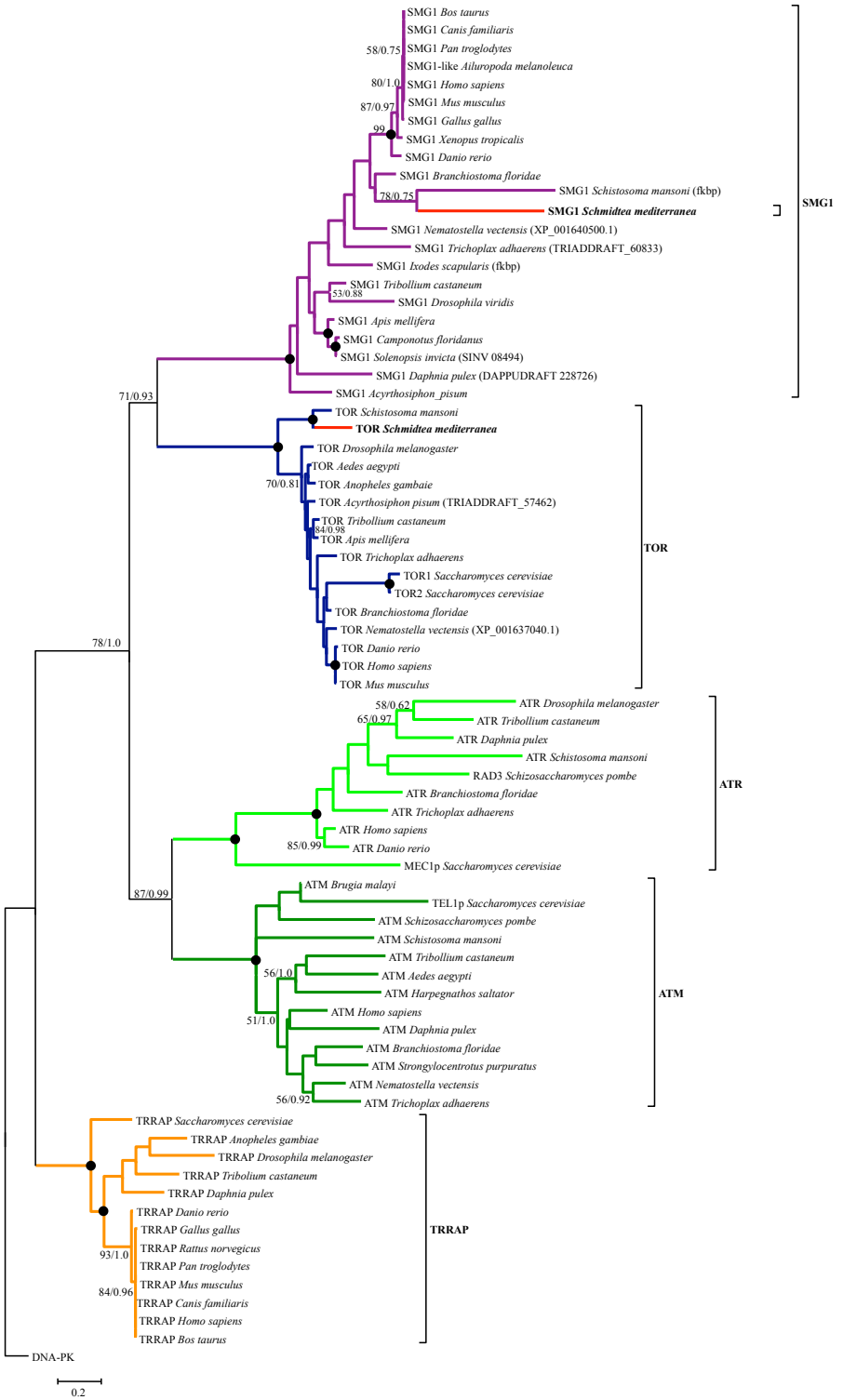
A

hSMG-1
FAT
FRB
PIKK
FATC
mTOR
FAT
FRB
PIKK
FATC
ATM
RAD3
PIKK
FATC
ATR
RAD3
PIKK
FATC
DNA-PK
PIKK
FATC

B


SMG1 Bos taurus
SMG1 Canis familiaris
SMG1 Pan troglodytes
SMG1-like Ailuropoda melanoleuca
SMG1 Homo sapiens
SMG1 Mus musculus
SMG1 Gallus gallus
SMG1 Xenopus tropicalis
SMG1 Danio rerio
SMG1 Branchiostoma floridae
SMG1 Schistosoma mansoni (fkbp)
SMG1 Schmidtea mediterranea
SMG1 Nematostella vectensis (XP_001640500.1)
SMG1 Trichoplax adhaerens (TRIADDRAFT_60833)
SMG1 Ixodes scapularis (fkbp)
SMG1 Tribollium castaneum
SMG1 Drosophila viridis
SMG1 Apis mellifera
SMG1 Camponotus floridanus
SMG1 Solenopsis invicta (SINV 08494)
SMG1 Daphnia pulex (DAPPUDRAFT 228726)
SMG1 Acyrthosiphon_pisum
TOR Schistosoma mansoni
TOR Schmidtea mediterranea
TOR Drosophila melanogaster
TOR Aedes aegypti
TOR Anopheles gambaie
TOR Acyrthosiphon pisum (TRIADDRAFT_57462)
TOR Tribollium castaneum
TOR Apis mellifera
TOR Trichoplax adhaerens
TOR1 Saccharomyces cerevisiae
TOR2 Saccharomyces cerevisiae
TOR Branchiostoma floridae
TOR Nematostella vectensis (XP_001637040.1)
TOR Danio rerio
TOR Homo sapiens
TOR Mus musculus
ATR Drosophila melanogaster
ATR Tribollium castaneum
ATR Daphnia pulex
ATR Schistosoma mansoni
RAD3 Schizosaccharomyces pombe
ATR Branchiostoma floridae
ATR Trichoplax adhaerens
ATR Homo sapiens
ATR Danio rerio
MEC1p Saccharomyces cerevisiae
ATM Brugia malayi
TEL1p Saccharomyces cerevisiae
ATM Schizosaccharomyces pombe
ATM Schistosoma mansoni
ATM Tribollium castaneum
ATM Aedes aegypti
ATM Harpegnathos saltator
ATM Homo sapiens
ATM Daphnia pulex
ATM Branchiostoma floridae
ATM Strongylocentrotus purpuratus
ATM Nematostella vectensis
ATM Trichoplax adhaerens
TRRAP Saccharomyces cerevisiae
TRRAP Anopheles gambiae
TRRAP Drosophila melanogaster
TRRAP Tribolium castaneum
TRRAP Daphnia pulex
TRRAP Danio rerio
TRRAP Gallus gallus
TRRAP Rattus norvegicus
TRRAP Pan troglodytes
TRRAP Mus musculus
TRRAP Canis familiaris
TRRAP Homo sapiens
TRRAP Bos taurus
DNA-PK
SMG1
TOR
ATR
ATM
TRRAP
58/0.75
80/1.0
87/0.97
99
78/0.75
53/0.88
71/0.93
70/0.81
84/0.98
78/1.0
58/0.62
65/0.97
85/0.99
87/0.99
56/1.0
51/1.0
56/0.92
93/1.0
84/0.96
0.2