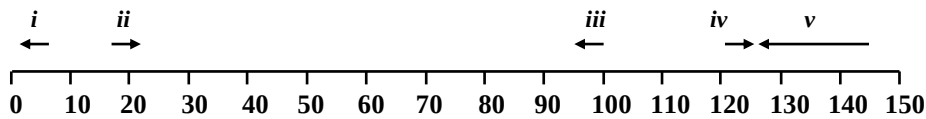
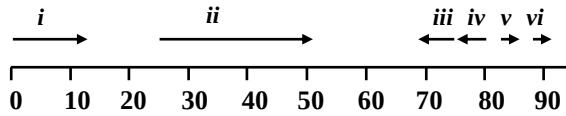
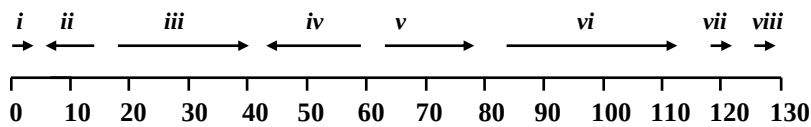


a**Bm-66-M7**

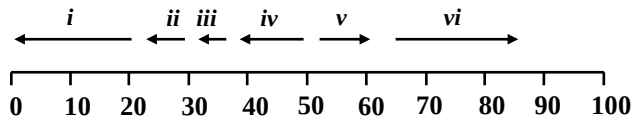
Hit	E-value	GenBank Acc.
i. <i>Drosophila persimilis</i> Leucine-rich repeats ribonuclease inhibitor	0	XP_002020475
ii. <i>Tribolium castaneum</i> Leucine-rich repeats ribonuclease inhibitor	2e-24	XP_968875
iii. <i>Carassius auratus</i> DEAD-box RNA helicase	2e-86	AAX22124
iv. <i>R. microplus</i> Cytochrome P450	e-22	AAD54000
v. <i>R. microplus</i> Cytochrome P450	3e-92	AAD54000

b**Bm-77-G20**

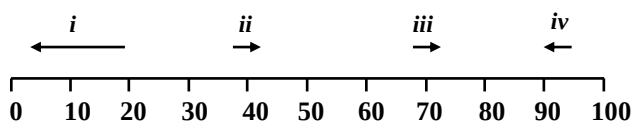
Hit	E-value	GenBank Acc.
i. <i>Strongylocentrotus purpuratus</i> similar to gag-pol polyprotein	0	XP_001201648
ii. <i>R. microplus</i> Cytochrome P450	e-110	AAD54000
iii. <i>Schistosoma mansoni</i> pol polyprotein	5e-163	DAA04499
iv. <i>Nasonia vitripennis</i> RNase H/integrase	9e-28	XP_001599695
v. <i>Danio rerio</i> similar to pol protein	9e-18	XP_001346399
vi. <i>R. microplus</i> Cytochrome P450	3e-92	AAD54000

c**Bm-129-N14**

Hit	E-value	GenBank Acc.
i. <i>Branchiostoma floridae</i> hypothetical protein	e-51	XP_002230510
ii. <i>Tribolium castaneum</i> polyprotein	e-100	XP_001813277
iii. <i>Strongylocentrotus purpuratus</i> zinc finger protein	e-168	XP_001193133
iv. <i>Acyrtosiphon pisum</i> hypothetical protein	8 e-4	XP_001951199
v. <i>Rhipicephalus microplus</i> CzEst9 carboxylesterase	0	AAF00497
vi. <i>Danio rerio</i> pol polyprotein	e-66	XP_001346399
vii. <i>Tribolium castaneum</i> pol polyprotein	0.001	XP_001807967
viii. <i>Tribolium castaneum</i> RNase H/integrase	e-16	XP_001812244

d**Bm-77-J9**

Hit	E-value	GenBank Acc.
i. <i>Strongylocentrotus purpuratus</i> pepsin-like aspartate protease	2e-61	XP_780950
ii. <i>Biomphalaria glabrata</i> pol-like protein	e-145	ABN58714
iii. <i>Biomphalaria glabrata</i> gag-like protein	2e-35	ABN58713
iv. <i>Danio rerio</i> pol polyprotein	e-142	XP_001337779
v. <i>Hydra magnipapillata</i> reverse transcriptase-like protein	7e-34	XP_002160419
vi. <i>Ixodes scapularis</i> hypothetical protein	9e-18	EEC06806

e**Bm-74-F12**

Hit	E-value	GenBank Acc.
i. <i>Clonorchis sinensis</i> gag-pol polyprotein	0	AAK07485
ii. <i>Strongylocentrotus purpuratus</i> endonuclease/reverse transcriptase	8e-20	XP_797349
iii. <i>Strongylocentrotus purpuratus</i> endonuclease/reverse transcriptase	3e-87	XP_001190384
iv. Cloning vector pUvBBAC	6e-45	CAD50590