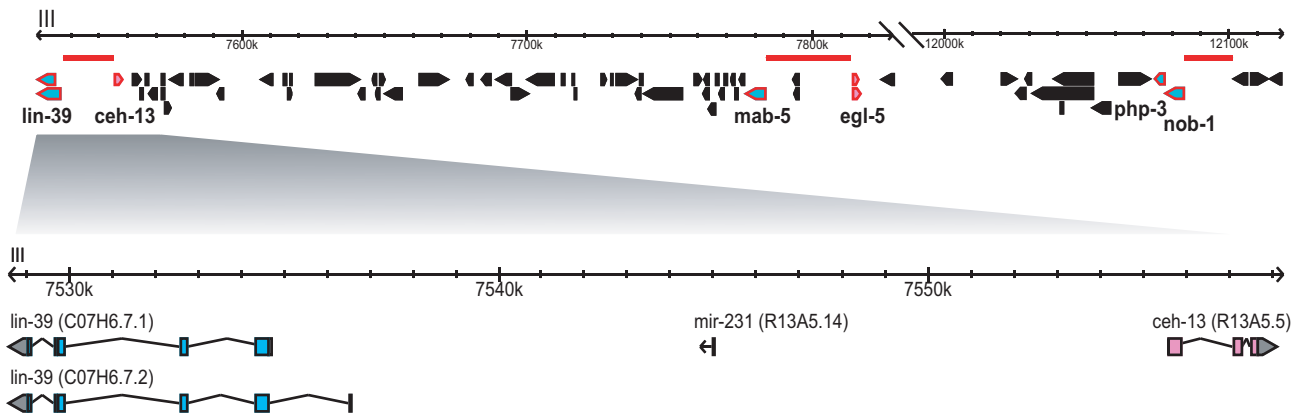
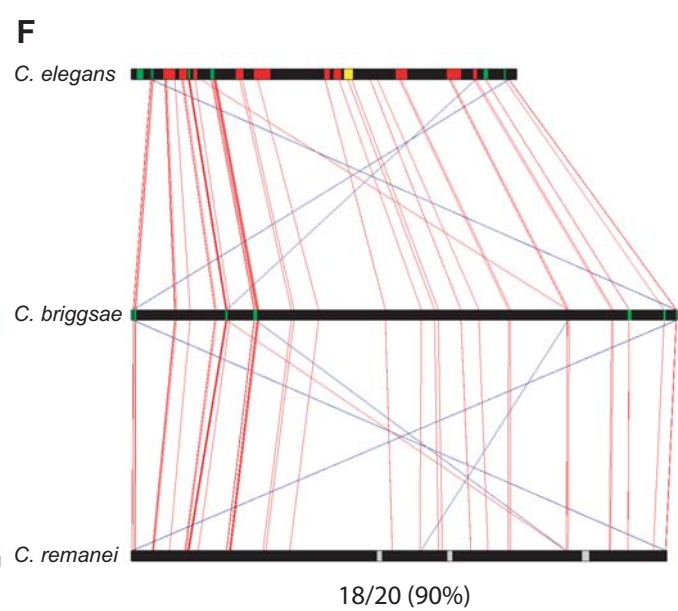
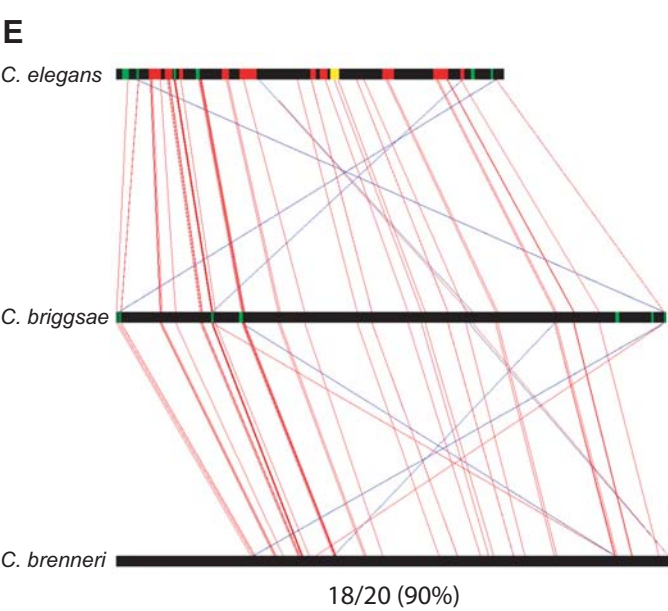
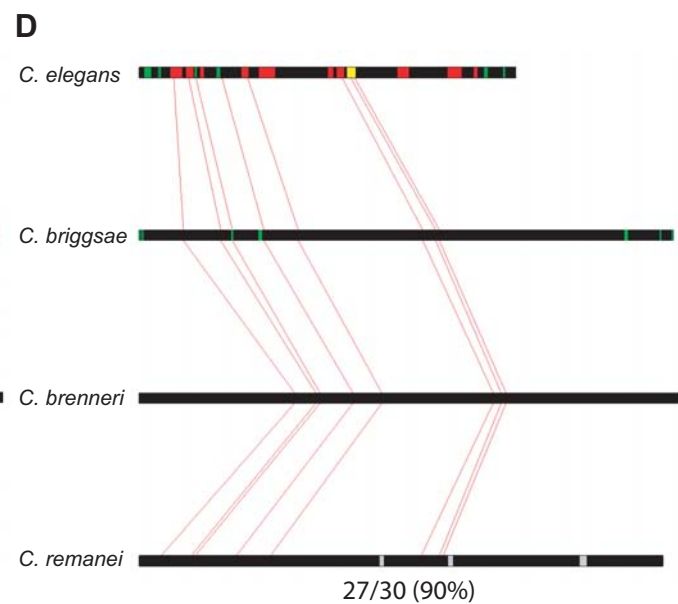
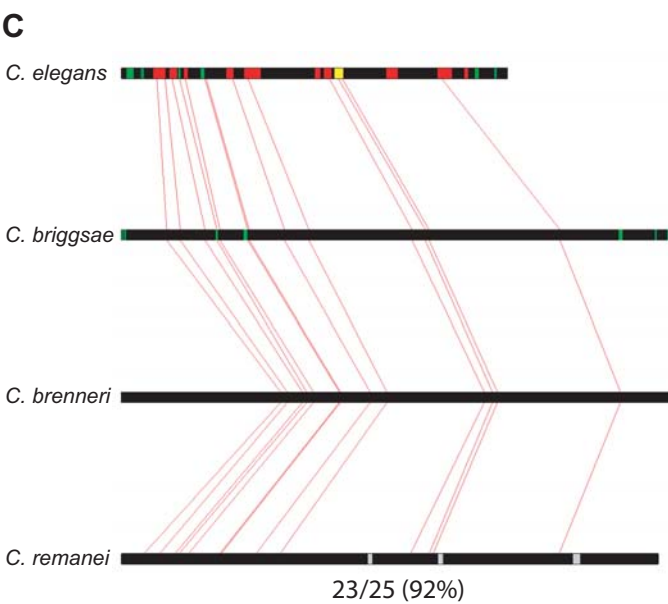
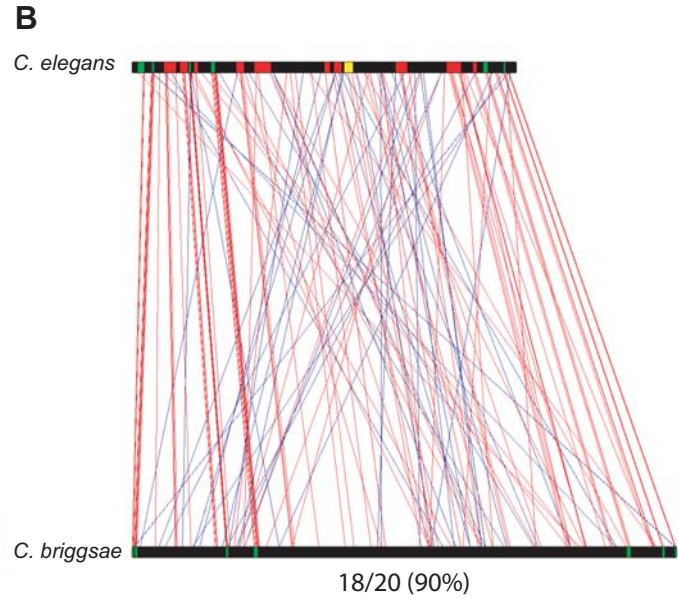
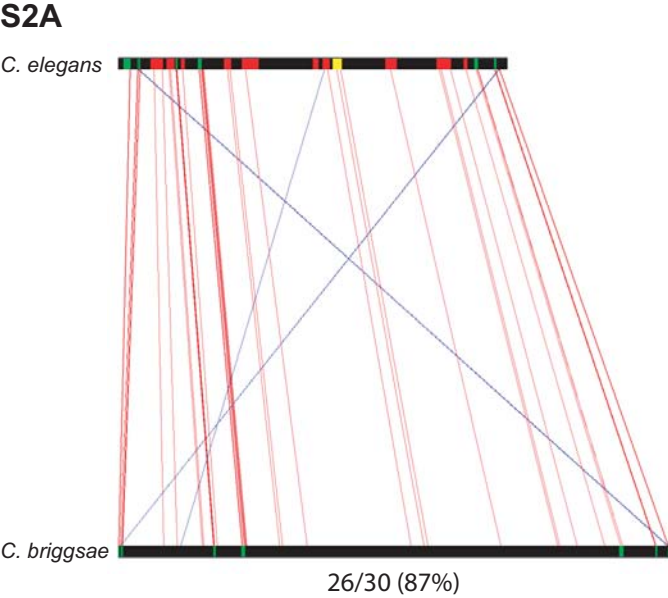
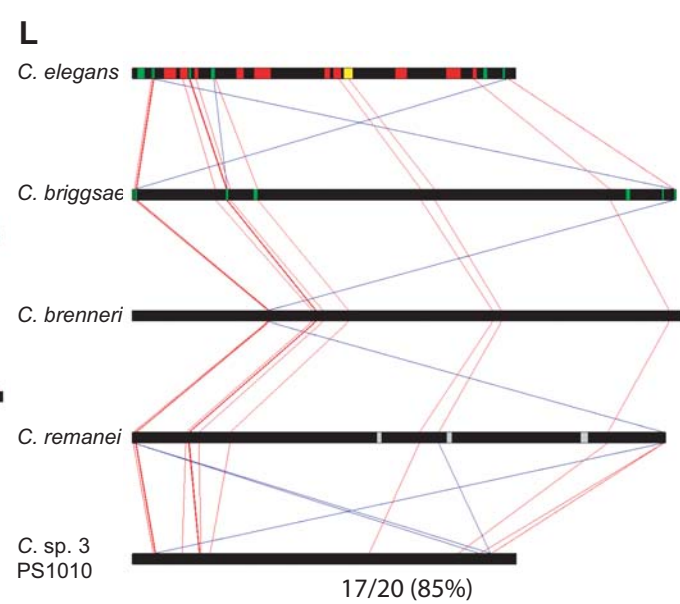
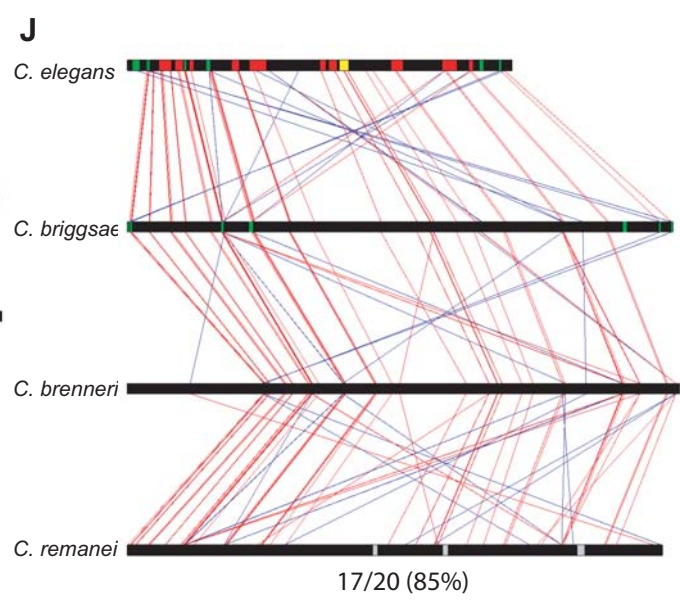
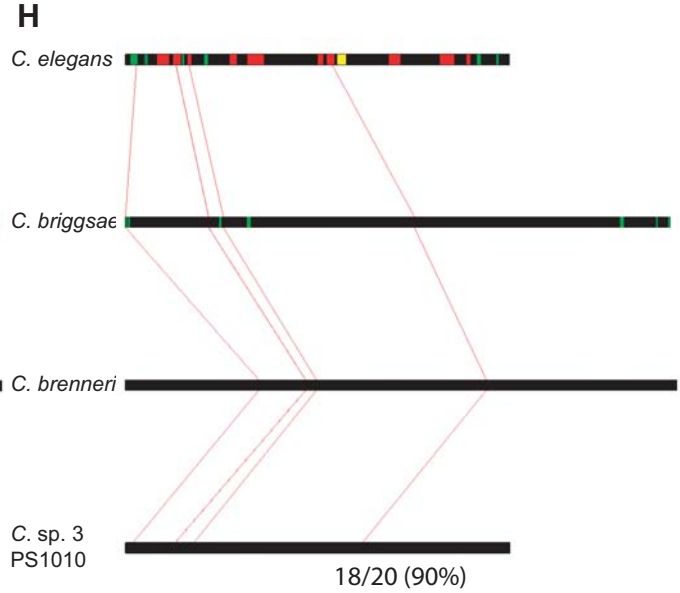
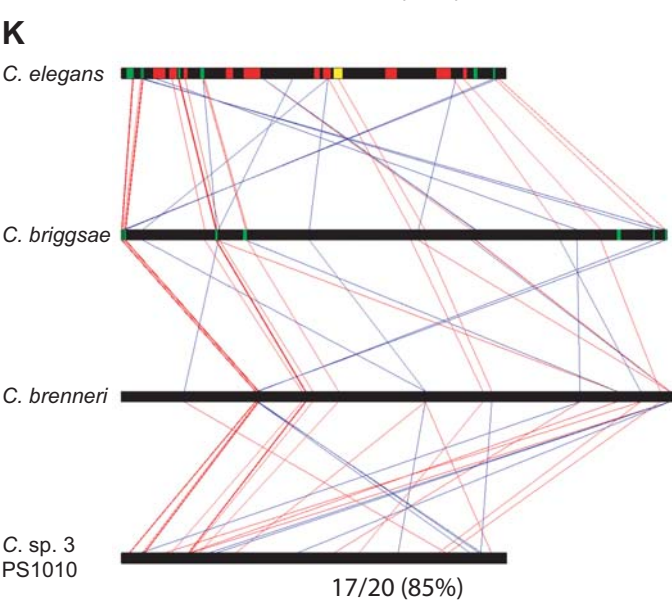
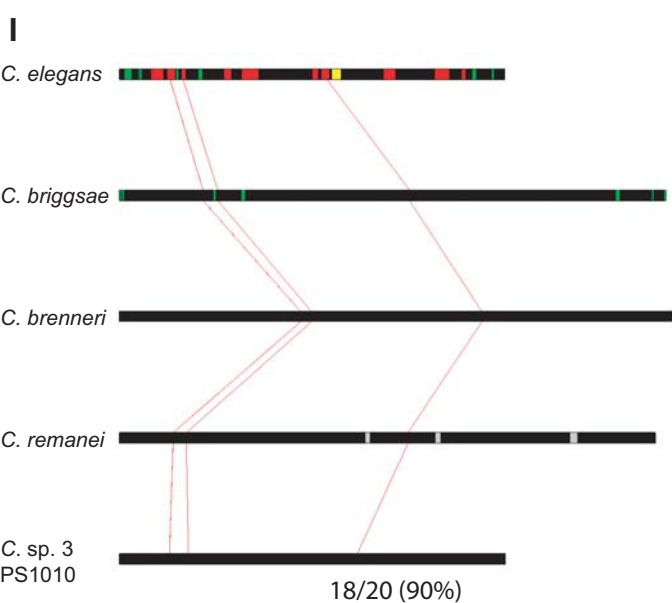
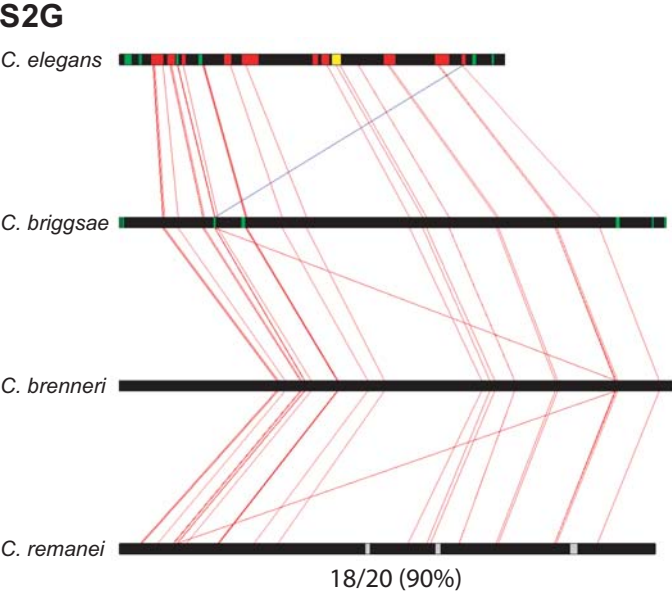


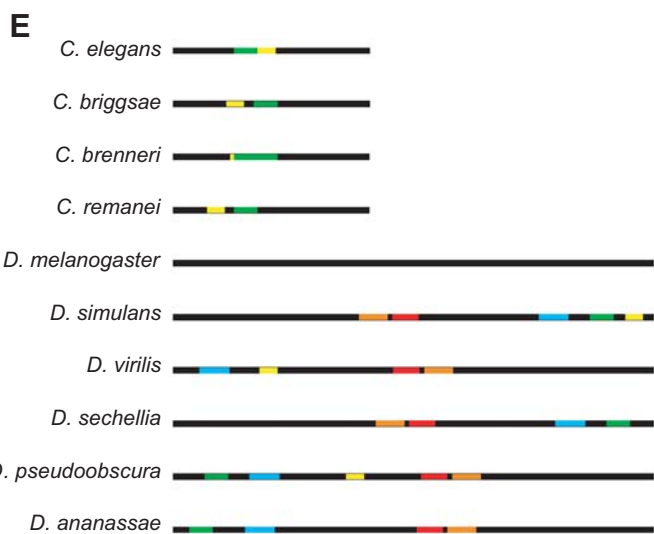
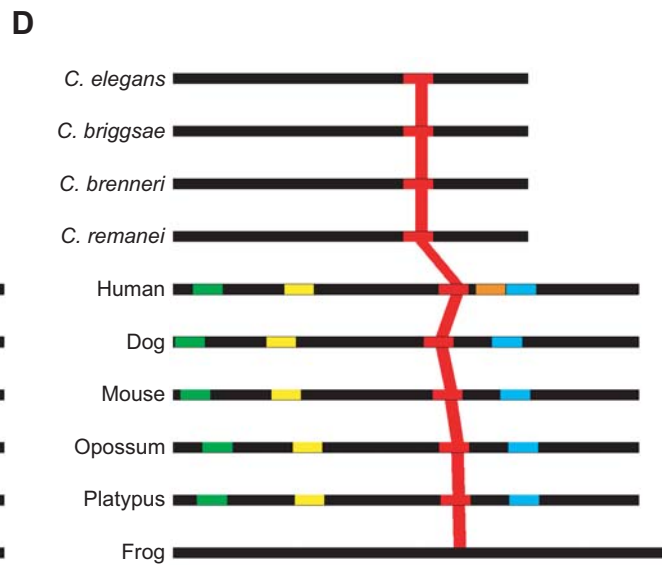
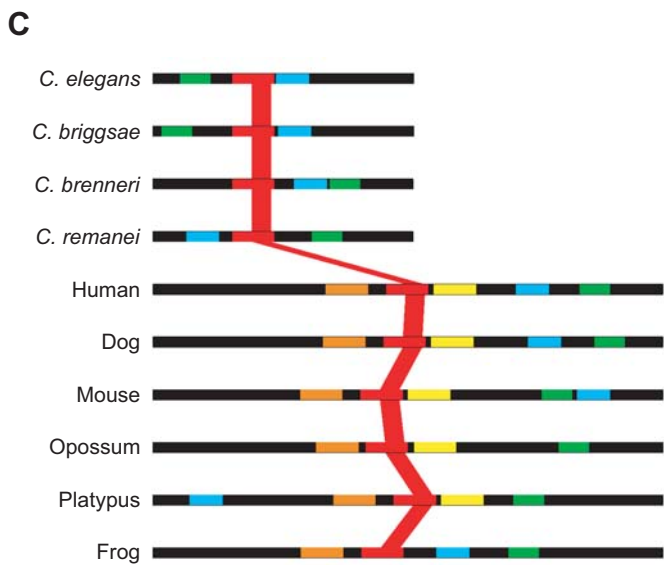
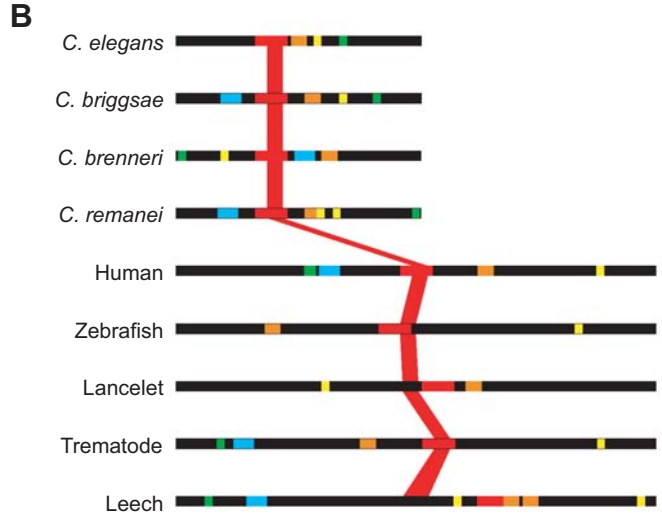
S1



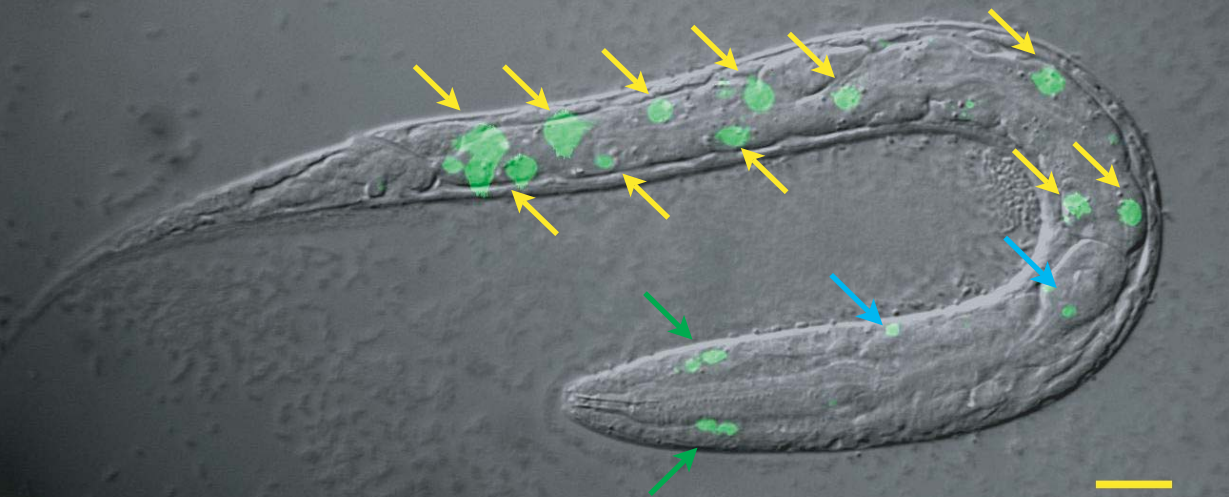


S3A

C. elegans AAGATTTAATGGCACCCATAAAATCTCAACT
C. briggsae GAGTTTTAATGGCACCCATAAAATCTCAACT
C. brenneri AAGAGTTAATGGCACCCATAAAATCTCAACT
C. remanei AAGAGTTAATGGCACCCATAAAATCTCAACT
Human GATTGTTTATTACAGCCATAAAATCTTGCAG
Dog GATTGTTTATTACAGCCATAAAATCTTGCAG
Mouse GATTGTTTATTACAGCCATAAAATCTTGCAG
Opossum GGTGTTTATTACAGCCATAAAATCTCGCTC
Platypus GATTGTTTATTACAGCCATAAAATCTTGCAG
Frog AAGCGTATATTTCCACCCATAAAAACCAACC



S4A

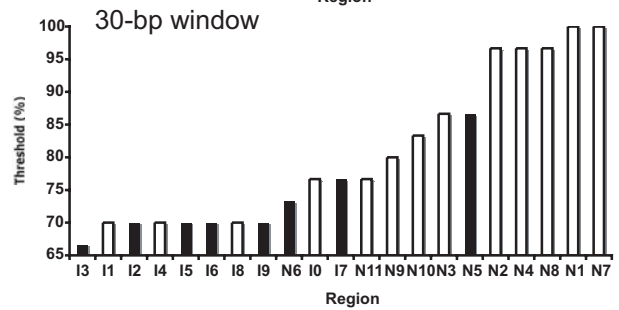
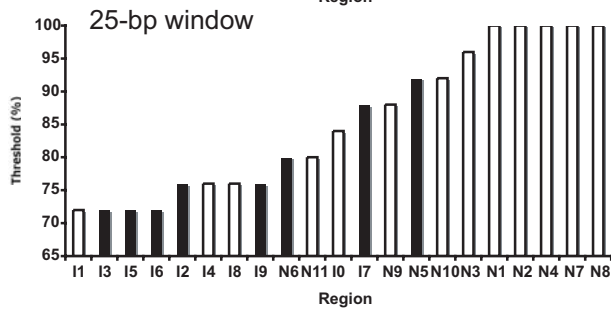
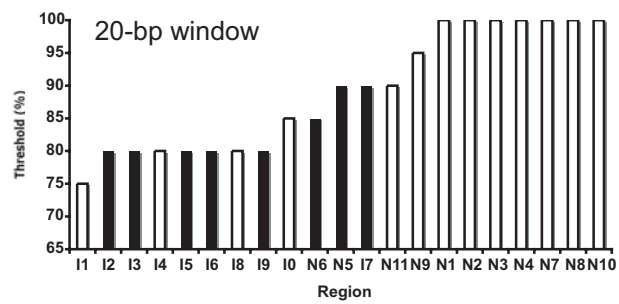
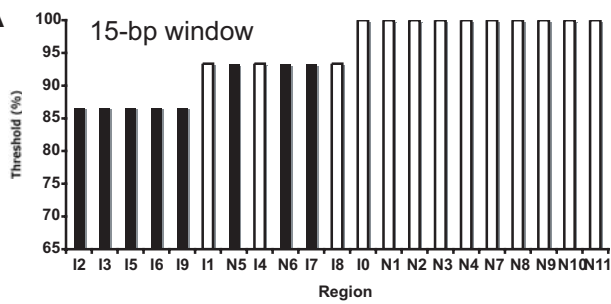
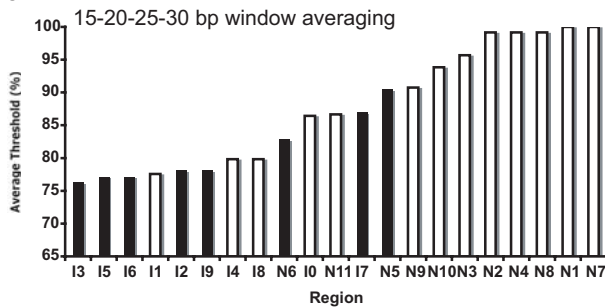
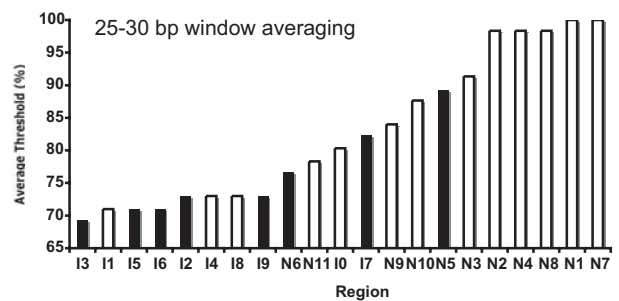
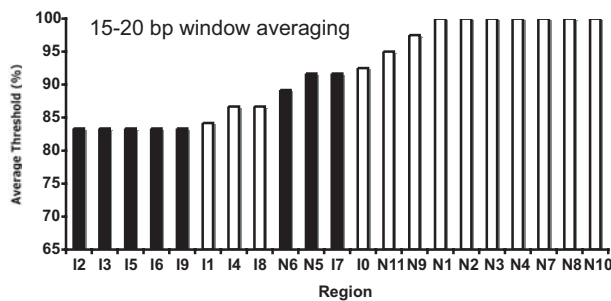
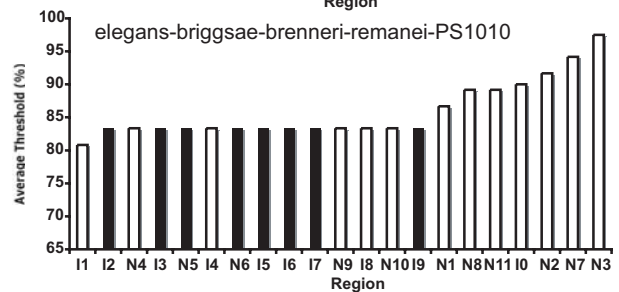
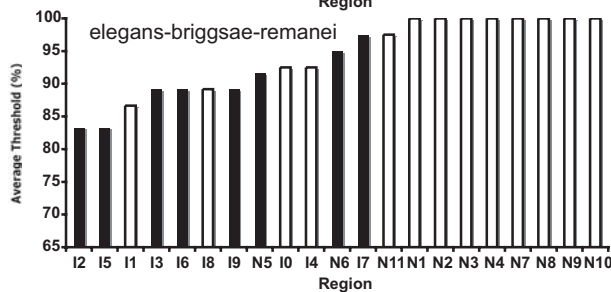
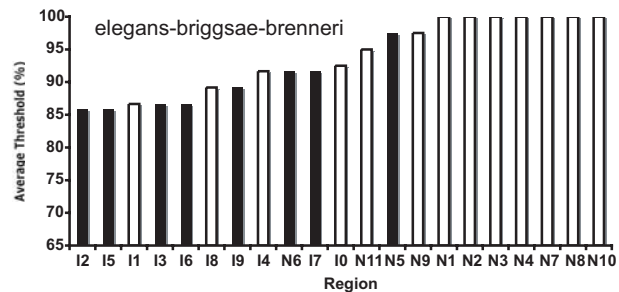
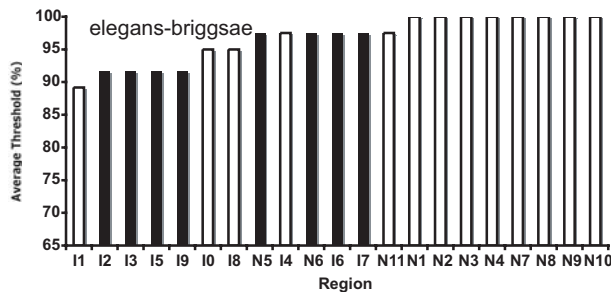


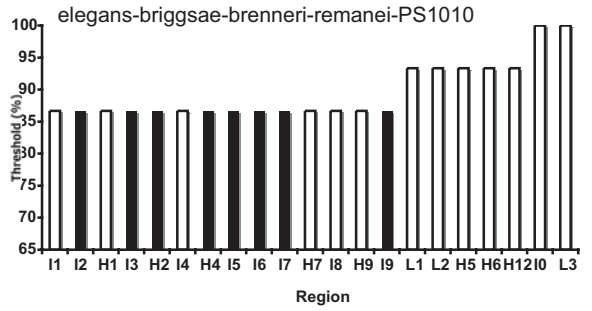
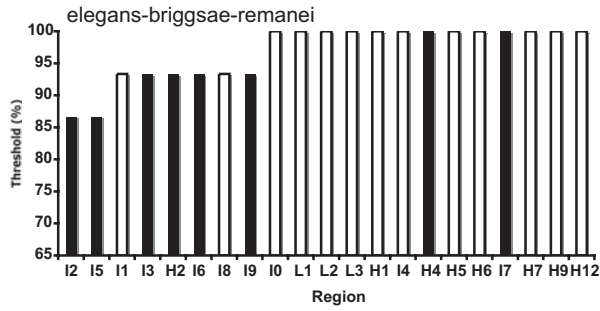
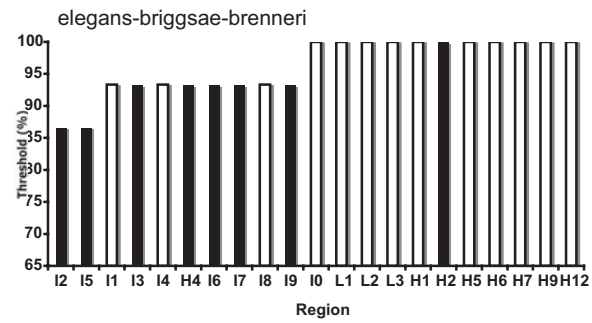
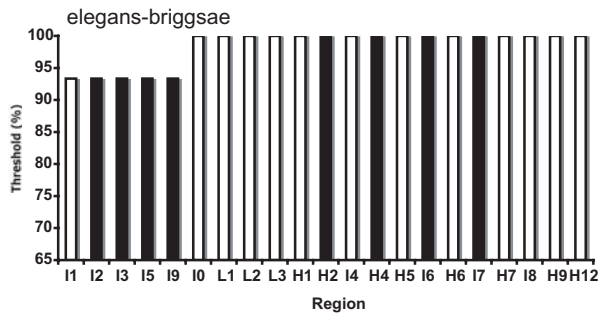
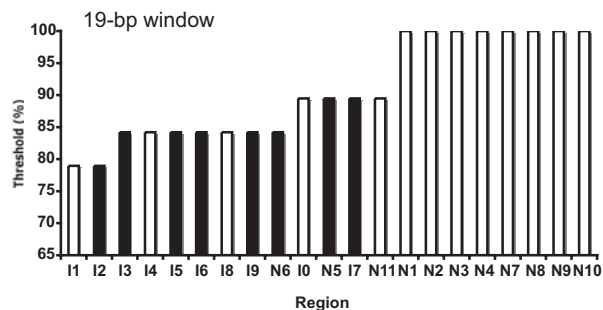
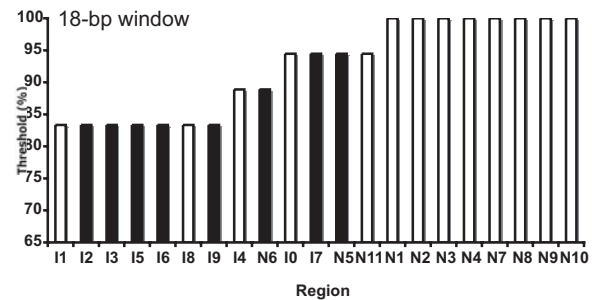
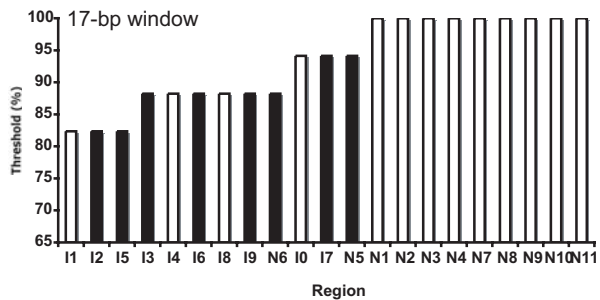
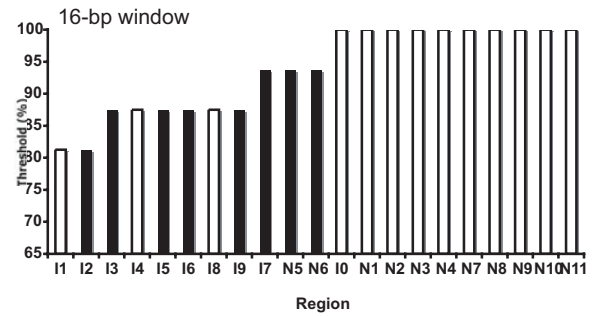
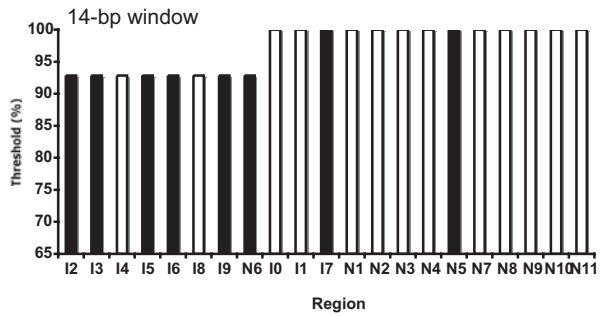
Mouse N7 (background)

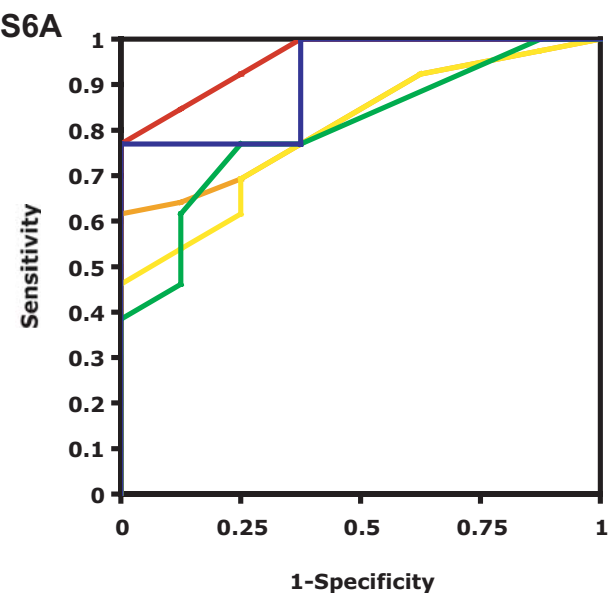
B



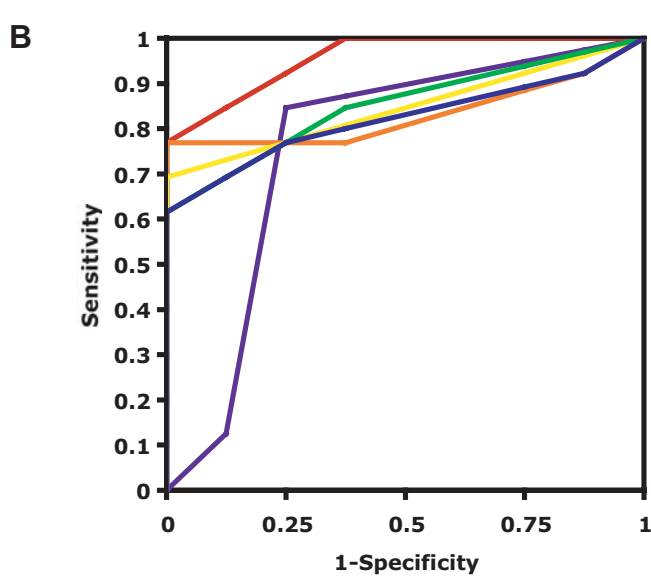
Empty vector (background)

S5A**B****C**

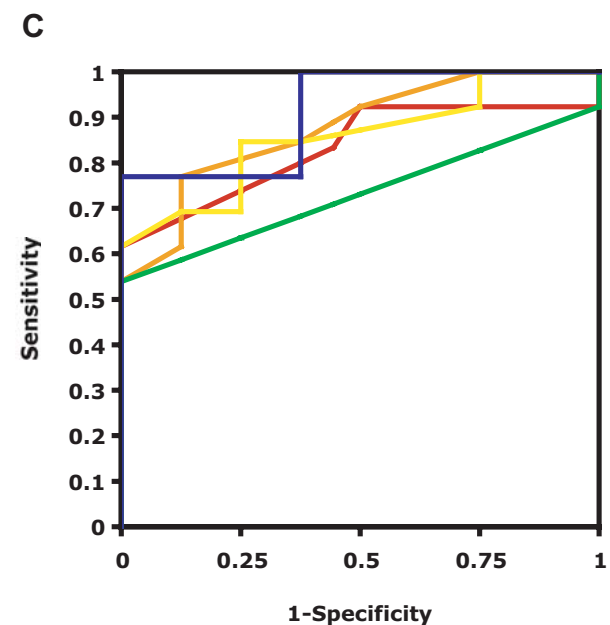
S5D**E**



15 bp window ■
 20 bp window ■
 25 bp window ■
 30 bp window ■
 15-20 bp window averaging ■

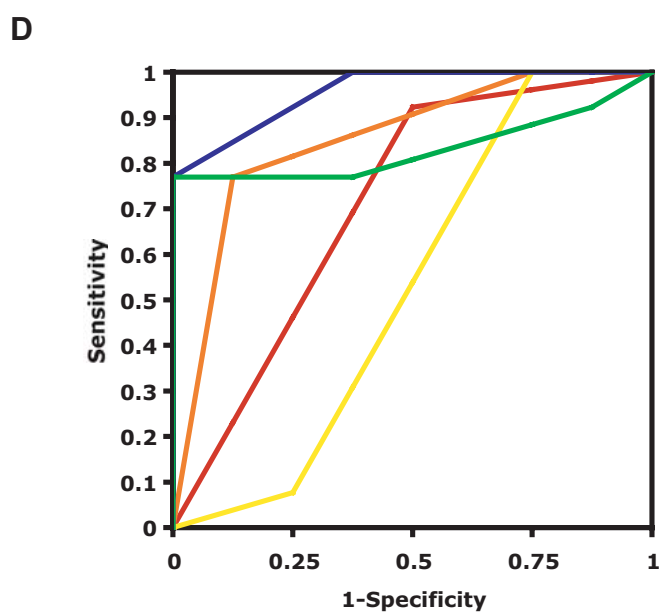


15 bp window ■
 16 bp window ■
 17 bp window ■
 18 bp window ■
 19 bp window ■
 14 bp window ■



elegans-briggsae ■
elegans-briggsae-brenneri ■
elegans-briggsae-remanei ■
elegans-briggsae-brenneri-remanei ■
elegans-briggsae-brenneri-remanei-PS1010 ■

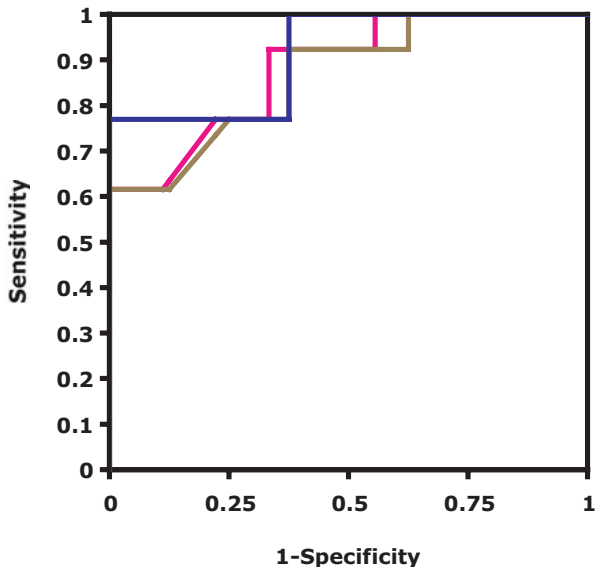
15-20 bp window averaging



elegans-briggsae ■
elegans-briggsae-brenneri ■
elegans-briggsae-remanei ■
elegans-briggsae-brenneri-remanei ■
elegans-briggsae-brenneri-remanei-PS1010 ■

15 bp window

S6E



15-20-25-30 bp window averaging



15-20 bp window averaging



25-30 bp window averaging



S7A*unc-54**C. elegans**C. briggsae**C. brenneri**C. remanei***B***myo-2**C. elegans**C. briggsae**C. brenneri**C. remanei***C***myo-3**C. elegans**C. briggsae**C. brenneri**C. remanei*