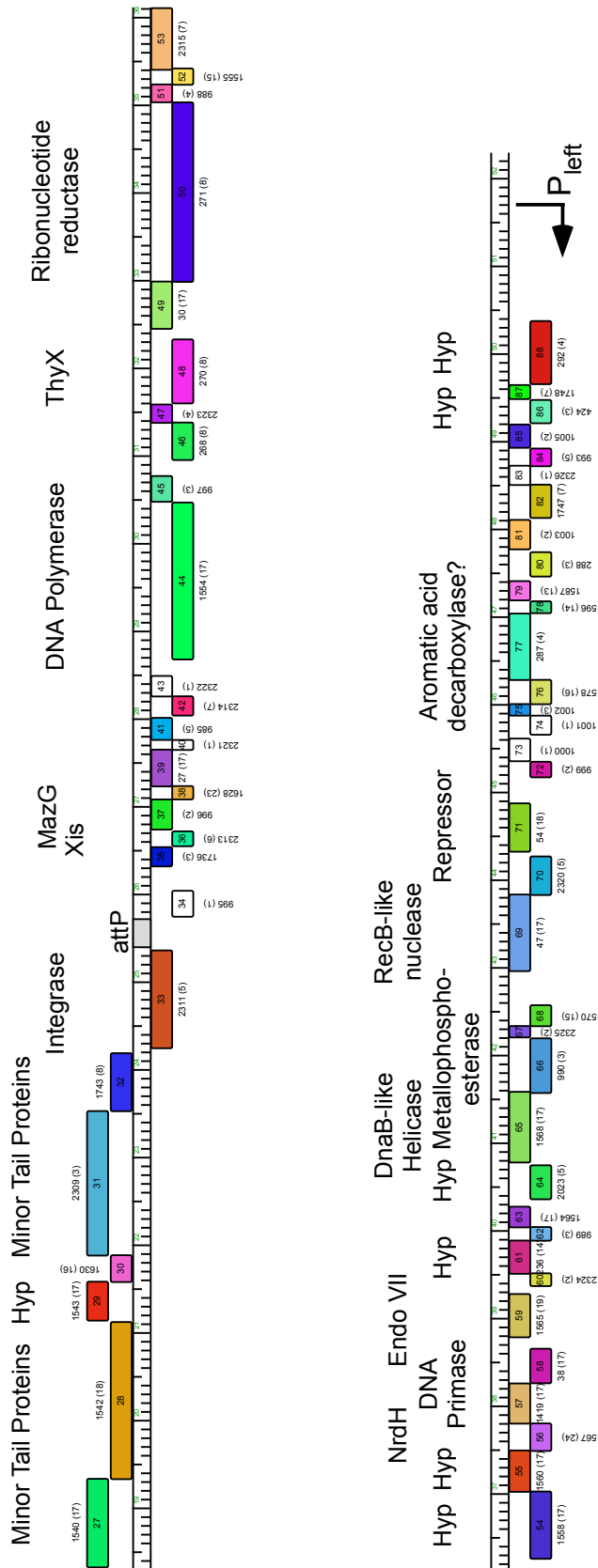
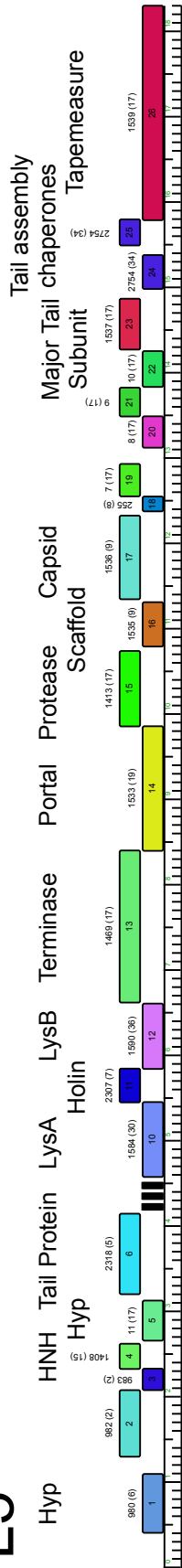


## Genome Maps

The maps included here are part of a review: The secret lives of mycobacteriophages  
Hatfull, G. F. (2012). *Advances in Virus Research* **82**: 179-288.

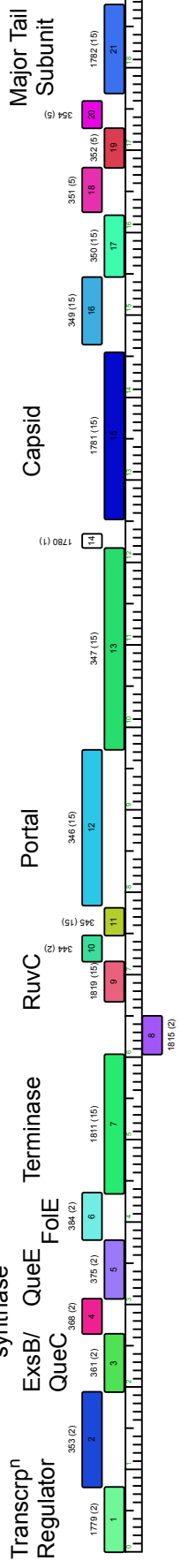
<b>Phage Name</b>	<b>Member of Cluster</b>
L5	A
Rosebush	B
Bxz1	C
PBI1	D
Cjw1	E
Fruitloop	F
BPs	G
Barnyard	H
Che9c	I
Omega	J
TM4	K
LeBron	L
Corndog	O
Giles	Q
Wildcat	Singleton

# L5



# Rosebush

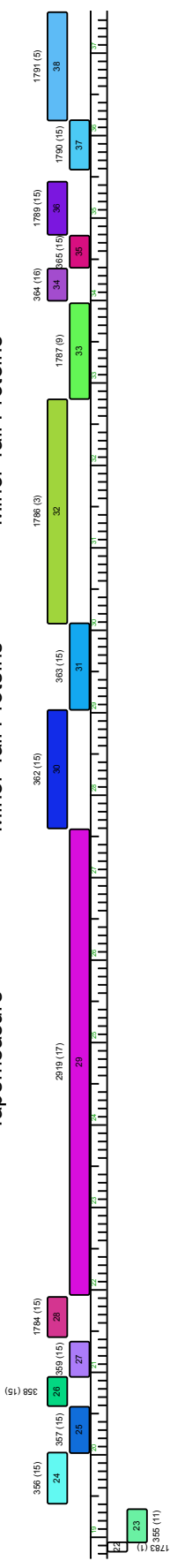
6-pyruvoyl tetrahydropterin  
synthase



Tapemeasure

Minor Tail Proteins

Minor Tail Proteins



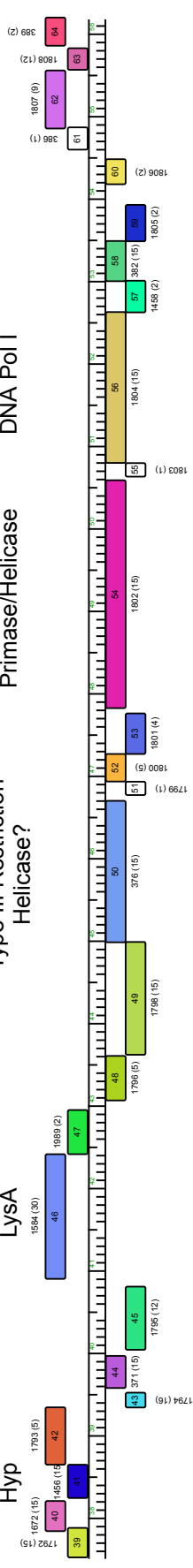
Hyp

LysA

Type III Restriction Helicase?

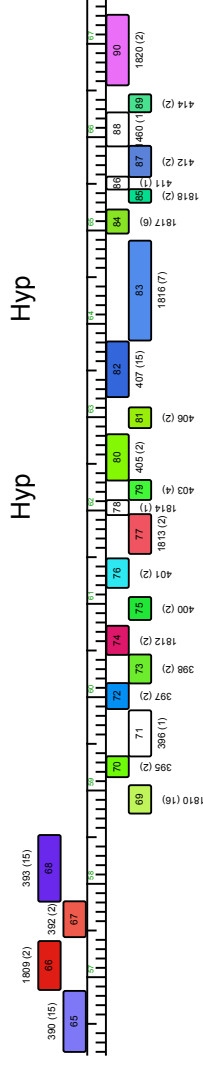
Primase/Helicase

DNA Pol I



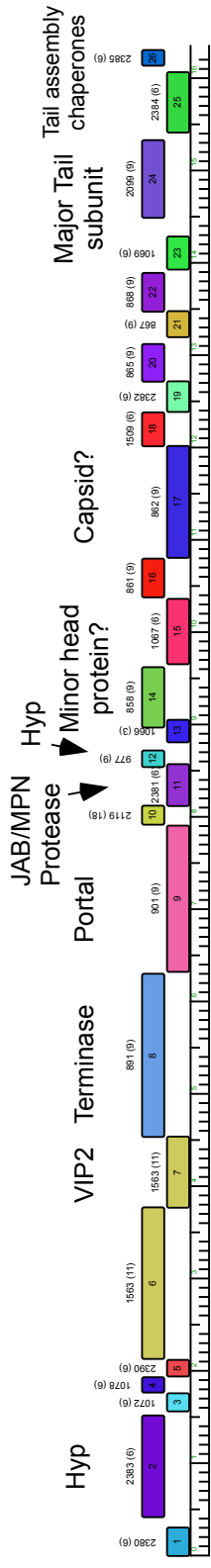
Hyp

Hyp

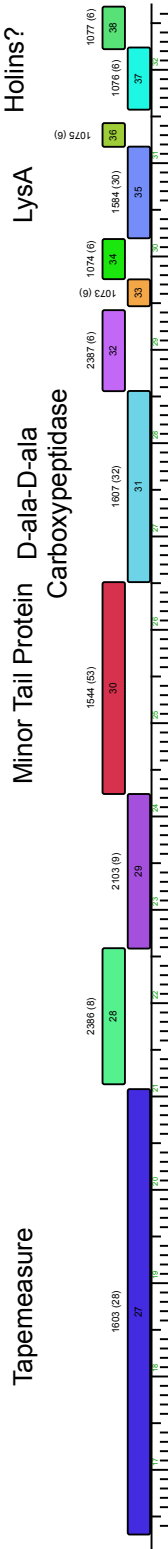




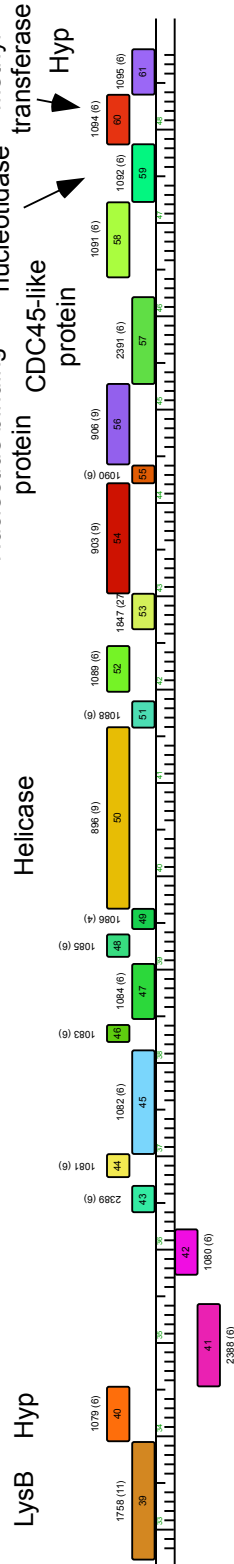
# PBI1



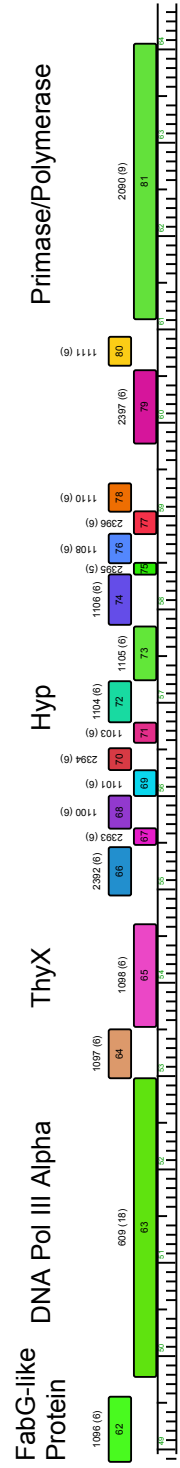
## Tapemeasure



## LysB Hyp

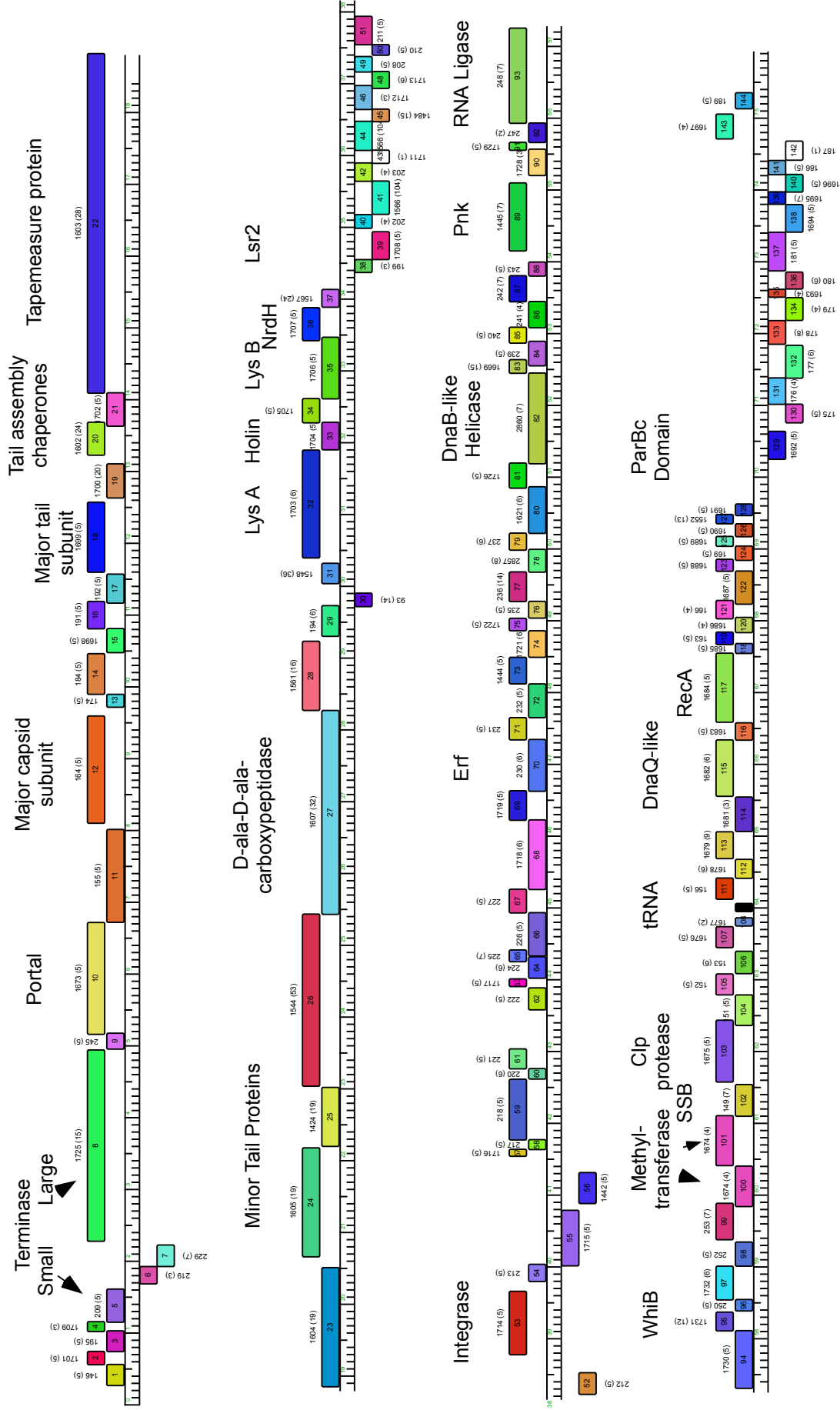


## FabG-like Protein

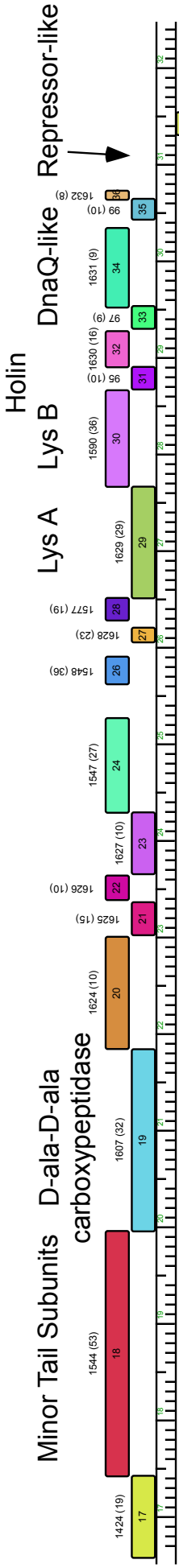
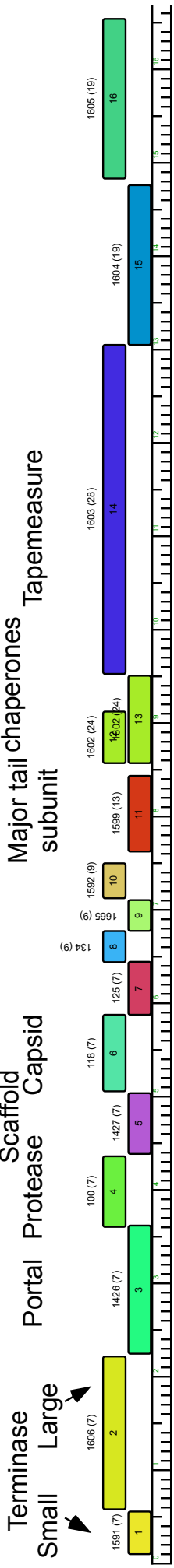


# Cjw1

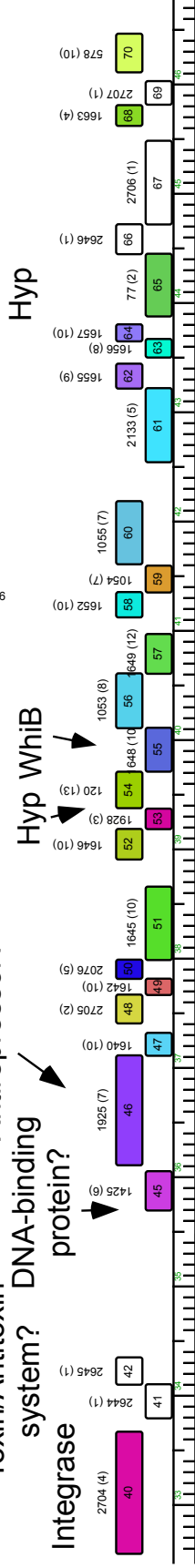
9



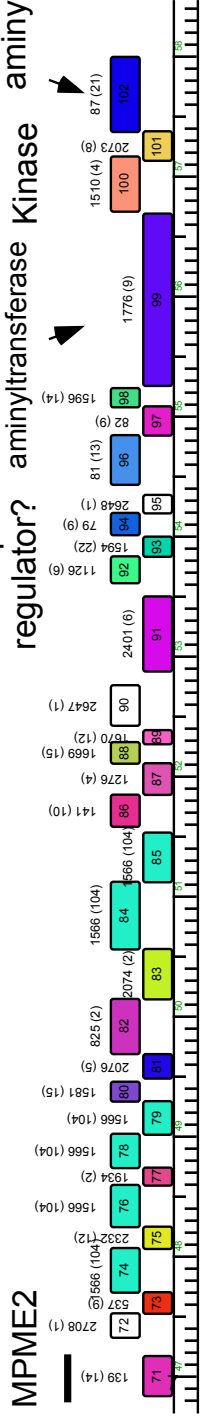
# Fruitloop



# Toxin/Antitoxin system? DNA-binding protein? Antirepressor?



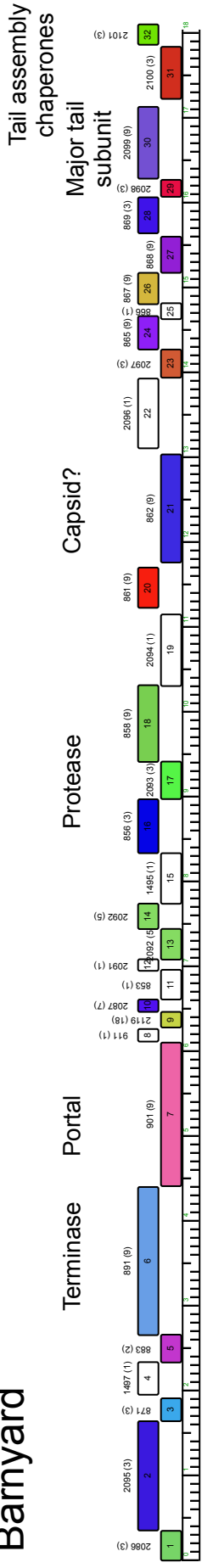
# Polypeptide Transcription regulator? N-acetylgalactos- Ser/Thr aminyltransferase Kinase



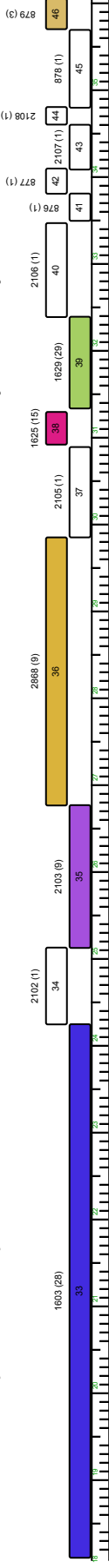




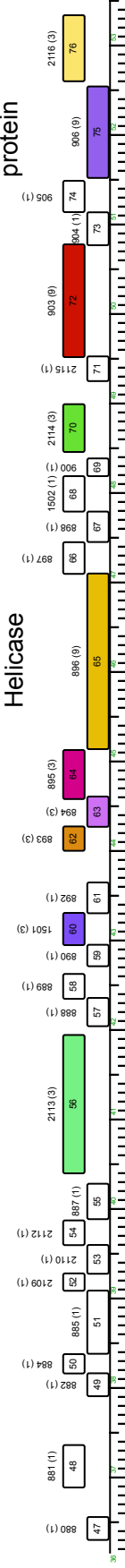
# Barnyard



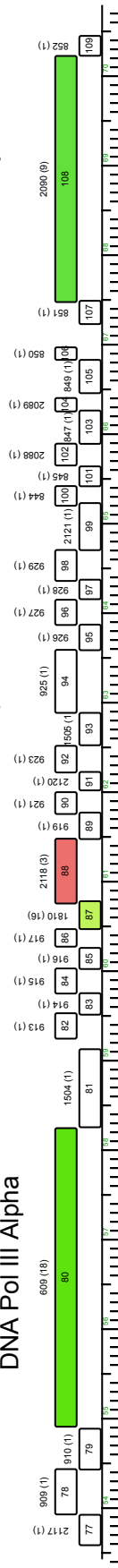
## Tapemeasure protein



## Nucleotide binding protein

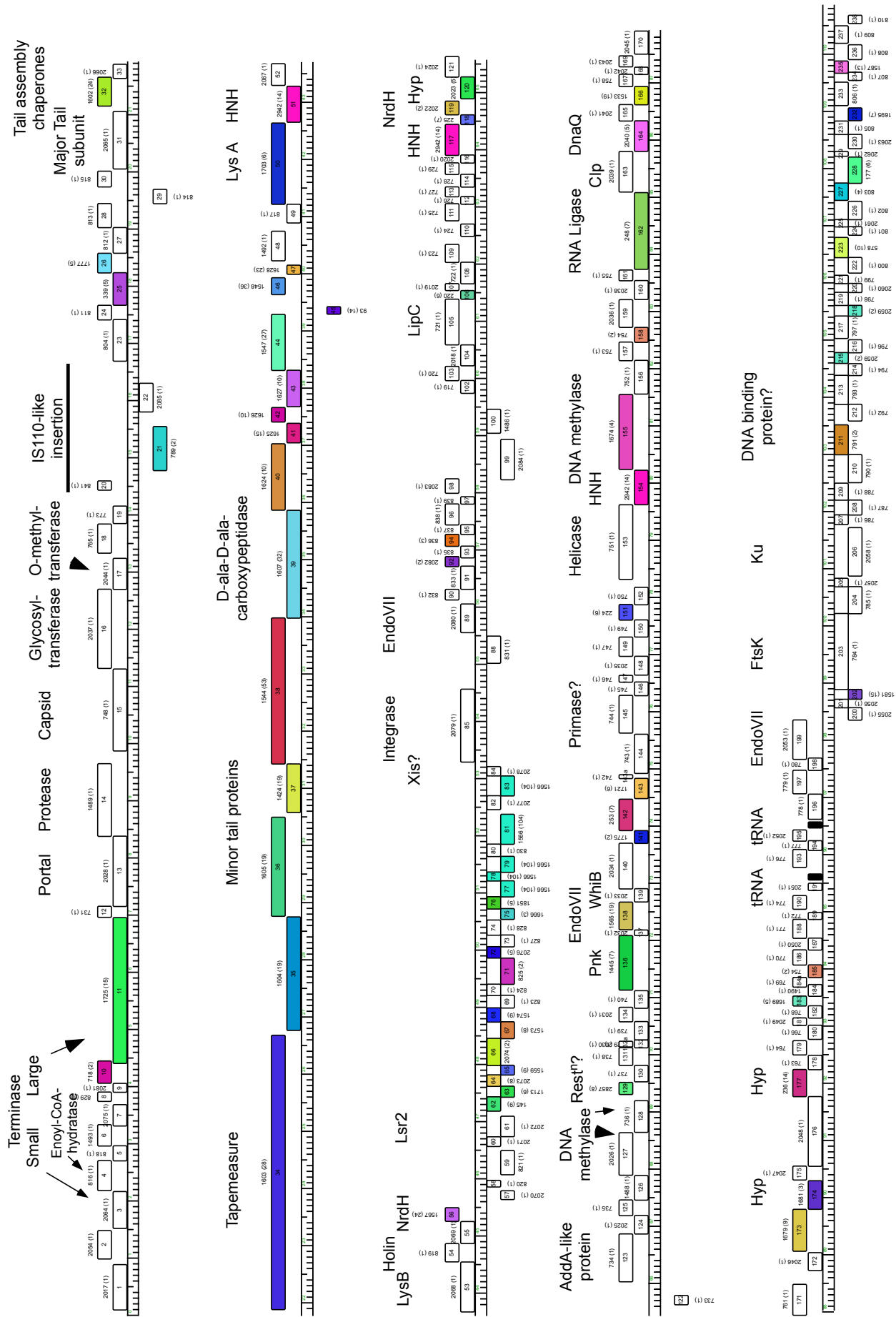


## DNA Pol III Alpha





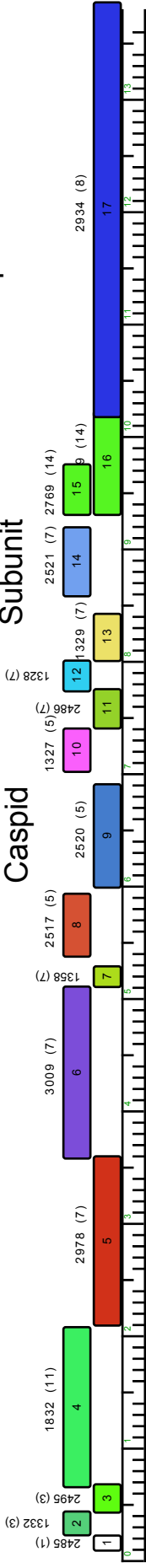
# Omega



# TM4

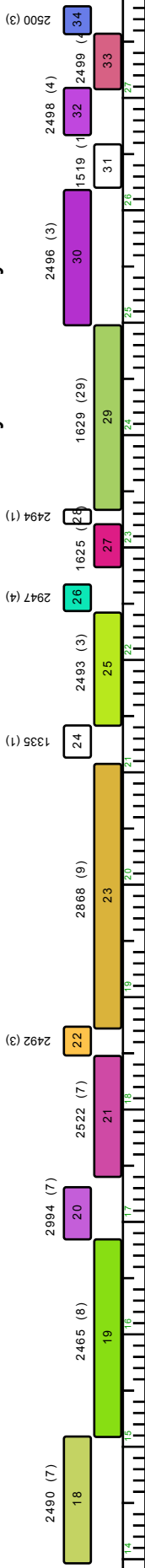
Tail assembly  
chaperones  
Major Tail  
Subunit  
Tapemeasure

Terminase Portal Protease Scaffold Caspid



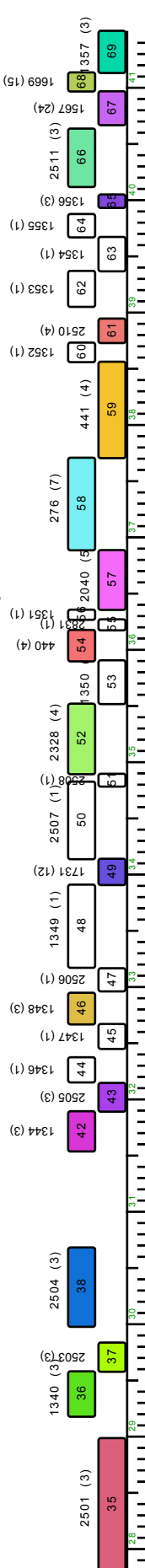
## Minor Tail Proteins

LysA LysB HoIin



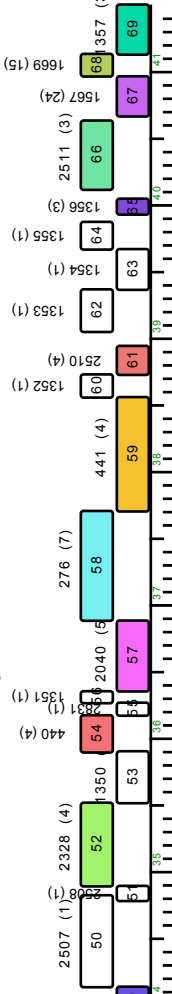
## DNA-binding protein?

WhiB



## DnaQ-like protein

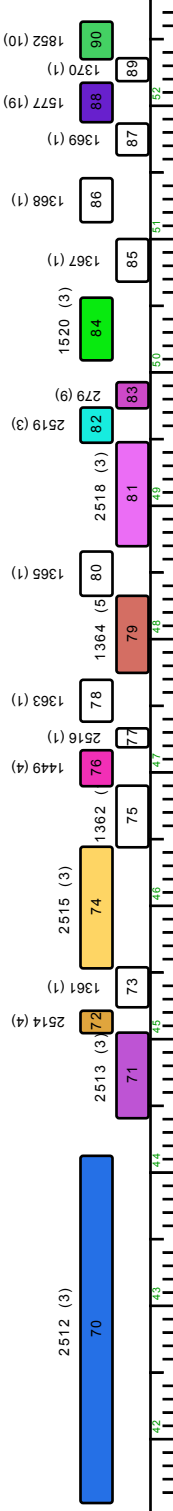
Hyp



NrdH

## DNA-binding protein?

RusA

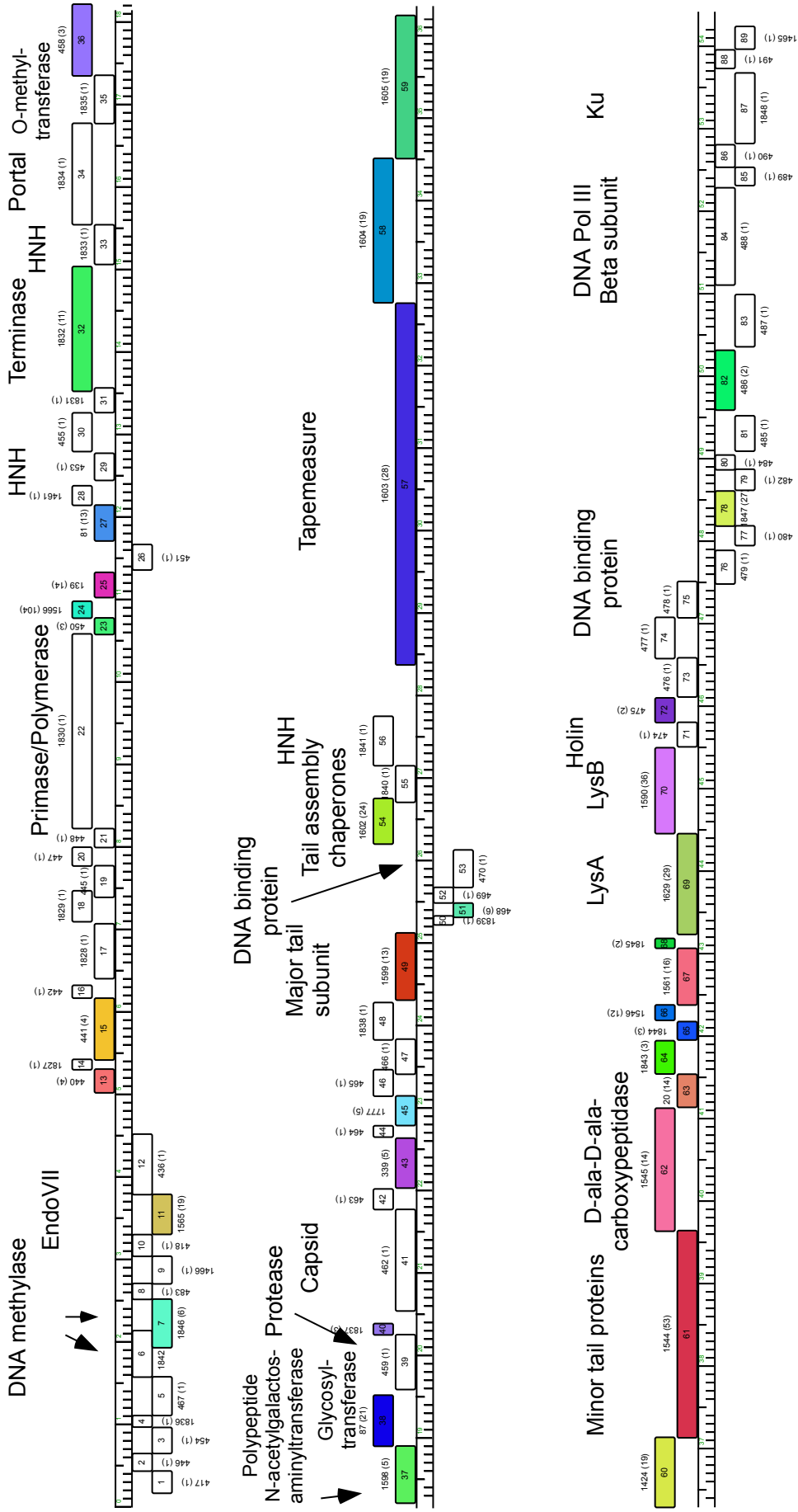


HNH

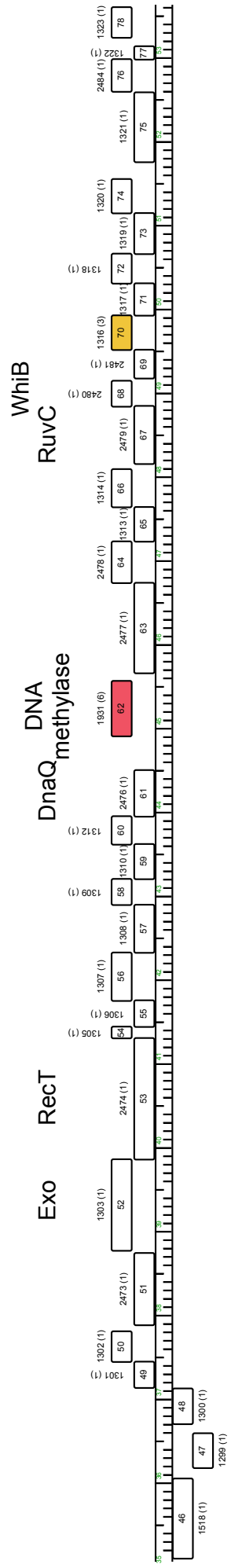
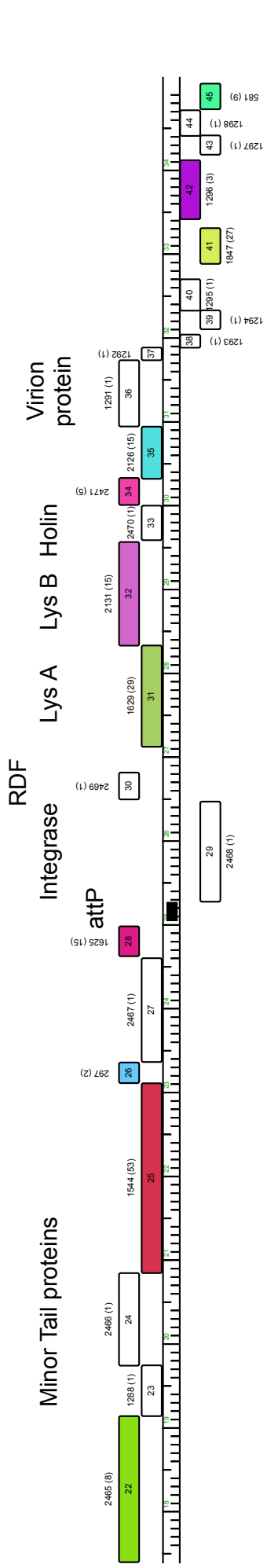
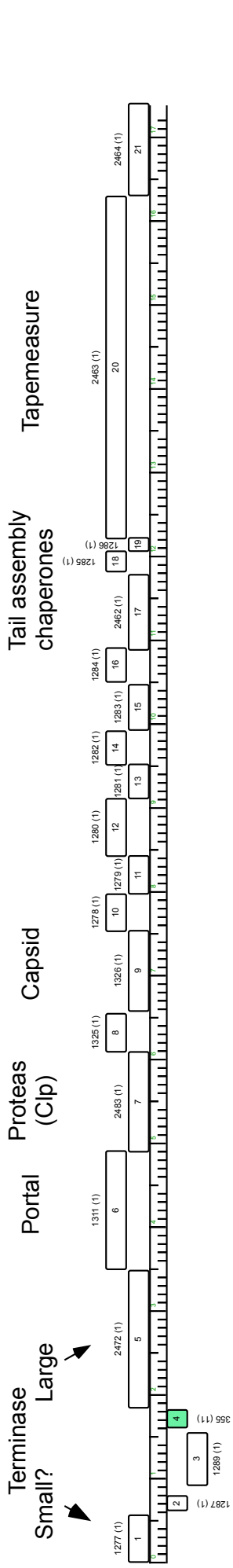
Primase/Helicase



# Corndog



# Giles



# Wildcat

