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                20                40                60
SIKRP4: MGKYIRKTR-----KTEDVSPGLVLRTRAKALALN-----GGDGG-----SYL
SIKRP3: MGKYMRKRKTKATGEVVAVLDVSPGLVTRAKTLALKRLQKSSSSGGDGGD--VGGGCYL
SIKRP2: MGKYLRKSG-----HVMESSSLGVTRRSTTLALQRLQSSSSSTPPPSLPSASDSCYL
SIKRP6: MGEFLKCKE KINGG--MKVTELNGGTRIRDNVVEEVTSN-----CSM
SIKRP1: -MRRKYKCKSKGI IGEVVIMEVAEVAVKMTREREVLEVVDR-----K
SIKRP5: MDVLIIMMRK-----K RKICDNYTPVSSDKYEPDGSSMS-----CCS

                80                100               120
SIKRP4: ELRSRRLVKPFTVLEGRRQKNGV PKNPNLVNPNPNQQIPNVCVNSEEGKGVKEMENQKEK
SIKRP3: QLRSRRLKPLVGFEGKRKRKHP LKESKRQNRSLRVREMKQSWNSGSGEGEEKKEQVQE
SIKRP2: QLRSRRLHKPPTPIP-----CPNSHPHSASVGSVDEISFP---
SIKRP6: SYSTKRKRFSGSVTDVDFSENSASPATSVTSVHIPTNSQCSSCYESGEVMMKSILKSLDLK
SIKRP1: RKKRDGDLEMSPTVARVRNRNSVISESPASELSSQGNTVLC EPAVSSNFDNVSASGFGDNE
SIKRP5: SNSKSDLDEKCGEVAEKEEKLIEEYSEKMPVVEEFDELESNEIEEFGKEMASVEEFD

                140               160               180
SIKRP4: EKSC LGPEDSFG-ENLLEFGRKR TTRESTPCSLIRDSDNIQTPGSS TRRTNANEANGRV
SIKRP3: NQKEIDNNGSFEVENLLEFDGRERTTRESTPCNLIRDPDSIPTPGSS TRANNASEGNRE
SIKRP2: -----DNNLHFCHTHRSTRESTPCSLVREVDEM VNPGSATRRELTNTTQRR
SIKRP6: AEKFG--TDNSASFNGGFS ENFKPIDQPNPSEHCGDSEDMESSSTTTKSSSSASAPRK
SIKRP1: SSNVTKGSSKFLDLDEDSVEIATS YSELRESRELLSSSKFKVEFQSTPKPQHAKSCR RR
SIKRP5: -----E LELKEIEEFGEEIELEMTSVEEFDLEENEMPSLEEEVELDEMLFPL

                200               220
SIKRP4: PNSIQPTIPTDLEMEEFFTRAEKEQQKRIEKYNFDPVNEKPLPGRYEWVKVNH-----
SIKRP3: PTSAQRIIPTAHENDFFAGTEKQQKQRIEKYNFDPVNDKPLPGRYKWKVDR-----
SIKRP2: RNFILRNIPSAHEIEEFFTFAEQQQQLMEKYNFVVNDVPLSGRYEWIRVNH-----
SIKRP6: QLSAS-KVPPEAEIEEFFSAAEKRECRREAEKYNYLIVKDAPLEGRYQWVSIKPRRINE
SIKRP1: --LTEATMPSEAELDVFFAAAEKDLHSHAEKYNFDFAKEEPL EGRYEWVRQ-----
SIKRP5: EEPEPPLIPTTELEEFFTRHEQRISTRLRQNYNDFEKEEPL EGRFEWVPIRKMKF--

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Cyclin-dependent kinase inhibitor (CDI)

Figure S1. Multiple sequence alignment of the SIKRP proteins in tomato.