

hydrophobic  $\eta$   
polar  $\phi$  acidic  $\sigma$

$\gamma$ -CT [  $\eta/\phi \cdot \sigma$  ]

con... SP-DYLDWGLEDDDNMVSVVADLI+E+EAGEDPESGDADSMDGLV...

H.s....-DYISWG--E-

S.c... Q--SYLD-VL-DE-NMV **variable** GE-----ADGD LV  
Φη ΣΦΗΣΤΗΗΟΣΟΣ ΦΗΗ  
↑ ↑ ↑  
Y1 Y1 S D19 E20

A32 G34  
↑ ↑

$\beta$ -CT

con... QDATADEEEEVDENGEEMYEEEEEEEEEEE...

H.s...-DATA--EE-----GE-FEEEAEVEA... "E-hook"

S.c...-ATVEDDEEVDENGD-F-----DE--E-E...

| GAPQNO | PTT NF