsvmddhnvdsfislssp qmgqygdt  
dylkwlfptsmr snlyricyspwgqefsicnywhdphhddlyln assflalingerdhpnatvwrknflrvgh  
lvliggp dDg vitpwqssffgfydanetvlemeeqlvylrdsf glktllargaivrcpmagisHtawhsnrtl  
yetciepwls

>1U5U\_B

wknfgfeifgekygqe elekrikdehtpppdspvf ggklklkkek fktlftlgttlkgfrraTHtvtg ggig  
eitivndpkfpehefft agrtfparlrhanlkypddagadarsfsikfadsdsdgpldivmNtgeanifwnsp  
sle dfvpveegdaaeeyvyknpyyyynlvealrrapdtfahlyyYsqvtmpfkakdgkvrycryalpgdvdi  
keedesgrltee eqrkiwifsrhenekrpddylrkeyverlqkgpvnyrlqiqi heaspddtatifhagilwd  
kethpwfd lakvsikt plspdvlektafnianqpaslg lleakspedynsigelrvavytwvqh lrlklkigsl  
v

>1CBX\_A

arstntfnyatyhtldeiydfmdllvaehpqlvsklqigrsyegrpiyv lkfstgg snrpaiwidlgihsrew  
itqatgvwfakkftenygnpsftaildsmdif leivtnpngfafthsenrlwRktrsvtssslcvgvdanrn  
wdagfgkagassspcsetyhgkyansevevksivdfvknhgnfkaf lsihsysqllllypygyttq sipdktel  
nqvaksavaalkslygtsykygsiitti yqasggsidwsynqgikysftfElr dtgrygfl lpasqi iptaqe  
twlgvlt imehtvnn

>1APX\_A

gksyptvspdyqkaiekakrklrgfiaekkkcaplilRlawHsagtfdsktktggpfgtikhqaelahgaNngl  
diavrlllepikeqfpivsyadfyqlagvvaveitggpevpfhpgredkpepppegrlpdatkgsdhldrdfvgk  
amglstdqdivalsgghtigaahkerssgfegpwt snplifdnsyftelltgekdglqlpsdkalltdsvfrpl  
vekyaaddevffadyaeahlkltselgfaea

>1FX2\_A

nnnapkeptdpvtlftdiesstalwaahpdlmpdavaahrmvrsliigrykcyevktvgdsfmiaskspfa  
avqlaqelqlcflhhdwgtalddsyrefeeqraegeceytpptahmdpevysrlwnglrvrvgihtglcdir  
hdevtkgydyyygrtpnmaaRtesvangggqvlmthaaymslsaedrkgidvtalgdvalrgvsdpvkmyqlntv  
psrnfaalrldreyfd

>1DCT\_A

mnllslfsgaggldlgfqkagfriicaneydksiwktyesnhsaklikgdiskissdefpkcdgiiggppCqs  
wsegslrgiddprgklfyeyirilkgkkipfflaEnvkgmmaqrhnkavqefiqefdnagydvhiillnand  
ygvaqdrkrvfyigfrkelnynlppiphlikptfkdvwdlkdnpipaldknktngnkciypnheyfigsys  
tifmsrnrvrqwnepaftvqasgrqcqlhpgapvmlkvsknlkfvegkehlyrrltvrecarvqgfpdddif  
hyeslndgykmignavpvnlayeiaktiksal

>1GCB\_A

msssidiskinswnkefqsdldthqlattvlknynaddallnktrlqkqdnrvfntvvstdstpvtnQkssgrC  
wlfaatnqlrlnlvselnlkefelsqaylffydikleanyfldqivssadqdidslrvqyllaaptedggqys  
mflnlvkkkyglipkdlygdlpysttasrkwnslttklrefaetlrtalkersaddsiivtlreqmqreifr  
mslfmdippvqpneqftweyvdkdkkihtikstplefaskyakldpstpsvslindprhpygklikidrlgnvl  
ggdaviylnvdnetlsklvkrqlqnnkavffgshtpkfmdkktgvmldielwnypaigynlpqqkasriryhes  
lmtHamlitgchvdetsklplryrveNswgkdsgkdglyvmtqkyfeeycfqivvdinelpkelaskftsgke  
epivlpiwdpmgalak

>1BG6\_A

miesktyavlglnngghafaaylalkgqsvlawdidaqrikeiqdrgaiiaegpglagtahpdltsdiglav  
kdadvilivvpaihasiaaniaisyisegqliilnpgatggalefrkilrengapevtigetssmlftcrser  
pgqvtvnaikgamdfaclpaakagwaleqigsvlpqyvavenvlhtsltnvnavmHplptllnaarcesgtpf  
qyylegitpsvgslaekvdaeriaiakafdlnvpsvcewykesyggspatiyeavqgnpayrgiagpinlnt  
yffeDvstglvplselgravnvptplidavldlisslidtdfrkegrtleklglsgltaagirsave

>1DL2\_A

gagemrdriesmfleswrdyskhgwydyvgpiehtshnmprgnqplgwiivdsvdtmlmynsstlyksefe  
aeiqrsehwindvldfdidaevnvfEttiRmlggllsayhlsvlevgnktvylnkaidlgdrlalafstqt  
gipyssinlhsgqavknhadggasstaefttlqmefkylayltgnrtywelvevryeplyknndllntydgvl  
piytfpdtgkfgastirfgsrgDsfiyellkqyllthetlydydlyrksmegmkkhllaqskpsslwyigereq  
glhgqlspkmdhlvcfmggllasgsteglsihearrrpffsksdwdlakgitdtcyqmykqsssglapeivvf  
ndgnikqdgwwrsvvgdffvkpldrhnlqrpEtvesimfmyhlshdhkyrewgaeiatsffentcvcndpkl  
rrftslsdcitlptkksnnmesfwlaetlkylyilfldefdltkvvfnteahpfpvldeeilksqslttgws

>1JOA\_A

mkvivlgssHggyeaveellnlhpdaeiqwyekgdfisflscgmqlylegkvkdvnsvrymtgekmesrgv  
fsnteitaiqpkehqvtkdlvsgeervenydkliispgavpfeldipgkdldniylmrgrqwaiklkqktvd  
pevnvvvvgisgyigieaaefakagkkvtvidildrplgvyldeftdvlteemeannitiatgetveryeg  
dgrvqkvvtldknaydadlvvvavgvprntawlkgtlelhpnqliktdeymrtsepdvfavgdalikynpadt  
evnialatnaRkqgrfavknlepvkpfpgvqgssglavfdykfastginevmaqklgketkavtvvedylmd  
fnpdkqkawfklvydpettqilgaqlmskadltaninaislaiaqakmtiedlayadffffqpafdkpwniinta  
aleavkqer

>1K3P\_A

adtkakltlngdtaveldvlkgtlgqdividirtlgskgvftfdpgftstascskitfidgdegillhrgfpi  
dqlatdsnylevcyillngekptqeqydefkttvtrhtmiheqitrlfhafrdshpmavmcgitgalaafyh  
dsldvnnprhreiaafrllskmptmaamcykysigqpfvyprndlsyagnflnmfstopcepyevnpileram  
drililhadheqnaStstvrtagssganpfaciaagiaslwgaHgganeaaalkmleeissvkhipeffrrak  
dkndsfrlmgfgHrvyknypatvmretchevlkelgtkddllelamelenialndpyfiiekklypnvDfys  
giilkamgipssmftvifamartvgwiahwsemhsdgmkiarprqlytgyekrdfsdkr

>1IVD\_A

veyrnwskpqcqitgfapfskdnairsagsagdiwvtrepyvscdpvkcyqfalgggttldnkhsndtvhDrip  
hrtllmnelgvpfhlgrqvciawsssschdgkawlhvciatgddknatasfiydgrlvdsigswsQnilrtqe  
secvcingtctvmtdgsasgradtrilfieegkivhisplagsaqhveEcscyprypgrvcicrdnwkgnsr  
pvvdinmedysidssyvcsqglvgdtprnddrssnsncrdpnnerggtggvkgwafdnngndlwmgrtiskdlRsg  
yetfkviggwstpnksqinrqvividsdnrgysgifsvegkscinrcfyvelirgrkqetrvwwtsnsivvf  
cgtsgtygtgswpdganinfmpi

>2WK8\_B

lpdfiqnkidhyienyfdinkngkhlvlvgkqasppdiilqsndylalanhplikarlakslleiekrlakftg  
fdecllsqsgwnanvgllqcticqpntnvdyidffaHmslwegaryanaqahpfmhnncdhlrmliqrhpggiiv  
vDsiystlgtiaplaelvniskefgcallvDesHslgthgpngagllaeltrevhfntaslaKtfayraga  
iwcnevnrcvpfisypaifssstllpyeaaglettleiiesadnrrqhldrmarklriglsqglgtirsesqi  
igletgderntekvrdulesngvfgsvfcrpatsknkniirlslnsdvndeqiakiievcsvdavyngdfyfr

>2HDH\_A

kiivkhvtviggglgagiazvaaatghtvvlvdqtedilakskkgieeslrkvakkkfaenpkagdefvaktl  
stiatstdaasvvhstdlvveaivenlkvknelfkrldkraaehtifasntSslqitsianattrqdrfaglH  
ffnpvpvklvEviktptsqktfeslvdfskalghpvsckdtpgfivNrllvpyleairlyergdaskedidt  
aklgagypgpfelldyvgldttkfivdgwhedaenplhqpspslnklvaenkfgkktgegfykykaa

>1NLU\_A

aagtakghnptefptiydassaptaanttvgiitiggvsqtlqdlqqftsanglasvntqtiqtgssngdysd  
dqqgggEwdlDsqsisvgsaggavqqllfymadqsasngtqgtqafnqavsdnvakvinvslgwceadanadgt  
lqaedrifataaaagqgtfsvssgDegvyecnnrgypdgstysvswpasspnviavggttlyttsagaysnetv  
wnegldsngklwatgggysvyeskpswqsvvsgtpgrrllpdisfdaaagtgaliynyggqlqqiggtSlaspi  
fvglwarlqsansnslgfpasfysaisstpslvhdvksngnngygygynagtgdwpytgwgsldiaklsayi  
rsngf

>1ITQ\_A

dffrdeaerimrdspvidghndlpwqlldmfnnrlqderanlttlagthtnipklragfvggqfwsvytpcdt  
qnkdavrrtleqmdvvhmcrmypetflyvtssagirqafregkvasligveggshidsslgvlralyqlgmr  
yltltHscntpwadnwlvdtdgsepqsqglspfgqrvvkelnrlgvlidlavsvatmkatlqlsrapvifsh  
ssaysvcasrrnvpddvlrlvkqtdslvmvnfyynnyisctnkanlsqvadhldhikevagaravgfggDfdgv  
prvpegledvskypdliaellrrnwteaevkgaladnllrvfeaveqasnlqtapeeepipldqlggscrthy  
gyss

>1MLA\_A

mtqfafvfpgqgsqtvgmldmaasypiveetfaeasaalgydlwaltqqgpaeelnktwqtqpalltasval  
yrvwqqqggkapammaghSlgeysalvcagvidfadavrlvemrgkfmqavpegtgamaaiiglddasiaka  
ceaaaegqvvpvnfnspgqvviaghkeaveragaackaagakralplpvsvpsHcalmkpaadklavelaki  
tnaptvpvvnndvkcetngdairdalvrQlynpvqwtksveymaaqqvehlyevgpgkvltgltkrivdtl  
tasalnepsamaaaalel

>1THF\_D

mlakriiaclDvkdgrrvkgnsfenlrdsgdpvelgkfyseigidelvfllditasvekrktmllelvekvaeqi  
dipftvggghdfetaselilrgadkvsintaavenpslitqiaqtfgsqavvvaiDakrvdgefvmvftysgk  
kntgillrldwvvevekekgageilltsidrdgtksgydtemirfvrplttlpiiasggagkmehfleaflagad  
aalaasvfhfreidvrelkeylkkhgvnrlegl

>1CEV\_B

mkipisiigvpmldlgqtrrgvdmgpsamryagvierlerlhydiedlgdipigkaerlheggdsrlrnlkavae  
aneklaaavdqvvqrgrfplvlggdhsiaigttagvakhyerlgviwydahgDvntaetspsgnihgmplaas  
lgfghpaltqiggyspkikpehvvligvrsldegekkfirekgikiytmhevdrldgmtrvmeetiaylkertd  
gvhlslldldgldpsdapgvgtpviggltyreshlamemlaeaqiitsaefvEvnpildernktasvavalmg  
lfgeklm

>1AFR\_A

mpprevhvqvthsmppqkieifksldnwaeenilvhlkpvekcWppqdflpdpasdgfdeqvrelrerakeip  
ddyfvvlvgdmiteealptyqtmntldgvrddetgasptswaiwtrawtaeenrHgdllynkylylsgrvdmrq  
iektiqligsgmdprtenspylgfiytsfqeraTfishgntarakehgdiklaqicgtiaaDekrhetayt  
kiveklfeidpdgtvlfafadmrrkkismpahlmydgrddnlfdfhsavaqrlgvvytakdyadileflvgrwk  
dkltglssaegqkaqdyvcrlpprirrleeraaggrakeaptmpfswifdrqvk



>1FOH\_A

tkysesycdvlivgagpaglmaarvlseyvrqkpdldkvriddkrstkvynnggaDglqcrstleslknlgldadki  
lseandmstiallynpdenghirrtdripdtlpgisryhqvvlhggrierhildsiaeisdtrikverplipek  
meidsskaedpeaypvtmtlrymsdhestplqfghktenslfhsnlqtqeedanyrlpegkeageietvhck  
yvigcdgghswvrrtlgfemigeqtdyiwgvldavpasnfpdirsrcaihsaesgsimiipRennlvrfYvql  
qaraekggrvdrtkftpevvianakkifhpytfdvqqldwftayhigqrvtekfskdervfiagdachthspk  
agqgmntsmmdtynlgwklglvltgrakrdilkyeerhafafaqidfdhqfsrlfsgrpakdvademgvsm  
dvfkeafvkgnefasgtainydenlvtdkksskqelakncvvgtrfksqpvrhseglwmhfgdrlvtdgrfr  
iivfagkatdatqmsrikkfsayldsensvislytpkvsdrnsridvitihschrddiemhdfpapalhpkwq  
ydfiyadcdswhhphpkisyqawgvdetkgavvvvrpdgytslvtldlegtaeidryfsgilvepkeksgaqtea  
dwtksta

>1KP2\_A

ttilkhlpvgqrigiafsggldtsaallwmrqkgavpyaytanlgqpdeedydaiprrameygaenarlidcr  
kqlvaegiaaiqcga fhnttggltyfnttplgRavtgtmlvaamkedgvniwgdstykgnDierfyrigl  
naelqiykpwltdtdfidelggrhemsefmiacgfdykmsvekaystdsnmlgatheakdleylnssvkivnpi  
mgvkfwdesvkipaeevtvrfeqghpvalngktfsddvemmleanriggrhglgmsdqienriieaksrgiye  
apgmallhiayerlltgihneditieqyhahgrqlgrllyqgrwfdsqalmlrdsqqrwvasqitgevtlelrr  
gndysilntvsenltykperltmekgdsfspddrigqltmrnltditdtreklfgyaktgllsssaasgvppv  
enlenkgqsvehhhhh

>1EZ1\_B

tllgtalrpaatrvmllgsgelgkevaiecqrlgveviavdryadapamhvahrshvinmldgdalrrvvele  
kphyivpeieaiatdmlileeglnvvpcaratkltnregirrlaaeelqlptstyrfadse selfreavad  
igypcivkpvmssSgkgqtfirsaeqlaqawkyaqgggragr vivegvkfdfaitlltvsavdgvhfcapvg  
hrqedgdyreswqpqqmsplaleraqeiarkvvallggyglfgvelfvcgdevifsevsprphDTgmvtlisq  
dlsefalhvraflglpvvggirqygpaasavilpqltsqnvtfdnvqnavgadlqirlfgkpeidgsRrlgval  
ataesvdaierakhaagqvkvqg

>1ZOI\_B

syvttkdgvqifykdwgprdapvihfhhgWplsaddwdaqllfflahgyrvvahdrgrghgrssqvwgdhmdh  
yaddvaavvahlgigqgavhvghSTgggevvrymarhpedkvakavliAavpplmvqtpgnpgglpksvfdgfg  
aqvasnraqfyrdvpagpfygyrnpgveasegiignwrrqgmigsakahydgivafsqtdftedlkgiqqpvl  
vmhgddDqivpyensgvlsakllpngalktykgypHgmptthadvinadllafir

>1DCO\_A

magkahrlsaeerdqllpnlravgwnelegrdaifkqfhfkdfnrafgfmtrvalqaekldHHpewfnvynkv  
hitlsthEecaglsrDinlasfievavsm

>1D8T\_A

skekfertkphvnvgtighvDhgkttltaaaitvlaktyggaarafdqidnapeekargitintshveydtp  
rhyahvdcpgghadyvknmitgaaqmdgailvvaatdgpmpqtrehillgrqvgvpyiivflnkcdmvddeell  
elvemevrellsqydfpgddtpivrgsalkalegdaeweakilelagfldsyipeperaidkpfllpiadvfs  
isgrgtvvtgrvergiikvgeeveivgiketqkstctgvemfrklldegragenvgvllrgikreeiergqvl  
akpgtikphtkfesevylskdeggrhtpffkgyrpqfyfrtttdvtgtielpegvemvmpgdnikmvvtlihp  
iamddglrfaireggrtvagavvakvl

>1MLW\_A

svpwfpkkisdldhcanrvlmygseldadhpgfkdnvyrrkyfadlamnykhgdpipkvefteeeiktwtg  
vfrelnklypthacreylnlpllskygyrednipqledvsnflktertgsirpvagylsprdflsglafrv  
fhctqyvrhssdpfytpedtcHellghvpllaepsfaqfsqeiglaslgaseeavqklatcyfftvefglck  
qdgqlrvfagallSsiselkhalsghakvpfdpkitckqeclittfqdvfyfvsesfedakekmreftkti

>1QD1\_A

sqlvecvpnfsegknqevidaistravaqtpgcvllldvdsqgstnrtvytfvgrpedvvegalnaaraayqlid  
msrhhgeHprmgaldvcpfipvrgvtmdecvrcaqafgqrlaeelgvpylygeaartagrqlpalrageye  
alpeklkqaewapdfgpsafvpswgatvagarkfllafninllstreqahrialdlreqgrlkkvqagwyl  
deknlaqvstnlldfevtglhtvfeetcreaqelslpvvgsqlvlgvplkalldaaafycekenlflldqdehr  
irlvvnrlgldslapfkpkeriieylv

>1CDG\_A

apdtsvsnkqnfstdviyqiftdrfsdgnpannptgaafdgtctnlrlycggdwggiinkindgyltgmgtva  
iwisqpveniysiinysgvnntayhgywardfkktnpaygtiadfqnliaaahaknikviidfapnhtspass  
dqpsfaengrlydngtllggytndtqnlfhnggtdfsttengiyknlydladlnhnnstvdvylkdaikmwl  
dlgidgiRmDavkhmpfgwqksfmaavnnykpvftfgEwflgvnevspenhkfanesgmslldrfaqkvrqv  
frdntdnmyglkamlegsaadyaqvddqvtfidnHDmerfhasnanrrkleqalaftltsrgvpaipygteqy  
msggtdpdnraripsfststtayqviqklaplrlkcnpaiaygstqerwinndvliyerkfsgnsavvavnrl  
napasisglvtslpqgsyndvlggllngntlsvsgsgaasnftlaaggtavwqytaatatptighvgpmmakp  
gvtitidgrgfgsskgvtvyfgttavsgaditswedtqikvkipavaggnynikvanaagtasnydnfevlsg  
dqvsrfrfvnnattalgqnvyltgsvselgnwdpakaigpmynqvvyqypnwyydvsvpagktiefkflkkqg  
stvtweggsnhtftapssgtatinvnwqp

>1HY3\_A

mnseldyyekfeevhgilmkykdfvkywdnveafqarpddlviatypKsgttwvseivymiykegdvekckedv  
ifnripflecrkenlmngvkqldemnsprivktHlppellpasfwekdckiiylcrnakdvavSfyyfflmva  
ghpnpgsfpefvekfmgqgvpygswykhvkswwekgksprvlflfyedlkedirkeviklihflerkpseelv  
driihhtsfqemknpstnyttlpdeimnqklspfmrkgitgdwnhftealnekfdkhyeqqmkestlkfrt  
ei

>1NDO\_A

mnynnkilvsesglsqkhlihgdelfqhelktifarnwflthdsliapagdyvtakmgidevivsrqndgs  
iraflnvcrhrgktlvsveagnakgfvcsyHgwgfsgngelqsvpfekdlygeslnkkclglkevarvesfhg  
fiygcfdqeapplmdylgdaawylepmfkhsgglelvpgpvkvikankapaenfvgDayHvgwthasslrs  
gesifsslagnaalppeaglgqmtskygsgmgvlwdgygsvhsadlvpelmafggakqerlnkeigdvvari  
rshlnctvfpnsmלטcsgvfkwnpidanttevwtiaivekdmpedlkrlladsvqrtfgpagfwsddndn  
metasqngkkyqsrdsdllsnlgfgedvygdavypgvvgksaigetsyrgfyrayqahvsssnwaefehasst  
whtelktktdr

>1BE1\_A

mekktivlgvigsDcHavgnkildhsftnagfnvvnnigvlssqedfinaaietkadlicvsslygggeidckg  
lrekdeaglgkiklflvggnivvgkqnwpdveqrfkamgfdrvyppgtspettiadmkevlge

>1F07\_B

mkfgiefvpnepiekivklvklaedvgfeyawitdHynnknyetlaliaegtetiklgpgvtnpyvrspait  
asaiatldeisngratlbigpgDkatfdalgievwkpvstirdaiammrtllagektesgaqlmgvkavqeki  
piymgaqgpmmlktageisdgalinasnpkdfaaavplikegaeaagksiadidvaaytccsidedaaaaana  
akivvafiaagspppvferhglpadtgkkfgellgkgdfggaigavddalmeafsvvgtpdefipkiealgem  
gvtqyvagspigpdkeksikllgeviasf

>1BRM\_A

mknvgffigwrgmvgsvlmqrmveerdfairpvffstsqlgqaapsfggttgltqdafdlealkaldiivtcq  
ggdytneiypklresgwqgywidaasslrmkddaiiildpvngdvtidglnngirtfvggnCtvslmlmslgg  
lfandlvdvsvatyQaasgggarhmrelltqmghlyghvadelatpssaildierkvttltrsgelpvdfng  
vplagslipwidkqldngqsreewkgqaetnkilntssvipvdglcvrvgalrcHsqaftiklkkdvsiptve  
ellaahnpwakvvpndreitmreltpaavtgtlttvpvgrlrlklmngpeflsaftvgdqlllwgaaeplrmlrq  
la

>1BWL\_A

sfvkdfkppalgdtnlfkpiikignnellhravipplTrmralhpgnipnrdwaveyytqraqrpgtmiitega  
fispqaggydnagpvwseeqmvewtkifnaihekksfvwqlwvlgwaaafpdnlardglrydsasdnvfmdae  
qeakakkannpqhsltkdeikqyikeyvqaaknsiaagadgveiNsaHgYllnqfldphsntrtdeyggsien  
rarftlevvdalveaighekvglrlspygvfnsmsggaetgivaqayvagelekrakagkrlafvhlveprv  
tnpfltegegeyeggsndfvysiwkgpviragnfalhpvreevdkdrtligygrffisnpsdlvdrlekglp  
lnkydrdtfyqmsahgyidyptyeealklgwdks

>2GGE\_A

lvkivrietfplfhrlekpygdangfkryrtcyliiriitesgidgwgecvdwlpalhvgftkriipfllgkqa  
gsrslsvrtiqkwhqraasavsmalteiaakaadcsvcelwggyreeipvyasfqsysdspqwirsrvsnve  
aqlkkgfeqiKvKiggtsfkedvrhinalqhtagssitmildaNqsydaaaafkweryfsewtnigwleelp  
fdqpqdyamlrsrlsvpvaggenmkgpaqyvpllsqrcldiiqpDvmhvngidefrdclqlaryfgvRasaHa  
yDgslsrlyalfaqaclpPwsKMkndhiepiewdvmenpftdlvslqpskgmvhipkgkgigteinmeivnry  
kwdgsaye

>1ADN\_A  
mkkatcltddqqrwqsvlarpnadgefvmfavrttgifcrpscrarhalrenvsfyanasealaagfrpCkrcq  
pdkanprqhrldkithacr  
>1THT\_A  
mnnqcktiavhlrvnngqelhwetppkenvpfknntiliasgfarrmdhfaglaeylstngfhvfrydslhh  
vglssgsideftmttgknscltvyhlwtktgtnigliaaSlarvayevisdlelsflitavgvvnldrtdle  
kalgfdylslpidelpndldfeghklgsevfvrdfcfehhwdtldstldkvantvpliaftannddwvkqeev  
ydmlahirtghcklyslgssHdlgenlvvlrnfyqsvtkaaiaamdgggleidvdfiepdfeqltiatvnerr  
lkaeienrtpema  
>1N2C\_G  
amrqcaiygKggigKstttqnlvaalaemgkkvmivgcdpKadstrlilhskaqntimemaaeagtvedlele  
dvlkagyggvkcvsggpepgvgcagrgvitainfleeegayedldfvydvlgDvvcggfampirenkage  
iyivcsgemmamyaanniskgivyansgsrvlrgglicnsrntdredeliialanklgtqmihfvprdnvvqr  
aeirmtvieydpkakqadeyralarkvvdnkllvipnpitmdellellmefgim  
>1N2C\_D  
sqqvdkikasypflfdqdykdmlakkrdgyeekypqdkidevfqwtttkeyqelnfqrealtvnpakacqplg  
avlcalgfektmypvhgsggcayfrsyfnrhfrepvscvsdmtedaavfggqqnmkdglqncatykpdm  
avsttCmaeVigddlnafinnskkegfipdefvpvfahtpsfvgshvtgwdnmfegiaryftlksmdkdvgs  
nkkiniyvgfetylgnfrvikrmlsemvgysllsdpeevldtpadggqfrmyaggttqeemkdapnalntvll  
qpwhlektkkfvegtwkhevplknipmgldwtdeflmkvseisggpipasltkergrlvdmmtdshtwlhgkr  
falwgdpdfvmglvkfllelgcepvhilchngnkrwkkavdailaaspygknavyigkdlwhlrsylvftdkp  
dfmignsygkfiqrtdtlhkgkefevplirigfpifdrhhhrsttlgyegamqilttlvnsilerldeetrgm  
qatdynhdlvr  
>1FCQ\_A  
tpdnktvrefnvynvptfmchkyglrfeevsekygilqnwmkfrgeeiaailydpgmfpallkdpngnvva  
rnggvplgnltkhlqvfrdhlinqipdksfpgvgviDfEswrpifrqnaslqpykksvevvrrehpfwdd  
qrveqeakrrfekyqqlfmeetlkaakrmrpaanwgyYaypynltpnqpsaqceattmqendkmswlfese  
dvllpsvYlwrnltsgervglvggrvkealriarqmttsrkkvlpwykyqdrdtdlsradleatlrkitd  
lgadgfiiWgssddintkakclqfreylannelgpavkrialnnandrltvdvsvdqv  
>2DCY\_E  
astdywnwtdgggnavngsggnysvnwsntgnfvvgkgwttgspfrtinynagvwapngngyltlygwtr  
spliEyyvvdswgtyrptgtkygtvksdggtydiytttrynapsidgdrttftqywsvrqskrptgsnatitf  
snhvnawkshgmnlgsnwayqvmatEgyqssgssnvtvw  
>1QQG\_A  
dtsslivedapdhvrpyvirhysharavtvdqtlyrfyvtgppssgyaftlmgtnaphsdalgvlpkihqkhyE  
nfycnkgfqlwaqsgnetqqrtrvlssgdygsvprnvthtfqiqdpdtemtgviivpggfedlfyylgtnatdt  
thttypipsssdsssttgpdssstistlqsfdvyaelsftprtdtvtngtapantvwhgtanalastagdpfyfian  
gwgpkylnsqygyqivapfvttatqaqdnlytlstismsttpstvtvptwsfpgacafqvqegrvvvqigdyaa  
telgsgdvafipggvefkyyseayfskvlfvssgsdglqnlvnggeewssvsfpadw  
>1RPT\_A  
kelkfvtlvfRHgdRgpietfpndpikesswpqggfqltkwgmqghyelgsyirrrygrflnnsykhqdyvir  
stdvdRtlmsamtnlaalfppegnsiwnprllwqpipvhtvslsedrlllylpfrdcprfqelksetlkseefl  
krlqpyksfidtlpslsgfedqdlfeiwrsrlydplycesvhnftlptwatedamtklkselsllslygihk  
qkeksrlqggvlnvneilknmklatqpqkarklimysaHDttvsglqmaldivyngllppyaschimelyqdngg  
hfvemyrnetqnepyppltlpgcthsplekfaelldpvipqdwatecmg  
>4DDV\_B  
avnskyhhsincgglntdernerglpcevclpedspdiyrallerktlkeyrfyhefwneyedfrsffkkk  
fgkdltyqrlwakrivqgksftmvaptgvgtktfgmmtalwlarkgkksalvfptvtlvkqtlerlqlklade  
kvkifgyssmkkeekfeksfeddyhilvfstqfvsknreklsqkrfdvfvddvdavlkasrnidtlm  
mvgipeeiirkafstikqgkiyerpknkpgilvssatakprgirplllfrdlldnftvgrlvsvarnithvri  
ssrskeklvelleifrdgilifaqteeegkelyeylkrfkfnvgetwsefeknfedfkvgkiniligvqayyg  
kltrgvdlperikyvivfgtpsmrfsleldkaprfvlarvlkemglikaqenpdveelrkiakehltqkefve  
kvkemfrgvvkdledeliipdvtyiqasgrssrilngvlvkgvsvifeedeeifeslktllliaeeeeie  
eaeankelvheveesrrrrsereltdtsrsliliivEsptkaetlsrflgrassrkerniivheavtgegvilf

tatrghvydlvtkggihgveeengkfvpyvynslkr crdcgyqftedrdecpcvsskniddktetlralreisl  
eadeilvatdpdvegekiswdvtqyllpstrslrriemheitrygfkkaresvrfvdfnlvkaqivrrvqdrw  
igfelsingklqrfrgrsnlsagrvqstvlgwivereeeeykksekdfllv lengvnlevegkiaddvvtvvelq  
eaeeknplppytssalseisqklrlgvqevmdilqdlfekgfitYhRtdstrislegqnvartylrkigke  
difmgrswstegaheairpvkpidareleemieegliadltkhlrvyelifnrflasqsaavkvkkqivtvd  
vdgkrmgieqiveilrdgwnlfvpltvsprfehrtykikekkfykkhtvplftqasiveemkkrgigrpstya  
kivevlfrggyvedkykrvrptrfgvmvysylkeryekyvteettrleeimdkvergeedyqatlrlllyee  
ikslmee

>1FR8\_B

gsnltsapvpstttrsltacpeespllvgpmliefnipvdlklveqqnpkvklggrytpmdcisphkvaiiip  
frnrqehlkywlyylhpilqrqqldygiyvinqagesmfnrakllnvgfkealkdydyncfvsdvdlipmnd  
hntyrcfsqprhisvamdkfgfslpyvqyfggvsalskqqflsingfpnnywgwgEdDdiynrlafrgmsvs  
rpnavigkcrmirhsrdkknepnpqRfdriahtketmlsdglnslytmvlevqryplytkitvdigtps

>1F48\_A

mqlflqnippylfftgkgGvgKtsiscatair laeqgkrvllvstdpasnvvgqvfssqtigntiqaiasvpgl  
leidpqaqaqyrarivdpikgvlpddvssineqlsgactteiaafdeftglltdaslltrfdhiifdtapt  
ghtirllqlpgawssfidsnpegasclgpmaglekqreqyayavealsdpkrtrlvlvarlqkstlqevarth  
lelaaiqlknqylvingvlpkteaandtlaaaiwereqealanlpadlaglptdtlflqpvmvgsalsrll  
stqpvaspssdeylqqrpdipslsalvddiarnehglimlmkgggvgkttmaaaiaavrladmgfdvhltsdp  
aahlsmtlngslnnlqvsridpheeteryrqhvletkgkeldeagkrllleedlrspcteeiavfqafsrvi  
reagkrfvmdtaptghtllllldatgayhreiakkmgekghfttpmllqdpertkvllvtlpettpvleaanlq  
adleragihpwgwiinnsisadtrspllrmraqqelpqiesvkrqhasrvalvpvlaseptgidklkqlagh  
hhhhh

>1A4I\_A

mapaeilngkeisaqirarlknqvtqlkeqvpgftprlailqvgnrddsnylinvKlkaaeigikathiklp  
rtttesevmkyitslnedstvhgflvqlpldsensinteevinaiapekdvdgltsinagrlargdln dcfip  
ctpkgcleliketgvpiagr havvvgrskivgapmhdlllwnnatvttchsktahldeevnkgdilvvatgqp  
emvkgewikpgaividcginyvpddkkpngrkvvgdvaydeakerasfitpvpggvgpmtvamlmqstvesak  
rflekfkpg

>1K82\_A

PElpevetsrrgiephlv gatilhavvrngrlrwpvseeiyr lsdqpvlsvqrraKylllelpegwiiihlgm  
sgslrilpeelppekhdhvd lvmngkvlyrtdprrrfgawlwtkeleghnvlthlgpeplsddfngeylhqkc  
akkktaikpwlmdnklvvgvgniyaseslfaagihpdrlassslae cellarvikavllrsiegggttlkdf  
lqsdgkpgyfaqelqvygrkgepcrvcgtpivatkhqatRatfycrcqk

>1F7U\_A

mastanmisqlkklsiaepavakdshpdvnivdlmrnyisqelskisgvdsslifpalewtntmergdllipi  
prlrikganpkdlavqwaekfpcgdflekveangpfiqfffnpqflaklvipdiltrkedygscklvenkkvi  
iefsspniaKpfHagHlrstiiggflanlyeklgwevirmnylgdwgkqfgllavgferygneaalvkdp  
ihhlfdvyrinkdieeegdsipleqstngkareyfkrmmedgdeekiwkrfrefsiek yidtyarlnikydvys  
gesqvskesmlkaidlfkekglthedkgavlidl tkfnkklgkaivqksdgttlyltrdvgaamdryeky  
hfdkmiyviasqqdlhaaqffeilkqmgfewakdlqhvnmvqgmstrkgtvvfldnileetkekmhev  
mkknenkyaqiehp eevadlvgisavmiqdmqgkrinnyefkwermlsfegdtgpylqyahsr  
lrsvernasgitqekwinadfsllkepaakllirllgqypdvlrnaikthepttvvtylflkthq  
vsscydvlwvagqteelatarlal ygaarqvlyngmrlgltpverm

>1TDE\_A

gttkhskllilgsgpagytaavyaaranlqpvlitgmekggqlttttevenwpgdpndltgpl  
lmermhehatkfeteiifdhinkvdlqnrpfrl ngdngeytc daliiatgasarylglpseeafkgrg  
vsaCatCDGffyrnqkvaviggntaveealysniasevhlihrd gfraekilikrlmdkvengni  
ilhtrntleevtgdqmgvtgvrlr dtqnsdniesldvaglfvaighspntaifegglelengyik  
vqsgihgnatqtsipgvfaagdvm dhiyrqaitsagtgcmaaldaeryldgl

>1PKU\_C

rmeqsfimiKpdgvqrgligdiisrfekkgfylrgmkfmnversfaqqhYadlsdkpffp  
glveyiisgpvva mvwegkdvatgrriigatr pweaapgtiradyavevgrNviHgsds  
vdngkkEialwfp eglawrsnlhpw iye

>1DL5\_A

mreklfwilkkgyvsdhiakafleipreefltksyplsyyvedivlvsyddgeeystsSqpslmalfmewvgl  
dkgmr vleigggtgynaavmsrvvgekglvsvveysrkiceiakrnverlgienvifvcgdgyygvpfespdy  
vifvtvgvdevpetwftqlkeggrvivpinlklrrqpafllfkkkdpylvgnyklete rfitaggnlgnllern  
rkllrefpfnreillvrshifvelvdlltrrlteidgtfyyagpngvveflddrmriygdapeienlltqwes  
cgysrfeylmlhvgynafshiscsi

>1I19\_B

stgvpaplptppnfpndialfqqayqnwskeimldatwvcspktpgdvvrlanwahehdyki rprgamhgwtp  
ltvekganvekviladtmthlngitvntggpvatvtagagasieaivtelqkhdlgwanlpagvlsiggala  
vnahgaalpavgqttlpghtygslnlvteltavvwngttyaletyqrndp ritpllltnlgrcfltsvtmqag  
pnfrqrcqsytdipwrelfapkgadgrtfekfvaesggaEaiwypftekpwmkvwtvsptkpdssnevgslgs  
agslvgkppqarevsgpynyifsdnlpepitdmigainagnpgiaplfgpamyeitklglaatanndiwgws k  
dvqfyikattlrltegggavvtsraniatvindftewfheriefyrakgefplngpvEiRccgldqaadvkvp  
svgpptisatrprpdhpdwdvaiwlnvlvgvpgtpgmfefyremeqwmrshynnddatfrpewskgwafgpdpy  
tdndivtnkmatyiegvpttenwdtararynqidphrvftngfmdkl lp

>2HGS\_A

matnwgslldkqkqleelarqavdralaegvllrtsqeptssevsvsyapftlfpslvpsallegayavqmdfn  
llvdavsqnaafleqtlssstikqddftarlfdihkqvlkegiaqtvflglnRsdy mfgqrsadgspalkqiein  
tisaSfgglasrtpavhrhvlsvlsktkeagkilsnnpskglalgiakawelygspnalvlliaqekernifd  
qraienellarnihvirrtfedisekgsldqdrllfvdgqeiavvyfrdgymp rpyqlqnwearlllershaa  
kcpdiatqlagtkkvqqelsrpgmlemllpggqpeavarlratfaglysl dvgeegdqaaealaapsrfvlkp  
qreGgggnlygeemvqalkqlkdseerasyilmekiepepfenc llrpgsparvvqciselgigfyvrqekt  
lvmnkhvghllRtkaiehadggvaagvavldnpyvp

>1YON\_A

mkitvlgcgalgqlwltalckqghevqgwlrvpqpycsvnlvetdgsifnesltandp dflatsdlllvtlka  
wqvsvdaks lastlpvttpillihngmg tieelqniqqpllmgttthaarrdgnviihvangithigparqqd  
gdysyladilqtvlpdvawhnniraelwrKlavncvinpltaiwncp ngelrhhpqeimqiceevaaviereg  
hhtsaedlr dyvmqvidataenissmlqdiralrhteidyingflrrarahgiavpentr lfemvkrkesey  
erigtglprpw

>1JOF\_E

plhhligtwtppgaiftvqfddekl tcklikrteipqdepiswtf dherkniygaakkwssfavkspteivhe  
ashpigghprandadtnt raifllaakqppyavyanpfykfagygnvsvsetgkleknvqnyeyqentgiHg  
vfdptetylysadltanklwthrklasgevelvgsvdapdpgdhpRwv ahptgnylyalEagnriceyvidpa  
thpvythhsfplippgipdrdpetgkglyradvcaltfsgkyfassRankfelqgyiagfklrdcgsiekqlf  
lsptptsgghsnavspcpwsdewaitddqegwleiy rwkdeflhrvarvripepgfgnaiwyd

>1H54\_A

mkrifevqpwnvithtfdpkdkrlqesmtslngngymgmrgdfeegysgdslqgiylggvwy pdktrvgwwkng  
ypkyfgkvvnnavnfikl pieingepvdlakdkisdftldldmhqgvlnrsfvvergavrv alnfqrflsvaqp  
elsvqkvtknlsdaevdvtl kpsidadvmneeanyderfwdvlatdqqadrgsivaktt pnpfgtprftsgm  
emrlvtdlknvaitqpnekevttaytgklapqasaelekrvivvtsr dydtqesltaamhqlsdkvaqssyed  
llnahtaiwaqrweksdvvikgddesqggirfnlfqlfstyygedarlnigpk gftgekyggatywdteafaf  
pvy lgitdpkvtrnllmyrykqldgayinaqegglkgalfpmvtf dgiechneweitfeeihrngdiafa iyn  
ytrytgddsylvlhegakvlteisrfwadrvhf skrnngymihgvtgadEyennv dnnwdtnmla qwtlkytle  
ilgkv dqtakql dvsdeektkwqdivdrmylpydkdl nifvqhdgfl dkdiepvssipadqrpinqnswdk  
ilrspyikqgdvlggiwdfid dytpeqkkanf dfyep ltvhesslspaihsvlaadlhyedkavelysrtarl  
dldnynndttdgl hitsmtgawia vvqgfagmrvrdgqlhyapfl pktwtsytfrqvfrdr lievsvhadgph  
fkllsgepltidvagaaaaa

>1CNS\_A

svssivsraqfdrml lhrndgacqakgyftydafvaaaaafsgfgttgsadvqkrevaaf laqtshEttggwa  
tapdgafawgycfkqErgassdyctpsaqwpcapgkryygrgpiqlShnynygpagraigv dllanpdlvatd  
atvsfktamfwmtaqp p kpsshavivgqwspsgadraagrvpgfgvitniinggiecg hggdsrvadrigfy  
krycdilgvgygnnldcysqr pfa

>1NVM\_A

mtfnpskklyisdvtlrdgsHairhqtytlddvraiaralldkakvdsievahgdglqgssfnvgfgrhtdleyi  
eavageishaqiatllllpgigsvhdlknayqagarvvravathcteadvskqhieyarnlgmdtvglmmshmi  
paeklaeqgklmesygatciymadsggamsmdirrmrafkavlketqvgmhahhnlslgvansivaveeg  
cdrvdaslagmgagagnaplevfiavaerlgwnhgtldlytlmdaaddivrplqdrpvrvdretlglgyagvYs  
sflrhaeiaaakynlktldilvelghrrmvgggedmivdvaldlilaahkenra

>1KFU\_L

agiaaklakdreaaeglgsheraikylnqdyealrnieclegtlfqdpsfpaipsalgfkelgpyssktrgmr  
wkrpteicadpqfiiggatrtdicQgalgdCwllaaiaasltlneeilarvvplnqsfqenyagifhfqfwqyg  
ewvevvvddrlptkdgellfvhsaegsefwsallekayakingcyealsggattegedftggiaewyelkkp  
ppnlfkiiqkalqkgsllgcsiditsaadseaitfqklvkgHaysvtgaeevesngslqklirirNpWgevew  
tgrwndncpswntidpeererlrrrhedgefwmfsdflrhysrleicnltpdtltsdtykkwkltkmdgnwr  
rgstaggcrnypntfwmnpqylikleededeedegsgctflvgliqkhrrrqrkmgedmhtigfgyevpee  
lsgqtnihlsknffltnrarersdtfinlrevlnrfklppgeyilvpstfepnkdgdfcirvfsekkadyqav  
ddeieanleefdiseddiddgvrrlfaqlagedaeisafelqtilrrvlakrqdiksdfsietckimvdmld  
sdgsgklglkefyilwtkiqkyqkiyreidvdrsgtmnsyemrkaleeagfkmpcqlhqvivarfaddqliid  
fdnfvrclvrletlflkifkqldpentgtieldliswlcfsvl

>1BS0\_A

mswqekinaaldarraadalrrrypvaqgagrwlvadddrqlnfssndylglshhpqiirawqqgaeqfgigs  
ggsghvsgysvvhqaleeelaewlgyrallfisgfaanqaviaammakedriaadrlsHaslleaaslspsq  
lrrfahndvthlarllaspcpgqmvvtEgvfsmgdgsaplaeiqqvtqqhngwlmvDdahgtgvigeqgrgs  
cwlqkvkpellvvtfgKgfgvsgaavlcstvadylqlqfarhliystsmppaqaqalraslavirsdegdarr  
eklaalitrfragvqdlpftladscsaiqplivgdnsralqlaeklrqqgcwvtairpptvpagtarlrlltlt  
aahemqdidrlllevlhng

>3UON\_A

tfevvfivlvagslslvtiignilvmvsikvnrhlqtvnnnyflfslacadliigvfsmnlytlytvigywplg  
pvvcdlwlaldyvvnasvmnlliisfdryfcvktpltypvkrttkmagmmiaaawvlsfilwapailfwqfi  
vgvrtvedgecyiqffsnaavtfgtaiaafylpviimtvlywhisrasksrinifemlridEglrlkiykDte  
gyytigighlltkspslnaakseldkaigrntngvitkdeaeklfndvdvaavrgilrnaklkpyvdsldavr  
raalinmvfvmgetgvagftnslrmlqqkrwdeaavnlaksrwynqtpnrakrvittftrgtwdaypppsrek  
kvtrtilaillaifiitwapynvmvlintfcapcipntvwtigywlcycinstpacyalcnatfkktkhllm

>1J09\_A

mvvtriapsptgdphvgtayialfnyawarrnggrfivriedtdraryvpgaeerilaalkwlglsydegpdv  
ggphgpyrqserlplyqkyaeellkrwayrafetpeelegirkekgydgrarnippeeaeerarrgephvi  
rlkvprpgttevkdeldrgvvvydnqeipdvllksdgyptyhlanvvddhlmgvtdviraeewlvstpihvl  
yrafgweaprffyhmpllrnpdktkisKrkshstldwykaegflpealrnylclmgfsmgpdgreiftleefiq  
ftwervslggpvfdleklrwmngkyirevlsleevaervkpfpreaglsweaseaylrravelmrprfdtlkef  
pekarylftedypvsekaqrkleeglpllkelyprlraqeewteaaleallrgfaaekgvklgqvaqplraal  
tgsletpglfeilallgkeralrrlerala

>1QHF\_A

pklvlvrHggqsewneknltfgwvdvklksakggqqaaragellkekkvypdvlytsklsRaiqtanialekadr  
lwipvnrswrlnErhygdlqgkdkaetlkkfgeekfntyrrsfvppppidasspfsqkgderykyvdpnvlp  
eteslalvidrllpywqdvialkdlsgktvmiaaHgnslrglvkhlegisdadiaklniptgiplvfeldenl  
kpskpsyyldpeaaaaagaaav

>1HPM\_A

mskgpavgidlgttyscvgvfqhgkveiiandqgnrttpsyvaftdterligdaaknqvamnptntvfdaKrl  
igrfrddavvqsdmkhwpfmvvnadagrpkvqvveykgetksfyypeevssmvltkmkeiaaeaylgtvtnavvtv  
payfndsqrqatkdagtiaglnvlriineptaaaaiaayldkkvgaernvlifdlgggtfdvsiltiedgifev  
kstagdthlggedfdnrmvnhfiaefkrkhkkdisenkravrrlrtacerakrtlssstqasieidslyegid  
fytsitarfeelnadlfrgtldpvekalrdakldksqihdivlgvgstripkiqkllqdfnngkelnsinp  
deavaygaavqaailsgdkse

>1MPY\_A

mnkgvmrpghvqlrvldmskalehyvellgliemdrddqgrvylkawtevdkfsllvreadepgmdfmgfkvv  
dedalrqlerdlmaygcaveqlpagelnsgrrrvrfqapsghhfelyadkeytgkwglndvnpeawprdlkgm  
aavrfdhalmygdelpatydlftkvlgfyilaeqvldengtrvaqflslstkaHdvafihhpekgrlhhvsfhl

etwedllraadlismtidsidigptrHglthgktiYffdpsgnrnevfcggydynypdhkpvtwttdqlgkaif  
yhdrilnerfmtvlt

>1VNC\_A

mgsvtpiplpkidepeeyntnyilfwnhvglelnrvthtvvggpltgpplsaralgmhlaihdayfsicpptd  
fttflspdtenaayrlpspngandarqavagaalkmlsslymkpveqpnnpnganisdnaqglglvldrsvl  
eapggvdresasfmfgedvadvffallndprgasqegyhtpgrykfddepthpvvllipvdppnnpgpkmpfr  
qyhapygkttkrfatqsehfladppglrsnadetaeyddavrvaiaamggaqalnstkrspwqtagglywayd  
gsnligtpprfynqivrriavtykkeedlansevnadfarlfalvdvactdagifswkeKwefefwrplsgv  
rddgrpdhgdpfwltlgapatntndipfkppfpaypsgHatfggavfqmvrryyngrvgtwkdddepndiaidm  
miseelngvnrdlrqpydptapiedqpgivtrivrhfsawelmfenaisriflgvhwrfdaaaardilipt  
ttkdvyavdnngatvfqnvediryttrgtredeeglfpiggvplgieiadeifnnglktptpeiqpmpqetpv  
qkpvgqqpvkgmweeeqapvvkeap

>1PFQ\_B

tadsrkytltldylkntyrlklyslrwisdheylykqennilvfnaeygnssvflenghsindysispdgqfi  
lleynyvkqwrhsytasydiydlnkrqliteeripnntqvwtsvpghklayvwnndiyvkiepnlpsyritw  
tgkediinygitdwvyeeevfsaysalwvspngtflayaqfndtevplicysfysdeslqypktrvrypypkag  
avnptvkffvntdsslsvtnatsiqitapasmligdhylcdvtwatqerislqwlrriqnysvmdicdydes  
sgrwnclvarqhiemsttgwvgrfrpsephftldgnsfykiisneegy rhicyfqidkkdctfitkgtwevig  
iealtsdyllyisneykgmpggrnlykiqlsdytkvtclscelnpercqyysvsfskeakyyqlrcsgpglpl  
ytlhssvndkglrvlednsaldkmlqnvqmpskkldfiilnetkfwyqmilpphfdkskkypllldvyagpcs  
qkadtvfrlnwatylasteniiwasfdgrgsgyqgdkimhainrrlgtfevedqieaarqfskmgfvdnkria  
iwgwSyggyvtsmvlgsqsgvfkcgiavapvsrweyydsvyterymgltpednldhyrnstvmstraenfkqv  
eyllihgtaDdnvhfqqsaaqiskalvdvgvdfqamwytdedHgiassstahqhiythmshfikqcfslp

>1PMA\_N

tvfspdgrlffqveyareavkkgStalgmkfangvllisdkkvrsrliEqnsieKiqliddyvaavtsGlvada  
rvlvdfarisaaqekvtyslvnienlvkrvadqmqyqtqyggvrpygvs lifagidqigprlfdcdpagtin  
eykataigSgkdavvsflereykenlpekeavtlgikalkssleegeelkapeiasitvgnkyriydqeevkk  
fl

>1OHH\_F

aaqaspspkagattgrivavigavvdvqfdeglppilnalevqgretrlvlevaqhlgestvrtiamdgtegl  
vrgqkvlvdsgapiripvgpetlgrimnvigepidergpiktkqfaaihaeapefvemsveqeilvtgikvvd1  
lapyakggkiglfggagvgKtvlimelinnvakahggysvfagvgERtregndlyhemiesgvlnkdataskv  
alvygqmneppgararvaltglvtvaeyfrdqegeqdvllfidnifrtqagsevsallgripsavgyqptlatd  
mgmtmeritttkkgsitsvqaiyvpaddltdpapattfahldattvlsraiaelgiypavdpldstsRimdpn  
ivgsehydvargvqkilqdykslqdiiaailgmdeelseedkltsrarkiqrfllsqpfqvaevftghlgklvpl  
ketikgfqqilageydhlpeqafymvgpieeavakadklaeehs

>1VAS\_A

TrinltlvseladqhlmaeyRQlpRvfgavrkhvangkrvrdfkisptfilgaghvtffydikleflrkrqiel  
iaec1krgfnikdttvqdisdipqefrgdyipheasiaisqarldekiaqrptwykyygkaiya

>1OHH\_C

adtsvdleetgrvlsigdgia rvhglrnvqaeemvefssglkgmslnlepdnvgvvvfgnclklikegdivkrt  
gaivdvpvgeellgrvvdalgnaidgkpgiskarrvrglkapgiiprisvrepmtgtgikavds1vpigrgqr  
eliigdrqtgKtsiaidtiinqrfrndgtdekkklyciyvaigQKrstvaqlvkr1tdadamkytivvsatas  
daaplqylapysgscsmgeyfrdngkhaliyyddlskqavayrqmslllrrppgreaypgdvfylhsrlleraa  
kmndafgggs1talpvietqagdvsayiptnvisitdgqifletelfykgirpainvg1slvsRvgsaaqtram  
kqvagtmklelaqyrevaafadldaataqllsrgvrltellkqggyspmaieeqvaviyagvrgyldklepsk  
itkfenaf1shvisqhqallgkirtgdkiseesdak1keivtnflagfea

>1GK9\_B

Snmwvigkskaqdakaimvngppqfgwyapaytygig1hgagydv1tgn1tpfaypglvfghngviswgstAgfgd  
dvdifaer1saekpgyylhngkwvkmlsreetitvkngqaetftvrtv1hgn1lqtdq1ttqtayaksrawdgk  
evas1lawthqmkaknwqewtqqaakqaltinwyadvngnigyvhtgaypdrqsg1hdp1rlpvpgtgkwdwk1g  
llpfemnpkvynpqsgyianwNnspqkdypasdlfaflwggadrvt1e1dr1lleqkpr1ladqawdvirqtsrq  
dln1rlfl1ptlqaatsgltqsdpr1qlvetl1trwdgin1lnddgktwqpggsailnv1w1tsmlkrtvvaavpm  
pfdkwysasgyettqdgptgslnisvgakilyeavqgdkspipqavdlfagkppqgevv1laa1edtwet1lskry

gnnvsnwktbamaltfrannffgvpqaaaetrhqaeyqnrgrtendmivfspttsdrpvlawdvvapggsgfi  
apdgtvdkhyedqlkmyenfgkrlwltkqdvahkesqevlhvqr

>3R1R\_A

mnqnl1vtkrdgrsterinldkihrvldwaaeglnhvsisqvelrshiqfydgiktsdihetiikaaadlisrd  
apdyqyalaarlaifhlrkkayggfeppalydhvvkmvemgkydnhlledyteeeefkqmdtfidhdrdmtfsya  
avkqlegkylvqnrvtgeiyesaqflyilvaacflsnypretrlqyvkrfydavstfkislptpimsgvrtpt  
rqfssCvliecgdsldsinaatssaivkyvsqragiginagriralgspirggeafhtgcipfykhfqtavksc  
sqqgvrggaatl fympmwhlevesllvlknrgvegnrvrhmdygvqinklmytrllkgeditlfpsdvpgly  
daffadqeeferlytkyekddsirkqrvkavel fslmmqerastgriyiqnvdhcnthspfdpaiapvrqsNl  
ClEialptkplndvndengeialCtIsafnlgainnldeleelailavraldalldyqdyppipaakrgamgr  
tlgigvinfayylakhgkrysdgsannlthktfeaiqyyllkasnelakeggacpwnettyakgilpidtyk  
kdldtianephlydwealresikthglrnstlsalmpsetssqisnatngiepprgyvsikaskdgilrqvvp  
dyehlhdaiyellwempgndgylqlvgimqkfidsisanthydpstrfsgkvpmqqllkdlltaykfgvktly  
yqnrtdgaedaqddlvpsiqddgcesgacki

>1FDY\_A

matnlrgvmaalltpfdqqqaldkaslrrlvqfniaqggidglyvggSTgeafvqslsereqvleivaeeegkgk  
ikliahvgtvtaesqqlaasakrygfdavsavtpfyypfsfeehcdhyraidsadglpmvynipalsgvk  
ltldqintlvtlpgvgalKqtsgdlyqmeqirrehpdlvlyngydeifasgllagadggigstynimgwryqg  
ivkalkegdiqtaqlqtecnkvidlliktgvfrglktvlhymdvsvplcrkpfpgpvdekylpelkalaqql  
mqerg

>4EMW\_B

pkiVVvgavAggatcasqirrdkesdiiifekdrdmsfaNcalpyvigevedrryalaytpekfydrkqit  
vktyheviainderqtvsvlnrktneqfeesydklilspgasanslgfesditftlrnledTdaIDqfikang  
vdkvlvvgagYvslEvlenlyerglhptlihrsdkinklmdadmnqpildeldkreipyrlneeinaingnei  
tfksgkvehydmiiegvgthpnskfieessnikldrkgfipvndkfetnvpniyaigdiatshyrhvdipasv  
lawgaHraasivaeqiagnrtiefkgflgnnivkffdytfasvgvkpnelkqfdykmvevtqgahanyypgns  
plhlrvyydtsnrqilraaavgkegadkridvlsmamnnqltvdeltedefaYappysphkdlinmigyka

>3J36\_F

mrhyeivfmvhpDqseqvpgmieriyaaitgaegkihrledwgrrqlaypinklhkahyvlmnveapqevide  
lettfrfndavirsmvmrtkhavteaspmvakderrerrddfanetaddaeagdseeeee

>1TJV\_D

tdpimeklNSSiaydqrlsevdiggsamayakalekagiltktelekiLsglekiseewskgvfvvkqsdedih  
tanerrlkeligdiagklhtgrsrndqvvtldklfmknsIsiisthllqliktlveraaieidvilpgydHlq  
kaqpirwsqfllshavaltrdserlgevkkrinvlplgsgalagnpldidremlrselefasislnsmdaise  
rdfvveflsfatllmihlskmaedliiystsefgfltsdafstgsslmpqKknpdSlElirskagrvgfgrla  
silmvklglpstynkdlqedkeavfdvdtltavlvqvatgvistlqiskenmekaltpeplatdlalylvrkg  
vpfrqahtasgkavhlaetkgitinklsledlksisppqfssdvsqvfnfvnsveqytalagtakssvtqtieq  
lrelmkkqkeqa

>3CSM\_A

mdftkpetvlnlqniRdelvrmedsiifkfiershfatcpsvyeanhpgleipnfkgsfldwalsnleiahsr  
irrfespdetpffpdkiqksflpsinypqilapyapevnyndkikkvyiekiipliskrdgddknnfgsvatr  
dieclqslsrRihfgkfvaeeKfqsdiptytklikskdvegimknitnsaveekilerltkkaevygvdpter  
rieritpeylvkiykeivipitkevEveyllrrlee

>1I1I\_P

mtlgkelasplqamssytaagrnlrwdlspeqiktrteqliaqtqvydvtvgtiaLkevyenclqvladie  
vtyivertmldfqpqhvsdrevraasteadkklrsfdiemsmdredvfqrivhlgetcdlekikpearryleks  
ikmgkrnglhlsehirneiksmkkrmseLcidfnknlneddtslvfskaelgalpddfidslktedekykvt  
lkyphyfvpmmkccvpetrkrmemafhtrckqentailqllplraqvakllgynthadfvlelntakstsr  
aaflddlsqklkplgeaerefilslkkkeceergfeydgkinawdlhyymtqteelkysvdqeslkeyfpiev  
vteglIsiyqellglsfeqvpadhvwnksvslytvkdkatgevlqgyldlypregkynhaacfglqpqcllp  
dgsrmmsvaalvvnfsqpvagrpSllrhdevrtyfhefghvmhQicaqtdfarfsgtnvetdfvEvpsqmlen  
wvwdvdsLrklSkhykdghpitdelleklvasrlvntglltlrqivlskvdqslhtnatldaaseyakytei  
lgvaatpgtnmpatfghlaggydgqyygYlwsevfsmdmfhscfkkegimnpevgmkyrnlilkpqgsldgmd  
mlqnflqrepnqkaflmsrglngs



>1IPH\_A

msqhnēknphqhqsplhdsseakpgmdslapedgshrpaaeptppgagptapgslkapdtrneklnsledvrk  
gsenyaltnqgvriaddqnsrlragstrgptlledfilrekithfdheriperivHargsaahgyfqpykslsd  
itkadflsdpnkitpvfvrfStvqggagsadtvrdirgfatkfyteegifdlvgNntpiffiqdahkfpdfvh  
avkpephwaipqqqsahdtfwdyvslqpetlhnvmwamsdrgiprsyrtmegfgihtfrlinaegkatfvrfh  
wkplagkaslvwdeaqkltgrdpdfhrrelweaieagdfpeyelgfgqlipeedefkfdldldptklipeelv  
pvqrvgkmvlnrnpdnffaeneqaafhpgshivpgldftndpllqgrlfsytdtqisrlggpnfheipinrptc  
pyhnfqrldgmhrmgidtnpanyepnsindnwpretppgpkrggfesygervegnkvrrerspsfgeyyshprlf  
wlsqtpfeqrhivdgfsfelskvvrpyirervvdqlahidltlaqavaknlgieletddqlnitpppdvnglkk  
dpslslyaipdgdvkgrrvvaillndeversadllailkalkakgvhakllysrmegevtaddgtvlpiaatfaga  
psltvdavivpcgniadiadngdanyylmeaykhlpkialagdarkfkatikiadqgeegiveadsadgsfmd  
elltlmaahrwsripkidkipa

>1B8G\_A

mlsrnatssyflgwqeyeknpyhevhtngiigmglaenqlcfdlleswlaaknpeaaaafkkngesifaelalf  
qdyhglpafkkamvdfmaeirgnkvtfdpnhlvltagatsanetfifcladpgeavliptpyYpgfdrdlkwr  
tgveivpihtssngfqitetaleeayqeaekrnrvkgvltvnpsnplgttmtrnelylllsfvedkgihli  
sDeiysgtafsspsfisvmevlkdrncdensevwqrvhvvyssKdlglpgfrvgaiysnddmvvaatkmss  
fglvssqtqhlslsamlsdckltknyiaenhkrllkqrqkklvsglqksgiscnlnagnaglfcwvdmrhlrsntf  
eaemelwkkivyevhlnispgsschctepgwfrvcfanlpertldlamqrlkafvg

>1QH5\_A

mkvevlpaltdnymylviddetkeaaivdpvqpqkvvdaarkhgvklttvltthhhwDhaggneklvklesgl  
kvyggddrigalthkithlstlqvgslnvkclatpchtsgihicyfvs kpggseppavftgdtlfvagcgkfy  
gtademckallevlgrlpdpdtrvycgheyttinnlkfarhvepgnaaireklawakekysigeptvpstlaeef  
tynpfmrrektvqqhagetdpvtmravrrekdqfkmprd

>3J36\_1

mkiinlgilahvDagkttltesllytsgaiaelgsvdegtrtrtdtmnlerqrgitiqtavtsfqwedvkvnii  
dtpghmdflaevyrslsvldgavllvsakdgigaqtrilfhalqimkiptiffinkidqegidlpmyremka  
klssaiivkqkvqgqphinvtdnddmeqwdavimgndellekymsgkpfkmsелеqeenrrfqngtlfpyhg  
saknnlگیرqlieviaskfysstpegqselcgqvfkieysekrrrfvyvriysgtlhldvirisekekikit  
emyvptngelyssdtacsgdivilpndvlqlnsilgneillpqrkfienplpmiqttiavkksekreillgal  
teisdcdp11kyyvdttttheiilsflgnvqmevicaileekyhveaeikeptviymerplrkaeytihiavpp  
npfwasvglsieplpigsgvqyesrvslgylngsfqnavmegvlygceqglygkwvtdckicfeyglyyspvs  
tpadfrllspivleqalkkagtellepylhfeiyapqeylsrayhdaprycadivstqikndevilkgeipar  
ciqeyrndltyftngqgvcltelkgyqpaigkficcqprprnsridkvrhmfhkla

>2YZC\_E

tkvvlqgnqygkaevrlvkvttrntarheiqdlnvtsqlrgdfeaahtagdnahvvatdtqkntvyafardgfa  
tteefllrlgkhftegfdwvtggrwaaqfffwdrindhdhafsrrnksevrtafleisgseqaivagiegltvl  
kstgsefhgfpdkyttlqettdrilatdvsarwryntvevdfdavysvrglllkafaethslalQqtmym  
graviethpeideikmslpnkHhflvdlqpfgqdnnevfyaadrypglieatiqregsradhpiwsn

>1BYA\_A

atsdsnm11nyvpvyvmlplgvvnvndvfedpdglkeqllqlraagvdgvmvvdvwgielkgpkqydwayr  
slfqlvqecgltlqaimsfhqcggnvgDivnipipqgwldigesnhdifyttrsgtrnkeyltvgvndepifh  
grtaieiysdymksfrenmsdflesgliidievglgpagElrypsypqsggweprigefqcydkylkadfka  
avaraghpewelppdagkyndvpestgffksngtyvtekgkffltwysnkllnhgdqildeankaflgckvkl  
aikvsgihwvykvenhaaeltagyynlndrdgyrpiarm1srhhailnftclemrdseqpsdaksgpqelvqq  
vlsggwredirvagenalprydataynqiilnakpqgvnnngppklsmfgvtylrlsddllqksnfni1kkfv  
lkmhadqdycanpqkynhaitplkpsapkipiev1leatkptlpfwp1petdmkvdg

>2ALR\_A

aascv11lhtgqkmp1ig1gtwksep1gvkaavkyalsvgyrhidcaaiYgnepeigealkedvgpgkavpree  
lfvtsKlwn1tkhhpedvepalrktladlqleyldlylmhwp1afergdn1pfknadgticydsthyketwkal  
ealvakglvqalgl1snfnsrqiddilsvasvrpavlqvechpylaqneliahc1qarglevtaysplgssdraw  
rdpdepv1leevv1lalaekygrspa1illrwqvqrkvicipksitpsrilqnikvdf1ftspeemq1lnal1  
knwryivpml1tvdgkrvprdaghp1lypfndpy

>1CTT\_A

mhprfqtafaqladnlqsalepiladkyfpalltgeqvsslksatgldedalafallplaaacartplsnfnv  
gaiargvsgtwyfganmefigatmqgtvhaEgsaishawlsgekalaaaitvnytpcghcrqfmnelnsgldlr  
ihlpgreahalrdylpdafigpkdleiktllmdeqdhgyaltgdalsqaaiaaanrshmpyskspsgvaleckd  
grifsgsyaenaafnptlpplqgalillnlkgydypdiqgravlaekadapliqwdatsatlkalgchsidrvl  
la

>1D8C\_A

maqtitqsrldidanfkrfvdeevlpgtgladaafwrnfdeivhdlapenrqllaerdriqaaldewhrsnpq  
pvkdkaayksflrelgylvpqpervtvettgidseitsqagpqlvvpamnaryalnaarwgslydalygsd  
iipqegamvsgydpqrgeqviawvrrfldeslplengsyqdvvaafkvvdqqlriqlkngkettltpaqfvgy  
rgdaaaptcillknnglhielqidangrigkddpahindviveaaistilDcEdsvaavdaedkillyrnllg  
lmqgtlqekmekngrqivrklnddrhytaadgseislhgrsllfiRnvghlmtipviwdsegneipegildgv  
mtgaialydlkvqknsrtgsvyivkpkmhgppqevafanklftrietmlgmapntlkmgimdeerrtslnlrsc  
iaqarnrvafintgflldrtgdemhsvmeagpmlrknqmktstpwikayernnvlsglfcglrgkaqigkgmwam  
pdlmadmysqkgdqlragantawvpsptaatlhalhyhqtntvqsvqaniaqtefnaefepllddlltipvaen  
anwsageiqqeldnnvqgilgyvvrwveggigcskvpdihnvalmeDratlrisshianwlrhgiltkeqvq  
aslenmakvvdqqnagdpayrpmagnfanscafkaasdliflgvkgpnytepllhawrlrekesh

>3Q14\_A

amhprkdwyeltratnwtpsyvteeqlfpermsghmigiplekwesydepyktsypeyvsiqrekdagaysvka  
alerakiyensdpgwistlkshygaiavgeyaavtgegrmarfskapgnrnmattfgmmdelrhgqlQlffphe  
yckkdrqfdwawrayhsnewaaiaakhffddiitgrdaisvaimltfsfetgfTnmqflglaadaaeagdytf  
anlissiqtdesrhaqqgpalqlliengkreeaqkkvdmairawrlfavltgppvmdyytpledrrsqsfkef  
myewiigqferslidlgldkpwylfklkdidelhshymgvwywrttawwnpaagvtpeerdwleekypgwn  
krwgrcwndvitenvlndrmdlvspetlpsvcnmsqipvgvpgddwnievfslengrlyhfgsevdrrwvfqq  
dpvqyqnhmnivdrflaggiqpmlegalymgqfsieemgkdhdfawadkc

>1XA8\_A

ghmvdtsvgkhipavdngikpaqpgfaggtlhckcstnpvravraqtahnhvcgCtkcwkegaifsqvavv  
grdalevlegaekleivnaeapiqrhrhrdcdgvhmygrienrdhpfyglfdvhtelsdedgwsapefaafvss  
iesgvdpshrmeairarlrelglepydalspplmdaiathiakrsgalaa

>2ADM\_A

mglpplllslpsnsaprslgrvetppevdfmvslaeaprggrvlepacahgpflrafreahgtgyrfvgveid  
pkaldlppwaegiladfllepgeafdlilgNPpYgivgeaskypihvfkaekdlykkaftstwkgykynlygaf  
lekavrllkpggvlvfvvpatwlvledfallreflaregktsvyygfvfpqkkvsavvirfqksgkglslwd  
tqesesgftpilwaeyphwegeiirfeteetrkleisgmplgdlfhirfaarspefkhhpavrkepgpglpv  
ltgrnlkpgwvdyeknhsglwmpkerakelrdfyatphlvvahtkgtrvvaawderaypwreefhllpkegvr  
ldpstlvqwlseamqkhvrtlyrldfvphtlrmrlrprvreygfhstpesarnf

>1MVN\_A

mengkrdrqdmvnttprkprvllaasgsvaaikfgnlchcftewaevravvtksslhflldklslpqevtlyt  
dedewsswnkigdpvlHielrrwadvlviaplantlgkiagglcdnlltciirawdytkplfvapamntlmw  
nnpfterhllslldelgitlippikkrlaSgdyngngamaepsliystvrlfwesqahqqtgts

>1JNR\_B

mpsfvnpekcdgckalertaceyicpndlmtldkekmmaynrepdmcWecyscvkmcpqgaidvrgyvdyapl  
ggacvpmrgtsdimwtvkyrnkvrlrfkfairttwgsiqpfegfpepteealksellagepeiigtsefpqv  
kka

>3NC6\_A

iklfsvlsdqfqnnpyayfsqlreedpvhyeesidsyfisryhdvryilqhpdihttkslveraakrrivrs  
figdalhdlsplikqnaenllapylergksdlvndfgktfavcvtdmldgldkrdhekisewhsgvadfitsi  
sqSpearahslwcseqlsqylmpvikerrvnpgsdilisilctlsdkdilalilnvllaatEPAdktlalmiyh  
llnnpqnmndvladrslvpriaetlrykppVqliprqlsqdtvvggmeikkdtivfcmigaanrdpeafeqp  
dvfnihredlgiksafsgaarhlaFgsgihnCVGtafaknEieivanivldkmrnirleedfcyaesglytrg  
pvslavaf

>1JNR\_A

mvyypkkyelykadevptevvetdiliigggfsgcgaayeaaywaklgglkvltvekaaversgavaqglasai  
NtyidltgrserqntledyvryvtldmmglaredlvadyarhvdgtvhlfekwglpiwktpdgkyvrEgqwqi  
mihgesykpiiaaakmavgeenyervfifellkdnndpnavagavgsvrepkfyvfkakavilatggatl

lfrprstgeaagrtWyaifdtgsgyymglkagamltqfehrfipfRfkdgygpgvgawflffkckaknaygeey  
iktraaelekykpygaaqpiptplrnhqvmleimdgngpiymhteealaelaggdkkkklkhiyeeafeDfldm  
tvsqallwacqnidpqeqpseaapaepyimsgsHsgeagfwvcgpedlmppeyaklfplkynrmttvkglfaig  
dcaganphkfSSgsftegriaakaavrfileqkpnpeiddavveelkkkayapmerfmqykdlstaddvnpey  
ilpwqglvrlqkimdeyaagiatiyktnekmlqralellaflkedleklaardlhelmrawelvhrvwt aeah  
vrhmlfrketrwpgyyyrtdypelndeewkcfvcskydaekdewtfekvpyvqviewsf

>1LDM\_A

atlkdklighlatsqeprsynkitvvgvgavgmacaisilmkdladevalvdvmedklkgemmdlqhgsflh  
takivsgkdysvsagsklvvitagarqqegesrlnlvqrnvnikfiiipnivkhspdciiilvvsnpvdltyv  
awklsglpmhriigsgcnlDsaRfrylmgerlgvhscschgwvigeHgdsvpvswsgmnvasiklhpldgtnk  
dkqdwkklhkdvdsayeviklkgyswaiglsvadlaetimknlcrvhpvstmvkdfygikdnvflslpcvl  
ndhgisnivkmklkpneeqqlqsattlwdiqkdlkf

>1EX1\_A

dyvlykdatkpvdrvadllgrmtlaekigqmtqierlvatpdlrldnfigsllsgggsvprkgatakewqdm  
vdgfgkacmstrlgipmiygidavhgqnnvygatifphnvglgatrpylvkrigeatalevratgiqyafap  
ciavcrdprwgrcyesyedrrivqsmtelipglqgdvpkdfstgmpfvagknkvaacakhfvgdggtvdgin  
enntiinreglmnihmpayknamdkgvstvmisyswngvkmhanqdlvtgylkdtlkfkgfvisDwegidri  
ttpagsdysysvksilagldmimvpnkyyqffisiltghvnggvipmsriddavtrilrvkftmglfenpyad  
pamaeqlgkqehrdlareaarkslvllkngktstdapllplpkkapkilvagshadnlgyqcggtiewqgdt  
grttvgttileavkaavdpstvvvfaenpdaefvksggfsyaivavgehpytEtkgdnlntipepglstvqa  
vcggvrcatvliisgrpvvvqpllaasdalvaawlpqsegqgvtdalfgdfgftgrlprtwfksvdqlpmnvgd  
ahydpflrlgygltnatkkky

>1OZT\_M

atkavcvlkgdgpvpqgiinfeqkesngpvkvwgsikglteglhgfrvhefgdntagctsagpHfnplsrkhgg  
pkdeerhvgdlgnvtadkdgvadvsiedsvislsgdhciigrtlvvhekaddlgkggneestktgnagsRlac  
gvigiaq

>1G8P\_A

mttavarlqpsasgakttrpvfpfsaivgqedmklallltavdpigigvlfvgdrgtgkstavrallaallpeie  
avegcpvsspnmvempdwatvlstnvirkptpvvdplpgvsedrvvgaldieraiskgekafepgllaranrg  
ylyidecnlledhivdlldvaqsgenvverdglSirhparfvlvgsgnpeegdlrpqlldrfglsvevlspr  
dvetrvevirrrdtydadpkafleewrpkdmdirnqilearerlpkveapntalydcaalcialgsdglRgel  
tllrsaralaalegataavgrdhkkrvatmalshrlrrdpideagstarvartveetlp

>1AYX\_A

aypsfeaysnykvdrtdletfldkqkevsllyllqniaypegqfnngvpgtviaspstsnpyyyqwtrdsai  
tfltvlselednnfnttlakaveyyintsynlqrtsnpsgsfddenhkglgepkfntdgsaytgawgrpqndg  
palrayaisrylndvnslnegklvlt dsgdinfsstediykniikpdleyvigywdstgfdlwEenqgrhfft  
slvqqkalayavdiaksfddgdfantlsstastlesylsgsdggfvntdvnhivenpdllqqnsrqgldsaty  
igplllthdigessstpfdvdneyvlqsyyllednkdrysvnsaysagaaigrypedvyngdgssegnpwfla  
tayaavqpyklaydaksasnditinkinydffnkyivdlstinsayqssdsvtiksgsdefntvadnlvtfgd  
sflqvildhinddgslnEqlnrytgystgaysltwssgalleairlnkvkala

>1NBA\_A

mtetsgtfndiearlaavleeafeagtsiynergfkrriigygnrpavihiDlanawtqpghpfscpgmetiip  
nvqrineaarakgvpvyfyttnvyrnrdassgtnmglwyskiptetlpadsywaqid driapadgevvieKnr  
asafpgtnlelfltsnridtlivtgATAagCvrhtvedaia kgfrpiipretigdrvpvgvqwnlydidnkfg  
dvestdsvvqyldalpqfedtvpktdsdpqpeveapadpvfaeqh

>1FGJ\_A

distvpdetydalkldrgkatpketyealvkrykdpahgagkgmtgdywepiaisiymdpntfykppvspkev  
aerkdcvechsdetpvwvrawkrsthanldkirnlksddplyykkgleevennlrsmgklgeketlkevpci  
dchvdvnkkdkadhtkdirmptadtcgtchlrefaereserdtmvwpngqwpagrpshal dytaniettwat  
mpgrevaegctmchtnqnkcndchtrhefsaaesrkpeacatchsgvDHnnweaytmskhgklaemnrdkwnw  
evrlkdafskgggnaptcaachmeyergeth nitrktrwanYpfvpgiaenitsdwsearldswvlctctqchs  
erfarsyldlmdkgtleglakyqeanaivhkmyedgtltgqktnrpnpepekpgfgiftqlfwskggnpasl  
elkvlemgennlakmhvglahvnpggwtYteggwpmnrayvei qdeytkmqelsalqarvnklegkqtsllldl  
kgtgekislglgggmllagalaligwrkrkqtra

>1BS4\_A

svlqvhlhipderlrkvakpveevnaeiqrivddmfetmyaeeGiGlaaTQvdihqriividvsenrderlvli  
npelleksgetgieegcLsipeqralvpraekvkiraldrdgkpfleadgllaiciqhEmdhlvgklfmdyl  
splkqqrirgkvekldrlkara

>1QRS\_A

tnfirqiidedlasgkhttvtvtrfppEpngylhighaksiclnfgiaqdykgqcnlrfddtnpvkedieyves  
ikndvewlgfhwsgnvryssdyfdqlhayaielinkglayvdeltpeqireyrgtltqpgknsprdrsrveen  
lalfekmraggfeegkaclrakidmaspfivmrpvllyrikfaehhgtgnkwcipydfthcisdalegith  
slctlefqnrrlydwvldnitipvhprqyefsRlnleytvmsKrklnlldtkhvegwdprmpptisglrrr  
gytaasirefckrigvtkqdntiemaslesciredlnenapramavidpvklvienyqgegempvmpnhpnpk  
emgsrqvpfsgeiwidradfreeankqykrllvlgkevrlrnayvikaervekdaegnittiftctydadtlgvi  
hwvsaahalpveirlydrflsvpnpgaaddflsvinpeslvikqgfaepsdkdavagkafqferegyfcldsr  
hstaekpvfnrtvglrdt

>1DBF\_A

mmirgigrgattverdteteeilqktkqllekiieenhtkpedvvqmlsatpdlhavfpakavrelsgwqyvpv  
tcmqemdvtgglkkciRvmmtvqtdvpqdgqirhvylekavvlpdlsltkntel

>1FGH\_A

rakvamshfepheyirydlleknidivrkrlnrpltlsekiyghlddpanqeiergktylrlrpdrvamqda  
taqmamlqfissglpkvavpstihcDHlieaqlggekdlrrakdinqevynflatagakygvfwprpgsgiih  
qiilenyaypgvlligtDshtpngggllggicigvggadavdvmagipwelkcpkvigvklgtsglsgwtspkdv  
ilkvagiltvkgtgaiveyhgpgvdsisctgmaticnmgaeigattsvfpynhrmkkylsktgradianlad  
efkdhlvpdsgchydqlieinlselkphingpftpdlahpvaevgsvaekegwpldirvgligsctnssyedm  
grsaavakqalahglkcksqftitpgseqiratierdgyaqvlrdvggivilanacgpcigqwdrkdkkgekn  
tivtsynRnftgrndanpethafvtspeivtalaiagtlfkfnpetdfltgkdgkkfkleapdadelpraefdp  
gqdyqhppkdssgqrvdvsptsqrlqllepfdkwdgkdledlqilikvkgkcttdhisaagpwlkfrghldn  
isnlligainsenrkansvrnavtqefgpvpdtaryykqhgirwvvigdenygegSsRehsaleprflggra  
iitksfarihetnlkkqgllpltfadpadynkihpvdktlitiqglkdfapgkpltciihpngtqetillnhtf  
netqiewfragsalnrmkelqqk

>1DOZ\_A

srckmgllvmaygtpykeedieryythirrgrkpepemlqdlkdryeaiggisplaqiteqqahnleqhlnei  
qdeitfkayiglkhiiefiedavaemhkdgiteavsiavlaphfstfsvqsynkrakeeaeklggltitstsvs  
ydepkfvtywvdrvketyasmpederenamlivsaHslpekikefgdpypdqlhesakliaegagvseyavgw  
qsegntpdpwlgpdpvqdltrdlfeqkgyqafvyvvpvgfvadHlEvlydndyeckvvtdddigasyrpepnak  
pefidalatvvlkklgr

>1088\_A

atdtggyaataggnvtgavsktatsmqdivniidaarl dangkkvkkgayplvitytgnedslnaaaaanicg  
qwskdprgveikeftkgitiigangssanfgiwickssdvvvqnmrigylpggakdgDmirvddspnvwdhn  
elfaanhecdgtpdndttfesavdikgasntvtvsynihgvkkvgldgssssdtgrnityhhnyyndvnaRl  
plqrgglvhaynnlytnitgsglnvrqngqaliennwfekainpvtsrydgknfgtwvlkgnnitkpadfsty  
sitwtadtkpyvnadswtstgtfptvaynyspvsaqcvkdklpgyagvgknlattstack

>1J7N\_A

ernktqeehlkeimkhivkievkggeeavkkeaekllekvpsdvlemykaiggkiyivdgditkhislealse  
dkkkikdiygkdallhehyvyakegyepvlviqssedyventekalnvyieigkilsrdilskinppyqkfld  
vltiknasdsdgqdlftnqlkehptdfsvefleqnsnevqevfakafayyiepqhrdvlqlyapeafnymd  
kfneqeinlsleelkdqrmisryekwekikqhyqhwsdslseegrllkklqipiepkddihslsqeekel  
lkriqidssdfllsteekelfklqidilsekekeflklklldiypydingrlqdtggldspsinldvrkqyk  
rdiqnidallhqsigstlynkiylyenmninnltatlgadlvdstdnkinrgifnefkknfkysissnymiv  
dinerpaldnerlkwriqlspdtragylengklilqrnigleikdvqiikqsekeyiridakvvpkskidtki  
qeaqlningewnkalglpkytklitfnvhnryasnivesaylilnewknniqsdlikkvtnylvdgngfrvft  
ditlpniaeqythqdeieyevhskglyvpesrsillhgpskgvelrndsegfihEfghavddyagylldknqs  
dlvtnskffidifkeegsnltsYgrtneaeffaeafrlmhstdhaerlkvqknapktfqfindqikfi

>2TMD\_A

ardpkhdilfepiqigpktlrnrfyqvphcigagsdkpgfqsahrsvkaeggwaalnteyscinpesddthrl  
sariwdegdvrrnlkamtdevhkygalagvelwyggahapnmesratprgpsqyasefetlsyckemdlidiaq

vqqfyvdaakrsrdagfdiyyvYgaHsylvlplqflnpyynkrtdkyggslenrarfwletlekvkhavgsdcai  
atrfgvdtvygpgqieaevdgqkfvmadslvdmwditigdiaewgeDagpsrfyqqghttpwvklvkqvsck  
pvlvgvrytdpekmielvtkgyadiigcarpsiadpflpqkveggryddirvcigcnvcisrweiggppmict  
qnatageeyrrgwhpekfrqtknkdsvlivgagpsgseaarvlmesgytvhltdtaekigghlnqvaalpplg  
ewsyhrdyretqitklkknkesqlalggkpmtdaddvlqygadkviiatgarwntdgtncldhdpipgadasl  
pdqltpeqvmdgkkkigkrvvilnadtyfmapslaeklataghevtivsgvhlanyhmftleypnmrrlhel  
hveelgdhfcseriepgrmeiyniwgdgskrtyrpgvgsprdantshrwiefdslvlvtgrhsectlnwelkar  
esewaendikgiyiligdaepriiadatftghrvareieeanpqiaipykretiaawgtphmpggnfkieykv  
>3CLA\_A

mnytkfdvknwvRrehfefyrhrhlpcgfsltskidittlkkslddsakfyfypvmiyliaqavnqfdelrmaik  
ddelivwdsvdqpftvfqhgetetfsalscpysddidqfmvnylsvmeryksdtklfpqgvtpenhlnisalp  
vnfdsfnlvnanftdyfapiitmakyqqegdrlllplsvqvhHavcDgfhvarfinrlqelcnsklk  
>1AH7\_A

wsaedkhkegvnshlwivnraidimsrnttlvkqdrvaqlnewrtelengiyaaDyenpyydnstfashfydp  
dngktyipfakqaketgakyfklagesyknkdmkqaffylglshylgdvnqpmhaanftnlssypqgfhskye  
nfvdtikdnykvtgdngywnwkgtnpeewihgaavvakqdysgivndntkdwfvkaavsqeyadkwraevtpm  
tgkrlmdaqrvtagiylwfdtygdr  
>1OFD\_A

Cgvgfianlrgkpdhtlveqalkalgcmehrggcsadndsgdgagvmtaiprellaqwfntnrlpmpdgdrlg  
vgmvflpqepsarevarayveevrlekltvlgwrevpvnsvlgiqaknnqphieqilvtcpegcagdelr  
rlyiarsiigkklaedfyvcsfscrtivkgmvrsiilgefylldknpgytsnfavyhrfstntmpkwplaq  
pmrllghngeintlgninwmaarekelevsgwtkaelealtipvnqansdsynldsalellvrtgrspleaa  
milvpeayknqpalkdtypeisdfhdyysglqepwdgpallvfdsgkivgagldrnglrparycitkddyivlg  
seagvvdldpevdivekgrlapgqmiavdlaeqkilknqykqqaakypygewikiqrqtvasdsfaektlfn  
daqvtlqqqaafgytaedvemvvpmasqgkeptfcmgddtplavlshkprllydyfkqrfavtnppidplr  
enlvmslamflgkrgnllpekaesartiklrspvnevelqaiktqqlqvaevstlyldgvnsledaltnlv  
ktaiatvqagaeilvltdrpnngailtenqsfipllavgavhhhiliraglrkaslivdtaqcwsthfhfacv  
gygasaicpylalesvrqwwldektqklmengrldridlptalknyrsveaglfkilskmgisllasyhgaq  
ifeaiglgaelveyafagttsrvggltiadvagevmvfghmafpemakklenfgfvnyrpgeyhmnspemsk  
slhkavaaykvvgngnggeaydhyelyrqylkdrpvtalrldldfnadqpaisleavesvesivkrfctggms  
lgalsreahtelaiamnrlgaksnsgeggdvryltlddvdssegnsptlphlhglqngdtansaikqiasgr  
fgvtpeylmsgkgleikmaqgaKpgeggqlpgkvvseyiamlrrskpgvtlisppphhdiysiedlaqliydl  
hqinpeaqvsvklvaeigigtiaagvakanadiiqisghdgggtgasplssikhagspwevgvtevhrlmenq  
lrdrvllradggkktgwdvmaalmgaeevgfsgiamiaegcimavchtnncpvvatqqrerlrqrfkgvpg  
qvnfffyfiaeevrsllahlgysrlddiigrtdllkvrsvqlsktqnltldcllnlpdtkqnrqwnhepvh  
sngpvldddiladpdiqeainhqttatktyrlnvntdrvtgtrlsagaiakkygngfegnitlnfqqagqsfg  
afnldgmtlhlqgeandyvgkmnggeivivphpqasfapednviigntclygatggnyangragerfavrn  
svgkaviegagdhcceymtggvivvlpgvgrnvgagmtgglayfldevgdlpekinpeiitlqritaskgee  
lkslitahvehtgspkgkailanwsdylgkfwqavppsekspeanndvsltgektltsv  
>1DIO\_A

mrskrfealakrpvnqdgfvkewieegfiamespndpkpsikivngavtelldgkpvsdfdlidhfiaryginl  
nraeevmamdsvklanmlcdpnvrkseivplttamtakivevvshmnvmmmmamqkmrarrtpsqaHvtn  
vkdnpvqiaadaaegawrgfdeqEttvavaryapfnaiallvgsqvgvrgvltqcsleeatelklgmlghtcy  
aetisvygtepvftdgdtpwskgflassyasrglkmrftsgsgsevqmgyaegksmlylearciyitkaagv  
qglQngsvscigvpsavpsgiravlaenlicssldlecassnDqtftshdmrrtarllmqflpgtdfissgys  
avpnydnmfagsnedaedfddynviqrldkvdgglrpvreedviairnkaaralqavfagmgppitdeevea  
atyahgskdmpernivedikfageiinknrnglevvkalagggftdvaqdmnlmaqakltgdylhtsaiivgd  
gqvlsavndvndyagpatgyrlqgerweeiknipgaldpneid  
>1HTI\_A

apsrkffvvggNwKmngrkqslgeligtlnaakvpadtevvcapptayidfarqklpkiaavaaqncykvtnga  
ftgeispgmikdcgatwvvlvHserrhvfgesdeligqkvahalaeglgviacigekldereagitekvvfeq  
tkviadnvkdwskvvlavEpvwaiGtgktatpqqaqevhekrlrgwlksnvsdavaqstriiyygsvtgatcke  
lasqpdvdgflvggaslkpefvdiinakq  
>1NDH\_A

stpaitlenpdikyplrlidkevnhdtrrrfrfalpspehilglpvgqhiylsaridgnlvirpYtpvssddd  
kgfvdlikvyfkdtphkfpaggkmsqylesmkigdtiefrgpnllvyqgkfkfairpdkksspviktksv  
gmiaagggtitpmlqviraikdpddhtvchllfanqtekdillrpeleelrnehsarfklytvdrapeawdy  
sqgfvneemirdhlpppeeeplvlmcgpppmiqaclpnlervghpkercfaf

>1GE7\_B

tyngcsseqsalaaaasaaqsyvaeslsylqtthaatpryttwfgsyissrhstvlqhytdmnsndfssysf  
dctctaagt fayvypnrfgtvylcgafwkapttgtdsqagtlvhEsshftrnggktdyaYgqaaakslatmdp  
dkavmnadnheyfsennpaqs

>1J2U\_A

mksvfvgeltwkeyearvaagdcvlmlpvgaieqhghhmcmnvdvllptavckrvaerigalvmpglqygyk  
sqqksggnhfpgttsldgatltgtvqdiirelarhgarrrvlmngHyEnsmfivegidlalrelryagiqdf  
kvvlsywdfvkdpaviqqlypegflgwdieHggvfetslmlalypdlvldrvvdhppatfppydvfpvdp  
rtapagtlssaktasrekgelilevcvqgiadaireefp

>2UDP\_B

mrvltvggsgyigshtcvqllqnghdviildnlcnskrsvlpvierlggkhptfvegdirnealmteilhdha  
idtvihfaglkavgesvqkpleyydnvngtllrlisamraanvknfifssSATvygdqpkipyvesfptgtpq  
spYgksKlmveqiltldlqkaqpdsiallryfnpvgaahpsgdMgedpQgipnnlmpyiaqvavgrrdslaifg  
ndyptedgtgvrldyihvmdladghvameklankpgvhiynlgagvgnsvldvvnafskacgkpvnyhfaprr  
egdlpaywadaskadrelnwrvttrldemaqdtwhwqsrhpggypd

>1CD5\_A

mrliplttaeqvgkwaarhivnrinafkptadrfvlgltptggtpmattykalvemhkagqvsfkhvvtfnmDe  
yvglpkehpesyysfmhrnffdhvdipaeninllngnapdidaecrqyeekirsygykihlmgvgvgnDgHiaf  
nEpasslasrtriktldhtrvansrffndvnpvpyaltvgvgtlldaeevmilvlgsqkalalqaavegc  
vnhmwatisclqlhpkaimvcdepstmelkvktlryfneleaeenikgl

>2CVY\_A

tkqfskvvedlyryvnaatgkppmisddvynivmenkdklnsaivydrdfqysyfkgfktlersyllringqv  
aerpqhlmrvalgihgrdieaaletynlmslkyfthasptlfnagtpkpmssCflvamkedsiegiydtlk  
ecalisktaggiglhnhirstggsyiaagtngtsnglipmirvfnntaryvafalylepwhadifdfidirknh  
gkeeirardlfpalwipdlfmkrveengtwtlfsptsapglscygydefealytryekegrgktikaqklwys  
ileaqtetgtpfvvykdacnrksnqknlgvikssNlCcEiveysapdetavCnlasvalpafietsedgkts  
ynfkkllheiakvvtrnlrvidrnyypveearksnmhrpialgvqgladtfmllrlpfdseearllniqife  
tiyhasmeascelaqkdgpyetfqqspasqgilqfdmwdqkpygmwdwdtlrkdimkhgvrnsltmampmtas  
tsqilgynecfepvtsnmysfqvnpyllrdlvdldgiwdegmkqylitqngsiqglpnvpqelkdlyktvwei  
sqktiinmaadrsvyidqshslnlflraptmgkltsmhfygwkkgktgmyylrtq

>2FAH\_C

lstslsalpaaardfveeavrlcrprevllcdgseeegkellrglqddgvlhplpkydncwlarldprdarv  
esktvltvteqsdavpppppsggppqlgnwmspnafqaavqerfpgcmagrplyvipfsmgpptsplaklgvq  
vtdspyvvlsmrimtrvgpavlqrllddfvrclhsvgrplplteplvsswpcdpsrvlvahipserrivsfgs  
gyggnslgkckfalriasrmaqggwlaeHmlilgvtspsgekrymaaaafpsacgktnlammtspgwrh  
cvgddiawmkfddegrlrairpergffgvapgtssrtnpnamatiantiftnvglrsdggvywdgldeptep  
gvtytswlgkpwhgdpepcahpnsRfcapadqcpimdprwddpegvpidaaiifggrrprgvplvveafgwrh  
gvfmgssamrseataaaehkggrlmhdpfamrpfpgynagrylehwlstglrsnarlprlfhvnwflrdnegrf  
vwpgfghnarvlawifgriqgrdtarptpigwvpkegdldlpglpgvdysqlfpmekgfweeegrqlreyyge  
nfgadlprdvmaelegleervrkm

>1Y7T\_B

mkapvrvavtgaagqigysllfriaagemlgkdqpvilqlleipqamkalegvvmeledcafpllagleatdd  
pkvafkdadyallvgaaprkgmerrdllqvnngkifteqgralaevakkdvklvvgnpantnaliaayknapg  
lnprnftamtrldhnrakaklakktgtgvdrrmtvwgNHsstmfplfhaevdgrpalelvdmevyekvfi  
ptvaqrgaaiiqargassaasaanaaiehirdwalgtpegdwvsmavpsqgegygepivysfpvtakdgayr  
vvegleinefarkrmeitaqelldemeqvkalgli

>1QTW\_A

mkyigahvsaaagglanaaairaaeidatafalftknqrqwraaplthtqtidfkaacekyhytsaqilphdsyl  
inlghpvtealeksrdafidemqrceqlglsllnfhpgshlmqiseedclariaesinialdktqgvtavien

tagggsnlgfkfehlaaidgvedksrvgvci dtchafaagydlrtpaecektfadfartvgfkylrgmhlnd  
akstfgsrvdrhslgsegnighdafrwimqddrfdgiplilEtinpdiwaeeiaawlkaqqtekava

>1CB8\_A

qqtgtaelimkrvml dlkkplrnm dmkvaeknlntlqpdgswkdvp ykddamtnwlpnnhllqletiiqayiek  
dshyygddkvfdqiskafkywydsdpksrnwwhneiatpqalgemlilmrygkkldealvhkltermkrgep  
ekktgaNkt dialhyfyralltsdeallsfavkel fypvqfvhyeeglqydysylqHgpqlqissYgavfitg  
vlklanyvr dtpyalsteklaifskyyrdsylkairgsymdfnvegRgvsrpdilnkkkaekrllvakmidlk  
hteewadaiartdstvaagykiepyhhqfwngdyvqhrlrpaysfnvrmvskrtrrsesgnkenllgrylsdga  
tniqlrgpeyy nimpvwewdkipgitsrdyltdrpltklwgeqgsndfaggvsdgvygasayaldyds lqakk  
awfffdkeivclgaginsnapenitttlngswl ngpvistagktgrgkittfkaqqqfwllhdaigyyfpega  
nlslstqsqkgnwfhinnshskdevsgdvfklwinhgarpenaqyayivlpginkpeeikkyngtapkvlant  
nqlqavyhqqldmvqaifytagklsvagieietdkpcavlikhingkqviwaadplqkektavl sirdlktgk  
tnrvkidfpqqefagatvelk

>1QJ4\_A

mafahfvlihtichgawihhklkpllealghkv taldlaasgv dprqieeigsfdeyseplltflealppgek  
vilvgeScgglniaiaadkycekiaaavfhns vlpdtehcpsyvvdklmevfpdwkdtt yftytkd gkeitgl  
klgftllrenlytlc gpeeyselakmltrkgs lfnlakrpf ftkegygsikkiyv wtdqDeiflpefqlwqi  
enykpdkv ykveggdHklqltktkeiaeilqevadtyn

>3NKV\_B

eydylfkl llligds gvgksclllrfad dtytesyistigvdfkirtieldgktiklqiwdtagQerfrtitss  
yyrgahgiivvydvtdqesy anvkqwlqe idryasnvnkllvg nksdlttkkvvdnttakefadslgipflet  
saknatnveqafmtmaaeikrm

>3GDP\_B

lattsdhdfsylsfaydatdlelegs ydyvivgggtsgcplaatlsekykvlvlergslptayp nvltadgfv  
ynlqqeddgkt pverfv sedgidnvrgrvl ggt siinagvyarantsiysasgv dwdmdlvnqtyewvedti v  
ykpnsqswqsvtktafleagvhpnhgfsldheegtritgstfdnkgtrhaadellnkgnsn nlrvgvhasvek  
iifsnapgl tatgviyrd sngtphqafvrskgevivs agtigtpqllllsgvgpesylsslnipvvlshpyvg  
qflhdnprnfinilppnieptivtlvgisndfyqcsfsslpfttp pfgffpsssyplpnstfahfaskvagp  
lsygs ltlksssnvr vspnvkfnyysn ltdlsHcvsgmkkigellstdalkpykvedlpgvegfnilgiplpk  
dqtddaafetfcresvasy wHyHggclvgkvldgdfrvtginalrvvdgstfpytpasHpqgfylmlgryvgi  
kilqersasd

>1UWQ\_A

mysfpnsfrfgwsqagfqsemgt pgsedpntdwykwvh dpenmaaglvsgdlpengpgywgnyktfhdnaqkm  
glkiaRlnvewsri fpnplprpqnf deskqdvteveinenelkrldeyankd alnhyreifkdlksrglyfil  
nmyhwp lplwlhdpirvr rgdftg psgwlstrtv yefarf sayiawkfddlvdeystmnEpnVvgglgyvgvk  
sgfppgylsfelsrramyniiqaharaydgiksvskkpvgiiyanssfqpltdkdmeavemaendnrwffda  
iirgeitrekivrddlkgrldwigvNyYtrtvvrktekgyvslggyghgcernsvslaglp tsdfgweffpeg  
lydvltkywnryhlmyvtEngiaddadyqrpyylvshvyqvhra insgadvr gylhws ladnyewasgfsmr  
fgllkvdyntkrlywrpsalvyreiatngaitdeiehl nsvpvpkplrh

>1S3I\_A

mkiavigqslfggevyqcqlrkeghevvgvftipdkdgkadpdgleaekdgvpvf kfpwrarggalpevvaky  
qalgaelnvlpfcsqfipmevinapr hgsiiyHpsllprhr gasainwtlihgdkkggftifwaddglDtgd l  
llqkecevlpddtvstlynrflfpegikgm vqavrliaegtaprcpqseegatyegiqk ketakinwdqpaea  
ihnwirgndkvpgawteacgqkl tffnstlntsgl stqgealpipgahrpgvvtkaglilfgnddrml lvkni  
qledgk mmpasqffkgsd

>1QRG\_A

geitvdefsniren pvt pwnpepsapvidptayidpqasvigevtiganvmvspmasirs dEgmpifvgdrsn  
vQdgvv lhalEtinee gepiednivevdgkeyavyignnsvlahqsqvhgpaavgddtfigmqafvfkskvgn  
ncvleprsaagvtipdgriyagmvvtsqae adklpevtddyayshtneavvyvNvhlaegykets

>1BCR\_B

tgsydpcterystayynrrdvqmalhanvtgamnytwatcsdtinthwhdaprsm lpiyreli aaglriwv fs  
gdtDavvpltatrysigalglptttswypwyddqevggwsqvykgltlvsvrgagHevplhrprqalvlfqyf  
lqgkpmppgqtknat

>1L00\_A

mrnemhlqfsarsenesfarvtvaafvaqldptmdelteiktvsEavtnaiihgynndpngivsisviiedg  
vvhltrdegvgipdieearqplfttkpeleRsgmgftimenfmdevivesevnkgttvylkkhivkskryle  
gssf

>1GPJ\_A

medlvsvgithkeaeveelekarfesdeavrdivesfglsgsvllqtSnrvevyasgardraeelgdlihdda  
wvkrgeavvrHlfrvasglesmmvgeqeilrqvkkaydraarlgltdealkivfrrainlgkrareetriseg  
avsigsaavelaerelgslhdktvlvvgagemgktvaksldrgvravlvanttyeravelardlggeavrfd  
elvdhlarsdvvsataaphpvihvddvrealrkrdrerspiliidianprdveegveniedvevrtiddlrvi  
arenlerrrkeipkveklieeelstveeeleklkerlrvadvakslheikdreleralrrlktgdpenvlqdf  
aaytkrlinlvtsaimelpdeyrraasralrraselng

>1DIN\_A

mltegisigsydghtfgalvgspakapapviviaqeIfgvnafmretvswlvdqgyaavcpdlyarqapgtal  
dpqderqregayklwqafdmeagvgdleaaairyarhqypysngkvglvgyCLggalaflvaakgyvdravgyygy  
vglekqlnkvpvkhpalfhmggqDhfvpapsrqlitegfganpllvhwyeeagHsfartsssgyvasaaal  
anertldflapls

>1V0Y\_A

adsatphldaveqtlrqvspglegdvwertsgnklldgsaadpsdwllqtpgcwgddkcadrvgtkrllakmte  
nignatrtvdistlapfpngafqdaivaglkesaakgnklkvirilvgaapvyhmnvipskyrdeletaklgkaa  
enitlnvasmttsktafswnHskilvvdggsaltgginswkddyltthpvsDvdlaltgpaagsagryldtl  
wtwtcqnksniasvwfaasgnagcmptmhkdtnpkaspagnvpviavgglvgvikdvdpkstfrpdlptasd  
tkcvvglhdntnadrdydtvnpeesalralvasakghieisqqdlnatcpplprydirlydalaakmaagkv  
rivvsdpanrgavsggysqikslseisdtlrnlranitggqqaaktamcsnlqlatfrsspngkwadghpya  
qHhklvsvdsstfyigsknlypswlqDfgyivespeaakqldaklldpqwkysqetatvdyargicna

>1STD\_A

mgsqvqksdeitfsdylglmtcvyewadsYDskdwdrllrkviaptlridYrsfldklweampaeeefvgmvssk  
qvlgdptlrtlrtqHfiggtrwekvsedevigyhlrvpHqrykdttmkevtmkghahsanlhwykkidgvwkfag  
lkpdirwgefddrifiedgretfgdk

>1MUG\_A

mvedilapglrvvf CGI Npglssagtgf fahpanrfwkviyqagftdrqlkpqeaqhlldyrcgvtklvdrp  
tvqanevskqel haggrk liekiedyqpqalailgkqaye qgfsqrgaqwgkqtltigstqiwlvpnpsglsr  
vsleklveayreldqalvvrg

>2THI\_A

ahsdassditlkvaiypyvpdparfqaavldqwqrqepgvkleftdwdsysadppddldvfvldsiflshfvd  
agyllpfgsqdidqaedvlpfalqgakrngevyglpqilCtnllfyrkgdlkigqvdnilyykkigtshseq  
ipppqnkgllinmaggttkasmylealidvtgqyteydlppldplndkvirglrllinmagekpsqyvpedg  
dayvraswfaqgsgrafigysEsmmrmdyaeqvr fkpissagqdiplfysdvsvnsktahpelakklanv  
masadtveqalrpqadgqypqyllparhqvyealmqdy piyselaqivnkpsnrvfrlgpevrtwlkdakqvl  
pealgltdvsslas

>1ROZ\_A

megslereapagalaavlkhsstlppestqvr gydfnrgvnyralleafgttgfgatnfggravqqvnamiekk  
leplsqdedqhadltqsr rpltsctiflgytsnlissgiretirylvqhnmvdlvttaggveEdlikclapt  
ylgefslrgkelrenginrignllvpnenyckfedwlpildqmvmeqntegvkwtpskmiarlgkeinnpes  
vywaqknhipvfspaltdgslgdmiffhsyknpglvldivedlrlintqai fakctgmii lgggvkHhian  
anlmrngadyavyintagefdgdsdsgarpdeavswgKirvdaqpvkyadaslvfpllv aetfaqkmdafmhe  
kned

>1CB7\_B

melknkwtdeefh kqreevlqqwptgkevdlqeavdylkkipaeknfaeklvlakkkgitmaqpragvalld  
ehiellrylqdeggadflpstidaytrqnrydecengikese kagrsl lngfpgvnfgvkgrkvleavnpl  
qarhgtpdsrllaeiihaggwtsnEgggisynvp yaknvtiekslldwqycdr lvgfyeeqgvhinrepfgpl  
tgtlvppsmsnavgiteallaaeqgvknitvgygecgnmiqdiaalrcleeqtneylkaygyndvfvtvfqh  
wmggfpqdeska fgvivtattiaalagatkvivktpheaignptkeanaagikatkmalnmlegqrm pmskel  
etemavikaetkcildkmfelgkgdlaigtvkafetgvmdipfgpskynagkmm pvrdnlgcvrylefgnvpf  
teeiknynrerlqerakfegrdrv sfqmviddifavgkgrligrpe

>1DYP\_A



smqppiakpgetwilqakrsdefnvkdatkwnfqtenygvswknenatvskgklklttkreshqrtfwdgc  
qqqvanyplytsgvakrsratgnygyyearikgastfpgvspafwmystidrsltkegdvqysEiDvVeltqk  
savresdhdlhniivvkngkptwmrpgsfpqtnhngyhlpfdrndfhtygvnvtkdkitwyvdgeivgekndl  
ywhrqmnltsqglraphtqwkcnqfypsanksaegfptsmevdyvrtwkv

>1LAM\_A

tkglvlgisyekeedepqftsagenfnklvsgklreilnisgpplkagktrtfyglhedfpsvvvvglgkkt  
agidegenwhegkeniraavaagcrqigdleipsvevdpcgdaqaaaegavlglyeyddlkqkrkvvsaklh  
gsedqeaawqrgvlfasgqnlarrlmetpanemtpkfaeiveenlksasiktdvfirpkswieeqemgsflsv  
akgseppvfleihykgsnasepplvfvgkgitfDsggisikaanmdlrmadmgaaticsaivsaakldl  
pinivglaplcnmpsgkankpgdvvrarngkti qvndt daegRliladalcyahfnpkviinaatltgamd  
ialgsgatgvftnsswlwnklfeasi etgdrvwrmplfehytrqvidcqladvnnigkyrsagactaaflke  
fvthpkwahldiagvmtnkdevpylrkgmagrp trtlieflfrfsq

>2NAC\_A

akvlcvlyddpvdgypktyarddlpkidhyppggqtltpkaidftpgqllgsvsgelglrkylesnghtlvvt  
sddkdpdsvferelvdadvvisqpfpayltperiakaknlklaltagigsdhvdlqsaidrnvtvaevtycN  
sisvaehvmmilslvrnylpshe warkggwniadcvs haydleamhvg tvaagriglavlr rlapfdvhlhy  
tdrhr lpesvekelnlt whatredm ypvcdvvtlncplhp etehmindetlklfkr gayivntaRgklcdrda  
varalesgrlagyagdvwfpQpapkdhpwr tmpyngmtPHisgttltaqaryaagtreilecffe grpirdey  
livqggalagt gahsyskgnatggseea

>1E7Q\_A

makqrvfiaghr gmvgsairrqleqrgdvelvlrtrdelnll dsravh dffaseridqvylaaakvgg ivann  
typadfiyqnm miesnihaahqndvnlklflgAsCiy pklakq pmaesellqgtleptnepYaiaKiagikl  
cesynrqygrdyrsvmptnlygphdnfhpsnsHvipallrrfheataqsapdvvvwsgtpmreflhvddmaa  
asihvmelahevwlentqpmlshinvgtgv dctirelaqtiakvvgykgrv vfdaskpdgtprkll dvtrlhq  
lgwyheisleaglastyqwflenqdrfrg

>1OG1\_A

ltgplmldtapnafddqyegcvnkmeekaplllqedfnmnaklkvaweeakkrwnnikpsrsypkgfndfhgt  
alvaytg siavdfnravrefkenpgqfhykafhyyltralqllsngdchsvyrgtktrfhytgagsvrfgqft  
SsslskkvaqsqEffs dhgtlfiiktclgvyikefsfRpdqeEvlipgyevyqkvrtqgyneifldspkrkks  
nynclys

>1DE3\_A

avtwtc lndqknpktnkyetkrll ynqnkaesnshhaplsdgktgssypHwftngydgdgklpkgrtpikfgk  
sdcd rppkhskdngktdhyllEfptfpdgdhdykf dskkpkpenpgparviytypnkvcgiiaHtkenqgelk  
lcsh

>1CHM\_A

qmpktl rirngdkvrstfsaqeyanrqar lrahl aaenidaaiftsyhninyysdflycsfgrpyalvvtedd  
visisanidggqpwr rtvgtdnivytdwqrdnyfaaiqqalpkarrigiehdhlnlqnrdklaarypdaelvd  
vaaacmr mriksaeehvmirhgariadiggaavvealgdqvpey evalhatqamvraiadt fedvelmdtw  
wfqsgintdgaHnpvttrkv nkgdilsln cfpmiagyytalErtlfl dhcsddhlrlwqvnvevheaglklik  
pgarcsdiarelneiflkhdv lqyrtfgyghsfgtlsHy ygrea glelredid tvlep gmvvsmEpmimlpeg  
lp gaggyrehdilivnengaenitkfpygpekniir

>1A50\_B

ttllnpyfgef ggmypqilmpalnqleeafvraqkdpefqaqfadllknyagrptaltkcqnitagtrttly  
lkredllhgg aHKtnqvlgqallakrmgkse iiaetgagqh gvasalasallglkc riyngakdverqspnvf  
rmrlmgaevipvhsgsatlKdacnealrdwsgsyetah ymlgtaagphpyptivrefqrmigeetkaqildke  
grlpdaviacvgggsnaigmfad findt svgligvepgghgietgehgaplkhgrvgyifgmkapmmqtadgq  
ieesysisag lDfp svgpqhaylnsigradyvsitddealeafktlcrhegiipaless halahalkmmreqp  
ekeqllvvn lSgrgdkdiftvhdilkargei

>1AQ2\_A

mrvnngltpqeleaygisdvhdvynpsydllyqeeldpsltgyergvlt nlgavavdtgiftgrspkdkyiv  
rddttrdtfwadkgkgkndnkplspetwqhlkglvtrqlsgkrlfvvda fcganpdtrlsvr fitevawqah  
fvknmfirpsdeela gfkpdfivmngakctnpqweqglnsenfva fnltermqliggtwyggemkkgmfm  
nyllplkgias mHcsanvgekgdvavffglsgtgKttlstdpkrrligddehgwd ddgvfnfeggcyaktikl  
skeaepei ynairrdallenvtvredgtid fddgsktentRvsy piyhidnivkpvskaghatkvifltadaf

gvlpvvsriltadqtqyhflsgftaklagtergiteptptfsacfgaafslshptqyaevlvkrmqaagaqayl  
vntgwngtgkrisikdtraiidailngsldnaetftlpmfnlaiptelpgvdtkildprntyaspeqwqekae  
tlaklfidnfdkytdtpagaalvaagpkl

>6CHA\_F

ivngeeavpgswpwqvsldqktgfhfcggslinenwvvtaaHcgvttsdvvvagefdqgsssekiqklkiakv  
fknskynsltinDitllklstaasfsqtvsvavclpsasddfaagttcvttgwgltry

>1UJN\_A

mqrlevrepvpypilvgegvakevpplagpaallfdrrevgfagevakalgvrrhllglpggeaakslevygvk  
lswlaekglprnatllvvvggtltdlggfvaatylRgvaylafptttlaivdasvggKtginlpegknlvgaf  
hfpqgvyaelralktlplptfkeglveafkhgliagdeallkvedltpqsprleaflaravavKvrvtteedpl  
EkgrRrllNlghtlgHaleaqtrhalphgmavaygllyaallgralggedllppvrlllwlspplplplafe  
dllpylslhwvplapgrlvvrplpegllreafaawreelkglgll

>1PP4\_A

ttvylagdStmakngggsgtngwgeylasylsatvvndavaGrsarsytregrfeniadvvtagdyvivefgh  
Ndggslstdngrtdcsgtgaevcysvydgvnetiltfpaylenaaklftakgakvilssqtpnnpwetgtfvn  
sptrfveyaelaaevagveyvdhwsyvdsiyetlgnatvnsyfpiDhtHtspagaevvaeaflkavvctgtsl  
ksvltttsfegtcl

>3H6I\_D

peqamrerselarkgiaraKsvvalayaggvlfvaenpsrslqKiselydrvfgaaaGkfnefdnlrrggiqf  
adtrgyaydrddvtgrqlanvyaqtlgtifteqakpyevelcvaevahygetkrpelyritydgsiadephfv  
vmgGttepianalkesyaenasltdalriavaalragvaslevavldanrprrafrritgsalqall

>1QQ5\_A

mikavvfDaygTlfdvqsvadateraypgrgeyitqvWRqkqleyswlralmgryadfwsvtrealaytlgtl  
glepdesfladmaqaynrlltpypdaaqclaelaplkrailsNgapdmlqalvanaglt dsfdavisvdakrvf  
KphpdsyalveevlgvtpaevlfvSsNgFDvggaknfgfsvarvarlsqealarelvsqtiaplmtfkalrmr  
eetyaeapdfvvpalgdprlvrgmagahlapav

>1MLV\_C

mtepslspavqtfwkwlqeegvitaktpvkasvvtteglglvalkdisrndvilqvprlwinpdavaaseigr  
vcseklpwlsvilflirersredsvwkhyfgilpgetdstiywseeelqelqgsqllkttvsvkeyvknecl  
leqeiiilpnkrllfpdpvtlddffwafgilrsrafsrlrnenlvvvpmadlinhsagvttedhayevkgaaglf  
swdyflslksplsvkageqvyyiqYdlknsnaelaldygfiepnenrhaytltleisesdpffddkl dvaesng  
faqtayfdifynrtlppgllpylrlvalggtdaflleslfrdtiwghlelsvsrdneellckavreacksala  
gyhttieqdelkegnldsrlaiavgiregekmlvqqidgifeqkeleldqleyyyqerrlkdglglcgengdil  
enlyfq

>2AAA\_A

lsaaswrtqsiyflldtrfgrtdnstattatcntgneiycggswwggiidhldyiegmgtaiwispitelpqdt  
adageayhgywqqkiydvnsnfgtadnlkslsdalhargmylmvdvvpdHmgyagngndvdysvfdpfdsssyf  
hpyclitdwdnltmvedcwegdtivslpdltdtetavrtiwydwvadlvsnysvdglRiDsvlevqpdfpgy  
nkasgvycvgEidnGnpasdcpyqKvldgvlvnypiywqllafesssgsisnlynmiksvasdcspdtllgnf  
ienHDNprfakysdysqaknvlsyiflsdgipivyageeqhyaggkvypynreatwlsqydt saelytwiatt  
nairklaiaadsayityandafytdsntiamakgtsgsqvitvlsnkgssgssytltslsgsgytsgtkliay  
tctsvtdssgdipvpmasglprvllpasvvdssslcg

>1I4N\_A

rllweiveakkkdileidgenlivqrrnrhflevlsgkervkiiaEfKkaspsagdinadasledfirmydel  
adaisiltekhyfkgdpafvraarnltcrpilaKdfyidtvqvklassvgadailiiariltaeqikeiyaaa  
eelgmdslvEvhsredlekvfsvirpkiigiNtrdldtfeikknvlwellplvpddtvvvaesGikdprelkd  
lrgkvnalvgtsimkaenprfleemrawe

>2IAG\_A

rtrrpgeppldlgsipwlgyaldfgkdaasfltrmkekghdiftilvggryvtvllldphsydavvweprtrld  
fhayaiflmerifdvqlphyspsdekarmkltllhrelqalteamytnlhavllgdateagsgwhemglldfs  
ysfllragyltlygiealprthesqaqdrvhadvfhtfrqldrllpklargslsvgdkdhmcsvksrllwkl  
sparlarrahrskwlesyllhleemgvseemqaralvlqlwatqGnmgpaafwlllflknpealaavrgele  
silwqttlppqkvlldstpvldsvlseslrltaapfitrevvvdlampmadgrefnlrrgdrlllfpflspqrdp

ei ytdpevfky nrf lnpdgsekkdfykdgkrlknynmpWgaghn hClgrsyavnsikqfvflvlvhl dlelin  
adveipefdlsrygfglmqpehdvpvryrirph

>2LIP\_A

adnyaatrypiilvhgLtgt dkyagvleywygigedlq qrgatvyvanlsgfqsd dgpngrgeql layvktvl  
aatgatkvnlvghSQgg ltsryvaavapdlvasvttigtphrgsefadfvqgvlaydptgl sstviaafvnvf  
giltsssnntnqdalaalktltt aqaatynqnypsaglgapgscqtgaptetv ggnthll yswagtaiqptis  
vfgvtgatdtstiplvdpanal dpstlal fgtgtvmvnrsgsqnDgvvskcsalygqvlstsykwnHldeing  
llgvr ganaedpvavirthanrlklagv

>1DUP\_A

mmkkidv kildprvgkefplptyatsgsagldlrac lndavelapgdttl vptglaihiadpslaammlprsg  
lghkhgivilgnlvgliDsDyqqqlmisvwnrgqdsftiqpgeriaqmifvpvvqae fnlvedfdatdrgeggf  
ghsgrq

>1GUF\_B

mitaqavlytqhgepkdvlftqsfeidddn lapnevivktlgspvnpSdiNqi qgvYpskpakttgfgttepa  
apcgneglf evikvgsnvssleagdwvipshvnfgt wrthalgndddfiklpnpa qskangkpn gltinqgat  
isvnpltaylmlthyvkltpgkdwfiqnggtsavgyasqigkllnfnsisvir drpnldevvaslkelgatq  
vitedqnnsrefgptikewikqsggeaklalncv ggsstgiarklnnglmltyggmsfqpv tiptslyifk  
nftsagfwtellknnkelktstlnqiiawyeegk ltdaksietlydgtkplhelyqdg vanskdgkqlity

>1J49\_A

mtkifayairedekpf lkewedahkdveveytdklltpetvalakgadgvvvyqqldyiaetlqaladngitk  
mslrnv gvdnidmakakelgfqitnvpvyspnaiaehaa iqaarilrqdkamdekvarhdlrwaptigrevrd  
qvvgvvgtg higgvfmqimegfgakvitydifrnpelekkgyyvdslddlykqadvislhvpDvpanvhmind  
esiakmkqdvvivnvsRgplvdt davirgl dsgkifgyamDvyegEvgifnedwegkefpdarladliarpnv  
lvtpHtafytthavrnmvvkafdnnlelve gkeatp vkvg

>2Q03\_A

esdpiaivsmacr lpggvntpqrlwellreggetlsgfptdr gwdlarlh hpdpdnp gtsyvdkggf lddaag  
fdaeffgvspreaaamd pqqrrllletswelvenagidphslrgt atgvflgvakfgygedtadvegysvtgva  
pavasgrisytmgle gsisvdtacssslvalhlaveslrkgessmavvggaavmatpgvfvd fsrqralaad  
grskafgagadgfgfse gvtlvllerlsear nghev lavvrgsalnqdgasnglsaps gpaqrrvirqales  
cglep gdv daveahgtgtal gdpieanall dtygrdrdad rplwlgsvksnightqaa agvtgllkvvlaln  
gelpatlhveeptphvdwssggvallagnqpwr rgertrraavsafgis gtnahviveeapeh dgrpvplvvs  
arstaalraqaaqiaellerp dadlagvg lglattrarhehraavvastreeavrglreiaagaatadavveg  
vtevdgrnvvflfpgQgsq wagmgae lssspvfagkiracdesmapmqdwkvsdvlr qapgapgl drvdvvq  
pvlfavmvslaelwrsy gvepaavvghSQgeiaaa hvagaltledaaklvvgRsrlmrs lsgeggmaavaalge  
aavrerlrpwqdr lsvaavngprsvvvsgepgalraf sedcaaegirvr didvdyasHspqiervreellet  
gdiaprparvtfhst vesrsm dgteldarywyrNlretvrfadav trlaesgydafiev sphvvvqaveeav  
eeadgaedavvvgs lhrdggdlsaflrsmatahvs gvdirdvalpgaapfalpty pfqrkrywlq

>2AMG\_A

dqagkspnavryhggde iilqgf hwnvvreapndwynilrqqaatiaad gfsaiwmpvpwrdfsswsd gsksg  
ggegyfwhdfnkn grygsdaqlrqaasalggagvk vlydvvpnhmnr gypdkeinlpagqgfwrndcadpgny  
pndcddgdrf iggdadlntghpqvygmfrdeftnlrsqygaggfrfDfvrgyapervnswm tdsadnsfcvgE  
lwkgpseypnwdwrntaswqqiikdwsdrakcpvfdfalkermqngsiadwkhgln gnpdprwrevavtfv d n  
hDtgy spgqnggqh hwalqdglirqayayiltspgtpvv ywdhmydwgygd firqliqvrraagvradsaisf  
hsgysglvatvsgsqqt lvvalnsdlgnpgqvasgsfseavnasngqrvwrs

>1Q3N\_A

mkqkvvsigdin vandlpfvlfggm nvlesrdlamricehyvtvtqklgipyvfkasfdkanrssihsyr gpg  
leegmkifqelkqtfgvk iitdvhepsqaqp vadvvdviqlpaflarqtdlveamaktgavin vkkpqfvspg  
qmgnivdkfkeggnekvilcdrganfgydnlvvdmlgfsimkkvsgnspvi fdvtHalqcrdpfgaasgrra  
qvaelaragmavglaglfieahpdpehakcdgpsalplaklepflkqmkaiddlvkgfeeldtsk

>1WAO\_4

galkraeelktqandyfkakdyenaikfysqaielnpsnaiyygnrslaylrtecygyal gdatraiel dkk y  
ikgyyrraasnmalgkfraalr dyetvvkvkphdkdakmkyqecnkivkqkaferakrsvvdsldiesmtied  
eysgpkl edgkv tisfmkelmqwykdqkklhrk cayqilvqvkevlsklstlvettlketekitvcgdthgqf  
ydl lnifelnglpsetnpyifngdfvDRgsfsveviltlfgfkll ypdhfhllrgNHetdnm nqi ygfegevk

akytaqmyelfsevfewlplaqcingkvlimhgglfsgdvtlddirkiernrqpdpdsgpmcdllwsdpqpqn  
grsiskRgvscqfgpdpvtkafleennldyiirsHevkaegyevahggrcvtvfsapnycdqmgmkasyihlqg  
sdlrpqfhqftavphpnvkvpmayantll

>1NID\_A

aagaapvdistlprvkvdvlpkppfvhahdqvaktgprvveftmtieekklvidregteihamtfnsgsvpgplm  
vvhendyvelrlinpdntllhniDfhaatgalggaltqvnpggettllrfkatkpgvfvyhcapegmvpwhv  
tsgmngaimvlprdgldkdegqpltydkiiyyvgeqdfyvpkdeagnykyetpgeayedavkamrtltptthiv  
fngavgaltgdhaltavgervlvhsqanrdtrpHligghgdyvwatgkfrnppdldqetwlipggtagaaf  
ytfrqpgvyayvnhnlleaafelgaaghfkvtgewnddlmtsvvkpasm

>2QLB\_C

tyqynmnfeklgkciinnknfdkvtgmGvrngtdkdaaealfkcfslgfdvivyndcscakmqdllkkasee  
dhtnaacfacillsHGeenviygkdgvtpikdltahfrgdrcktllEkpkllffiqacRGtelddgiq

>8PCH\_A

yppsmdwrrkknfvsppvknQgscgsCwtfsttgalesavaiatgkmlslaeqqlvdcaqnfnnhgcqggplsq  
afeyiryngkimgedtypykgqddhckfqpdkaiafvkdanitmnndeeamveavalynpvsfafevtndflm  
yrkgiysstschktpdkvnHavlavgygeengipywivkNswgpgwgmngyfliergknmcglaacasypipl  
v

>3N3B\_B

risainwnkisddkdlevwnrltsnfwlpekvplsndipawqtltvveqqltmrvftgltlldtlqnvigaps  
lmpdaltphoeavlslsnisfmeavharsYssifstlcqtkdvdaayawseenaplqrkaqiiqqhyrgddplkk  
kiasvflesflfysgfwlpmfssrgklntadlirliirdeavhgyyigykyqknmekislgqreelksfaf  
dlillelydnelytdelyaetpwaddvkaflcynankalmnlgyeplfpaemaevnpailaalsp

>1ABR\_A

edrpikfstegatsqsykqfiealrerlrngglihdipvlpdpttlqernryitvelsnsdtesievgidvtna  
yvayragtqsyflrdapssasdyfltgtdqhsplfygtygdlerwahqsrqqiplglqalthgisffrsggn  
dneekartliviiqmvaEaaRfryisnrvrvisiqtgtafqpdamislennwdnlsrgvqesvqdtfnpqvtl  
tnirnepvividslshptvavlaalmfvcnppn

>1QK2\_B

tatysgnpfvgvtpwanayyasevsslaipsltgamataaaavakvpsfmwldtldktpmeqtladirtank  
nggnyagqfvvYdlpdRDcaalasngeysiadggvakynyidtirqivveysdirtllviepDslanlvtnl  
gtpkcanagsaylecinayvtqlnlpnvamyldaghagwlgwanqdpaaqlfanvyknasspralrglatnv  
anyngwnitsspsytqgnavyneklyihaigpllanhgwsnaffitdqqrgsgkqptgqqqwgdwcnvigtgfg  
irpsantgdslldsfvwvkpgggedDgtsdssaprfdshcalpdalqpapqagawfqayfvqlttnanpsfl

>1APY\_A

ssplplvntwtpfkateaaawralasggsaldavesgcamcereqcdgSvfgggspdelgettladamimdgtt  
mdvgavgdrrriknaigvarkvlehtthtlvgesattfaqsmgfinelstsasqalhswlarnrcqpnpywr  
nvipdpkskycgpykpp

>1I9A\_A

mqttehwillnaqgvptgtlekyaahtadtrhlhafsswlfnakgqllvtrralskkawpgvwtnsvCghpqlg  
esnedavirrcryElgveitppesiypdfryratdpsgivenEvcpvfvaarttsalqinddevmdyqwcldlad  
vlhgidatpwafspWmvmqatnrearkrlsaftqlk

>1B9H\_A

mnarkapefpawpqqyddaernglvraleqggqwwrmggdevnsferefaahhgaahalavtngthalelalqvm  
gvpggtevivpaftFisssqaaqrlgavtvpvdvdaatynldpeavaaaavtprtkvimpvhmaglmadmdala  
kisadtgvplllQDaahahgarwqgkrvgeldsiatfsfqngKlmtageggavvfpdgetekyetaflrhscgr  
prddrryfhkiagsnmrlnefsasvlraqarldegiavrderwtllsrllgaidgvvpqggdvradrnshym  
amfripglteerrnalvdrleaglpafaafraiyrtdafwelgapdesvdaiarrcpntdaissdcvwlhhr  
vllagepelhataeiiadavara

>1K4L\_A

mpstdsipksnfdaipdvigafkngefvvvlddpsreneaDliiaaesvtteqmafvmvrhssgliCapltper  
ttaldlpqmvthnadprgtaYtvsvDaehpstttgisahdracrmלאapdaqpsfrrpgHvfplravagg  
vrrrghteagvelcrlagkrpvavisEivddgqgegravraapgmrlrgdecvafarrwglkvctiedmiah  
vektegkletngsg

>1CJY\_A

msfidpyqhiivehqyshkftvvvlratkvtkgafgdmldtpdpyvelfisttpdsrkrtrrhfnndinpvwne  
tfefildpnqenvleltlmdanyvmdetlgtatftvssmkvgekkevpfifnqvtemvlemslevcscpdrlf  
smalcdqektfrqqrkehiresmklllgpknseglhsardvpvavilgsgGGframvgfsgvmkalyesgild  
catyvaglSgstwymstlyshpdfpekgpeeineelmknvshnplllltpqkvkryveslwkkkssgqpvtft  
difgmligetlihnrmnttlsslkekvntaqcplplftclhvkpdrvselmfadwvefspyigmakygtfmap  
dlfgskffmgvtvvkkyeenplhflmgvwgsafsilfnrvlgvsgsqrgstmeeelenittkhivsndssdsd  
deshepkgtenedagsdyqsdnqaswihrmimalvsdsalftntregragkvhnfmlglnlntsypplsldfa  
tqdsfdddeldaavadpdeferiyepldvkskkihvvDsgltfnlpyplilrpqrgvdliisfdfsarpsdss  
ppfkelllaekwakmnklpfpkidpyvfdreglkecyvfkpknpmekdcptiihfvlaniinfrkykapgvpr  
eteeeeekeiadfdifddpespfstfnfqypnqafkrlhldlmhftlnnidvikeamvesieyrrqnpsrcsvsl  
snvearrffnkeflskpka

>1HR9\_A

artdnfklsslانگلkvatsntpgfhfsalglyidagsrfegrnlgkcthildRlafkstehvegramaetlel  
lggnyqctssrenlmyqasvfnqdvqkmlqlmsetvrfpkiteqelqeqklsaeyeidevwmkpelvlpellh  
taaysgetlgspliprglipisiskyyllldyrnkfytpentvaafvgvphekaleltgkylgdwqsthppitk  
kvaqytggescippapvfgnlpelfhiqigfeglpidhpdialatlqtllgggggpgkgmysrlythvlnqy  
yfvencvafnhsysdsgifgislsqipqaapqaveviaqqmyntfankdlrltedevsraknqlkssllmnl  
sklveledmgrqvlmhgrkipvnemiskiedlkpddisrvaemiftgnvnnagngkgratvvmqgdrgsfgdv  
envlkayglgnsss

>1OZH\_A

mdkqypvrqwahgadlvvsqleaaggvrqvfgipgakidkvfdslldssiriipvrheanaafmaaavgritgk  
agvalvtsgpgcsnlitgmatansegdpvvalggavkradkakqvhqsmdtvamfsvptkyaievtapdalae  
vvsnafraaeqgrpgsafvslpqdvvdgvpvsgkvlpasgapqmgapddaiddqvakliaqaknpifllglmas  
qpenskalarlletshipvtstyqaagavnqdnfsrfagrvglfnngagdrllqladlvicigyspveyepam  
wnsgnatlvhidvlpayeernytpdvelvgdiagtlnklaqnidhrlvlsppaaeilrdrqhqrrelldragaq  
lnqfalhplrivramqdivnsdvtltvdMgsfhiwiarylytfrarqvmisnggqqtMgvalpwaigawlvnpe  
rkvvsvsgdggfllqssmeletavrlkanvhlhliwvdngynmvaiqeekkyqrlsgvefpgpmdfkayaesfgak  
gfavesaealeptlraamdvdgpavvaipvdyrndnpllmqqlhlsqilehhhhhhh

>1I8T\_A

mydyiivgsglfgavcanelkklnkkvlviekrnhiggnaytedcegiqihkygahifhtndkyiwdyvndlv  
efnrftnsplaiykdklfnlpfnmntfhqmwgvkdpqeaqniinaqkkkygdkvpenleeqaislvgedlyqa  
likgytekqwgrrsakelpafiikRipvrftfdnnyfsdryqggipvggytkliekmlegvdvklgidflkdkds  
laskahriiytgpidqyfydyrfgaleyrsllkfeterhefnpfqgnavinftdanvpytRiiekhkfydyvetkh  
tvvtkEyplewkvgdepyppvndnknmelffkkyrelasredkvifggrrlaeykyDmhqvvisaalyqvknims  
td

>1F3L\_A

dlqededgvyfssyghygiheemlkdkvrtesyrdfiyqnphifkdkvvldvgcgtgilsmfaakagakkvia  
vdqseilyqamdiirlnkledtivlikgieevslpvekvdviiisEwmgylflfEsmldsvlyakskylakgg  
svypdictislavsdvskhadriaafwddvygfnmscmkkavipeavvevdhktlisdpcdikhidchtsi  
sdlefssdftlrrttktamctavagyfdiyfeknchnrvvfstgppqstkthwkqtifllekpfpvkagealkgk  
itvhknkkdprslivtltlnsstqtyslq

>1DHF\_A

vgslncivavsqnmgigkngdLpwpplrnEfryfqrmtttssvegkqnlvimgkktwfsipeknrplkgrinl  
vlsrelkeppqgahflsrslddalklteqpelankvdmvwivggssvykeamnhpghlklfvtrimqdfesdt  
ffpeidlekykllpeypgvlsdvqeekgikykfevyeknd

>1AGI\_A

aqddyryihfltgHydakpkgrndeycfnmmknrrltrpcKdrntfihgnkndikaicedrngqpyrgdlris  
ksefquitickhkgssrppcrygatedsrvivvgcenglpvHfdesfitprh

>1GCI\_A

aqsvpwgisrvqapaahnrgltgsgvkvavlDtgisthpdlnirggasfvpgepstqdgngHgthvagtiaal  
nnsigvlgvapsaelyavkvlgasgsgsvssiaagglewagngmhvanlslgspspsatleqavnsatsrgvl  
vvaasgNsgagsisyparyanamavgatdqnnnrassfygagldivapgvnvqstypgstyaslngtSmatp  
hvagaaalvkqknpswnvqirnhlknatatslgstnlygsglvnaeaatr

>1BO1\_A

mssnctsttavavaplsasktktkkkhfvcqkvklfrasepilsvlmwgvnhtinelsnvpvpmmlmpddfkay  
yskikvdnhlfnkenlpsrfkfkeycpmvfrnlrerfgiddqdyqnsvtrsapinsdsqgrcgtrflttydr  
fviKtvssedvaemhnilkkyhqfivechgentllpqflgmyrltvdgvetyvmvtrnvfshrltvhrkydlkg  
stvareasdkekakdlptfkndnflnegqklhvgeeskknflekklrdveflaqlkimDysllvgihdvdrae  
qeemeveeraeceedcendgvvggnllcsygtppdspgnllsfprffgpggefdpvsvdyamkshesspkkevym  
aiidiltpydtkkkaahaaktvkhgagaeistvnpeqyskrfnefmsnilt

>1A26\_A

altvsagtksklakpiqdlikmifdvesmkkamvefeidlqkmpglgklskrqiqsaysilnevqqavsdggse  
sqildlsnrfytliphdfgmkkppllsnleyiqakvqmldnlldievaysllrggnedgdkdpidinyeklrt  
dikvvdkdseeakiikqyvknthaathnaydlkvveifrieregessqrykpfkqlhnrqllwhgsrttnfagi  
lsqglriappeapvtgymfgkgyfadmvksanYchtsqadpigliillgevalgnmyelknashitklpkkg  
hsvkglgktapdptatttldgvevplngnistgindtcllynEyivydvaqvnkylklklfnyktslw

>1PFK\_A

mikkigvltsgGdapgmnaairgvrsalteglevmgiydgylglyedrmvqldrysvsdminrggtflgsaR  
fpfrdeniravaaienlkkrgidalvviggdgsyngamrltemgfpiciglpGtiDndikgtdytigfftalst  
vveaidrlrdtssshqrisvvevmgRycgdltlaaaiaggcefvvpevefsredlvneikagiakgkkaiv  
aitehmcdvdelahfieketgretratvlghiqrqgspvpydrilasrmgayaidlllagyggrcvigiqneql  
vhddiidaaienmkrfpkgdwldcakkly

>1EEJ\_A

ddaaqqtlakmgikssdiqpapvagmktvltnsqvllyitddgkhiiqgpmvdyvgstapvnvtnkmlkqlna  
lekemivykapqekhvitvftditCgYChklheqmadynalgitvrylafpRqgldsdaekemkaiwcakdkn  
kafddvmagksvapascdvdiadhyalgvqlgvsgtpavvlsngtlvpgyqppkemkefldehqkmtsgk

>1F8M\_A

asvvgtpksaeqiqgewdtnprwkdvtrtysaedvvalqgsvveehtlarrgaevlweqlhdlewvnalgalt  
gnmavqqvraglkaiylsgwqvagdanlsghtypdqsllypansvpqvrrinnalqradqiakegdtssvenw  
lapivadgeagfggalnvylqkaliaagvagsHwedqlasekkCgHlggkvliptqqhirtltsarlaadva  
dvptvviaRtdaeaatlitsdvderdqpfittgertregfyrtkngiepciarakayapfadliwmetgtpdle  
aarqfseavkaeypdqmlayncspsfnwkkhlldatiakfQkelaamgfkfQfitlagfhalnysmfdlaygy  
aqnqmsayvelqerefaaeergyatkhqrevgagyfdriattvdpnssttaltgsteeqqf

>1HXQ\_A

mtqfnpvdhphrrynpltgqwilvsphrakrpwqgaqetpakqvlpahdpdcflcagnvrvtgdknpydtgty  
vftndfaalmsdtpdapeshdplmrcqsargtsrvicfspdhsktlpelsvaalteivktwqeetaelgktyp  
wvqvfenkgaamgCsnHpHgQiwansflpneaeredrlqkeyfaeqkspmlvdyvqreladgsrtvvete  
hwlavvpywaawpfetlllpkahlvritdltadaqrSDLalakkltstrydnlfqcsfpysmgwhgapfng  
eenqhwlhahfyppllrsvatrkrfmvgyemlaetqrdltaeqaaerlravsdihfresgv

>1PJ5\_A

mastpriviigagivgtlnladelvtrgwnnitvldqgplnmpggstshapglvfqtnpsktmasfakytvekl  
lsltedgvscfnqvgglevattetrladlkrklgyaaaawgiegrllspaecqelyplldgenilgghvpsdg  
lasaaravqllikrtesagvtyrgstttvgieqsggrvtgvqtadgvipadivvscagfwgakigamigmavp  
llplaHqyvkttpvpaqqgrndqpngarlpilrhqdqdlYyrehgdrygigsyahrpmpvdvdtlgayapetv  
sehhmpsrlldftledflpaweatkqllpaladseiedgfngifsftpdggplllgeskelldgfyvaeavwvths  
agvakamaellttgrsetdlgeditrfedvqltpeyvsetsqqnfveiydvlhplqprlsprnlrvspfh  
arhkelgaffleaggwerpywfeanaallkempaewlppardawsgmfsspiaaaeawktrtavamydmtplkrl  
evsgpgalkllqelttadlakpgavtytllldhaggvrsDitvarlsedtfglgangnidtayferaarhqt  
qsgsatdwvqvrtdttggtcciglwgpplardlvskvsdddftndglkyfraknvviggiptamrlsyvgelgw  
elytsadngqrlwdalwqagqpfvgviaagraafsslrlekgyrswgtdmttehdpfeaglgfavkmakesfig  
kgalegrteeasarrrlcltiddgrsivlgkepvyfykeqavgyvtsaaygytvakpiaysylpgtvsvgdsd  
viefgrritatvtedplydpkmtrlg

>1BGL\_A

tmitdslavvlqrrdwenpgvtqlnrllaahppfaswrnseeartdrpsqqlrslngewrfawfpapeavpesw  
lecdlpeadtvvvpsnwqmhygdapiytnvtypitvnpvfptenptgcysltfnvdeswlqegqtriifdg  
vnsafhlwcngrwvgygqdsrlpsefdlsaflragenrlavmvlrwsdgsyledqdmwrmsgifrdvslhkpt  
tqisdhvatrfnddfsravleaevqmcgelrlyrlvrvslwqgetqvasgtapfggeiiderggyadrvtlr  
lnvenpklsaeipnlyravvelhtadgtlieaeacdvgfrevriengllllngkpllirgvnrhehhplhgq

vmdeqtmvqdillmkqnnfnavrcshypnhplwytlcdryglyvvdeaniethgmvpnmnrldddprwlpamse  
rvtrmvqrdrnhpsviiwslgnEsghganhdalyrwiksvdpsrpvyegggadttatdiicpmyarvdedqp  
fpavpkwsikkwlsplpgetrplilcEyahamgnsllggfakywqafraqyprlqggfvwdwvdslikydengnp  
wsayggdfgdtndrqqfcmnglvfadrtphpalteakhqqqffqfrlsggtievtseylfrhsdnellhwmva  
ldgkplassevpldvapqgkqlielpelpqpesagqlwltvrvvqpnatawseaghisawqqwrlaenlsvtl  
paashaiphlttsemdfcielgnkrwqfnrqsgflsqmwigdkkqltldrldqftrapldndigvseatridp  
nawverwkaaghyqaeaaallqctadtladavlitahawqhggkltlfisrkyridgsgqmaitydvevasdt  
phpariglnclaqvaervnwlglgpqnypdrhtaacfdrwdlplsmytpyvfpseglrcgtrelnygpgh  
qwrqdfqfnisrysqqqlmetshrhlhaeegtwnidgfhmgiggddswspsvsaefqlsagryhyqlvwck  
k

>3IOF\_A

agmsltqvsgpvvyvednyyvqensmvyfgakgvtvvgatwtpdtarelhklikrvsrkpvlevintnyhtdr  
aggnaywksigakvvstrqtrdlmkswaeivaftkrklpeypdlplvpnvvhgdftlqegkvrafyagpa  
htpdgifvyfpdeqvlyggcilkeklgNlsfadvkaypqtlerlkamklpiktvigghdsplhgpelidhyea  
likaapqs

>1S4D\_L

aglpalekgsvwlvgagpgdpgltlhaanalrqadvivhDalvnedclklarpgavleefagKggkpskqrdr  
slrlvelaragnrvlrlkkgdpfvfgrggeealtlvehqvpfrivpgitagigglayagipvthrevnhavtf  
ltghvpdrinwqgiasspviwmyMamkhigaitanliaggrspdepvafvcnaatpqqavlettaraeadv  
aaagleppaivvvgevvrlraaldwiga

>1UA7\_A

psiksgtilhawnwsfntlkhnmkdihdagytaiqtspinqvkegnqgdkmsnwywlyqptsyqignrylgt  
eqefkemcaaaeeygikvivdavinHttfdyaaisnevksipnwthgntqiknwsdrwdvtqnsllglydwn  
qntqvqsylkrfleralndgadgRfDaakhielpddgsygsqfwpnitNtsaefqygEiLqdsasrdaayan  
ymdvtasnyghsirsaiknrnlgsnishyasdvadklvtwvesHDtyanddeestwmsdddirlgwavias  
rsgstplffsrpegggngvrfrpgksqigdrqsalfedqaitavnrfhnmagqpeelsnpqgnnqifmnrqgs  
hgvlanagsssvsintatklpdgrydnkagagsfqvndgkltgtinarsvavlypd

>1IT4\_A

apadkpqvasftqtsassqnawlaanrnqsawaayefdwstdlctqapdnpgfpgfntacarHdfgyrnyka  
agsfdanksriDsafyedmkrvctgytgekntacnstawtyyqavkifg

>1AUO\_A

mteplilqpakpadacviwlhgLgadrydfmpvaealqesllttrfvlpqaptrpvttinggyempswydikam  
sparsisleelevsakmvtldlieaqkrtgidasriflagfSQggavvfhtaafinwqggplggvialstyaptfg  
delelsasqqripalclhggqyDdvvnqnamgrsafehlksrgvtvtwqeypmgHevlpqeihdigawlaarlq

>3BIF\_A

cptlivmvglpargktyiskkltrylnfigvptrefnvqgyrrdmvktysfefflpdneeglkkirkqcalaa  
lndvrkflseegghvavfdatnttrerramifnfgeqngyktffvesicvdpeviaanivqvklsdpdyvnrd  
sdeatedfmrriecyensyesldeeqdrdlisyikimdvqgsyvvnrvadhiqsrivyylmnhvtprsiylcR  
HgeselNlkgriggdpglspgrgrefskhlaqfisdqnikdlkvftsqmkRtiqtaealsvpqefkvlNida  
gvceemtyeeiqdhyplefalrdqdkyryrypkgesyedlvqrlepvimelerqenvlvicHqavmrcllayf  
ldkaaelpylkcpplhtvkltpvaygckvesiflnvaavnthrdpqnvdisrpseealvtvpahq

>1ZIO\_A

mnlvlmglpgagKgtqaekivaaygiphistgdmfraamkegtplglqakqymdrgdlvpdevtigivrerls  
kddcqngfllldgfprrtaqaealetmladigrklidyvihidvrqdvmerltgRricrncgatylhifhppak  
pgvcdkcgelyqRaDDneatvanRlevnmkqmkplvdfyeqkgylrningeqdmekvfadirellgglar

>3OZU\_A

mltqtktkdivkatapvlaehgydiikcfyqrmfeahpelknvfnmahqegggqqqgalaravyayaeniedpns  
lmavlkniankhaslgvkpeqypivgehllaaikevlgnaatddiisawaqaygnladvlmgmeselyersae  
qpggwkgwrtfvirekrpesdvitsfilepadggpvvnfepggqYtsvaidvpallglqqirqYSlsdmpngrsy  
risvkregggpppggyvsnllhdhvnvgdqvklaapygsfhidvdaktipivlisggvgltpmvsmklkvalqap  
prqvfvvhgarnsavhamrdrleaaaktyenldlfvfydqplpedvqgrdydypglvdvkqieksillpdady  
yiCgpipfmrmdaldalknlgihearihyEvfgpdlfae

>2FGZ\_A

dvvvrlpddaafraafgvaladahwvdkttllwpggenkpivrlyyshsskvaadsngefsdkyvkltpptvnq  
qvsmrfphlasypafklpddvndellqgetvaiaaesdgilssatqvqtagvlddtyaaaaealsygaqltd  
sgvtfrvwaptaqqvelviysadkkviashpmtrdsasgawswgggsklgafyryamtvhyhpqsrkveqyev  
tdpyahslstnseysqvvdlnsalkpegwdgltmphaqtkadlakmtiheshirdlsawdqtvpaelrgky  
laltagesnmvqhklqslasgvtthiellpvfdlatvnefsdkvadigqpfslcevnasvkssefagycdsgs  
tveevltqlkqndskdnppvqalntlvaqtdsynwgypfhytvpegsyatdpegtarikefrtmigaikqdl  
gmnmvmdvvyhntnaagptdrtsvldkivpwyqrlnettgsvsatccsdsapehrmfakliadslavwttd  
ykidgfrfDlmlyhpkaqilsawerikalnpdiyffgegwdsnqsdreiasqinlkgtgigtfsDrlrdavr  
gggpfdsgdalrqngvgsgagvlpnelttlsddqarhladltrlgmagnladfvlidkdgavkrgeidynng  
apggyaadptevvnyvskhdnqtlwdmisykaaqaeadltrvrmqavslatvmlgggiafdqggsellrsksf  
trdsydsdgdwfnrvdyslqdnnyvngmprssddgsnydiarvkavatpgetelkqmtafyqeltalrkssp  
lftlgdgatvmkrvdftrntgadqqtgllvmtiddgmqagasldsrvgdivvainaapesrtlqdfagtslqls  
aiqqaagdrslasgvqvaadgsvtlpawsvavlelpqgesqgaglpvssk

>1KAN\_B

mngpiimtreermkivheikerildkygddvkaigvygslgrqtdgpysdiemmcvmsteeafshewttgew  
kvevnfyseeilldyasqvesdwplthgqffsilpiydsggylekvyqtaksveaqkfhdacaliveelfEy  
agKwrnirvqgpttflpsltvqvamagamliglhhricyttsasvltavkqsdlpsgydhlcqfvmmsgqlsd  
seklleslenfwnigiqewterhgyivdvskripf

>1CT9\_A

Asifgvfdiktdavelrkkalelsrlmrhrpgpdwsgiyasdnailaherlsivdvnagaqplynqqkthvlav  
NGeiynhqalraeygdryqfqtgsdcevilalyqekgpeflddlqgmfafalydsekdayligrdhlgiiply  
mgydehgqlyvasemkalvpvcrtikefpagsylwsqdgeirsyyhrdwfdydavkdnvtdknelrqaledsv  
kshlmsdvpygvllsggldssiisaitkkyaarvedqerseawwpqlhsfavglpgspdlkaaevanhlgt  
vhheihftvqegldairdviyhietydvttirastpmylmsrkikamgikmvlsgesdevfggylyfhkapn  
akelheetvrkllalhmydcarankamsawgvearvpfldkkfldvamrinpqqdkmcngkmekhilrecfea  
ylpasvawrqkeqfsdgvgyswidtlkevaaqqvsdqqlatarfrfpyntptskeaylyreifeelfplpsaa  
ecvpggpsvacssakaiewdeafkkmdpsgravgvhqsayk

>1I7D\_A

mrlfiaEKpslaraiadvlpkphrkdgdfiecgngqvvtwcighlleqaqppdaydsryarwnladlpivpek  
qlqprpsvtkqlnvikrflheaseivhagdpdregqllvdevldylqlapekrqqvqrclindlnpqaverai  
drlrsnsefvplcvsalalaradwlyginmtraytilgrnagygqvlsvgrvqtpvlglvrrdeeeienfvak  
dffevkahivtpaderftaiwqpseacepyqdeegrllhrplaehvvnrisgqpaivtsyndkresesaplpf  
salsalqieaakrfglasaqnvldicqklyethklitFpRsdcrylpeehfagrhavmnaisvhapdllpqpvv  
pdirnrcwddkkvdahhaiiptarssainlteneakvynliarqylmqfcpdavfrkcvielldiakgkfva  
rflaeagwrtllgskerdeendgtplpvvakgdellcekegverqtqpprhftdatllsamtgiarfvdqkd  
lkkilratdglgteatragiellfkrqgfltkkgryihstdagkalfhslpematrpdmatahwesvltqisek  
qcryqdfmqplvgtlyqlidqakrtpvrqfrgivapgsggsadkkkaaprkrksakksppadevgsgaiahhhh  
hh

>1IT8\_B

kmlkfeikardgagrigrigklevngkkietpaimpvvnkpqmvvepkelekmgfeiiitnsyiykdeelrrkal  
elgihrmldyngiievDsgsfqlmkygsievsnreieiefqhrigvdigtflldiptppdapreqavkeleitls  
rareaeieikeipmnatigqstytdlrryaarrlssmnefeihpiggvpllesyrfrdvdivisskmalrpdr  
pvhlfgaghpivfalavamgvdlfdsasyalyakddrymtpegtkrldeldyfpccspvcskytpqelrempk  
eertrllalhnlnwikeeikrvkqaikegelwrlvderarshpklysakrlllehytflleefepitkksalfk  
isneslrwpvvrakeraksinerfgelvehpifgrvsrylslytpfaqseaeddfkiekptkedaikyvmmai  
aeyqfgegasafrddakvelsktgmpqrqkvngkrlatvraddglltlgiegakrlhrvlpypmrvmvnkea  
epfarkgkdvfakfvifadpgirpydevlvvnendellatgqallsgremivfygygravkvrkge

>2ACY\_A

aegdtllisvdyeifgkvqgvffRkytqaegkklglvgwvqNtdqgtvqgqlqgpaskvrhmqewletkgspsk  
hidrasfhnekvivklodytdfqi

>1ZJ8\_B

rnegqwalghreplnaneelkkagnpldvrierieniyakqgfdsidktdlrgfrwrglytqreggydgtwtg  
ddnidkleakyfmmRvracdggalsaaarlrltgqistefardtadisdrqnvqyhwieevenvpeiwrlddvg  
qtteacgdcprvvlgsplagesldevldptwaieeivrryigkpdfadlprKyKtaislqldaheindvafi



gvnhpehgpgldldlwvggglstnpmlaqrvgawvplgevpevwaavtsvfrdygyrrlrakarlkflikdwgia  
kfrevleteylkrplidgpapepvkhpindhvgvqrlknglnavgvapiagrsvgtiltavadlmaragsdrir  
ftpyqklvildipdallddliagldalglqsrpshwrrnlmacsgiefcklsfaetrvraqhlvpelerrled  
insqldvpitvningcpnsCariqiadigfkgqmiddghggsvegfqvhlgghlgldagfgrklrqhkvtse  
lgdyidrvvrnfvkhrsegerfaqwviraeeddlr

>1MBB\_A

mnhslkpwnftgidhnaqhivcaedeqqlnawqyataegqpvlilgegsnvlfledyrgtviinrikgieih  
depdawylhvgagenwhrlvkytlqegmpglenlalipgcvgsspiqnigaygvelqrvcayvdsvelatgkq  
vrltakecrfgyRdsifkheyqdrfaivavglrlpkewqpvltygdltlrldpttvtppqqvfnavchmrttklp  
dpkvngnagSffknppvsaetakallsqfptapnypqadgsvklaagwldqcqlkgmqiggaavhrqqalvl  
inednaksedvvqlahhvrqkvgekfnnwlepEvrfigasgevsavetis

>1GET\_A

mtkhydiaiaigggsggiasinraamygqkcalieakelggtCvnnvgCvpkkvmwhaaqireaihmygpdygfd  
ttinkfnwetliasrtayidrihtsyenvlgknnvdvikgfarfvdaktlevngetitadhiliatggrpshp  
dipgveygidsdgffalpalpervavvgagyiavelagvinglgakthlfvrkhaplrsfdpmisetlvevmn  
aegpqlhtnaipkavvkntdgsltleledgrsetvdcliwaigrepandninleaagvktnekgyivvdkyqn  
tniegiyavgdntgaveltpvavaagrrlserlfnknpdehldysniptvvfshppigtvgltepqareeqygd  
dqvkvykssftamytavtthrqpckmklvcvgseekivgihgigfgmdemlqgfavalkmgatkkdfdntvai  
HptaaEefvtmr

>1JCH\_A

msggdgrghntgahstsgninggptglgvvgggasdgsgwssennpwggsgsgihwggsgghngggngnsgg  
gsgtggnlsavaapvafgfpalstpgagglavsisagalsaaadimaalkgpfkfglgwvalygvlpssqia  
ddpnmmiskivtsslpaddditespvsslpdkatvnnvrvvddvkdernisvsvgvpmsvpvvdakpterpgv  
ftasipgapvlnisvnnstpavqtlspgvtnntdkdvrfpafgtqggntdvirfpkdsghnavyvsvsdvl  
pdqvkqrqdeenrrqqewdathpveaaernyeraraelnqanedvarnqerqakavqvynsrkseldaanktl  
adaiaiekqfnrfahdpmagghrmwqmaglkaqraqtdvnnkqaafdaaakeksdadaalssamesrkkkedk  
krsaennlndeknkprkgfkdyghdyhpapktenikglgdlkpgipktpkqngggkrkrwtgdkgrkiyewDs  
qHgelEgyrasdgqhlgsfdpktgnqlkgpdpkRnikkyl

>1L9X\_D

glvprakkpiigilmqkcrnkvmknygryyiaasyvkylesagarvvpvrldltekdyeilfksingilfp  
svdlrrsdyakvakifynlisqsfddgdypfvwgtClgfeelsllisgeclltatdtdvampnftggqlhs  
rmfqnfptelllslavepltanfhkwslnvknftmneklkffnvltnntdgkiefistmegykypvygvqwh  
pekapyewknlldgishapnavktafylaefvvnearknhhfkseeseeekaliyqfspiyltgnissfqqcyif  
d

>1KNP\_A

mntlpehscdvliigsgaaglsalrladqhqvivlslkgpvtgstfyagggiaavfdetdsidshvedtlia  
gagicdrhavefvasnarscvqwlidqgvlfldthiqpngeesyhlrtregghshrrilhaadatgrevelt  
kalnhpnirvlertnavdlivsdkiqlpgtrrvvgawvwnrketvetchakavvlatggaskvyqyttnpdi  
ssgdgiamawragcrvanlefngfhptalyhpqarnflftealrgegaylkrpdgtrfmpdfdergelapRdi  
varaidhemkrlgadcmfldishkpadfirqhfpmiyekllglgidltqepvpivpaaHytcggvmvddhgrt  
dveglyaigevsytgllghanLmasnsllleclvygwsaaeditrrmpyahdistlppwdesrvenpdervv  
iwhelrlfmwdyvgivrttkrleralrritmlqqeideyyahfrvsnnllelrlnlvqvaelivrcammrkes  
rlhftldypellthsgpsilspgnhyinr

>1GA8\_A

mdivfaaddnyaaylcvaaksveaahpdteirfhvldagiseanraavaanlrggggnirfidvnpedfagfp  
lnirhisittyarlkkgelyiadcdkvllyldidvlvrdsltplwtdldgdnwlgasiDlfverqegyqkigma  
dgeyyfNagvlllnlkkwrrhdifkmssewveqykdvmmqyqdQdilnglflkggvcyansrnfmpntnyafman  
wfasrhtdplyrdrtntvmpvavshycgpakpwhrdctawgaerftelagslttvpeewrgklavphrmfstk  
rmlqrwrklrsarflrkiy

>1DHK\_A

yapqtqsgrtsivhlfewrwvdialecerylgpkkgfggvqvspnenvvvtntpsrpwweryqpvsyklctrsg  
nenefrdmvtrcnnvgvriyvdaVinHmcgsgaaagtgttcgsyncpgsrefpavpysawdfndgkcktasgg  
iesyndpyqvrdcqlvgllldalekdyvrsmiadylnklidigvagfRiDaskhmwpgdikavldklhnlntn  
wfpagsrpFifQEvidlggeaigsseyfgngrvtefkygaklgtvvrkwsgeksylknwgegwgfmpsdral

vfvdnHDnqrghgaggasiltfwdarlykvavgfmlahpygftrvmssyrwarnfvngedvndwigppnnngv  
ikevtinadttcgndwvcehrwreirnmvwfrnvvdgqpfanwwdngsnqva fgrgnrgfivfnnddwqlsst  
lqtglpggtycdvisgdkvgnsctgikvyvssdgtaqfsisnsaedpfiaihaeskl

>1KIM\_A

mpdllrvyidgphgmGKttttqlldivvvpEpmtiywrvlgasetianiyttqhrldqgeisagdaavvmtsag  
itmmpyavtdavlap HiggeappaltlifdRhpi aallcypaarylmgsmtpqavlafvalipptlp gtniv  
lgalpedrhidrlakRqRpgErldlamlaairrvygl lantvrylqcggswredwgqlsprphigdtlftlfr  
apellapngdlynvfawaldvlakrlrsmhvfildydqspagcrdallqltsgmvqthvttpgsipticdlar  
tfaremenge

>5EAT\_A

masaavanyeeeivrpvadfspslwgdqflsfsidnqvaekyaqeiealkeqtrsmllatgrkladtlnlidi  
ierlgisyhfekeideildqiynqnsncndlctsalqfrllrqhgfnispeifskfqdengkfeslasdvl g  
llnlyeashvrthaddiledalafstihlesaaphlksplreqvthaleqclhkgvprvetrffissiydkeq  
sknnvllrfakldfnllqmlhkqelaqvsrwwkdldfvttlpyaRdrvvecyfWalgv yfepqysqarvmlvk  
tismisivddtfdaygtvkeleaytdaiqrwdineidrlpdymkisykaildlykdyekelssagrshivcha  
iermkevrnynvestwfiegytppvseylsnalaTTTyylattsy lgmksateqdfewlsknpkileasvi  
icRviDdtatyeveksrgqiatgieccmrdygistkeamakfqmaetawkdinegllrptpvsteflt piln  
larivevtYihnlDgYthpееvlkphiinllvdsiki

>10DT\_C

mqlfdlpldqlytkpektapkdfsefwklsleelakvqaepdlqpvdypadgvkvyrlytksfgnaritgwy  
avpdkegphpaivkyhgynasydgeihemvnwalhgyatfgmlvrgqqssedtsisphghalgwmtkgildkd  
tyyyrgvyl davralevis sfdevdetrigtggAQgggltiaaaalsdipkaavadypylsnferaidvale  
epyleinsffrrngspetevqamktlsyfdimnladr vkvpvlmsigliDkvtppstvf aaynhletkkelkv  
yryfgHeyipafqteklaffkqhlk

>1I6P\_A

mkdidtlisnnalwskmlveedpgffeklaqaqkprflwigcsDsRvpaerltglepgelfvhrnvanlviht  
dlncslsvvyavdvlevehiicghygcggvqaavenpelglinnwllhirdi wfkhssllgempqerrldtl  
celnvmeqvynlghstimqsawkr gqkvti hgwaygihdgllrldlvtatnretleqryrhgisnlklkhanh  
k

>1AX4\_A

makrivepfrikmvekirvpsreereaalkeagynpflpssavyidlltdsgtnamsdhqwaamitgdeaya  
gsrnyydlkd kakelfnydyiipahqgrgaenilfpvllkykqkegaknpvfisnfhFdttaahvelngcka  
inivtekafdsetyddwkgdfdiklkeniaqhgadnivaivstvtcnsaggqpvsmsnlkeyvei akqhgif  
vvmDsarfcenayfikardpkyknatikevifdmykyadaltmsakkdpllnigglvairdneeiftlarqrc  
vpmegfvtygglagrdmaamvqgleegteeeylhyrigqvkylgdrlreagipiqyptgghavfvdckklvpq  
ipgdqfpaqavinalylesgvraveigsfllgrdp atgeqkhadmefmrltiarrvytndhmdy iadaliglk  
ekfatlkglefeyepplvrhftarl kpie

>1A8H\_A

mekvfytvtpiyyvnaephlg hayttvadflarwhrldgyrtffltgtdehgetvyraaqaagedpkafvdr  
vsgrfkrawdllgiayddfirtteerhkkvvqlvlkkvy eagdiyygeyglycvscerfytekelveglcpi  
hgrpverrkegnyffrmekyrpwlqeyiqenpd lirpegyrnevlamlaepigdl sisrpk srvpwgiplpwd  
enhvtyvwfdallnyvsaldypegeayrtfwp hawhligkdilkphavfwptmlkaagipmyrhlnvggfllg  
pdgrKmsKtlgnvvdpfallekygrdalryyllreipygq dtpvseealrtryeadladdlglnlvqrtramlf  
rfaegripepvageelaegtglagrlrplvrelkf hvaleeamayvkalnryinekkpwelfkkepeearavl  
yrvveglriasilltpampdkmaelrralglkeevrleeaerw glaerpipeeapvlfpkk

>3K5D\_C

sfvemvdnlrgksgggyyvemtvgspqtl nilvDTgSsnfavgaaphpflhryyqrqlsstyrdlrkgyvvp  
ytqgkwegelgt dlvsiphgpntvranaaaitesdkffingsnwegilglayaeiarpddslepffds lvkq  
thvpnlfslqlcgaggsmiiggidhslytgslywtpirrewy yeviivrveingqdlkmdckeynydksivDs  
gTtnlrlpkkvfeaavksikaasstekfpd gfwlgeqlvcwqagtt pwnifpvislylmgevt nqsfritilp  
qqylrpvedvatsqddcykfaisqsstgtvmgavimegf yvfvdrarkrigfav sachvhdefrtaavegpfv  
tldmedcgyni

>1MW3\_A

spnsqylktrildiytpeqragieksedwrqfsrrmdthfplkmneldsvygnneallpmlmllaqawqsys  
qrnsslkddiarennpdwilsnkqvggvvcyvdflfagdlkglkdkipyfqelgltylhlmplfkcepegksdgg  
yavssyrdrvnpalgtigdlreviaalheagisavvdfifnHtsnehewaqrcaagdplfdnfyyifpdrmpd  
qydrtlreifpdqhpqgfsqledgrwvwtffnsfqwdlnysnpwvfRamagemlflanalgvdlRmDavaFiw  
kqmgtsценlpqahalirafnavmriaapavffkSEaiVhpdqvvQyigqdecqigynplqmallwntlatre  
vnllhqaltyrhnlpehtawvnyVrsHDDigwtfadedaaylgisgyDhrqflnrffvnrfdgsfargvpfqy  
npstgdcrvsgtaaalvglaqddphavdriklllysialstggplliylgdevgtlnddwsqdsnksddsrwa  
hrpryneaalyaqrndpstaagqiyqdlrhmiavrqsnpfrfdggrlvtfntnnkhiigyrnnallafgnfsey  
pqtvtahltlqampfkahdliggktvslnqdltlqpyqvmwleia

>1S9D\_A

mrilmvgldaagkttilyklkTipTigfnvetveyknisftvwdvvggQdkirplwrhyfqntqglifvvsnd  
rervneareelmrmlaedelrdavllvfankqdlpnamnaaeitdklglhslrhrnwyiqatcatsgdglyeg  
ldwlsnqlr

>1D2R\_A

mktifsgiqpsgvitigniyigalrqfvelqheyncyfcivdqhaitvwqdphehrqnirrlaalylavgidpt  
qatlfiqsevpahaqaawmlqciviyigelermtqfkeksagaaaaaglltypplmaadillyntdivpvgd  
qkqhlieltrdlaerfnkrygelftipearipkvgarimslvdptkKmsKsdnpnkayitlldaktiekkiks  
avtdsegtirydkeakpgisnllniystlsggsieelerqyegkgvgfkadlaqvvielrpiqeryhhwme  
seeldrvldegaekanrvasemvrkmeqamglgr

>1QRR\_A

mkrvmviggdgygcwatalhlskknyevcivdnlvrllfdhqlglesltpiasihdrisrwkaltgksielyv  
gdicdfeflaesfksfepdsvvhfgeqrsapysmidrsravytqhnnavigtlnvlfaikefgeechlvklgTm  
geygtpnidieegyitithngrtdtlpypkqassfYHlsKvhdsniaftckawgiratdlnqgvvygvtde  
temheelrnrlidyavfgtalnrfcvqaavghpltyvgkggqtrgyldirdtvqcveiaianpackagefrvfn  
qfteqfsvnelaslvtkagsklglvdkmtpvnpvrveaeehyynakhtklmelglephylsdsllsllnfav  
qfkdrvdtkqimpsvswkkigvktksmtt

>3Q82\_A

qsitdynykkplhndyqildkskifgsnsgsfvmysmaadayyiynesrkryspnStyKiylamfgldrhi  
indensrmswnhkhypfdawnkeqdlntamqnSvnwyFerisdqipknytatqlkqlnygnknlgsykyWme  
dslkisnleqvivfknmmeqnnhfskkaknqlsssllikknekyelygktgTgivngkynngwfvgyvitnhd  
kyyfathlsdgkpsgknaelisekilkemgvln

>1QWN\_A

rsshhhhhhgefdpirpplkvarsprpggcqdvvdvqdpnvvdvqmllelydrmsfkdidggvkwqgwnikydp  
kynahhklkvfvvphshndpgwiqtfeeyyqhdtkhilsnalrhldnpemkfiwaeisyfarfyhdlgenkk  
lqmksivkngqlefvtggwvmpdeanshwrnvllqlteggwtlwkqfmvntptaswaiDpfghsptmpyilqks  
gfknmliqrthysvkkelaqqrqleflwrqiwdnkgdtalftmmppfysydiphtcgpdpkvccqfdfkrmg  
fglscpwkvpprtisdqnvaaarsdllvdqwkkaelyrtnvlliplgdDfrfkqntewdvqrnyerlfelin  
sqahfnvqaqfgtlqeyfdavhqaeragqaefptlsgdfftadrsdnywsgyytsrpyhkrmdrvlnhyvra  
aemlsawhswdgmarielerleqarrelslfqhhdgitgtakthvvvdyeqrmqealkacqmvmqqsvyrlltk  
psiyspdfsfysyftlddsrrwpgsgvedsrttiilgedilpskhvnmhtlphwreqlvdfyvsspfvsvtdla  
nnpveaqvspvwshhdtltktihipqgsttkyriifkarvppmglatyvltsidskpehtsyasnlrrknpt  
slplgqypedvkfgdpreislrvgngptlafsegllksiqltqdsphvpvhfkflkygvrshgdrsgaylfl  
pngpaspvelgqpvlvtkgklessvsvglpsvvhgtimrggapeirnlvdigsldnteivmrlethidsdi  
fytdlnglqfikrrrldklplqanyypipsgmfiedantrltlgtqplggsslasgeleimqdrilasdder  
glgggvldnkpvlhiyrlvlekvnnvrvpsklhpagyltsaahkasqslldpldkfifaenewigaqqqfggd  
hpsaredldsvmrrltkssaktqrvgyvlhrtnlmqcgtpheetqklvchllpnvarcerttltflqnleh  
ldgmvapevcpmetaayvsshss

>1FO6\_A

mtrqmilavggqgpiaraetreqvgrllldmltnaasrgvnfivfpElalttffprwhftdeaeldsfytem  
pgpvvrplfetaaelgigfnlgyaelvveggvkrfNtsilvdkskivgkyrKihlpghkeyeayrpfqhlE  
kryfepgdgfpvydvdaakmgmfiCndrrwpetwrvmgkgaieicggyNtpthnppvpqhdhltsfhhlls  
mqagsyqngawsaaagkvmeegcmllghscivaptgeivaltttledevitaaldldrcrelrehifnfkah  
rqpqhygliaef

>1ZM7\_B

tkyagtqpftvliegnigsgkttynhfekeykndiclltEpvekwrnvngvdllelmykdpkkwampfqsyv  
tltmlqshtaptnkkklimeRsifsarycfvenmrrngsleggmyntleewykfieesihvqadliiylrtsp  
evayerirqrarseescvplkylqelhelhedwlihqrrpqscskvlvldadl

>2PDA\_A

gkkmmttdgntatahvayamsevaaipyiTpsstmgееaddwaaggrknifgqtltiremqseEagaagavhga  
laagaltttftasqglmlmipnmykisgellpgvfhvtaRaiaahalsifgdhqdyaarqtgfamlasssvq  
eahdmalvahlaaiesnvpfmhffdgfrtsheiqkievldyadmaslvnqkalaefraksmnpehphvrgtaq  
npdiyfqqgreaanpyylkvpgivaeymqkvasltgrsyklfdyvgapdaervivsmgsscetieevinhlaak  
gekiglikvrlyrpfvseaffaalpasakvitvldrtkepgagdpilyldvcsafvergeampkilagryglg  
skefspamvksvydnmsgakknhtvgieddvtgtslpvdnafadttpkgtiqcqfwglgadgtvgankqaik  
iigndtldlfaaggyfsydskksggitishlrfgekpiqstylvnradyvachnpayvgiydilegikdggtfvl  
nspwssledmdkhlpsgikrtiankkklfyndavkiatdvglggrinmimqtaffklagvlpfekavdllkk  
sikhaygkkgekivkmntdavidqavtslqefkypdswkdapaetkaepmtneffknvvpkiltqqgdklpvsa  
feadgrfplgtsqfekrgvainvpqwpenciqcncqafvcphsailpvlakeeelvgapanftaleakgkel  
kgykfriqintldeMgcgncadicppkekalvmqpldtqrdaqvpnleyaaripvksevlprdslkgsqfqp  
lmefsgacsgcgetpyvrvitqlfgermfianatgcssiwgasapsmpyktnrlgqgpawgnslfedaaeygf  
gmnmmsfarrthladlaakalesdasgdvkealqgwlagnpikskkeygdklkkllagqkdglgqiaamsd  
lytkksvwifggdgwaydigygglhdvlasgedvnnvfmdtevyvNtggqsskatptgavakfaaagkrtgkk  
dlarmvmtgygyvatvsmgyskqqflkvlkeaesfpgpslviayatcinqglrkmgksqdmntavksygyw  
plfrydprlaaagknpfqldskapdgsveeflmaqnrfaavlrsfpedakrlraqvaheldvrfrkelehmaat  
nifesfapaggkadgsvdfgegaefctrddtpmmarpdsgeacdqnragtseqqgdlskrtkk

>1BVZ\_A

mlleaifheakgsyappisetqlrvrlrakkgdvvrcevyadryaspeeelahalagkagsderfdyfeall  
ecstkrvkvylfttgpggeavyfgetgfsaerskagvfqayihsevfftpewakeaviyqifperfangdp  
sndppgteqwakdarprhdsfyggdlkgvidrlpyleelgvtafyftpifaspshhkydtadylaidpqfgdl  
ptfrrlvdeahrrgikiildavfnhagdqffafrdvqlkgeqsrykdwffiedfpvsktsrtnyetfavqvpa  
mpklrtenpevkeylfdvarfwmeqgidgwrlDvanevdhafwrefrrlvkslnpdalivgEiWhdasgwlmg  
dqfdsvmnylfresvirffatgeihaerfdaeltrarmlypeqaaqglwnlldshDterfltscggneakfrl  
avlfqmtylgtpliyygdeigmagatdpdcrrpmiweekeqnrglfeykelirlrhrlasltrgnvrswhad  
kqanlyafvrtvqdqhvgvvlnnrgekqtvllqvpesggktwldcltgeevhgkqgqqlkltlrpyqgmilwngr

>1TRK\_A

mtqftdidklavstirilavdtvskansgHpgaplgmapaahvlwsqmrnptnnpdwinrdrfvlsnghaval  
lysmhlhtgydlsiedlkqfrqlgsrtpghpefelpgvevttgplgqgisnavgmamaqanlaatynkpgftl  
sdnytyvflgdgclqegisseasslaghlklgnliaiyddnkitidgatsisfdedvakryeaygwevlyven  
gnedlagiakaiagaklskdkptlikmtttigygslhagshsvHgaplkaddvkqlkskfgfnpdksfvvpqe  
vydhyqktilkpgveannkwnklfseyqkkfpelgaelarrrlsgqlpanwesklptytakdsavatrklsetv  
ledvynqlpeliggsadltpsnltrwkealdfqppsssgsngysgryirygirehamgaimngisafganykpy  
ggtflnfvsyaagavrlsalsghpviwvathdsigvgedgpthqpietlahfrslpniqvwrpadgnevsaa  
knsleskhttpsiialsrqnlpqlegssiesaskggyvlqdvandpiilvatgsevslsveaaktlaaknikar  
vvslpddftfdkqpleyrlsvlpdnvpimsvevlattcwgkyahqsfgidrfgasgkapevfkkffgftpegva  
eraqktiafykgdkklisplkkaf

>1NVT\_A

gplgsminaktkviglighpvehsfspimhnaafkdkglnyvyvafdvlpnlkyvidgakalgivgfnvtip  
hkieimkyldeidkdaqligavntikieDgkaigyntdgigarmaleeeigrvkdkniviygaggaaravafe  
lakdniiianrtvekaealakeiaeklnkkfgeevkfsgldvdldgvdiiinatpigmypnidvepivkaek  
lredmvmdliynpletvllkeakkvnaktnglmgliyyqgavafkiwtgvepnievnmknaidkitk

>1BQC\_A

atglhvkngrlyeangqefiirgvshphnwypqhtqafadikshgantvrvvlsngvrwskngpsdvanvisl  
ckqnrlicmlevhddttgygeqsgastldqavdywielksvlqgeedyvlinigNEpygndsatawaatdtsa  
aiqrlraagfehtlvvdapnwggdwntmrnnadqvyasdpdntvfsiHmYgvysqastitsylehfvnagl  
pliigEfghdhsdgnpdeditimaeerlklgyigswsgngggvveylmdvynfdgdnlspwgerifygpngia  
stakeavifg

>1RQL\_A

mdrmkieavifDwagttvdygcfaplevfmeifhkrgvaitaeeArkpMgllKidHvraltempriasewnrv  
frqlpteadiqemyeefeeilfailpryaspinavkeviaslrergikigsttgymremmdivakeaalqgyk  
pdflvtpddvpagrpypwmcyknamekgvypmnmhikvgdvtvdmkegrnagmwtvgvilgssselglteeeve  
nmdsvelrekievvrnrfrvengahftietmqelesvmehiekqeliis

>1BG0\_A

vdqatlDKleagfkkklqeasdcksllkklhtkdvdfsiknkktgmgatlldviqsgvenldsgvgiyapdaes  
yrtfgplfdpiiddyhgfkltDKhpkqwgDintlvgldpagqfiistrvRcgrslqgyfnpcltaeqyke  
meekvsstlssmedelkgtyypltgmsskatqqqliddhflfkegdrflqtanacrywptgrgihndaktflv  
wvneEdhlRiismqkggdlktvykrlvtavdniesklpfshddrfgfltfcptnlgttmRasvhiqlpkklad  
rkvlediaaskfnlqvRgtrgehteseggydisnkrrlglteyqavremqdgilemikmekaaa

>1CF2\_R

mkavaingygtvgkrvadaiaqqddmkvigvsktrpDfearmalkkgydlyvaipervklfekagievagtvd  
dmldeadividctpegigaknlkmykekgikaifqggekhdiglsfnslsnyeesygydytrvvsCnttglc  
rtlkplhdsfgikkvravivrrgadpaqvskgpinaiipnppklpshhgpdvktvldinidtmavivpttlmH  
qhnvmvevetptvddiidvfedtpvrlisaedglstaeimeyakelgrsrndlfeipvwresitvvdnei  
yymqavhgesdivpenvdavrailemedkyksinktnkamnil

>1EHY\_A

mairrpedfkhyevqlpdvkihyvregagptllllhgWpgfwewskvigplaehydviivpdlrgfgdsekpD  
lndlskysldkaaddqaalldalgiekayvvghDFaaivlhkfirkysdrvikaaifdpiqpDfgpvyfglgh  
vheswYsqfhqlDmavevvgssrevckkyfkfhfdhwsyrdellteeelevhvdncmkpDnihggfnyYrani  
rpdaalwtdldhtmsdlpvtmiwglgDtcvpyaplielfvpkyysnytmietiedcgHflmvekkepeiaidrikta  
fr

>2YPN\_A

mldnvlriatrqsplalwqahyvkdklmashpglvvelvpmvtrgdvildtplakvggkglfvkelevallen  
radiavhsmkDvpvefpqglglvticeredprdafvsnnysldalpagsivgtsslRRqcqlaerrpdliir  
slRgnvgtRlskldngeydaiilavaglkrlglesriraalppeislpavgggavgiecrlddsrtrellaal  
nhhetalrvtaeramnrleggCqvpigsysaelidgeiwlralvgapdgsqiirgerrgapqdaeQmgislae  
ellnngareilaevyngdapa

>1KKT\_B

snqakadavkeafqhawngymkyafphdeltpvsnghadrsrngwasavdalstavingkadvvnailehvd  
idfsktsdvtvslfEttiRylagmlsgydllqgpaknlvdnqdlidgllDqsrnladvlkfafdtpsgvpynni  
nitshgndgattnglavtgtlvlewtrlsdlgtgeeyaklsqkaesyllkpqpsssepfpglvgssinindgq  
fadsrvswnggdDsfiyeylikmyvydpkrfetykdrwvlaaestikhkshpkssrpdltflssysnrnydlss  
qhltcfdggsfllggvtldrQdfidfglelvDgceatynstltkigpdsWgwdpkkvpsdqkefyekagfyis  
sgsyvlrpeviesfyyahrvtgkeiyrDwvwnafvainstcrtdsgfaavsdvknanggskydngesflfaev  
mkysylahsedaawqvqkggkntfvynateahpisvar

>1JEN\_B

meaahffegtEkllevwfsrqqpDanqgsgdlrtiprsewdillkdvqcsiisvtktDKqeayvlsE

>1PL7\_C

aaaakpnslslvvhgpgdlrlenypipepgpnevllrmhsvGicGSdvHyweygrignfivkkpmvlGheasg  
tvekgssvkhkpgdrvaiepgaprendefckmgrynlspisffcatppddgnlcrfykhnaafcyklpdnv  
tfeegalieplsvgiacrrggvtlghkvlvcgagpigmvtllvakamgaavvvtdlsatrlskakeigadl  
vlqiskespqeiarkvegqlgckpevtiectgaeasiqagiyatrsggtlvlvglgsemttvplhaairevd  
ikgvfrycntwpvaismasksvnvkplvthrflplekaleafetfkkglglkimlkcdpsdqnp

>1BZC\_A

memekefeqidksgswaaiyqdirheasdfpcrvaklpknknrrnyrdvspfdhsrikhlqedndyinaslik  
meeaqrsyiltqgplpntcghfwemvweqksrgvmlnrvmekgslkcaqywpqkeekemifedtnlkltlis  
ediksyytvrqlelenlttqetreilhfhyyttwpDfgvpespasflnflfkvresgslspehgppvvvhCsagi  
gRSgtfcladtclllmdkrkdpssvdikkvlldmrkfrmgliqtaeqlrfsylaviegakfimgdssvqdqwk  
elshedlepppehipppprppkrilephn

>1OFG\_A

atlpagasqvpttpagrpmpyairpmpedrrfgyaivglgkyalnqilpgfagcqhsriealvsgnaekakiv  
aaeygvDprkiydysnfdkiakdpkidavyiilpnsIhaefairafkagkhvmceKpmatsvadCqrmidaak  
aankklmigyrchydpmnraavklirenqlgklgmvttdnsdvmdqndpaqqwrlrrelagggslmdigiYgl

ngtryllgeepievraytysdpnderfvevedriiwqmrfrrsgalshgassysttttsrfsvqgdkaavlmdp  
atgyyqnlisvqtpghanqsmmpqfimpanqfsaqldhlaevinnkpvrrspgeegmqdvrligaiyeaart  
grpvntdwgyvrqggy

>1L7Q\_A

mvdgnysvasnvmvpmrdgvrlavdlrpdadgvpvllvrnpYdkfdvfawstqstnwlefvrdgyavviqd  
trglfasegefvphvddeadaedtswileqawcdgnvgmfgvAYlgvtqwqaavsgvgglkaiapsmasadl  
yrapwyggpggalsveallgWsaligtglitrsdarpedaadvqlaailndvagaasvtplaeqpllgrlip  
wvidqvvdhpdndeswqsislferlgglatpalitagwyDgfvgeslrtfvavkdnadarlvvgpwsHsnltg  
rnadrkfgiaatypiqeattmhkaffdrhlrgetdalagvpkvrlfvmgidewrdetdwlpldtaytpfylgg  
sgaantstgggtlstsigsatesadtylydpadpvpslggtllfhngdngpadqrpihrrddvlycystevltdp  
vevtgtvsarlffvssavdtdftaklvdvfpdgraialcdgivrmryretlvnptlieageiyevaidmlats  
nvflpghrimvqvsssnfpkydrnsntggviareqleemctavnrihrgpehpshivlpiikr

>1EI9\_A

dppaplpiviwhgMgdscnplsmgaikkmvekkkipgihvlsleigktlredvensfflnvnsqvttvcqila  
kdpklqqgynamgfSQggqflravaqrpcspmmvnlsivggqhggvfglprcpgesshicdfirktnagayn  
kaiqerlvqaeywhdpiirediyrnhsifladinqergvnesyknmlalkkfvmvkflnDtivdpvdsewfgf  
yrsggaketiplqestlytqdrllgkamdkagqlvflalegdHlqlseewfyahiipfle

>1HRD\_A

skyvdrviaevekkyadepefvqtveevlsslgpvvdahpeyeevallermviperviefrvpweddnkgvhv  
ntgyrvqfngaigpykgglrfapsvnlsimkflgfeqafkdslttlpmggaKggdsfdpngksdrevmrfcqa  
fmtelyrhigpddidvpagDlvgvareigymygqyrkivggfyngvltgkarsfggslvrpeatgygsvyyvea  
vmkhendtlvgktvalagfgnvawgaakklaelgakavtlsgpdgyiydpegitteekinymlergrasgrnk  
qdyadkfvgvqffpgekpwwgkvdiimpcatqndvdleqakkivannvkyyievanmpttnealrflmqqpnmv  
vapskavnaggvlvsgfemsqnserlswtaeevdsklhqvmtdihdgsaaaaeryglgynlvaganivgfgki  
adammaqgiaw

>2BMI\_A

aqksvkisddisitqlsdevtyvslaeiegwgmvpnsngmivinnhqaalldtpindaqtemlvnwvtdslha  
kvttfipnhwhgDcigglgylqrkgvqsyantmtidlakekglpvpehgftdsltvsldgmplqcyylgggha  
tdnivvwlptenilfggcmlkdnqatsigNisdadvtaawpktldkvkakfypsaryvvpghgdygggteliehtk  
qivnqyiestskp

>1CG2\_A

qkrdnvlfqaatdeqpaviktleklvnietgtgdaegiaaagnfleaelknlgftvtrsksglvgdnivgk  
ikgrggknlllmsHmdtvylkgilakapfrvegdkaygpggiaDdkggnavilhtlklkeygvrdygtitvlf  
ntdEEKgsfgsrdliqeeakladyvlsfEptsagdeklsigtsgiaayvqvnitgkashagaapelgvnalvea  
sdlvlrtmniddkaknlrfnwtiakagnvsniiipasatlndadvryarnedfdaamktleeraqqklpeadvk  
vivtrgrpafnageggkklvdkavayykeaggtlgveertgggtdaayaalsgkpvieslglpgfgyHsdkae  
yvdisaiprrlymaarlindlgag

>1B04\_A

mdrqqaerraaelrellnrygyeyyvldrpsvpdaeydrmlqeliaieeqypelktsdsptqrigggppleafr  
kvahrpmmsslanafgegdlrdrfrrvrqevgeaayvcelAidglavsvryedgyfvqgatrvgdgttgedite  
nlktirslplrlkepvslargeafmpkasflrlneerkargeelfanprnaaagslrqldpkvaasrqldlf  
vygladaealgiashsealdylqalgfkvnperrrcanideviafvseshdkrpqlpyeidgivikvdsfaqq  
ralgataksprwaiaykfpaeevtt

>1BWP\_A

msgdenpaskptpvqdvqgdgrwmslhhfrvadskdkepevvfigdSavqlmhqceiwrelfsplhalnfgig  
GdstqhvlwrlengelehirpkivvvwvgtNnhghtaeqvtggikaivqlvnerqpqarvvvlglprgqhp  
plreknrrvnelvraalaghprahfldadpgfvhsdgtishhdmYDylHlsrlgytpvcralhslllrlttd  
qggggaplpepspp

>1FUA\_A

mernklarqiidtclmtrlglnqgtagnvsvryqdgmlitptgipyeklteshivfidngnkheegklpsE  
wrfhmaayqsrpdanavvnhhavhctavsilnrspaiHymiaaaggsnipcapyatfgtreelsehvalakn  
rkatllqhghgliacevnlekalwlahevevlaqlylttlaaitdpvpvlsdeeiaavvlekfktyglrie

>1B93\_A

meltrtrtlparkhialvaHdhckqmlmswverhqplleqhvlyatgttgnlisratgmnvnamlsGpmggDqq  
vgalisegkidvliffwDplnavpHdpDvkallrlatvwnipvatnvatadfiigsphfndavdilipdyqry  
ladrlk

>2BRW\_A

vkdytdrldddwngiiaqnqyydskndqmaklngelegkvadsllssissqadriylwekfsnyktsanltaty  
rkleemakqvtnpssryyyqdetvrvtrvrdsmewmhkhvynseksivgnwwdyeigtprainntlsmlkeyfsd  
eeikkytdviekfvpdphefrkttndnpfkalggnlvdmgrvkviagllrkddqeisstirsieqvfkldvqge  
gfyqdgsyidHtnvaytgaYgnvlidglsqllpviqtknpidkdkmqtmymhwidksfapllvngelmdmsrg  
rsisranseghvaavevlRgihriadmsegetkqrlqslvktivqdsdydvfknltktykdislmqslldag  
vasvprtsylsafnkmcktamynaekgfgfslfssrtlneyhmkenkrgwytsdgmfylyngdlshysdg  
ywptvnpypkmpgttetdakradsdtgkvlpasfvgtsklddanatatmdftnwnqtltahkswfmlkdkiafl  
gsniqntstdtaattidqrklessnpykyvvnkdeaslteqekdypetqsvflessdskknigyfffkssis  
mskalqkgawkdineggsdkevenefltisqahkqngdsygymlipnvdratfnqmikelessliennetlqs  
vydakggvwgivykddsvstisnqfqvlkrgvytirkegdeykiayynpetqesapdqevfkkl

>1GXS\_A

qlqqqgeddrilglpgqpngvafgmygggyvtiddnngralyywfqeadtadpaaaplvlwlngpggcssiglg  
mqelgafrvhtngeslllneyawnkaanilfaespagvgfsysntssdlsmgddkmaqdytflvkwerfph  
ynyrefyiaageSghfipqlsqvvyrrnnspfinfgllvssgltndhedmigmfeswwhhglisdetrdsgl  
kvcpgtstfthptpectevwnkalaeqgninpytiytpctdrepspyqrrfW

>1R4F\_A

saknvldhDgnlddfvamvllasntekvrligalctdadcfvengfnvtgkimclmhnnmnlplfpigksaa  
tavnfpfkeWrclaknmddmpilnipenvelwdkikaenkeyegqlladlvmnseekvticvtgplsnvawc  
idkygekftskveecvimggavdvrgnvflpstdgtaewNiywdpasaktvfgcpglrrimfsldstntvpvr  
spyvqrfgeqtnflsilvgtmwamyaAdaltaayvvdqkvanvdpvpidvvvdqkpnegatvrtdaenypl  
fvarnpeaefldmllrsarac

>1MUD\_A

mqasqfsaqvldwydkygrktlpwqidktpykvwlsEvmlqqtqvativipyferfmarfptvtdlanapldev  
lhlwtglgyyararnlhkaaqqvatlhggkfpetfeevaalpvgvrstagailsllslgkhfpilNgnvkrvla  
rcyavsgwpgkkevenklwslseqvtpavgverfnqammdlgamictsrskpkcsclplqngciaaannswaly  
pgkkpk

>1MQW\_A

maehdfetissetlhtgaifalrrdqvrmpgggivitrevvehfgavaivamddngnipmvyqyRhtygrrlwe  
lpaglldvagepphltaarelreevglqastwqvlvldltapgfssdesvrvyatglrevgrpeahheEadmt  
mgwypiaeaarrvlrgeivnsiaiaagvlavhavttgfaqrpldtewidrptaafaarraer

>2FN6\_B

kefaysepcldkedkkavlevlnskqltqgkrsllfeealceflgvkhalvfnsatsalltlyrnfsefsadr  
neiittpisFvatanmllesgytpvfagikndgnidelaleklinertkaivsvdyagksvevesvqklckkh  
slsflsDsshalgseyqnkkvggfalasvvsfhaiKpittaeggavvtndselhekmklfrshgmlkkdfeg  
evksighnfrlneiqlsalglsqlkkapflmqkreeaaltydrifkdnpyftplhpllkdkssnhlypilmhqk  
fftckklileslhkrgilaaqvykpiyqyqlyqqlfntaplksaedfyhaeislpcanlnlesvqniahsvl  
ktfesf

>2SQC\_B

apayartldraveyllscqkdegywwgpllsnvtmeaEyvllchildrvdrdrmekirryllheqredgtwal  
ypggppdlldttiEayvalkyigmsrdeepmqkalrfiqsqggiessRvftrmwlaalvgeypwekvpmppeim  
flgkrmplniyefgsWaratvvalsivmsrqpvfplperarvpelyetdvpprrrgakggggwifdaldralh  
gyqklsvhpfraaeiraldwllerqagdgswggiQppwfyalialkildmtqhpafikgweglelygveldy  
ggwmfqasispvWdtglavlaalraaglpadhdrlvkagewlldrqitvpgdwavkrpnlkpggfaFqfdnvyy  
pDvCDtavvvwalntlrlderrrrdamtkgfrwivgmqssnggwgaydvndtsdlpnhipfsdfgevtppps  
edvtaHvlecfsfgyddawkvirraveylkrekpqdgswfgrWgvnylYgtgavvsalkavgidtrepyiqk  
aldwveghqnpdggwgedcrsyedpayagkgastpsqtawalmaliaggraeseaarrgvqylvetqrpddggw  
depyytgtgFpgdFylgytmyrhvfptlalgrykqaier

>1WD8\_A

gplgspqmaqgtlirvtpeqpthavcvlgtltqldicssapedctsfsinaspgvvvdiahspakkkstgss  
twpldpgevvtltmkaasgstgdqkvqisyygpktppvkallyltaveislcaditrtgkvkptravkdqrtw

twgpcgggaillvncdrdnlessamdcddedevldsedlqdmslmtlstktpkdfftnthtlvlhvarsemdkvr  
vfqatrgklsskcsvvlgpkwpshylmvpvggkhnmdfyvealafpdtdfpglitltislldtsnlelpeavvf  
qdsvvfrvapwimtpntqppqevyacsifenedflksvttlamkakcklticpeeenmddqwmqDemeigyiq  
aphktlpvfdsprnrglkefpikrvmgpdfgyvtrgpgtggisgldsfgnlevsppvtvrgkeyplgrilfg  
dscypsndsrqmhqalqdflsaqqvqapvklysdwlsvgHvDeflsfvpapdrkgfrlllasprscyklfgeq  
qneghgeallfegikkkkqqkiknilsnktlrehnsfvercidwnrellkrelglaesdiidipqlfklkefs  
kaeaffpnmvnmvlvgkhlqipkpgpvingrcleekvcslleplglqctfindfftyhirhgevhCgtnvr  
rkpfsfkwwnmvp

>1LCB\_A

mleqpÿldlakkvldeghfkpdrthtgtyisifghqmrfdlskgfpllttkkvpfgliksEllwflhgdtñirf  
llqhrnhiwdewafekwvksdeyhgpdmtdfghrsqkdpefaavyheemakfddrvlhddafaakygdldglvy  
gsqwrwhtskgdtidqlgdvieqikthpysrrlivsawnpedvptmalppChtlyqfyvndgklslqlyqrS  
aDiflgvpfniasyallthlvahecglevgefihtfgDaHlyvnhldqikeqlsrtprpaptlqlnpdkhdif  
dfdmkdikllnydpypaikapvav

>1L8T\_A

akmrispelkklikeyrcvkdtegmshpakvyklvgenenlylKmtdsrykgttydverekdmmllwlegklpvp  
kvlhferhdgwsnllmseadgvlcseeyedeqspekielyaecirlfhsididscpytnslsrlaeldyll  
nndladvdcenweedtpfkdpelydfktekpeeelvfhsgDlgsdnifvkdgkvsgfidlgrsgradkwyd  
iafcvrsiredigeeyvelffdllogikpdwekikyilldelf

>1VID\_A

mgdtkeqrilryvqqnakpgdpqsvleaidtyctqkewamnvgdakgqimdavireyspslvlelgaycgysa  
vrmarllqpgarlltmemnpdyaaaitqqmlnfagldkvtlmgasqdlipqlkkkydvdtldmfvldhwKdr  
ylpdtlllekcgllrkgtvlladnvivpgtpdfayvrgsssfecthyssylEymkvvdglekaiyqgppspd  
ks

>1UN1\_B

vafgrnyvptwafdhikyfnngneiqlhldkytggtgfqskgsylfghfsmqmklvpgdsagtvtafylssqns  
ehdEiDfEflgnrtgqpyilqtnvftggkgdreqriylwfdptkefhyysvlwnmymivflvddviprvfkn  
kdlgvkfppfnqpmkiysslwnaddwatrgglektdwskapfiasyrsfhidgceasveakfcattgarwwdqk  
efqldafqyrrlswvrqkytiynyctdrsrpsmppeckrdrdi

>1MHL\_C

vncetscvqqppcfplkipndpriknqadcipffrscpacpgsnitirñinaltsfvdasmvygseeplar  
nlrnmnqlglavngfrfqdngrallpfdnlhddpclltñrsaripcflagdtRssempeltsmhtlllrehn  
rlatelkslnprwdgerlyqearkivgamvqiityrðylplvlpgtamrkylptyrsyndsvdprianvftna  
fryghtliqpfmfrldnryqpmepnprvplsrvfffaswrvvleggidpilrglmatpaklnrqñiavdeire  
rlfeqvmrigldlpalnmqrsrdhglpgynawrrfcglpqpvetvgqlgtvlrñklarklmeqygtppñidiw  
mgyvseplkrkgrvgpallaciigtqfrklrdgdrfwenegvfsmqqrqalagislpriicdntgittvskñ  
ifmsnsyprdfvncstlpalñlaswrea

>3BHK\_A

sthfdvdivvgagsmgmaagyqlakqgvktllvdafdphtngshhgdTkiirhaygegreyvplalrsqelwy  
elekethhkiftktgvlvfgpkgesafvaetmeaakehsltvdllegdeinkrwpgitvpenynaifepnsgv  
lfsencirayrelaeargakvlthtrvedfdispsdvkietangsyatadklivsmgawnskllsklnldiplq  
pyrqvvgffesdesksyndidfpqgmvevpñgiyygfpsfggcglKlgyHtfgqkidpdtinrefgvypedes  
nlrafleeympgangelkrqavCmytktldehfiidlhphehsvviaagfsghgfkfssgvgevsqalaltgk  
tehdisifsinrpalkeslq

>1VOM\_A

mñpihðrtsdyhkylkvkqgdsdlfkltvskryiwynpdpderdsyecgeivsetsdsftfktvdgqdrqv  
kddanqrñpikfdgvedmselsylñepavfhñlrvrñqdliytysglflvavñpfkripiytqemvdi  
kgrrrnevaphifaistvayrsmlddrñqñsllitgesGagktentkkviqylasvagrñqangsgvleqqilq  
pileafgnakttrNnnssrfgkfieiqfñnagfisgasiqsyllleksrvvfqseternyhiqylagatae  
kkalhlagesfñylnqsgcvdikgvsdedefkitrqamdivgfsqeeqmsifkiiagilhlgnikfekgag  
gavlkdktalnaastvfgvñpsvlekalmeprilagrðlvaqhlñvekssssrdalvkalygrlflwlvkñ  
nvlcseraayfigvldisGfEifkvnsfeqlcinytneklqffñhñmfkveqeeylkekinwtfidfglds  
atidlidgrqppgilalldeqsvfpnatdñtlitklhshfskknakyeepfrsktefgvthyagqvmyeiqdw  
leknkdplqqdlelcfkdssdñvvtklfndpñiasrakkganfitvaaqykeqlaslmattettñphfvrcii



pnnkqlpakledkvvlldqlrcngvlegiritrkgfnpnriiyadfvkryyllapnvprdaedsqkatdavlkhlnidpegyrfgitkiffragqlarieearelpn

>1DQW\_A

mhkatykerathpspvaaklfnimhekqtnlcasldvrttkellelvealgpkiellKthvdiltdfsmegt  
vkplkalsakynfllfeDrKfaDignrtvklqysagvyriaewaditnahgvvgpgivsglkqaaeevtkeprg  
llmlaelsckgslstgeytkgtvdiakskdfvigfiaqrdmggrdegydwlimgvgvlddkgdalggqyrt  
vddvstgdsdiivgrglfakgrdakvegeryrkagweaylrrcgqqd

>1OBA\_A

mvkknldlfvDvsshngyditgileqmggtnttiikisesttylnrclsagveqsnpigfyhfarfggdvaeaer  
eaqffldnvpmqvkvylvldyEddpsgdaqantnaclrfmqmiadagykpiyyysykpftdhndvdyqqilaqfnp  
slwiagyglndgtanfeyfpsmdgirwwqyssnfpDknivllddeeddkpktagtwkqdskgwwfrrnngsf  
ynkwekiggvwyfyskgycltsewlkdnkwyylkdnngamatgwvlvgsewymddsgamvtgwkvyknnwy  
ymtnergnmvsnefiksgkgwyfmntngeladnpsftkepdglitva

>1IOD\_A

drintvrgpitiseagftlthehicgssagflrawpeffgsrkalaekavrglrraraagvrtivdvstfdig  
rdvsllaevsraadvhivaatglwfdpplsmrlrsveeltqfflreiyygiedtgiragiikvattgkatpfq  
elvlkaaaraslatgvpvtthtaasqrdgeqqaafeseglsprvcighsdDtddlsyлтаalaargyligld  
HiphsaiglednasasallgirsqtrallikalidqgymkqilvsnDwlfgfssyvtnimdvmdrvnpgdma  
fiplrviplfregvvpqetlagitvtnparflsptlras

>1RPX\_B

srvdkfsksdiivspsilnsanfsklgeqvkaieqagcdwiHvDvmdgrfvpnitigpllvdsldrpdldlv  
Hlmivepdqrvpdfikagadivsvhceqsstihlhrtinqikslgakagvvlmpgtpltaieyvldavdlvli  
msvnpvgggqsfilesqvkkisdrlrkicaerglnpwievDggvgpknaykvieaganalvagsavfgapdyaea  
ikgiktskrpe

>1KAE\_A

msfntiidwnsctaeeqqrqllmrpaisasesitrtvndildnkvargdealreysakfdkttvtalkvsae  
aaaserlsdelkqamavavknietfhthaqklppvdvetqpgvrcqqvtrpvasvglyipggsaplfstvlmla  
tpasiagckkvvlcspppiadeilyaaqlcgvdvfnvggaqiaaafgtesvpkvdkifgpgnafvteakr  
qvsqrlldgaaidmpagpsevlviadsgatpdfvasdllsqahgpdsvilltpaadmarrrvaeaverqlael  
praetarqalnasrlivtkdlaqcveisnqygpEHliiqtrnarelvsitsagsvflgdwspesagdyasgt  
nhvlptygytatcsslgldfqrmtvqelskegfsalastietlaaaerltahknnavtlrvnalkeqa

>1BU7\_A

tikempqpkftgelknplllntdkpvqalmkiadelgeifkfeapgrvtrylssqrlikeacdesrfdknlsq  
alkfvrdfagdgflftswtheknwkkahnillpsfsqqamkgyhammvdiavqlvqkwerlnadehievpdm  
rtlditiglcgfnrfsfyrdqphpfitsmvraldeamnlqranpddpaydenkrqfgedikvmdnlvdki  
iadrkasgeqsddllthmlngkdpetgeplddeniryqiitfliagheTtsqllsfalyflvknphvlqkaae  
earvldvpvpsykqvkqlkyvgmvlnealrlwptapafslakedtvlgggeyplekgdelmvlipqlhrdkt  
iwgddveefrperfenpsaiphafkpFgngqraCigqqfalheatlvlgmmlkhfdfedhtnyeldiketlt  
lkpegfvvakskkipl

>1OE8\_A

mtgdhikviYfnggrgraesirmtlvaagvnyederisfqdwpkikptipggrrlpavkitdnhghvkwmvesla  
iarymakkhmmggteeeeyynvekligqaedleheyktlmkpeekqkiikeilngkvpvllldiiceslks  
tgklavgdkvltladlvliavidhvtldkefltgkypeihkhrenllassprlakylsdraatpf

>1D7R\_A

mslnddatfwrnarqhlvryggtfepmiierakgsfvydadgraildftsgqmsavlgchchpeivsvigeyag  
klhdlfsgmlsrpvvdlatrlanitppglldrallstgaesneaaairmaklvtgkyeivgfaqsWhgmtgaaa  
satysagrkgvgpaavgfapapfityrprferngaydylaeldyafdlidrqssgnlaafiaepilssggii  
elpdgymaalkrkceargmllilDeagtgvgrtgtmfacqrdgvtpdiltlsKtlgaglpaaivtsaaieer  
ahelgylyfytthvsdplpaavglrvldvvrqrdglvaranvmgdrllrrglldlmerfdcigdvrglllgvei  
vkdrtrkepadglgakitrecmnlglsmnivqlpgmggvfriaappltvsedeidlglslggaieral

>1DQA\_A

gamassvltqepeielpreprpneeclqilgnaekgakflsdaeiiglvnakhipaykletliethergvsi  
rrqlskklsepsslqylpyrdynslvmgaccenvigypipvgvagplcldekefqvpmattEgclvastn  
rgcraiglgggassrvladgmtrgpvvrlpracdsaevkawletsegfavikeafdstsrfarlqklhtsiag

rnlyirfqsrsgdamgmnmiskgtekalsklheyfpemqilavsgnyctdKkpaaainwiegrgksvvcavip  
akvvrevlkttteamievninknlvgamagsiggynahaanivtaiyiacgqDaaqnvvgssncitlmeasgp  
tnedlyisctmpsieigtvgggtnlppqgaclqmlgvqgackdnpngenarqlarivcgtvmagelslmaalaa  
ghlvksHmihnrskinlqdlqgactkhta

>1XQW\_A

mdqecienyakvngiyiyyklckapeekaklmtmhgGpgmshdyllslrdmtkegitvlfydgfgcgrseepd  
qskftidygvveaealrsklfgnekvlflmgsAYggalalayavkyqdhlkglivsgglssvpltkemnrlid  
elpakyrdaikkygssgsyenpeyqeavnyfyhqhlrsedwpprevlksleyaerrnvyrimgnpneftitgt  
ikwditdkisaikiptlitvgeyDevtpnvarvihekiagselhvfrdcsHltmwedregynkllsdfilkh  
l

>2P2F\_B

hkhaipaniadrclinpeqyetkyqsindpdtfwgeggkildwitpyqkvknts fapgnvsikwyedgtlnl  
aancldrhlqengdrtaiiwegddtsqskhisylrelhrdvcrfantlldlgikkgdvvaitympmvpeaavaml  
acarigavhsvifggfspeavagriidsssrlyitadegvragsiplkknvddalknpnvtsvhevivilkrt  
gsdidwqegrdlwrrdliekaspehqpeamnaedplfilytsgstgkpgvlhttggylvyaattfkyvfdyh  
pgdiywtadvgwvtghsylllygplacgattlmfegvnpwptparmcqvvdkhqvnilytaptairalmaegd  
kaiegtdrssrlrilgsvgepinpeawewywkkgkcpvvdttwwqTetggfmitplpgaielkagsatrpff  
gvqpaldvneghpqegategnlvitdswpggqartlfgdherfeqtyfstfknmyfsgdgarrdedgyywtgr  
vddvlNvsghRlgtaeiesalvahpkiaaavvgiphaikgqaiyayvtlnhgeepspeleyaevrnwvrkeig  
platpdlhwtdslpktrsgKimrrilrkiaagddpgvvleekqa

>1A65\_A

qivnsvdmtltnanvspdgftragilvngvhgplirggkndnfelnvndldnptmlrptsihwhglfqrgrt  
nwadgadgvnqcpispghaflykftpaghagtfwyhshfgtqycdglrgpmviyddndphaalydeddentii  
tladwyhipapsiqgaagpdatlingkgrvvgppaaelsivnveggkkyrmrlislsdpnwqfsidghelti  
ievdgeltephtrdlrqiftgqrysflvdanqpvdnywiragpnkgrnglagtfangvnsailryagaanadp  
ttsanpnpaqlneadlhalidpaapgiptpgaadvnlrfqlgfsggrftingtayespsvptllqimsgaqa  
ndllpagsvyelprnqvvelvpagvlggphpfhlhghafsvvrsagsstynfvnpvkrdvslgvtgdevti  
rfvtdnpgpwffHCHiefhlmnlaivfaedmantvdannppvewaqlceiyddlppeatsiqtvv

>1EUG\_A

maneltwhdvlaeekqppyflntlqtvaserqsgvtiypkdvfnaftrtelgdvkvvilgqDpyhgpggah  
glafsvrpgiaippsllnmykelentipgftprnhgyleswarqgvlllntvltvraggahshaslgwetftd  
kvislinqhregvvfllwgshaqkkgaiidkqrhhvlpkapHpsplsahrgffgcnhfvlanqwleqhgetpid  
wmpvlpaeae

>3EP6\_A

smfvskrfilktCgttlllkalvpllklardysgfsiqsffysrknfmkpshqgyphrnfqeeieflnaif  
pngaaycmgrmnsdcwylytldfnqtileilmseldpavmdqfymkdgvtakdvtresgirdlipgsvidatmf  
npcgysmngmksdgtywtihitpepefsyvsfetnlsqtsyddlirkvvevfkgpgkfvttlfnqpqkiegfk  
rldcqsamfndynfvfts fak

>2DPH\_B

agnksvvyhgtrdlrvetvpyplehnnrklehavilkvvstnicGSdqHiyrgrfivpkghvlgheitgevv  
ekgsdvelmdigdlvsvpfnvacgrcrnckearsdvcennlvnpdadlgafgfdlkgwsggqaeyvlvpyady  
mlkfgdkeqamekikdltlisdilptgfghcv sagvkgpshvyiagagpvgrcaaagarllgaacvivgdqn  
perlklldagfetidlrnsaplrddqidqilgkpevdcgvdavgfahglgdeantetpngalnsldfvrag  
gaigipgiyvgdpdpvnkdagsgrlhldfgkmwtskirimtgmapvtynrhlteailwdqmpylskvmnie  
vitldqapdgyakfdkgspakfvidphgmknk

>1Q3Q\_A

maqlsgqpvvilpegtqryvgrdaqrlnilaariaetvrttlgpkgmmdkmlvdsldgdivvtndcatildkid  
lqhpaakmmvevaktqckeagdgTTtavviagellrkaeelldqnihsiitkgyalaaekaqeildeiairv  
dpddeetllkiaatsitgknaeshkellaklaveavkqvaekkdgyvvdldnikfekkgageveeselvrgv  
vidkevvhprmpkrvenakialinealevkkttetdakinitspdqlmsfleqekmldkmdvhdiaqtganvvf  
vqkgiddlaqhylakygimavrrvkkksdmeklakatgaktvtnvkdltpedlgyaevveerklagenmifveg  
cknpkavtilirggtehvdeveraleDavkvvdvmedgavlpaggapeielairldeyakvggkealaie  
nfadalkiipktlaenagldtvemlvkvisheknrglgigidvfegkpadmlekgiieplrkkqaiksasea  
aimilriddviaakatkepggggggmpggmggmdmgm

>1X9H\_A  
msqllqdylnwenyilrrvdfptsyvvegevvrieamprlyisgmggsgvvadlirdfsltwnweveviavkd  
yflkardglliavsysgntietlytveyakrrripavaittggrlaqmgvptvivpkasapRaalpqlлтаал  
hvvakvygidvkipegleppnealihklveefqkrptiiaaesmrgevayrvknefnEnakiepsveilpeahH  
nwiegseravvaltsphipkehqervkatveivggsiyavemhpkgvlsflrdvgiasvklairgvnplatp  
ridalKrrlq  
>1EIX\_A  
mtltassssravtnspvvvaldyhnrddalafvdkidprdcrlKvgkemftlfgpqfrelqqrgfdiflDlK  
fhDipntaahavaaaaadlgvwmvnhasggarmmtaarealvpfgkdaplliavtvltsmeasdlvdlgmtls  
padyaerlaaltqkcgldgvvcsageavrfrkqvfgqefklvtpgirpqgseagdqrrimtpeqalsagvdymv  
igrpvtqsvdpaqtlkainaslqrsa  
>1QST\_A  
ldfdiltndgthrnmkllidlknifsrqlpkmpkeyivklvfdrhhesmvilkknkqkviggicfrqykpqrfa  
Evaflavtaneqvrvggtrlmnkfkdhmqkqnieylltyadnfaigyfkkqgftkehrmpqekwkyikdydg  
gtlmecyihpyvdy  
>2B3I\_A  
asvqikmgtdkyaplyepkalsisagdtvefvmnkvgphnvifdkvpagesapalsntklaiapgsfysvtlg  
tpgtysfyctpHrgagmvgtitve  
>3E5R\_B  
gkikigingfgrigrvarvalqsedvelvavndpfittdytymfkydvtvhgqwkhsdikikdsktlllgek  
pvtvfgirnpdeipwaeagaeyvestgvftdkekaaahlkggakkvvisapskdapmfvcgvnedkytsdid  
ivsnasCttnclaplakvihdnfgiieglmttvHaitatqktvdgpsskdwrggraasfniipsstgaakavg  
kvlpdlngkltgmsfrvptvdvsvvdltvriekaasydaiksaiksasegklkgiigyveedlvstdfvgdsr  
ssifdakagialndnfvklvawydnewgysnrvidlirhmaktq  
>1EHK\_B  
mvdehkahkailayekgwlaflslamlfvfialiyatlathtagvipagklervdpttvrrqegpwadpaqavvq  
tgnpqytvyvlaFaFgyqnpievpqgaeivfkitspdvihghfvegtninvevlpgevstvrtyfkrpgeyr  
iicnqycglghqnmfgtivrve  
>1EHK\_A  
mavraseisrvyeaypekkatlyflvlglflalivgslfgpfqalnygnvdaypllkrllpfvqsyqqglthg  
vlnaivftqlfaqaimvylparelnmrpnmgmlwslswmfaiglvvaalpllaneatvlytfypplkghwafy  
lgasvflvstwvsiyivldlwrrwkaanpgkvtplvty mavvfwlmwflaslglvleavflllpwsfglveg  
dplvartlfwwtgHpivYfwllpayaiiytilpkqaggklvsdpmarlafllflllstpvfgfhhqfadpgidp  
twkmihsvltlflvavpslmtaftvaaslefagrlrggrglfgwiralpwnpafvapvlgllgfipggaggiv  
nasftldyvvhntawvpghFHLqvaslvtltamgslywllpnlgtkpkisdaqrrlglavvwlfllgmmimavg  
lhwagllnvpRRayiaqvdayphaavpmvfnvlagivllvalllfiyglfsvllsrerkpelaaplpaev  
isgpedrrlvlamdrigfwfavaailvlaygpptlvqlfghlnpvpgwrlw  
>1OGO\_X  
hgttanthcgadfcctwwhdsgeintqtpvqpgnvrqshkysvqvslagtnnfhdsfvyesiprngngriyapt  
dppnsntldssvddgisiepsiglnmawsqfeyshdvdkilatdgsslgspsdvvirpvsisyaisqsddgg  
ivirvpadangrkrfsvefktldlytflsdgneyvtsggsvvgveptnalvifaspflpsgmiphmtpdntqmt  
pgpinngdwgaksilyfppgvymnqdgsgnsgklgsnhirlnsntywvylapgayvkgaieyftkqnfyatg  
hgilsgenyvyqanagdnnyaivksdstslrmwwhnnlgggqtwycvgptinappfntmdfngnsgissqisdy  
kqvgaaffqtDgpeiypnsvvhdvfwvhvDdaikiyysgasvsratiwkchndpii qmgwtsrdisgvtidl  
nvihtryiksetvvpasaiigaspfyasgmspdsrksismtvsnvvceglcplfritplqnyknfvvknvafp  
dglqtnsigtgessiipaasgltmglaisawtiggqkvtenfqanslgqfnidgsywgewqis  
>3ZQ6\_B  
afkdlfkfnkgkttfvfiggkgGvgKttisaatalwmarsgkktlvistdpahslsdslerightptkiten  
lyaveidpevameeyqakdmlqdqmdmasmsp gideaaa fdqflrymttdeydivifdtaptghlrlsfp  
imdswwgkmikirr qigsalq dmeatkkqinaarevmsdpertsfkmvvipeemsiyeseramkalekysiha  
dgvivnqvlpeesdcefc narrklq qerlkq irekfsdkvvaevpllkkeakgietlekieaqlygepe  
>2I4M\_A  
gshmrslsrfflpilkenpkeaeivshrlmlragmlr qeaagiyawlplghrvlkkieqivreeqnragaiell  
mptlqladlwresgrydaygpemlriadrhkre llygptneemiteifrayiksykslplnlyhiqwkfRdeq

rprfgvmrgreflmkdaysfdvdeagarksynkmfvaylrtlrtfarmglkaipmraetgpiggdlshefivlaet  
gesgvyidrdvlnlpvpdenvdgdldtpiikqwtsvyaatedvheparyesevpeanrlntrgievggifyf  
gtkysdsmkanvtgpdgtdapihggsygvgsrllgaiieachddngiiwpeavapfrvtlilnlkqgdaatda  
acdqlyrelsakgvdvlyddtdqragakfatadligipwqihvgprglægkvelkrdsdgarenlalatdvva  
r

>1AMP\_A

mppitqgqatvtawlpqvdasqitgttisslesftrrfytttsgaqasdwiasewqalsaslpnasvkqvshsgy  
nqksvmtitgseapdewivigghldstigshtneqsvapgadddasgiaavtevirvlsennfqpkrsiafm  
ayaaEevglrgsqdlanqyksegknvvsalqldmtnykgsaqdvvfitdytdsnftqyltqlmdeylpsltyg  
fdtcgyacsdhaswhnagypaampfeskfndynprihttqdtlansdptgshakkftqlglayaieangsag

>2PTH\_A

tiklivglaNpgaeyaatrHnagawfvdllaerlraplreeakffgytsrvtlggedvrllyvpttfmnlsgka  
vaamasffrinpdeilvahDeldlppgvakfklggghgghnglkdiisklgnnpnfhririghpgdknkvv  
gfvlgkppvseqklideaideaarctemwftdgltkatnrlhafkaq

>1GOJ\_A

msssansikvvarfrpqnrveiesggqpivtfqgpdctvdskeaggsftfdrvfdmsckqsdifdfsikptv  
ddilngyngtvmfaygqtagaksytmmtgsiddpdgrgviprivegiftsilssaanieytrvrsymeymeri  
rdllapqndnlpvheeknrgvyvkgllieyvssvqevyevmrrggnaravaatnmqessrshsifvititqk  
nvetgsaksgqlflvdlaGsekvgtgasgqtleakinksalsalgmvinalt dgksshvpyrdskltrilq  
eslggsnrsttliincspssyndaetlstlrfgmraksiknkakvnaelspaelkqmlakaktq

>1MUC\_A

mtsaliieridaiivdlptirphklamhtmqgqtlvvlrvrcsdgvegigeattiggelaygyespegikanida  
hlapaliglaadninaamlkldklakgntfaksgiesalldaqgkrlglpvsellggrvrdslavawtlasgd  
tardiaeearhmleirrhvfkKlKiganpveqdlkhvvtikrelgdsasvrvdvnqywdesqairacqvlgdng  
idlieqpisrinrggqvrlnqrtpapimadesiesvedafslaadgaasifalkiaknggpravlraquiaea  
agiglyggtmlegsigtlasahaftlrlqltwgtElfgplllteeivneppqyrdfqlhiprtpglgltldeq  
rlarfarr

>1EC9\_A

mssqfttpvvtemqvipvaghdsmmlnlgahapfftrniviikdmsghtgvgeipggekirktledaiplvv  
gktlgeyknvltlvrntfadrdaqgrglqtfdlrrtihtvvtgieaamlldllgqhlgvnvasllgdgqqrseve  
mlglylffvgnrkatplpyqsqpdscdwyrldrheeamtpdavvrlaeaayekygfndfKlKggvlageeeeaes  
ivalaqrfrpqraritldpngawslneaikigkylkgslyayaedpcgaeqgfsgrvmaefrratglptatnmia  
tdwrqmghtslslqsvdiplaDphfwtmqgsvrvaqmchefgltwgsHsnnhfdislamfthvaaapgkitai  
Dthwiwqegnqrlltkepfekggglvqvpekpplgveidmdqvmkahelyqkhglgarddamgmqylipgwtfd  
nkrpcmvr

>1G0D\_A

masykglivdvngrshennlahrtreidrerlivrrgqpf sitlqc sds lppkhhlelvhlglkrdevvikvq  
kehgardkwfnqggaqdeilltlhspanavighyrlavlvmspdghiveradkisfhmlfnpwcrrdmvylp  
desklqeyvmnedgviymgtwdyirsipwnyggfedyvmdicfevldnspaalknsem diehrsdpvyvg rti  
tamvnsngdrvgltgrweepytgdgvapyrwtgsvpilqqwskagvrpvkygqCwvf aavactvlrclgiptrp  
itnfasahdv dgnls vdfllnerlesldsrqrsdsswnfHcwveswmsredlpegndgwqvlDptpqelsdge  
fccgpcpvaaakegnlgvkydapfvfaevnadiyiwivqkdqgrrkitedhasvgknistksvygnhredvtl  
hykypegsqkerevykkagrrvtepsneiaeqgrlqlsikhaqpvfgtfdvivevkneggrdahaqltmlam  
avtYnslrrgecqrktisvtvpahkahkevmlrhyddyvrcvsehhlirvkalldapgengpimtvaniplst  
pellvqvpgkavvwepltayvsftnplpvplkggvftlegagllsatqihvngavapskvsvklsfspmrtg  
vrkllvd fdsdr lkdvkgttvvvhkkysrlitglhtd

>1C2T\_A

mnivvlisngnsnlqaiidacktnkikgtvravfsnkadafglerarqagiathltiasafdsreaydrelih  
eidmyapdvvlagfmrilspafvshyagrlNiHpsllpkypglhthrqalengdeehgtSvhfvtdelDgg  
pvilqakvpvfagdsedditarvqtqehaiyplviswfadgrlkmhenaawldgqrlppqgyaade

>3PVA\_A

Csslsirttddkslfartmdftmepdskviivprnygirllekenvvinnsyafvgmgstditspvlydgvne  
kglmgamLYatfatyadeppkgttginpvyvisqvlgnvcvtvddviekltsytllneaniilgfapplhytf  
tdasgesiviepdktgitihrk tigmvtNspgyewhqtnlrayigvtpnppqdimmgdldltpfgqgagglgl

pgdftpsaRflrvaywkkytekaknetegvtnlfhilssvnpkqgvltnegktdytiytsamcaqsknyyfk  
lydnsrisavslmaenlnsqdlitfewdrkqdikqlnqvnm

>1HV9\_A

mlnnamsvvilaagkgRmysdlpkvhltagkamvqhvidaanelgaahvhlvyghggdlkqalkddnlw  
vlqaeqlgtghamqgaapffadedilmlygdvplisvetlqrlrdakpqqgiglltvklldptgygritren  
gkvtgivehkdatdeqrqi qeintgiliangadmkrwlakltnnnaggeyyitdiialayqegreivavhpqr  
lsevegvnrlqlsrlervyqseqaeklllagvmlrldparfdlrgtlthgrdveidtnviiegnvtlghrvki  
gtgcviknsvigddceispytvvedanlaaactigpfarlrpgaellegahvgnfvemkkarlgkgs kaghl  
ylgdaeigdnvnigagtitcnydgankfktiigddvfvgstqlvapvtvgkgatiaagttvtrnvgenalai  
srvpqtqkegwrrpvkkk

>1DVE\_A

merpqldsmsqdlsealkeatkevHiraensefmrnfqkgqvsregfklvmaslyhiYtaleeeiernkqnpv  
yaplyfpeelhrraaleqdmafwygphwqeaipytpatqhyvkrhevggthpellvahayTRylGDlsGgqv  
lkkiaqkamalpssgeglafftfpsidnptkfkqlyrarmntlemtpevkhrvteeaktafllnielfeelqa  
llteehkdqspsteflrqrpaslvqdttsaetprgksqistsssqt

>1I1H\_A

peydyirdgnaiyersfaiiraeadlsrfseeeadlavrmvHacgsveatrqfvfspdsvssaraalkagapi  
lcdaemvahgvtrarlpagnevictlrdprtpalaaeigntrsaaalklwserlagsvvaigaptalfille  
mlrdgapkpaailgmpvgfvgaaeskdaalsygvpfavivrgrlggsamtaaalnsarpgl

>1EXP\_A

attlkeaadgagrdfgfaldpnrlseaqykaiadsefnlvvaenamkwdatepsqnsfsfgagdrvasyaadt  
gkelyghtlvwhsqlpdwaknlngsafesamvnhvtkvadhfeqkvaswddvnEafadgggrrqdsafqqklg  
ngyietafraaraadptaklcindynveginaksnslydlvkdfkargvpldcvgfqsHlivgqvpgdfrqnl  
qrfadlgvdvritElDirmrtpsdatklatqaadykkvvqacmqvtrcggvtvwgitdkyswvpdvfpgegaa  
lvwdasyakkpayaavmeaf

>1QGX\_A

malerellvatqavrkaslltkriqsevishkdsttitkndnspvttgDyaaqtiinaiksnfpddkvvgee  
sssglsdafvsgilneikandevynknykkddflftndqfplksledvrqiidfgnyeggrkgrfwcldpidg  
Tkgflrgeqfavclalivdgvvqlgcigcpnlvlssygaqdlkgshesfgyifravrglgafyspssdaeswtk  
ihvrhlkdtkdmitlegvekgshshdeqtaiknklnskshlhdseqakycllalgladvylrlpiklsyqeki  
wDhaagnvivheaggihtdamedvpldfngtrlatkgviassgprelhdlvvstscdviqsrna

>1MNF\_A

aakdvkfgndarvkmlrgvnlavkvltlgpkgrnvldksfgaptitkDgvsvareieledkfenmgagmv  
kevaskandaagdgTtTatvlaqaiiteglkavaagmnpmdlkrgidkavtaaveelkalsvpcsdskaiav  
gtisansdetvgk liaeamdkvgkegvitvedgtglqdelvvegmqfdrgylspyfinkpetgavelespfi  
lladkkisniremlepvleavakagkplliiaedvegealatlvvntmrgivkvaavkapgfgdrkamlqdia  
tltggtvisseeigmelekatledlgqakrvvinkdtttiidgeveeaaiggrvaqirqqieeatsdydreklq  
ervaklaggvavikvgaatevemkek karveDalhatraaveegvvagggvalirvaskladlrqnedqnv  
ikvalrameaplrqivlncgeepsvantvkggdgnygynaateeygnmidmgildptkvtrsalqyaasvag  
lmittecmtldpk

>1RVV\_2

mniiqgnlvgtglkigivvgrfndfitskllsgaedallrhgvtdndidvawvpgafeipfaakmaetkkyd  
aaitlgtvirgattHydyvcneaakgiaqaanttgvpvifgivttenieqaieragtkagnkgvdcavsaie  
anlnrsfe

>1BTL\_A

hpetlvkvkdaedqlgarvgyieldlnsgkilesfrpeerfpmStfKvllcgavlrsridagqeqlgrrihys  
qndlveyspvtekhlt dgm tvrelcsaaaitmSdntaanllltiggpkeltaflhnmgdhvt rldrwEpelne  
aipnderdttmpvamattlrklitgelltlasrqqlidwmeadkvagpllr salpagwfiadksgagergsrg  
iaaalpgdgkpsrivviyttgsgatmdernrqi aeigaslikhw

>3E7B\_A

slnldsiigrlllevqgsrpgknvqlteneirglclksreiflsqpilleleaplkcicgdihgqyydllrlfey  
ggfppesnylflgdyvDRgkqsleticlllaykikypenffllrgNHecasinriygfydeckrryniklwkt  
ftdcfnclpiaaivdekifcchgglspdlqsmeqirrimrptdvpdqgllcdllwsdpdkdvqgwgendRgvs

ftfgaevvakflhkhldldicraHqvvedgyeffakrqlvtlfsapnycgefdnagammsvdetlmcsfqilk  
pa  
>1LZ1\_A  
kvfercelartlkrlgmdgyrgislanwmclakwEsgyntratnynagdrstDygifqinsrywncdngktpga  
vnachlscsallqdniadavacakrvvrpdqgirawvawrnrcqnrdvrqyvvgcgcv  
>1MAS\_A  
akkiilddcDpglddavaillahgnpeiellaaittvvgnqtlakvtrnaqlvadiagitgvpiaagcdkplvrk  
imtaghihgesgmtvaypaeafknkvderhavnlidlvmshepkitltvptggltniamaarleprivdrvk  
evvlmgggyhegnatsvaeaNioidpeaahivfneswqvtmvgldlthqalatppilqrvkevdtntparfmle  
imdyytkiyqsnrymaaaavHdpcavayvidpsvmttervpvdieltgkltlgmtvadfrnprpehchtqvav  
kldfekfwglvldalerigdpq  
>2C61\_A  
gplifvektepvgyneivnikmgdgtvrrgqvlldssadivvvqvfftgetlklpasvdllgrilsgsgeprdg  
gprivpdqllldingaamnparylppkdfiqtgistidgtntlvrgqklpifsasglphneialqiarqasvpg  
sesafavvfaamgitneeayfmsdfektgaleravvflnladdpaverivtprmaltaaeylayehgmhvlv  
iltditnyaealrqmgaarnevpgrrgypgymytdlatlyeragivkgakgsvtqipilsmgddithpipdl  
sgyitegqivvarelhrkgiyppinvlpslsRlmnsgigagktredhkavsdqmyagyaegrldrglvaivgk  
ealserdtkflefadlfdkfvrrqgrnenrtiedtleigwqilthlpenqlgridnkyiqkyhpah  
>1DHP\_A  
mftgsivaivtpmdekgnvcraslkklidyhasgtsaivsvgttgesatlnhdehadvmmtdladgripv  
iagtganataaeaisltqrfdnsigivgcltvtpyynrpsqeglyqhkaiaehtdlpqilYnvpsRtgcddlpe  
tvgrlakvkniigiKeatgnltrvnqikelvsddfvllsgddasaldfmqlgghgvisvtanvaardmaqmck  
laaeghfaearvinqrmlplhnklfvepnpipvkwackelglvatdtlrlpmtpitdsgrtvraalkhagll  
>1BFD\_A  
masvhgttyellrrqgidtvmfngpgsnElpflkdfpedfryilalqeacvvgiadgyaqasrkpafinlHsaa  
gtgnamgalsnawnshsplivtagqqttramigvealltnvdaanlprplvkwsyepasaaevphamsraihma  
smapqgpvyvlsvpyddwdkdadpqshhlfdhrhvsrvrlnqdldilvkalnsasnpaivlgpdvdaananad  
cvmllaerlkapvwvapsaprcpfptrhpcfrglmpagiaaaisqlleghdvvlvigapvfryHqydpqgylkpg  
trlisvtcdpleaarapmgdaivadigamasalanlveessrqlptaapepakvdqdagrlhpetvfdtlnm  
apenaiylneststtaqmwqrlnmrnpgsyyfcaaggglgfalpaagvqlaeperqvaviavigdgsanysisal  
wtaaqyniptifvimnngtygalrwfagvleaenvpgldvpgidfralakgygvqalkadnleqlkgsleal  
sakgpvlievstvsvpk  
>1I29\_A  
mifsvdkvradfpvlsrevnglplayldsaasaqkpsqvidaeafyrhgyaavhrgihtlsaqatekmenvr  
kraslfinarsaeelvfvrgtteginlvanswgnsnvragniiismehhanivpwqmlcarvgaelrvipl  
npdgtlqlletlptlfdetrllaithvsnlvgtenplaemitlahqhgakvlvdgaqavmhhpvdvqaldcdf  
yvfgshKlygptgigilyvkeallqemppwegggsmiatvslsegttwtkapwrfeagtpntggiiglgaale  
yvsalglnniaeyeqnlmhyalsqlesvpdltlygppqnrlgviafnlgkhhaydvgsfldnygiavrtghCa  
mplmayynvpamcraslamintheevdrldvtglqrihrllg  
>1CMX\_A  
msgenravvpiesnpevftnfahklglknewayfdiysltepellaflprpvkaivllfpinedrksstsqqi  
tssydviwfkQsvknaCglyailhslsnqsllepgsdldnflksqsdtsssknrfddvttddqfvlvikenv  
qtfstgqseapeatadtnlHyityveenggifelDgrnlsqplylgksdptatdlieqelvrvrvasymenan  
eedvlnfamllglgpnw  
>2PJR\_G  
gdavmlmtlhaakglefpvvfligmeegifphnrsledddemeeerrlayvgitRaeeelvltsaqmrtlfgn  
iqmdppsrfllneipahlletas  
>1HZF\_A  
spggvasllrlprgCgeQtiylaptlaasryldkteqswstlppetkdhavdliqkgymriqqfrkadgsyaaw  
lsrdsstwltafvklvslageqvgspeklqetsnwllsqqqadgsfqdpcpvlrdsqggglvndetvalta  
fvtialhhglavfqdegaepkqrveasiskassflgekasagllgahaaaitayaltltkapadlrgvahnn  
laaquetgdnlwygqapalwiettayallhlllhegkaeadqasawltrqgsfqqgfrstqdtvialdalsayw  
iasht  
>1QD6\_D

ftlypydtnyliytqtsdlnkeaiasydwaenarkdevkfqlslafplwrgilgpnsvglasytqkswwqlsn  
seesspfretnyepqlflgfatdyrfagwtlrdvemgynHdSnGrsdptsrswnrlytrlmaengnwlvevkv  
wyvvgntddndpdkymggyqlkigyhlgdavlsakgqynwntgyggaelglstypitkhvrltqvysgyges  
lidynfnqtrvgvgvmlndlf

>1DxE\_A

mnndvfpnkfkalaakqvqigcwsalsnpistevlglagfdwlvldgeHapndistfipqlmalkgsasapv  
vRvptnepviikrllldigfynflipfvetkeaelavastrypppegirgsvsvshranmfgtvadyfaqsnni  
tilvqiesqqgvndvdaiaategvdgifvgpsdlaaalghlgnashpdvqkaiqhifnrasahgkpsgilapv  
eadarrylewgatfvavgsdlgvfrsatqkladtffk

>1AJ0\_A

mklfaqgtsldlshphvmgilNvtpdsfsdggthnslidavkhanlminagatiidvggestRpgaaevsvee  
elqrvipvveaiaqrfevwisvdtstskpeviresakvgahiindirslsepgaleaaaetglpvcmlhmqqgnpk  
tmqeapkyddvfaevnryfieqiarceqagiakeklldpgfgfgknlsnysllarlaefhfhfnlpllvgms  
rksmigqllnvgsperlsgslacaviaamqgahiiRvhdvketveamrvveatlsakenkrye

>1GTP\_S

pslskeaalvhealvargletplrppvhemdnetrksliaghmtelimqllnldladdslmetphriakmyvde  
ifsgldyanfpkitlienkmkvdemvtvrditltstceHhfvtidgkatvayipkdsviglskinrivqffa  
rpqvqerltqqilialqtllgtnnvavsidavHycvkargirdatsattttslggflkssqntreheflravrh  
hn

>3PCA\_N

paqdnrsrfvirdrnwhpkaltptyktsiarsprqalvsipqsisettgpnfshlgfghdhdlldnfglpige  
riivagrsvdqyqkvpntlvemwqanaggryrhkndrylapldpnfggvgrcldtsdgyysfrtikpgpYpw  
rngpndwRpahihfgisgpsiaklitqlyfegdplipmcpivksianpeavqqliakldmnnanpmdclayr  
fdivlrgqrkthfe

>1CG6\_A

masgttttavkigiigtglldpeilegrtekyvdtpfgkpsdalilgkiknvdcvllarhgrqhtimpskvn  
yqaniwalkeegcthvittacgslreeiqpgdiviidqfidrttmrqpqsfydgshscargvchipmaepfcp  
ktrevlietakklglrchskgtmvtiegrpfssraesfmfrtwgadvinmttvpevvlakeagicyasiamat  
DyDcwkeheeeavsvdrvlktikenankakslllttipqigstewsetlhnlnkmaqfsvllprh

>1KOW\_A

mledlkrqvleanlalpkhnlvtltwgnvsavdrergvfvikpsgvdysimtaddmrvsvsietgevegakkp  
ssdtpthrlllyqafpsiggiavhthsrhatiwaqagqsipatgtthaNyfygtipctrkmtdaeingeyewetg  
nvivetfekqgidaaqmpgvlvshhgpfawgknaedavhnaivleevaymgifcrqlapqlpdmqqtllnkhy  
lrkhgakayygq

>1I40\_A

sllnvpagkdlpediyvvieipanadpikyeidkesgalfvdrfmstamfypcnygyinhtlsldgDpvdvlv  
ptpyplqpgsvtrcrpvgvlkmtdeagedaklvavphsklskeydhikdvndlpellkaqiahffehykdek  
gkwvkvegwenaeaaakaeivasferaknk

>1I1E\_A

pvtinnfnynpidninniimmeppfargtgryyafkitdriwiiperytfgykpedfnkssgifnrdvceyy  
dpdylntndkkniflqtmiklfnrikskplgekllemiingipylgdrvpleeftniasvtvnklisnpge  
verkkgifanliifgpgpvlnenetidigiqnhfasregfggimqmfcpeyvsvfnnvqenkgasifnrrgy  
fsdpalilmhelihvlhglygikvddlpivpnekkffmqstdaiqaeElytfggqdpsiiptstdksiydkvl  
qnfrgivdrlnkvlvcisdpnininiyknkfkdkykfvedsegkysidvesfdklykslmfgftetniaenyk  
iktRasYfsdslppvkiknllrneiytieegfnisdkdmekeyrgqnkainkqayeeiskehlavykiqmcks  
vkapgicidvdnedlffiadknsfsddlsknerieyntqsnienfipinelildtdliskielpsentest  
dfnvdpvpyekqpaikkiftidentifyqlysqtfpldirdisltssfddallfsnkvyssfsmdyiktankvv  
eaglfagvkwqivndfvieanksntmdkiadislivpyiglalnvgnetakgnfenafeiagasillefipel  
lipvvgafllesyidnknkiiktidnaltkrnekwsdmyglivaqwlstvnqtqfytikeygmykalnyqaqale  
eiikyryniysekeksninidfndinsklneingaidninnfingcsvsylmkkmiplaveklldfdntllk  
nllnyidenklyligsaeyekskvnkylktimpfdlsiyntdtiliemfnkynseilnniilnrykdnllid  
lsgygakvevydgvelndknqfkltsanskirvtqnqniifnsvfldfsvsfwiripkykndgiqnyihney  
tiincmnknsngwkisirgnriiwtlidingktksvffeynirediseyinrwffvtitnnlnnakiyingkle  
sntdikdireviangeiifkldgdidrtqfiwmkyfsifntelsqsnieerykiqsyseylkdfwgnplmynk

eeymfnagnknsyiklkkdspvgeiltrskynqnskyinyrdlyigekfiirrksnsqsinddivrkedyiyl  
dffnlngewrvytykyfkkeeklflapisdsdefyntiqikeydeqptyscqllfkkdeestdeiglihihr  
fyesgivfeeekdyfciskwylkevkrkpynlklgcnwqfipkdegwte

>1KL7\_A

mpnasqvyrstrssspktisfeeaiiqglatdgglfipptipqvdqatlfnwsklsfqdlafaimrlyiaqe  
eipdadlkdlikrsystfrsdevtplvqnvtdgkenlhilelfhgptyafKdvalqfvgnlfeyflqrtnanl  
pegekkqitvvgatsgdtgsaaiyglrgkkdvsvfilyptgrispigeeqmttvpdenvtlsvtgtfdncqd  
ivkaifgdkefnskhvngavnsinwarilaqmtyyfysffqatngkdskkvkfvvpsgnfgdilagyfakkmg  
lpieklaiatnendildrflksglyersdkvaatlspamdilissnferllwylareylangddlkageivnn  
wfqelktngkfqvdksiiegaskdftservsneetsetikkiyessvnpkhyildphtavgvcaterliakdn  
dksiqyislstahpakfadavnnalsgfsnysfekdvlpeelkkllstlkkklkfieradvelvknaiieelak  
mkl

>1MDR\_A

msevlitglrtravnvplaypvhtavgtvgtaplvlidlatsagvvghsylvaytpvalkslkqllddmaami  
vneplapvsleamlakrfclagytglirmaaagidmaawdalgvkhetplvklnganarpvqaydshsldgk  
lateravtaaelgfravktKigypaldqdlavvrsirqavgdffgimvdyngsldvpaaikrsqalqqegvtw  
ieeptlqhdyeghqriqsklnvpvqmgengwlgpeemfkalsigacrlampDamkiggvtgwirasalaqqfgi  
pmssHlfqeisahllaatptahwlErldlagsvieptltfeggnavipdlpgvggiwrekeigkylv

>1LNH\_A

mlggllhrghkikgtvvlmrknvldvnsvtsvggiigqgldlvgstldtlttaflgrsvslqlisatkadangk  
gklgkatflegiitslptlgaggsafkinfewddgsgipgafyiknfmqtefflvsltledipnhgsihfvcn  
swiynaklfksdriffanqtylpsetpaplvkyreeelhnlgdgtgerkeweriydydvndlgdpdkgenh  
arpvlggndtfpyprgrtgrkptrkdpnsesrsndvylprdeafghlkssdflyglksvsqnvlp1llqsaf  
dlnftprefdsfdevhglysggiklptdiiskisplvlkeifrtdgeqalkfpppkviqvsksawmtdeefa  
remlagvnpnlirclkdffprskldsqvvgdhtsqitkehlepnllegltvdeaiqnkrlfllhdhdpimpylr  
rinatstkayatrttilflkndgtlrplaielslphpggdqsgafsqvflpadegvessiwillakayvvvndsc  
yhqlvshwlnthavvepfiiatnrhlsvvhpiyklhlhphyrtdmninglarlslvndggvieqtfwlgrysve  
msavvykdwvftdqalpadlikrgmaiedpscphgirlviedypytvdgleiwdaiktwvheyvflyyksddt  
lredpelqacwkelvevghgdcknepwvpkmqtrelveacaiiwtasalhaavNfgqypygglilnrptls  
rrfmpekgsaeyeelrknpqkaylktitpkfqtldlsvieilsrhasdevylgerdnpnwtsttraleafkr  
fgnklaqienklsernndeklrnrccgpvqmpytlllpsskegltfrgipnsisi

>1MUW\_A

syqptpedrftfglwtvgwggrdpfgdatrpaldpvetvqrlaelgahgvtfHddDlipfgssdtereshikr  
frqaldatgmtvpmattnlfthpvfkdggtfandrdrvrryalrktirnidlavelgaktvawgggregaesga  
akdvrrvaldrmkfaefdllegeyvtsggydirfaiEpKpneprgdillptvghalafierlerpelygvnpevgH  
eqmaglnfphgiaaqalwagklfhidlngqsgikyDqdlrfgagdlraafwlvdllesagyegprhfdfkpprt  
edidgvwasaagcmrnylilkeraaafraadpevqealrasrldelaqptaadgvqelladrtafedfdvdaaa  
argmaferldqlamdhlgar

>1JQN\_A

mneqysalrnsvsmkgvlgetikdalgehilervetirklskssragndanrqellttlqnlsndellpvar  
afsqflnlantaeyhsispkgeaasnpeviartlrklknqpelsedtikkaveslslelvtaHpteitrtrt  
lihkmevevnaclkqldnkdiadyehnlmrllrqliagswhtdeirklrpspvdeakwgfavvenslwqgvpn  
ylrelneqleenlgyklpvefvpvrftswmggdrdgnpnvtaditrhvlllsrwkatdlflkdiqulvselm  
veatpellalvgeegaaepyrylmknlrslmatqawlearlkeelpkpeglltqneelweplyacyqslqa  
cgmgiiangdlldtlrrvkcfgvplvridiRqestrhtealgeltrylgigdyeswseadkqaflirelnskr  
pllprnwqpsaetrevldtcqviaeapqgsiaayvismaktpsdvlavhlllkeagigfampvaplfetlddl  
nnandvmtqllnidwyrqliqgkqmvigysdsakdagvmaaswaqyqaqdaliktcekagieltlfhgRggs  
igrggapahaallsqppgslkgglrvteqgemirfkyglpeitvsslslytgaileanllpppepkesswrrim  
delsviscdvyrgyvrenkdfvpyfrsatpeqelgklplgsRpakrrptggveslRaipwifawtqnrlmlpa  
wlgagtalqkvvedgkqseleamcrdwpffstrlgmlemvfakadlwlaeyydqrlvdkalwplgkelrnlqe  
edikvvlaiandshlmadlpwiaesiqlrniytdplnlvqaelhrrsrqaekegqepdprveqalmvtiagia  
agmrntg

>1MKA\_A



vdkresyt kedllasgrgelfgakgpqlpapnmlmmdrvvkm tetgg nfdkgyveaeldinpd lwffgcHfig  
dpVmpGClglDamwqlvgfylgwlgggegkgralgvgv kftgqvlptakkvtyrihfkrivnr rlimgladg e  
vlvdgrliytasdlkvglfqdtsaf

>1NSJ\_A

mvrvkiCgitnledalfsvesgadavgvfvyfypkskryispedarrisvelppfvfrvgvfvneepekildvas  
yvqlnavqlhgeepielcrkiaerilvikavgvsnerdmeralnyrefpillDtktpeyggsgktfdwslilp  
yrdrfrylvlsgglnpenvr saidvvrpfavdvssgveafpgk kdhdsikmfiknakgl

>1B5D\_A

misdsm tveeirhlhlglalkekdfvvdktgvktieig asfvadepfifgalndeyiqrElewyksksl fvk d  
ipgetpkiwqqvasskgeinsnygwaiwsednyaqydmclaelggnpdsrrgimiytrpsmqfdynkdgmsdf  
mCtntvqylirdkkinavvnrmrsndv vfgfrnDyawqkyvldklvsdl nagdstrqykagsi iwnvgs l hvys  
rhfylvdhwwktgethiskkd yvgkya

>2R11\_C

elsdngiryyyqtyneslslwpvrcksfyistrfgqthviasgpedapplvllhgAlfsstwy pniadwsskyr  
tyavdiigdknksipenvsgtrtdyanwllldvfdnlgiekshiglSLgglhtnflrpervksaailsPaetf  
lpfhhd fykyalgtasngvetflnwndqnv lhpifvkqfkagvwqdg srnpnpnadgfp yvftdeelsarv  
pilllllgeHEviydp hsalhrassfvpdieaeviknagHvlseqptyvnervrffna

>3DAY\_A

lqwghqevpakfnfasdvldhwadmekagrppspalwvvn gkgkelmwnfrelsensqqaanvlsgacglqr  
gdrvavvlprvpewwlvilgciraglifmpgtiqmkstdilyrlqmskakaivagdeviqevdtvasecpslr  
ikllvsekscdgwnlfnfkkllneastthhcvetgsq easaiyftsgtsglpkmaehsysslg lkakmdagwtgl  
qasdimwtisdtgwilnilcslmepwalgactfvhllpkfdplvilk t lssypiksmmgapivyrml lqqdls  
sykfphlqncvtvgesllpetlenwraqtgldiresyggTetgltcmvsktmkikpgymgtaascydvqiidd  
kgvnlppgtegdigirvkpirp igifsgyvdpdktaanirgd fllgdrgikdedgyf qfmgraddiiNssg  
yRigpsevenalme hpavvetavisspdrgevvkafvvlasqflshdpeqltkelqqhvk svtapykyprkie  
fvlnlpktvtvgKiqraklrdkewk

>1EI5\_A

mskfdtsaleafvrhipqnykgpggvavvk dgevv lqhawgfadlrtrtpmtldtrmpicSvsKqftcavll  
davgepellddaleayldkfederpavrdlcnnqsglrdy walsvlgadpegvflpaqaqslrrlktthfe  
pgshysYcNgnfriladlieahtgrtlvdilserifapagmkraelisdtalfdectgyegdtvrgflpatnr  
iqwmgdagicaslndmia weqfidatrddesglyrrlsgpqt fkdgvaapygfglnlhetggkrltgHggalr  
gwrcqrwhcaderlstiamfnfeggasevafklmnialgvsssevsrveadsawfgswl ddetglvlsledag  
hgrmkarfgtspemmdvvsanearsavttirrdgetielvrasenlr lsmkrvkgeakhdiigryhsdeldad  
lllvseggaiygafegf l gksdmyplysvgsdvwllpvqrsmdapspgewklvfrddkgeitglsvgcwlar  
gveyrrvqp

>1QBA\_A

dqqlvdqlsqlkl nvkml dnr agenvdcaalgadwascnrvlftlsndggaidgkdwviyfh sprqtlrvdn  
dqfkiahltgdlykleptakfsgfpagkaveipvvaeywqlfrndflprwyatsgdakpkmlantdenldqf  
vapftgdqwkrtkddknilmtpasrfvsnadlqtlpagalrgkivptpmqvkvhaqdadlrkgvaldlstlvk  
paadvvsqr fallgvpvqtngypiktdi qpgkfkgamavsgayelkigkkea qvigfdqagvf yglqsilslv  
psdgsgkiatldasdaprfpyrgifldvarnfhk kdavlrll dqmaayklnkf hfhlsddegwrieipglpel  
tevggqrchdlsettcllpqygqgpdvyggffsrqdyidiikyaqarqievipeidmpaharaavvsmearyk  
klhaagkeqeanefrlvdptdtsnttsvqffnrqsylnpcldssqr fvdkvigeiaqmhkeagqpiktwhfgg  
DEaknirlgagytdkakpepgk giidqgnedkpwaksqvcqtmikegkvadmehlp syfggevs klvkahgid  
rmqawqdglkdaesskafatsrvgnfwdtlywggf ds vndwankgyevvvsnpdyvymdfpyevn pdergyy  
wgtrfsderkvfsfapdnmpqnaetsvdrdgnhfnaksdkpwpgayglsaqlwsetqrtdp qmeymifprals  
vaerswhragweqdyragreykggethf vdtqalekdwlrfanilgqrelakldkggvayrlpvpgarvaggk  
leanialpglgieystdg gkqwqrydakakpavsgeqvrsvspdgkrysraekv

>1BT1\_A

apiqapeiskcvvp padlppgavv dncppvasnivdyklpavttmkvrpaah tmdkdaiakfakavelmkal  
paddprnfyqqalvhcaycnggydqvnfpd qeiqvhnswlffpfhrwylyfyerilgkligdpsfglpfwnwd  
npggmvlpdf lndstsslydsnrnqshlppvvvdlgyngadt dvtddqqr itdnalmykqmvtnagtaelflg  
kayragdapspgagsiEtsphipihrwvgdprntn nedmgnfysagrdiafychhsnvdrmw tiwqq lagkpr  
krdytdsdwlnatflfydengqavkvrigdsldnqkmg ykyaktplpwldskp

>1PT0\_B  
mirtmlqgklhrvkvtadhlhyegsacaidqdfldaagileneaidiwnvtngkrfstYaiaaergsriisvn  
gaaahcasvgdiviiasfvtmpdeearwprnvayfegdnemk

>1XIK\_A  
ayttfsqtkndqlkepmffgqpvnvarydqkkydifeekliekqlsffwrpeevdvsrdridyqalpehekhif  
isnlkyqtlldsiqgrspnvallplisipeletwvetwafsetihsrSYthiirnivndpsvfvdddivtneqi  
qkraegissyydeliemtsywhllgegthtvngktvtvslrelkkklylclmsvnaleairfyvsfacsfafa  
erelmegnakiirliardealhltgtqhmlnllrsgaddpemaieaeckqecydlfvqaaqqekdwadylfr  
dgsmiglndilcgyveyitnirmqavglldlpfqtrsnpipwintwlvsdnvqvapqevvssylvggidsev  
dtddlsnfql

//Dtestset200//

>1K32\_D  
mpnlllnpdihgdriifvccddlwehdlksgstrkivsnlgvinnarffpdgrkiaairvmrgsslntadlyfy  
ngengeikrityfsgkstgrmftdvagfdpdgnliistdamqpfssmtclyrvendginfvplnlpathil  
fadgrrvigntfelphwkgyrggtrgkiwievnsagfkkivdmsthvsspivghriyfitdidgfgqiyst  
dldgkdlrkhtsftdyyprrhlntdgrilfskgsiyifnptekiekieigdlespedriisipskfaedfs  
pldgdliafvsrgqafiqdvsqtyvlkvpeplriryvrrggdtkvafihgtregdflgiydyrtgkaekfeen  
lgnvfamgvdrngkfavvandrfeimtvldetgkptviersreamitdftisdnsrfiaygfpkhgetdgyv  
mqaihvydmegrkifaattenshdyapafdadsknlyylsyrsldpspdrvvlnfsfevvskpfvipligsp  
nptklvprsmstseageydlndmykrsspinvdpdyrmiiplessiliysvpvhgefaayyqgapekgvllky  
dvktrkvtevknnltdlrsladrktvmvrkddgkiytfplekpedertvetdkrplvssiheeflqmydeawk  
lardnywneavakeiseriyekyrnlvplcktrydlsnvivemqgeyrtsHsyemggtftdkdpfrsgriacd  
fkldgdhyvvakayagdysnegekspifeygidptgyliedidgetvgagsniyrvlsekagtsarirlsgkg  
gdkrdlmidildddrfiryswveanrryvherstgityihpdmgmglnefyrlfinessyqglivdvrfr  
nggGfvsqliieklnmkriigydnprrgtllspyptnsvrgekiaaitneyagSDgdifsfssfkklglgkligtrt  
wggvvgitpkrrlidgtvltqpefafwfrdagfgvenygvdpdveieyaphdylsgkdpqidyaidalieelr  
n

>1A4L\_A  
tpafnkpkvelhvhldgaikpetilyfgkkgialpadtveelrniigmdkplslpgflakfdyymmpiagcr  
eaikriayefvemkakegvyvyevrysphllanskvdpmpwnqtegdvtpddvdlvnqglqegeqafgikvr  
silccmrhqpswslevlelckkynqktvvamdlagdetiegsslfpgheayegavkngihrtvhagEvgspe  
vvreavdiloktervgHgYhtiedealynrllkenmhfevcpwssyltgawdpktthavvrfrkndkanyslntD  
dpflikstltdtyqmtkkdmgfteeefkrlninaakssflpeeeekellerlyreyq

>2NLR\_A  
dticepfgtttiigryvvqnnrwgstapqcvtatdtgfrvtqadgsaptngapksyvspvfngchytncpsgt  
dlpvrldtvsaaapssisygfvdgavynasydiwldptartdgvnqtEimiwfnrvgpiqpigspvgtasvggr  
twevwsgngsndvlsfvapsaisgwsfdvmdfvratvarglaendwyltsvqagfepwqngaglavnsfsst  
vetgtpggtdpgdpg

>1INP\_A  
msdilqellrvsekaaniaracrqqetlflqllieekKegeknkkfavdfktladvllvqevikenmenkfpglg  
kkifgeesneltnldgekiimrlgpteeetvallskvlngnklasealakvvhqdvffsdpaldsveinipqd  
ilgiwvdpidTyqyikgsaditpnqgifpsglqcvtvligvydiqtgvplmgvinqpfvsgdlhtrrwkgqc  
ywglsylgtnihslppvstrsnseaqsqgtqnpsssegscrfsvvistseketikgalshvcgerifraagag  
ykslcvilgladiyifsedttfkwdscaaahailramgggmvdлкеclernpdtgldlpqlvyhvgnegaagvd  
qwankggliayrsekqletflsrllqlhapvatht

>1YID\_B  
arprvltgdrptgalhlghlagslqnrvrlqdeaelfvlladvqaltdhfdrepeqvrenvlavaldylaagld  
pqkttcvvqsavpelaeltvyflnlvtvshlrqnptvkaeiaqkygervpagffvypvsqaadiaafgatlv  
pvgddqlpmleqtrevrrfnalyapvlaepqaqlsrprlpglgdgaKmsKslgnaialgdsadevarkvmg  
mytdpghlrasdpgrevegnpvftfldafdpdarvqalkdqyraggldgvkvkklhidvlnvglapirtrrae  
yerdpdavlrfvttegtargrevaatlgqvrramrlfgh

>2C47\_C

frvgkkielrlgknlytneyvaiklepiksrapqlhleyrfykqlsategvpqvyfpgpgkynamvlellgps  
ledlfdldcrtftlktvlmiaiqlitrmeyvhtksliyrDvKpeNflvgrpgghaihiidfglakeyidpetk  
khipyrehksltgTarymsinthlgkeqsrrddlealghmfmyflrgslpwqglkadtlkeryqkigdtkrat  
pievlcenfpeematylyrvrrldffekpdydylrklftdlfdrsgfvfdyeydwagkplptp

>1J7G\_A

mialiqrsvsqakvdkgetigkigkglvlllgvekednrekadklaekvlnyrifsdendkmnlvqqaqgel  
livsQFTlaadtqkglrpsfskgaspalanelyeyfiqkcaeklpvstggfaadmqvsltnbgpvtfwlnv

>1SGR\_E

isggdaiysstgrcslgfnvrsgstyylftagHctdgattwwansarttvlgttsgssfpnnDygivrytntt  
ipkdgtvggqditsaanatvgmavtrrgsttgthsgsvtalnatvnygggdvvygmirtnvcaepGdSggply  
sgtraightSggsgncssggttffqpvtelavaygvsvy

>2DW7\_O

svrivdvreitkpisspirnayidftkmttslvavvtdvrvregkrvvgygfnsNgryggggglirerfasrile  
adpkllneagdnldpdkvwaamminekpgghgersvavgtidmavwdavakiagkplfrllaerhgvkanpr  
vfvyaaaggyypgkglsmllrgemrgyldrgynvvKmKiggapieedrmrieavleeigkdaqlavdangrfl  
etgiayakmlrldyplfwyeevgdpldyaalqaalaefypgpmatgenlfshqdarnllryggmrpdrdlqfDc  
alsyglceyqrtlevlkthgwspsrcipHgghqmslniaaglglggnEsypdlfqpyggfpdgvrvenghitm  
pdlpgigfegksdlykemkalae

>1DCI\_C

ayesiqvtsaqkhvlhvqlnrpekrnamnrafwrelvecfQkiskdsdcravvvsagakmftsgidlmdmasd  
ilqppgddvariawylrdlisryqktftviekcpkpviaaiahggcigGgvDlisacdiryctqdaffqvEvd  
vglaaDvgtlqlrlpkvignrslvneltftarkmmadealdsglvsrvfpdkdvmlnaafalaadisskspvav  
qgskinliysrdhsvdesldymatwnmsmlqtqdiiksvqaamekksksitfsl

>3O8O\_G

kkkiavmtsgGdspgmnaavravvrtgihfgcdvfavyegyegllrggkylkkmawedvrgwlseggtligta  
RSmefrkregrrrqaagnlisqgidalvvcggdgsltgadlfrhewpslvdelvaegrftkeevapyknlsivg  
lvGSiDndmsgtdstigaysalericemvdyidatakshsrafvvevmgRhcgwlalmagiatgadyifiper  
avphgkwqdelkevcqrhrskgrrnttiivaegalddqlnpvtandvkdalieglldtkvtilghvqrggtav  
ahdrwlatlqgvдавkavleftpetpspligilenkiirmpivesvkltksvataienkdfdkaislrdefti  
elyenflsttvkddgsellpvsdrlnigivhvapsaalnaatraatlyclshghkpyaimngfsgliqtgev  
kelswidvenwhnlggseigtNrsvasedlgtiayyfQknkldgliilggfegfrslkqlrdgrtqhpiFNip  
mclipatvsnnvpgteyslgvdtclnalvnytddikqsasatrrrvfvcvqggghsgyasftglitgavsvy  
tpekkidlasireditllkenfrhdkgenrngkllvrneqassvystqlladiiseaskgkfgvrtaipghvq  
qggvpsskdrvtasrfavkckiefieqwnkkneeddsaaavicvngshvsfKpianlwenetnvelrkqfevhwa  
eynkigdilsgrlklr

>1OTG\_A

PhfivecsdnireeadlpglfakvnptlaatgiFplagiRsrvhwvdtwqmadgqhdyafvhmtlkigagrsl  
esrqqagemlfelikthfaalmesrllalsfeieelhptlnfkqnnvhalfk

>3PRJ\_B

mfeikkicciagagyvvggptcsviahmcpairvtvvdvnesrinawnsptlpiyepglkevvescrgknlfst  
niddaieadlvfisvntptktygmkggraadlkyieacarriqvnsngykivteksTvpvraaesirrifda  
ntkpnlnlqvlslnpelflaEgtaikdlknprdrvliggdetpegqgravqalcavyehwvprekiltnttwssels  
KlaaNaflaqrissinsisalceatgadveevataigmDqrignkflkasvgfggsCfqkDvlnlvylcealn  
lpevarywqqvidmndyqrrrfasriidslfntvtdkkiaailgfafkkdtgdtresssiyiskylmdegahlh  
iydpkvpregivvdlsdqvsrlvtiskdpyeacdghavvictewdmfkeldyerihkkmkpafifdgrrvl  
dglhnelqtigtfqietigkkv

>1E2A\_A

mnreemtllgfeivayagdarsklllealkaaengdfakadslvveagsciaeahssqtgmlareasgeelpys  
vtmmHgQDHLmttillkdvihhlielykrgak

>1JS4\_B

epafnyaalqksmffyeaqrsgklpennrvswrgdsglndgadvgldltggwyDagDhvkfgfpmaftatml  
awgaiespegyirsgqmpylkdnlrwvndyifikahpspnvlyvqvvgdgdadhkwwgpaevmpmerpsfkvdps  
cpgsdvaaetaaamaassivfadddpayaatlqvhakqlytfadtyrgvysdcvpagafynswsgyqdelvwg  
aywlykatgddsylakaeyeydflsteqqtdlrsyrwtiawddksygytyvllaketgkqkyiddanrwldywt

vgvnggrvpyspggmavldtwgalryaantafvalvyakviddpvrkqryhdfavrqinyalgdnpnssyv  
gfgnpprnpnhrtahgswtdsiaspaenrhvlygalvggpgspndaytdrrqdyvanEvatdynagfssala  
mlveeyggtpladfppteepdgpeifveaqintpgttfteikamirngsgwparmldkgtfrywftldegvdp  
aditvssaynqcatpedvhvsgdlyyveidctgekipggqsehrrevqfriaagpgwdpsndwsfqqigne  
lapapyivlyddgvpvwtap

>2EBN\_A

avtgttkaniklfsftevndtnplnnlnftlknsgkplvdmvvlfsaninydaandkvfvsnnpnvqhltnr  
akylkplqdkgikvilsilgnhdrsgianlstarakafagelkntcdlynldgvffDdEysayqtpppsgfvt  
psnnaaarlayetkqampnklvtvyvysrtssftavdgvnagsyvdyaihdyggsydlatnypglaksgmvm  
ssqefnggryataqalrnivtkgygghmifamdnpnrsnftsgqlpalkliakelygdelvysntpyskdw

>2JJD\_E

kyfpipehleeirirckqfreefnslpsghiqgtfelankeenreknrypnilpndhsrvilsqgipcsd  
yinasidgykeknkfiaaaggpkqetvndfwrvmweqksativmltnlkerkeekchqywpdggcwtygnirv  
cvedcvlvdvtirkfcipkaprlvsqhlftswpDfgvpftpigmlkflkkvktlnpvhagpivvhCsagvg  
RTgtfividammammhaeqkvdfefvsrirnqrpqmvqtdmqytfiyqalleyylygdteldvssgleeefr  
kltnvrirkenmrtgnlpanmkkarvigiipydfnrvilsmtydyinasfidgyrqkdyfiatqgplahtved  
fwrmiwewshtivmltevvqEreqdkcyqywpptegsvthgeitieikndtlseaisirdflvtlngeqrvvr  
qfhfhgwpEigipaegkgmidliaavqkqqqqtgnhpitvHCsagagRTgtfialsnilervkaeglldvfqa  
vkslrlqrphmvqtleqyefcykvvdfid

>1LBU\_A

dgcytwsgtltsegssgeavrqlqirvagypgtgaqlaidgqfgpatkaavqrfqsayglaadgiagpatfnki  
yqlqdddctpvntyaelnrcnsdwsggkvsaaataranalvtmwklqamrhamgdkpitvnggfrsvtcnsnv  
ggasnsrhmgyhaadlgagsqgfcalaqaarnhgfteilgpgypgHndhthvaggdgrfwsapscgi

>3NNE\_G

mhidnienlsdrefdyivvggsagaavaarlstedpavssvalveagpddrgvpevlqldrwmellesgydwdy  
piepqengnsfmrharakvmggcsshnaiafwapredldeweakygatgwnaeaawplykrletnedagpda  
phhgdsgpvhlmnvpkdpdgtvalldaceqagiprakfntgttvvnganffqinrradgtrssssvsyihpiv  
eqenftlltglrarqlvfdadrrctgvddivdsafghthrltarnevlstgaidtpkllmlsgigpaahlaeh  
gievlvdspgvgehlqdhpegvvqfeakqpmvaestqwwiegiftptedglrdpdlmmhygsvpfdmntlrhg  
ypttengfsltpNvtharsrgtvrlrsrdfrdkpmvdptryftdpeghdmrvmvagirkareiaaqpamaewtg  
relspgveaqtdeelqdyirkthntvyHpvgtvrmgavedemspldpelrvkgvtglrvadasvmpehvtvNp  
nitvmmigercadlirsa

>1B66\_A

vglrrrarlsrlvsfsashrlhspslsaeenlkvfkgkCnnpnghghnykvvtihgeidpvtgmvmnltldke  
ymeeaimkplDhknldldvpyfadvvsttenvavyiwenlqrlpvgalykvkvyEtdnnivvykge

>1L1R\_A

mtmsvadahaliktifpftkgiafkdlstdilstpaaldavrkevtahykdvpitkvvgiesRgfilggivan  
slgvgfvalrkagklpgdvckctfdmEyqkgvtievqkrqlgphdvvllhddvlatgggtllaaielcetagvk  
peniyinvlyeiealkgrekvqkctrflsvirehhhhh

>1SLM\_A

ypldgaargedtsmnlvqkylenyydlkkdvkqfvrrkdsqpvvkkiremqqflglevtgkldsdtlevmrkp  
rcgvpdvghfrtftpgipkwrkthltyrivnytpdlpkdavdsavekalkvweevtpltfsrlyegeadimisf  
avrehgdfypfdgpgnvlahayapgggingdahfdddeqwtkdttgtnlflvaahEighslglfhsantealm  
yplyhsltdlfrfslsqdddingiqslygpppdspet

>1Q6X\_A

mpilekapqkmpvkassweeldlpklpvpplqqtlatylqcmqhlvpeeqrksqaivkrfgapggglgetlqe  
kllerqektanvwseywlndmYlnnrlalpvnsPavifarqhfdtndqlrfaaclisgvlsyktllldshsl  
ptdwakgqlsgqplcmkqyyrlfssyrlpghtqdtlvaqkssimpehevivaccnqffvldvvinfrlseg  
dlftqlrkivkmasnederlppiglltsdgrsewakartvllkdstnrdsldmierciclvcldgpgtgelsd  
thralqllhgggcslngranwydkslqfvvgrdgtcgvvceHspfdgivilvqctehlkhmmtsnnklvrads  
vselpaprrlrwkcpetqghlassaeklqrivknldfivykfdnygktfikkqkyspdgfiqvalqlayyrl  
yqrlvptyesasirrfqegrvdnirsatpealafvqamtdhkaampaseklqllqtamqaqteytmaitgma  
idnhllalrelardlckepemfmdetylmsnrflvstSqvpptmemfccygpvpvngygacynpqpaitfc  
issfhsketssvefaeavgaslvdmrdlcssrqpadskppapkekargptkpsnldssh

>1U8V\_C

mlmtaëqyieslrklntrvymfgekienwvdhpmirpsincvrmtyelagdpqyadlmttksnligktinrfa  
nlhqstddlrkkvkmqrllgqktascfgrcvgmadafnvfsttyeidqkygtnyhknfteylkyigendlivd  
gamtdpkgdrglapsaqkdpdlflrivekredgivvrgakahqtgsinshehiimptiamteadkdyavsfac  
psdadglfmiygrqscdtrkmeegadidlgkqfgggqealvvfdnvfipndriflcqeydfagmmverfagyH  
rqsyggckvgvgdvvigaaalaadyngaakashvkdkliemthlnetlyccgiacsaeegyptaagnyqidlll  
anvckqnitrfpveyivrlaediagglmvtmpseadfksetvvgrdgetigdfcnkffaaaptctteermrvlr  
fleniclgasavgyrtesmhgagspqaqrimiarqgninakkelakaiagik

>1EH6\_A

mdkdcëmkrttldsplgklelsgceggheikllgkgtasaadavevpapaavlggpeplmqctawlnayfhqp  
eaieefpvpalhphvfqqesftrqvlwkllkvvkfgevisyqqlaalagnpkaaravggamrgNpvpilipCH  
rvvcssgavgnysgglavkewllahEghrlgkpglggssglagawlkgagatsgspagrn

>1UOK\_A

mekqwkesvvyqiypsrfsmdsngdgigdlrgiiskldylkelgidviwlspvyespnndngydisdyckimn  
efgtmedwdellhemhernmklmmdlvnhtsdehnwfiesrkskdnkyrdyyiwrpgkegkepnnwgaafsg  
sawqydemtdeyylhlfskkqpdlnwdnekvrqdvymmkfwlekgidgfrmdvinfiskeeglptveteeg  
yvsgkhkhfmngpnihkylhemneevlshydimtvgEmpgvttteeaklytgeerkeqlmqvfqfehmdldsggg  
kwdvkpcsltlkenltkwqkalehtgwnslywnnhDqprvvsrfgndgmyriesakmlatvlhmmkgtpyiy  
qgeeigmtnvrfesideyrdietlnmykekvmmergediekvmqsiyikgrdnartpmqwdqnagfttgepw  
itvnpnykeinvkaiqnkdsifyyykklielrknneivvygsydlilennpsifayvrtygveklivianft  
aeecifelpedisysevellihnydvengpienitlrpyeamvfkkl

>1TRP\_A

acdytcgsncysssdvstaqaagyklhedgetvgssnsYpHkynnwegfdsvsspyyEypilssgdvysggsp  
gadRvvfnennqlagvitHtgasggnFvect

>1KEI\_A

itgtstvgvgrgvlgdqkninttystyyylqdntrngngiftydakyrttlpgslwadadnqffasydapavda  
hyagvtydyynvhnrlsydgnaairssvhysqgyannaafwnsgmqmvygdgdgqtfipltsggidvvahElth  
avtdytagliyyqnesgainaaisdifgtlvefyanknpdweigedytptpgisgdsrsmssdpakygdphysk  
rytgtqdnnggvHinsgiinkaaylisqggthygvsvvgigrdklgkifyraltqyltptsnfsqlraaavqsa  
tdlygstsqevasvkqafdavgvk

>1AKD\_A

ttetiqsnanlaplpphvpehlvfdfdmynpsnlsagvqeawavlqesnvpdlvwtrcnngghwiatrgqlire  
ayedyrhfssecpfipreageaydfiptsmdppeqrqfralanqvvgmpvvdklenriqelacslieslrpqg  
qcnftedyaeppirifmllaglpeediphlkyltdqmtrpdgsmtfaeakealydylipiieqrrqkpgtda  
isivangqvnrpitsdeakrmcglallvgglDTvnfnlsfsmeflakspehrqeliqrperipaaceellrrf  
slvadgriltsdyefhgvqlkkgdqillpqmlsglderrenacpmhvdfsrqkvshttfghgshlclgqhlarr  
eiivtlkewltripdfsiapgaqiqhksgivsgvqalplvwdpattkav

>1NU3\_A

maskieqprwaskdsaaagaastpdekivlefmdaltsndaaklieyfaedtmyqnmplppaygrdaveqtlag  
lftvmsidavetfhigssnglvteRvDvlralptgksynlsilgvfqltegitgwrDyfdlrefeeavdlp  
lrg

>1QPR\_C

glsdwēlaaaraaiargldedlrygpdvtlatvpasatttaslvtreagvvagldvalltlnevlgtngyrv  
ldrvedgarvppgealmtleaqtrglltaeRtmlnlvghlsgiatataawvdavrgtkakirdtrKtlpglra  
lqkyavrtgggvnhrllglgdaalikdnhvaaagsvvdalravrnaapdlpcevEvsleqldavlppekpelil  
lDnfavwqtqtavqrrdsraptvmlessggslsqtaatyaetgvdylavgalthsvrvldigldm

>1VZZ\_A

nlptaqevqglmarYielvdvgdieaivqmfaddatveDpfgqppihgreqiaafyrqglgkvracltgpvra  
shngcgampfrvemvpcaldvilvmrfdehgriqtmqaywsevnlsv

>1EXN\_B

skswgkfieeeeeamasrrnlmivdgtnlgfrfkhnnskpkfassyvstiqslaksysarttivlgdkgksvf  
rlehlpeyKgnrdekyaqrteeeekaldeqffeylkdaifelckttfptftirgveaddmaayivklighlydhv  
wlistdgdwdtlltdkvsrfsfttrreyhlrdmyehhnvddeveqfislkaimgdlgdniirgvegigakrgyni  
irefgnvldiidqlplpgkqkyiqnlaseellfrnlilvdlptycvdaiaavggdvldkftkdileiaeq

>1UAS\_A

fenglgrtpqmgwnswnhfycgineqiiretadalvntglaklgyqyvnickcwaeysrdsqgnfvpnrqtfp  
sgikaladyvhakglklgiysdagsqtcnkmppgsldheeqdvktfaswgvdylykDncndagrsvmerytrm  
snamktygkniffslcewgkenpatwagrmgnswrttgDiadnwgsmtsradendqwaayagpggwndpdmle  
vgnggmseaeyrshfsiwalakaplligcdvrsmssqqtknlsnseviavnqdsldgvqgkqvqsdnglevwag  
plsnnrkavvlwnrqsyqatitahwsniglagsvavtardlwahssfaaqqgisasvaphdckmyvltpn

>1JRP\_D

svgkplphdsarahvtgqarylddlpcpantlhlafglsteasaaaitgldlepvrspgviavftaadlphdn  
daspapspepvlatgevhfvvgqpiflvaatshraariaarkarityaprpailtldqalaadsrfeggpviwa  
rgdvetalagaahlaegcfeiggqehfylegqaalalpaeggvvihcsshqhpseiqhkvhahlglafhdvrve  
mrrmgggfggkesqgnhlaiacavaaratgrpckmrydrdddmvitgkrhdfriyrigadasgkllgadfvdh  
larcgwsadlslpvcDRamlhadgsyfvpalrieshrtrntqsnatfrgfggpggalgmeraiehlrgmgr  
dpaelralnfyppekktqtthyggevadcvlgelvtlrlqksanfttrraeiaawnstnrtlargialspvkf  
gisftlthlnqagalvqiyytdgsvlnhggtemggqlhakmvqvaaavlgidpvqvritatdtskvpntsata  
assgadmgmavkdacetrgrlagfvaaregcaardvifdagqvqasgkswrfaeivaaaymarislsatgf  
yatpklswdrllrgqgrpflyfaygaaitevidrltngenrilrtdilhdagaslnpaldigqiegayvqgagw  
ltteelvwdhcgrrlmthapstykipafsdprifnvalwdqpnrreetifrskavgEppfllgisafllahdac  
aacgphwpdlqapatpeavlaavrraegra

>1ECX\_A

mrvyfdnnattrvddrvleemivfyrekygnpnsahgmgieanlhmekarekvakvlvgvspseifftscates  
inwiltvaetfekrkrktiittpieHkavletmkylsmkgfkvyvpvdsrgvvkleeleklvdedtflvsim  
aannevgtiqpvedvtrivkkknketlvhvDavqtigkipfsleklevdyasfsahKfhgpgkgvgityirkgv  
pirplihgggqerglrsqtqnvpgivgaarameiaveelseaakhmeklrsklvsglmnlghiiitpleislp  
ntlsvsfpnirgstlqnllsgygiyvstssactsdkderlrhvladamgvdrriaaggairislckynteeevdyf  
lkkieeilsfldltgnnrr

>1HQC\_A

medlalrpktdleyigqerlkqklrvyleaakarkeplehlfffpgppglgkttlahviahelgvnlrvtsgpa  
iekpgdlaailansleegdifideihrlsrqaeehlypamedfvmdivigqgpaartirlelprftligatT  
rpglitapllsrfgivehleytpeelaqgvmdarllgvriteeaaaleigrsrsgtmRvakrlfrrrvrdfaq  
vageevitreralealaalglldelglekrdreilevlilrfgggpgvlatlatalasedpgtleevhepylirq  
gllkrtprgrvptelayrhlgypvpvgpllep

>2Q6N\_G

gklppgspplpvlgnllqmdrkglrrsflrlrekygdvftvylgsrpvvvlcgtdairealvdqaeafsgrgk  
iavvdpifqgygvifangerwralrrfslatmrdfgmgkrsveeriqeeearclveelrkskgalldntllfhs  
itsniicsivfgkrfdykdvpflrlldlffqsfsflissfssqvselfsgflkyfpgthrqiyrnlqeintfig  
qsvekhratldpsnprdfidvylrrmekdksdpssefhhqnlltvlslffagteTTsttlrygflmlkyph  
vtervqkeieqvigshrppalddrakmpytaviheiqrlgdlIpfgvphtvtkdtqfrgyvipkntevfpvl  
ssalhdpryfetpntfnpghfldangalkrnegfmpFslgkriClgegiartElflffttlqnfsiaspvpp  
edidltprEsgvgnvppsyrqirflarh

>1X7D\_A

mtymfidvptmsdlvhdigvapfigelaaaalrddfkrrwqafdkсарvashsevgviElmpvadksryafkyvng  
hpantarnlhtvmafvgvladvsgypvllseltiatalrtaatslmaaqaalarpnarkmaligngaqsefqal  
afhkhlgieeivaydtdplataklianlkeysgltirrassvaeavkgvdiittvtadkayatiitpdmlepg  
mhlnavggDcpgkkelhadvlrnavrfveyepqtriegeiqqlpadfpvvdllrvlrvlgetegrqsdsqvtvfd  
svgfaledyvtlrvylqqaekrgmgtkidlvpwveddpkdlfshtgragkrirrrva

>1TKK\_A

mkiirietsriavpltkpfktalrtvytaesvivvitydsgavwggeapptlvitgdsmdsiesaihhlkpa  
llgkslagyeailhdiqhlltgnmsakaavemalydgwaqmcglplyqmlggyrdtletdytvsvnspemaa  
daenylkqgfqtlKiKvgkddiatdiariqeirkrvgsavklrldanqgwrpkeavtairkmedaglgieive  
qpvhkddlaglkkvtdatdtpimadesvftprqafevlqtrsadliniKlmgaggisgaekinamaeacgvec  
mvGsmietklgitaaahfaaskrnITrfdDfdaplmlktdvfnnggitysgstismpgkpglgiigaal

>1FA0\_A

mssqkvfgitgvpstvgataaenklnsligekkegsfetegetanrvqvlkilqelaqrffyevskkknms  
dgmardaggkiftygsyrlgvhggpsdidtlvvvpkhvtrredfftvfdsllrerkeldeiavvpdafvpiiki

kfsgisidlicarldqppvplsltlsdknllrnldekdlralngtrvtdeilelvpkpvnfrialraiKlwaq  
rravyanifgfpqgvawamlvaricqlypnacsavilnrfffiilsewnwpqpvilkpiedgplqvrwnpkiy  
aqdrshrmptvitpaypsmcathnitestkkvilqefvrgvqitndifsnkkswanlfekndfffrfkfyleit  
aytrgsdeqhlkwsglveskvrlvmklevlagikiahpftkpfessyccpteddyemiqdkgysghktetaln  
alklvtndenkeesikdapkaylstmyigldfnienkkekvdihipctefvnlcrsfnedygdhkvfnlalf  
vkgydlpdevfdenekrpskkskrkn

>1D8H\_A

hmyrnvpiwaqkwkptikalqsinvkdlkidpsflniipdddltskvqdwvyatiysiapelrsfielcmkfg  
viidakgpdrvnppvssqcvfteldahltpnidaslfkelskyirgisevtentgkfsiiesqtrdsyrvrgl  
stqrprflRmstdiktgrvggfiekrhvaqllyspkdsydvkislnlElpvdpndppekyksqspisertKd  
Rvsyihndsctriditkvenhnqnsksrqsettheveleintpallnafdnitndskeyaslirtflnngtii  
rrklsslsyeifegskkvm

>1D4C\_A

aaepvladfhgemggcdschvsdkggvtndnlthengqcvschgdlkelaaaapkdkvsphkshligeiacts  
chkgheksvaycdachsfgfdmpfggkwerkfvvpdadkaaqaagvkettadvviigsggaglaaavsar  
dagakvillekepipggntklaaggmnaaetkppaklgiedkkqimiddtmkggrnindpelvklannssds  
idwltsmgadmtdvgrmggasvnrshrptggagvgahvaqvlwnavkrgtdirlnsrvvriedasgkvtgv  
lvkgeytgyyvikadavviaaggfaknnervskydpklkgfkatnhpgatgdgldvalqagaatrldleyiqah  
ptyspaggvmiteavrgngaivnregnrfrmneittRdkasaailqqkgesaylvfddsirkslkaiegyvhl  
nivkegtieelakqidvpaaelaktvtayngfvksгдаqferpdlprelvvapfyaleiapavHhtmglv  
idtkaevksektgkpitglyaagevtggvhganRlgnaisdivtygriagasaakfakdn

>1KCZ\_A

mkivdvlctpgltgfyfddqraikkagahdgftytgstvtteftqvrqkgesisvllvledgqvahgdcaavq  
ysgaggrdplflakdfipviekeiapkligreitnfkpmaeefdkmtvngnrlhtairygitqaildavaktr  
kvtmaevirdeynpgaeinavpvfaqsgddrydnvdkmiikeadvlpHalinnveeklgkgeklleyvkwlr  
driiklrvredyapifhidvygtigaafdvdkamadyyiqtlaeaakpfhlriegpmdvedrqkqmeamrdlr  
aeldgrgvdaelvadewcntvedvkfftdnkaghmvgiKtpdlggvnniadaimychangmgaycggtcnetn  
rsaevttnigmacgarqvlakpgmgvdegmmivknemnrvalvgrrk

>3S4J\_A

dvyaqekqdfvqhfsqivrvtedehpeigdaiarlkevleynaiggkynrgltvvvafrelveprkqdads1  
qrawtvgwcvellqafflvaddimdssltRrgqicwyqkpgvgldaindanlleacyrllklycreqpyyln  
lielflqssyqteigqtdlltapqgnvdlvrftekryksivkyktafysfylvpaaaamymagidgekehana  
kkillemgefFqiqqddyldlfgdpsvtgkigtidqdnkcswlvvqclqratpeyyqilkenyggqkaekvarv  
kalyeeldlpavflqyeedsyshimalieqyaaplppavflglarkiy

>1BJP\_A

PiaqihilegrsdeqketlirevseaisrslapltsvRviitemakghFgiggelaskvrr

>1YFY\_B

rtiaalethdvrfptsreldgsdanpdpdysaayvvlrtdgaedlagyglvftigrndvqtaavaalaehvv  
glsvdkviadlgafarrltnsdlrlwlgpekqvhaigavinaawdlaaraankplwrfiaeltpeqlvdtidf  
rylsdaltrdeailrdaqppraartatlieggypayttspgwlgydeklvrlakeavadgfrtiKlKvga  
nvqddirrcrlaraaigpdiaavdanqrwdvgpaidwrqlaefdiawieeptspddvlghaaairqgitpvps  
tgehtqnrsvfkqllqagavdliqiDaarvggvnenlailllaakfgvrvfphaggvgglcelvqhlaadfvai  
tgkedRaiEfvdhlhghfldpvriqhgrylapevpqfsaehpasiaefsydpdgrfwve

>2GLX\_D

nrwgligastiarewvigairatggevvsmmstsaergaayatengigksvtsveelvgdpdvdaavyvsttne  
lhreqlaairagkhvlceKplamtledaremvaareagvvlgtnhhlrnaaahramrdaiaegrigrpiaa  
rvfhavylpphlqgwrlrpeagggvilditvHdadtlrfvlnddpaeavaishsagmgkegvedgvmgvlf  
qsgviaqfhdafttkfaetgfevhgtegsligrnvm tqkpvgtvtrnaegesqlpldpanlyetalaafhsa  
ieghgqpsatgedgvwslatglavvkaaatqgaaietgl

>1ECM\_A

mtsenpllalRekisaldekllallaeRrelavevgkakllshrpvrdirerdllderlitlgkahhldahyi  
trlfqliiedsvltqqallqqhlnkinphsariafl

>1QV0\_A

msskyavklktdfdnprwikrHkhmfdfldingngkitldeivskasddicakleatpeqtkrhqvcveaffr  
gcmeygkeiafpqfldgWkqlatselkkwarneptlirewgdavfdifdkdgsqgtitldewkaYgkisgisp  
sqedceatfrhcdldnagdldvdemtrqHlgfwytldeadgLYgngvp

>1JM6\_B

mrwfrallknaslagapkyiehfskfspslsmkqfldfgssnacektsftflrqelpvrlanimkeinllpd  
rvlstpsvqlvqswyvqslldimefldkdpedhrtlsqftdalvtirnhrndvvptmaqqvleykdygddpv  
snqniqyfldrfylsrirsirmliqhrtlifdgstnpahpkhigsidpncsvsdvkvdaydmakllcdkyyas  
pdleiqevnatnatqpihmvyvpshlyHmlfElfknamratveshessltlppikimvalgeedlsikmsdrq  
ggvplrkierlfsymystaptppqgtgggtplagfgyglpisrlyakyfqgdlqlfsmegfgtdaviylkalst  
dsverlpvynksawrhyyqtiqueagdwcvpstepkntstyrvs

>1A16\_A

seisrqefqrrrqalveqmqpgsaalifaapevtrsadseypyrqnsdfwyftgfnepeavlvlikssddthnh  
svlfnrvrdltaeiwwfgrrlgqdaapeklgvdralafseinqlyqllngldvvyhaqqeyayadvivnsale  
klrkgsrqnltpatmidwrpvvhemrlfkspeeiavlrageitamahtramekcrpgmfeyhlegeihhef  
nrhgarypsytivgsgengcilhytenecemrdgdlvlidagceykyagditrtfpvngkftqaqreiydi  
vlesletslrlrpgtsilevtgevvrimgvsglvklgilkgdvdeliagnahrpffmhglshwlgldvHdvvgv  
ygqdrsrilepgmvlvEpglyiapdaevpeqyrgigirieddivitetgnenltasvvkkpeeiealmvaar  
kq

>2ENG\_A

adgrstrywDcckpscgwakkapvnqpvfscnanfgritdfdaksgcepggvayscadqtpwavnddfalgfa  
atsiagsneagwccacyeltftsgpvagkkmvqststggdlgsnhfDlnipggvgifdgctpqfgglpgqr  
yggissrnedrfdpalkpgcywrfdwfkdnadnpsfsfrqvqcpaelvartgcrnrddgnfpav

>1TI6\_A

mgevrvltnsstggpvfvyvkdgkiirmtpmddavdapswkieargktftpprktsiapytagfksmiysd  
lripypmkrksfdpngernpqlrgaglskqdpwsdyeriswdeatdivvaeinrikhaygpsailstpsHhm  
wgnvgyrhstyfrfmnmngftyadhnDswegwhwgmmhmgfswrlgnpeqydlledglkhaemivfwssdp  
etnsgiyagfesnirrqwlkdldgvdvfidphmhtarl vadkwfspkigt dhalsfaiaytwlkedsydkey  
vaanahgfeewadyvlgkt dgtpktcewaeesgvpaceiralarqwakkntylaagglggwggacrashgie  
wargmialatmqgmkgpgsnmwsttqgvpldyefyfpGyaeggisgdcensaagfkfawrmfdgkttfpspsn  
lntsagqhiprlkipecimggkfqwsqgkfaggdishqlhqeypagyskikmfwkyygphlgtmtatnrya  
kmythdslefvsqsiwfegevpfadiilpactnferwdisefancsgyipdnyqlcnhrvislqakciepv  
esmsdyeiyrflfakkl nieemfsegkdelawceqyfnatdmpkymtwdeffkkyfvvpdpnprkktvalrwf  
aegrektdpdwgprrlnnqvcrkglqtttgkvefiatslknfeeeggyidehrpsmhtyvpawesqkhsplavky  
plgm lsphprfsmhtmgdgknsymnyikdhrvevdgykywimrvnsidaeargikngdlirayndrgsvilaa  
qvteclqpgtvhsyescavydplgtagsadrggciniltpdryiskyacgmanntalveiekwdgdkyeiy

>1IDJ\_A

vgvsgsaegfaegvtgggdatpvypdtidelvsylgddearvivltktfdftdsegtttgtgcapwgtasacq  
vaidqddwceyepdapsvsveyynagvlgitvtsnksligegssgaikgkglrivsgaeniiiqniavtdin  
pkyvwggdaitlddcdlvwidhvttarigRqhyvlgtsadnrsltnnyidgvsdysatcdgyhywgiylgdg  
adlvtmkgnyiyhtsgRspkvqdnllhcvnnyfydisghafeigeggyvlaegnvmfqnvdvletyegaft  
vpsttagevcstylgrdcvingfgcsqgtsfedsfslsdfegkniasasaytsvasrvvanagqgnl

>2AG0\_A

mamitggelvvrtlikagvehlfglhgaHidtifgacldhdvpiidtrhEaaaghaaegy aragaklgvalvt  
agggftnavtpianawldrtpvflftgsgalrddetntlQagidqvamaapitkwahrvmatehiprlvmqai  
raalsaprgpvllldlpwdilmnqidedsvipdlvlsahgarpdpadldqalallrkaerpvivlgseasrta  
rktalsafvaatgvpvfadyeglsmlsglpdamrgglvqnllysfakadaapdlvmlgarfglntghgsgqli  
phsaqviqvdpdancelgrlqgialgivadvggtiealaaqataqdaawpdrgdwcakvtdlaqeryasiaakss  
sehalhpfhasqviakhvdagvtvvadgaltylwlsevmsrvkpggflchgylGsmgvvgfgtalgaqvadlea  
grrtilvtgdgsvgyisgefdtlvrkqlpliviimnnqswgatlhfqqlavgpnrvtgtrlengsyhgvaaf  
gadgyhvdsvsfsaalaqalahnrpacinvaldippeeliligmdpfa

>1E1A\_A

meipvieplftkvtedipgaegpvfdkngdfyivapEvevngkpageilridlktgkktvickpevngyggip  
agcqcdrdanqlfvadmrlgllvvqtdgtfeeiakkdsegrrmqgcndcafdyegnlwitapagevapadytr  
smqekfgsiycfttdgqmiqvdtafqfpngiavrhmndgrpyqlivaetptkklwsyidikgpakienkkvwgh



ipgtheeggadgmddednnllvanwgssshievfgpdgggpkmrircpfekpsnlhfkpqtktifvteHennav  
wkfewqrngkkqycetlkfgif

>2ACE\_A

ddhsellvntksqkvmgtrvpvlsshisaflgipfaeppvgnmrfrppepkpwsqgvwnastypnncqqyvde  
qfpgfsgsemwnpnremsedclylniwpvsprpksttvmvwiyggyfsgsstldvyngkylayteevvlvsl  
syrvga fgflalhgsqeapgnvglldqrmalqvwvhdniqffggdpktvtifgeSaggasvgmhilspgsrdlf  
rrailqsgspncpwasvsvaegrrravelgrnlncnlnsdeelihclrekkpqelidvewnlvpfdsifrfsf  
vpvidgeffptslesmlnsgnfkktqillgvnkdEgsffllygapgfskdseskisredfmsgvklsvphand  
lgldavtlqytdwmdnngiknrdglddivgdhnicplmhfvnkytkfgngtylyffnhrasnlvwpewmgv  
iHgyeiefvfglplvkelnytaeeelsrrimhywatfaktgnpnephsgeskwplfttkeqkfidlntepmk  
vhqrlrvqmcvfwngqlpkllnatac

>1B57\_A

skifdfvkpgvitgddvqkvfvakennfalpavncvgtdsinavletaakvkapvivqfsnggasfiagkgv  
ksdvpqgaailgaishahvhqmaehygvvilhtDhcakklpwidgldagekhfaatgkplfsshmidls  
eeslgenieicskylerskigmtleielgctggeEdgvdnshmdasalytqpedvdyaytelskisprftia  
asfgnvghvykpgnvvltptilrdsqeyvskkhnlpnslnfvfhgsgstaeikdsvsygvvkmNidtdtq  
watwegvlnyykaneaylqqqlgnpkgedqpnkkydprvwlragqtsmiarlekafqelnaidvl

>3DDB\_A

mpfvnkqfnykdpvngvdiayikipnagmqpvkafkihnkiwviperdtftnpeegdlnppeakqvpvsyy  
dstylstdnekdnylkgvtklferiystdlgrmltsivrgipfwggstidtelkvidtncinviqpdgsyrs  
eelnlviigpsadiiqfecksfghevlnltrngygstqyirfspdftfgfeeslevdtnpllgagkfadpav  
tlahelihaghrlygiaainpnrvfkvntnayyemsglevsfeElrtfgghdakfidslqenefrlyyyknfk  
iastlnkaksivgttaslqymknvfkeyllsedtsqkfsvdklkfdklykmlteiytednfvkkfvlnRkt  
Ylnfdkavfkinivpkvnytiydgfnlrntlaanfngqnteinnmnftklknftglf

>1QHG\_A

mnflseqllahlneqqeavrttegpplimagagsgKtrvlthriaylmaekhvapwnilaitftnkaaremr  
ervqslggaaedvwistfhsmcvrilrrdidriginrnsildptdqlsvmktikeknidpkkfepartilg  
tisaaknellppeqfakrastyyekvsvdvyqeyqqrllrnhsldfddlimttiqlfdrvpdvlhyyqykfy  
ihidEyqdttnraqytlvkklaerfqnicavgdadqsiyrwrgadiqnlsferdypnakvilleqnyrstkri  
lqaaneviehnvrnkprikriwtenpegkpilyyeameadeaqfvagrireavergererryrdfavlyrnaqsr  
vmeemllkanipyqivggkfydrkeikdilaylrlianpdddlslriinvpkrigigastidklvryaadhe  
lsfmealgelemiglgakaagalaafsrqleqwtqlqeyvsvtelveevldksgyremkaertieaqsrlen  
ldeflsvtkhfenvsddksliafltdlalisldldelgtgeaaegdavlmtlhaakglefpvvfligmeegi  
fphnrsledddemeeerrlayvgitRaeelvltsaqmrtlfgniqmdppsrfneipahlletasrrqagas  
rpavsrpqasgavgswwkvgdranhkrwgigtvsvrgggddqeldiafpfpigikrllakfapiekv

>1MHL\_A

vtcpeqdkyrtitgmcnrrsptlgasnrafvrwlpaeayedgfsipygwtpgvkrngfpvalaravsneivrf  
ptdqltpdqerslmfmqwgQlldHdldftpepaar

>104S\_A

vsrriseipisktmeldakakalikkgedvinltagepdfptpepvveeavrflqkgevkytdprgiyelreg  
iakrigerykkdispdqvvtngakqalfnafmalldpqdevivfsvvwvsyipqiilaggtvnvvetfmskn  
fqpsleevegllvgtkkavlinspnptgvvyrrfleglvrlakkrnfyiisDevydslytdeftsildvs  
egfdriyingfsKshsmtgwrvgylissekvatavskiqshttsintvaqyaalkalevdnsymvqtfer  
knfvverlkkmgvkfvepegafylffkvrgddvkfcerlleekvalvpgsaflkpgfvrlsfatsierltea  
ldriedflns

>1KYW\_A

mgstgetqitpthisdeeanlfamqlasasvlpmilksaleldlleiiakagpgaquispieiasqlpttnpda  
pvmldrmlrllacyiiltcsvrtqqdgkvqrlyglatvakylvknedgvsisalnlnmqdkvlmeswyhlkda  
vldggipfnkaygmtafeyhgtprfnkvfnkgmsdhstitmkkiletytgfeqlkslvdvvggtgavintiv  
skyptikginfdlphviedapsypgvehvggdmfvsipkadavfmkwicHdwsdehclklkncyealpdngk  
vivaecilpvapdsslatkgvvhidvimlahnpggkertqkefedlakgagfggfkvhcnafntyimeflkkv

>2X7J\_A

tvnpithyigsfidefalsgitdavvcpgSrStplavlcaahpdisvhvqidErsagffalglakakqrpvll  
icTsgtaaanfypavveahysrvpiivltadrphelrevgapqainqhflfgnfvkfft dsalpeesqmlry

irtlasraageaqkrpmgpvhvnpvpreplmpdlsdepfgrmrtgrhvsvktgtqsvdreslsdvaemlaeae  
kgmivcgelhsdadkeniialskalqypiladplsnlrngvhdkstvidaydsflkddelkrklrpdvvirfg  
pmpvskpvflwlkddptiqqividedggwrdptqasahmihcnasvfaeeimagltaatrssewlekwqfvng  
rfrehlqtissedvsfegnlyrilqhlvpensslfvgnsmipirdvdtffekqdrpfriysnrGaNgidgvvss  
amgvcegtkapvtlvigdlsfyhdlngllaakklgipltvilvnndgggifsflpqasekthfedlfgtptgl  
dfkhaaalyggtyscpaswdefktayapqadkpglhlieiktqrsvqlhrdmlneavrevkkqwel

>1MPX\_A

tsptpditgkpfvaadasndyikreviprdgvlhtvivlvpkgaknapivltrtpYdasgrterlasphkdll  
sagddvfveggvirvfdvrgkygsegdyvtrplrgplnpsevdhatdawdtidwlvknvsesngkvgigsSY  
egftvvaltnphpalkvavpespidgwgddwfnnyafrqvnfdyftgqlskrgkgagiargqhddysnflqag  
sagdfakaagleqlpwwhkltehaaydafwqeqaldkvartplkvptwlgglwDqedwgaihsyaaepdrkrn  
tlnylvgpwrHsqvnydgsalgalnfegdtarqfrhdvlpfddqylvdgapkadtpvfviyntgenhwdrlk  
awprscdkgcaatskplylqaggklsfqpvpaggagfeeyvsdpakpvpfvprpvdadrawttwlvhdqrfv  
dgrpdvltfvtelptelplqiagapdvhlqastsgdsdswvklidvypeeasnpkggyelpvsiaifrgryre  
sfstpkpltsnqplafqfglptanhtfqpghrvvqvqsslfplydrnpqtyvpniffakpgdyqkatqrvyvs  
peqpsyislpvr

>1NWS\_D

yklvcyytswsqyregdgscfpdaldrflcthiisfanisndhidtwewndvtlygmIntlknrnpnlktll  
svggwnfgsqrfskiasntqsrftfiksivppflrthgfdglDlawLypgrrdkqhfttlikemkaefikeaqp  
gkkqlllsaalsagkvtidssydiakisqhlfdsisimtydfhgawrgttghhsplfrgqedasprfsntdya  
vgymrlrlgapasklvmgipdfgrsftlassetgvgapisgpgipgrftkeagtlayyeicdflrgatvhrilg  
qqvpyatkgnqvwgyddqesvkskvqylkdrqlagamvwaldlddfqgsfcgqdlrfpltnaikdalaat

>1LBA\_A

akqrestdaifvhcsatkpsqnvvgvreibrqwhkeggwldvgYhfiikrdgtveagrдемavgshakgynhnsi  
gvclvggiddkgkfdanftpaqmqlsrllvtllakyegavlrarhevapKacpsfdlkrwweknelvtsdrg

>1KYQ\_A

mvkslqlahqlkdkrilligggevgltrlyklmptgckltlvspdlhksiipkfgkfiqnkdqpyredakrf  
inpnwdptkneiyeyirsdldkdeyldlenendawyiimtcipdhpesariyhlckerfgkqqlvnvaDkpdlc  
dfyfganleigdrllqilistnglsprfgalvrdeirnlftqmgdlaledavvklgelrrgirllapddkdvky  
rmdwarrctdlfgiqhchnidvkrllldlfkvmfgeqncslqfpprerllseycss

>1MYR\_A

deeitcqennpftcgntdglNSSSfeadfifgvassayqiegtigrglniwdgftthrypdksppdhngndttc  
dsfsywqkdidvldelnatgyRfsiawsriiprgkrsgvngkgidyyhglidglikkgitpfvtlfhwldlpq  
tlqdeyegfldpqiiddfdkyadlcfeefgdsvkywltinQlySvptrgygsaldapgrcsptvdpscopyns  
stepyivahhqlalahakvvdlyrknythqggkigptmitrwlpyndtdrhsiaatermkqfflgwfmglptn  
gtypqimidtvgarlptfspeetnlvkgsydfglNyYftqyaqpspnvpnatnhtammdagakltyinasgh  
yigplfesdggdgssniyyypkgiysvmdyfknyynpliyyvtEngistpgsenrkesmldytridylcshlc  
flnkvikekdvnvkgylawalgdnyefnngftvrfglssyinwnnvtdrdlkksgqwyqkfisp

>1B85\_A

iekratcsngktvgdasccawfdvlddiqqnlfhggqcgaeahesiRlvfHdsiaispameaaggkfggggadg  
simifddietafhpnigldelivklqkpfvqkhgvtpgdfiafagavalsncpgapqmfftgrapatqpapdg  
lvpepfhtvdqiinrvndagefdelelvfmlsahsvaavndvdptvqglpFdstpgifdsqffvetqlrgtaf  
pgsggnqgevesplpgeiriqsdhtiardsrtacewqsfvnnqsklvddfqfiflaltqlgqdpnamtdcsdv  
ipqskpipgnlpfsffpagktikdveqacaetpftlttlpgpetsvqrippppga

>9ICY\_A

etlnggitdmltelanfeknvsqaihkyayrkaasviakyphkiksgaeakklpgvgtkiaekideflatgk  
lrklekirqddtsssinfltrvsgigpsaarkfvdegiktledlrknedklnhhgriglkyfgdfekripree  
mlqmmdivlnevkkvdseyiatvcgsfrrgaessgmdvllthpsftsestkgpkllhqvveqlqkvhfitdt  
lskgetkfmgvclpskndekeyphrriDirlipkdqyygcgvlyftgsdifnknmrahalekgftineytirp  
lgvtgvageplpvdsdkdifdyiqwkyrepkdrse

>2ABK\_A

mnaakrleiltrlrennphttelnfsspfelliavllsaqatdvsvnkataklypvantpaamlelgvegk  
tyiktiglynskaeniiktcrilleqhngevpedraalealpgvgvrKtanvvlntafgwptiavDthifrcn  
rtqfapgknveqveeklkvvpaefkvdchhwllhgrytciarkprcgsciiedlceykekvdi

>1WGI\_A

tyttrqigakntleykvyiekdgkpvsafhdipliyadkennifnmvveiprwnakleitkeetlnpiiqdtk  
kgklrfvrncfphhgyihnygafpqtwedpnvshpetkavgdnDpidvleigetiaytgqvkgvkalgimall  
degetdskviaidindplapklnidiedvekyfpgllratnewfrykipdgkpenqfafsgeaknkkyaldii  
kethdswkqliagkssdskgidltnvtltpdtptyskaasdaippaslkadapidksidkwffisgsv

>2X0B\_A

ssviltnymdtqyygeigigtppqtfkvvfDTgSsnvwpssksrlytacvyhklfdasdsssykhngtelt  
lrystgtvsgflsqdiitvggitvtqmfgvtempalpmlaefdgvgmgfieqaigrvtpifdniisqgv  
kedvfsfyynrdselggqivlggsdpqhyegnfhynliktgvwqigmkgvsvgsstllcedgclalvDtGAs  
yisgstssieklmealgakkrlfdyvvcnegptlpdisfhlggkeytltsadyvfqesysskklctlaiham  
dippptgptwalgatfirkfytefdrnnrigfalar

>5FIT\_A

msfrfgqhlikpsvvflktelsfalvnrkpvvpghvlvcplrpverfhdlrpdevadlfqttqrvgtvvekhf  
hgtsltfsmQdgpeagqtvkHvHvhvlprkagdfhrndsiyeelqkhdkedfpaswrseeemaaeaaalrvyf  
q

>1BH2\_A

revkl1lllgagEsgkstivkqmkiieagyyseeckqykavvysntiqsiiaiiiramgrlkidfgdaaradda  
rqlfvlagaeeegfmaelagvikrlwkdsqvcacfnrsreyqlndsaayylndldriaqpnypptqddvlt  
RvkTtgivethftfkdlhfkmdvggQrserkkwihcfegvtaiifcvalsdylvlaedeemnrhmhesmklf  
dsicnnkwftdtsiilflnkddlfeekikksplticypeyagsntyeeaaayiqcqfedlnkrkdtkeiythf  
tcstdtknvqfvfdavtdviikn

>1XRH\_D

sskisretlhqlienklcqaglkrehaatvaevlvvadargihsHgavrveyyaeriskggtrepefrleet  
gpsailhadnaagqvaakgehaiktaqqngvavvgisrghsgaisyfvqqaaragfigiscqsdvpvpfgga  
eiyygtnplafaapgegdeiltfdattvqawgkvldarsnsipdtwavdkngvpttdpfavhallpaagpkg  
yglidvlsqgllglpfrqrvssyddlhagrnlgqlhivinpnffssselfrqhlsqtrelnaitpapgfnqvy  
ypgqddikqrkaavegieivddiyqylisdalyntsy

>3BG9\_D

qnraqkllhylvghvmvngpttpipvkaspstpdvpvpavpiggppagfrdillregpegfaravrnhpqlllm  
dttfrDahqsllatrvtthdlkkiapyvahnfsklfsmenwggatfdvamrflyecpwrllqelrelipnif  
qmllrganavgytnypdnvvfkfcevakegmdvfrvfDslnylpnmlgmeaagsaggvveaaaisytgdvad  
psrtkyslqyymglaeelvragehilciKdmagllkptactmlvsslrdrfpdlplhihthdtsagavaamla  
caqagadvvdvaadsmgsmgtsqpsmgalvactrgtpldtevpmerfvdyseywegarglyaaafdctatmksgn  
sdvyeneipggqytnlhqahsmglgskfkevkkayveanqmlgdlikvtpsskiavgdlaqfmvqnglsraea  
eaqaeelsfprsvveflqgyigvphggfpepfprskvklprvegrpgaslppldlqalekelvdrhgeevtp  
edvlsaamypdvfahfkdfatfpgpldslntrflqgpkiaeeefevelergkthikalavsdlnragqrqva  
felngqlrsilvkdtqa

>1DEW\_A

gpalyedppdhktspsgkpatlkicswNvdglrawikkkglwdvkeeapdilclqetkcsenklpaelqelpg  
lshqywsapsdkegysgvgllsrqcplkvsygigdeehdqegrivafdsfvlvtaYvpnagrglvrlayrq  
rwdeafkrkflkglasrkplvlcgDlNvaheedlrnpkgnknagftpqrqgfgellqavpladsfrhlypn  
tpyaytfwtymmnarsknvgwrlDyflshsllpalcdskirskalgsdHcpitlylal

>1HLG\_A

spevtmnismitywgypneeyevvtedgyilevnripygkknsgntgqrpvvflqhglasatnwisnlpn  
slafiladagydvwlgnsrngtwarlnlyyvspdsvefwafsfdemakydlpatidfivkktgqqlhyvghSq  
gttigfiafstnpslakriktfyalapvatvkytkslinklrfvpqslfkfifgdkifyphnffdqflavc  
sremlnllcsnalfiicgfdsknfntsrldvylshnpagtsvqnmfhwatqavksqkfaydwgspvqnrmyd  
qsqppyynvtamnvpiavwnnggDlldapqdvglpklplnliyhkeipfynHldfiwamdapqevyndivsm  
isedkk

>4E36\_B

vatngerfpwqelrlpsvviplhydlfvhpnltslfdvasekievlvsnatqfiilhskdleitnatlqsepg  
kelkvlsypaheqiallvpekltphlkyyvamdfqaklgdgfegfykstyrtlgetrilavtdfdeptqarma  
fpcfdeplfkanfsikirresrhialsnmpkvktielegglledhfettvkmstylvayivcdfhslsgftss  
gvkvsiaspdkrnqthyalqaslklldfyeykyfydiyyplskldliaipdfapgamEnwglityretsllfdp

ktssasdklwvtrviahelahqwfgnlvtmewwndiwlkegfakymeliavnatypelqfddyflnvcfevit  
kdslnssrpiskpaetptqiqemfdevsynkgacilnmlkdflgeekfqkgiiqylkkfsyrnaknddlwssl  
snsaevkemmttwtlqkgipllvkqdgcsrlrqgerflqgvrylwhipltystsssnvihrhilksktdtld  
lpektswvkfnvdsngyyivhyeghgdqlitqlnqnhtllrpkdirvglihdfqlvgagriltldkaldmtyy  
lqhetsspalleglsylesfyhmdrrnisdisenlkryllqyfkpvidrqswsdkgsvwdrmrlrsallklac  
dlnhapciqkaaelfsqwmessgklniptdvlkivysvgaqttagwnylleqyelsmssaeqnkilyalstsk  
hqeklklkielgmegkviktqnlaallhaiarrpkgqqlawdfvrenwthllkkfdlgsydirmiisgttahf  
sskdklqevklffesleaaggshldifqtvletitknikwleknlpplrwtlwmvnt

>1DZR\_A

mmiviktaipdvlilepkvfvgdergffffesynqqtfeeligrkvtfvqdnhskskknvlrglHfqrgenaaggk  
lvrcavgevfvdvavdirkesptfgqwgvnlsaenkrqlwipegfahgfvtlseyae-flykatnyyspssegs  
ilwndeaigiewpfsqplpelsakDaaaplldqallte

>1UAM\_A

mgsshhhhhhssglvprgshmwigvislfpemfkaitefgvtgravkhnllkvecwnprdfthdkhktvddrp  
ygggpgmlmmvqplrdaihtakaaagegakviylspqgrkldqggvtelaqnqklilvcgryegiderliqte  
ideewsigdyvltggelpamtldavarfipgvlgkqasaeDsfadglldcphyrpevlegltvppvlmsg  
hheeirkwrllkqslqrwtlrrpelleglaltdeqrklkkeaqaehnslehhhhh

>1JXH\_B

mgshhhhhhhhhssgyhiqgrhmqrinaltiagt dpsggagiqadlktfsalgaygcs vitalvaentcgvs  
vyriepdfvaaqldsvfsvdridttkigmlaetdiveavaerlqrhhrnvvltdvmlaksgdpllpsaiet  
lrvrllpqvslitpnlpaaaaalldapharteqemlaqgrallamgceavlmKgghledaqspdwlftrereqr  
fsaprvtknthGtgctlsaalaalrprhrswgetvneakawlsaalaqadtlevgkgigpvhhfhaw

>1ZE1\_D

mkhgilvaykpkgptshdvdevrkkkltrkvghggtlDpfacgvliigvnqgtrilefykdllkvYwvkmrl  
glitetfditgevveerecnvteeeireafsfvgeydqvpapkrvkifkiwdvniegrdvsfrvevspgty  
irslcmdigyklgcgatavelvresvgphtieeslnvfeaapeeienriiplekclewlprvvvhqestkmil  
ngsqihlemlkewdgfkkgdevrvfneegrllalaeaernssfletlrkherqrrvltlrkvfqt

>4JR0\_B

nadnsykmdypemglciiinnknfhkstgmTsrsqtdvdaanlretfrnlkyevrnkndltreeivelmrds  
kedhskrssfvcvllsHGeegiifgtngpvdllkitnffrgdrsrsltGkpklfiiqaCRgtipveadflyay  
stapgyyswrnskdgswfiqslcamlkqyadklefmhiltrvnrkvatefesfsfdatfhakkqipcivsmllt  
kelyfyh

>3QN0\_C

sttlfkdfthfeaahrlphvpeghkCgrlhghsfmvrleitgevdphgtwiidfaelkaafkptyerldhhyln  
dipglenptsevlakwiwdqvkpvvpllsavmvkEtctagciyr

>1CC1\_S

mtegakkapviwvqgggcTgcsvsllnavhprikeilldvislefthptvmasegemalahmyeiaekfngnff  
llvegaiptakegrycivgetldakahhhevtmmelirdlapkslatvavgtcsayggipaaegnvtgsksvr  
dffadekieklvnvpgcpphpdwmvgtlvaawshvlnptehlpeldddgrplllffgdni hencpyldkydn  
sefaetftkpgckaelgckgpstyadca krrwnnginwcvn avcigcvepdpfdgkspfyvae

>1B73\_A

mkigifDSgvvgglvtlkairnryrkvddivylgdtarvpygirskdtiiryslecagflkdkgvdiivvaCnta  
sayalerlkkeinvpvfgviepgvkealkksrnnkigvigtpatvksgayqrkleeggadvfakacplfapla  
eegllegeitrkvvehylkefkgkidtlilgCthypllkkeikkflgdaevvdssealslslnhfikddgsss  
lelfftdlspnlqfliklilgrdypvklaegvfth

>1IG8\_A

mvhlgpkkpqarkgsmadvpkelmqqienfekiftvptetlqavtkhfiselekglskkgnipmipgwvmdf  
ptgkesgdflaidlggtnlrvvlvklggdrtdfttqskyrldamrttqnpdelwefiadslkafideqfpqg  
isepiplgftfSfpasqnkin egilqRwtkgfdipnienhdvvpmlqkqitkrnipievv alinDttgtlvas  
yytdpetkmgvifgtgvngayydvcsdieklqgklsddippsapmainceygsfdnehvvlp rtkyditidee  
sprpggqtfekmssgyylgeilrlalmdmykqgfifknqdlskfdkpfvmdtsy parieedpfenledtdldf  
qnefginttvqerklirrlseligaraarlsvcgiaaicqkrgyktghiaadgsvynrypgfkekaanalkdi  
ygtwtqtslddypikivpaedgsgagaaviaalaqkriaegksvgiiga

>1AHJ\_A

msvtidhttenaapaqaavsdrawingalfraldgkglvpdgyvegwkktfeedfsprrgaelvarawtdpefrql  
l1tdgtaavaqygylgpggeyivavedtptlknvivcsLCSctawpilglpptyksfeyrarvvreprkvl  
emgteiasdieirvydttatetrymvlpqrpagtegwsqeqlqeivtkdcligvaipqvptv  
>1H3I\_B  
fffdgstlegyyvddalqgggytytedggvlqgtyvdgelngpageydtmgrlifkgqykdnrhgvciwyypp  
dggslvgevnedgemtgekiayvypdertalygkfidgeiegklatlmsteegrphfelmpgnsvyhfdkst  
sscistnallpdpyeservyvaeslissageglfskvavgpntvmsfyngvrithqevdsrdwalngntlsld  
eetvidvpepynhvskycaslghkanhsftpniciydmfvhprfgpikcirtlraveadeeltvaYgydhspg  
k  
>1PTD\_A  
assvnelenwskwmpipdsiplarisipgtHdsgtfklqnpikqvwgmtqeydfryqmdhgarifdiRgrlt  
ddntivlhHgplylyvtlhefineakqflkdnsetiimslkkeyedmkgaedsfsstfekkyfvdpiflkte  
gniklgdargkivllkrysgsnepggynnfypdnetftttvnqnanvtvqdkykvsydekvsikdtmdetm  
nnsedlnhlyinfstlssggtawnspyyasyinpeianykqknparvgwviqDyinekwspillyqeviran  
kslike  
>108A\_A  
deaeaskfveeydrtsqvwnneyaeannwnyntnittetskillqknmqianhtlkygtqarkfdvnqlqntti  
kriikkvqdleraalpageleeynkilldmetytsvatvchpngsclqlepdltvmatsrkyedllwawegw  
rdkagrailqfyppkyvelinqaarlngyvdaagdsrsmymetpsleqdlrlfqelqplylnlhayvrralhrh  
ygaqhinlegpipahllgnmwaqtswniydlvvpfapsmdtteamlkqgwtprrmfkeaddfftslglp  
ppefwnksmlekptdgrevvCHAsawdfyngkdfrikqcttnledlvvahhEmghiyyfmqykdplvalreg  
anpgfheaigdvallsvstpkhlhslnlssdehdinflmkmaldkiafipfsylvdqrwrwvfdgsitkeny  
nqewwslrlkyqglcppvpptqgdfdpgakfHipssvpyirYfvsfiiqfhealcqaaghtgplhkcdiyq  
skeagqrlatamklgfsrpwpeamqlitgqpnmsasamlsyfkplldwlrtenehlgeklwp  
>1RYP\_1  
qfnpygdngGtilgiagedfavlagdtrnitdysinsryepKvfdcgdnivmsanGfaadgdalvkrfknsvk  
wyhfdhndkklinsaaarniqhlllygkrffpyyvhtiiagldedgkgavysfdpvgysyereqcraggAasli  
mpfldnqvnfknqyepgtngkvkplkylsveeviklvdsftsaterhiqvgdgleilivtkdgvkrkefyel  
krd  
>1QOL\_H  
meltlyngekktyfysrpnnhdnAwnailqlfryveepffdwvysspenltleaikqledltglelheggppa  
lviwnikhllhtgigtasrpsevvcvvdgtmdcladfhagiflkgqeHavfacvtsngwyaiDdedfypwtpdp  
sdvlvfvpydqepIngewkakvqrklk  
>1YCF\_B  
sqpvaitdgiyvwgavdwniryfHgpaftsthrgttnaylivddktalvdtvyepfkeeliaklkqikdpvkl  
dylvvnhtesdhagafpaimelcpdahvltqgrafdslkahyshidfnyktivktgtsvslgkrsltfieapml  
hwpdsmftypveealllpndafgghiatsvrfddqvdaglimdeaakYyanilmpfsnlitkkldaiqkinla  
iktiapshgiiwrkdpgriiieayarwaegggkakaviaydtmwlstekmahalmdglvaggcevkflklsvsd  
rndvikeildaravlvgsptinndilpvvsppllddlvglrpknkvglafgaygwgggaqkileerlkaakiel  
iaepgptvqvwprgedlqrcyelgrkiaariad  
>1A95\_A  
mseyivtwdmqlqiharklasrlmpseqwkgiavsrsgglvpgallarelgirhvdvtvcissydhdnqrelkv  
lkraegdgegfiviDDlvDtgggtavairemypkahfvitifaKpagrplvddyvvdipqdtwieqpwdmgvfv  
ppisgr  
>1FHL\_A  
altyrgadisslllledegysyknlnqgtqaletiladaginsiRqrvwnpsdgsylddynlelakrvkaag  
mslyldhlslsdwadpsdqttpsgwsttdlgtlkwqlynytlevcntfaendidieiiisignEiragllwplg  
etssysnigallhsgawgvkdsnlattpkimihlddgswdqnyfyetvlatgellstdfdyfgvsyyppfys  
asatlaslktslanlqstydkpvvvvEtnwpvscpnpayafpsdlssipfsvagqqefleklaavveatt  
glgvyywepawignaglgsscadnlmvdtytdevyesietl  
>1SZD\_A  
masmsvstastemsvrkiaahmksnpnakvifmvagagistscgiPDFRspgtglyhnlarklpypeavfdvd  
ffqsdplpfytlakelypgnfrpskfhyllklfqdkdvkrvytqNiDtlerqagvkddliieaHgsfahchc

igcgkvpyppqvfkksklaehpikdfvkcdvcgelvkpaivffgedlpdsfsetwlnndsewlrekittqqplviv  
vgtslavypfaslpeeiprkvrvcnletvgdfkankrptdlivhqysdefaeqlveelgwqedfekilta  
>1PYL\_B  
aladvcrtklpsqaqdtlaliakngpypynrdgvvfенresrlpkkgngyyhEftvvtpgsndRgtrrvvtgg  
ygeqywspdHyatfqeidprc  
>1MRO\_A  
adklfinalkkkfeespeekttfytllggwkqserktefvnagkevaakrgipqynpdigtplgqrvlmpyqv  
sttdtyvegddlhfvnnaamqqmwdrrtvivglnhahaviekrigkevtpetithyletvnhampgaavvq  
ehmvethpalvadsykvftgndeideidpafvidinkqfpedqaetlkaevgdgiwqvriptivsrtdcg  
attsrsamqigmsmisaykqaageaatgdfayaakaevihmgtylpvrargenepggvpfgyladicqssrv  
nyedpvrsvldvvatgamlydqiwlgsymsgvgvftqyataaytdnilddftyfgkeyvedkyglceapnmd  
tvldvatevtfygleqyeeypalledqfggsraavvaaagcstafatgnaqtglsqwylsmylhkeqhsrlg  
fyydlqdgqasnvsirgdeGlplelrgpnypnyamnvghqgeyagisqaphaargDafvfnplvkiafaddn  
lvfdftnvrgefakgalrefepageralitpa  
>3D47\_G  
menimtlpkikhvrawfiggataekgagggdyhdqggnhwiddhiatpmskyrdeysrqsfginvgltlive  
veaenrtgfvavstAgemgcfivekhlnrfiegkcvsdiklihdqmlgatmyysgsgglvmntiscvdlalwd  
lfgkvvglpvykllggavrdaiqfyatgarpdlakemgfiggKmPthwGpHdgdagirkdaamvadmrckcp  
dfwlmldcwmsqdvnysatklahacapfnlkwieecppqqyegyrelkrnapagmmvtsgehhgtlqsfrtla  
etgidimqpDvgwcgglttlveiaalakrsrgqlvvpHgsSvyshhavitftntpfSEFlmtspdcstlrpqfd  
pilldepvpvngrihksvldkpgfgvelnrdchlkprysh  
>1H16\_A  
selneklatawegftkgdwqnevnvrdfiqknytpyegdesflagateatttlwdkvmegvklenrthapvdf  
dtavastitshdagyinkqlektivglqteaplkrallpfggikmiegsckaynreldpmikkifteyrkthnq  
gvfdvytpdilrcksgvltglpdaygrgriigdyrrvalygidylmkdklaqftslqadlengvnleqtirl  
reeiaeqhralgqmkemaakygydisgpatnaqeaaiqwtyfgylaavksqngaamsfgtrstfldvyierdlk  
agkiteqeaqemvdhlvmklrmvrflrtpeydelvsgdipiWatesiggmglgtrtlvtknsfrflntlytmgp  
spepnmtilwseklplnlfkkfaakvsidtslqyenddlmrpdfnnddyiaiaCCvspmivgkqmqqffgaranl  
aktmlyainggvdeklkmqvgpksepikgdvlnydevmermdhfmldwlakqyitalniihymhdkysyeaslm  
alhdrdvirtmacgiaglsvaadslsaikyavkvpirdedglaidfeiegeypqfgnndprvddlavdlverf  
mkkiaqklhtyrdaiptqsvltitsnvvygkktgntpdgrragapfgpganpmhgrdqkgavasltsvaklpfa  
yakdgisytfisivpnalchkdddevrktlagnldmgyfhheasieggqhlvnmnmremlldamenpekypqlti  
rsvGyavrfnsltkeqqqdvitrftqsm  
>1ALK\_A  
tpempvlenraaqgnitapggarrltgdqtaalrnsldkpkakniilligdgmgdseitaarnyaegaggffk  
gidalpltggythyalnkktgkpdvtdSaasatawstgvktyngalgvdihekdhptilemakaaglatgnv  
staelqdatpaalvahvtsRkcygpsatsqkcpngnalekgkgsiteqllnaradvltlggaktfaetatage  
wqgktlreeaeargyqlvsdaaslnsvteanqqkpllglfadgnmpvrwlgpkatyhgnidkpavtctpnpr  
ndsvptlaqmtdkaiellsknekffllqvegaskidqkhaanpcgqigetvdldeavqralefakkegntlvi  
vtadhahasqivapdtkapgltaqalntkdgavmvmsygnseedsqehtgsqlriaaygphaanvvgltqdtdl  
fytmkaaqlgk  
>1P4N\_A  
pvlndpqaaveryeefmrqspygqvtqdlgwakvKnnwepvdvyleddqgaiiaamsmlldtptdkkfaya  
skgpvmvdvtdvdlldrlvdeavkaldgrayvlrfDpevaysdefnttlqdhgyvtrnrnvadagmhatiqr  
nmvldltkfpdakttdlypsktskikrpfdrdgvevhsgnsateldefktyttmaerhghithRpieyfqrm  
qaafdadtmrifvaeregkllstgialkygrkiwymyagsmdgntyypavyavqsemiwaltdntdlydlggi  
esestddslyvfkhvfvkdapreyigEidkvldpevyaelvkd  
>4EBF\_B  
lpklvithrvheelqllaphcelitnqtdstltreeilrrcrdaqaafpdrvdadflqacpelrvigcalkg  
fdnfdvdactargvwlftvvpdlLtvptaেলাiglavglgrhlraadafvrsqgfrgwqprfygtgldnatvgf  
lggaiglaadrlqggwatlqyhaakaldtqteqrllgrqvacsselfassdfillalplnadtlhlvnaellal  
vrpgallvnpCRgsvvdeaavlaalergqlggyaaDvfeEdwarAdRpqqidpallahpntlftpHigsavra  
vrleiercaaqlqalagerpinavnrlpk  
>1AZY\_A

lflageiirkkrdghalsdeeirffingirdntisegqiaalamtiffhdmtmpervsltmamrdsqgtvldwk  
slhlngpivdkHstggvgdvtslmlgpmvaacggyipmisgrglghtggtldklesipgfdifpddnrfreii  
kdvgvaiigqtsslpadkrfyatRditatvdsiplitasilaKklaegldalvmdvkvgsgafmptyelsea  
laeaivgvangagvrttalltdmnqvllassagnavevreavqfltgeyrnprlfdvtmalcvemlisgklakd  
daearaklqavldngkaaevfgrmvaaqkgptdfvenyakylptamltkavyadtegvfsemtralgmavva  
mgggrrqasdtidysvgftdmarlgdqvvgqrplavihakdennwqeaakavkaaikladkapestptvyrri  
se

>1BWZ\_A

mqfskmhglgndfvvvdgvtqnvfftpetirrlanrhcgigfdqllliveapydpeldfhyrifnadgsevsqC  
ngarcfarfvtlkgltknkdisvstqkgnmvltvkdmnqirvnmgepiwepakipftankfeknyilrtdiq  
tvlcgavsmgnpHcvvqvddiqtanveqlgpllesherfpervnagfmqiinkehiklrvyErgagetqaCgs  
gacaavavgimgqllnnnvqvdlpggslmiewngvghplymtgeathi ydgfitl

>1B7Y\_A

mleealaaiqnardleelkalkarylgkkglltqemkglsalpleerrkrqqelnaikaaleaalearekale  
eaalkealerervdvsllpgaslfsgglhpitlmerelveifralgyqavegpeveseffnfdalnipehpar  
dmwdtftwltgegfrlegplgeevgrlllrthtspmqvrymvahtppfrivvpgrvfRfeqtdatheavfhql  
eglvvgegiamahlkgaiyelaqalfgpdskvrfqpvypfvepgaqfavwwpeggkwlelggagmvhpkvfq  
avdayrerlglppayrgvtgfAfglgverlamlrygipdiryffggrlklfleqfkgvl

>2XLL\_B

vaqispqypmftvplpippvkqprltvtnpvnggeiwyveikpfthqvypdlgsadlvgydgmspgptfqv  
prgvettvrrfinnaeapnsvhlhgsfsraafdgaeditpgsfkdyypnrqsartlwyhdhamhitaenay  
rggaglymltdpaedalnlpsgygefdipmiltskqytangnlvttngeinsfwgdvihvngqpwpfknevr  
kyrfrfldaavsrsglyfadtdaidtrlpfkviasdsgllehpadtsllyismaeryevvfdfsdyagktie  
lrnlggsiggigtddtdydntdkvmrfvaddttqpdtsvvpanlrdvpfptsptntprqfrfgrtgptwtng  
vafadvqnrllanvpvgtverwelinagngwthpihihlvdfkvisrtsgnnartvmpyesglkdvvwlgrre  
tvvveahyapfpgvymfHChnlihedhdmmaafnatvlpdygynatvfvdpmleelwqarpyelgefqaqsgqf  
svqavteriqtmaeyrpyaaad

>107A\_A

palwplpls vkmtpnllhlapenfyishspnstagpsctlleeafrryhgyifgtqvqqllvsitlqsecdaf  
pnissdesytlllvkepavvkanrvwgalrgletfssqlvyqdsygtftinestiidsprfshrgilidtsrhy  
lpvkiilktldamafnkfnvlhwhivddqsfpypqsitfpelsnkgsyslshvytpndvrmvieyarlrgirvl  
pefdtpghtslswgkgqkdlltpcyskldsfgpinptlnttysflttffkeisevfpdqfihlggDEvefkwe  
snpkiqdfmrqkgfgtdfkklesfyiqkvldiiatinkgsi vwqevfddkaklapgtivevwkdsaypeelsr  
vtasgfpvilsapwyldlisygqdwrkyykvepldfggtqkqkqlfiggeaclwgeyvdatnltprlwprasa  
vgerlwsskdvrmdmdaydrlltrhrcrmvergialaaplyagycnh

>2RSP\_A

lamtmehkdrplvrvtlnttgshpvkqrsvyitalldSgaditiiseedwptdwpvmeaanpqihgigggipm  
rksrdmielgvinrdgslerplllfpavamvrgsilgrdclqglrltnl

>1ARZ\_A

mhdanirvaiagaggrmgrqliqaalalegvqlgaaleregssllgsdagelagagktgvtvqssldavkddf  
dvfidftrpegtlnhlafrqhkgmvgittgfdeagkqairdaaadiaivfaanfsvgvnmklklekaakv  
mgdytdieieiaHhrhKvdapsgtalamgeaiaahaldkdldcavysreghtgervpgtigfatvragdivge  
htamfadigerleithkassrmtfangavrsalwls gkesglfmdrdvldlnnl

>1DO6\_A

misetirsgdwkgEKhvvpieyeregelvkvkvgvgkeiphpnttehhiriyielyflpegenfvyqvgrveft  
ahgesvngpntsdvytepiayfvltkktkkkgklyalsyncnihglwenevtle

>1QJE\_A

mgsvskanvpkidvsplfgddqaakmrvaqqidaasrdtgffyavnhginvqrlsqktkefhmsitpeekwdl  
airaynkehqdqvraggyllsipgkkavesfcyl npnftpdhpriaktpthevvnwpdetkhpqgfqdaeqyy  
wdvfglssallkgyalalgkeenffarhfkpddtlasvvllirypylpypeaaaiktaadgtklsFewhedvsl  
itvlyqsnvqnlqvetaagyqdieaddtgylinccsymahltnnyykapihrvkwvnaerqslpffvnlgys  
vidpfdprepngksdreplsygdylqnglvsl linkngqt

>1DOD\_A

mktqvaiigagpsgl1llgqllhkagidnvilerqtpdyvlgriragvleqgmvdllreagvdrmmardglvhe  
gveiafagqrrridlkr1sggktvtvygqtevtvrdlmeareacgattvyqaaevrlhdlqgerpyvtferdge  
rlrldcdyiagcdgfhg1srqsipaerlkvfervypfgwlglladtpvsheliYanhprgfalcsqrsatrs  
ryyvqvplsekvedwsderfwtelkarlpsevaeklvtgplsleksiaplrsfvvepmqhgrlflagdaahivp  
ptgakgl1naasdvstlyrlllkayregrgellerysaiclrriwkaerfswmmtsvlhrfpdtdafsqriqq  
teleyylgseaglatiaenYvglpyeeie

>1AZW\_A

mrtlypeitpyqqgslkvddrhtlyfeqcgngphgkpvm1lhggpgggcndkmrrfhdpakyrivlfdqrgsgr  
stphadlvdnnttwdlvadierlrthlgvdwrqvf1ggSwgstlalayaqthpqqvtelvlrgifllrrfelew  
yqegasrlfpdawehyl1naippveradlmsafhr1r1tsddeatrlaaakawsvwegatsflhvdedfvtghed  
ahfalafarienhyfvnggffevdqllrdahriadipgvivh1gryDvvcplqsawdlhkawpkaqlqispas  
gHsafepenvdalvratdgfa

>1AF7\_A

svllqmtqrlalsdahfricqliyqragivladh1krdmvy1nrlvr1ralgl1ddfgrylsm1eanqnsaewq  
afinalttnltaffReahhfpilaeharrhgeyrvwsaaastgeepysiaitladalgmapgrkwk1fasDid  
tevekarsgiyrlselk1t1spqqlqryfmr1gtgph1glvr1rqelanyvefssvn1lekqynvpgpfdaifc  
rnvmiyfdk1ttqedilrrfvpl1kpdgllfaghsenfsn1lvrefslrgq1tv1als

>4FIV\_A

vgttt1tlekrpeilifvngypikf1l1DTgaditilnrrdfqvknsiengrqnmigvgggkrgtnyinvhleir  
denyktqcifgnvcvlednsliqpl1lgrdnmikfnirlvm

>1GOG\_A

asapigsaisrnnwavtcdsaqsgnecnkaidgnkdtfwh1fygangdpkpphtytidmkt1qnvn1glsm1pr  
qdgnqngwigrhevy1lssdgtnwgs1pvasgswfadsttkysnfetrparyvrlvaiteangqpwt1siaeinvf  
qassytapqpg1lgrwgptidlpivpaaaaieptsgrv1lmwssyrndafggspggit1tsswdp1stgivsdrtv  
tvtkhdmfCpgismdgngqivvtggndak1t1slydsssdswipgpdmqvargYqssatmsdgrvftig1g1Wsg  
gvfekngevyspssktwt1slpnakvnpmltadkqglyr1sdn1haw1fgwkkgsvf1qagpstamnwyytsgsgdv  
ksagkrqsnrgvapdamcgnavmydavkgkiltf1ggspdyqdsdattnahiit1lgepgtspntvfasnglyfa  
rtfhtsv1lpdgstfitggqrrgipfedstpvftpeiyvpeqdtfykqnpnsivrvYhsis1lllpdgrvfngg  
gg1cgdcttnhfdaqiftpnylyn1sngnlatrpkitrtstqsvkvgg1ritistdssiskas1lirygtathtvn  
tdqrriptl1t1nnggnsysf1qvpsdsgvalpgywm1lfvmsagvpsvastirvtq

>1ZPU\_C

eth1fnwt1tgwdyrnvdglksrpvitcngqfpwpditvnkgdrvqiyltngmnntntsmhfhg1lfqngtasmd  
gvpfl1tqcpiapgstmlynftvdynvgtywyhsh1tdggyedgmkg1f1ikddsfp1ydeels1slsewyhdl  
vtdl1tksfmsvynptgaepipqnlivnntm1n1twevqpdttyllrivnvggfvsqyfwiedhemtvveidgit  
teknvtdmlyitvaqrytv1vhtkndtdknfaimqkfddt1mldvip1sdlq1lnatsymvynktaaltqnyvds  
idnfl1ddfy1lqpyekeaiygepdhvitvdv1mdn1kngvnyaffnnitytapkvptlmtv1lssgdqannsei  
ygsnht1filekdeiveiv1lnnqdtgthpf1hlhghafqtiqrdrtyddalgevphsfdpdnhpafpeypmrrdt  
lyvrpqsnfvirfkadnpgvwffHChiewh1llqglglv1lvedpfgiqdahsqqlsenhlevcqs1cvategna  
aantld1td1t1tgen1vqha

>1B65\_E

kprardlglpftgvtgppynaitdvdgvgvgfqtii1enep1prgrkparsgvtailphmqsetpvpvyagvhrf  
ngngemtgtwhiedggyflgpvvitn1thgigmahhatvrwmvdryastyqtd1dflwimpvvaetYdgalndin  
gfpvteadvrkaldnvasgpgvqegncgggtgmitygfk1ggtgtasrvvefggrsftigalvqaNhgqrdwlti  
agvpvgqhmr1dgt1pqsqlSiivvlatd1plmp1hqlkrlarrasigigrngtppggn1SGdifiafstanqrpmq  
hrsapfldvemvndepldtvylaavdsveeavvnamiaaedmggt1pfd1llvqaidherlravlrqygrla

>1URO\_A

meang1gpggfpelkndtflraawgeetdytpvwcmrqagrylpef1retraaqdffstcrspeac1celt1lqpl  
rrfpldaai1ifsDilvvpqalgm1evtmvpgkgpsfpeplreeqdl1er1rdpevvase1lgyvfqaitl1trqrla  
grvpligfagapwtlmtYmvegggsstmaqakrwlyqrpqashq1llr1ltdalvpylv1gqv1vagaqalqlfes  
haghl1gpqlfnkfalpyirdvakqvkarlreaglapvpmiifakdghfaleelaqagyevv1gl1dwtvapkkar  
ecvgtvtl1qgnldpcalyaseeeigqlvkq1mlddfgphryianlghg1lypdm1dehvgafvdavhkh1srllr  
qn

>1IMA\_A



madpwqecmdyavtlarqagevvceaiknemnmvmlksspvdlvtatdqkvekmlissikekypshsfigEesv  
aageksiltdnptwiidpidgTtnfvhrfpfvavsigfavnnkiefgvvyscvegkmytarkgkgafcnngqkl  
qvsqgeditksllvtelgssrtpetvrmlvsnmeklfcipvhgirsvgtaavnmclvatggadayyemgihcw  
dvagagiivteaggvldmvtvggpfdlmsrrviaannrilaeriaikeiqviplqrdded

>1F7L\_A

giygiglditelkriasmagrqrfaeriltrseldqyyelsekrkneflagrfaakeafsKafgtgigrqls  
fqdieirkdqngkpyiictklspaavhsitHtkeyaaaqvvierlss

>1P84\_A

aevtqlsngivvatehnpashtasvgvfgsgaanenpynngvsnlwKniflskensavaakeglalssnisr  
dfqsyivssllpgstdksldflnqsfiggkanllssnfeatkksvlkqvqdfedndhpnrvlehlhstafqnt  
plslptrgtleslenlvvadlesfannhflnsnavvvtgnikhedlvnsiesknslsqtgtkpvllkkaafl  
gsevrldrddtlpkawislavegepvnsponyfvaklaaqifgsynafepasrlqgiklldniqeyqlcdnfhnf  
slsykdsglwgfstatrntmddlihfthkqwnrltisvtdteveraksllklqlgqlyesgnpvndanllg  
aevlikgskslslgeafkkidaitvkdvkawagkrlwdqdiaiaagtggieglldymrirsdmssmrw

>1FUG\_B

akhlftsesvsegHpdkiadqisdavldaileqdpkarvacetyvktgmvlvggeittsawvdieeitrtntvr  
eigyvhdsdmgfdanscavlisaigkqspdinqgvdradpleggagdgglmfgyatnetdvlpapityahrlvq  
rqaevrkngtlpwlrpdaKsqvtfqyddgkivgidavvlstqhseeidqkslqeavmeeiikpilpaewltsa  
tkffinptgrfviiggpmgdcglgtgRKiivdtyggmarhgggafsgKdpsKvDrsaayaaryvaknivaaglad  
rceiqvsyaigvaeptsimvetfgtekvpseqltllvreffdlrpygliqmlldllhpiyketaayghfgrehf  
pwektkaqlrdaaglk

>1SML\_A

aevplpqlraytvdaswlpqmaplqiadhtwqigtedltallvqtpdgavlldggmpqmashlldnmkargvt  
prdlrlillshahadhagpvaelkrrtgakvaanaesavllarggsddlhfgdgityppanadrivmdgevit  
vggivftahfmaghtpgstawtwtldrngkpvriayadslsapgYqlqgnpryphliedyrfsfatvralpcd  
vlltphpgasnwdyaagaragakaltckayadaaeqkfdgqlaketagar

>1APY\_B

TigmvvihtghiaagtsTngikfkighrvgdspipgagayaddtagaaaaTGngdilmrflpsyqaveymrr  
gedptiacqkvisriqkhfpeffgavicanvtgtsygaacnklstftqfsfmvynseknqpteekvdc

>1ORO\_A

mkpyqrqfiefalsekqvlkfgeftlksgrkspyffnaglfntgrdlallgrfyaealvdsgiefdllfgpayk  
gipiatattavalaehhldlpycfnrkeaKdhgeggnlvgsalqgrvmlvddvitagtairesmeiiqangat  
lagvlisldrqrgergrgeisaiqeverdynckvisiitlkdliayleekpemaehlaavkayreefgv

>1PS1\_A

mpqdvdfhiplpgrqspdharaaeqlawprslglirsdaaaerhlrggyadlasrfyphatgadldlgvdlm  
swfFlfddldfdgprgenpedtkqltdqvaalddgplpdtappiahgfadiwrtrcegmtpawcarsarhwrny  
fdgyvdeaesrfwnapcdsaaqylamrrhtigvqptvdlaeragrfevphrvfdsavmsamlqiavdvnl  
diaslekeeeargeqnnmvmilrrehgwsksrsvshmnevrarleqyllllesclpkvgeiyqldaerealer  
yrtdavrtvirgsydwHrssgrydaefalaagaqgyleelgssah

>1CQJ\_A

silidkntkvicqgftgsqgtfhseqaiaygtkmvggvtpgkgtthlglpvfntvreavaatgatasviyvp  
apfckdsileaidagikliititegiptldmltvkvkldeagvrmigpnpcpgvitpgeckigiqpghihkp  
vgivrsrgtltyeavkqttidygfgqstcvgiggdpipgsnfidilemfekdpqteaivmigEiggsae  
yikehvtkpvvggiagvtapkgkrmgHagaiiaggkggtadekfaaleaagvktvrsladigealktv

>1OS7\_A

mserlsitplgpyigaqisgadltrplsdnqfeqlyhavlrhqvvflrdqaitpqqqralaqrfgelhihpvy  
phaegvdeiivldthndnppdndnwhtdvtfietppagailaakelpstggdtlwtsgiaaayealsvpfrqll  
sglraehdfrksfpeykyrkteeehqrwreavaknpplhpvrthpvsqkqalfvnegfttrivdvsekese  
allsflfahitkpefqvrwrwqpndiaiwdrvtqghyanadylpqrrimhRatilgdkpfyrag

>1S9C\_C

gfagaigqklppfsyayteleaimyalgvgasikdpkdlkfiyegssdfsclptfgviigqksmglaeipgls  
infakvlhgeqylelykplpragklkceavvadldksgsvviimdvsyselichnqfslflkrtsdkvkva  
vaipnrppdavltddtslnqaalyrlsgDwnplHidpnfaslagfdkpllhGlctfgfsarrvlqqfadndvs  
rfkavkarfakpvypgqtlqtemwkegnrihfqtkvqetgdivisnayvdla

>1DIZ\_A

mytlmwqppydwsmlgflaaravssvetvadsyyarslavgeyrgvvtaipdiarhtlhinsaglepvaae  
clakmsrlfdlqcnppqivngalgrlgaarpgrlrlpgcvdafeqqgvrailgqlvsvamaakltarvaqlygerl  
ddfpeyicfptpqrllaaadpqalkalgmplkraealihlanaalegtlpmtpipgdveqamktlqtfgpigrwt  
anYfalrgwqakdvflpdDylikqrfgmtpaqirryaerwkpwrasyallhiWytegwqpdea

>4KBP\_D

rdmpldsdvfrvppgynapqqvhitqgdlvgramiiswvtmdepgssavrywsekngrkriakgkmstyrffn  
yssgfihhttklkyntkyyyevglrnttrrfsfitppqtgldvpytfgligdlgqsfsdnttlshyelspk  
kgqtvlfvgdlsyadrypnhdnvrwdtwgrftersvayqpwitagnHeiefapeinetepfkpfisyryhvp  
easqstspfwysikrasahiivlssysaygrgtpqytwlkkelrkvrsetpwlivlmhsplynsynHHfmeg  
eamrtkfeawfvkykvdivfaghvhayerservsniaaykitdglctpvkdqsapvyitigdagnygvidsnmi  
qpqppeysafreasfghgmfdiknrthahfswnrnqdgavaveadsvwffnrhwypvddst

>2IUA\_C

qstysleqladflkvefqngatllsgveeieeaktahitfldnekyakhlksseagaiiisrtqfqkyrdln  
knflitsspslvfqkclelfitpvdsgfpgihptavihptaiiedhvciepyavvcqhahvgsachigsgsv  
igaystvgeshyihprvvirervsigkrviiqpgavigscgfgyvtsafgqghklhklhgkviieddveigant  
tidrgrfkhsvvregskidnlvqiaHQvevgqghsmivaqagiaGstkignhviiggqagitghiciadhvimm  
aqtgvtksitspgiyggaparpqyeihrqvakvrnlprleeriaaleklvqkle

>1A2O\_A

mskirvlsvddsalmrqimteiinshsdmemvatapdplvardlikkfnpdvltldvemprmdgldfleklmr  
lrpmpvwmvssltgkgsevtlralelgaidfvtkpqlgiregmlaysemiaekvrtaarariaahkpmaptt  
lkagpllssekliagaSTggteairhvlqplplsspaviitqHmppgftersfaerlnklcqisvkeadger  
vlpghayiapgdkhmelarsganyqikihdgppvnrhrpsvdlfhsvakhagrnavgviltgMgnDgaagml  
amyqagawtiaqneascvvfgmpreainmggvsevvdlsvsqvqqlakisagqai

>1DB3\_A

skvalitgvtgqdgysylaefflekgyevhgikrrassfntervdhiyqdphtcnpkfhhlhygdlsdtsnltri  
lrevqpdevynlgamshvavsfespeytadvdamgtlrllleairflglekktrfyqasTsElyglvqeipqke  
tptfyprspYavaKlyaywitvnyresygmyacngilfnhesprgetfvtrkitraianiaqglesclylgn  
mdslrdwghakdyvkmqwmmlqqeqpedfviatgvqysvrqfvemaaqlgiklrfegtgvEEKgivsvtgh  
dapgvkpgdviiavdpriyfrpaevetllgdptkaheklgwkpaitlremvsemvandleaakhsllkshgyd  
vaiales

>1GIM\_A

gnnvvlgtqwgDegkgkivdllterakyvvryqggghnagHtlvingektvhlhlipsgilrenvtsiigngv  
lspaalmkemkeledrgipvrerlllseacplildyhvaldnarekargakaigttrgigpayedkvarrgl  
rvgdldfdketfaeklkevmeyhnfqlvnyykaeavdyqkvlddtmavadieltsmvvdvsdlldqarqrgdfvm  
fegaQgtllldidhgttypvtssnttaggvatgsglgprydvylgilKaystrvgagpfptelfdetgeflck  
qgnefgattgrrrrtgwldtvavrravqlnslsgfcltkldvldglkevklcvayrmpdgrevtttplaaddw  
kgvepiyetmpgwsestfgvkdrsglpqaalnyikrieeltgvpidiistgpdrtetmilrdpfa

>2OAT\_A

mfsklahlqrfavlsrgvhssvasatsvatkkktvggppsddifereykygahnyhplpvalergkgiylwdv  
egrkyfdflssysavnnqghchpkivnalksqvdkltltsrafynnlvgeyeeyitklfnyhkvlpmtntgveag  
etacklarkwgytvkgigkykakivfaagnFwgrtlsaissstdptsydgfgpfpmpgfdiipyndlpaleral  
qdpnvaafmvepiqgeagvvvpdpgylmgvrelctrhqvlfiaDeigtglartgrwlvaydyenvrpdivllgK  
alsgglypvsavlcdddilmtikpgehgstygggnplgcraivaiaalevleenlaenadklgiilrnelmklps  
dvvtavrgkgllnaiviketkdwadkwvclrlrdngllakpthgdiirfapplvikedelresieieinktils  
f

>2F9R\_B

adnrrpiwnlaHmvnavaqipdfldlganaleaDvtfkgsvptytyHGtpcDfgrdcirweyfnvflktlrey  
tptgnakyrdgfilfvldlKtgslnsdqvrpagenvakellqnywnngnnggrayvvlslpdighyefvrgfk  
evlkkeghedllekvgydfsgpylpslptldatheaykkagvldghiwlsdgltnfslplgdmrlkeaiksrd  
angfinkiyyWsvDkvsttkaaldvgvdgimtNypnvligvlkesgyndkyrlatyddnpwetfkn

>1AOP\_A

leprhamllRcrlpggvittkqwgaiddkfagentiyygsirltnrqtqfghgilknvkvphqmlhsvgladala  
tandmnRnvlctsnpyesqlhaeayewakkisehllprtrayaeiwlldqekvattdeepilgqtylprKfKtt

vvippqndidlhandmnfvaiaengklvgfnllvggglsiehgknkkyartasefgylplehtlavaeavvtt  
qrdwgnrtldrknaktkytlervgvvetfkaeverragikfepirpyeftgrgdrigwvkgiddnwhltlfieng  
rildyparplktglleiakihkgdfritanqnliiagvpesekakiekiakesglmnvtpqrensmacvsfp  
tcplamaeaerflpsfidnidnlmakhgvsdehivmrvtgcpngCgramlaevglvgkapgrynllhlggnrig  
triprmykenitepeilasldeligrwakereagegfgdftvragiirpvl dpardlwd

>1A0I\_A

vniktñpfkavsfvesaikkaldnagyliaeiKydgvrgrnicvdtansywlsvsktipalehngfdvrwk  
rllnddrfcfykdgfmldgelmvkgvdfntgsgllrtkwtddtknqefheel fvepirkkdkvpfklhtghlhik  
lyailplhivesgedcdvmtllmqehvknmlpllqeyfpeiewqaaesyevydmvelqqlyeqkraeghegli  
vkdpmcikyrgkksgwwkmkpeneadgiigglvwgtkglanegkvigfevllesgrlvnatnisralmdefte  
tvkeatlsqwgffspygigndactinpydgwacqisymeetpdgslrhpsfvmfr

>1BD3\_A

qeesilqdiitrfpnvvlmkqtaqlrammtiirdketpkeefvfyadrilrllieealnelpfqkkevttpld  
vsyhgvsfyiskicgvsivragesmesglravcrgvrigrkiliqRdetTaepkliyeklpadirerwvmlldpm  
catagsvckaievllrlgvkeeriifvnilaapqgiervfkeypkvrmvtaavdiclnsryyivpgigDfgdr  
yfgtm

>1JHF\_A

mkaltarqqevfdlirdhisqtgmpptraeiaqrlgfrspnaaeehlkalarkgvieivsgasrgirllqeee  
egplvgrvaadepllaqqhieghyqvdp slfkpnadflrrvsgMSmkdigimDgdllavhktqdvrrngqvvv  
ariddEvtvKrlkkqgnkvellpensefkpivvdlrqqsftieglavgvirngdwl

>2TS1\_A

mdllaqlwrglvnqttddedglrklneervtlycgfdptadslhighlatiltmrrfqqaghrpialvggat  
gligdspgKkseRtlndaketveawsarikeqlgrfldfeadgnpakiknnydwigpldvitflrdvgkhfsvn  
ymmakesvsqsrictgisftesymmlqaydfllrlyetegcrlqiggsdqwgnitaglelirktkgearafglt  
iplvtkadgtKfgKtesgtiwdkektspyefyqfwintddrdvirylkyftflskeeiealeqelreapekr  
aaqktlaeevklvhgeaalrqairisealfsgdianltaaeieqgfkdvpsfvheggdvpplvellvsagisp  
skrqarediqngaiyvngerlqdvgaailtaehrlegrftvirrgkkylylrya

>1NSF\_A

kpafgtnqedyasyimngiikwgdpvtrvl dddgellvqqtknsdrtplvsvlllegpphsgKtalaakiaeesn  
fpfikicspdkmigfsetakcqamkkifddayksqlscvvvddierlldyvpigprfsnlvlqallvllKkap  
pqrkllliigttsrkdvqlqememlnafsttihvpniatgeqllealellgnfkdkerttiaqqvkgkvwigi  
Kklmlmiemslqmdpeyrvrkflallre

>1DNP\_B

tthlvwfrqdlrlhdnlalaaacrns sarvlalyiatprqwathnmsprqaelin aqlnglqialaekgipll  
frevddfvasveivkqvcaensvthlfynnyqyevnerardveveralrnvvcegfddsvilppgavmtgnhem  
ykvftpfknawlkrlregmpecvaapkvrrssgsiepspsitlnyprqsfdtahfpveekaiaiaqlrqfcqnga  
geyeqqrdfpavegtsrslsaslatgglsprqclhrllaeqpqaldggagsvwneliwrefyrhlityhpslc  
khrpfiawtdrvqWqsnpahllqawqegktgypivdaamrqlnstgwmhnr lmitasflvkdlldWregery  
fmsqlidgdlaannggWqwaastgt daapyfrifnpttqgekfdhegefirqwl pelrdvp gkvvhewpkwaq  
kagvtldypqpivehkearvqtlaayeaark

>1G99\_A

mkvlinagSsslkyqlidmtnesalavglcerigidnsiitqkkfdgkklekltldlpthkdaleevvkaltd  
defgvikdmgeinavghRvvhggekfttsalydegvekaikdcfelaplnhpnpmmgisacaeimpgtpmviv  
fDtafhqtmpppyaymyalpydlyekhgvrkygfhgtshkyvaeraalm l gkpaeetkiitchlgnGssitave  
ggksvetsmgftpleglamgtRcgsidpaivpflmekeglttreidtlmnkks gvlvgsglsndfrldleaas  
kgnrkaelaleifaykvkkfigeysavlngadavvftagigensasirkriltgldgigikiddeknkirgqe  
idistpdakvrvfviptneelaiaretkeivetevklrSSIPV

>1CZF\_A

mhsfasllayglvagatfasaspieardsctfttaaaakagkakcstitlnnievpagttldltgltsgtkvi  
fegttt f qyeewagplismsgehitvtgasghlincdgarwwdgkgtsgkkkpkffyahgl dsssitglnikn  
tplmafsvqanditftdvtinnadgdtqgg hntDafdvgnsvgvniikpwhnqDDclavnsgeniwftggtc  
iggHgl sigsvgdrsnvkvntiebstvsnsenavriktisgatgs vseitysnivmsgisdygvviqqdye  
dgkptgkptngvtiqdvklesvtgsvdsgateiyllcgsgscsdwtwddvkvttggkstacknfpsvasc

>1DNK\_A

lkiaafnirtfgetkmsnatlasyivrivrrydivliqevrdshlvavgklldylnqddpntyhyvvseplgr  
nsykErylflfrpnkvsldtyqyddgcscgndsfsrepavvkfsshstkvkefaivalHsapsdavaeins  
lydvyladvqqkwhlndvmlmgdfnadcsyvtssqwssirlrtsstfqwlipdsadttatstncayDrivvags  
llqssvvpgsaapfdqaaayglsemalaisdHypvevtlt  
>1CHK\_A  
agaglddphkkeiamelvssaEnssldwkaqkykiedigDgrgytggiigfcsgtgdmlelvqhytdlepgni  
lakylpalkkvngsashsglgtptkdwataakdtvfqqaqnderdrvyfdpavsqakadglralggfayyda  
ivmhgpgndptsfggirkrtamkkartpaqggdettynlgnfldarkaamlteaahddtsrvdteqrvflkagnl  
dlnpplkwktygdpyvins  
>12AS\_A  
mktayiakqrqisfvkshfsrqleerlglievqapilsrvvgdtqDnlsgaekavqvkvkalpdaqfevvhsl  
akwkrqtlgqhdfsageglythmkalRpdedrlsplhsvyvdQwdwervmgdgerqfstlkstveaiwagika  
teaavseeffglapflpdqihfvhsqellsrypdldakgreraiakdlgavflvgiggklsdghrhdrapdyd  
dwstpselghaglngdilvwnpvledafelssmgirvdadt1khqlaltgdedrlelewhqallrgempqtig  
ggigqsrltml11qlphigqvqagvpaavresvps11  
>1B6B\_B  
nefrcltpedaagvfeiereafdevqhftlcpelslgwfvegrlvafiigSlwdeerltqeslaLhrprghs  
ahlHaLavhrsfrqqgkgsvllwrylhvgaqpavrravlmcedalvpfYqrfghpagpcaivvgs1tftem  
hcs1rghaal  
>1F8X\_A  
mpkktiYfgagwftdrqnkaykeamealkenptidlensyvpldnqykgirvdehpeylhdkvwatatynnDl  
ngiktndimlgvyipdeeDvg1gmElgyalsqgkyvllvipdedygpkn1mswgvsdnvikmsqlkdfnfkn  
prfdfyegavy  
>1FCB\_A  
epklmknkqkispavakhnkpddcwvingyvydltrflpnhpggqdvikfnagkdvtai fep1hapnvidk  
yiapekklglplqgsmppelvcppyapgetkedi arkeqlks1lpldniinlydfeylasqtltkqawaYyss  
gandevthrenhnayhriffkpkilvdvrkvdistdmlgshvdpfyvsatalcklgnplegekdvargcgqg  
vtkvpqmistlascspeeieaapsdkqiqwyqlYvnsdrkitddlvknveklgvkal fvtvDapslgqrek  
mklkfsntkagpkamkkt nveesqgasralskfidspltwkdieelkkktklpivikgvqrte dvikaaeigv  
sgvvl snHggRqldfsrapievlaetmpileqrnlkdklevfdvggvrgrtdvlkalclgakgvglgrpflya  
nscygrngvekaieilrdeiemsmrllgvtsiaelkpd1ld1stlkartvgvpndvlynevyegptl tefeda  
>1GCU\_A  
mdaepkrkfgvvvvgvgragsvrlrdlkdprsaaf1n1ligfvsrrelgsldevrqisledalrsqeidvayic  
sessshedyirqlfqagkhvlvEYpmtlsfaaaqelwelaakgrvlheEhvEllmeefeflrrrevlgkellk  
gslrftaspleeerfgfpafsg1SRltwlvslf1gelslisatleerkedqymkmtvqletqnkgllswieekg  
pglkrnryvnf1qftsgsleevpsvgvnkniflkdqdifvqklldqvsaedlaaekkrimhclglasdiqklch  
qkk  
>1CA2\_A  
hwgygkhngpehwhkdfpiakgerqspvdidthtakydpslkplsvsydqatsl rilnngHafnvefddsqdk  
avlkggpldgtyrliqfhhfhwgsldgqgsEhtvdkkkyaaelhlvhwnntygdgfkavqgpgdlavlgiflkv  
gsakpglqkvvdvldsiktkgksadftnfdprgllpesldywtypgslTtppllecvtwivlkepisvsseqv  
lkfrkl nfngegepeelmvdnwrpaqplknrqikasf  
>1GSA\_A  
miklgivmdpianinikkdssfam1leaqrrgyelhymemgdlylingearahtrtl nvkqnyeewfsfvgeq  
dlpladldvilmrkdppfdtefiyatylileraeekgtlivnkpqslrdcneklftawfsdlt petlvtrnkaq  
lkafwekhsdiilKpldgmggasifrvkegdpnlgviaetltehtrycmaqnylpaikdgdkRvlvvdgepv  
pyclaRipqggetrgnlaaggrgeprpltesdwkiarqigptlkekg1ifvgldiigdr1teinvtsptcire  
ieaefpvsitgmlmdaiearlqqq  
>1CGK\_A  
mvsvs1irkaqraegpatilaigtanpancveqstypdfykitnsehk1telkekfqrmcdksmikrrymylt  
eeilkenpnvceymapsldarqdmvvvevprlg1keaavkaikewgqpskithlivcttsgvdmppgadyqltk  
llglrpyvkrymm1yqqgCfaggtvlrlakdlaennkgarvlvvcsevtavtfrgpsdthldslvggalFgdga  
aalivgsdpvpeiekpifemvwt1aqt1iapdsegaidghlreagltfhl1kdvpgivsknitkalveafep1gi

sdynsifwiaHpggpaildqveqklalkpekmatrevlseygNmssacvlfildemrkkstqnglktteggl  
ewgvlfkgpggtietvvlrsvai

>1KEZ\_B

ssalrdgyrqagvsgrvrsyldllaglsdfrehfdgsdgfsldlvdmadgpggevtviccagtaaisgpheftr  
lagalrgiapvravpqpgyeegelpssmaavaavqadavirtqgdkpfvvaghSAgalmayalatelldrgh  
pprgvvliDvyppghqdamnawleeltatlfdretvrmdtrltalgaydrltgqwrpretglptllvsagep  
mgpwpddswkptwpehdtvavpgdHftmvqehadaiarhidawlggg

>1EQ2\_A

miivtggagfigsnivkalndkgitdilvvdnlkdgtkfvnlvdlniadymdkedfliqimageefgdveaif  
hegacssttewdgkymmdnnyqyskellhyclereipflyasSaatyggrrtsdfiesreyekplnvYgysKfl  
fdeyvrqilpeansqivgfryfnvygpreghkgsmasvafhlntqlnngespklfegsenfkrdfvyvgdvad  
vnlwflengvsgifnltgtraesfqavadatlaihkkqgieyipfpdklkgrygqftqadltnlraagydkpf  
ktvaegvteymawlnrda

>1D08\_A

ikekgkpllnprtnkgaftrlqerqlglqglppkietqdiqalrfhrnlkktsplekyyigigerneklfyr  
ilqddieslpivYtptvglacsqyghifrrpkglfisisdrghvrsivdnwpenhvkavvtdgerilglgdl  
gvyggipvgKlclytacagirpdrclpvcidvgtndiallkdpfyglyqkrdrtdqyddldefkaitdrygr  
ntliqfedfghnnafrflrkyrekycftnDdiqgtaavalagllaaqkviskpisehkilflgagaaalgian  
livsvenglsegeaqqkiwfdkygllvkgrkakidsyqepfthsapesipdtfedavnilkpstiigvagagr  
lftpdviraasinerpvifalsnptaqaectaeeytltegrclfasgspfgpvkltdgrvftpgqgnnvyyif  
pgvalavilcntrhisdsvfleaakaltsqltdeelaqgrlypplaniqevsiniaikvteylyankafrype  
pedkakyvkertwrseydsllpdvyewp

>1F6D\_A

mkvltvfgrpeaikmaplvhalakdpffeakvcvtaqhremldqvlklfsivpdydlnimqpggglteitcr  
ileglkpilaefkpdvvlvhgDtttlatatslaafyqripvgvhvEaglrtdglyspwpEeanrtltghlamyhf  
sptetsrqnlrenvadsrifitgntvidallwvrdqvmssdklrsealaanypfidpdkkmilvtgHrresfg  
rgfeeichaladiatthqdiqivypvhlnpnvrepvnrlghvknvilidpqeypfvlwmnhawliltldsgg  
iqeeapslgkpvlvmrdtterpeavtagtvrlvgtdkqriveevtrllkdeneyqamsrahnpygdgqacsri  
lealknnrisl

>1HTO\_X

tektppddvfkakdekveyvdvrfcdlpgimqhftipasafdksvfddglafDgssirgfgsihesdmlllpd  
petaridpfraaktlninffvhdpftlepysrdprniarkaenylstgiadtayfgaeafyifdsvsfdsr  
angsfyevdaaisgwwntgaateadgspnrgykvvrhkggyfpvapndqyvdlrdkmltnlinsgfilekghhev  
gsgggaeeinyqfnsllhaaddmqlykyiikntawqngktvtfmpkplfgdngsgmhchqslwkdgaplmydet  
gyaglsdtarhyiggllhhapsllaftnptvnsykrlypgyEapinlvysqrnRsacvripitgsnpkakarle  
frspdssgnpylafsamlmagldgiknkiepqapvdkdlyelppeeaasipqtptqlsdvidrleadheylte  
ggvftndlietwisfkreneiepvnrphpyefallydv

>1DLI\_A

mkiavagsgyvglslgvllslqnevtivdilpskvdkinnlspiqdeyieyylkskqlsikatldskaayke  
aelviiatptnynsrinyfdtqhvetvikevlsvnshatliiksTipigfitemrqkfqt driifspeflrEs  
kalydnlypsriivsceendspkvkadaekfalllksaakknnpvlimgaseaeavKlfaNtylalrvayfn  
eldtyaesrklshmiiqgisyddrigmhynnpstfgygyClpkDtkqllanynnipqtlieaivssnnvrks  
yiaqiinlvkegespvkvvgvyrlimksnsdnfresaikdvidilkskdikiiiyepmlnklesedqsvlvn  
dlenfkkqaniivtnrydnelqdvknkvysrdifgrd

>1098\_A

mskpkpvaliildgfalrdeetygnavaqankpnfdrywneyphttlkacgeavglpegqmgnSevghlnigagr  
ivyqsltriniaairegefdrnetflaamnhvkqhgtslhlfgllsdggvhshihhlyallrlaakegvrkvyi  
hgfldgrDvgpqtapqyikelqekikeygvgieatlsgryyssmdrdrkrdrvekarayramvygegptyrdplec  
iedsykhgiydefvlpsvivredgrpvatiqndaiifynfRpdraiqisntftnedfrefdrpgkphkhlff  
vclthfsetvagyvafkptnldntigevlsqhgrrqlriaetkeyphvtffmsggreedfpgedrilinspkv  
ptydlkpemsayevtdallkeieadkydailnyanpdmvghsgkleptikaveavdeclgkvvdailakggi  
aiitadghnadevltpdgkpqtahttnpvpvvtkkgiklrdggilgdlaptmldllglpqqkemtgsklivk  
>1YTW\_A

mrerphtsghhgagearatapstvspygpearaelssrltltlrntlapatndprylqacggeklmrfrdiqcr  
rqtavradlnanyiqvgnttrtiacqyplqsqleshfrmlaenrtplavlasssEianqrfgmpdyfrqsgty  
gsitveskmtqqvgldgimadmytltireagqktisvpvvhvgnwpDqtavssevtkalaslvdqtaetkrn  
myeskgssavaddsklrpviHCragvgRTaqligamcmndsrsqslsvedmvsqmrqvgrngimvqkdeqldv1  
iklaegggrpllns

>1HRK\_A

rkpktgilmlnmggpetlgdvhdfllrlflldrdlmtlpinqklapfiakrltpkiqueqyrriggspikiwts  
kqgegmvklldelsptaphkyyigfRYvhplteeaieemerdgleraiiaftqypqyscsttgsslnaiyryy  
nqvgrkptmkwstidrwpthhlliqcfadhilkeldhfplekrsevvilfsaHslpmsvvnrgdpypqevsat  
vqkvrmerleycnpyrlvwqskvgpmpwlgpqtdesikglcergrknillvpiaftsDhiEtlyEldieysqvl  
akecgvenirraeslngnplfskaladlvhshiqsnelcskqltltscplcvnpvcretksfftsqq1

>2PGD\_A

aqadialiglavmgqnlilnmndhgvvcnafnrtvskvddflaneakgtkvlgahsleemvsklkkpriill  
vkaggavdnfiekvlplldigdiidggmseyrtdmrrcrdlkdkgilfvsgsvsgGedgarygpslmpggknk  
eawphikaifqgiaakvggtgepcddwvgddgaghfvKmvhNgiEygdmlliceayhlmkdvlglghkemakaf  
eewnkteldsflietasilkfquadgkhllpkirdsagqkggtgkwtaisaleygvptligeavfarclssl  
kderiqaskklkgpqnipfegdkksfledirkalyaskiisyaggfmlrqaatefgwtlnyggialmwrggc  
iirsvflgkikdafdrnpglqnlllddfksavencqdswwraistgvqagipmpcfttalsfydgyrhamlp  
anliqaqrdfygahtyellakpgqfihtnwtghggsvsyssyna

>1Z9H\_A

lqltlyqYktCpFCskvrafldfhalpyqvvevnpvlraeikfssyrkvpilvagegessqq1ndssviisal  
ktylvsgqpleeiityppamkavndqgkevtefgnkywlm1nekeaqqvyvgkearteemkwrqwaddwlvl  
ispnvyrtptealasfdyivregkfgavegavakymgaaamy1iskrlksrhrlqdnvredlyeaadkwaav  
gkdrpfmggqkpnladlavvgvlrmegldafddlmqhthiqpwy1rveraitea

>1KAS\_A

skrrvvvtglgmlspvgntvestwkallagqsgis1idhfdsayatkfaglvkdfncediisrkeqrkmdaf  
iqygivagvqamqdsgleiteenatriganigsgigglglieenhtslmnggprkisppffvpstivnmvagh1  
timyglrgpsisiataCtsgvhnighaariiaaygdadvmvaggaeastplgvvggfgaaralstrndnpqaas  
rpdwkerdgvflvgdgagmlvleeyehakkrgakiaaelvgfgmssdayhmtspengagaalamanalrdagi  
easqigyvnaHgtstpagdkaeavktifgeaasrvlvsstksmtgHllgaagavesiysilalrdqavppt  
inldnpdegcdldfvphearqvsgmeytlcnsfgFggtnsgslifkki

>1N2C\_C

msreevesliqevlevypekarkdrnkhlavndpavtqskkciisnkksqpglmtirgCayAgskgvvwpik  
dmihishgpgvgcgqysragRrnyyigtgtvnaftvmnftsdfqekdivfggdkklaklidevetlfp1nkgis  
vqseCpigLigddiesvskvkgaelstivpvrcegfgrgvsqslgHhiandavrdwvlgrkredttfastpyd  
vaiigdyniggdawssrilleemglrcvaqwsdgdsiseieltpkvklnlvhcyrsmnyisrhmeekygipwm  
eynffgptktieslraiaakfdesiqkkceeviakykpeweavvakyrprlegkrvmllyigglrprhigaye  
dlgmevvgtgyefahnddydrtmkemgdstllyddvtgyefee1vkrikpdligsgikekfifqkmgipfrem  
hswdysgpyhgfdgfai1fardmdmtlnnp1cwkk1qapwea

>1H7A\_A

srvfptqrdlmagivskhiaknmvpsfimkahesgiihvhdidyspalpftnCclvdlkgmlengfklgnaqi  
etpksigvataimaqitaqvashqyggttfanvdkvls1pyvkrtiyakhiedaekwqiadalnyaqsktekdvy  
dafqayeyevntlfssngqtpfvttitfgtgdwtermiqkailknrikglgrdgitpifpklvmfveegvnly  
kddpnydikqlalecaskrmypdiiisaknnkaitgssvpvpsmgCrsflsvwkdstgneildgrnNlgvvtln  
lprialdsyigtqfneqkfvelnfnermdlcfealmcriss1kgvkatvapilyqegafgvrlkpdddielfk  
ngrssvslgyigiheln1lvgrdigreiltkmnah1kqwertgafslystpaEnlcyrfckldtekygsvk  
dvt1dkgwytnsfhvsveenitpfekisreapyhfiatgghisyvelpdmknn1kgleavwdyaaqhldyfgvn  
mpvdkcftcgsthemtptengfvcsicgetdpkkmntirrtcAylgnpnerg

>1BIB\_A

mkdntvplkliallange1hsgeqlgetlgmsraa1inkhiqtlrdwgvdvftvp1gkgyslpepiqllnakqil  
gqldggsav1lpvidstnqyll1drigelksgdaciaeyqqagrgRrgrkwf1spfganlylsmfwrleqgpaa  
ig1slvigivmaevl1rklgadvrvkwpnd1ylqdrKlagilvel1tgktgdaaqivigaginmamrrveesv  
nqgwit1qeaginldrntlaamlirelraale1feqeglapylsrwekl1dnfinrpvkl1igdk1eifgisrgi  
dkqgall1leqdg1iikpwm1ggeislRsaek

>1PYM\_B  
vkkttklqlnksdlefieahnglsarivqeagfkgiwgsGLsvsaqlgvrDsneaswtqvvevlefsdasdv  
pilldadtgygnfnnarrlvrkledrgvagacledklfpKtnslhdgragpladieefalkikackdsqtdpd  
fcivarveafiagwgldealkraeayrnagadailhskkadpsdieafkawnnqgpvvivptkyyktptdhfr  
dgvsviwanhnrlasvsaiqqttkqiyyddqslvnvedkivsvkeifrlqrddelqvqaedkylp  
>1M9C\_A  
mvnptvffdiavdgeplgrvsvfelfadkvpktaenfralstgkkgfgykgscfhRiipgFmcQggdftrhngt  
ggksiygekfedenfilkhtgpgilsmaNagpntngsqfFictaktewLdgkhvvfgkvkegm niveamerfg  
srngktskkitiadcggle  
>2DLN\_A  
mtdkiavllggtSaErevslnsgaavlaglreggidaypvdpkvdtqlksmgfqqkvfialhgrggedgtlq  
gmlelmglpytgsgvmasalsmdklrskllwqgaglpvapwvaltraefekglSDKqlaeisalglpvivkps  
regSsvgmskvvaenalqdalrlafqhdeevliekwlsqpeftvailgeeilpsiriqpsgtfydyeakYlSd  
etqyfcpagleasqeanlqalvlkawttlgckgwRidvmldsdgqfyllantSpGmtshslvpmaaraqgm  
sfsqlvvrilelad  
>2A86\_B  
aipa fhpgelnvysapgdvadvrsalrltgrrrmlvptMgalHegHlalvraakrvpgsvvvvsifvnpmqfr  
tpdddlaqlraegveiaftpttaamypdglrttvqpgplaaeleggprpthfagvltvvklklqivrpdrvff  
geKdyqqlvlirqlvadfnldvavvgvptvreadglamSSRnryldpaqraaavalsaaltaaahaatagaqa  
aldaaravldaapgvavdylelrdiglgpmp lngsgrllvaarlgttrlldniaieig  
>1SES\_B  
mvdLkrlr qepevfhrairekgvaldleallaldrevqelkkrlqevqternqvakrvpkappeekealiarg  
kalgeeakrleealrekearleallqvplppwpgapvggee anreikrvggppefsfppldhvalmekngww  
eprisqvsgrsyalkgdlalyelallrfamdfmarrgflpmtlpsyarekaflgtghfpayrdqvwaiaetd  
lyltgtaevvlnalhsgeilpyealplryagyapafRsEagSfgkDvrglmRvhqfhkveqyvltasleasd  
rafqellenaeelrllelpyrlvevatgdmgpgkwrqvdi evylpsegryrethscsalldwqarranlryr  
dpegrvryaytlnntalatprilamllenhqlqdgrvrvpqalipymgkevlepcg  
>1OK4\_J  
nltekflrifarrgksiilayDhgiehgp adfmdnpdsadpeyilrlardagfdgvvfqrgiaekyydgsvgl  
ilkln gkttlyngepvs vancsveeavslgasavgytiypgsgfewkmfeelarikrdavkfdlplvvwsYpr  
ggkvvnetapeivayaarialelgadamKikytgdpktfswavkvagkvpvlmsggpktkteedflkqvegl  
eagalgiavgrnvwqrrdalkfaralaelvy  
>1NN4\_A  
hhhssgltprgsqmkkiafgcDHvgfilkheivahlvergvevidkgtwssertdyphyasqvalavaggevd  
ggiliCgtgvgisiaankfagiravvcsepysaqlsrqhndtnvlafgsrvvglelakmivdawlgayeggr  
hqqRveaitaieq  
>1W1O\_A  
mavvyllllaglicshalaagtpal gddrgrwpaslaalaldgklrtdsnataaaastdfgnitsalpaavl  
ypsstgdlvallsaanstpgwpytiafrgrgHslmgqafapggvvnmaslgdaaapprinvsadgryvdagg  
eqvwidvlraslargvaprswtDylyltvggtlsnagisgqaf rhgppqisnvlemdvitghgemvtcskqlna  
dlfdavlgglgqfgvitrariavepapararwrvfytdfaafsadqerltaprpgggggasfgpmsyvEgsvf  
vnqslatdlantgfftdadvarivalagernattvysieatlnydntataaaaavdqelasvlgltlsyvegfa  
qrdvayaafldrvhgeevalnklglwrvphpwlnmfvrpsriadfdrgvfkgilqggtdivgplivyplnksw  
ddgmsaatpsedvfyavsl lfssvapndlarlqeqnrrilrfcdlagiqyktylarhtdrsdwvrhfgaakwn  
rfvemknkydpkrllspgqdifn  
>1ALD\_A  
pyqypaltpeqkkelsdiahrivapgkgilaaDestgsiakrlqsigtenteenrrfyrqllltaddrvnpci  
ggvilfhetyqkaddgrpfpqvikskggvgikvdkgvvplagtngetttqgldglsercaqykkgdgadfak  
wrcvlkigehtpsalaimenanvlaryasicqqngivpivEpeilpdgdhdkrcqyvtekvlaavykalsdh  
hiylegtllKpnmvtpghactqkfsheeamatvtalrrtvpavtgitflsggqseeeasinlna inkcpll  
kpwaltfsygralqasalkawggkknkkaa qeeyvkralanslacqgkytspggagaaaaseslfvsnhay  
>1Q6L\_B

slpmlqvaldnqtmdayettrliaeevdiievgtTilcvgegvravrdlkalyphkivladaKiaDAgkiLsr  
mcfeanadwvtviccadintakgaldvakefngdvqiEltgywtweqagqwrdagigqvvyHrsRdaqaagva  
wgeaditaikrlsdmgfkvvtvtgglaledlplfkkipihvfiagrsirdaaspveaarqfkrsiaelwg

>1DE6\_A

tqlegawelakqrfaavgidveealrqldrlpvsmlhcwqgddvsgfenpegsltggigatgnypgkarnasel  
radlegamrlipgpkrlnlhaiylesdtpvsrdqikpehfknwvewakanqlgldfnpscfsphlsadgftls  
haddsirqfwidhckasrrvsayfgeqlgtpsvmniwipdgmkditvdrlaprqrllaaldeviseklnpahh  
idavesKlfgigaesytygsnefymgyatsrqtalcldagHfhptevisdkiisaamlyvpqlllhvsrpvrwD  
sdhvvllddetqaiaseivrhdlfdrvhigldffdasinriaawvigtrnmkkallralleptaerlkleapg  
dytarlalleeqkslpwqavwemycqrhdtpagsewlesvrayekeilsrr

>1DI1\_A

tpptqwsylchprvkevqdevdgyflenwkfypsfcavrtfldakfsevtclYfplalddrihfacrlltvlF  
liddvlehmsfadgeaynnrlipisrgdvlpdrtkpeefilydlwesmrahdanelanevleptfvFmraqtdr  
arlsihelghyleyrekdvqkallsalmrfsmgrlrsadelqdmkaleancakqlsvvndiysydekeeeasrt  
ghkegaflcsavkvlaeesklgipatkrvlwsmtrewetvhdeivaekiaspdgcseaakaymkgleymsgn  
eqWskttr

>1L7N\_B

ekkkklilfDFDStlvnnetideiareagveeevkkkitkeagklnfeqslrkrvslldkpiekvekaikri  
tptegaeetikelknrgyvavvsGgfdiavnkikeklgldyafanrlivkdgkltgdvegevlkenaKgeil  
ekiakieginledtvavgdganDisfkkaglkiafcakpilkekadiciekrdlreilkyyik

>1BD0\_A

mndfhrdtwaevldldaiydnvenlrrllpddthimavvKanayghgdvqvartaleagasrlavafldaal  
rekgieapilvlgasrpadaalaaqgrialtvfrsdwleeasalysgpfpihfhlkmdtgmgrlgvkdeeetk  
rivalierhphfvleglythfatadevntdyfsyqytrflhmlewlpsrpplvhcansaaslrfpdrftnmvr  
fgiamyglaspqgikpllpypplkeafslhsrlvhvkkklqpgekvsYgatytateewigtipigyadgwlrrl  
qhfhvlvdgqkapivgriCmdqcmirlpgplpvgtkvltligrqgdevisiddvarhletinyevpctisyrvp  
riffhrkrimevrnaigagessa

>1B6T\_A

mqkraiypgtfdpitngHidivtratqmfhdvilaaaspskkpmftleervalagqatahlgnevvgfsdl  
manfarnqhatvlirglRavadfeyemqlahmnrhlmpesvflmpskewsfisSslvkevarhqqgdvthfl  
penvhqalmakla

>1DJL\_B

pmeisgthteinldnaidmireansiiitpgYglcaakaqypiadlvkmlteqgkkrvfgihpvagRmpgqln  
vllaeagvpydivlemdeinhdfpdtldvlvigandtvnsaaqedpnsiiagmpvlevwkskqvivmkrslgv  
gYaavdnpiifykpntamllgdakktcdalqakvres

>1QFE\_B

mktvtvknliigegmpkiiivslmgrdinsvkaealalayreatfdilewrvdhfmdiaastqsvltaarvirdamp  
dipllftfrsakEggegtittqhytltnraaidsglvdmiddleftgdadvkatvdyahahnvyvmsnHdfh  
qtpsaeemvsrlrkmqalgadipKiavmpqskhdvltlltatlemqqhyadrpvitmsmakegvisrlagevf  
gsaatfgavkqasapggiaavndlrsvlmilhna

>1P7M\_A

mercgwvsqdpilyiaYhdnewgvpetsdkklfemiclEgqqaglsWitvlkkrenyracfhqfdpvkvaamqe  
edverlvqdagiirhrqkiqaiignaraylqmeqngpepfadvwsfvnhqppmtqattlseiptstpasdals  
kalkkrqgfkfvgtticysfmqacglvndhvvgccypgnkp

>1DQR\_A

aaltrnpqfqklqqwhrehgselnrlhlfddtderfnhfsltlntnhghilldysknlvteevmhmlldlaks  
rgveaaresmfngekinstedravlhvalnrnsntpivvdgkdvmpevnkvldkmkafccqrvrsgdwkgytgk  
titdvinigiggsdlgplmvtealkpyssggprvwfvsnidgthiaktlaclnpesslfiiasKtfttqEtit  
naktakdwfllsakdpstvakhfvalstntakvkefgidpqnmfefwdwvgGRyslwsaiglsialhvgfdnf  
eqllsgahwmdqhfrttpleknapvllamlgiwyincfgcetqavlpqdqylhrfaayfqqgdmEsngkyitk  
sgarvdhqtgpivwgepgtngqHafyqlihgqtkmipcdflipvqtqhpirkglhkillanflaqtealmkg  
ksteearkelqaagkspedlmklphkvfegnrtpsivftkltpfilgaliamyehkifvqgvwdinsfdq  
wgvelgKqlakkiepelddgsspvtsdssstnglinfikqqreakiq

>1FQ0\_A



mknwksaesilttgppvvpvivvkklehavpmakalvaggvrvlEvtlrtecavdairaiakevpeaivgagt  
vlnpqqlaevteagaqfaispglteplllkaategtiplipgistvselmlgmdyglkefKffpaeanggvkal  
qaiagpfsqvrfcptggispanyrdylalksvlciggswlvpadaleagdydritklareavegakl

>1CVR\_A

ytpveekengrmivivakkyegdikdfvdwknqrglrtevkvaediaspvtanaiqqfvkqeyekegndltyv  
llvgdhkdipakitpgiksdqvyggivgndhynevfigrfsceskdlktqidrtihyernittedkwlgqal  
ciasaEggpsadngesdiqhenvianlltqygytkiikcydpgvtpkniidafnggislvnytgHGsetawgt  
shfgtthvkqltnsnqlpfifdvaCvngdflfsmpcfaealmraqkdgkptgtvaiiastidqywappmrgqd  
emneilcekhpnnikrtfggvtmngmfamvekykkdgenmldtwtvfgdpsllvrtlvptemqvtapanisas  
aqtfevacdyngaiatlstdgdmvgtaivkdgkaiiklnesiadetnltltvvgynkvtkvdkvvegts

>2TDT\_A

mqqqlqnviesaferraditpanvdtvtreavnqviglldsgalrvaekidgqvwthqwlkkavllsfrindnk  
vmdgaetryydkvpmkfadydearfqkegfrvppatvrqgafiarntvlmpsyvni gayvdegmtvDtwatv  
gscagigknvhlsggvigGvlEplqanptiiedncfigarsevvegveegsvismgvylggstriydret  
geihygrvpagsvvvsgnlpskdgsyslycavivkkvdaktrgkvginellrtid