## QUERY

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AQLEDCATSKNFAKRSPPYLALQQTLDQANNRFKRYSD DTSGLTPCKDSPAYAKRSPPALALQDQLERTKVRFERYGN DVAGLTPCSESPRFDQRAEAAATPQA KARFENYSQ SQLVPCSESPIAFQALAEDALPTTGDPESGKKRFERYSQ NLTPCSENPAYQQKSKNFLNTTNDPLSGQKRAERYAE LADLVPCSESPAFQERAANARNTTADPMSGKKRFERYSQ NGLTLCADNARFQERASSA STAKDIIARFERYSK LSHLTPCSESAAYKQRAKNFRNTTADPNSGQNRAAAYSE D SGLTPCKESKQFAKRSAPALA DKATDEKTERRFDNYGK DFANLTPCSENPAYロAKSKNFLNTTNDPNSGKDRAERYAS DVAGLEPCRESKAFAKRपNNSVA DQKQПDKTKMRFDKYGK PCSESPEFDQRAASARNTTSDPNSGQKRFERYAQ
DV
SGLT ANCSESPAFQERVQAARATNFDPASGEKRFERYSQ DFANLTPCSESPTYQTKAKNFRNTTGDPNSGENRAERYSQ DVAGLTPCNESSVFTKRMPPSLALEQQHKRTQQRFKRYSD
 LTPCQQSEAFHKRSPSYLALQSQUDQVHKRFDKYGT DVAGLTPCKDSTAFSKRLPPALALKEQVNKTKIRFNKYSK NLTPCSESAAFAQRAKSSTSSTAP QRYEFYAK D ${ }^{\text {GGLVPCSESPKOERAAKARNTADPNSGQKRFEMYSS }}$ DVAGLTPCSESKAFAKLSAPALALQATMAKTERRFDNYSK DTSGLTKCEESPAFTKRLPPAIALQTQIAKTKLRFEKYAK EVAGLIPCKDSAAFNKRMPPALALNKQIEKTKTRFATYGR DVSGLVPCKDSAVFKKRQAGSVALQEQUAKTDARFDKYGK NLTPCSDNPAFVQKAKNAKTHA AGLTPCKESKAFAKRSAPALARQATIEKTKRRFENYGK DVAGLVPCKDSKEFSRRLPPYLALQKSAETTKDRFDRYAK DVSGLTPCKDSKAFAKRSAPALALKASUEKTKKRFDNYGK NVAGLTPCGQNEAF田KRAAGATTMASAKARFDFYSS DLNHLTPCGSSAAFKDNLASRVADQATDARTKARFDSYGK EFNN D $\square$ SGLTPCKESKQFAKRSAPALALIKAT EKTKRRFDNYGK

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SALVSCADNPRFQERASTASTDQA DVAGLVPCNESAAFQKRAAAAPTDEA QKDKARFEFYGN ANLTPCKDTPAFQELIAANARNTTSDPEGGKKRFERYSQ DIAGLTPCAENARFQQRASAA DTPQA\｜ARFDRYSK GLKPCSEVPAFQALMAMAPVYQQKLDATSKRFERYSK LVPCKESKLFLDRQNSAPDTYYF NQPYKAYSE FNALTPCATSSAYQERLQPAEYLKGKDAQTEARFAKYAN LPCGSSQAFAPNSAPAQYLKGKITAAQERYSKYST
LVPGGESAFVERVQSA DVAGLTLCADSPRFQERAAA AATEQAKARFSMYSQ DVAGLTKCKDSAAFAKRSAPADA DNATDEKTKRRFKFYGD HLVPCASSPAFNERMQNA PEGYYFDTPYQSYAN MTALTPCSDTPAFTQRQSDRVAAKKQ $\square$ ARTNARFDRYGS AAF DARAEAAATPQA METEARFESYAS PCKDSPAFKELAKNAVSTNGDPASGKARFERYSE DVAGLVPCKNSKEFQRRDPPYDALEAQUNKTKNRFTQYGN
$\square K \square C K D V P A Y Q R$ LEAAQKAQADGAGTKQKFERYDT PCSESSVFQQRAKTSTSVAANPAQAKARFERYSQ


 HLLEPCKDNKKYHKK $\square K D Q \| Y K \emptyset T N U A G V Q R R E E A Y G D$ $N$ NTRCGDNPVFVQRMKDSTS ASAQRRFEQYSD NLTMPCSDSAAFQENDSNSVADQGKDDATKARYAAYAD $D \square G G L N P C K D S E V F Q K R \square P P Q U A \square Q Q Q \square N Q T K Q R F T R Y S N$

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GRSY LDRTGD $\quad E M K E L N D D V P L A D T C M A S G F S W P V A A$ GRSYLNEDSWGTNRDEAEYII NI PLATRVMFNSLWWLVLF GRSYL QAVKKTGKPEENEII I NVPLADSCMLGAALWPLLA GRDYLRKARASGNATQKEII I DVPTALGVMLPGFIWPVAA QLSDPHQQELTSTSPGGLDCMASGFSWPVAA
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