

Supplemental Table S1. Sequences of CEP-like peptides discovered in RKN genomes

RKN Species	CEP Names	CEP Sequences
<i>M. hapla</i> (PRJNA29083)	MhCEP1	DFRPTNPGHSPGIGH
	MhCEP2	AFRPTAPGHSPGVGH
	MhCEP3	GYQPTNPGHSPGIGH
	MhCEP4	FKTVPGQSSPGVGH
	MhCEP5	VIKPACIGNSPGVGH
	MhCEP6	AFRPTNPGPSAIGH
	MhCEP7	GFRPTNPGNSPGAGH
	MhCEP8	TFRPTAPGHSPGIGN
	MhCEP9	PFCTGPGHSPGVGH
	MhCEP10	PFCTGSGHSPGVGH
	MhCEP11	AFRPTAPGHSPGVGH
	MhCEP12	PFHTGTGRSPGAGH
<i>M. graminicola</i> (PRJNA411966)	MgCEP1	FRVLKPGGSPVGLG
	MgCEP2	HTPGVG
<i>M. incognita</i> (PRJEB8714)	MiCEP1	RPTEPGHSPGAGH
	MiCEP2	FRPTNPGPSPGVGH
	MiCEP3	PTGPGHSPGVGN
	MiCEP4	RATEPGHSPGAGH
	MiCEP5	DTRPTEPGHSPGAGH
	MiCEP6	RPTQPGHSPGVGN
	MiCEP7	TEPGHSPGAGH
	MiCEP8	RPTNPGHSPGAGH
	MiCEP9	DVHPNNPGHSPGIGH
	MiCEP10	RPTQPGHSPGVGN
	MiCEP11	VHPNNPGHSPGIGH
<i>M. arenaria</i> (PRJNA438575)	MaCEP1	FRSTCPASSAAA
	MaCEP2	QPIHSPSYSH
	MaCEP3	FNPNNLPGNCP
	MaCEP4	FNPNNLPGNCP
	MaCEP5	SFRSTCPASSAAA
	MaCEP6	RPTFG
	MaCEP7	SFRSTCPASSAAA
<i>M. enterolobii</i> (PRJNA340324)	MeCEP1	FRPTVPGHSPGIGH
	MeCEP2	FQPTSPGHSPGIGH
	MeCEP3	IKPTNPGHSPGGGH
	MeCEP4	DKRATNPGHSPGVGN
	MeCEP5	DTSKPTAPGHSPGIGH
	MeCEP6	FQPTAPGHSPGIGH
	MeCEP7	DYRQTHPGNSPGIGH
	MeCEP8	DYRETHPGNSPGIGH
	MeCEP9	DYRQTHPGNSPGIGH
	MeCEP10	DYRPTEPGHSPGVGH
	MeCEP11	DKRPTAPGHSPGIGH
	MeCEP12	DKRQTNPGNSPGVGN
	MeCEP13	DKRATNPGHSPGVGN
	MeCEP14	DKRATNPGHSPGVGN
<i>M. floridensis</i> (PRJNA340324)	MfCEP1	DVHPNNPGHSPGIGH
	MfCEP2	DTRPTEPGHSPGAGH
	MfCEP3	RATEPGHSPGAGH
	MfCEP4	RATEPGHSPGAGH
	MfCEP5	DFRPTNPGHSPGVGH
	MfCEP6	RPTQPGHSPGVG
	MfCEP7	RPTNPGHSPGAGH

M. javanica
(PRJNA340324)

MfCEP8
MjCEP1
MjCEP2
MjCEP3
MjCEP4
MjCEP5
MjCEP6
MjCEP7
MjCEP8
MjCEP9
MjCEP10
MjCEP11
MjCEP12
MjCEP13
MjCEP14

RPTNPGHSPGAGH
DVHPNPNPGHSPGIGH
DTRPTEPGHSPGAGH
RPTNPGHSPGAGH
DFRPTYPGHSPGVGH
RPTGPGHSPGVGN
RATEPGHSPGAGH
DVHPNPNPGHSPGVGH
DFRPTNPGHSPGVGH
RSTGPGHSPGVGNH
RPTEPGHSPGAGH
FRPTNPGPSPGVGH
DFRETNP GKSPRIGH
TAPGHSPGIGN
DVHPNPNPGHSPGIGH
