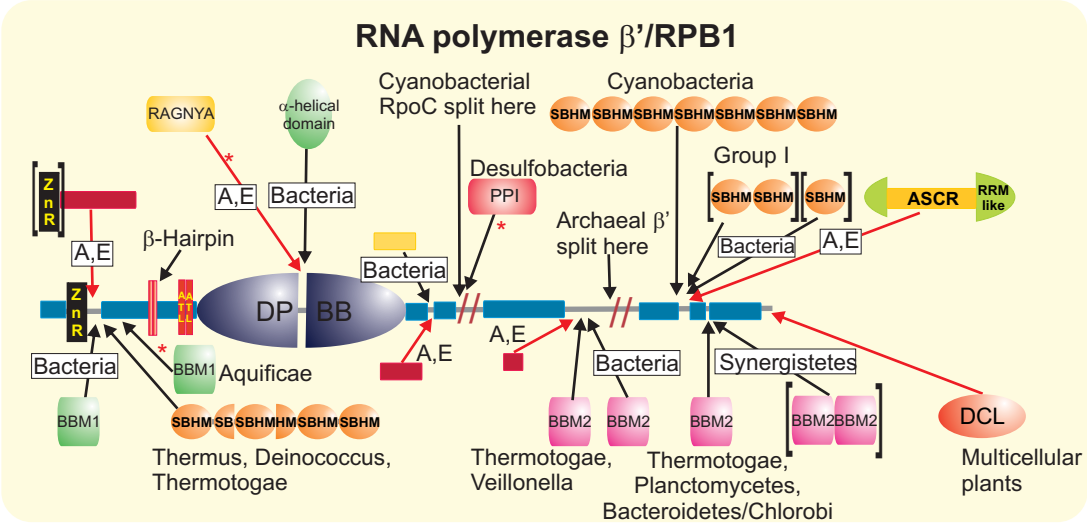
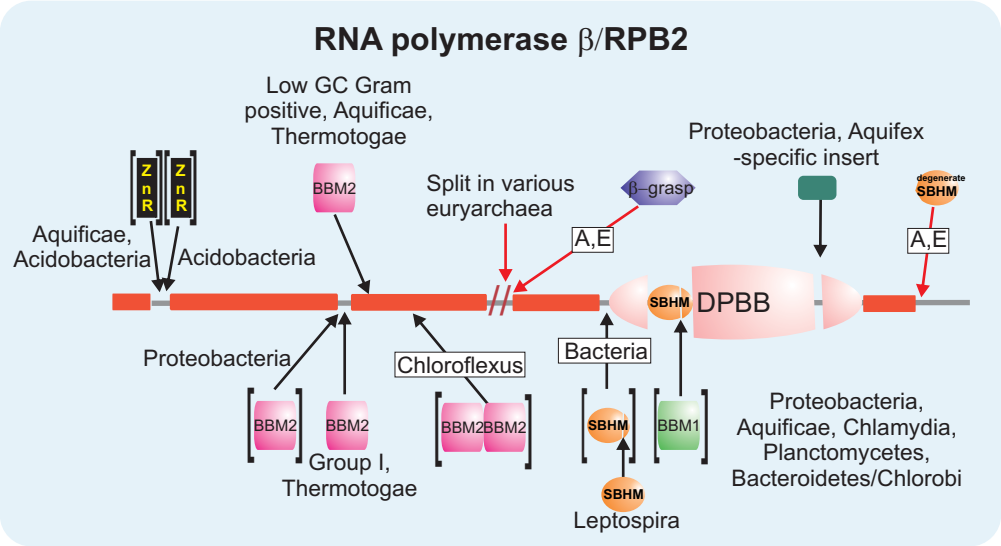
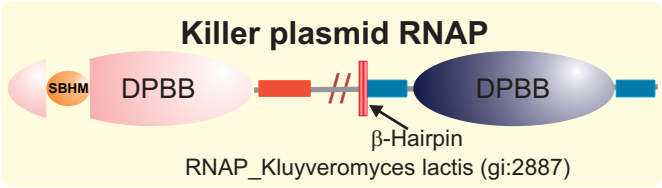
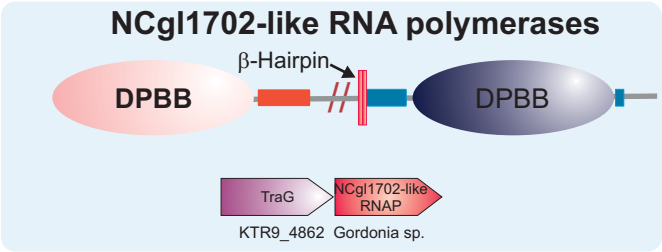
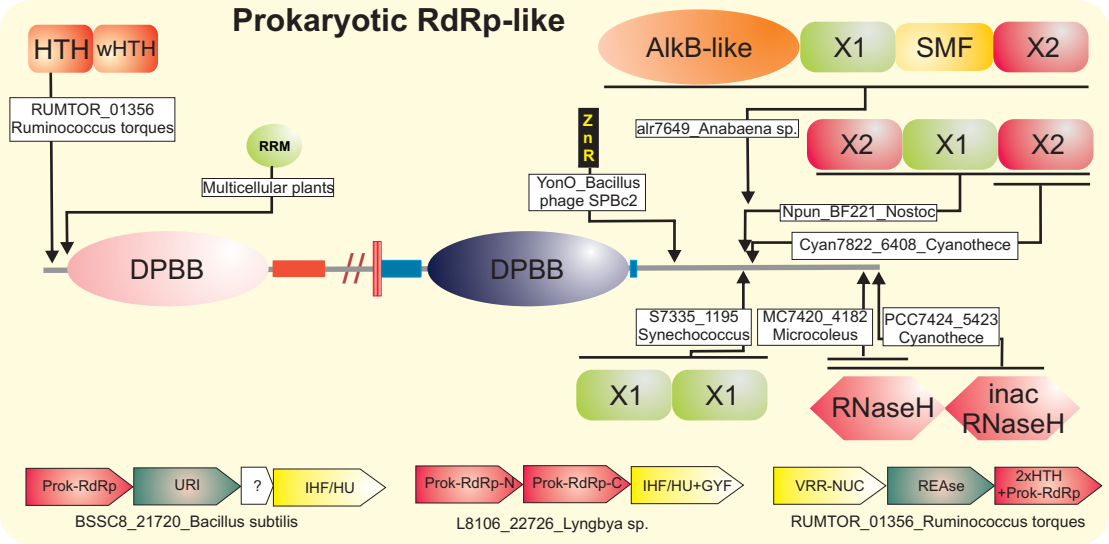

RNA polymerase β'/RPB1
RAGNYA
α-helical domain
Cyanobacterial RpoC split here
Cyanobacteria
SBHM SBHM SBHM SBHM SBHM SBHM SBHM
Desulfobacteria
PPI
Group I
SBHM SBHM SBHM
ASCR
RRM like
Archaeal β' split here
A,E
Bacteria
β-Hairpin
ZnR
DP
BB
BBM1
Aquificae
SBHM SB SBHMHM SBHM SBHM
Thermus, Deinococcus, Thermotogae
Thermotogae, Veillonella
BBM2
Thermotogae, Planctomycetes, Bacteroidetes/Chlorobi
Synergistetes
DCL
Multicellular plants


RNA polymerase β/RPB2
Low GC Gram positive, Aquificae, Thermotogae
Proteobacteria, Aquifex -specific insert
ZnR
BBM2
Split in various euryarchaea
β–grasp
degenerate SBHM
Aquificae, Acidobacteria
Acidobacteria
A,E
SBHM
DPBB
Proteobacteria
Chloroflexus
Bacteria
BBM2
Group I, Thermotogae
SBHM
BBM1
Leptospira
Proteobacteria, Aquificae, Chlamydia, Planctomycetes, Bacteroidetes/Chlorobi


Killer plasmid RNAP
SBHM
DPBB
DPBB
β-Hairpin
RNAP_Kluyveromyces lactis (gi:2887)


NCgl1702-like RNA polymerases
β-Hairpin
DPBB
DPBB
TraG
NCgl1702-like RNAP
KTR9_4862 Gordonia sp.


Prokaryotic RdRp-like
HTH
wHTH
RUMTOR_01356 Ruminococcus torques
RRM
Multicellular plants
AlkB-like
X1
SMF
X2
alr7649_Anabaena sp.
ZnR
YonO_Bacillus phage SPBc2
Npun_BF221_Nostoc
Cyan7822_6408_Cyanothece
DPBB
DPBB
S7335_1195 Synechococcus
MC7420_4182 Microcoleus
PCC7424_5423 Cyanothece
RNaseH
inac RNaseH
Prok-RdRp
URI
?
IHF/HU
BSSC8_21720_Bacillus subtilis
Prok-RdRp-N
Prok-RdRp-C
IHF/HU+GYF
L8106_22726_Lyngbya sp.
VRR-NUC
REAse
2xHTH +Prok-RdRp
RUMTOR_01356_Ruminococcus torques