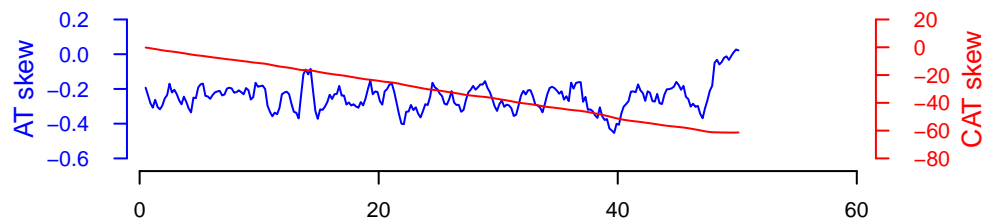
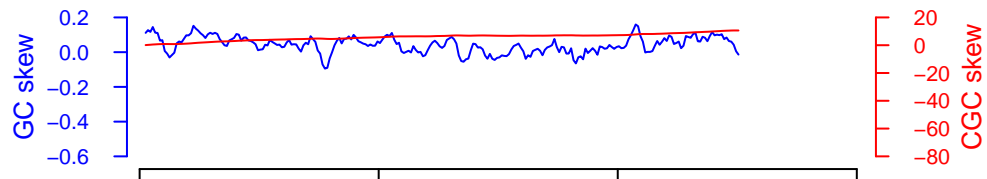
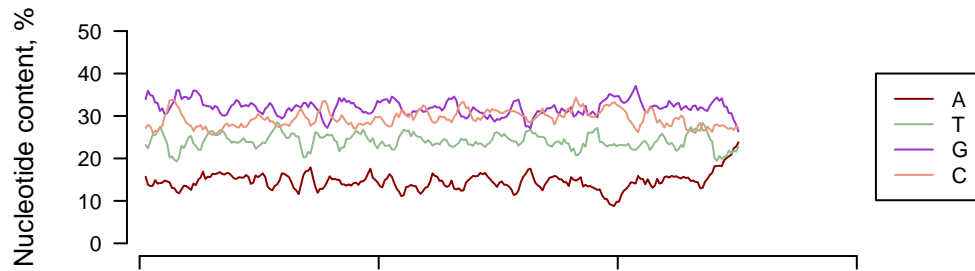
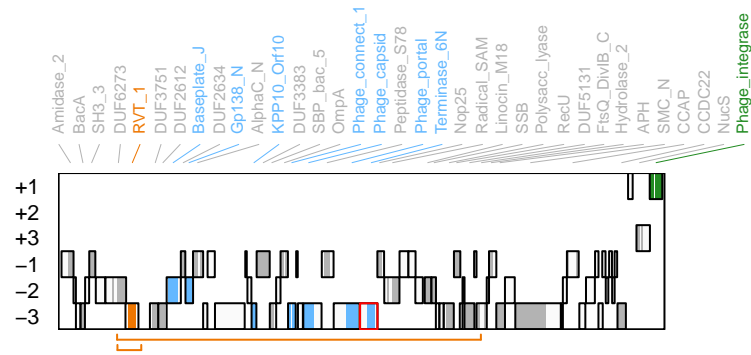
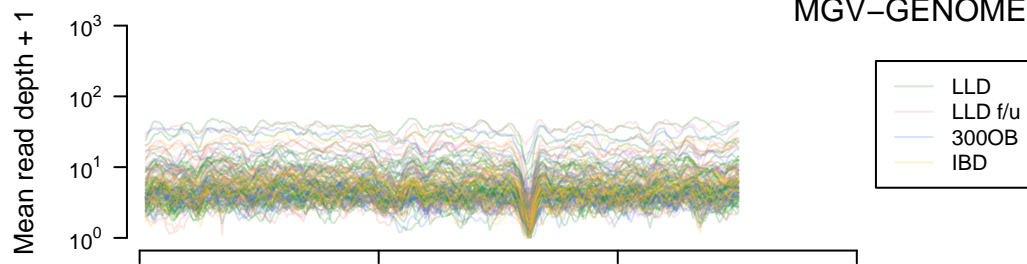
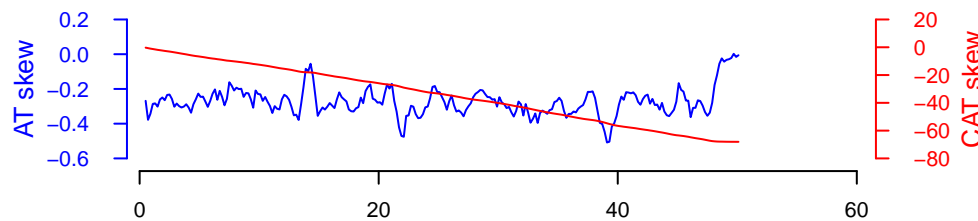
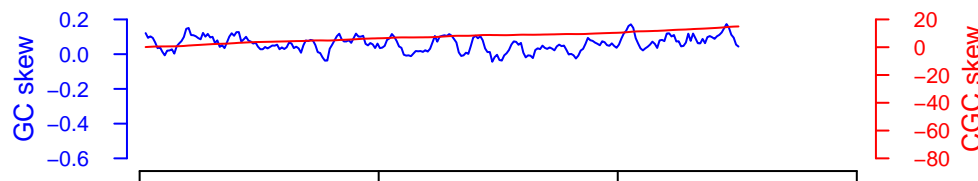
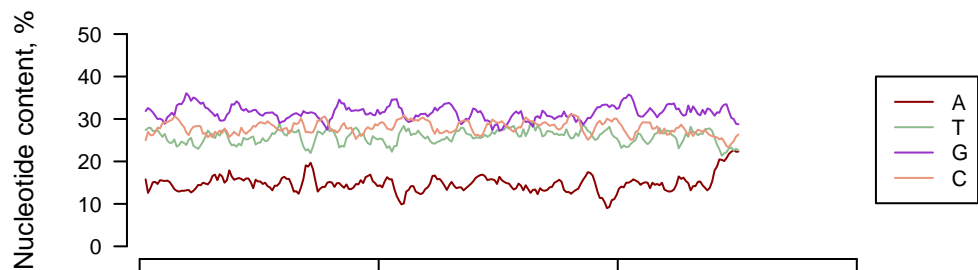
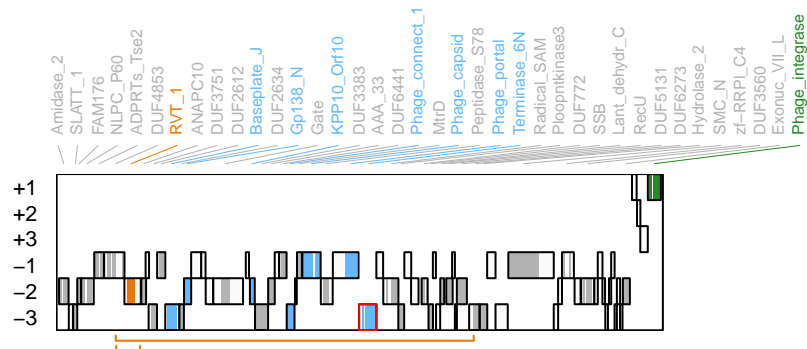
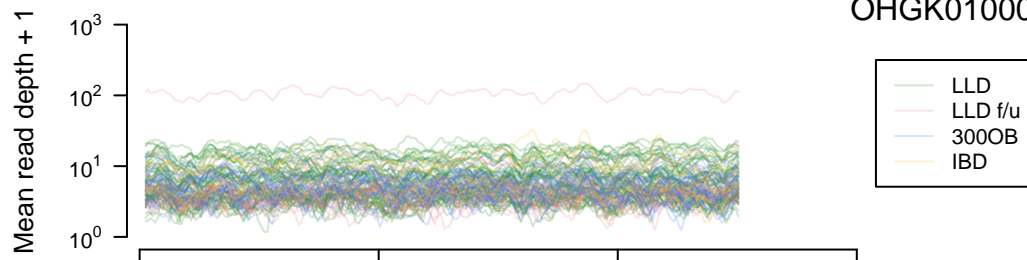


# MGV-GENOME-0312075 (DTR, code 11)



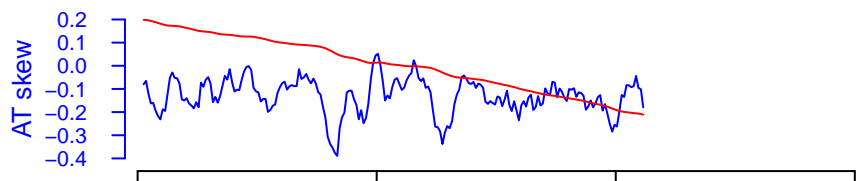
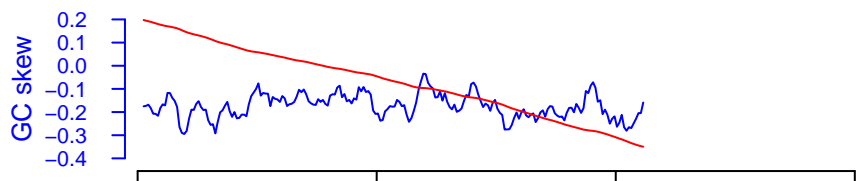
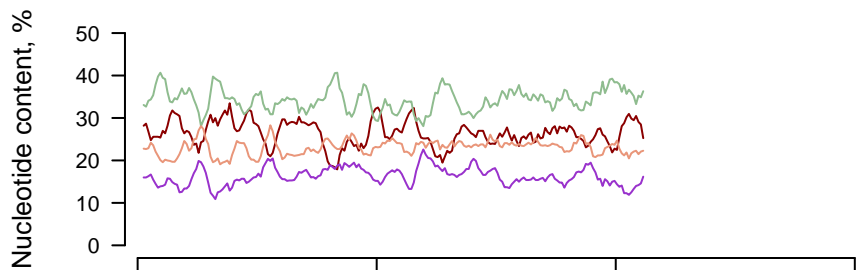
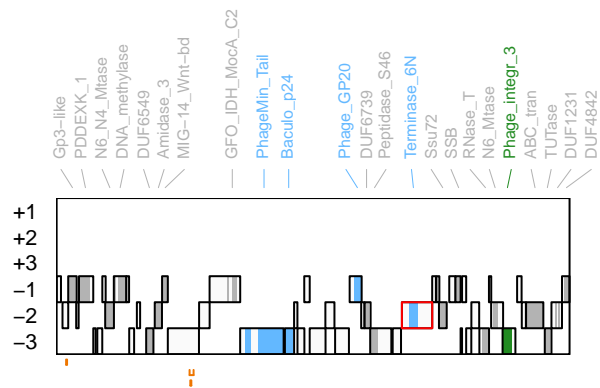
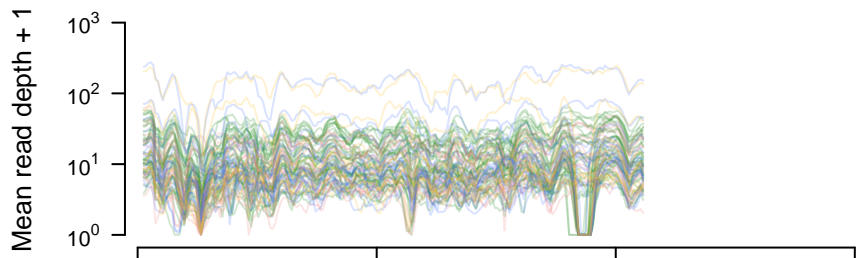
Genome, kb

# OHGK01000149.1 (DTR, code 11)



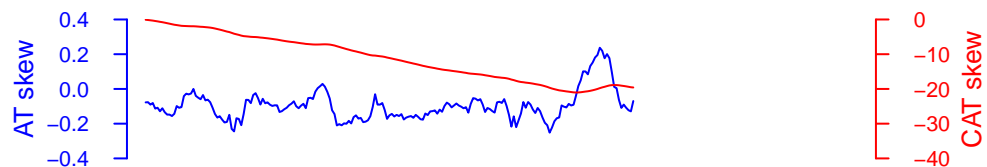
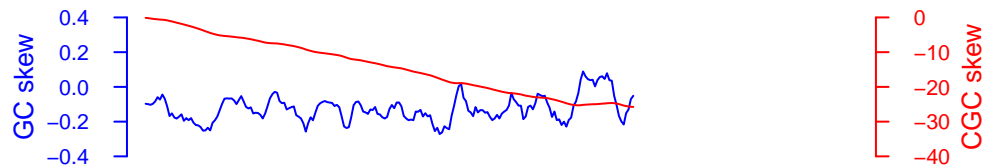
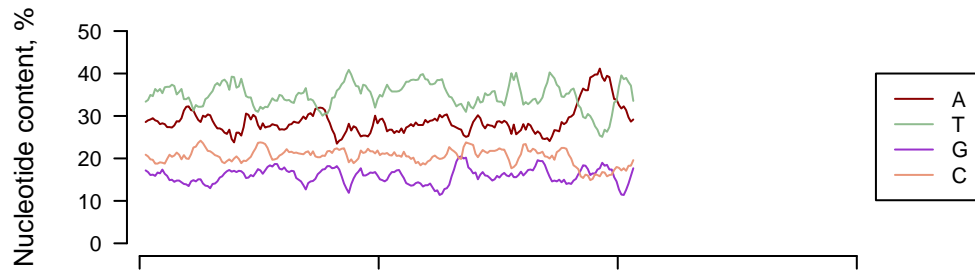
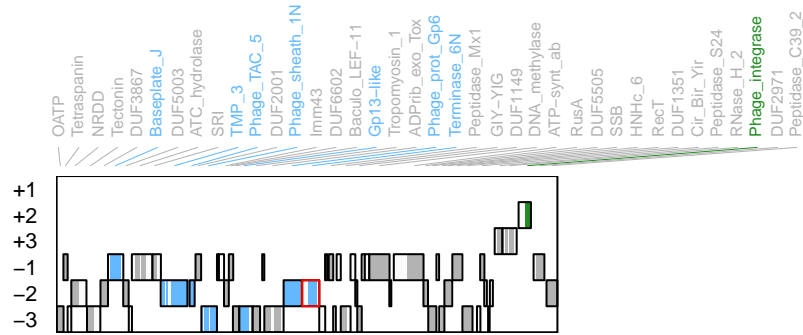
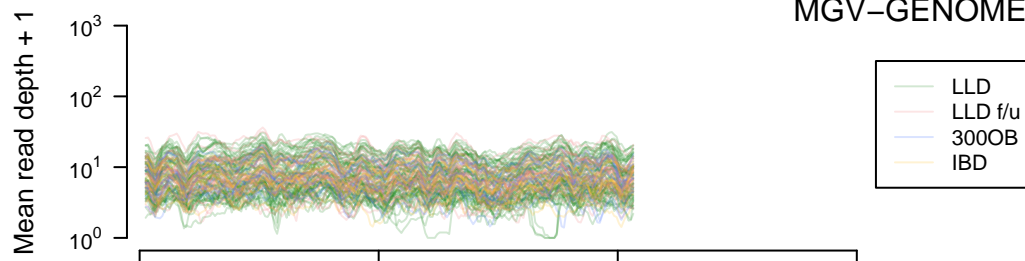
Genome, kb

# uvig\_192395 (DTR, code 11)



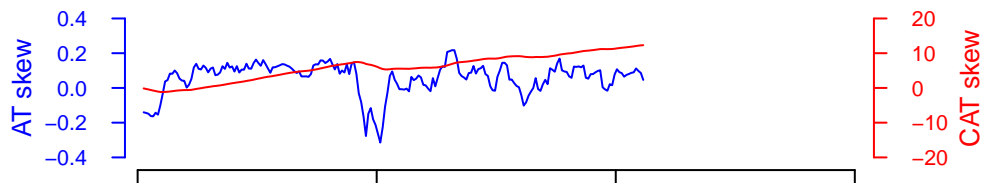
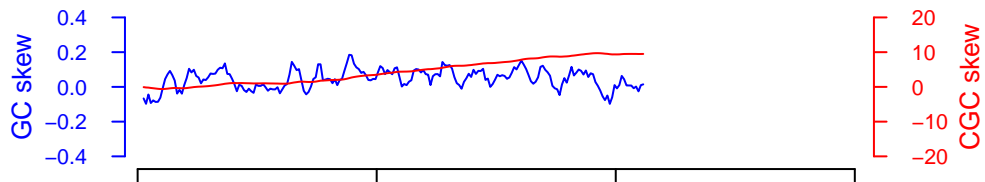
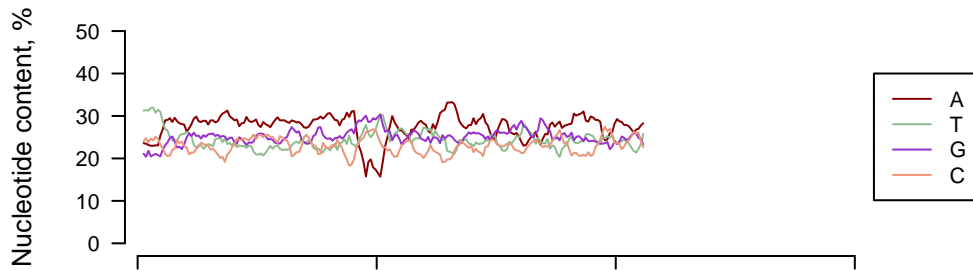
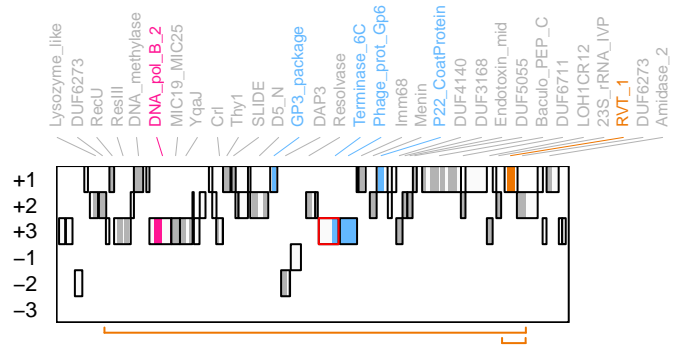
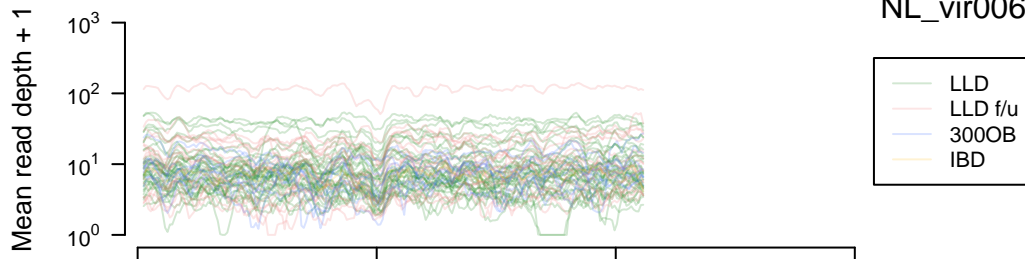
Genome, kb

# MGV-GENOME-0278294 (DTR, code 11)



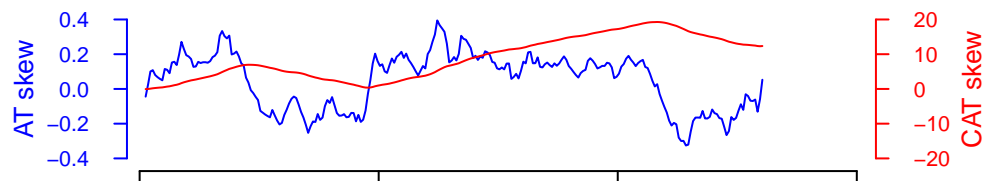
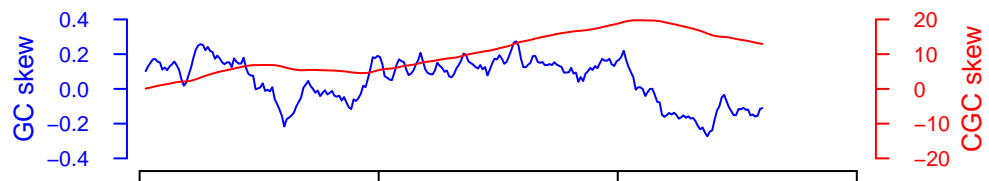
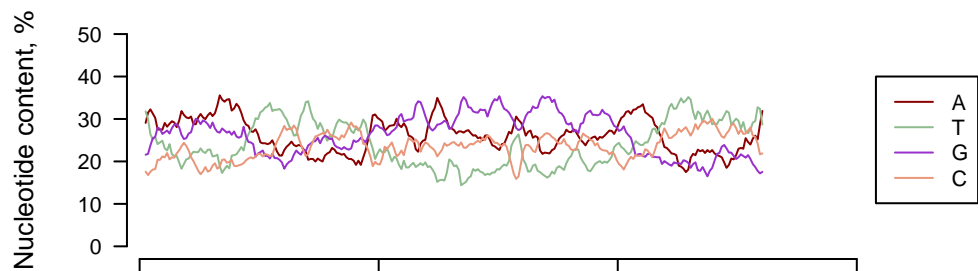
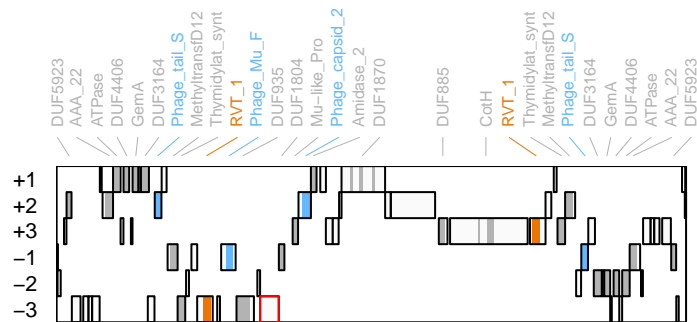
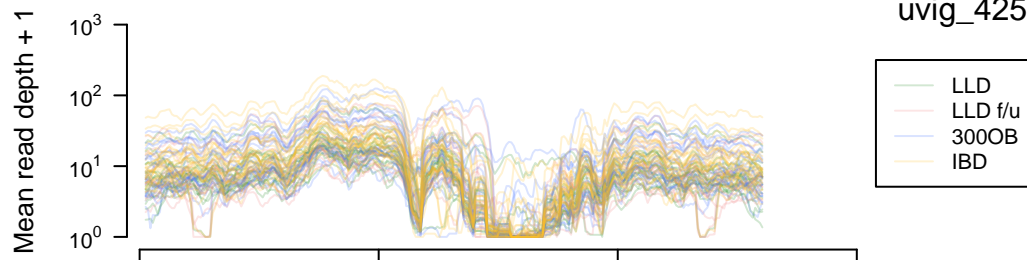
Genome, kb

# NL\_vir006651 (DTR, code 11)



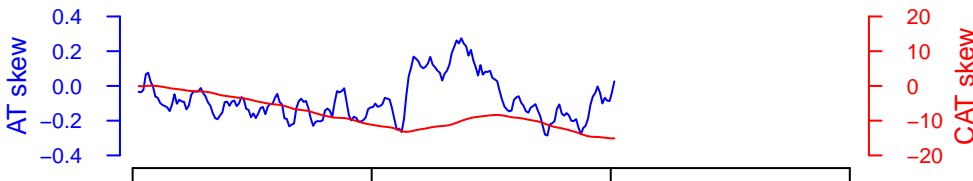
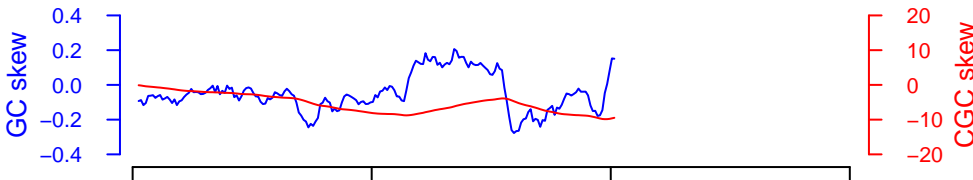
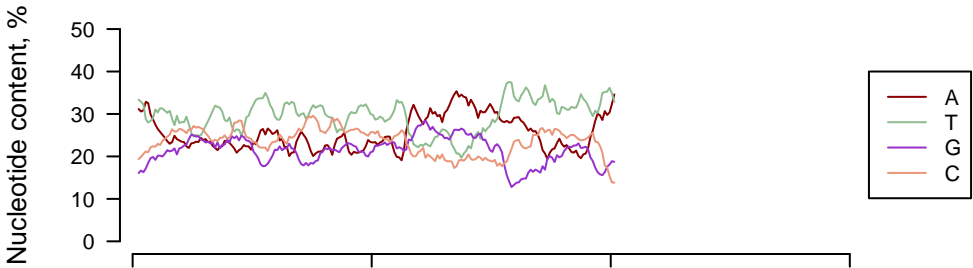
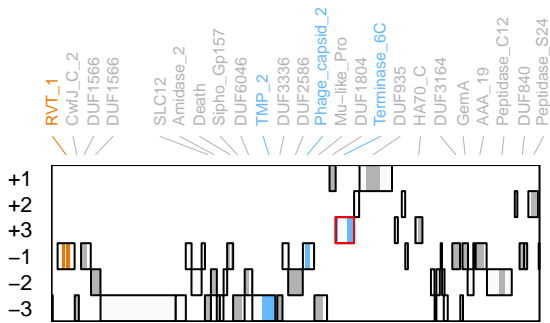
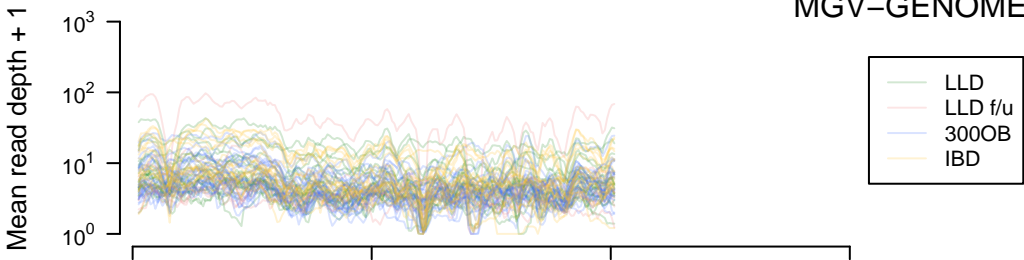
Genome, kb

# uvig\_425355 (ITR, code 11)

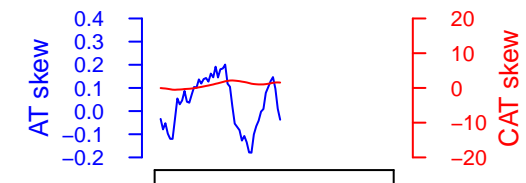
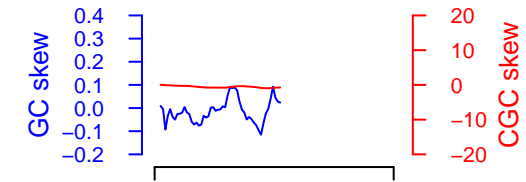
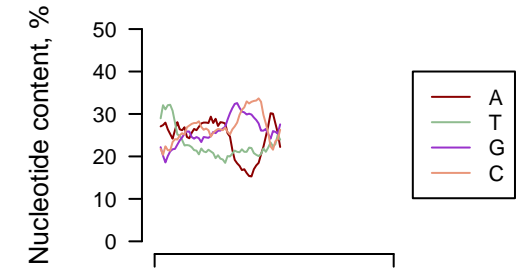
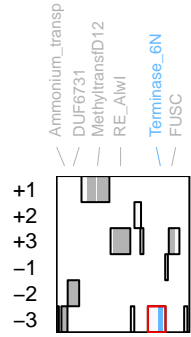
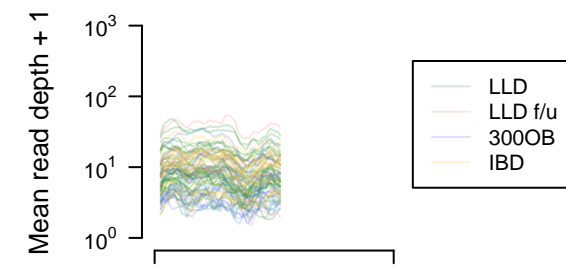


Genome, kb

MGV-GENOME-0272770 (ITR, code 15)



Genome, kb

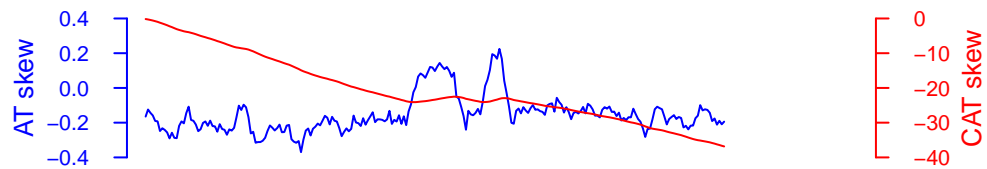
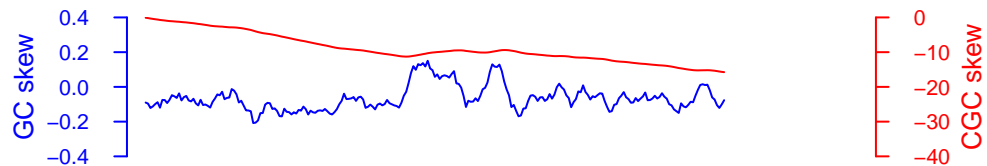
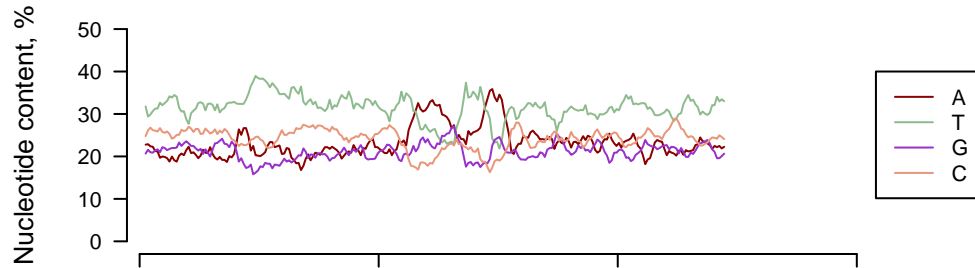
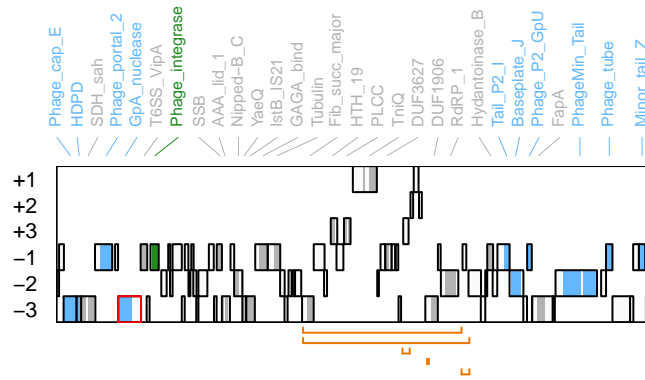
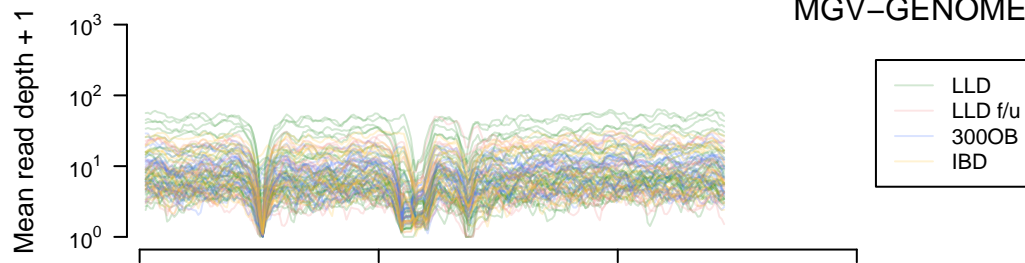


0 20

Genome, kb

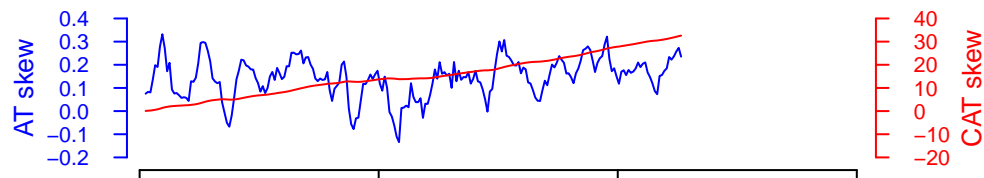
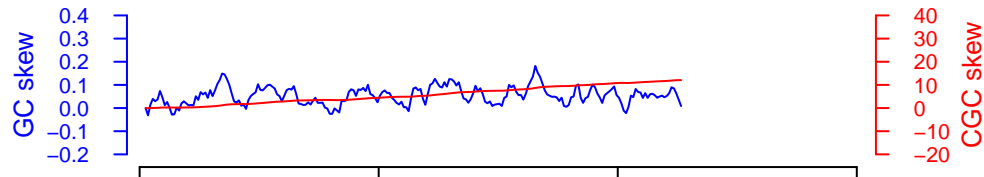
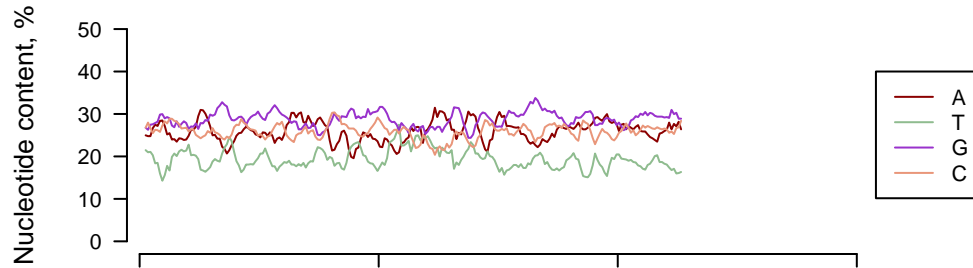
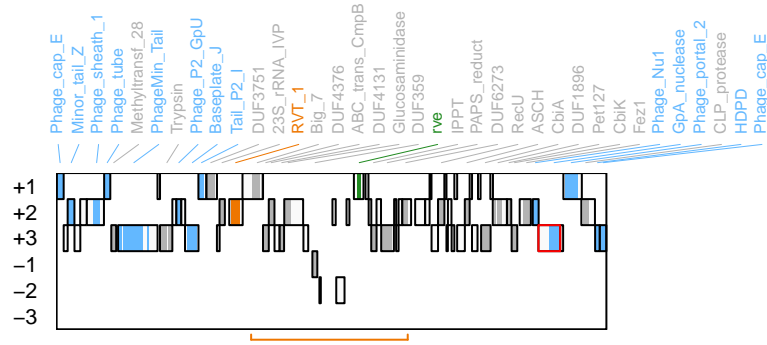
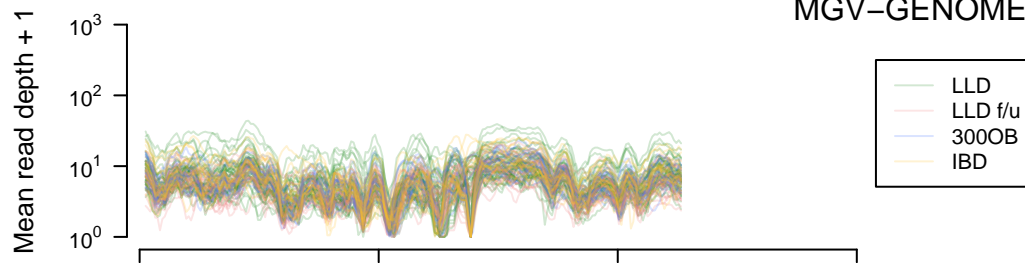


# MGV-GENOME-0308888 (DTR, code 15)



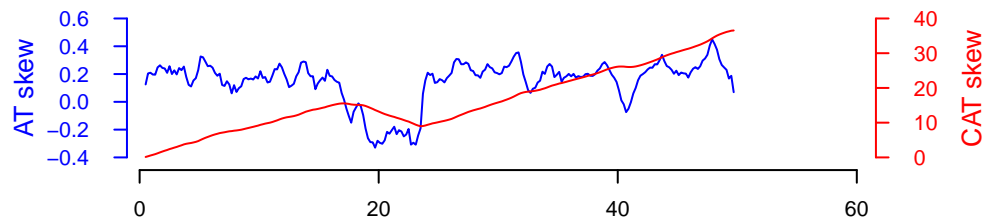
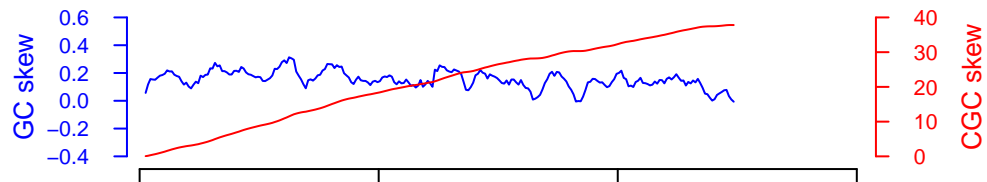
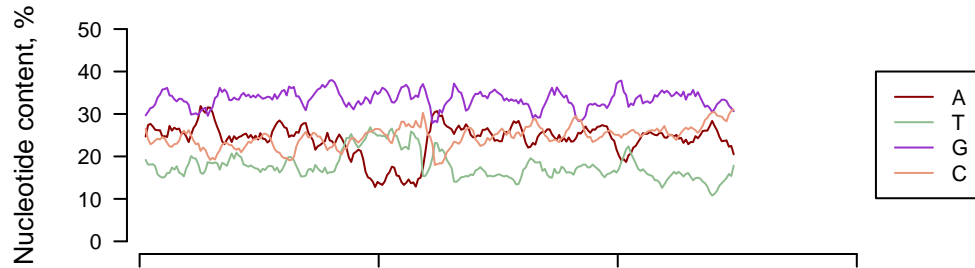
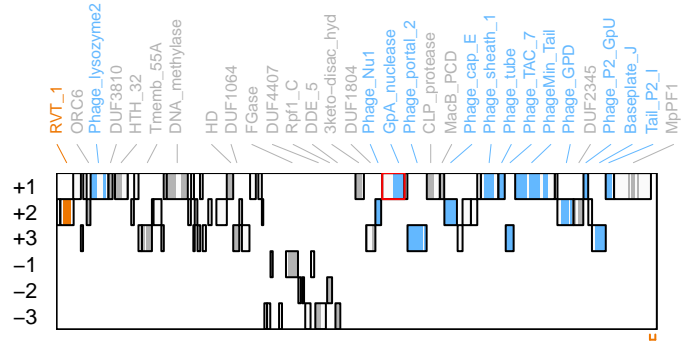
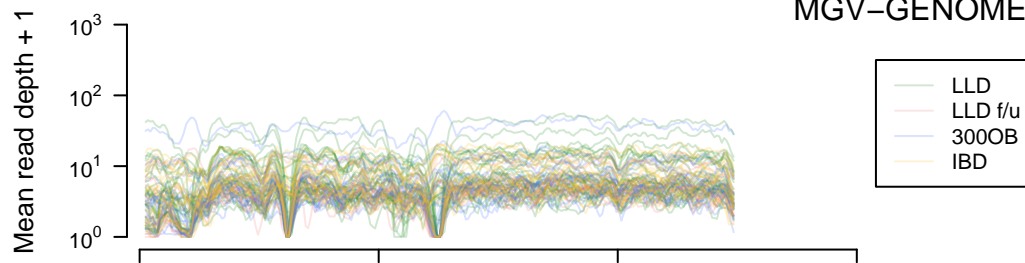
Genome, kb

# MGV-GENOME-0297536 (DTR, code 11)



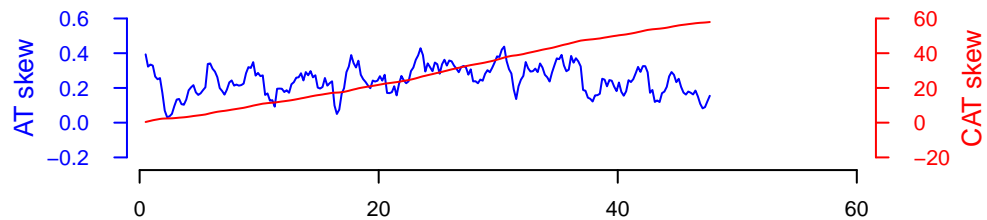
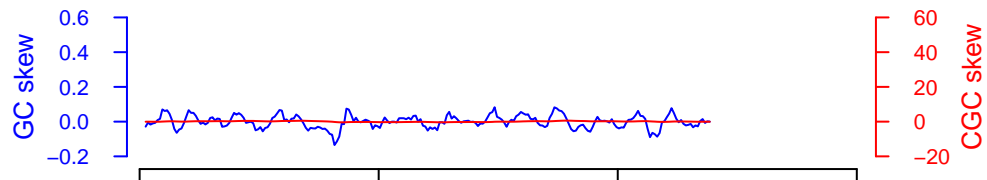
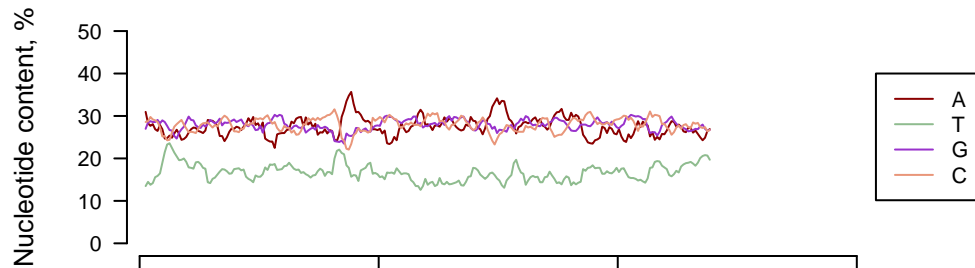
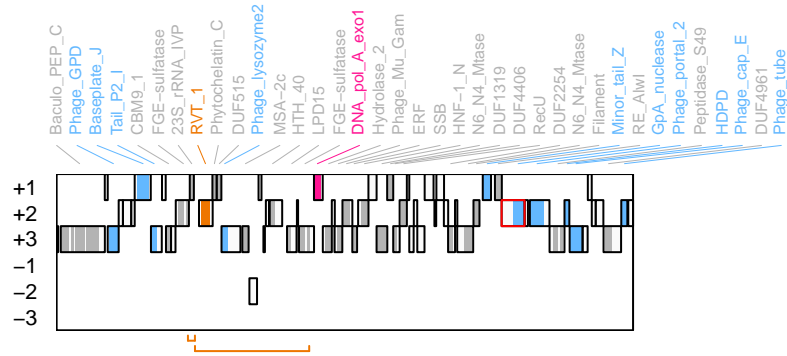
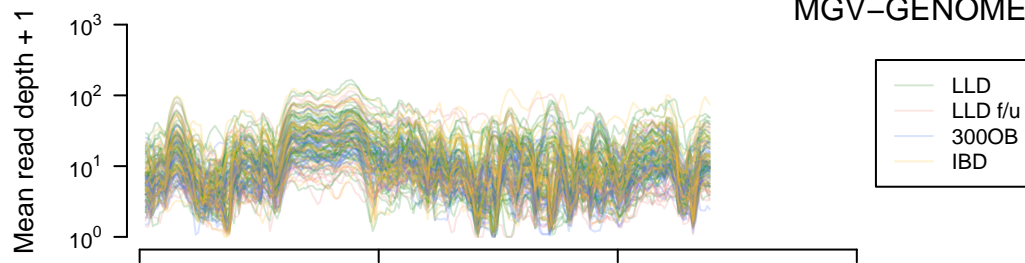
Genome, kb

# MGV-GENOME-0310879 (DTR, code 11)

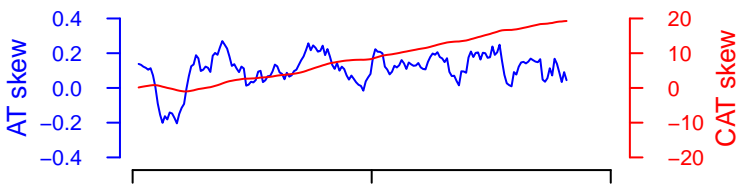
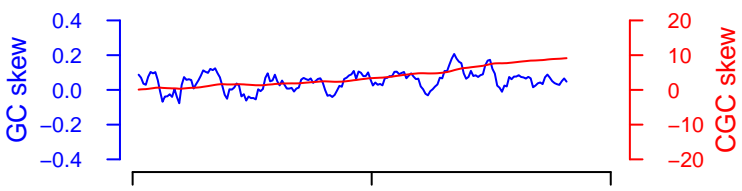
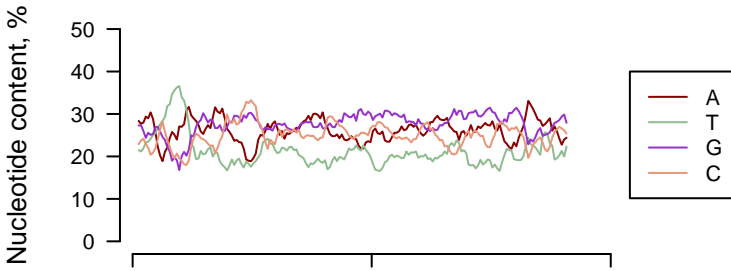
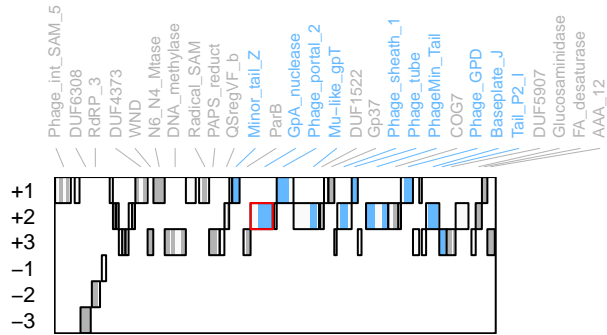
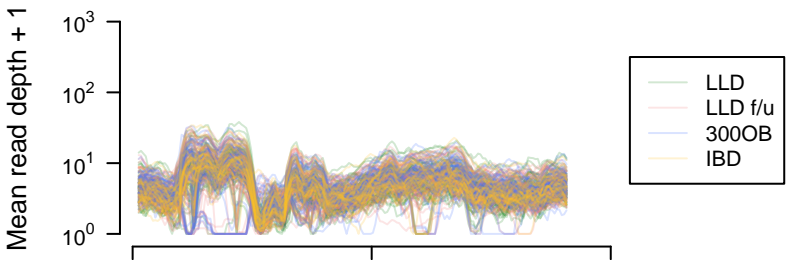


Genome, kb

# MGV-GENOME-0305083 (DTR, code 11)



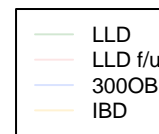
Genome, kb



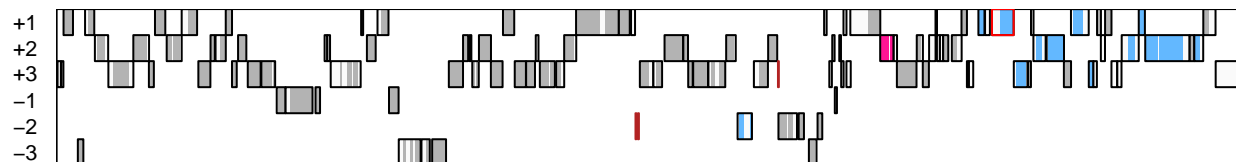
# uvig\_166271 (DTR, code 11)

Mean read depth + 1

10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>



Amidase\_2  
Zip  
SpoU\_methylase  
DNA\_processg\_A  
Topoisom\_bac  
GIDA  
Thioredoxin  
Peptidase\_A25  
Peptidase\_M16\_C  
Peptidase\_M16\_C  
SporVAD  
SporVAC\_SporVAEB  
Sacchrp\_dh\_NADP  
SKI  
Rif2  
Amidase\_3  
Aminotran\_5  
2-Hacid\_dh  
Radical\_SAM  
PFL-like  
Lectin\_like  
Gate  
CusB\_dom\_1  
NIR\_SIR  
YycI  
PMC2NT  
Response\_reg  
HIGH\_NTase1  
Aminotran\_5  
DUF842  
SWI-SNF\_Ssr4\_C  
FA\_synthesis  
Thiolase\_N  
NMO  
Acyl\_transf\_1  
adh\_short\_C2  
ketoacyl-synt  
Ribonucleas\_3\_3  
Radical\_SAM  
SMC\_N  
CbiA  
**rRNA\_Gln\_CTG**  
**rRNA\_Leu\_GAG**  
Peptidase\_S11  
PseudoU\_synth\_2  
Carboxyl\_trans  
DUF819  
HYD\_3  
OAD\_beta  
PYC\_OADA  
GFO\_IDH\_MocA  
**Pox\_11**  
DUF6264  
Sortase  
**rRNA\_Arg\_CCT**  
Ribonuclease\_T2  
OPT  
GCP5-Mod21  
YkwA  
N6\_N4\_Mtase  
**DNA\_pol3\_beta**  
DNA\_methylase  
DUF851  
UPF0167  
DUF6075  
Rep\_2  
VPR\_NUC  
Phage\_Nu1  
GpA\_nuclease  
Baseplate\_J  
Phage\_GPD  
Phage\_portal\_2  
Peptidase\_S78  
Cauda\_bapla\_RBP  
Phage\_P2\_GpU  
DUF2190  
Syla\_N  
Phage\_sheath\_1  
Phage\_tube  
PhageMin\_Tail  
HAS-barrel  
Tail\_P2\_I  
DUF3751  
DUF2095



Nucleotide content, %

50  
40  
30  
20  
10  
0



GC skew

0.4  
0.2  
0.0  
-0.2  
-0.4

80  
60  
40  
20  
0

CGC skew

AT skew

0.4  
0.2  
0.0  
-0.2  
-0.4

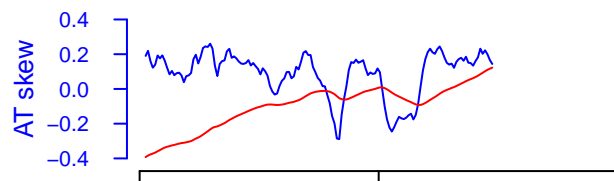
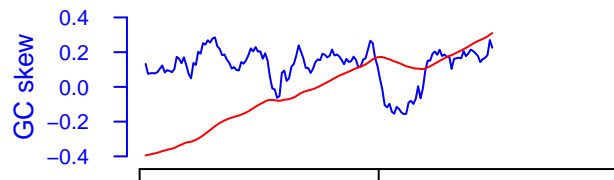
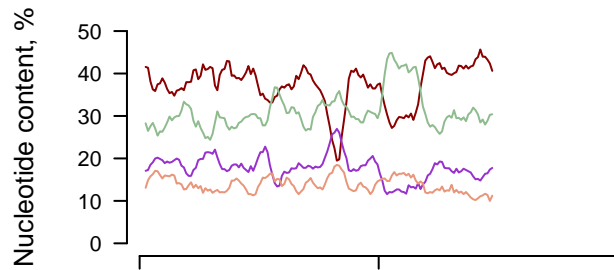
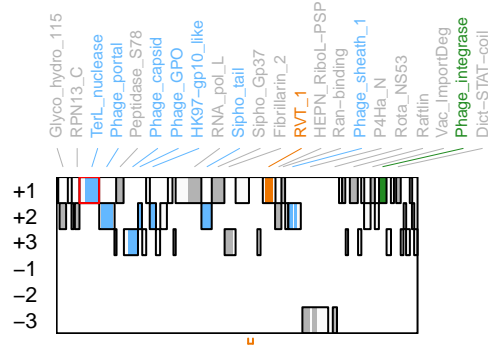
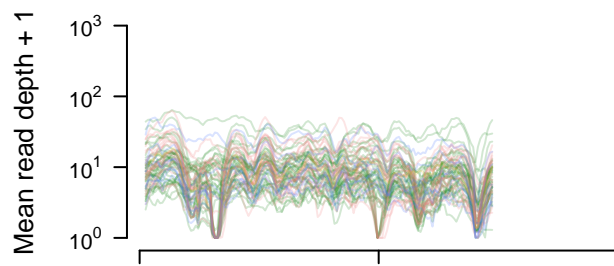
80  
60  
40  
20  
0

CAT skew

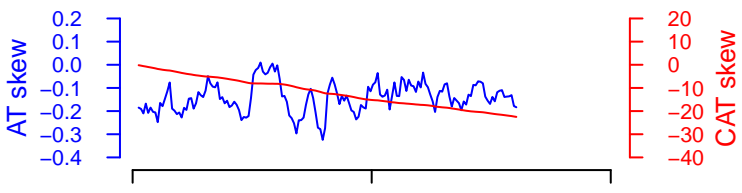
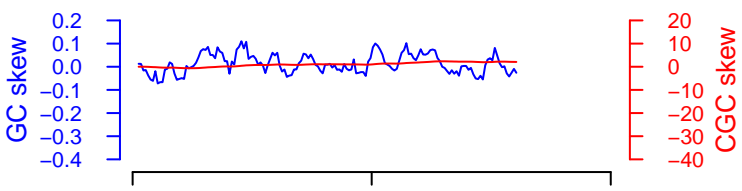
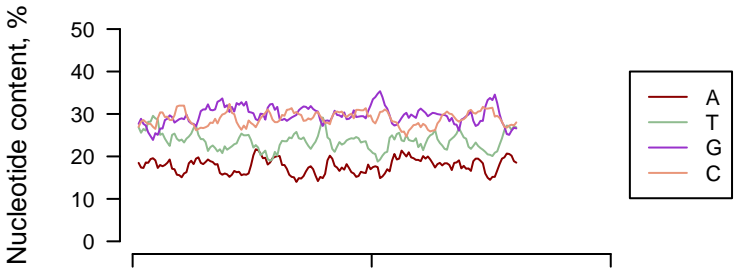
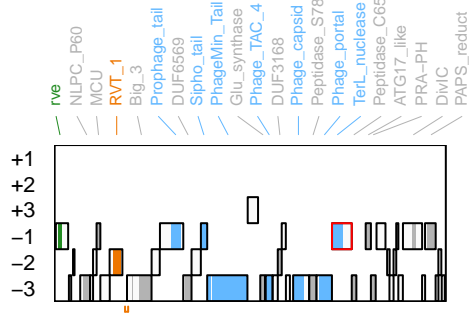
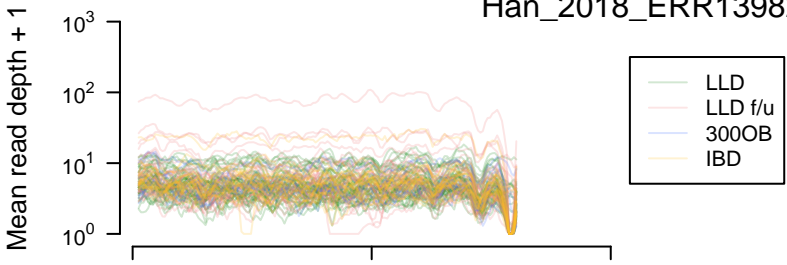
Genome, kb

0 20 40 60 80 100

# MGV-GENOME-0212520 (DTR, code 11)

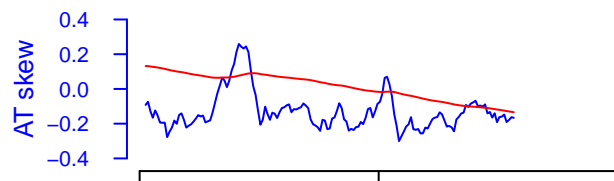
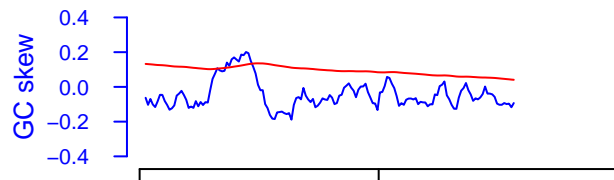
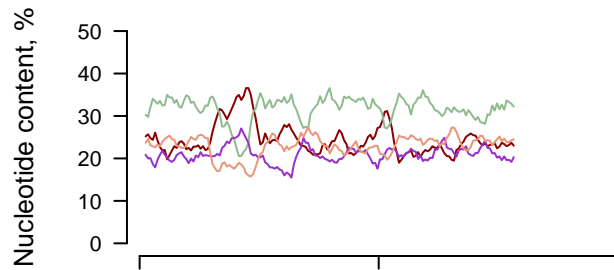
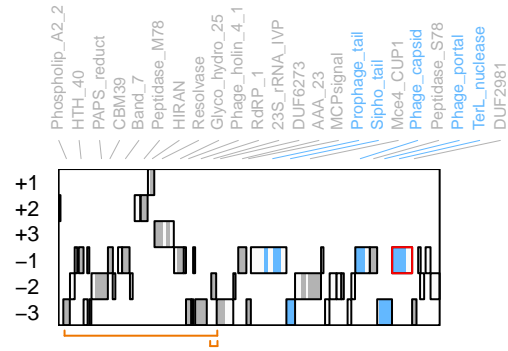
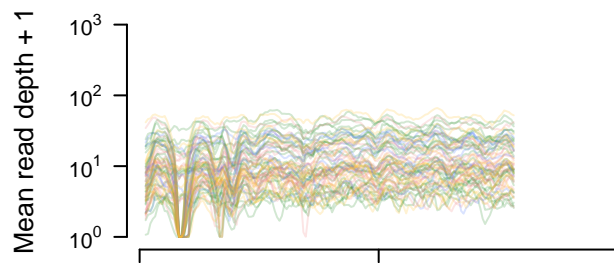


Genome, kb



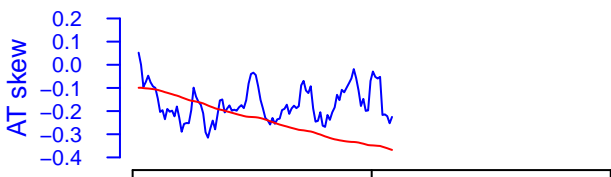
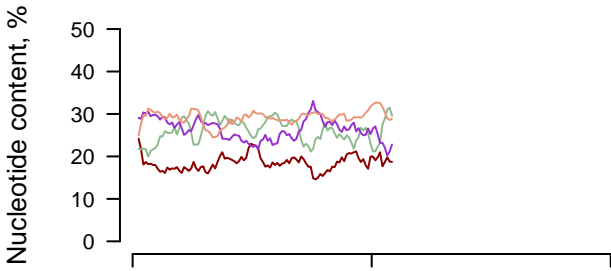
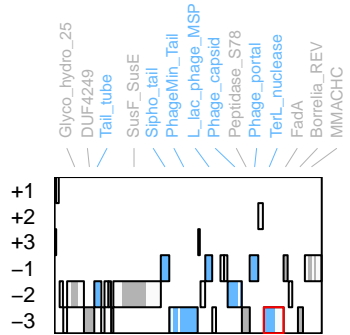
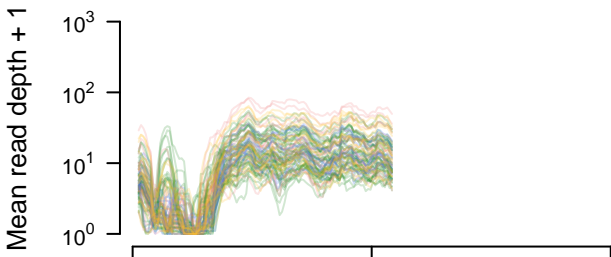


# MGV-GENOME-0221889 (DTR, code 11)



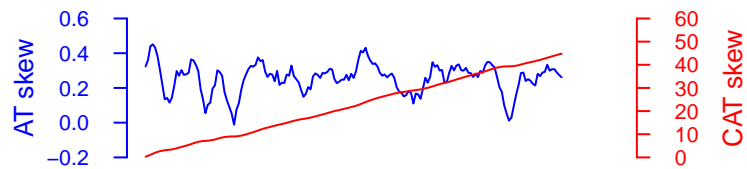
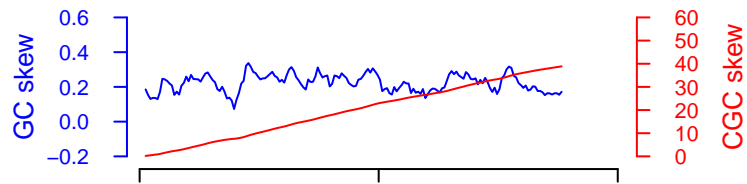
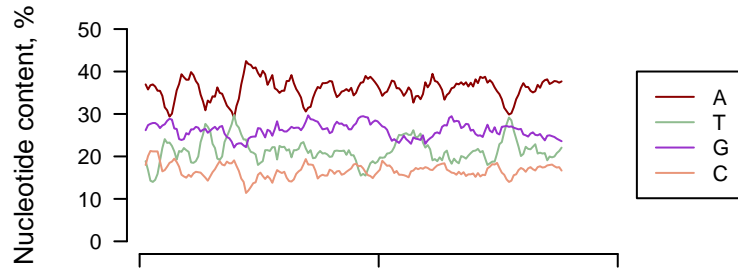
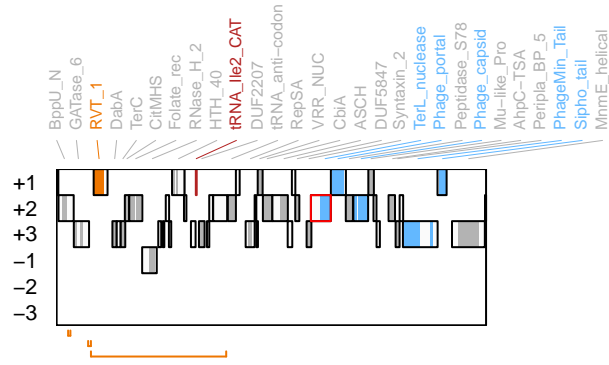
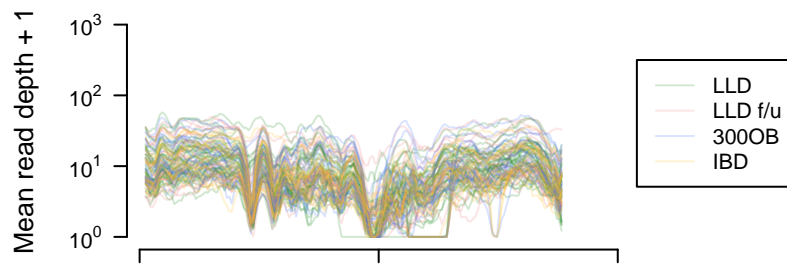
Genome, kb

MGV-GENOME-0163922 (ITR, code 11)



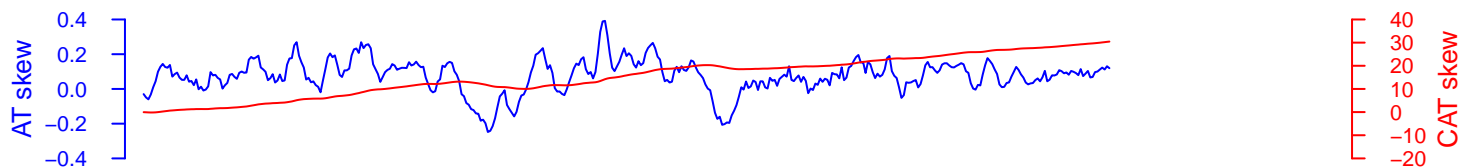
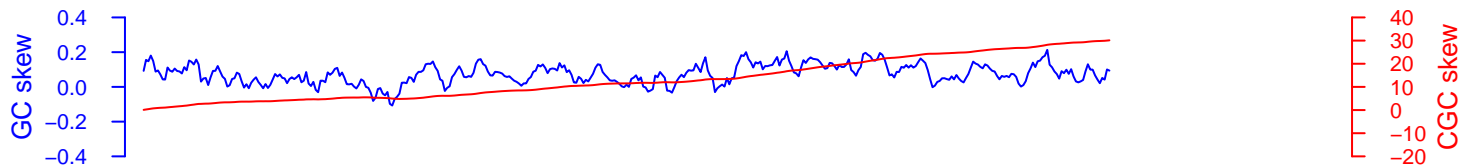
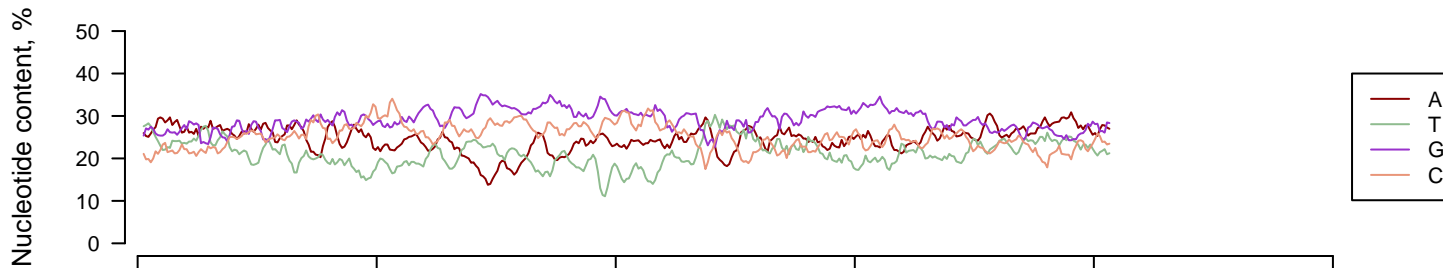
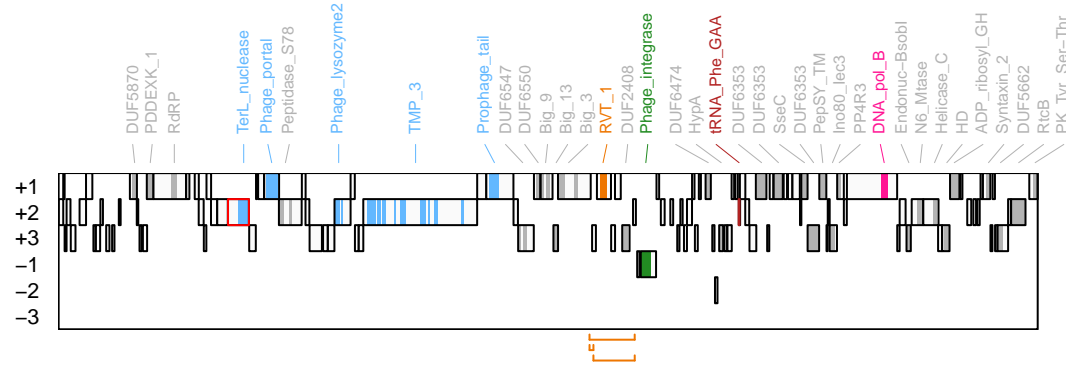
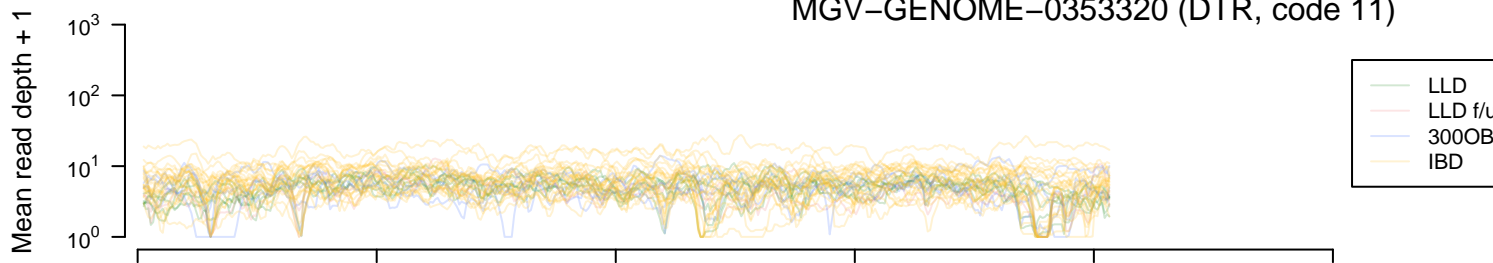
Genome, kb

# MGV-GENOME-0244886 (DTR, code 15)



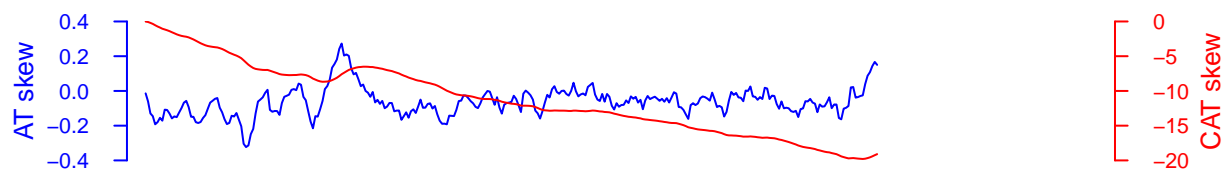
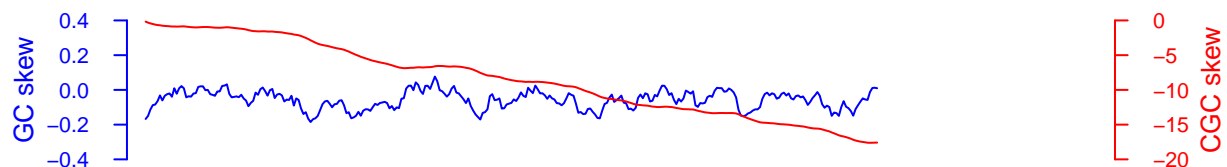
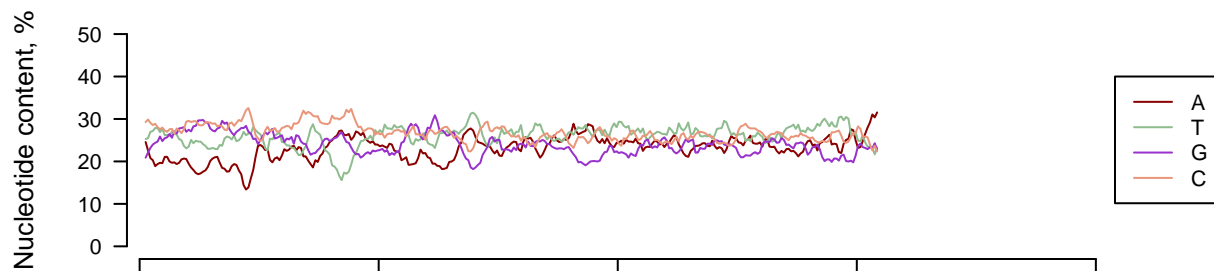
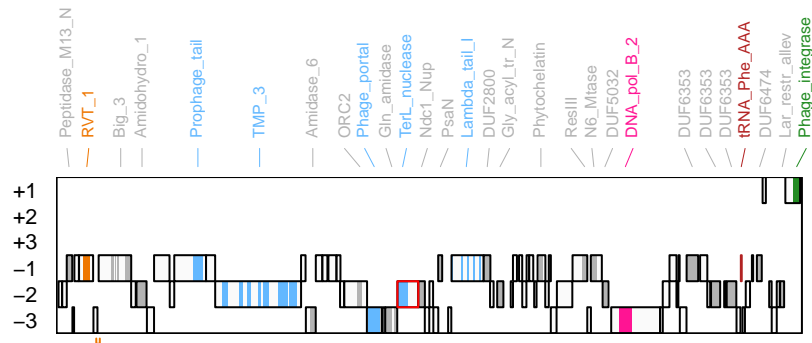
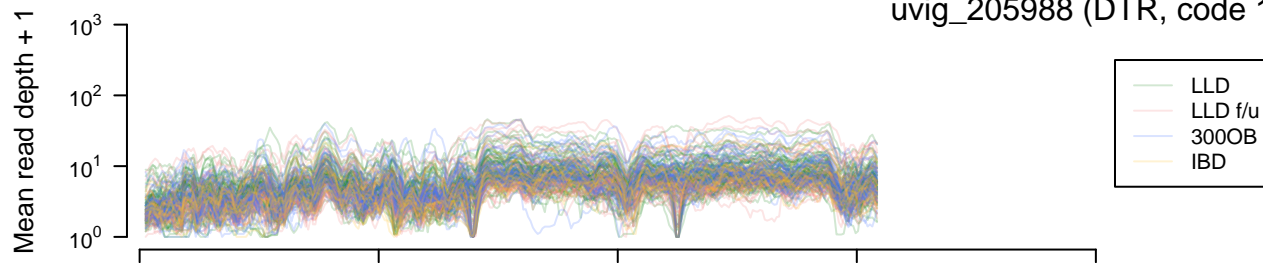
Genome, kb

# MGV-GENOME-0353320 (DTR, code 11)



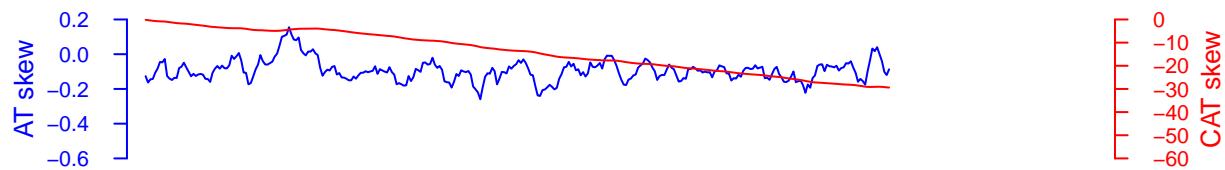
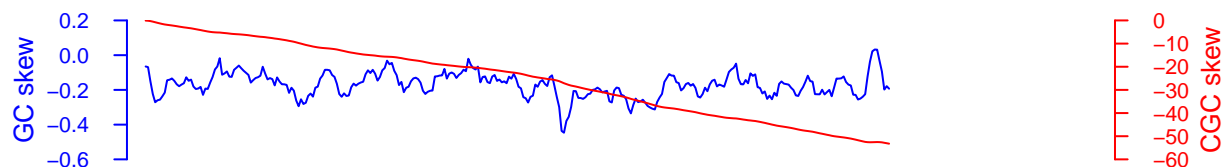
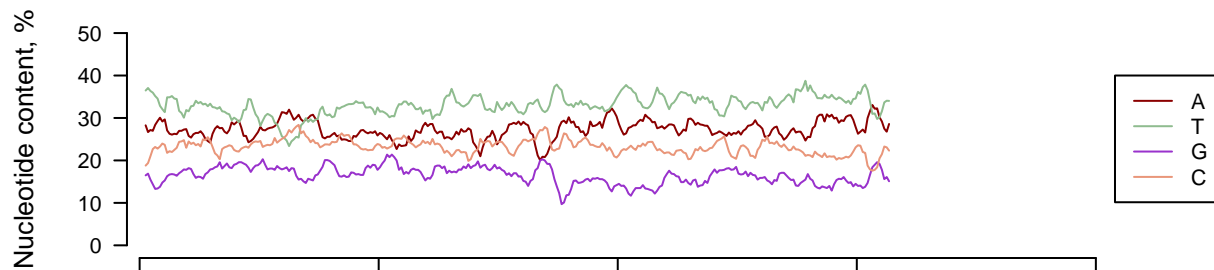
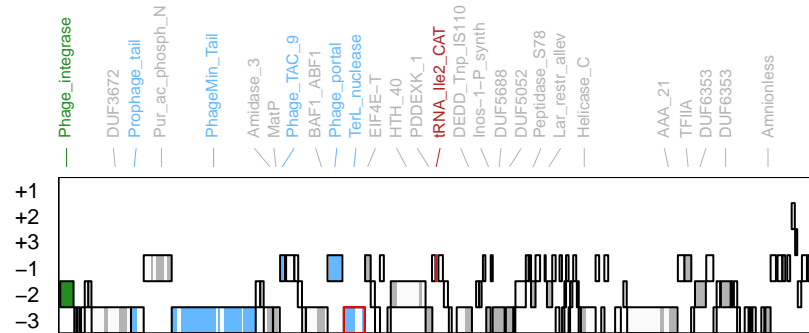
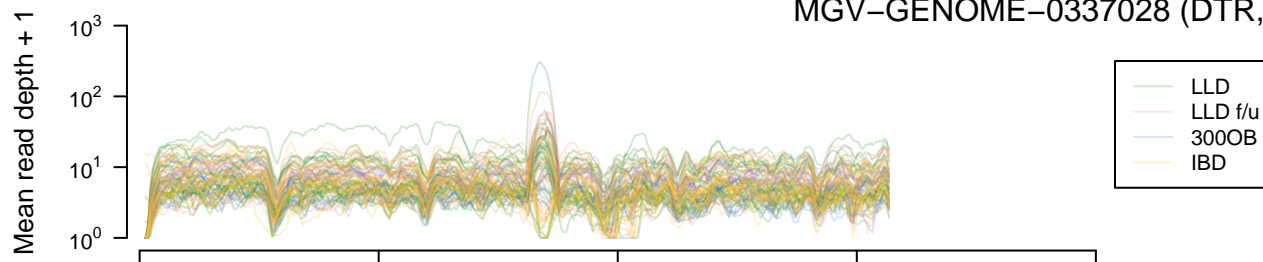
Genome, kb

0 20 40 60 80 100

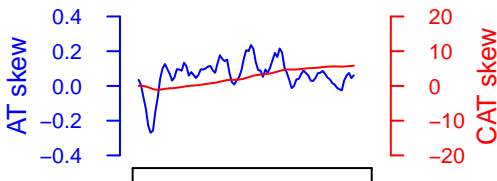
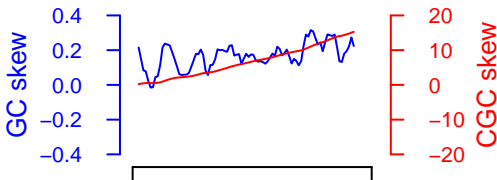
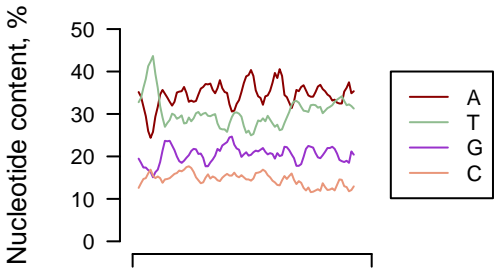
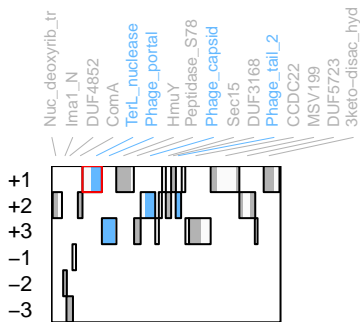
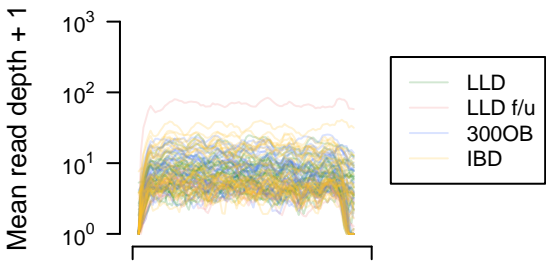


Genome, kb

# MGV-GENOME-0337028 (DTR, code 11)

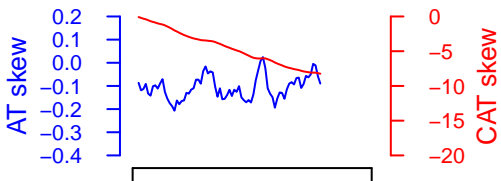
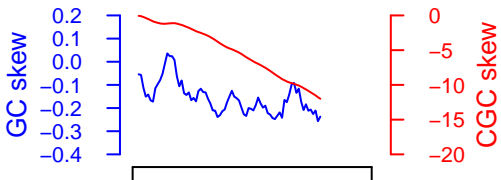
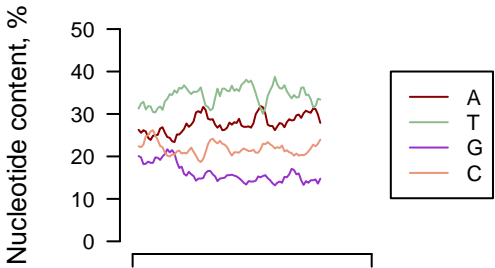
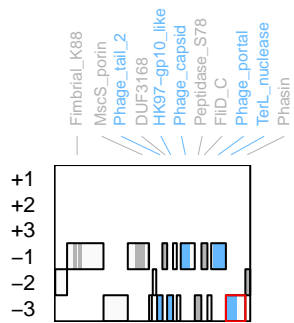
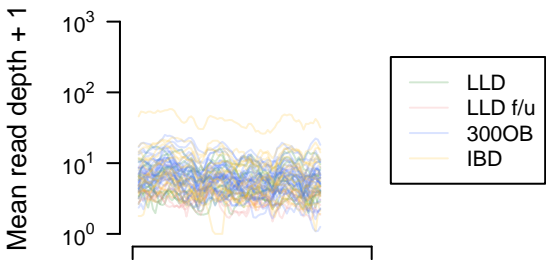


Genome, kb



0 20

Genome, kb

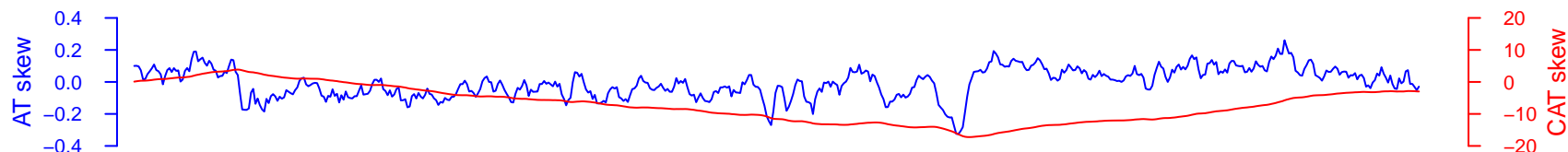
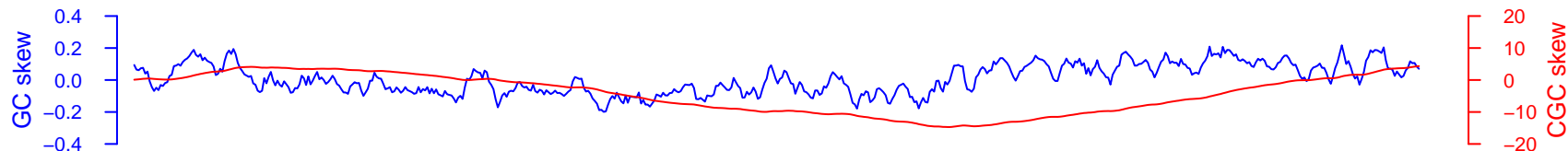
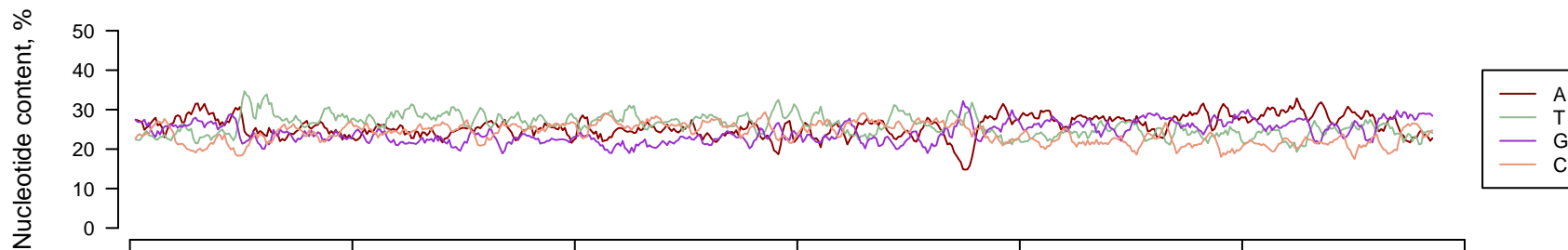
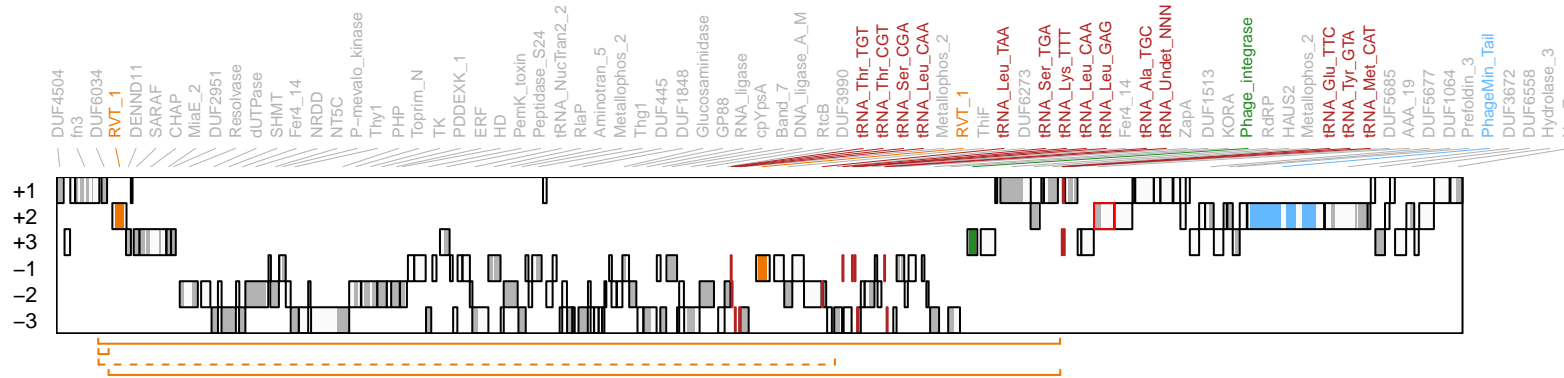
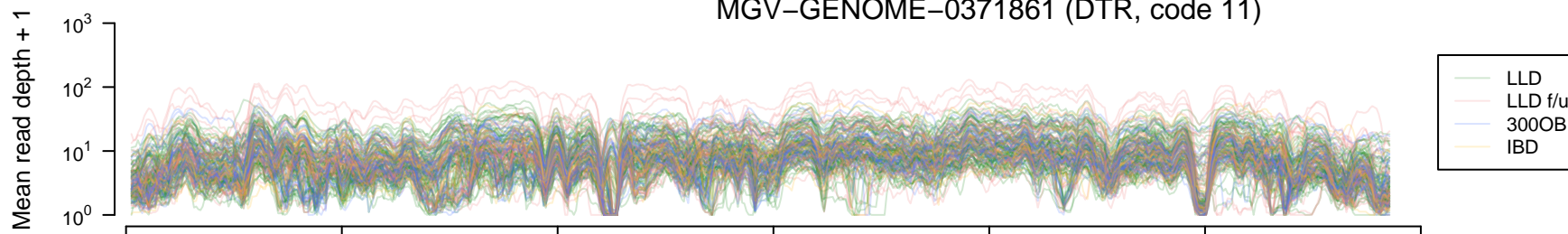


0 20

Genome, kb

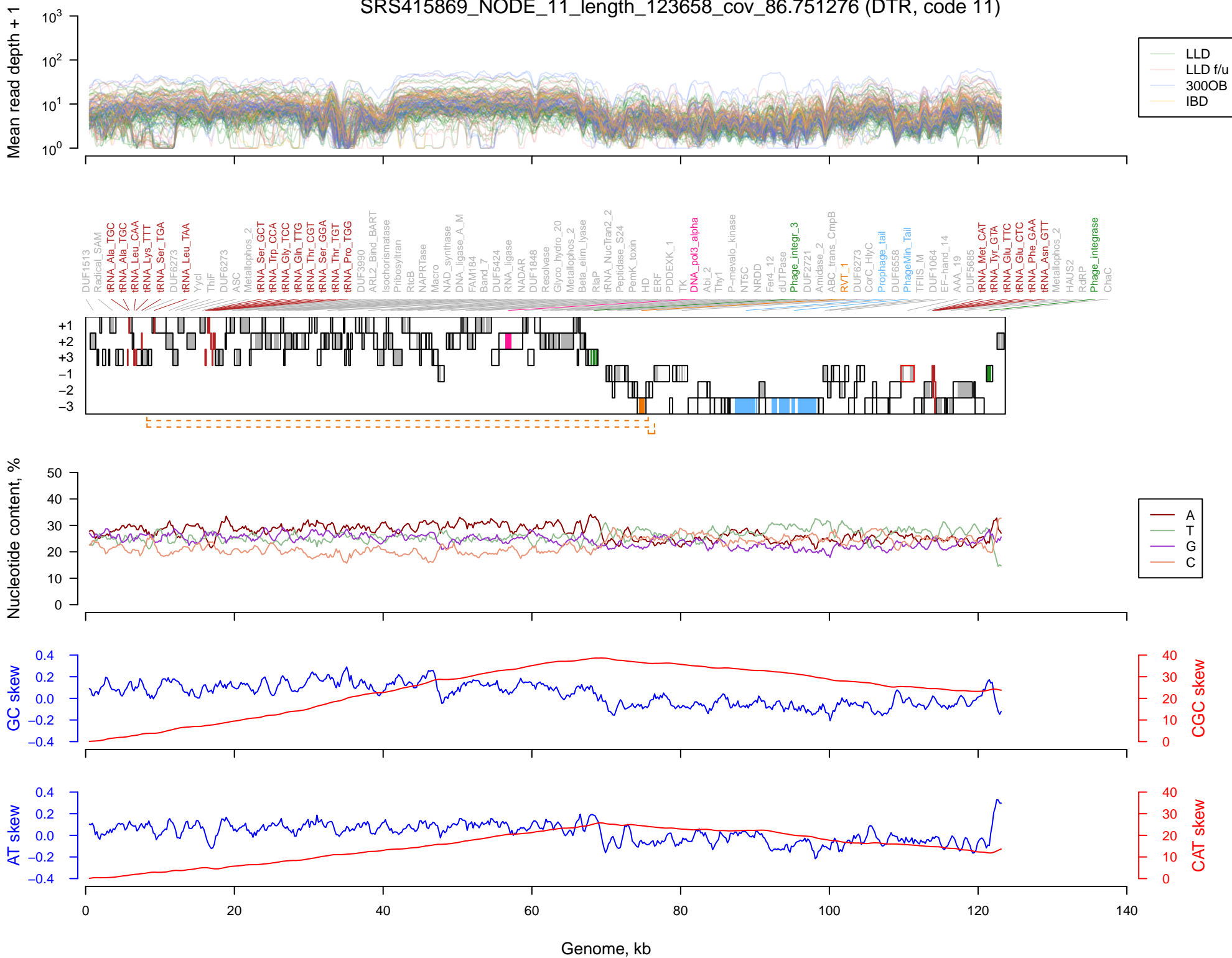


# MGV-GENOME-0371861 (DTR, code 11)

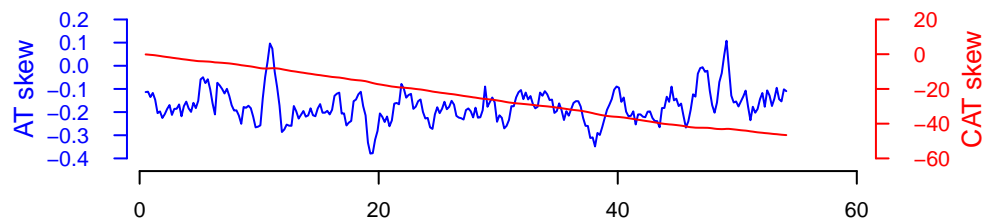
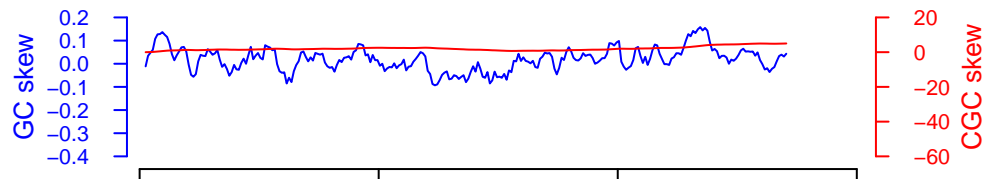
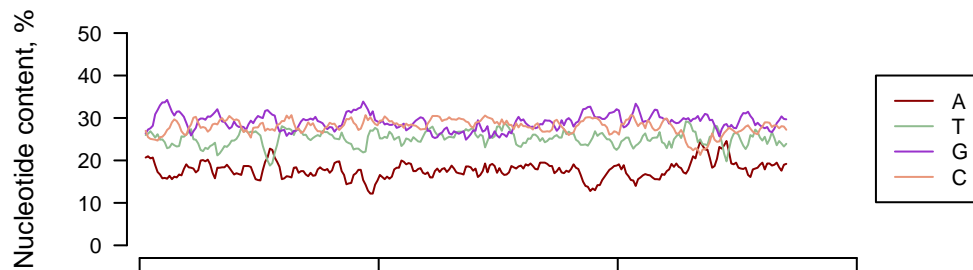
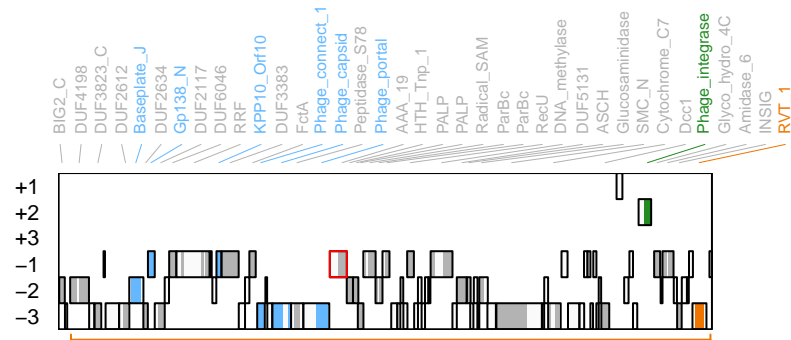
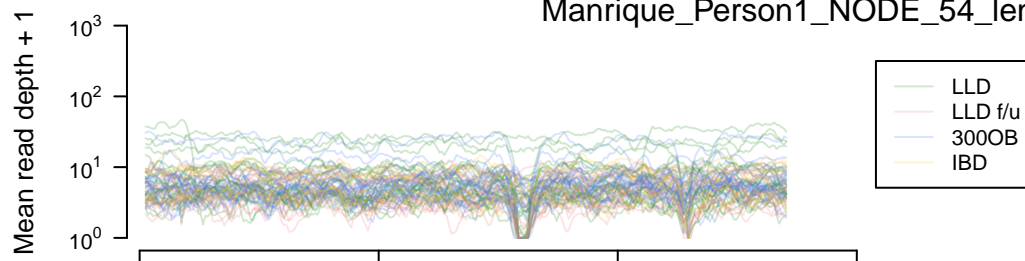


Genome, kb

# SRS415869\_NODE\_11\_length\_123658\_cov\_86.751276 (DTR, code 11)

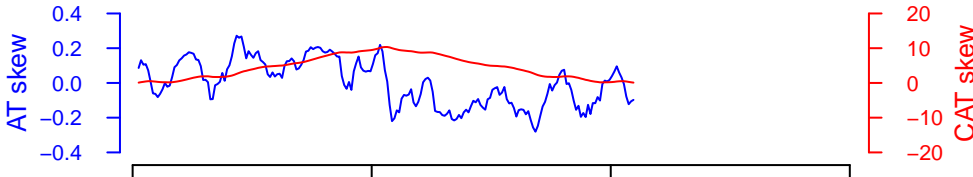
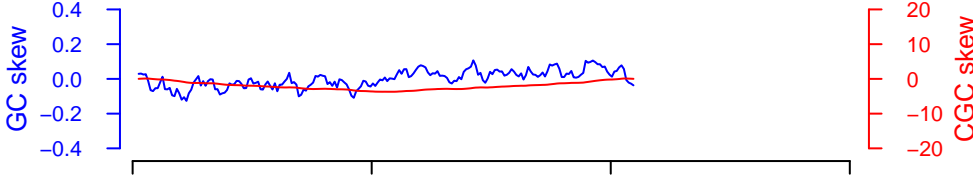
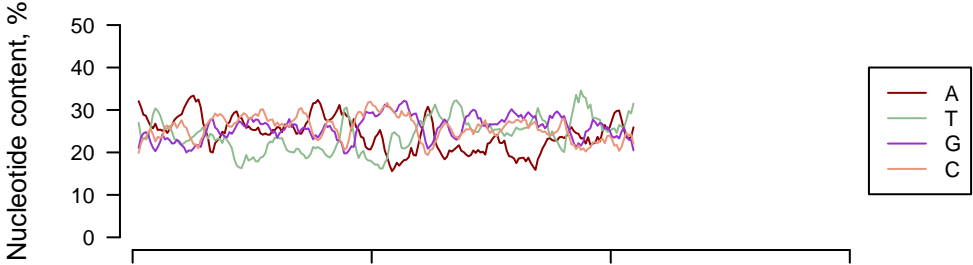
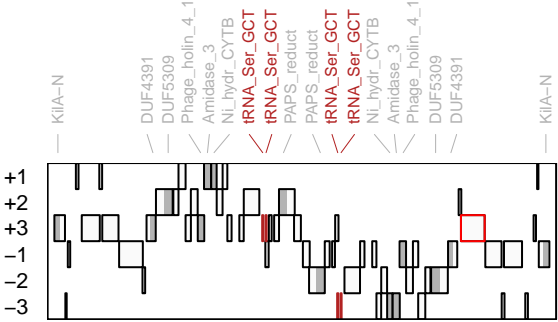
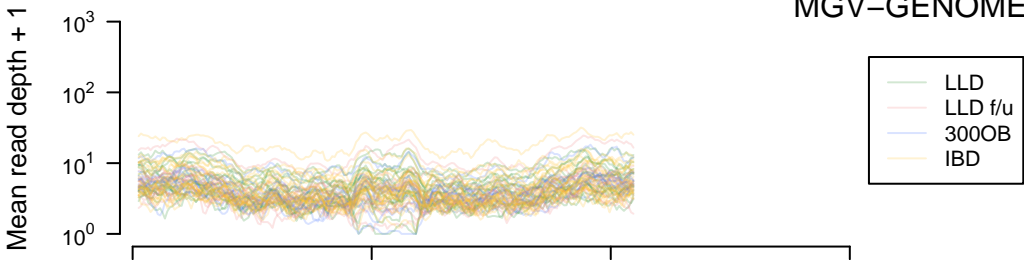


# Manrique\_Person1\_NODE\_54\_length\_54658\_cov\_29.442924 (DTR, code 11)



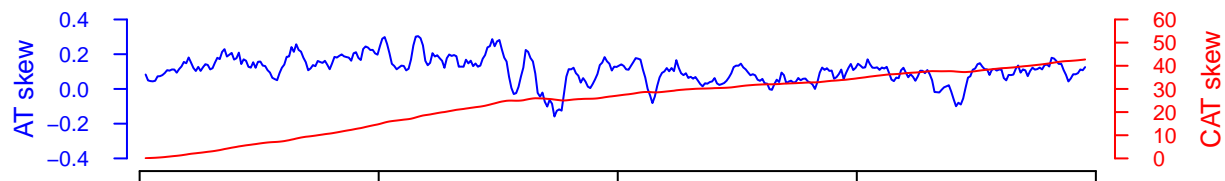
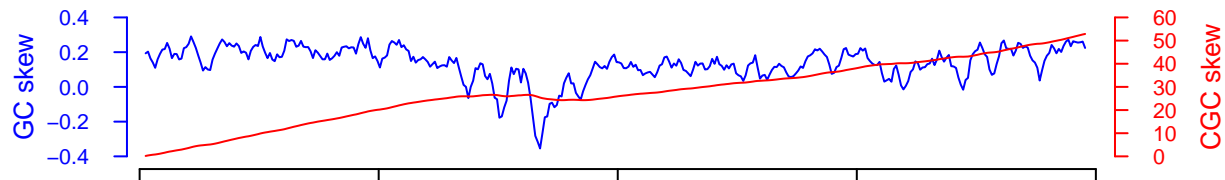
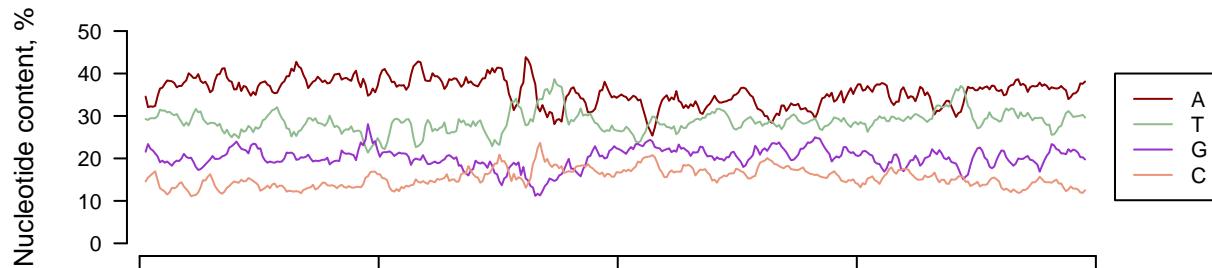
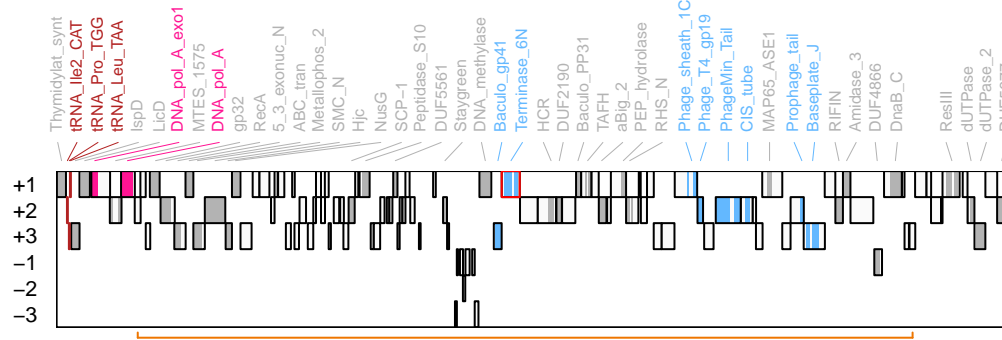
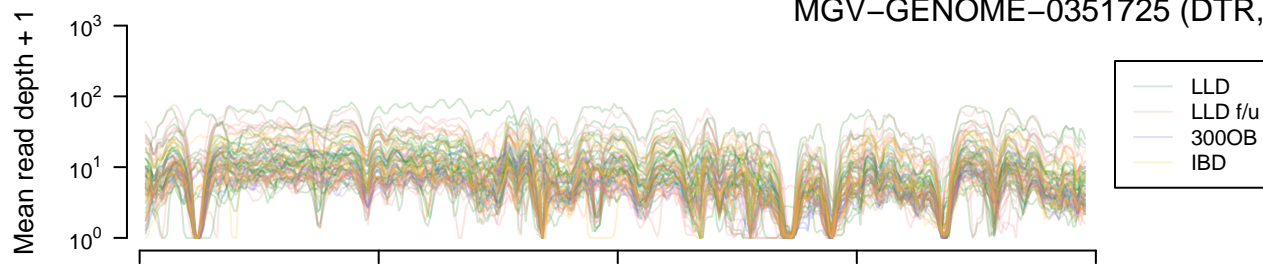
Genome, kb

MGV-GENOME-0281541 (ITR, code 11)

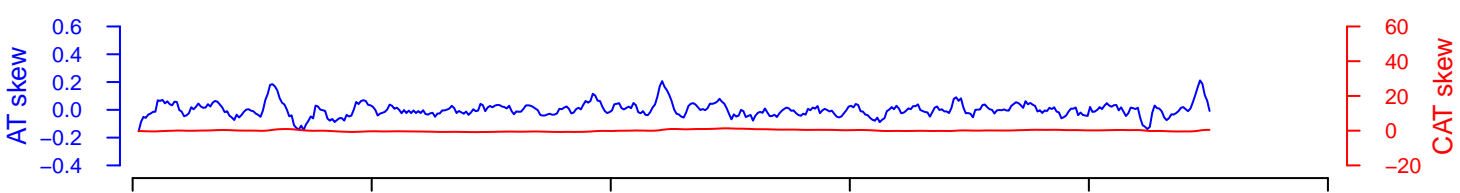
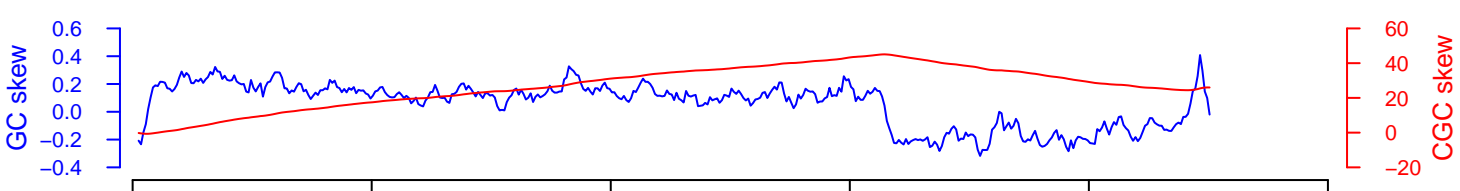
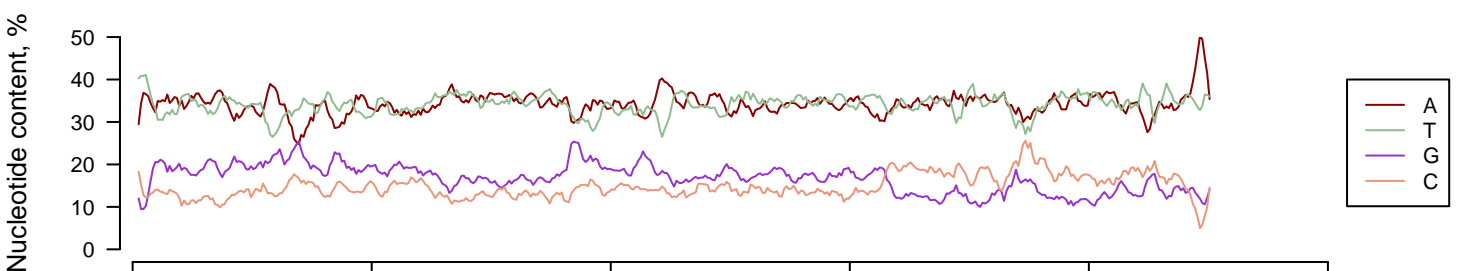
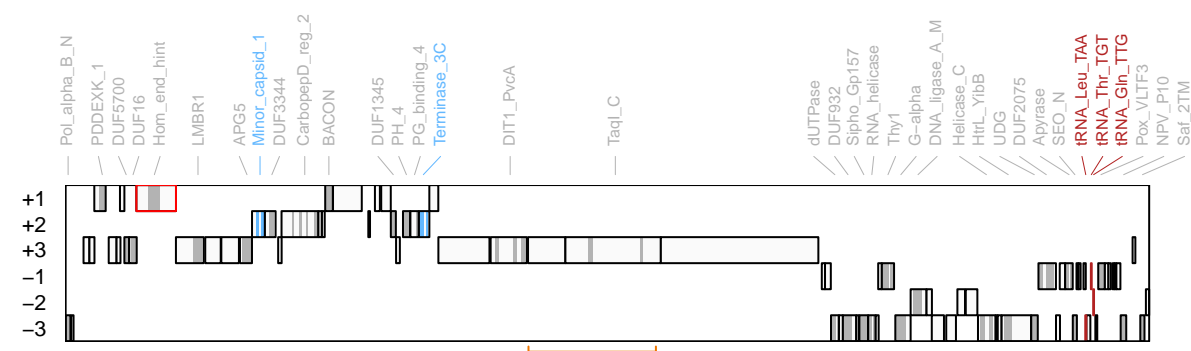
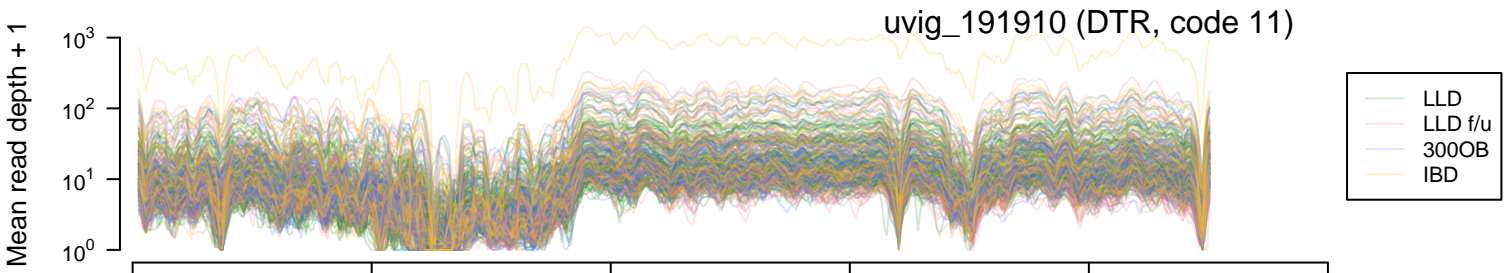


Genome, kb

# MGV-GENOME-0351725 (DTR, code 11)

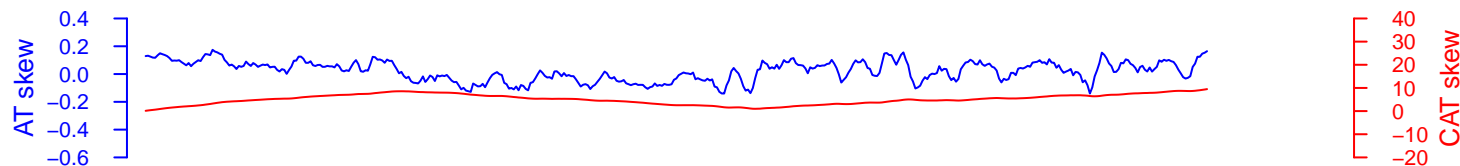
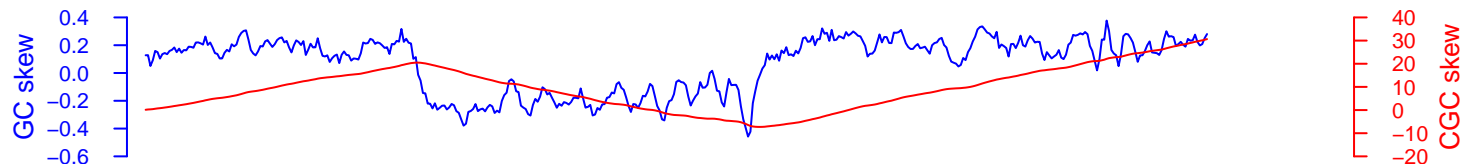
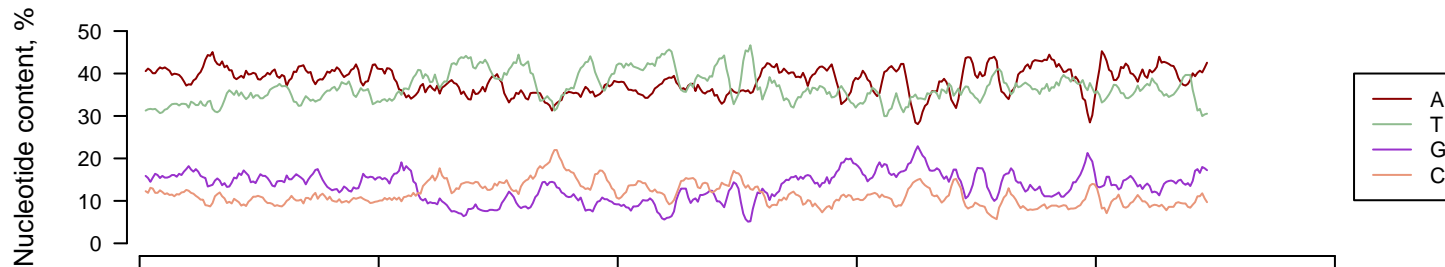
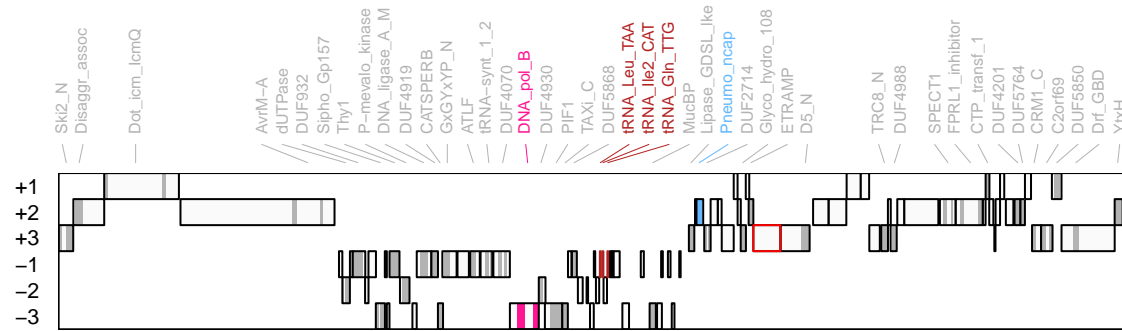
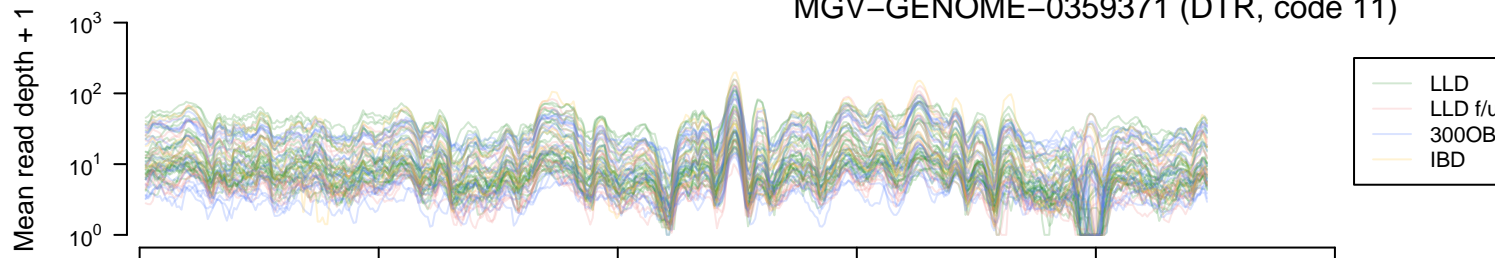


Genome, kb



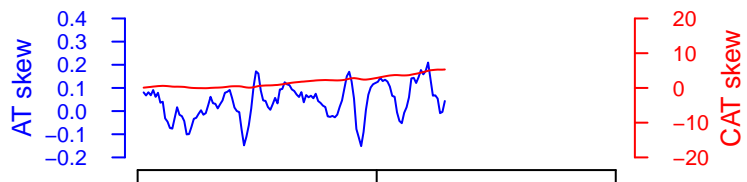
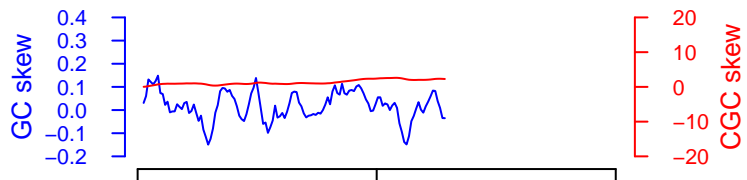
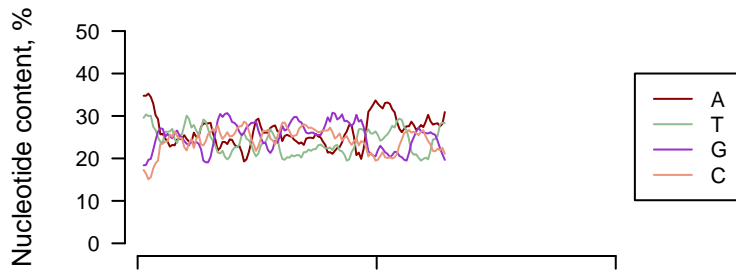
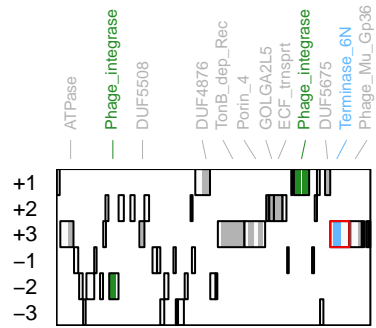
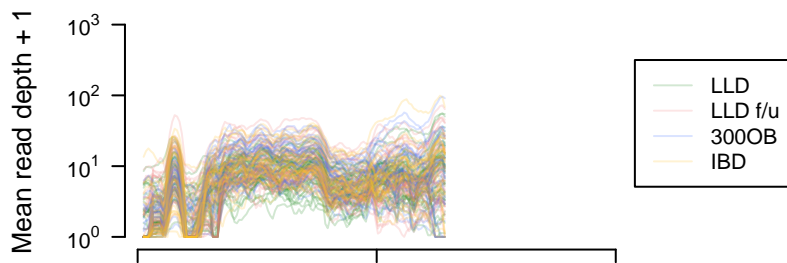
Genome, kb

# MGV-GENOME-0359371 (DTR, code 11)



Genome, kb

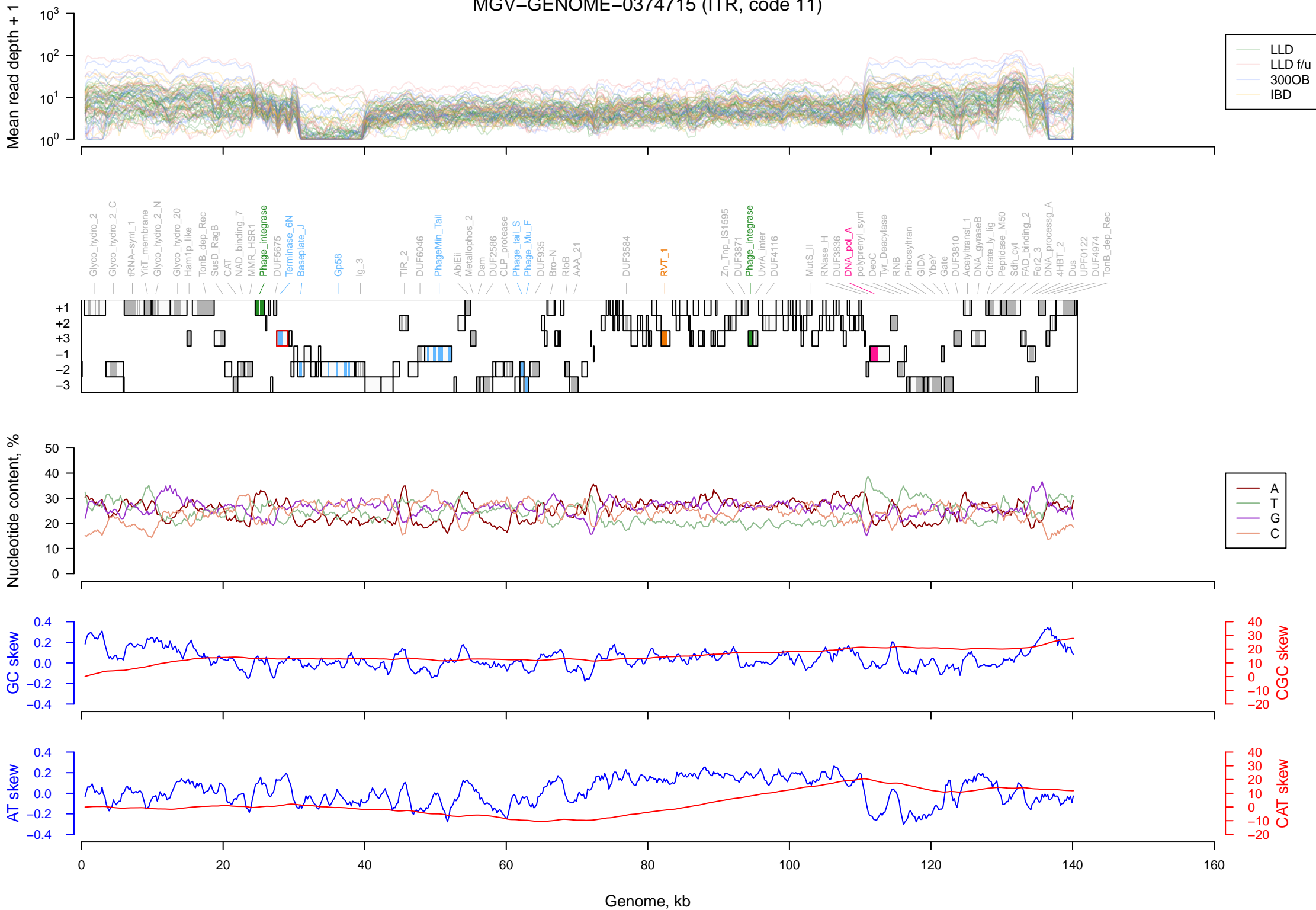
# uvig\_540612 (ITR, code 15)



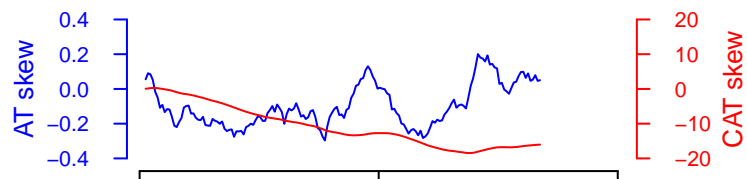
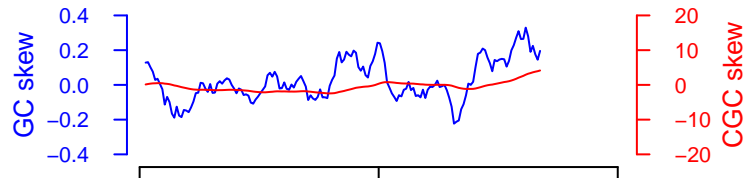
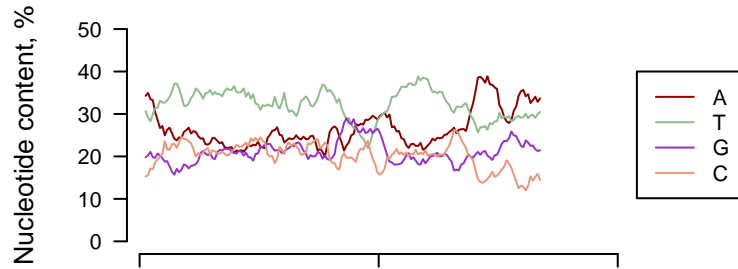
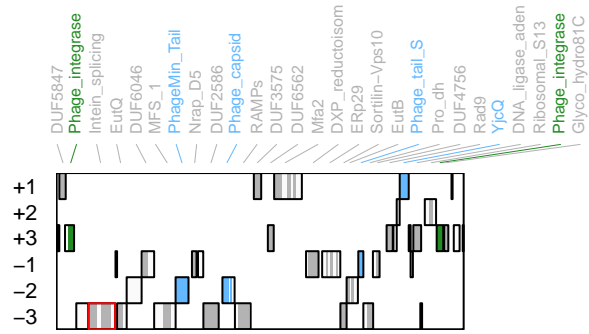
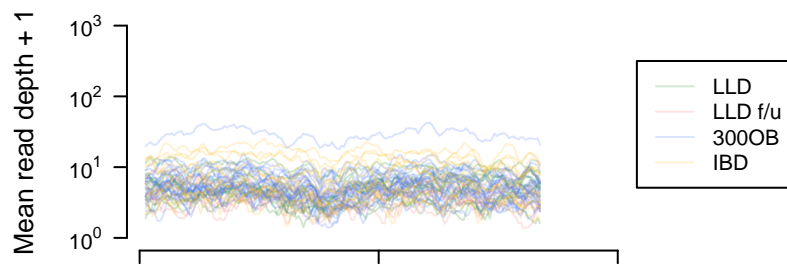
Genome, kb



# MGV-GENOME-0374715 (ITR, code 11)

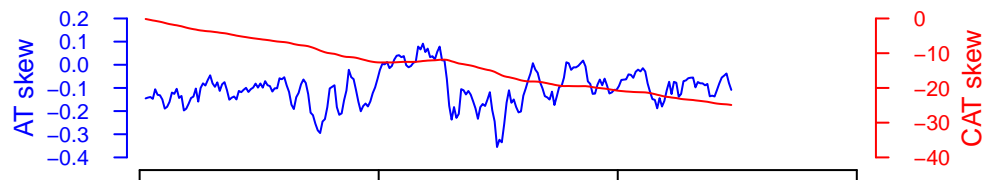
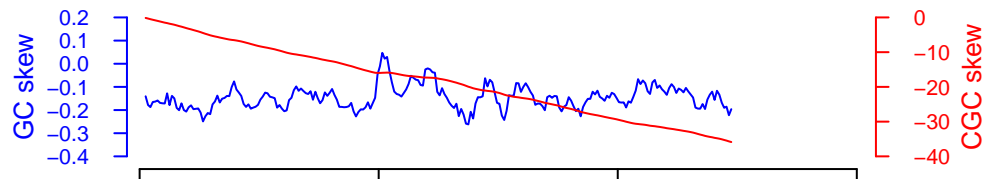
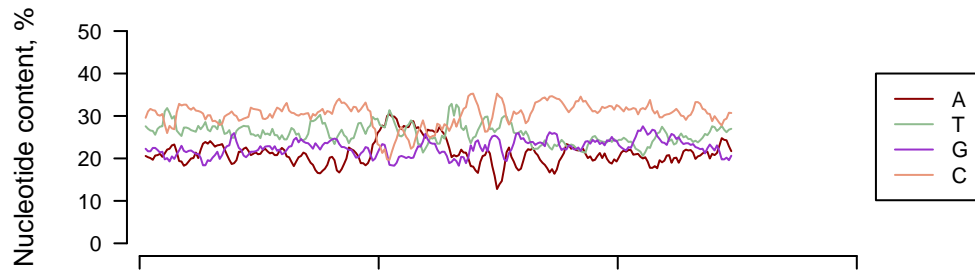
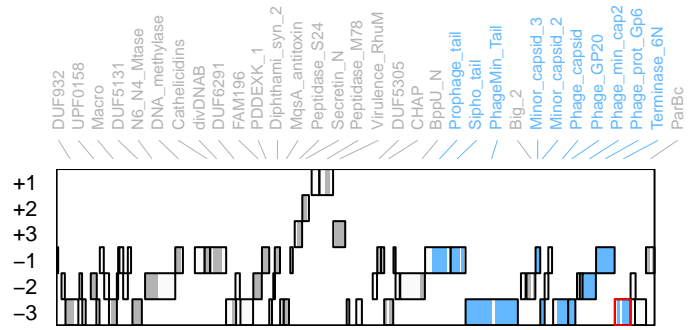
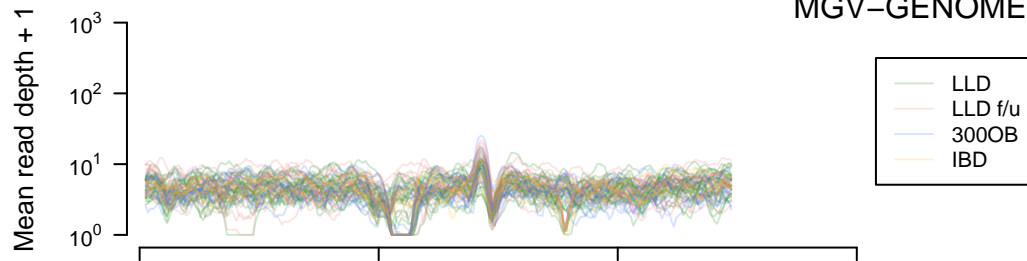


# MGV-GENOME-4408934 (DTR, code 11)



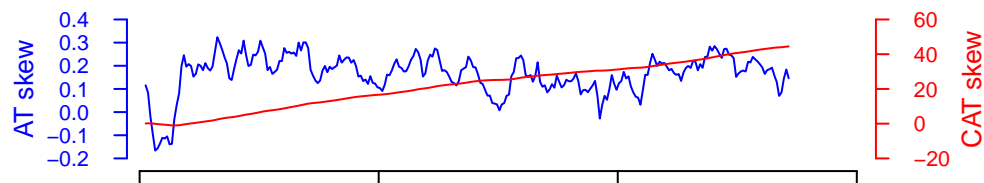
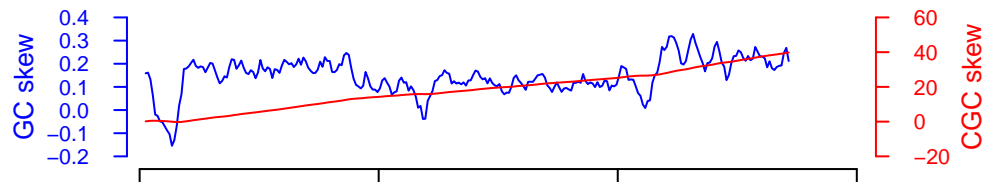
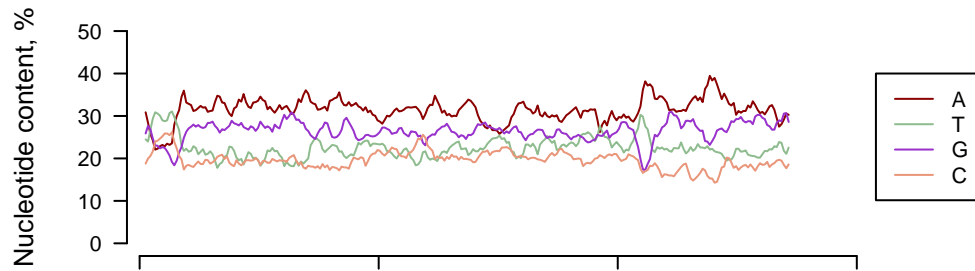
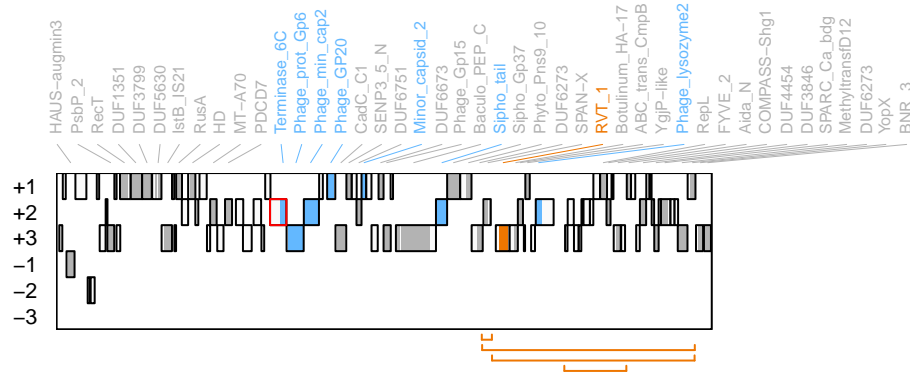
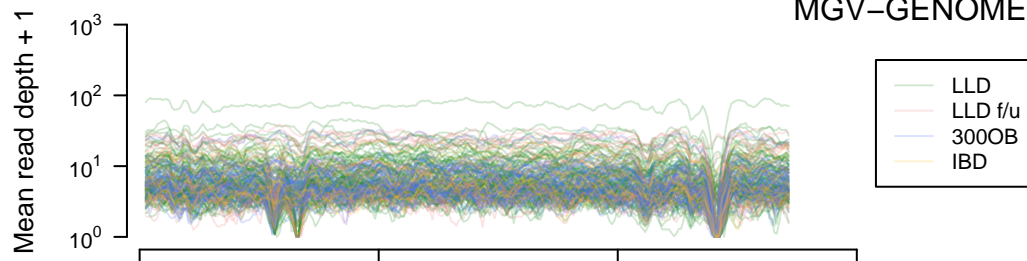
Genome, kb

# MGV-GENOME-0310268 (DTR, code 11)



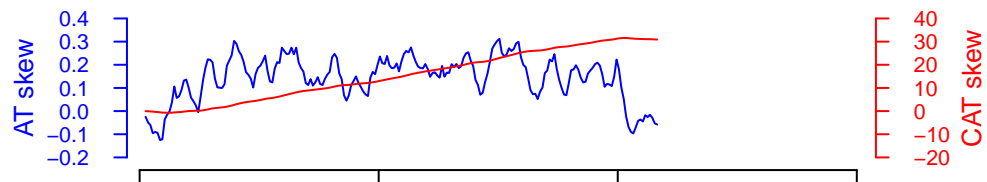
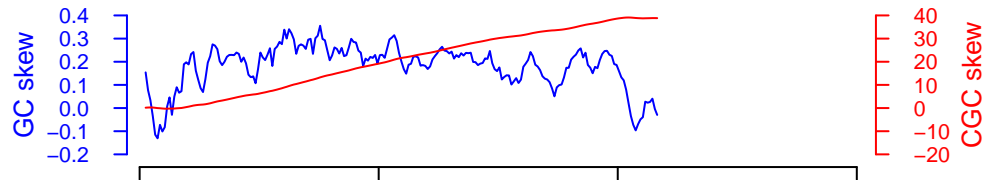
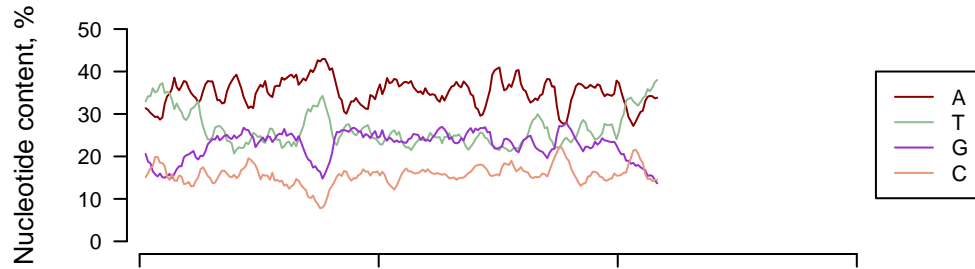
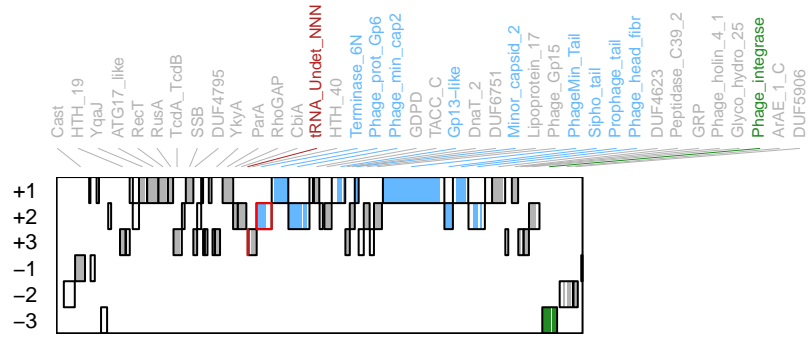
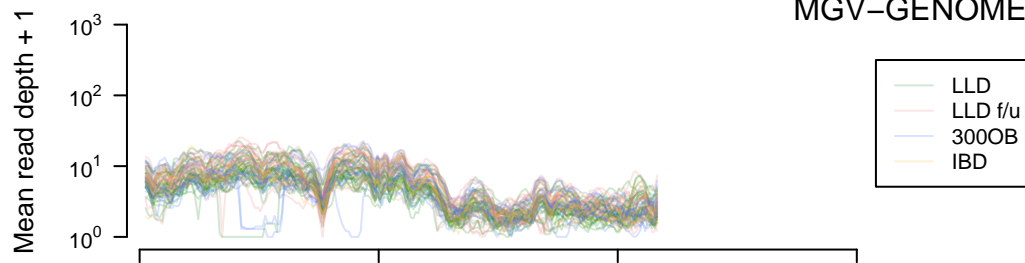
Genome, kb

# MGV-GENOME-0321287 (DTR, code 11)



Genome, kb

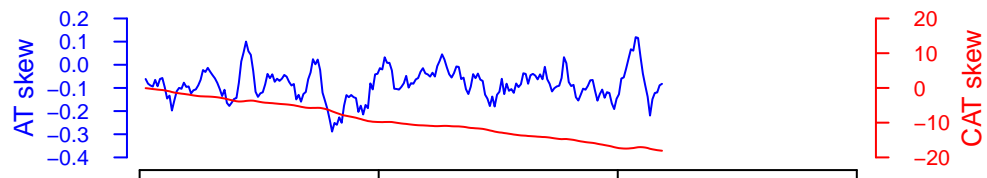
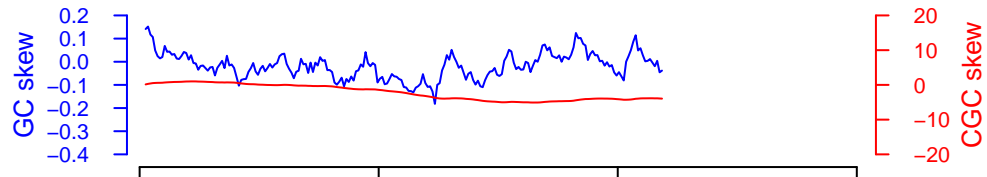
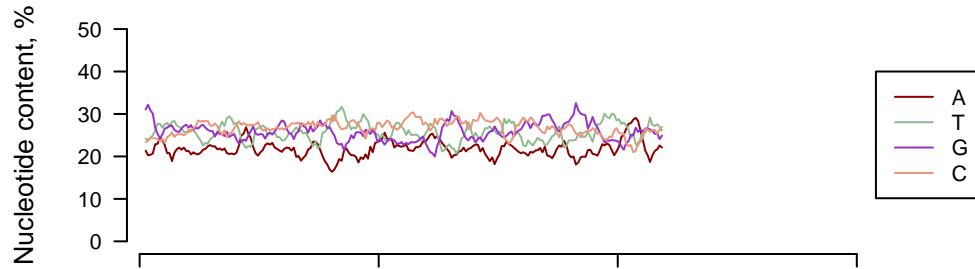
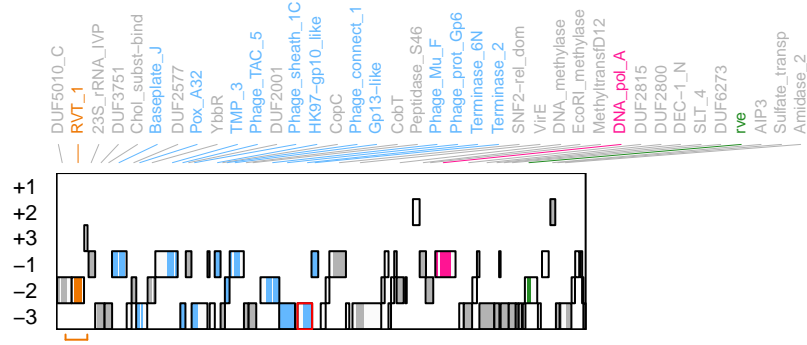
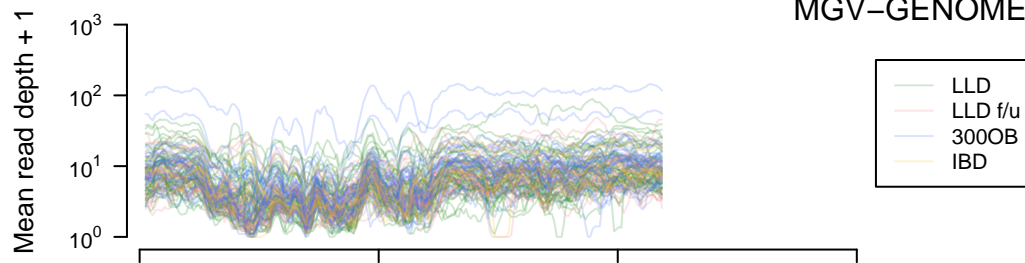
# MGV-GENOME-0288753 (DTR, code 11)



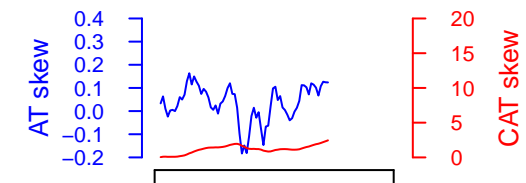
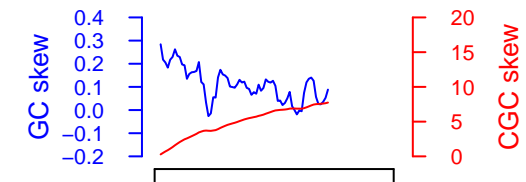
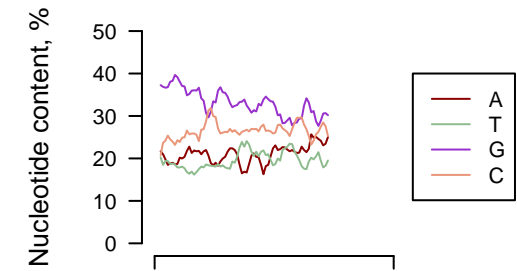
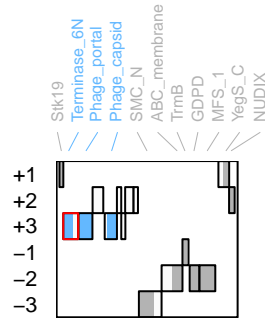
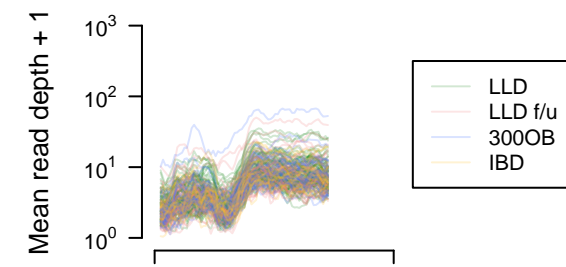
Genome, kb

0 20 40 60

# MGV-GENOME-0289925 (DTR, code 11)

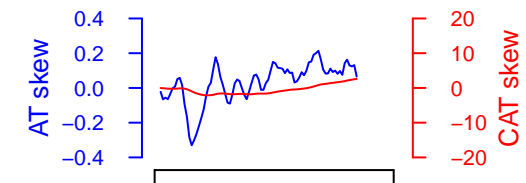
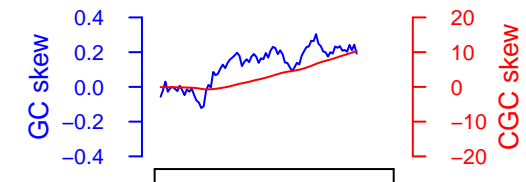
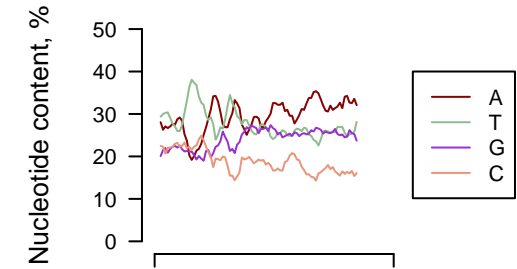
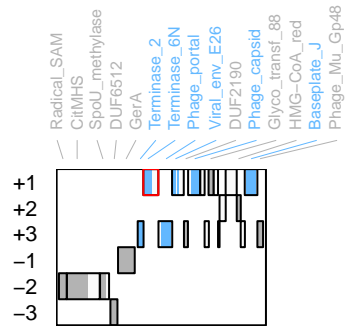
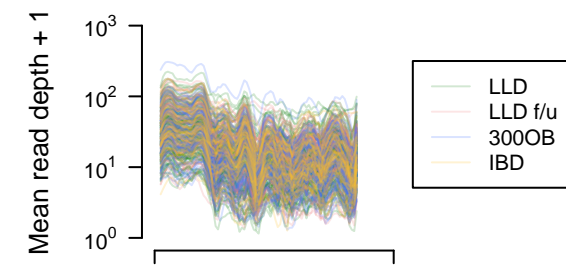


Genome, kb



0 20

Genome, kb

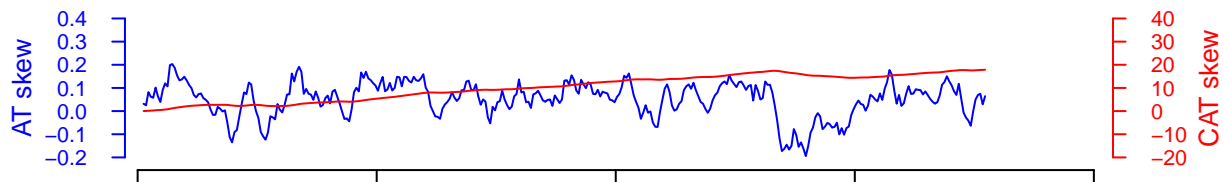
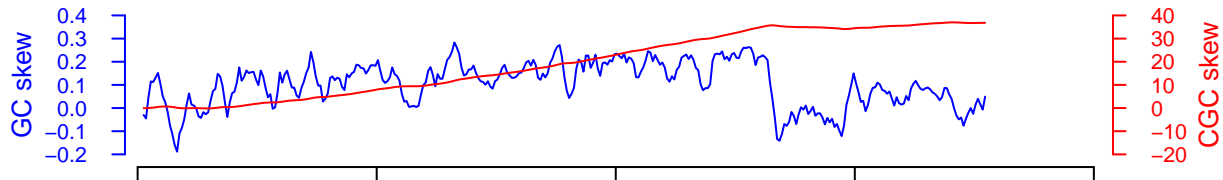
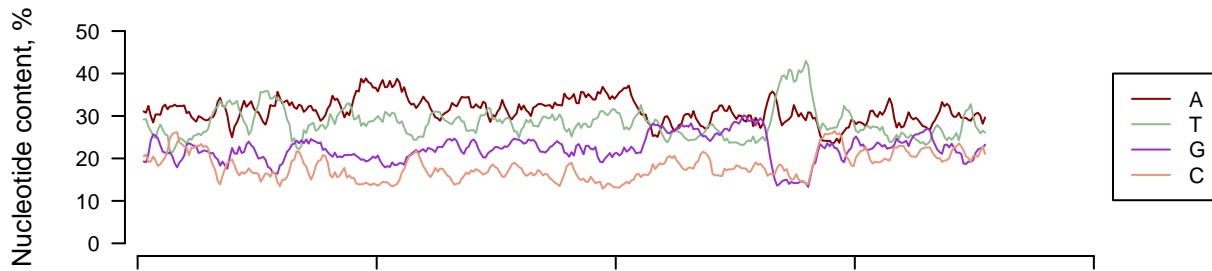
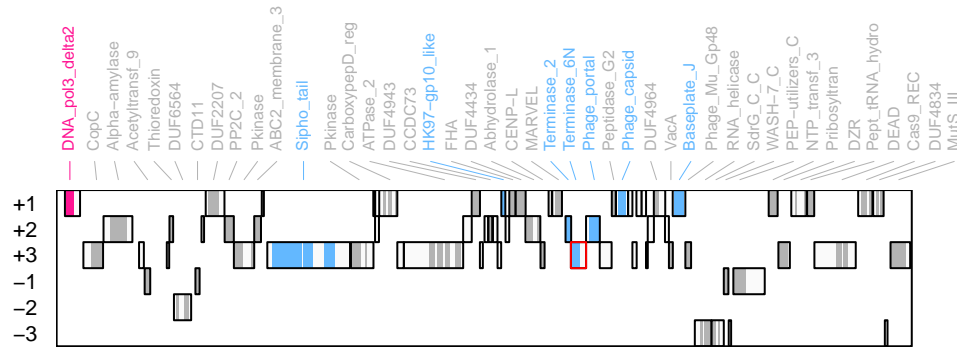
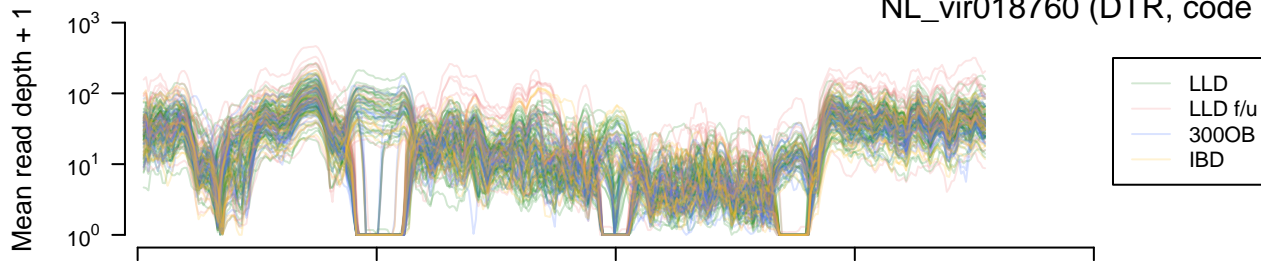


0 20

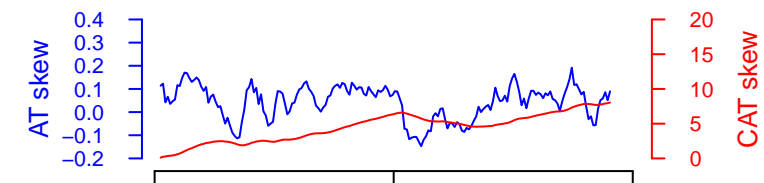
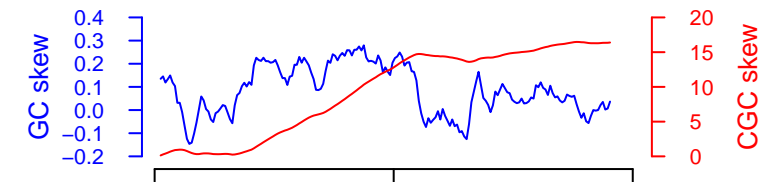
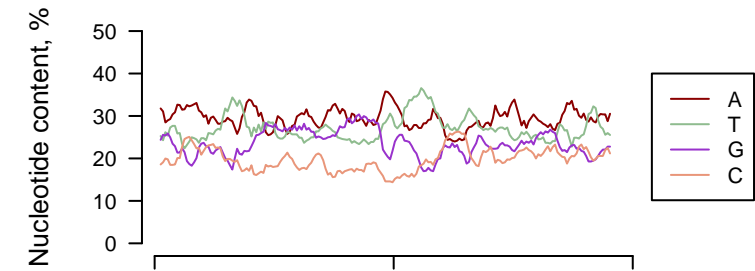
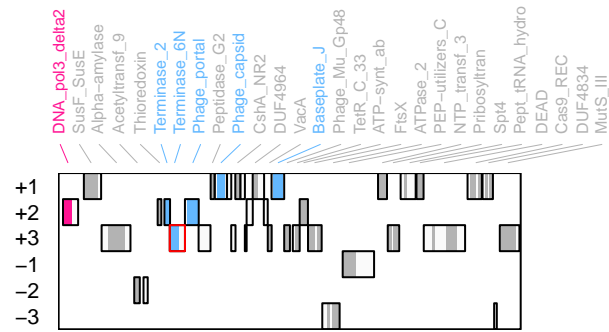
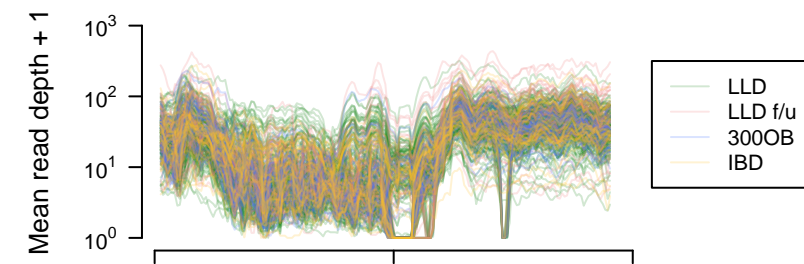
Genome, kb



# NL\_vir018760 (DTR, code 11)

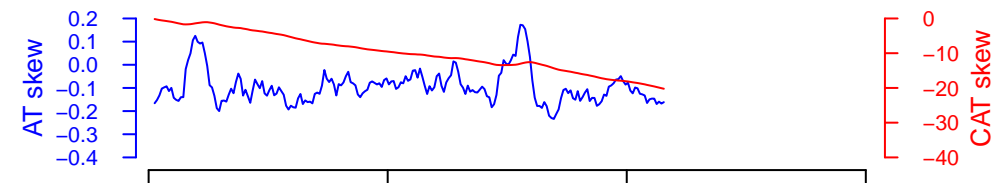
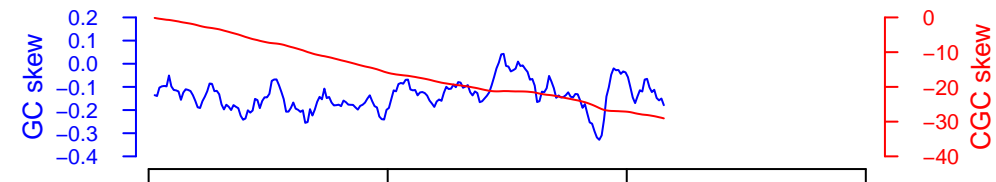
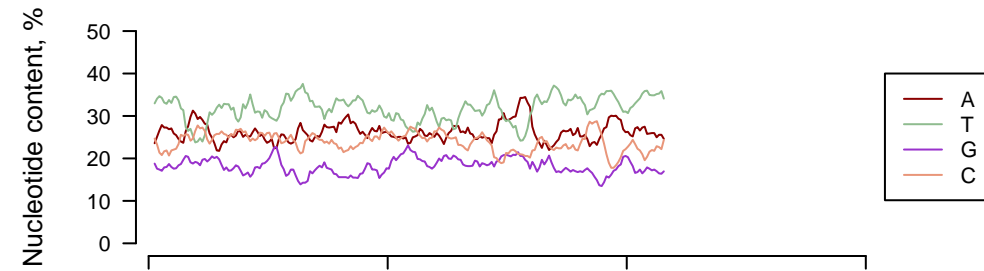
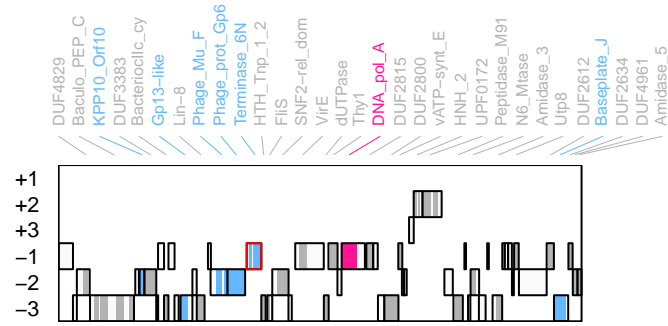
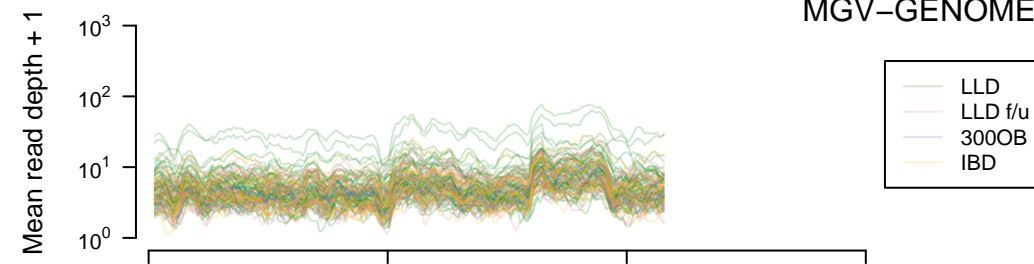


Genome, kb

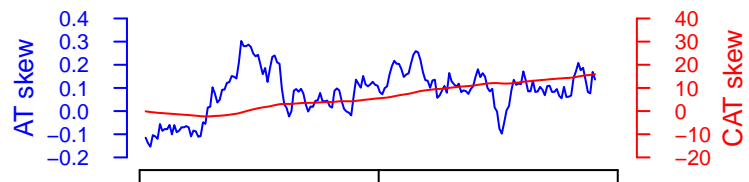
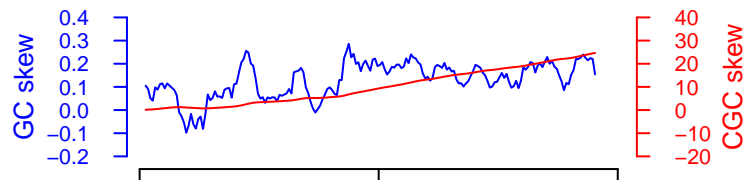
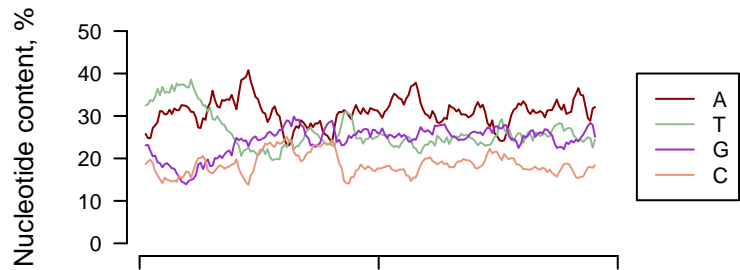
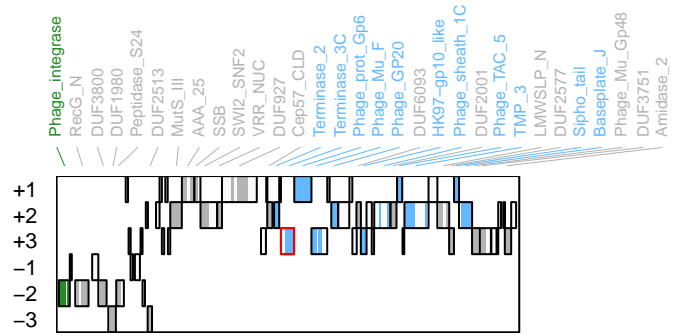
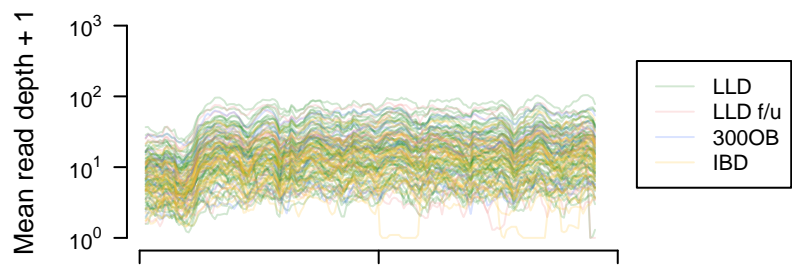


Genome, kb

# MGV-GENOME-0287672 (DTR, code 11)

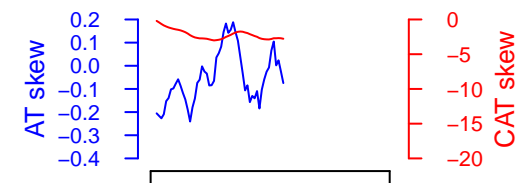
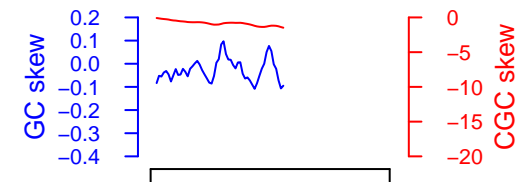
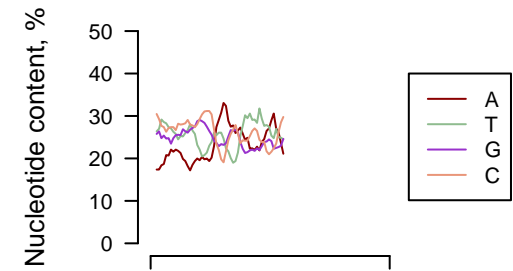
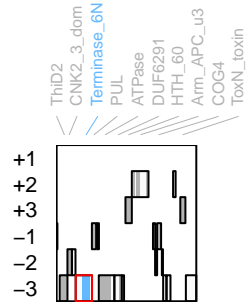
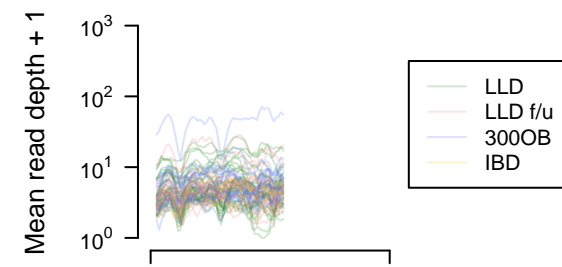


Genome, kb



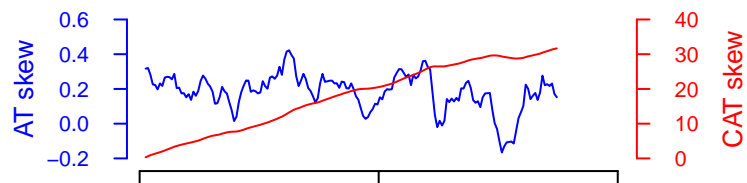
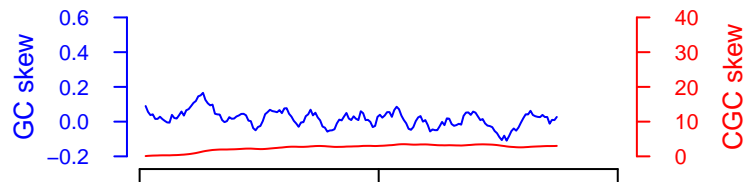
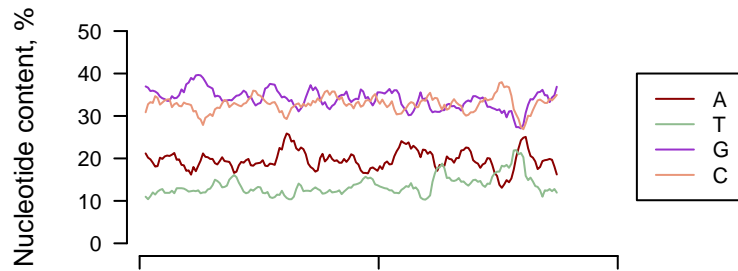
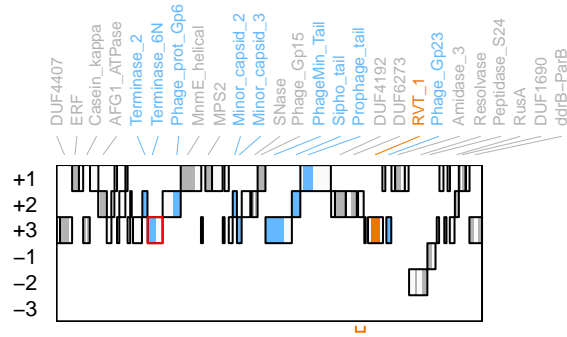
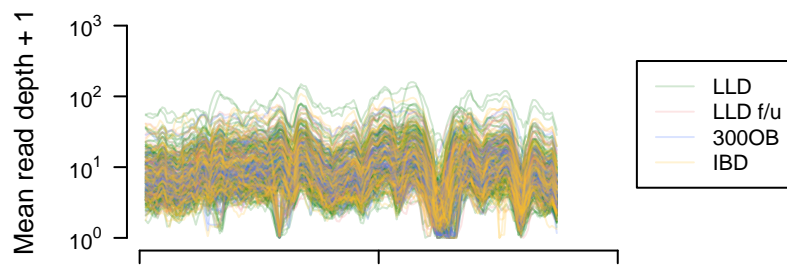
Genome, kb

uvig\_512347 (DTR, code 11)



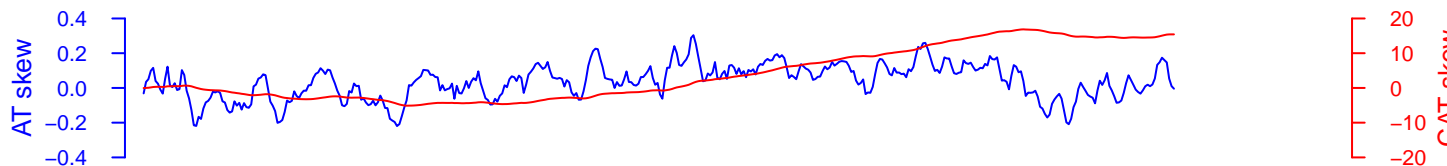
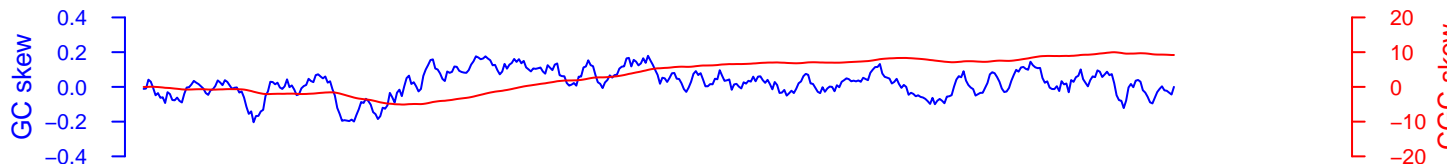
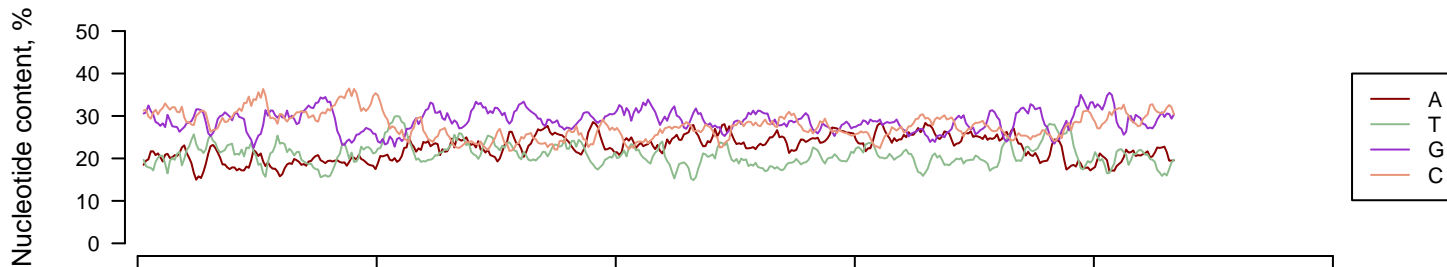
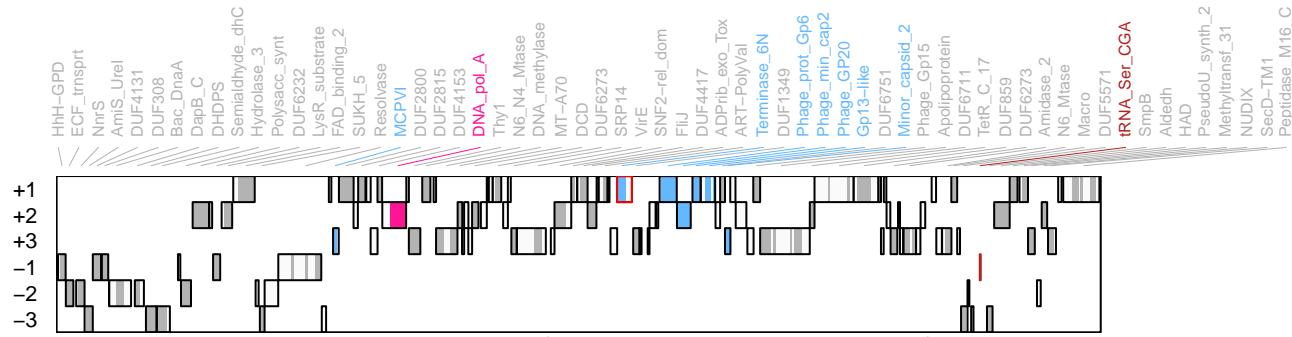
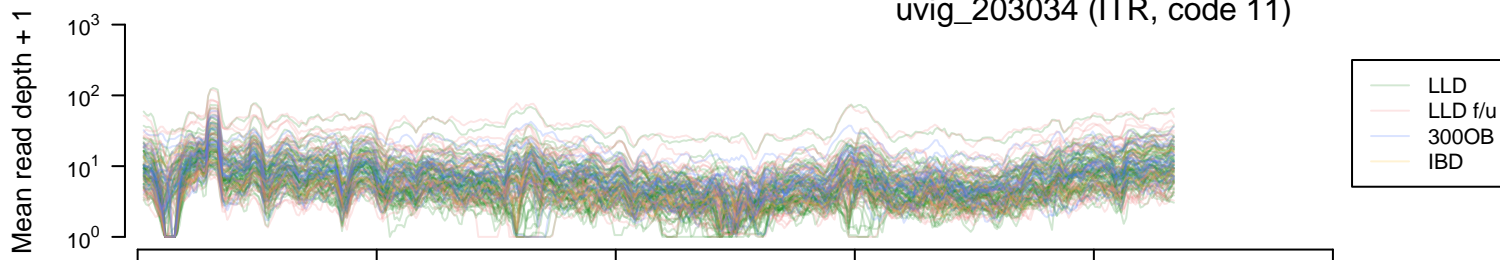
0 20

Genome, kb



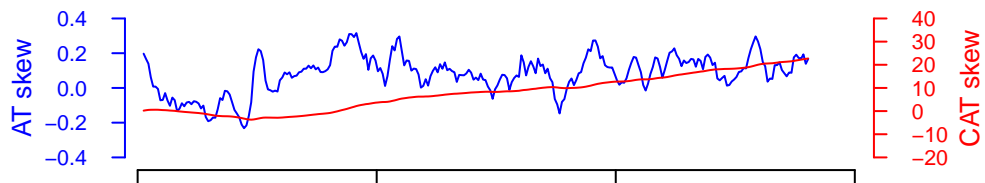
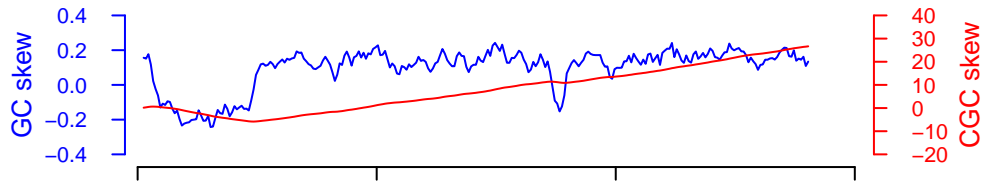
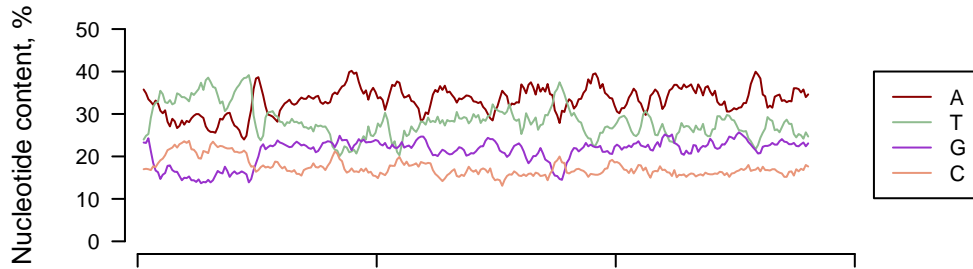
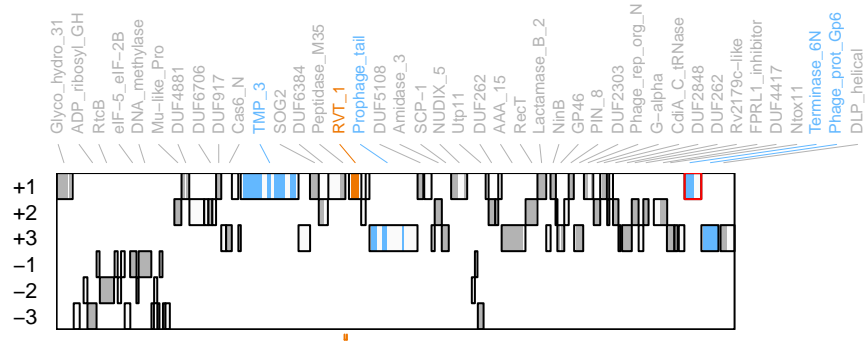
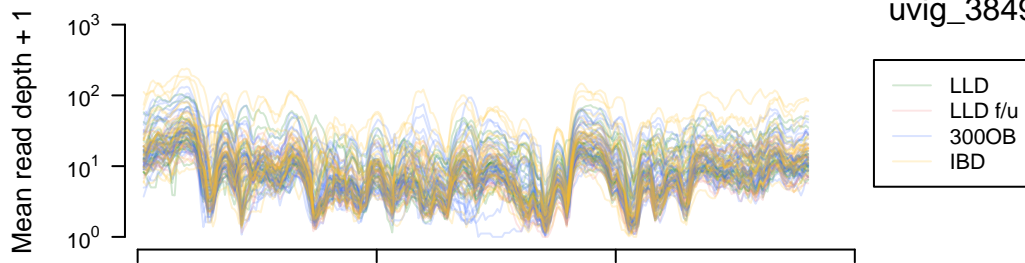
Genome, kb

# uvig\_203034 (ITR, code 11)



Genome, kb

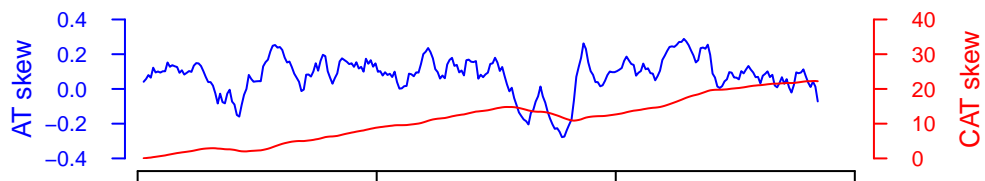
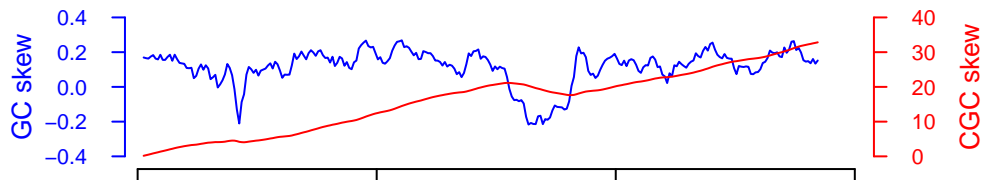
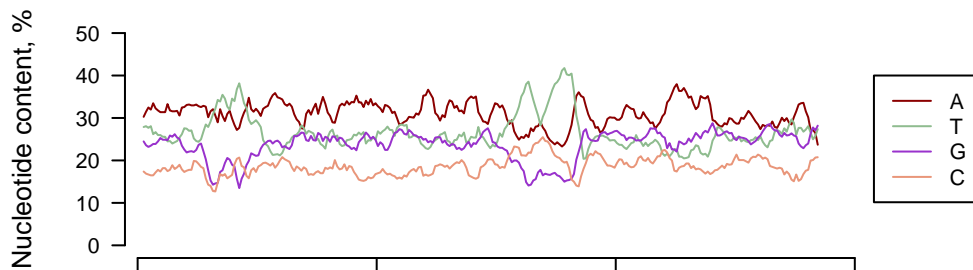
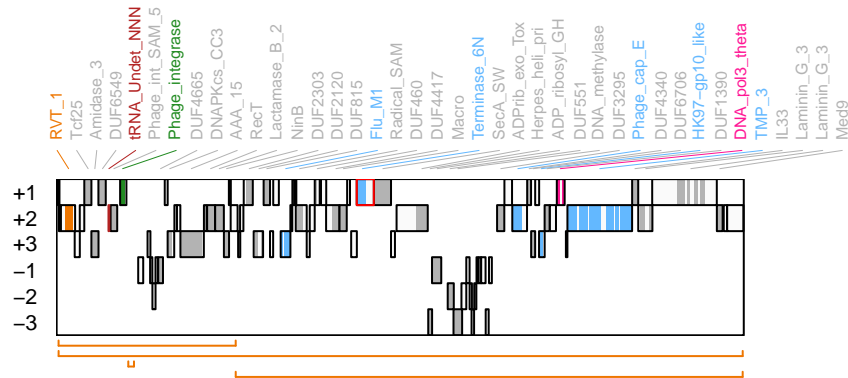
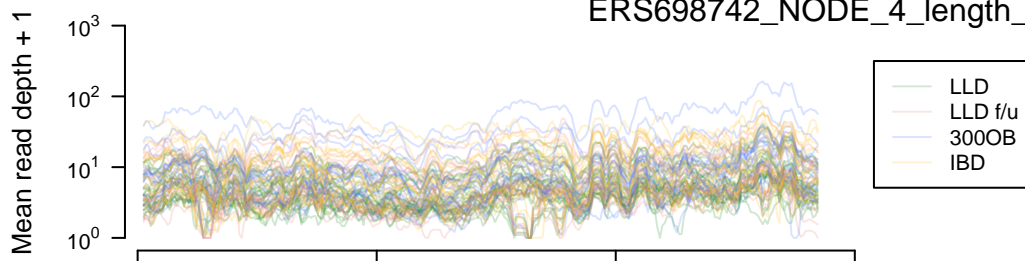
# uvig\_384903 (DTR, code 11)



Genome, kb

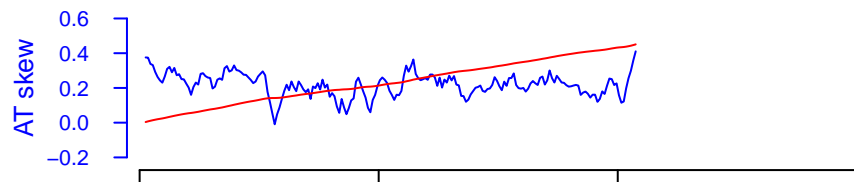
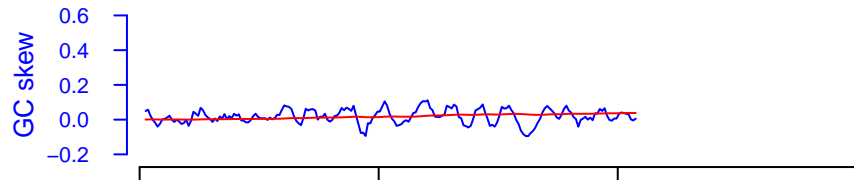
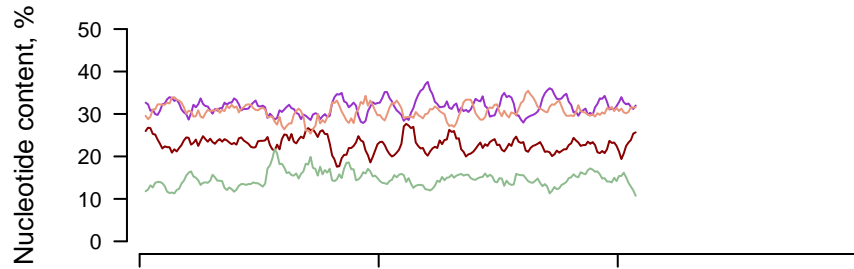
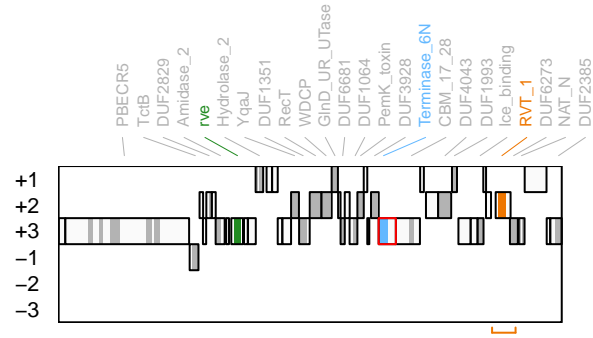
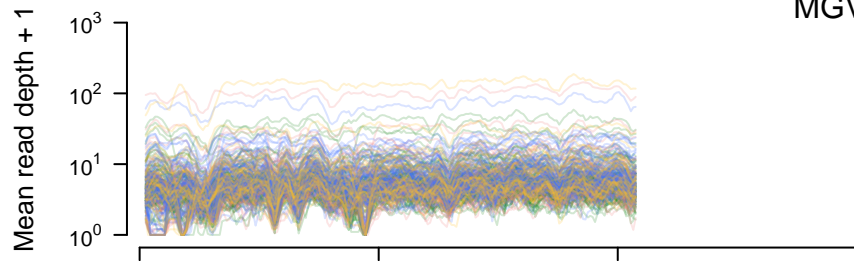


# ERS698742\_NODE\_4\_length\_57489\_cov\_840.739161 (DTR, code 11)



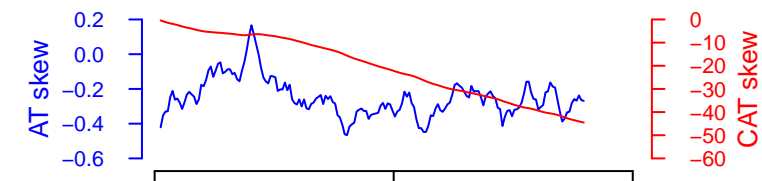
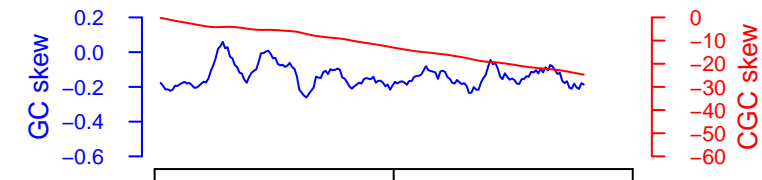
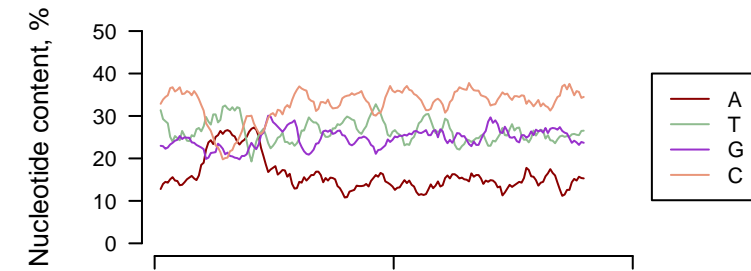
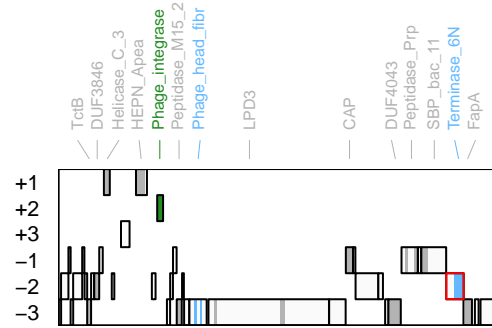
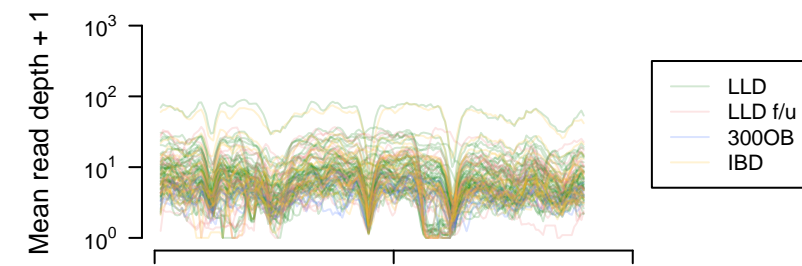
Genome, kb

# MGV-GENOME-0279285 (DTR, code 11)

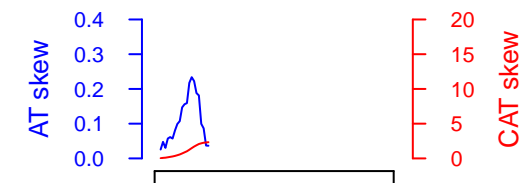
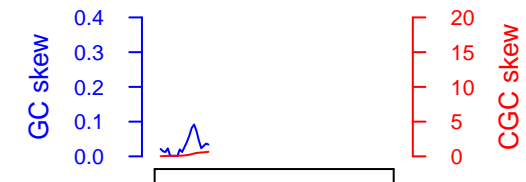
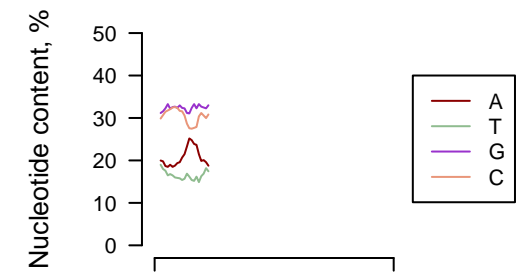
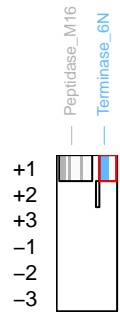


Genome, kb

# MGV-GENOME-0248858 (DTR, code 11)



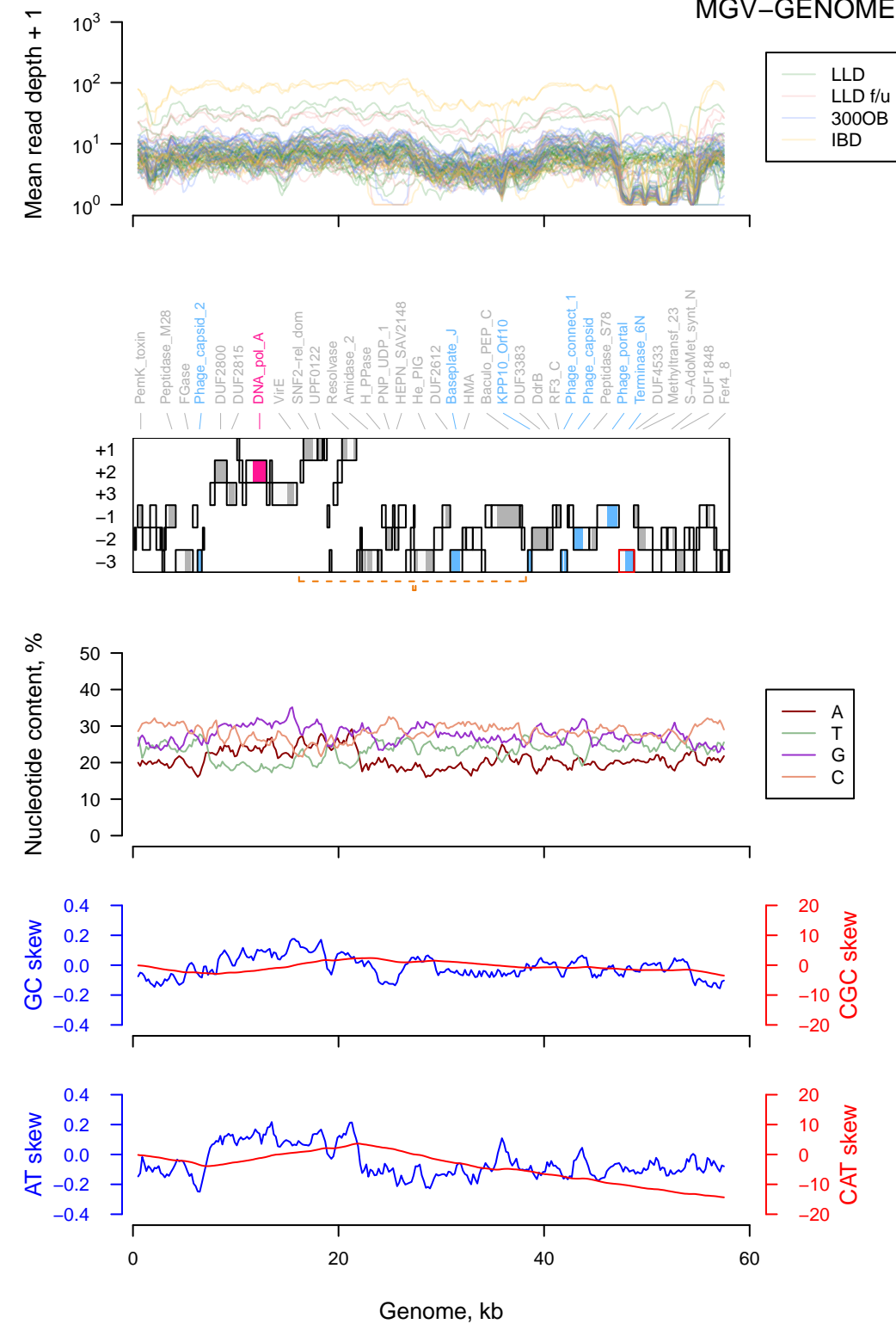
Genome, kb



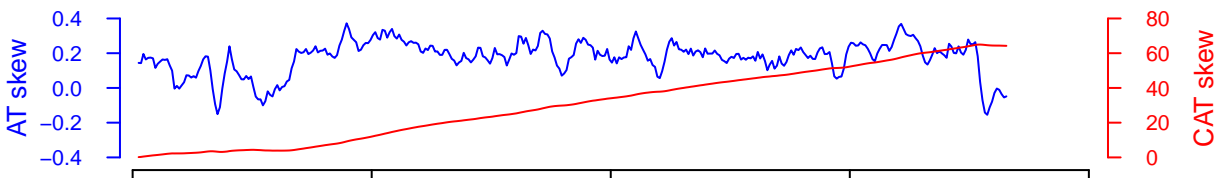
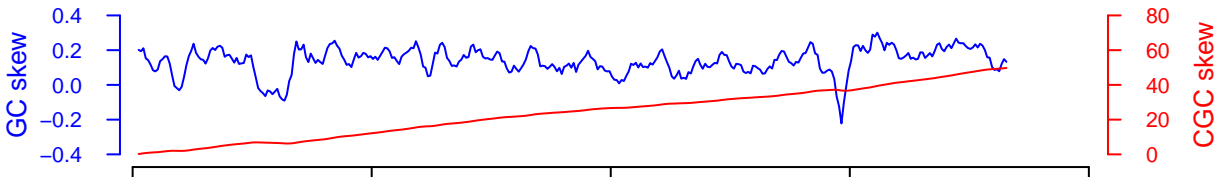
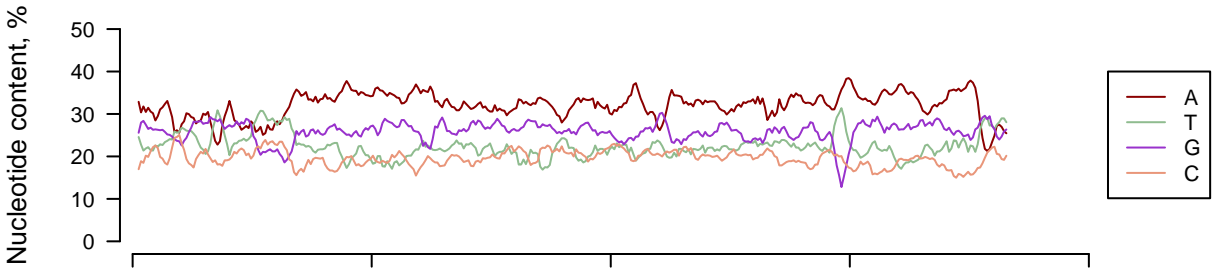
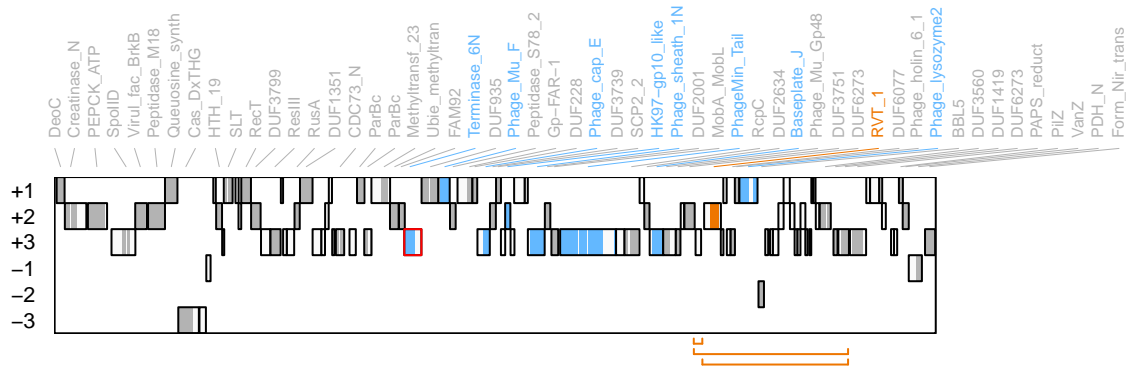
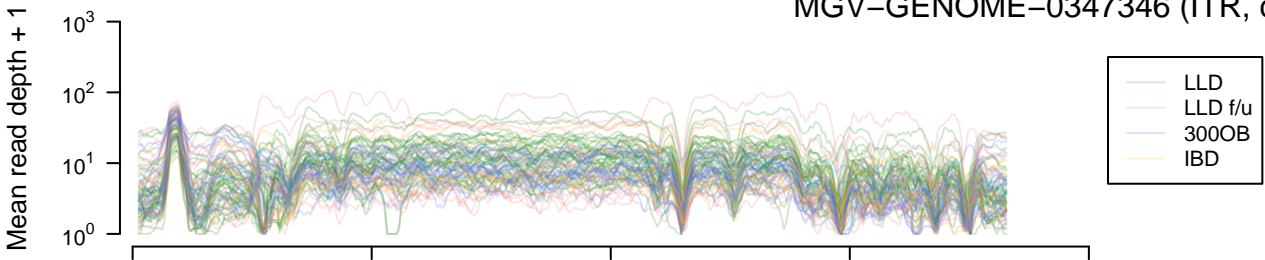
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Genome, kb

# MGV-GENOME-0328053 (DTR, code 11)



MGV-GENOME-0347346 (ITR, code 11)



Genome, kb