

Additional File 13: *Coffea* spp. OrtoMCL families of PinII serine proteinase inhibitors

Family7241

Coffea arabica

CA00_XX_CL2_115_D10_JF_F

MAINKIGAMAILFCGMILLGANVEVTAVRPGPEQICPLYCIVGIEYVDCDGEKTYTDCT
NCCFENGCTLHFKDGTSYFCTWPAKQELGFGKGVYKI

CaContig12344

MAINKIGAMAILFCGMILLGANVEVKAVRPGPGPVCPCQYCILGIEYVDCDGEKIYTDCT
NCCLSEGCTLHFTDGTTEEYCEPVGKGVYKI

CaContig5418

MMAVNKIGAMAILFCGMILLGANVEVTAVRPGPDQICPLYCIVGIEYIVCDGEKIYTDCT
TNCCFANGCTLHFTDGTSYCTWPAQQELGYGKGVYKI

CaContig13131

MAINKIGAMAILFCGMILLGANVEVTAVRPGPEQICPLYCIVGIEYVDCDGEKTYTDCT
NCCFENGCTLHFKDGTSYFCTWPAKQELGFGKGVYKI

CaContig7989

MAVNKIGAMAILFCGMILLGANVEVTAVRPVPQICPLYCILGIEYVVCDGEKTYKGCTN
CCFENGCTLHFEDGTEKYCTWPTEQKLGLANIMLNMPF

Coffea canephora

CC00_XX_PP1_063_C07_TL_F

MAVNKIGAMVILFCGMILLGANVEVTAVRPGPEQICPLYCIVGIEYVDCDGEKTYTDCT
NCCFENGCTLHFKDGTSYFCTWPAKHELGFGKGVYKI

Family10273

Coffea arabica

CA00_XX_CA1_003_B05_EZ_F

MAINKIGAMAILFCGMILLGANVEVKAVRPGPVRPCPRNCIGGTLYQICNGTKTYTTCT
NCCVSDGCTLYFLDGSSLYCDWPDACY

CaContig6030

MGINKIGAMAILFCGMILLGANVEVKAVRPGLLQPCPRNCIGGTVFQICNGTKTYTTCT
NCCVSNCGCTLYFLDGSSLYCDWPDACY

CaContig2158

MAINKIGAMAILFCGMILLGANIEVKAVRQAPLRPCPRNCIGGTVYKVCNGTKTYTDCT
NCCVSDGCTLYFEDGSSLYCDWPYAKY

CaContig14018

MILLSSNVEVKVVEACPQYCLDVEYMTCGNSETKLPPRCNCCLAPKGCTLHLADGTSQY
CS

Coffea canephora

CcContig3974

MAISKIGAMAILFCGMILLGANVEVMAVRPGPIRPCPLICLLTEYKICNGTKTYTNCTN
CCVDDGCTLYFEDGSSIIYCEWPWAKY