UniRef90 Q12X5 UniRef90_D5E6X5 UniRef90-NOBDW4 UniRef90_Qowoy3 UniRef90_A3CT744
UniRef90 - OKV28 UniRef90- Q8PZ11 UniRef90-D1YYF8 UniRef90-F7XPR9 UniRef90-B8GEX7 UniRef9-AOB716 UniRef90-A71612 UniRef90 F2KNL1 UniRef90-UPIO0036229E2 UniRef90-D1JH3 UniRef90-Toz272 UniRef90_E1RFK8 UniRef90-D2REQ8 UniRef90-R9TC22 UniRef90_B5IBL7 UniRef90_J1L1G9 UniRef90-A2ST79
UniRef90 M9SGR UniRef90-M1XLG7 UniRef90-M0MV47 UniRef90-LOHHZ1 UniRet90_UPI00037FB5D0 UniRef90-M4YIW8 UniRef90-D8J3S0
UniRef90 H1YYS5 UniRef90 C7NZB2 UniRef90-M7TDX1 UniRef90-MOM811
UniRef90 E7QXY7 UniRef90-F7PK06 UniRef90-U3A762
UniRet90 UniRef90- 0.1737 UniRef90-UPIo0029A50AB UniRef90-FOLM50 UniRef90-D3RY25 UniRef90 L9W713 UniRef90_MOLP60
UniRef90 FOTAB5 UniRef90-Q5UYF6 UniRef90-LoAF84 UniRef90-F8AFP3 UniRef90-E3GWR2 UniRef90 M1 MC30 UniRet90 F4HMH2 UniRef90-O07118 UniRef90-U1QC21 UniRef90-MOD6G7 UniRet90-L9WYF1 UniRet90_U1QSI5 UniRef90_D3SUK5 UniRef90_U1N1G99 UniRef90-MOMYS7 UniRef90-U6EDV4 UniRef90-WOJZB8 UniRet90_G2MGT4 UniRef90_J3JGE4
UniRef90_R4W695 UniRet90_MOMES3 UniRet90_A6UVSO UniRef90-U1P123
UniRef90 V4ZJX6 UniRef90-BoR7C0 UniRef90-D6GWX1 UniRef90-F6D3V44 UniRef90-B6YXU4 UniRef90-LOIA54 UniRef90-TMZK55 UniRef90_GoQ9v9 UniRef90-M01HK5 UniRef90-F6BCQ4 UniRe990 D5VSF UniRef90-B1L6Z5 UniRef90_Q2NGK3 UniRef90 MOD2U7 UniRef90-A3DN76
UniRef90 U101C0 UniRef90-D5U1U0 UniRef90_-V4ZU51
UniRef90-x1PBP9

STYYFVEDRDRGNKVKIQGEFLLTKKPYLPISERK
$\qquad$
 NFDIKYVVFKDLRERGFVVKPEGSFDLRVYMVCAVSERAA DCVVRFLVYKDFRERGFYLSPAREGWVDADVVYPVAYRVR NFDIFYLVYRDLRDRGYVLEVRDTHFRGRKNYYPMSDMDY NFWIKYCVFSDLRNRGYIVKFGADFRVAKWIVYPVKESSS FDIKYRVFKDLRERGFIVKPEGSFDLRVYPVCAVSERSS


DRFVYKDFRERGFYLS ASRFVVYADLRERGFYLSPDREGWVSDFVVYPVLYRIR FSTRFLVYMDLRDRGFYLSPAREDWVADFVVYPIAYRVR
D
FAVVYGVYADLRORGFYLSPARDPWDGKYALQVLGERES FDAKYLVYKDLRDRGYTVKSGLKFGHSRWLVWVVPENKT FDLKKLVYKDLRDRGYVVKTGSHFRVS LTEYFVFERLRESGKKVRFGE

保 YIVYRDLRNRGYYVKTGFKYGHSNYLVKVAGENSE EVDFAVYKDLRDRGFYLTPAREGWVADFVVYPVAYRVR FGVRFLVYADLRERGFYLSPAAEPWIDEPDVRVLGERTD DFDVKFLVYRDLRERGYVKSGLKFGHSDWLVWVVRENAK KYLVFRDLRNRGYIVKTGLKYGHSKYLVRVVTEDDD N LLLKYRVYKDLRSRGLVVKTGAHFRVSPYLVHSISENKE DFDUKYIVYKDLRDRGYIVKFGSHFRVSDWLIWVLRESEK LDFVVYKDLRDRGFYLSPAREGWPGDFEVYPVEHRVR FPDRFLVYADLRDRGFYLSPAREGWPGAHRIVVVGERES LEFVVYKDLRDRGFYLSPAREEWPGDFVVYPVEHRVR FGVRFLVYADLRSRGFYLSPAAEPWISEYPLRVIGERTD DFGVRF NTARQFTVYKDLRDRGFYLSPARSSWPGDFIVYPVAHQLR FALRFLVYADLRDRGFYVSPGTKPGDGKYEI LVVGERES VRFLVYKDFRERGFYLSPVREGWRADLVVYPI AYRVR FGARFLVYADLRDRGFYLAPDREPWDGDFVVFPVKHRVR LSFVVYKNLRDRGFYLSPAREGWVADFIVYPVAYRLH FALRFLVYIDLRGRGFYLSPTREGWPGDFVVHPVGERQP VRFLVYRDFRERGFYLSPAREGWVDASIVYPIAYRIW IKYLVYRDLRNRGYTVKTGLKYGHSEFVVKVFSEDKP FAARFLVYTDLRDRGFYLSPAKEGWSGDFTVYAVAYRVC FAVRYLYYDLRDRGFYLSPAREPWPGSHPIRVVGEREP FAARFLVYVDLRDRGFYLVPDRDPWVVKHRVRVVDERTT FWLLRYMVFSDLRNQGYVFKYGGDFRVAEWHLYCSSEHES FD DKYLVYKDLRDRGYIVKFGSHFRVYRWLIWVVPENDR DFAVRYLVYADLRARGLYYSPAREPWITDFAVYPLEYALR FAARFLVYADLRERGFYVAPARDGWPGDLVVFAVAHRVR DFDQKYTVYDDLRDRGFIVKTGFKFGHTQRLVHAVHESRE FVVYKDLRDRGFYLSPARDDWGADFLVYPVGERQP TKYLVYKDLRNRGYTVKTGTDFRHSVYLVKVFSEEKP IKYLVYKDLRNRGYVVKTGLKYGHSEYLVRVFPENGK LKYVVYSDLRRRSRLVKRATEFRASKQLIVPLSEDQP YLVYKDLRTRGYIIKTGFKYGHSNFLVKILSEEQE $E \| A F L V Y K D L L D R G F Y L S P A R D D P A V D F V V Y P V A H R V G$
$W$
$W$ LQFGVYKDLRDRGFYLSPAAVAWPGDFVVFPRSERDS FWPMLTVYKDLRDRGRRVRPGNSFLVKDKVVYVLEEKAL
FWSDYLVYKDLIRNRGYIVYPRGGQEVAKDMVTPLIGEGMT

 KYIVFRDLKDRGYVIKTGFKYGHSDYLVKI I Y K E TY E

UniRef90_D3E484
UniRef90-A5 UniRef90-T1CKM5 UniRef90 M7U2G4 UniRef90-G0QGE6 UniRef90-S6EL51 UniRef90 D4N791 UniRef90-A4YJO2 UniRef90-EOSPH0 UniRef90 UPI00036E2681
UniRef90 ${ }^{-}$X1I717 UniRef90-।13TD87 UniRef90_X1B0C8 UniRef90_W7KVH8 UniRef90-LOADI6
UniRef90 E0SQ48 UniRef90_K0IKB3 UniRef90-A2BLE2 UniRef90-Q74MS9 UniRef90_EOVW20 UniRef90_W7L910 UniRef90_UPI00044216A1 UniRef90_Q980L2 UniRef90-13TCV2 UniRef90-U1P7E7 UniRef90_D7DTM4 UniRef90 A4YIV3 UniRef90-S5ZD13 UniRef90_V6ARY3 UniRef90-D9PZY4 UniRef90-C3MRE3 UniRef90_H2C6Q5 UniRet90_V4JMQ6 UniRef90-Q8TGZ5 UniRef90-A0A031LM53 UniRef90_G3W5S8 UniRef90 V4YB37 UniRef90-C3N6N2 UniRef90-A0RWP7 UniRef90 UPI00037ADF43 UniRef90-A0A026W1B4 UniRef90-Q975R3 UniRef90_F4B7H1 UniRef90 B3V6T0 UniRef90-UPI00037F407B UniRef90_D7D914 UniRef90-KOIIB9


 WLRYRVYEY
$M T K F L V Y R D L$

 FEEKYLIVYKNLWEKGFYITPGGKFFHAFFVVVCLKTREK


EVAFLVYK
FKP K Y Y L V Y Y R D


FIVYFDLRRRGKKVTVGPRPRTLLYNVLILSEGNY NGWNKLVVYLDLKMRGKVVSVVDRSDKPTYMVMMASETRP
$F P V R Y A V Y A D$
$\square W D E V V V Y$
$\square W$ RRRGWKPKPGRKFGTEFRAFRGEDE
 WER
 CWEKFLTYNFFKDKGFLIKRGKENNDAKYMIKTLJFEGKS





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[^1]


[^0]:    lupas 21
    lupas_14
    lupas_28
    jnet
    conf
    sol25
    sol5
    jhmm
    jpssm

[^1]:    lupas 21
    lupas_14
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    sol0
    jhmm
    jpssm

