

A

AtDCL1
(1909 aa)

DLILDECHHAVKHKHPYSLVMSEFYHTTPKDKRPAIFGMTASPVNLKGVSSQVDCAIKIRN

motif II

▲
 suppressor of *hyl1*
 (*dcl1-13*)
 E395K

▲
 motif III
sin1-1 (dcl1-7)
 P415S

▲
sin1-2
 I431K

B

AtDCL1	388	PYSLVMSEFYHT
AtDCL2	162	PYACIMREFYHKELN
AtDCL3	177	PYAKLMKIFNP
AtDCL4	262	HPYAEIMKVFYK
HsDicer	184	HPYREIMKLCEN
DmDcr-2	149	PFREFMRLFTI
CeDcr-1	156	PYRSIMVDYKL
SpDicer	155	AYARIMNDFYHR
		** *

C

