

G-x-G-x-x-G-x-V

(VI) (VII) (VIII) (IX) (X)

(XI)

LecRK-VI.2
 AT3G16030
 AT1G11340
 AT1G11410
 AT4G03230
 AT4G27290
 AT4G27300
 AT1G65790
 AT1G65800
 AT4G21380
 AT1G11300
 AT1G11305
 AT1G11330
 AT1G11350
 AT1G61610
 AT4G21390
 AT1G11280
 AT1G61370
 AT1G61360
 AT1G61380
 AT1G61390
 AT1G61400
 AT1G61430
 AT1G61440
 AT1G61420
 AT1G61480
 AT1G61490
 AT1G61500
 AT1G61550
 AT4G61900
 AT1G34300
 AT4G32300
 AT4G00340
 AT2G19130
 AT5G35370
 AT5G60900
 AT1G67520
 AT2G41890
 Consensus

EILSAIDPRLGS---GYDGGEARLALAVGLLC~~CHQ~~KPASRPSMRIVLRYL
 RVREVIDPSLGD---SAVENPQVLRCYQVALLCVQ~~Q~~NADDRPSMLDVYSMI
 EATEIIDNLMDQ---ETYDEREVMKCIQIGLLCVQENASDRVDMSVVIML
 ERIETIDKLHGE---ETYDEGEVMKCLHIGLLCVQENSSDRPDMSVVFM
 RGIELLDAQLE---SCET-EGFLKCLNVGLLCVQEDNPDRPTMSNVVFM
 KAYETIDEAVNE---SCTDISVLRVHIHIGLLCVQQDPKDRPNMSVVLM
 REIEVPEEEHLE---ETSVIPEVLRCHIVALLCVQQKPEDRPTMSNVLMF
 NELEIVDPINIDLSKFP~~THEILRCIQIGLLCVQERAREDRPVMSVVMYML~~
 KELEIVDPINIDALSSEF~~THEILRCIQIGLLCVQERAREDRPVMSVVMYML~~
 KGLEI~~DP~~II~~TD~~S-SSTFRQ~~HEILRCIQIGLLCVQERAREDRPTMSLVILML~~
 EINS~~LVDP~~EI~~FD~~---LLFEKEIHKCIHIGLLCVQEARNDRPSVSTVCSML
 EINGHVDPEI~~FD~~---QLFEKEIRKCVHIALLCVQDARNDRPSVSTVCHML
 EASLADPAV~~FD~~---KCFEKEIEKCVHIGLLCVQEVANDRPNVSNVIML
 EDIALVDPVIFE---ECFENEIRRCVHVGLLCVQDHANDRPSVATVIHML
 KTKEMIDPIVKD---TRDYTEAMRCIHVGM~~LCTQDSVIHRPNMGSVLLML~~
 RSEELVDPKIRV---TCSKREALRCIHVAMLCVQDSAREPNMGSVLLML
 GGV~~DLL~~DE~~DISS~~---SCSPVEVEVARCVQIGLLC~~IQ~~QQAVDRPNIAQVVTM
 GGS~~DLL~~QD~~DISS~~---SGS---ESEVARCVQIGLLC~~IQ~~QQAGDRPNIAQVMSML
 GGVNLLQD~~LD~~---SDSVNSVEAGRCVHIGLLCVQHQAIDRPNIKQVMSML
 GGSNLLRD~~LD~~TD---TCQA---FEVARCVQIGLLCVQHEAVDRPNTLQVLSML
 KGV~~DLL~~QD~~ALAD~~---SSHP---AEVGRCVQIGLLCVQHQPADRPNTELLMSML
 RGVNLLQD~~ALAD~~---SCHP---YEVGRCVQIGLLCVQYQPADRPNTELLSML
 REVN~~FL~~QD~~ALAD~~---SSHP---SEVGRCVQIGLLCVQHEPADRPNTELLSML
 RGVNLLQD~~ALAD~~---SSHP---AEVGRCVQIGLLCVQHQPADRPNTELLSML
 GGIDLLDKQVAD---SCR~~P~~---LEVERCVQIGLLCVQHQPADRPNTELLSML
 GGIDLLDKQVAD---SCH~~P~~---LEVERCVQIGLLCVQHQPADRPNTEHLLSML
 KGIDLLQD~~ALAD~~---SCR~~P~~---LEVGRCVQIGLLCVQHQPADRPNTELLAML
 RGI~~DLL~~QD~~ALAD~~---SCH~~P~~---LEVGRCVQIGLLCVQHQPADRPNTELLAML
 GGVGFLDKARTD---SCH~~P~~---SEVGRCVQIGLLCVQHQPADRPNTELLSML
 KGVSTIDE~~PHCC~~---SYSL---EARNRCHIALLCVQDHPKDRPTMSIVYML
 NTKALITDLRLSE---DQVDMQVGMHVKTSF~~CTIQEQPLQRP~~THGKVVQML
 KLMDIVDGKKWN---VDVTD-ERVQRAHKTALW~~CTIQEDHATRPSNSKVQVML~~
 NYDSVVD~~SRL~~-N-GE-YNTEEV~~TRHATVATWCIQDNEEIRPANGTVVKML~~
 DIRSLVDPRL-E-GDAVDIEV~~TRACKVACWCIQDEESHRPANSQVQML~~
 RYH~~ELADPRL~~---EGRVTSQEAKLVRIALCCVHEEPALRPTMARVVGMF
 RLEDLTEDD---S---EAMNDMETVERVYKIAI~~CTIQEEHGRPNMRNVQHL~~
 RL~~RPSMGEVVK~~----VLEGTLSVDP~~PPPPF~~CA~~RRS~~SP~~TNS~~SESSQSLYEP
 -----ev-cc-~~i~~LLCva-~~dcg~~-n-~~v~~-n]