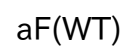


ChIP-seq analysis of the binding of PCNA in the presence or absence of Elg1 across the yeast genome

PCNA ChIP-seq analysis was performed as shown in main Figure 2. Note that some peaks reflect unannotated replication origin sites, for example the peak at ~0.133 Mbp on ChrIV corresponds to unannotated ARS407. Many such non-annotated sites with PCNA peaks correspond to 'likely' or 'dubious' origins listed in the OriDB database. One exception was identified; ~0.820 Mbp on ChrVII shows a small PCNA peak that does not correspond to any previously noted origin site. This peak could potentially represent a previously unnoted origin.

chr11



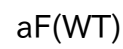
15min(WT)

30min(WT)

$$aF(\Delta \text{elg1})$$

15min(Δ elg1)

30min(Δ elg1)



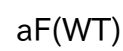
15min(WT)

30min(WT)

$$aF(\Delta \text{elg1})$$

15min(Δ elg1)

30min(Δ elg1)



15min(WT)

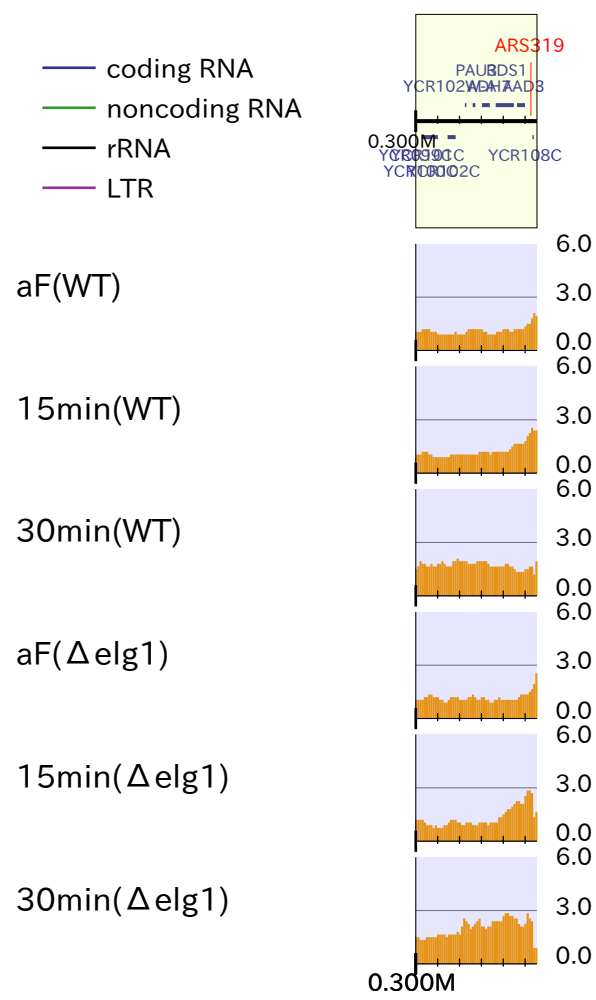
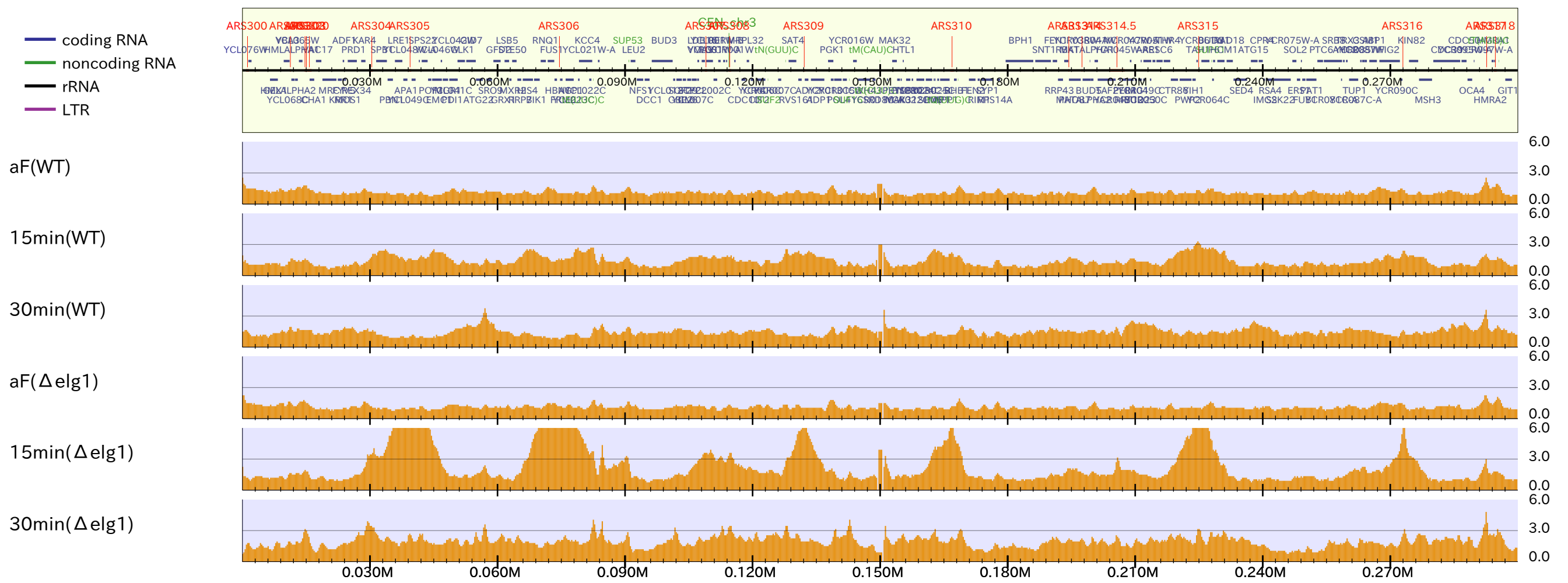
30min(WT)

$$aF(\Delta \text{elg1})$$

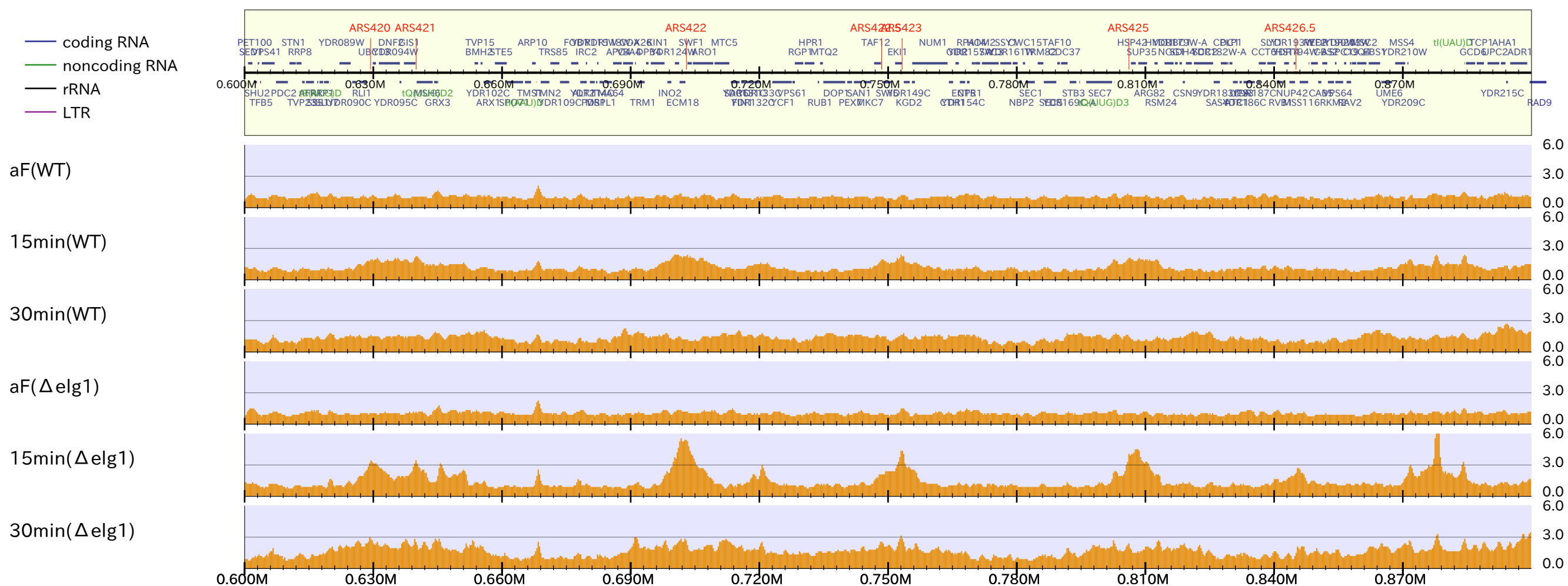
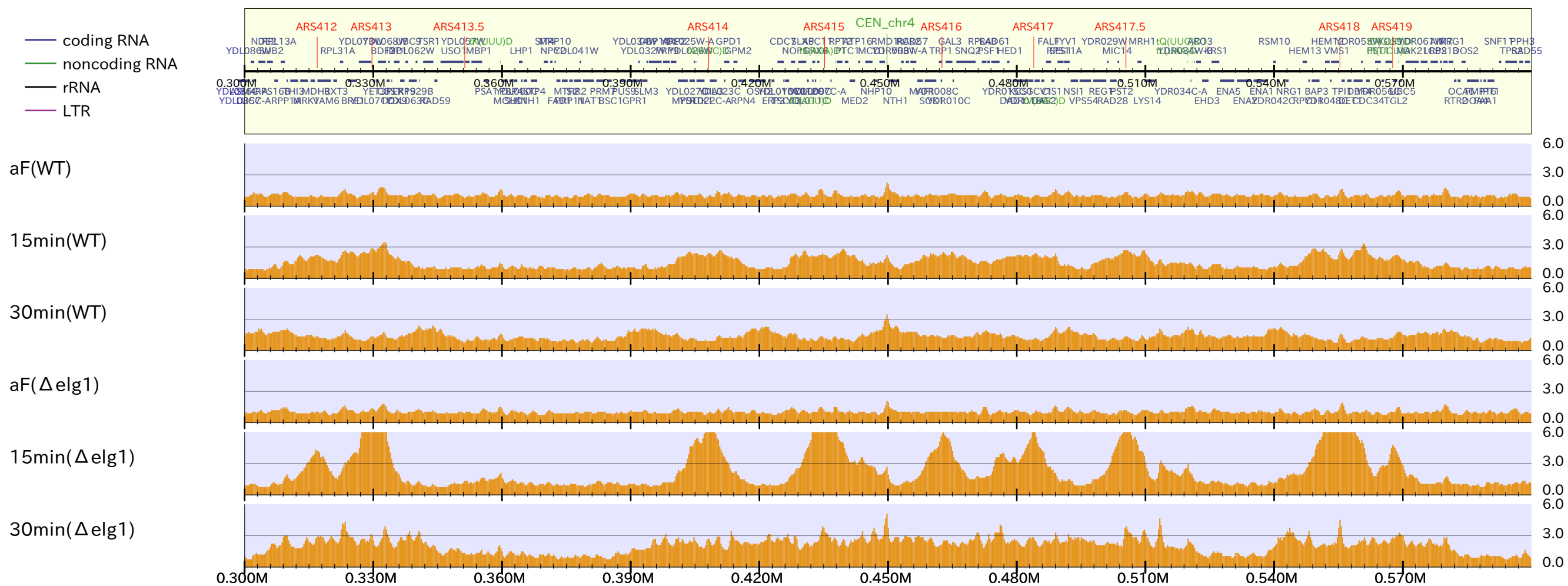
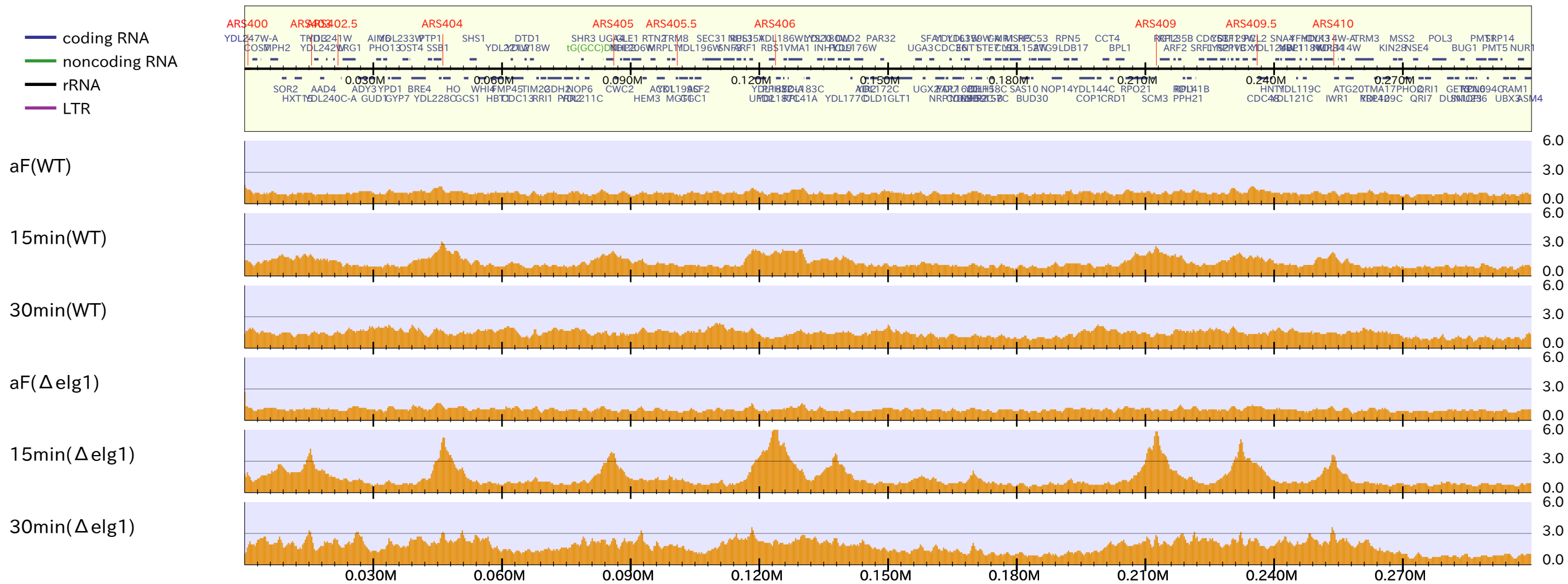
15min(Δ elg1)

30min(Δ elg1)

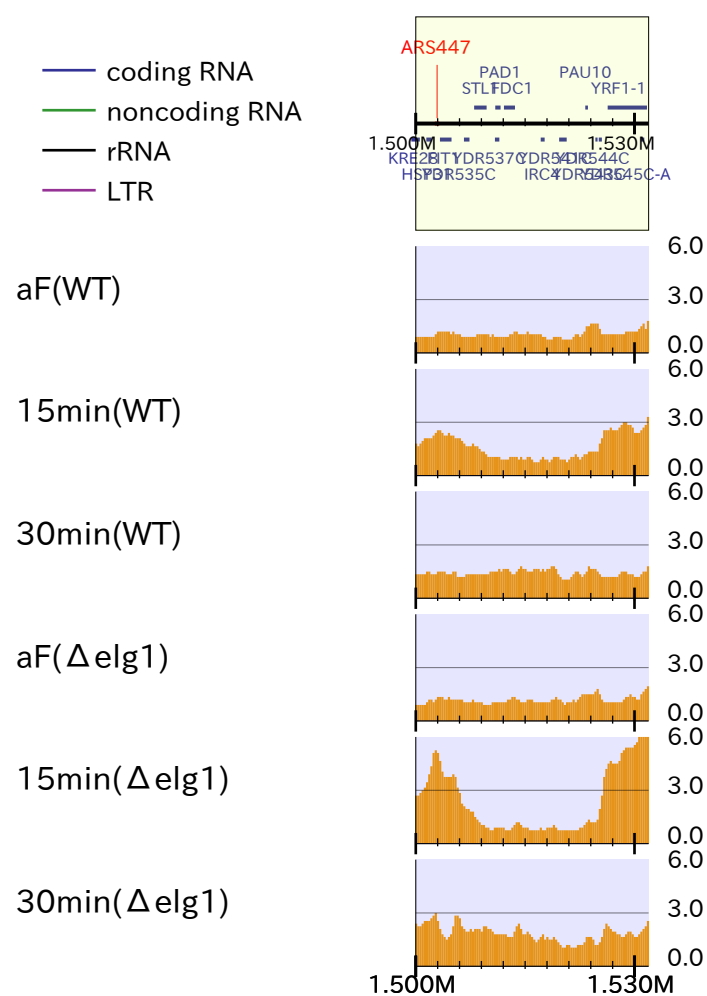
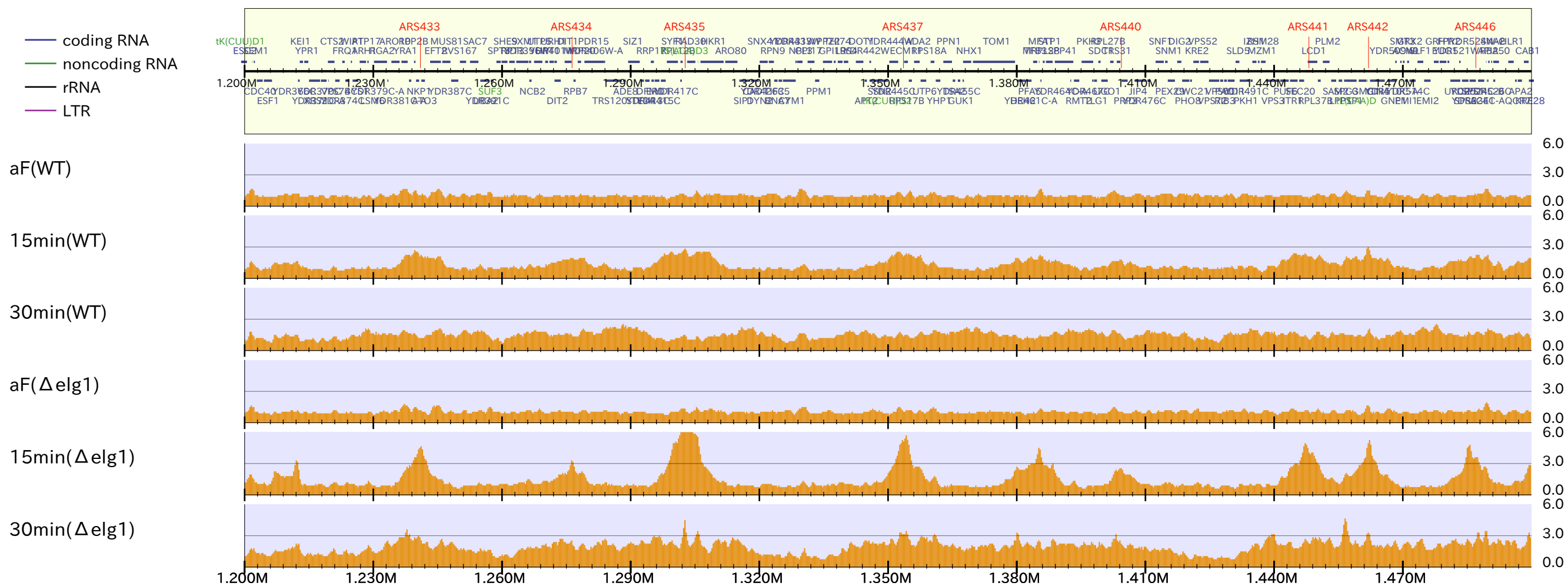
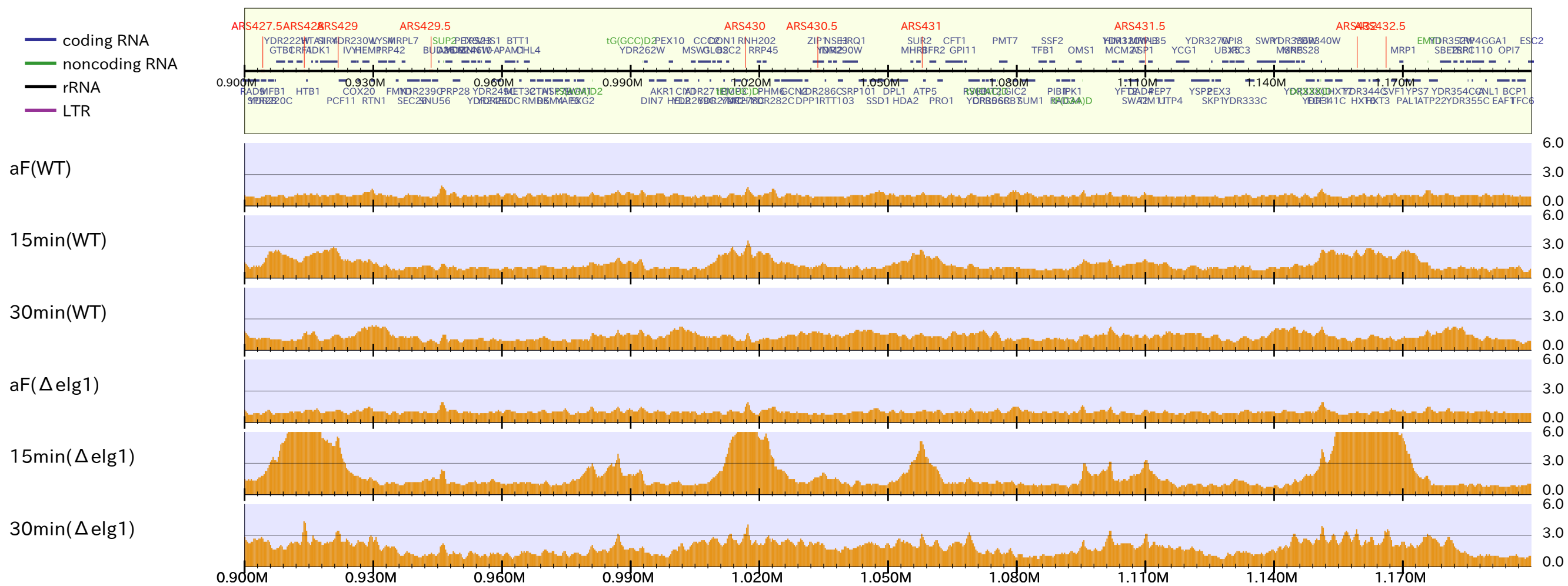
chrIII



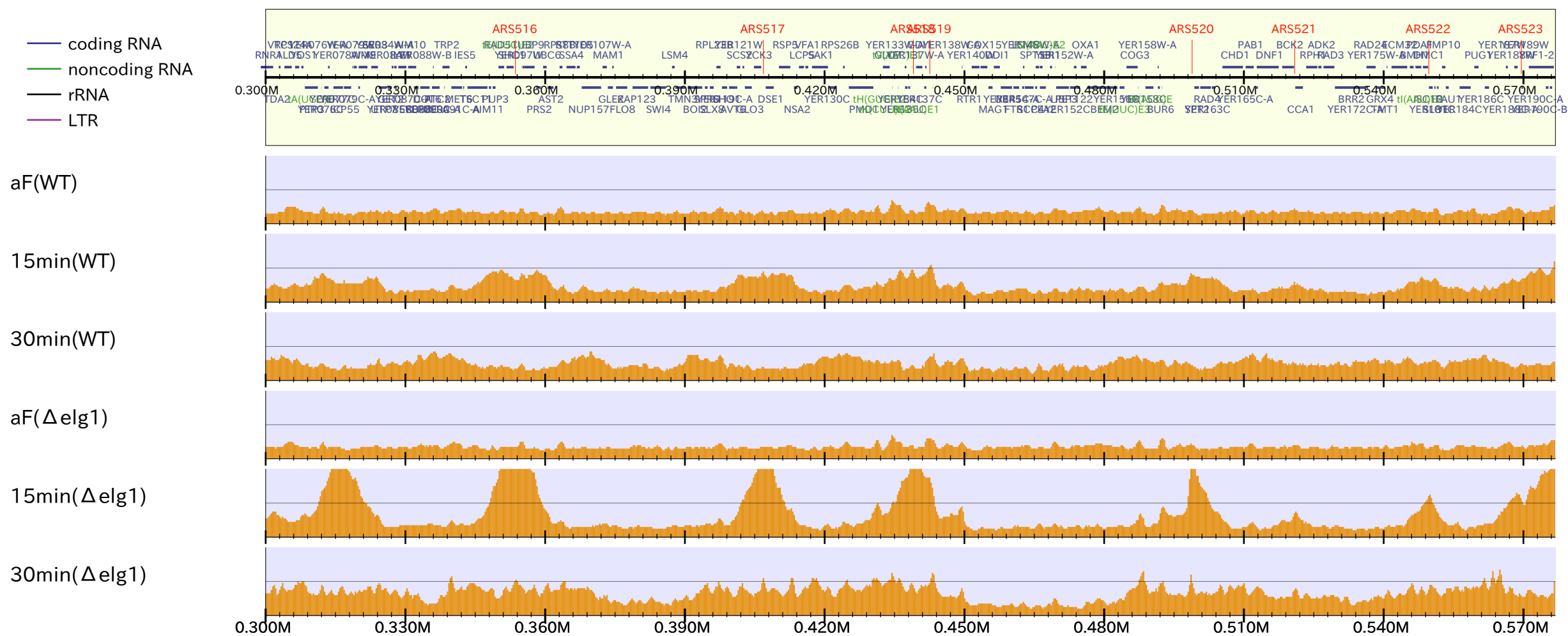
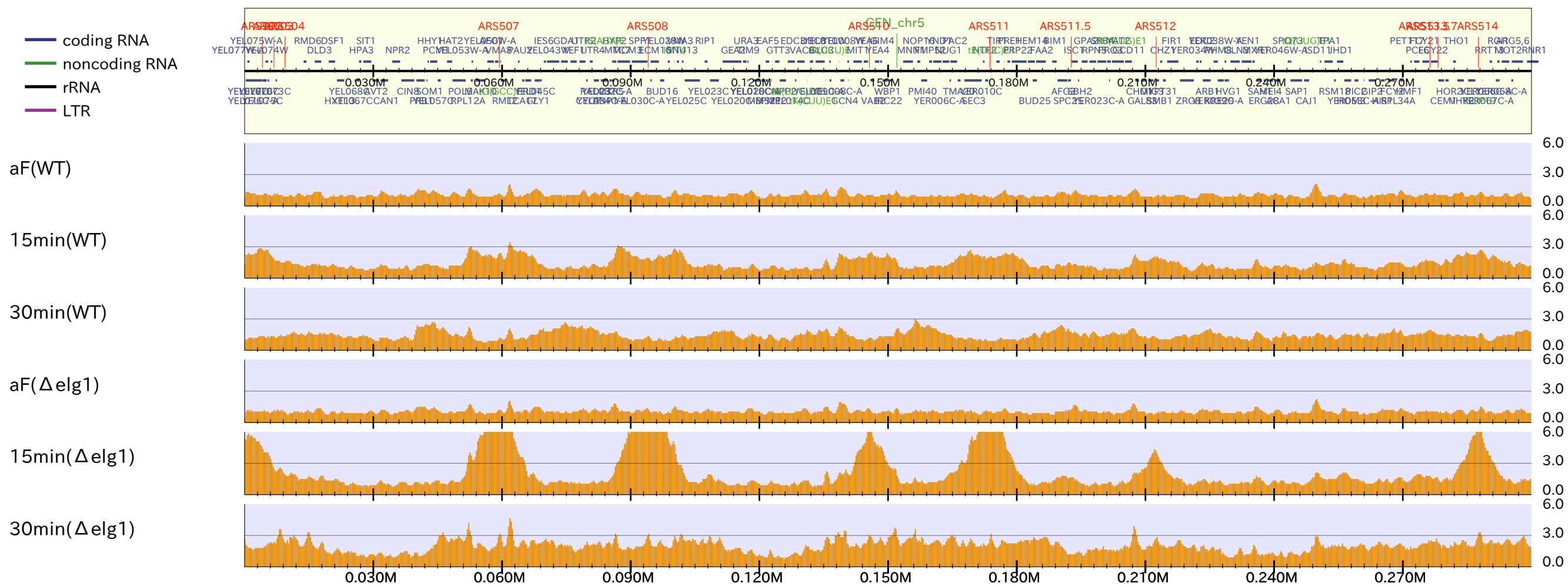
chrIV_1



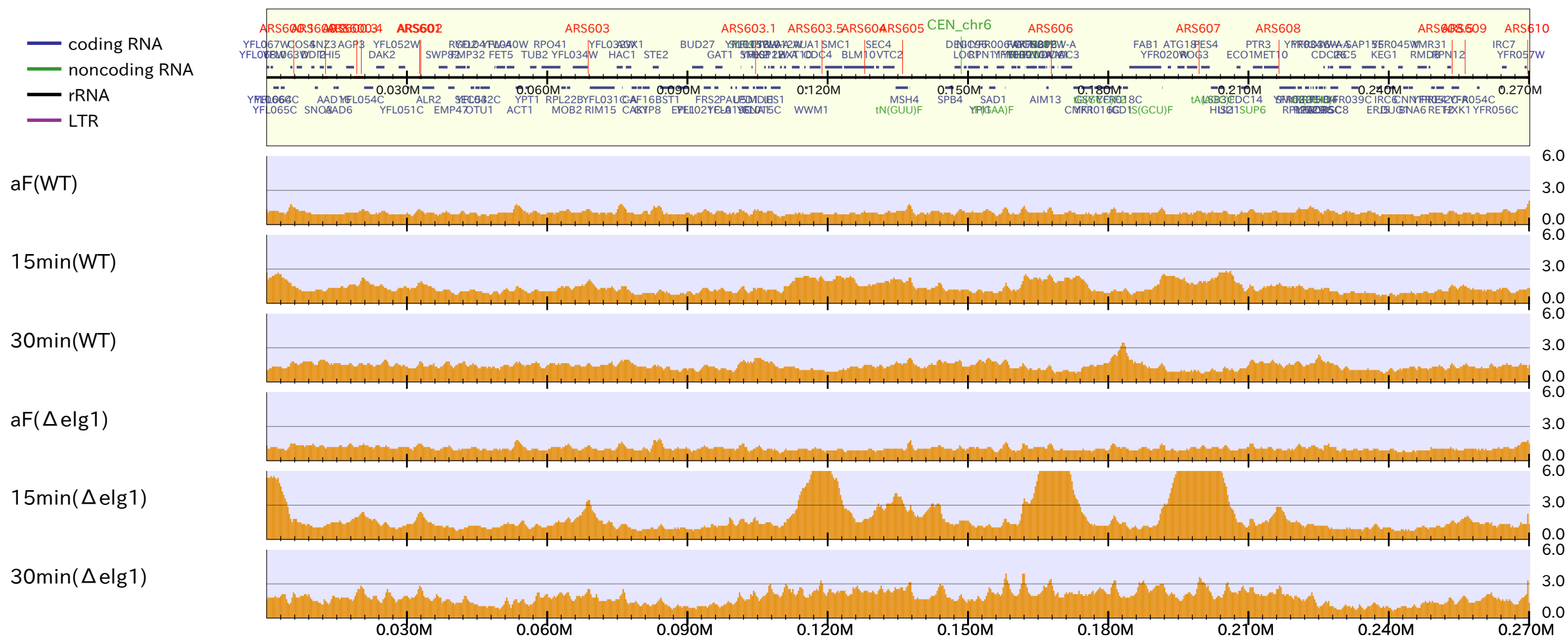
chrIV_2



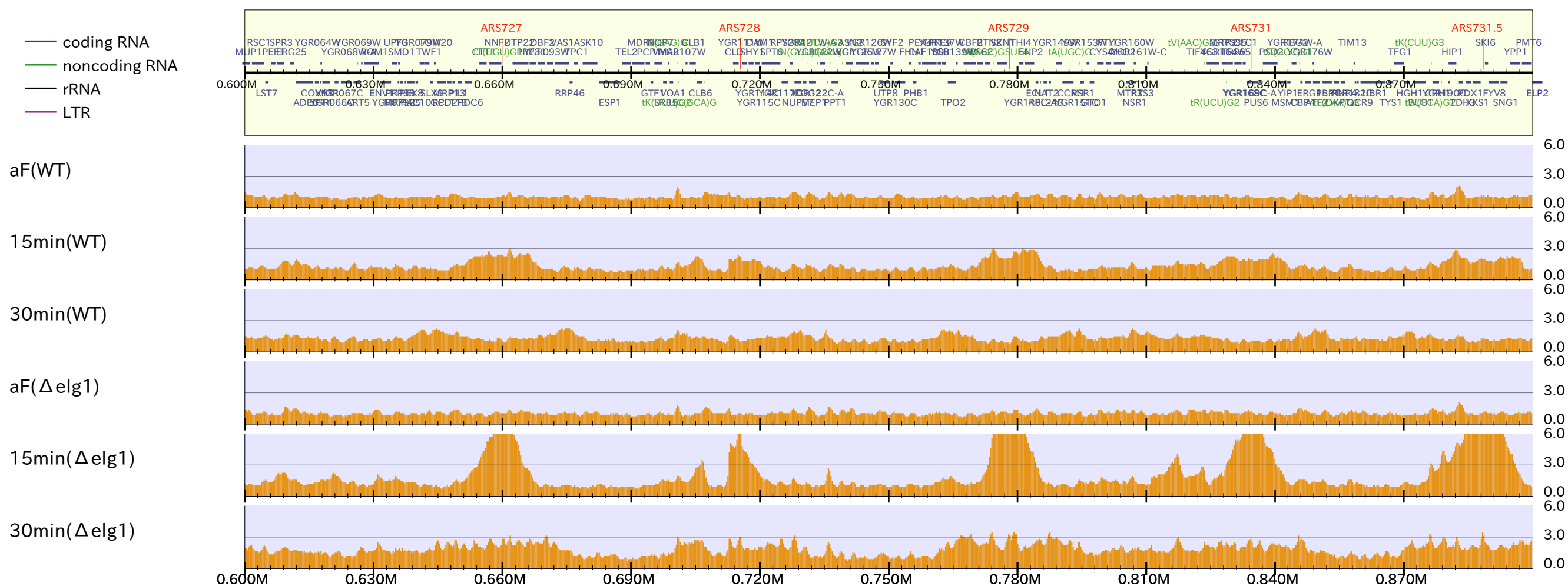
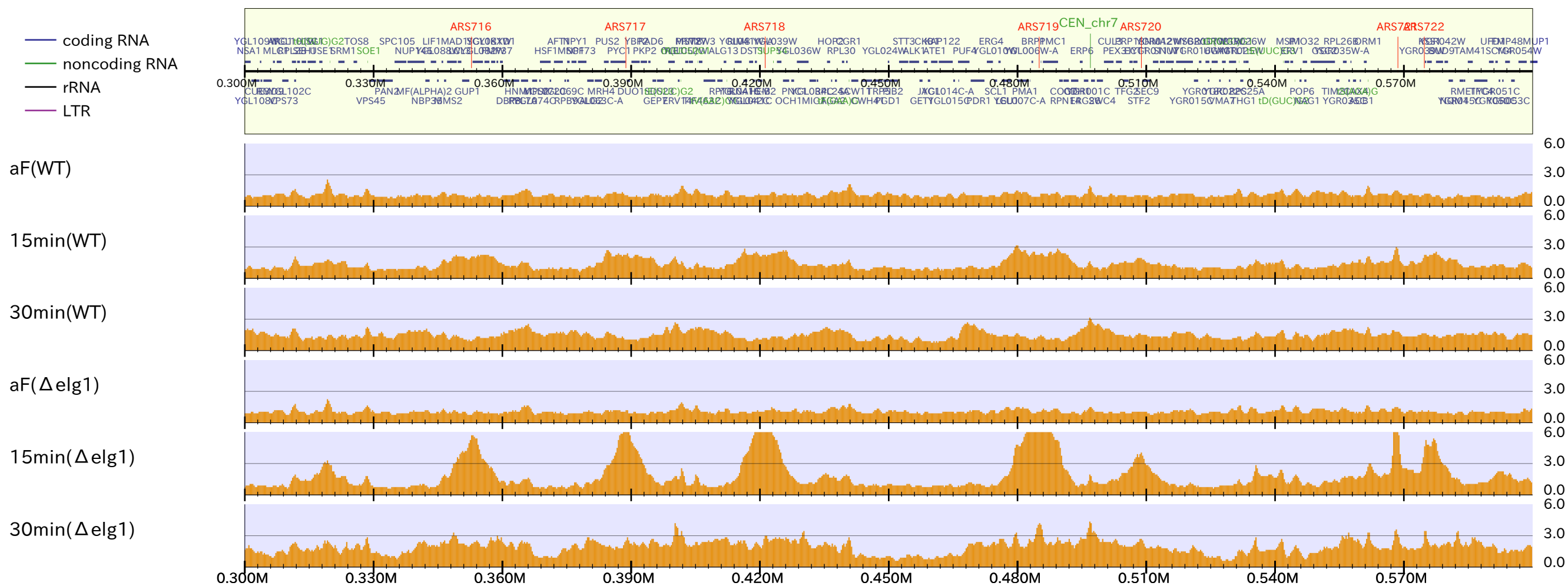
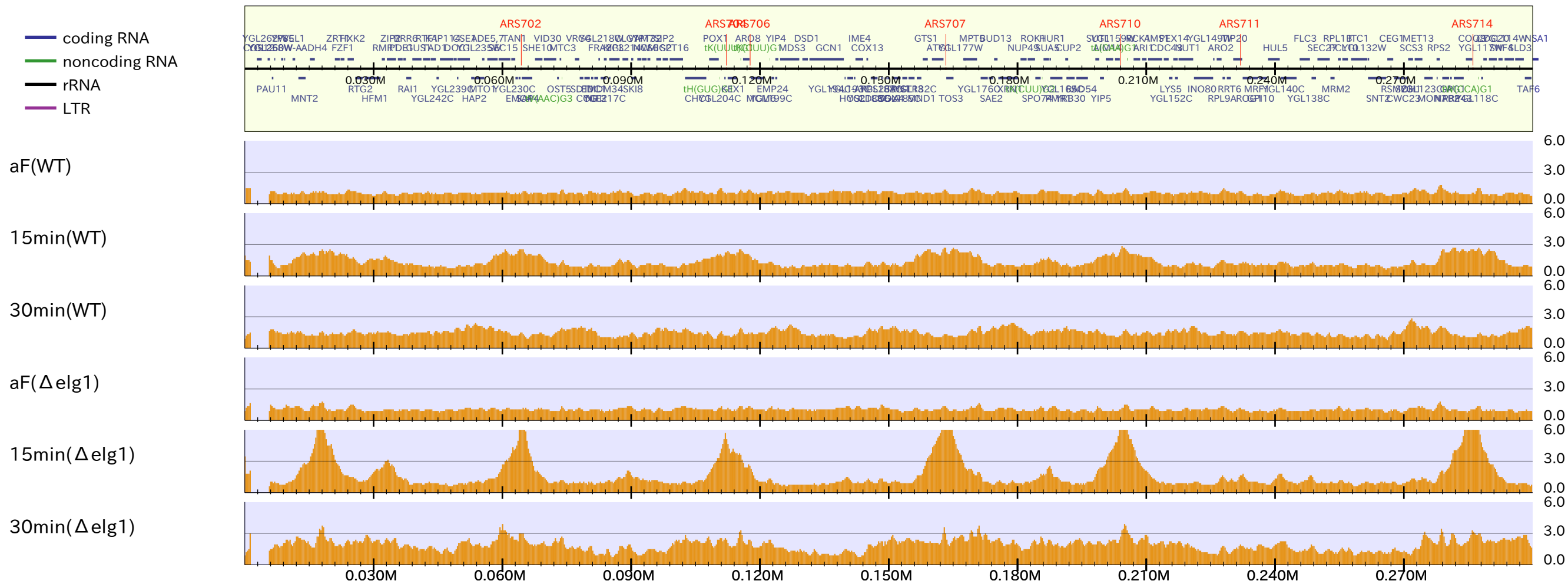
chrV



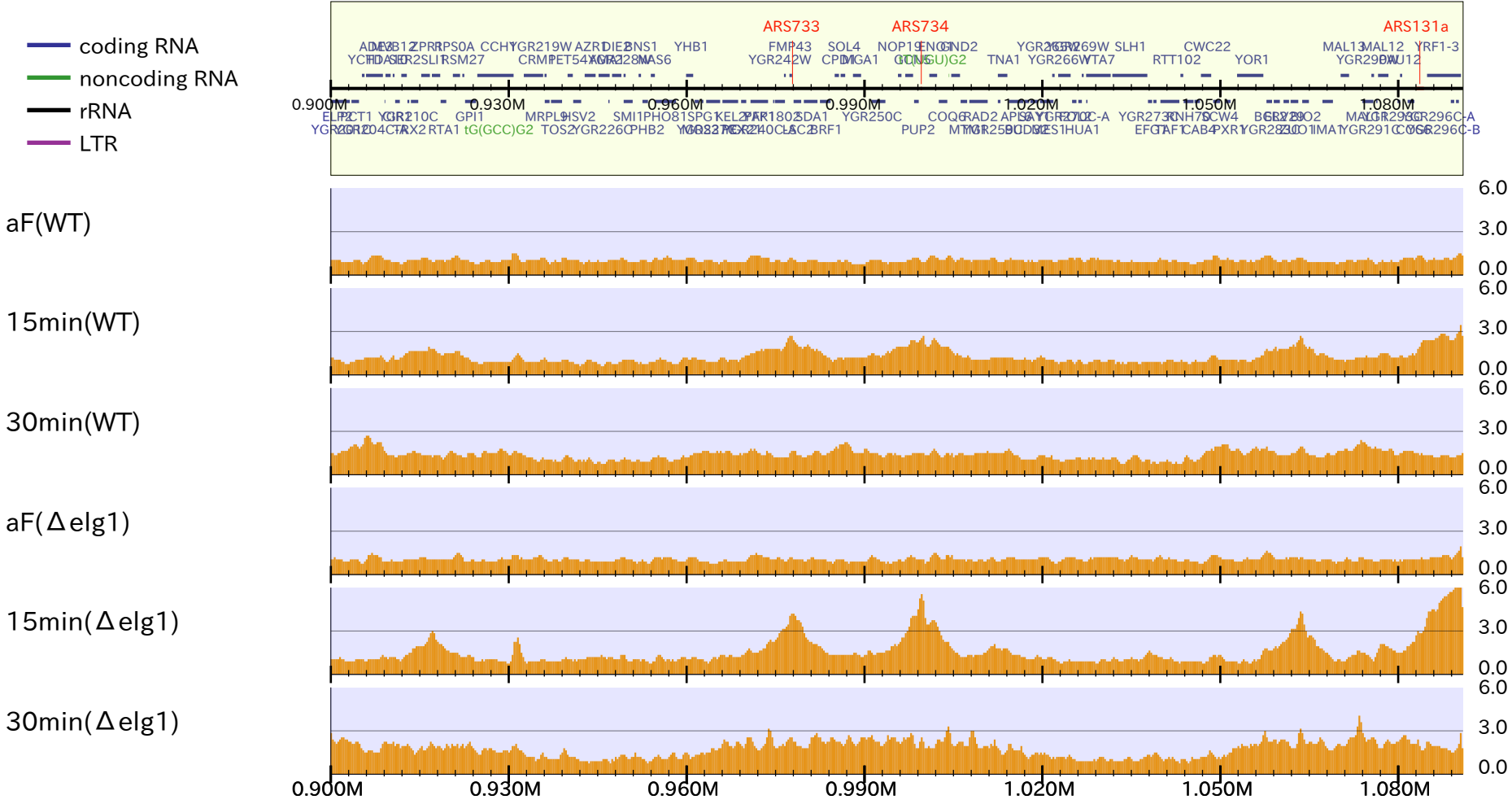
chrVI



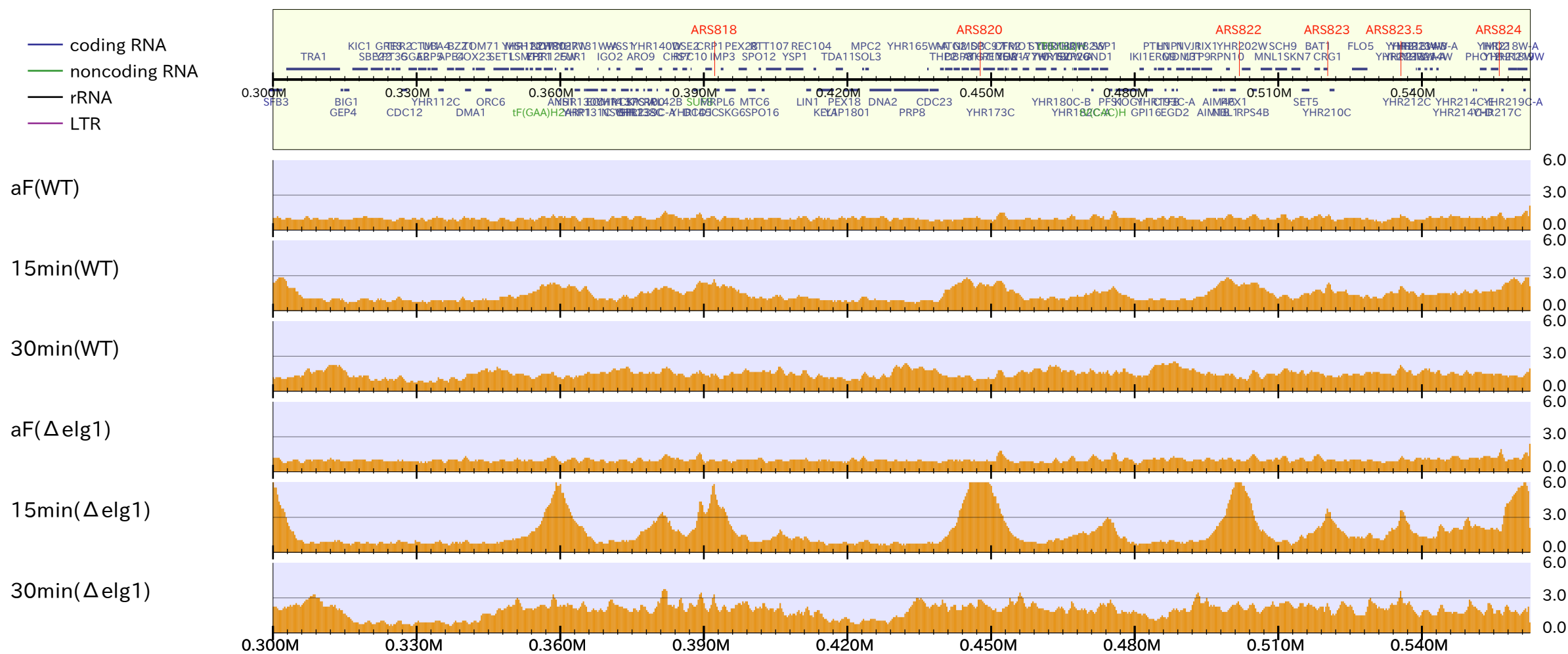
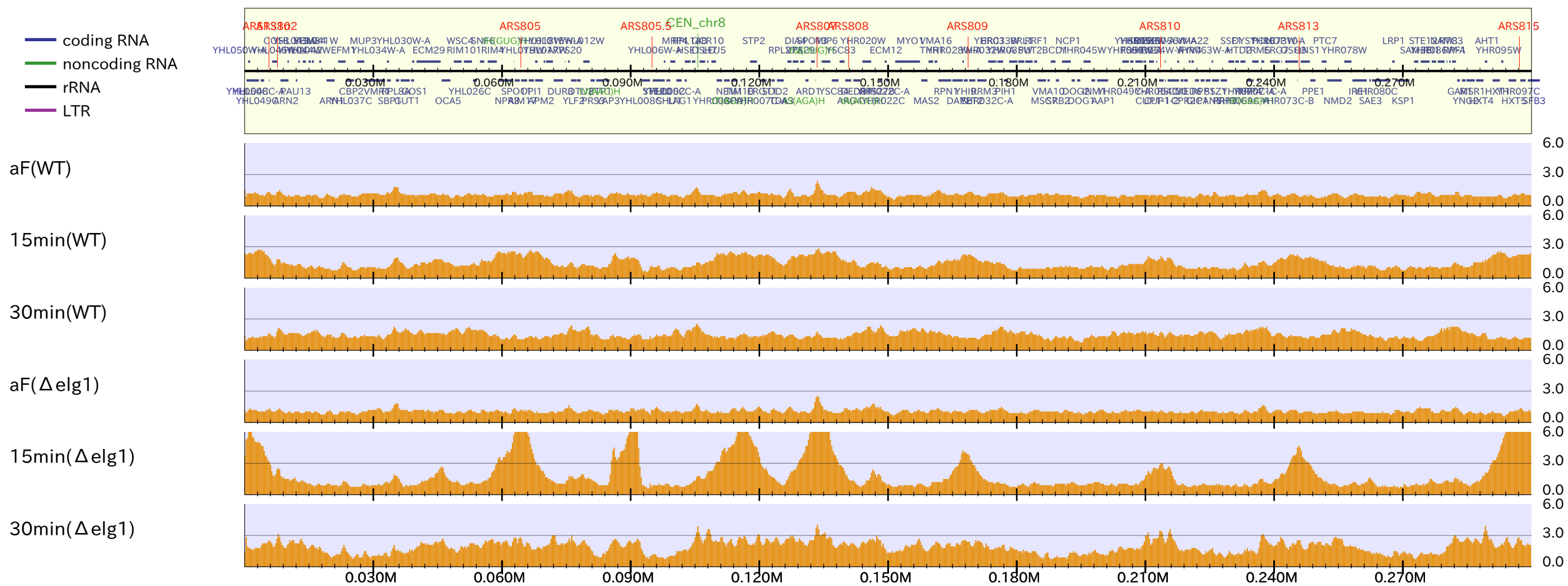
chrVII_1



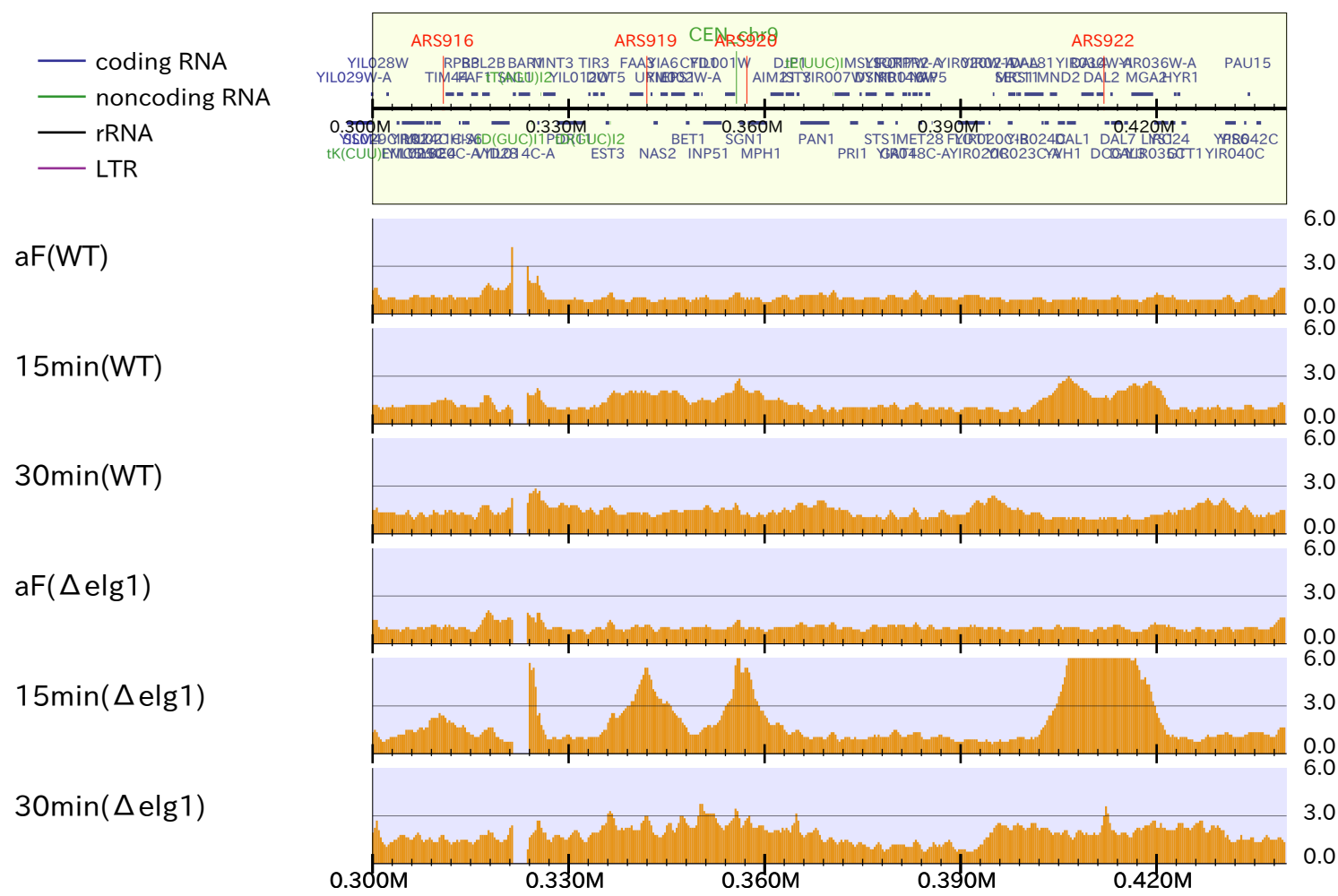
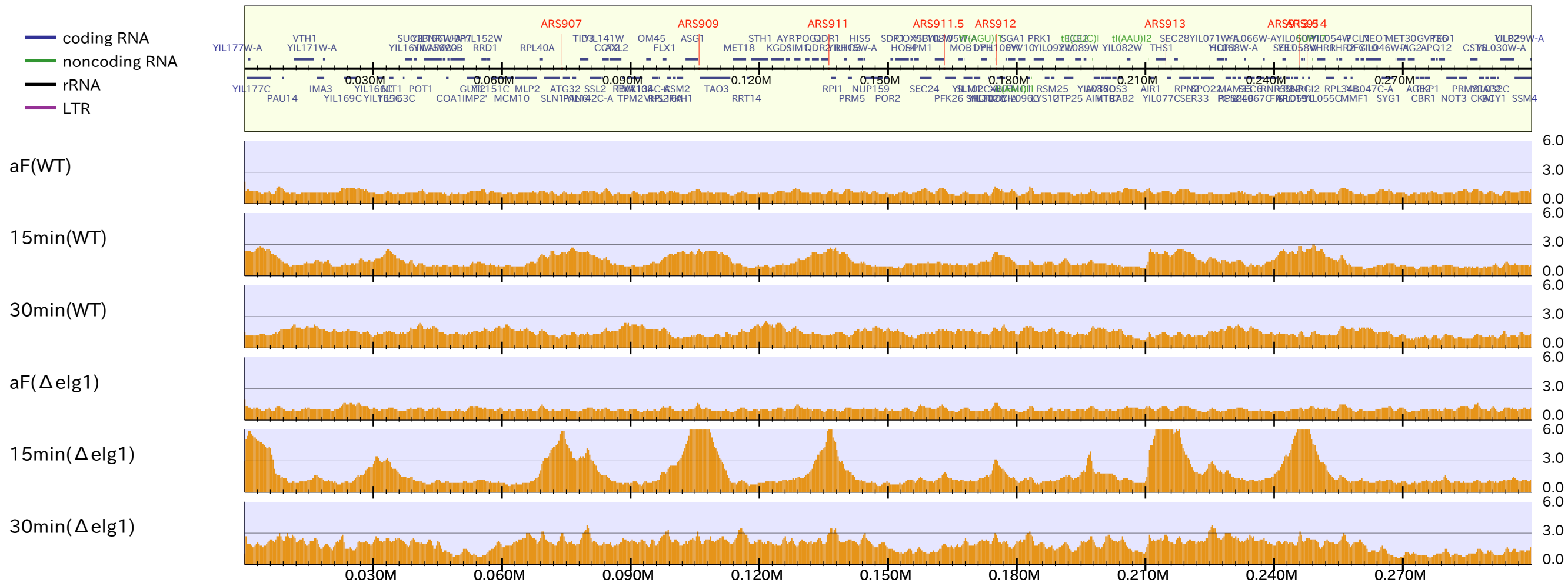
chrVII_2



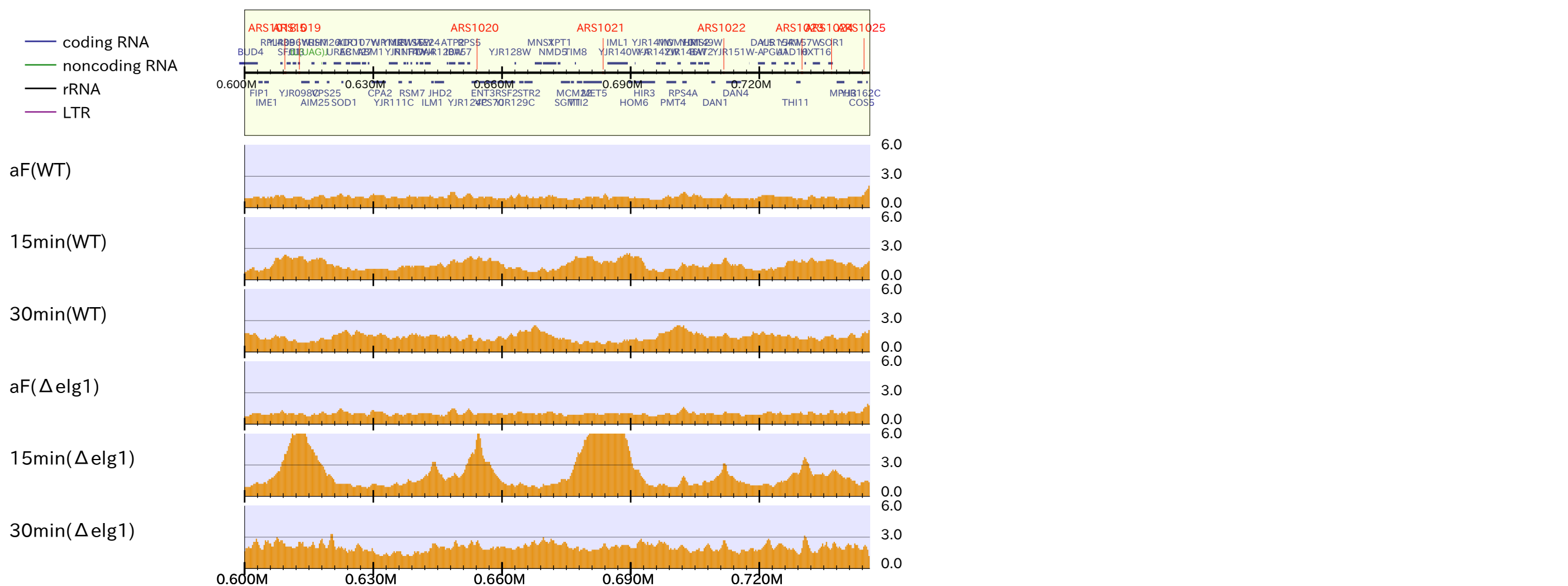
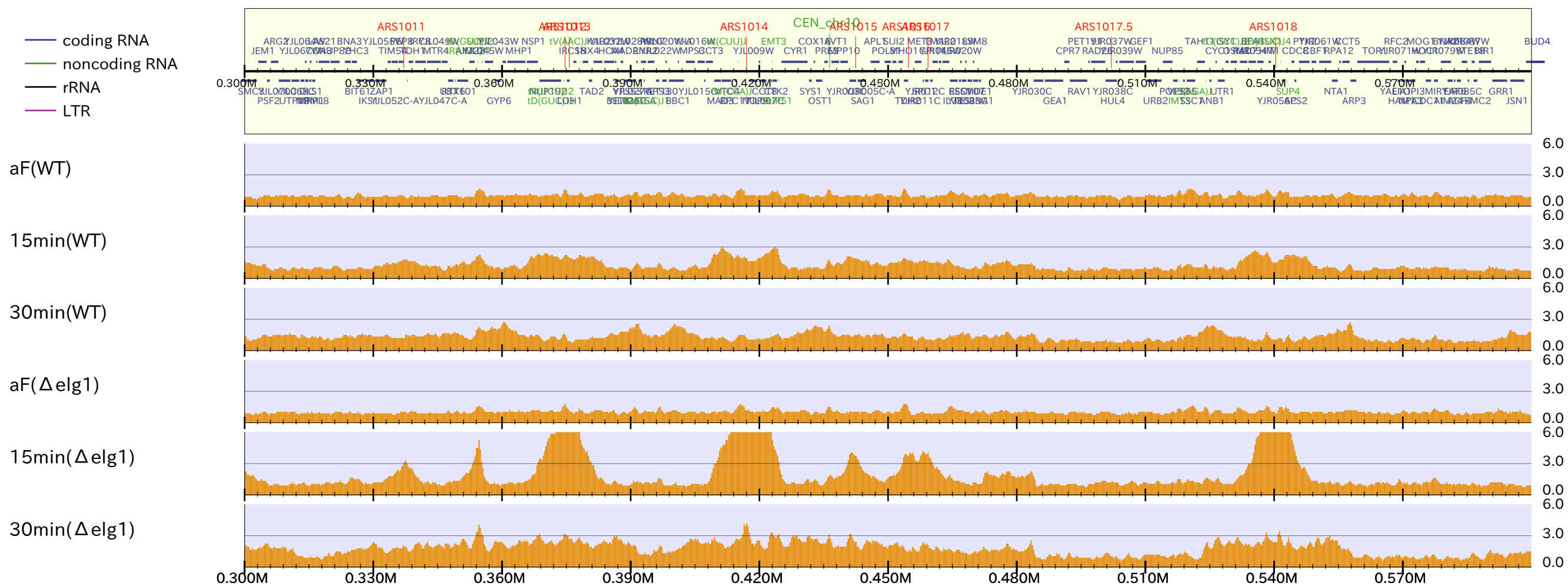
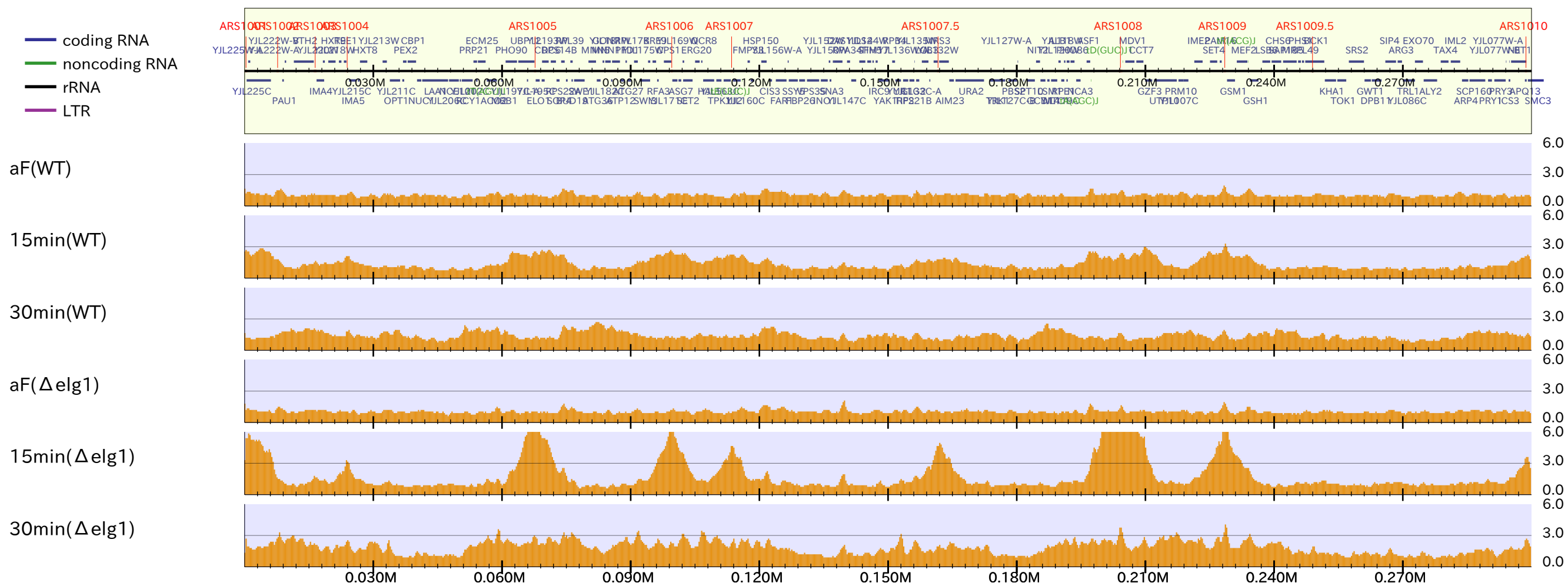
chrVIII



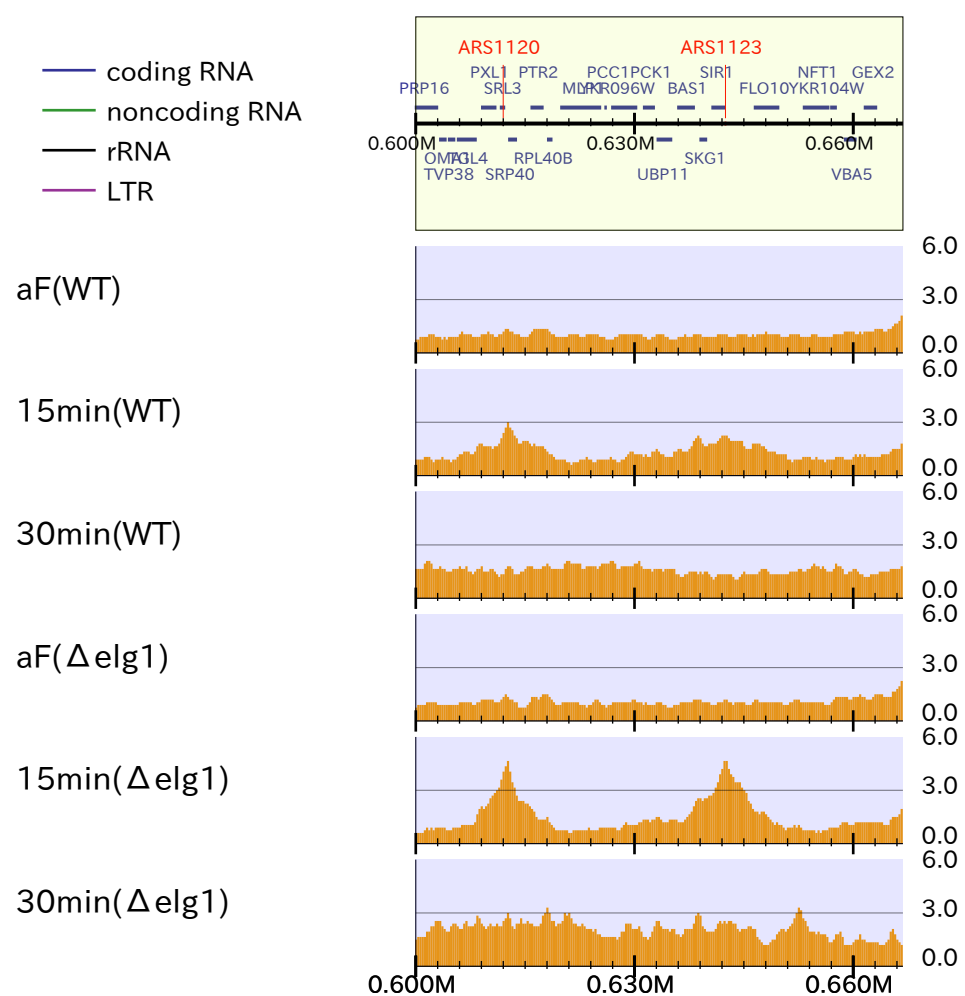
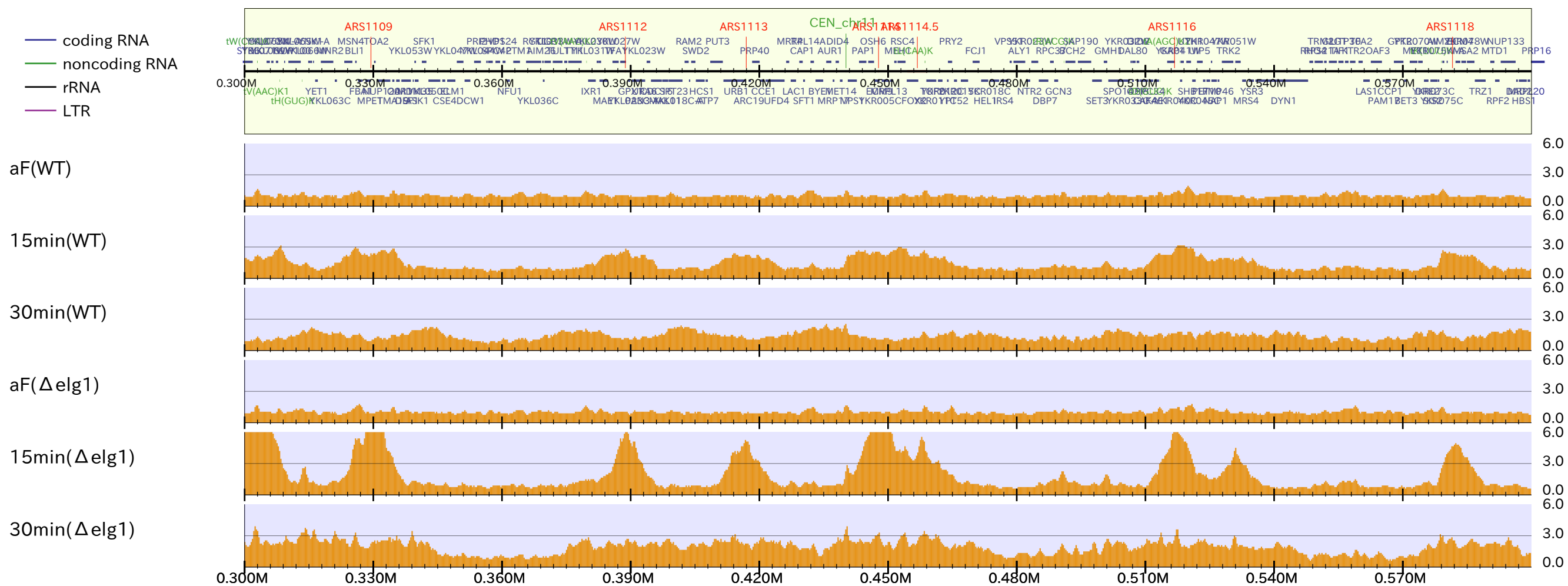
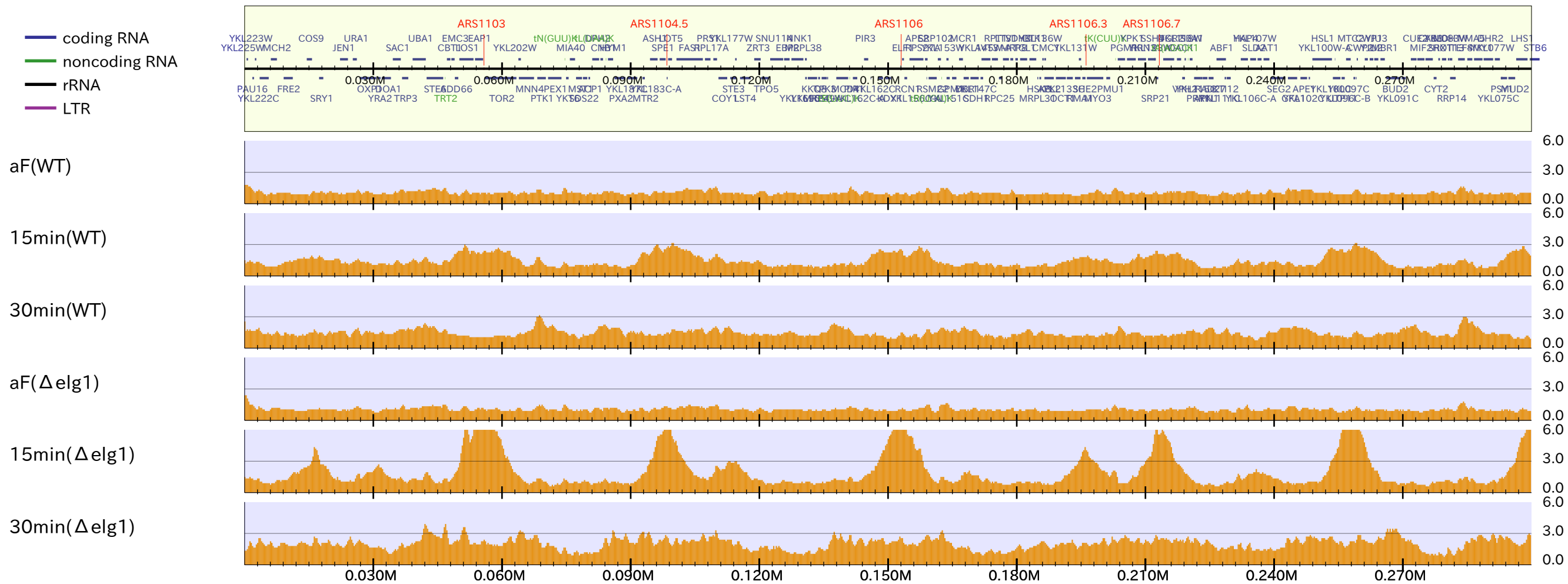
chrIX



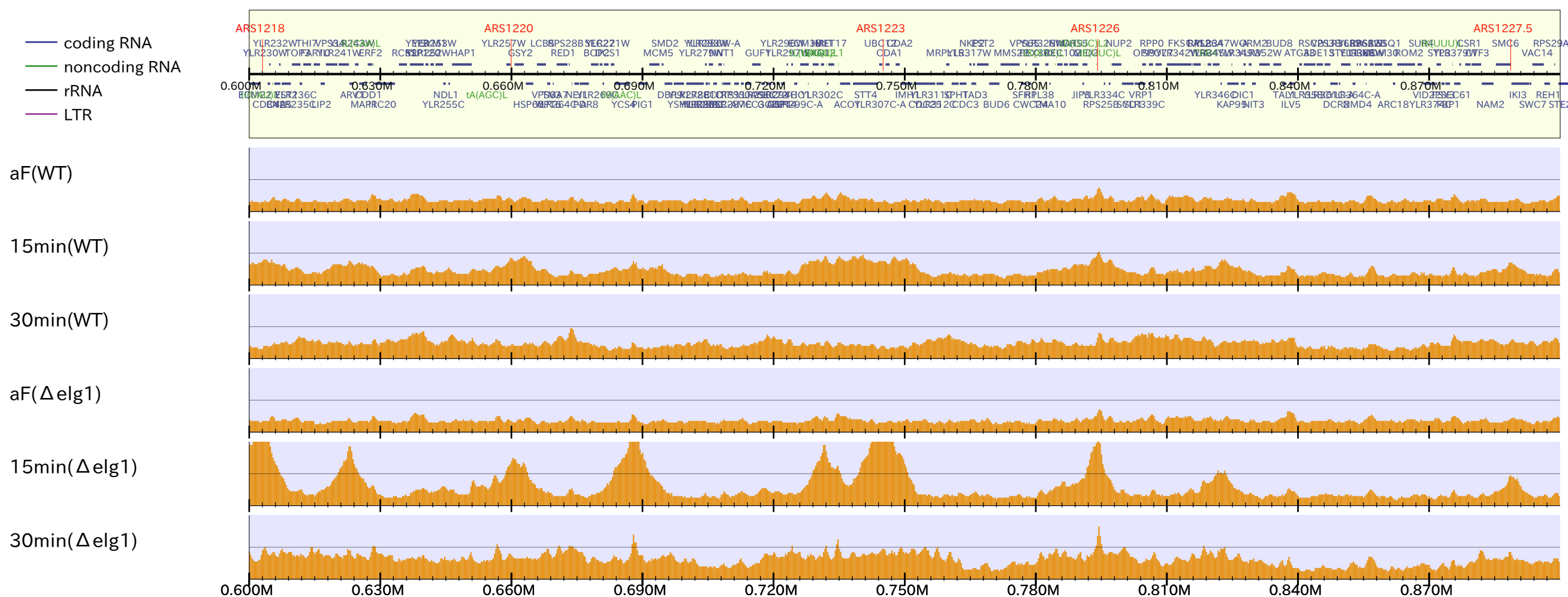
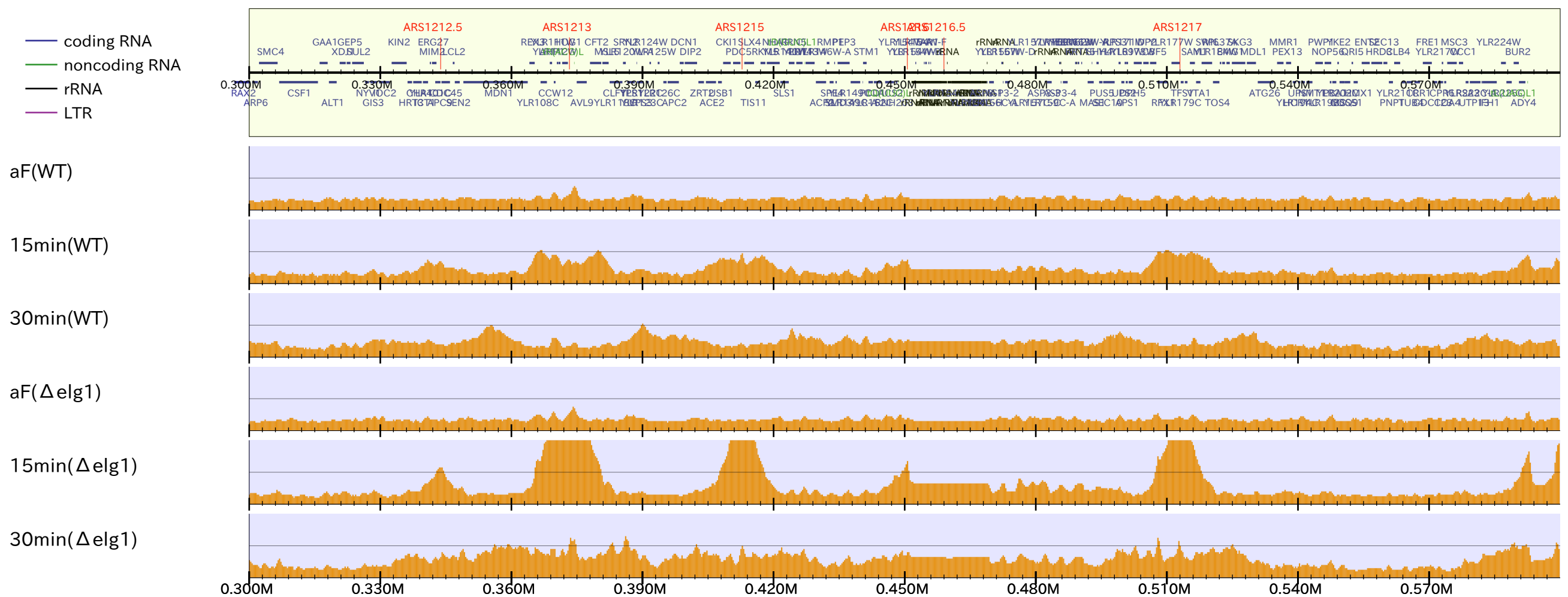
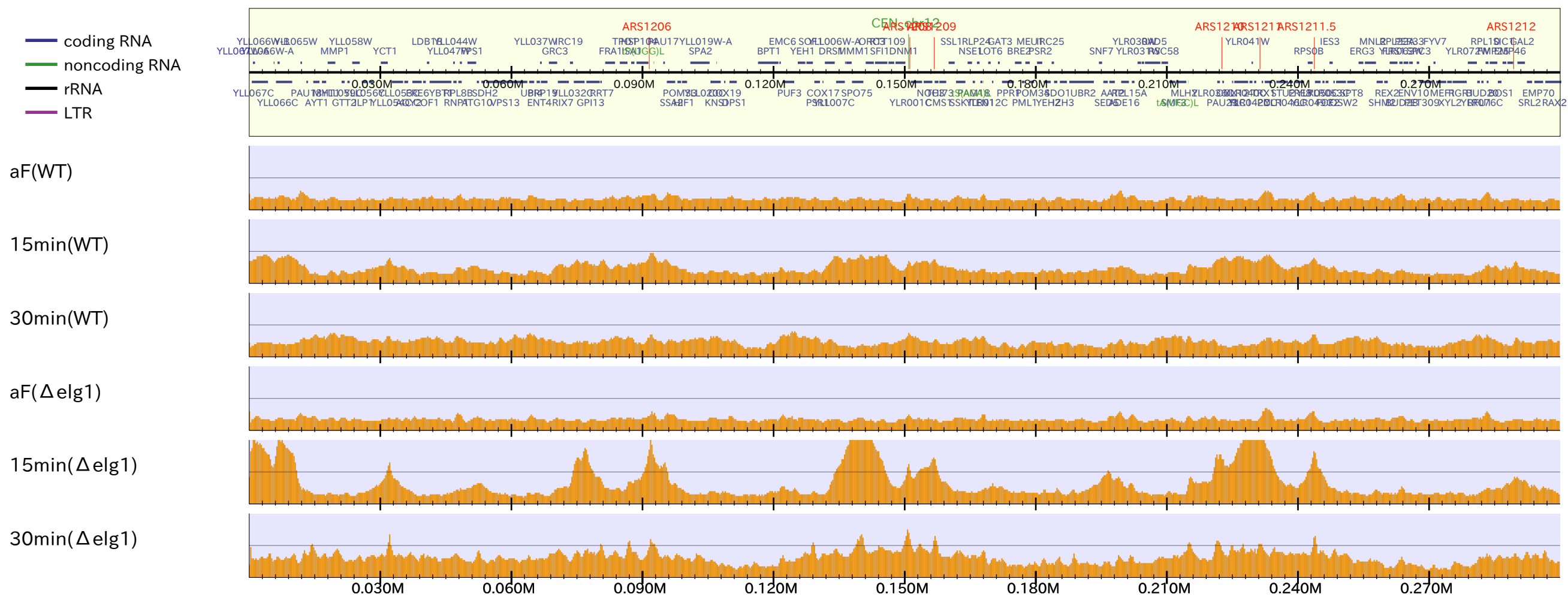
chrX



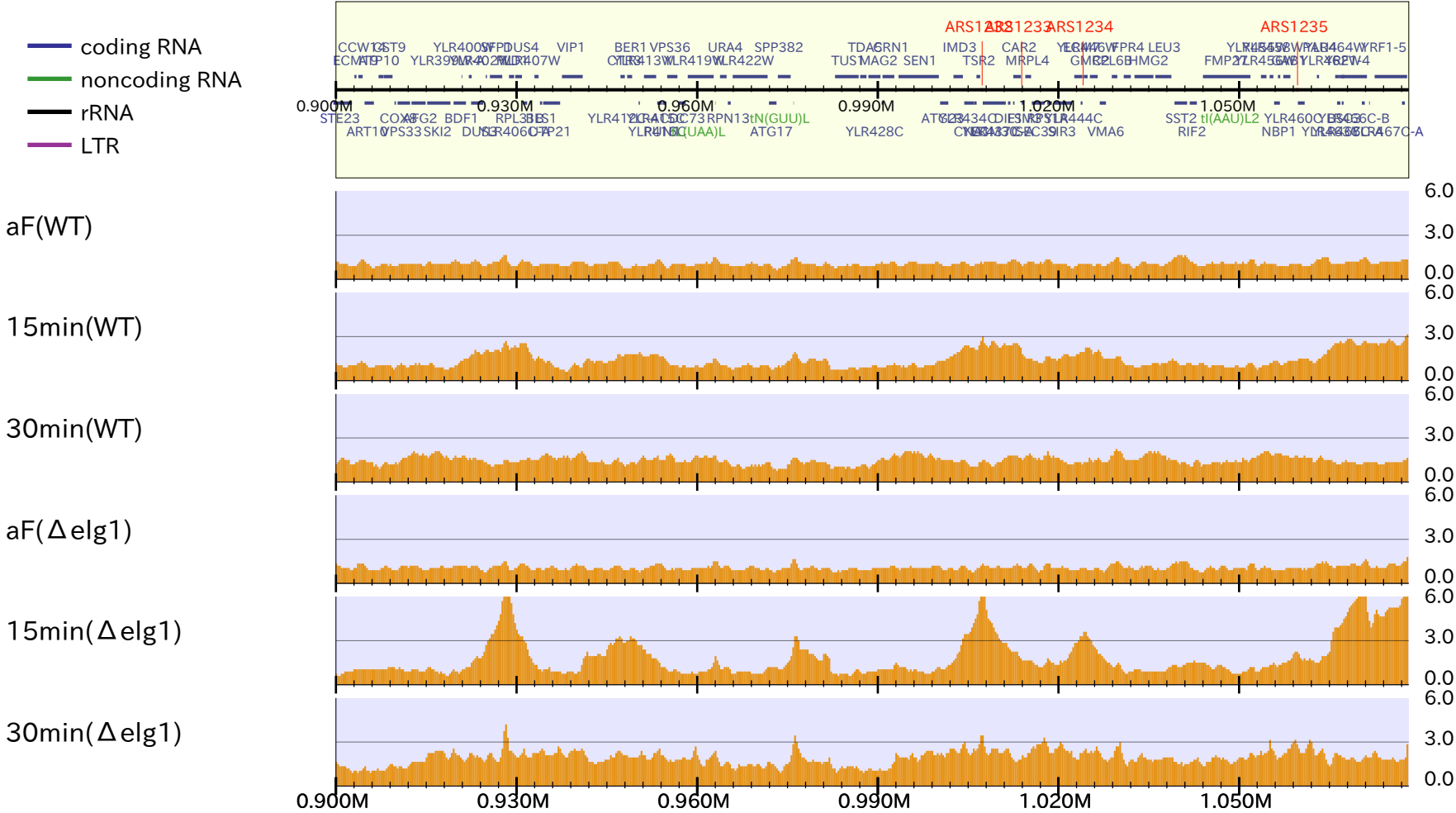
chrXI



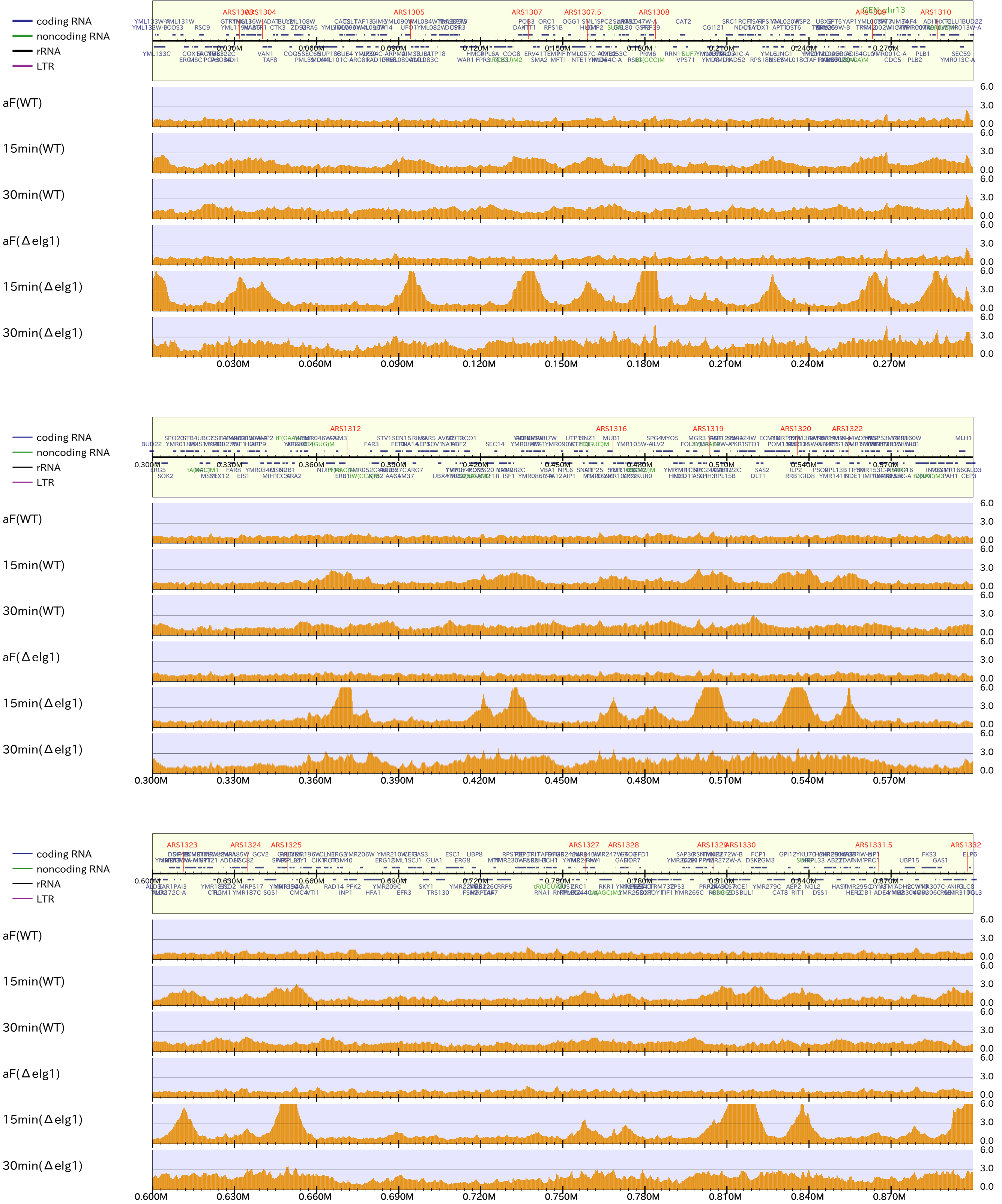
chrXII_1



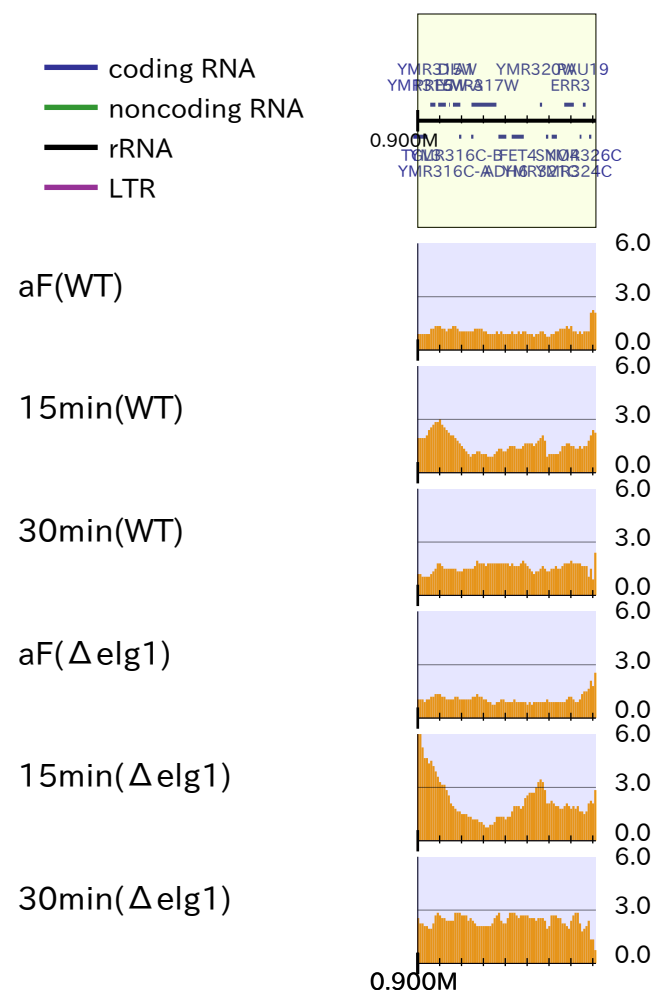
chrXII_2



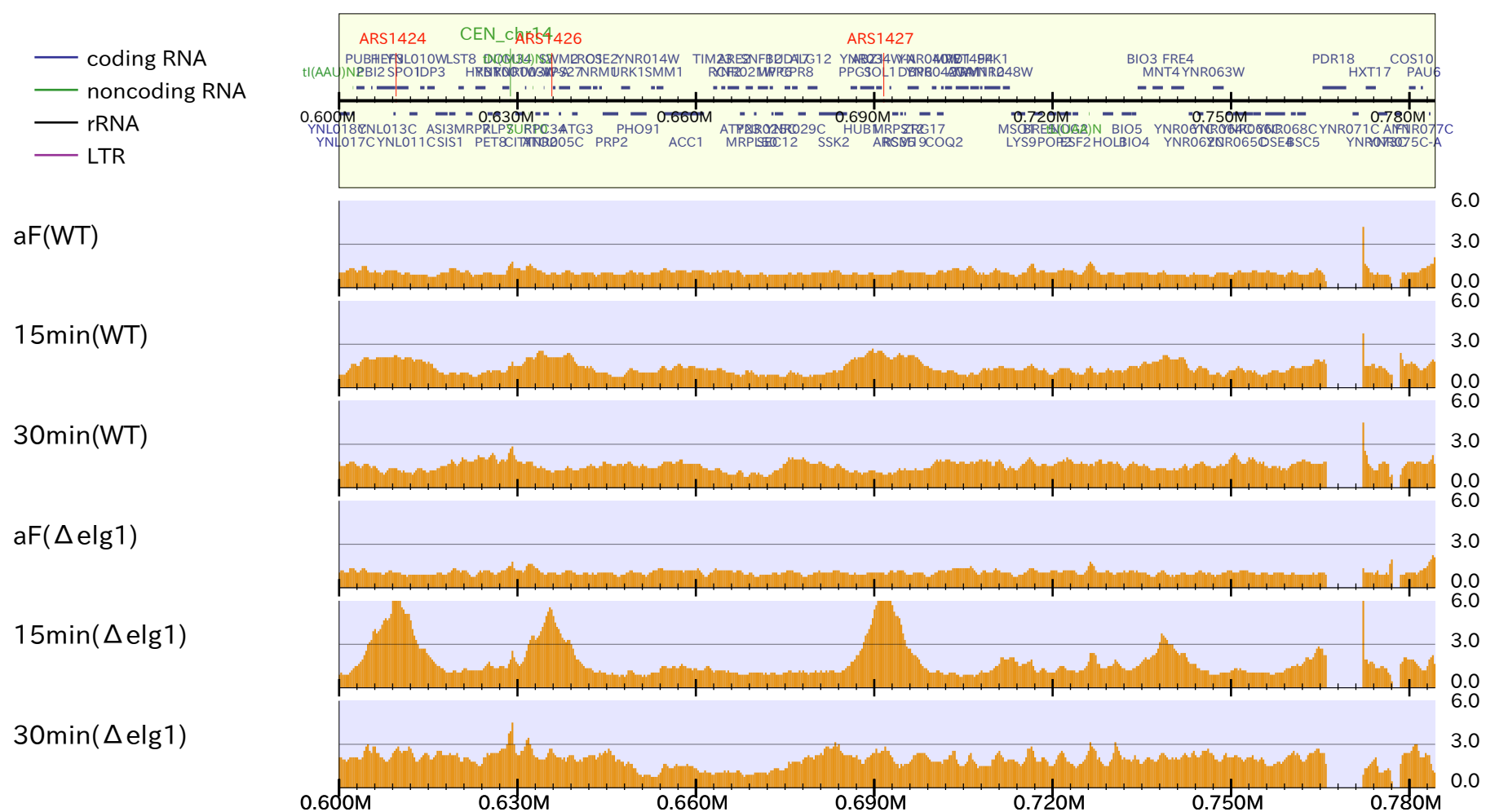
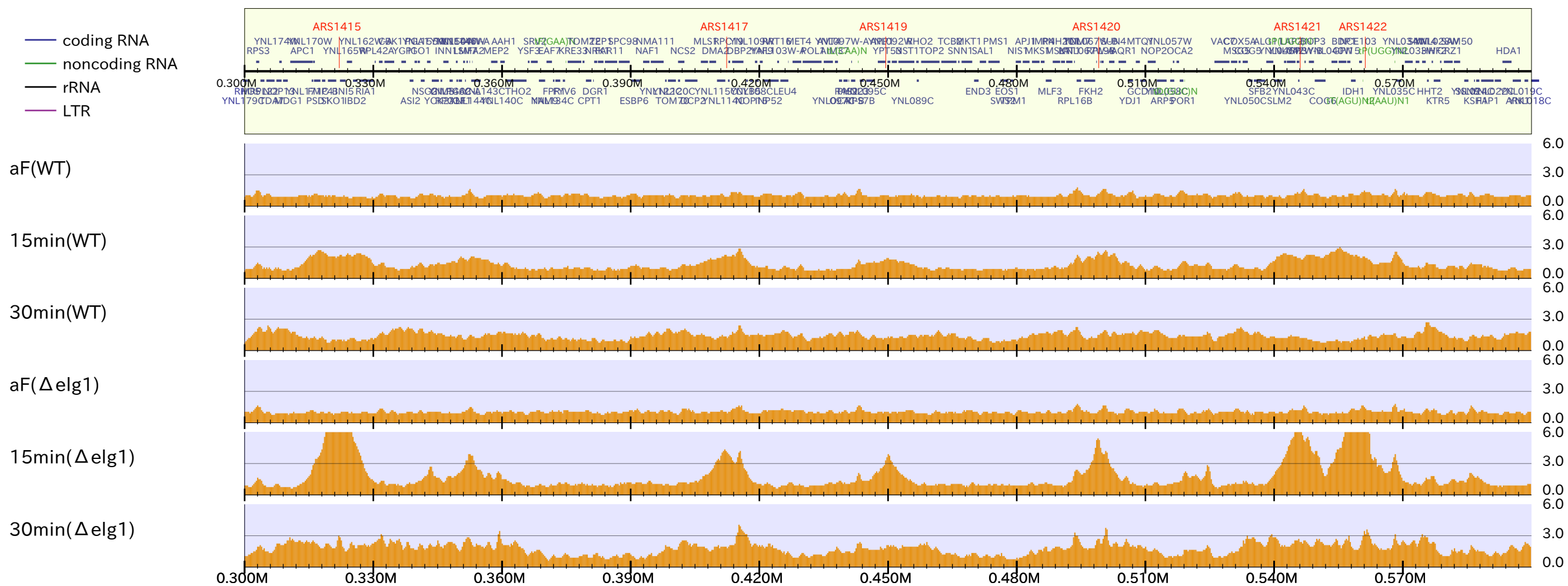
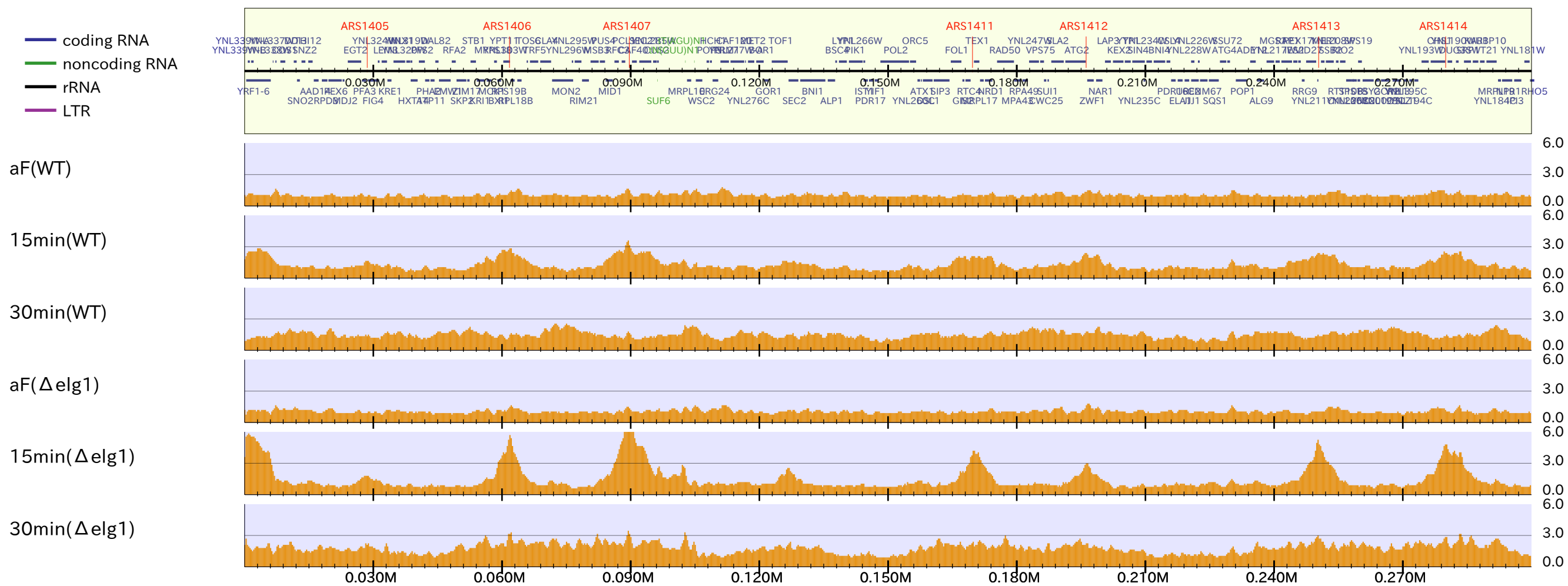
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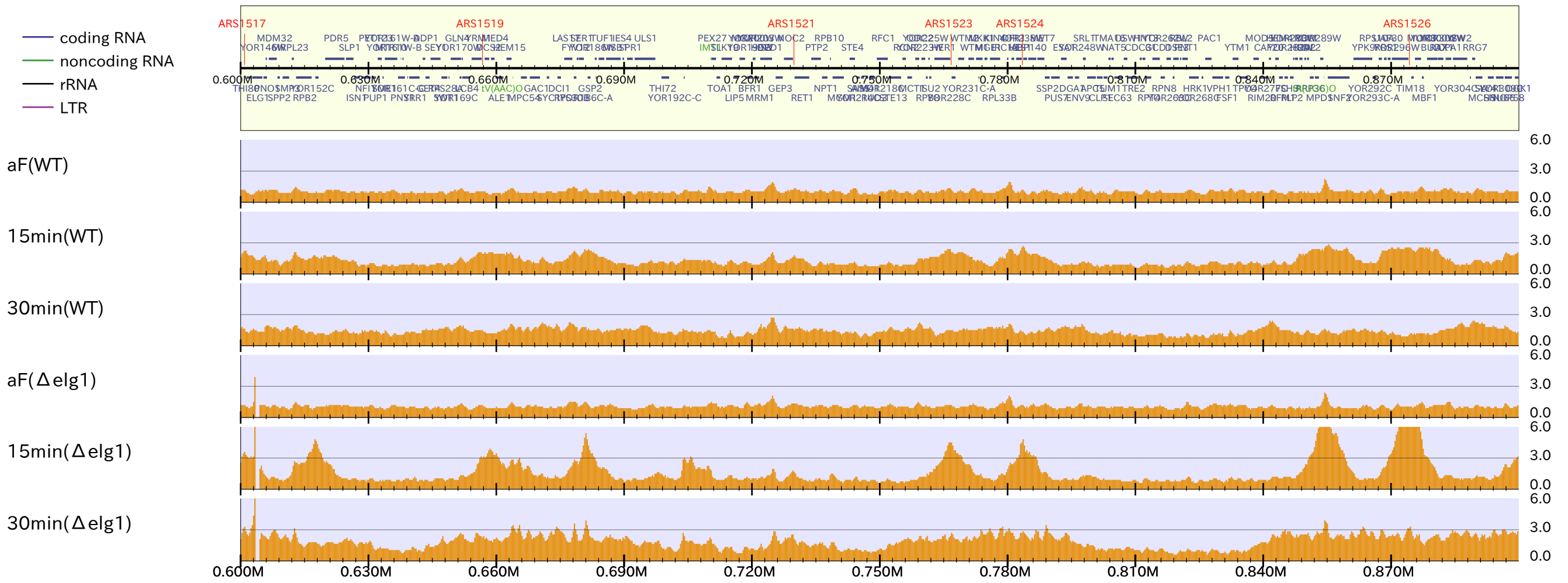
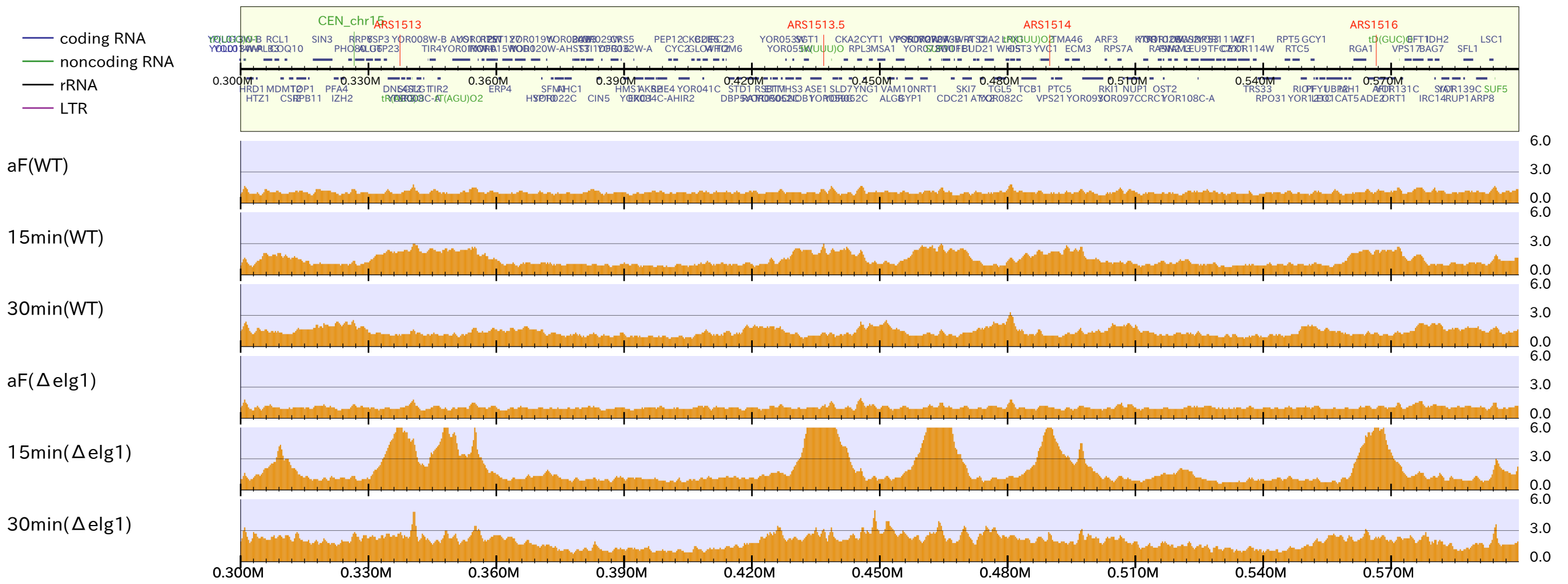
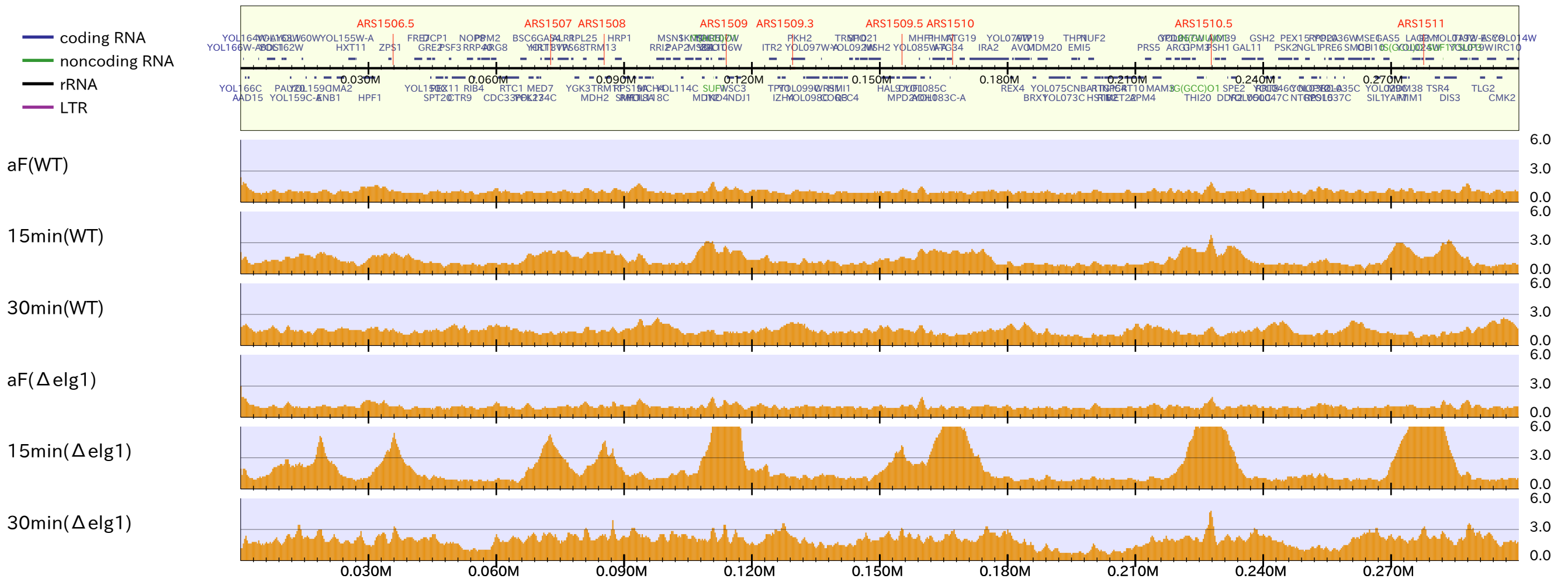
chrXIII_2



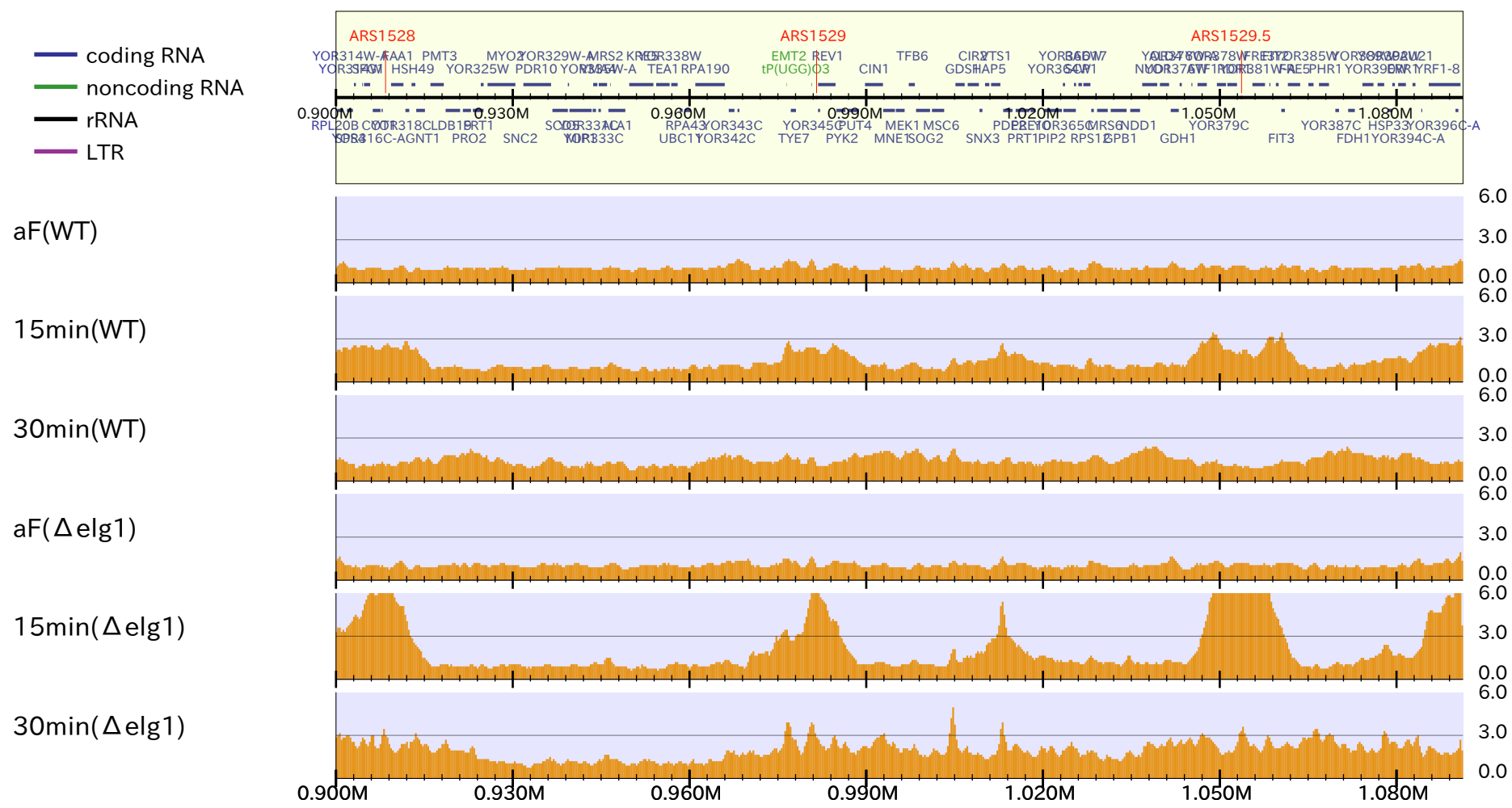
chrXIV



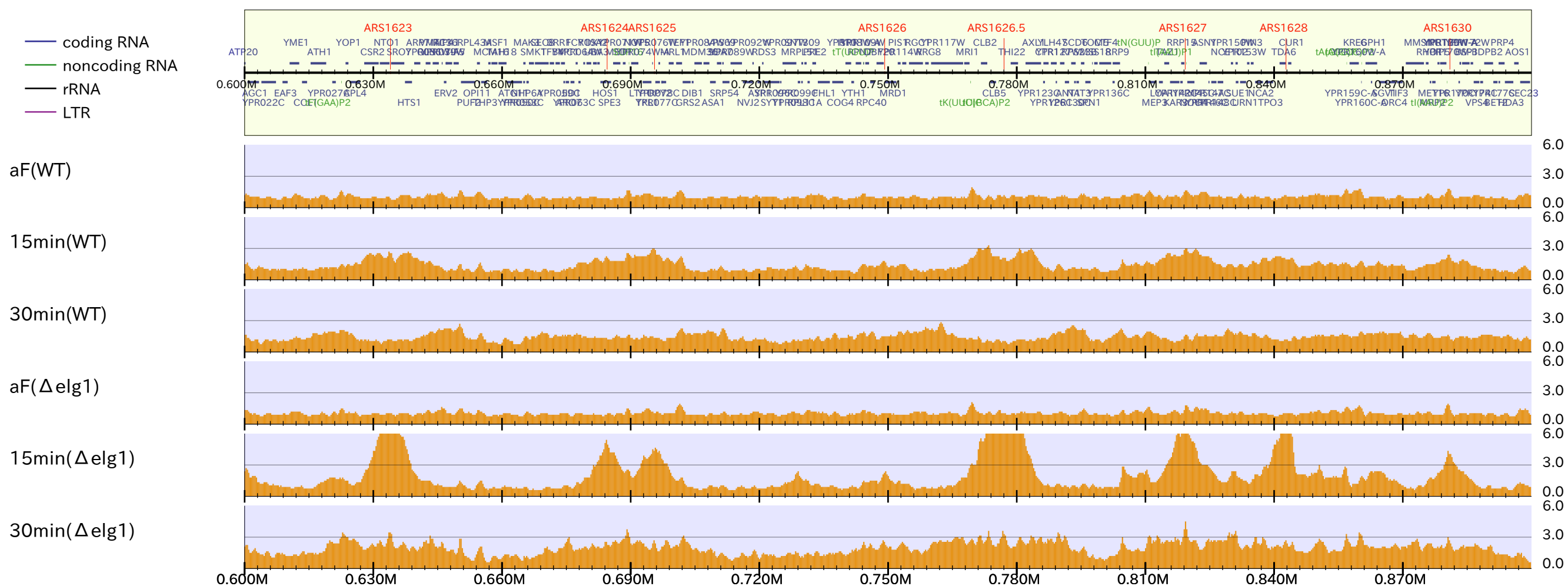
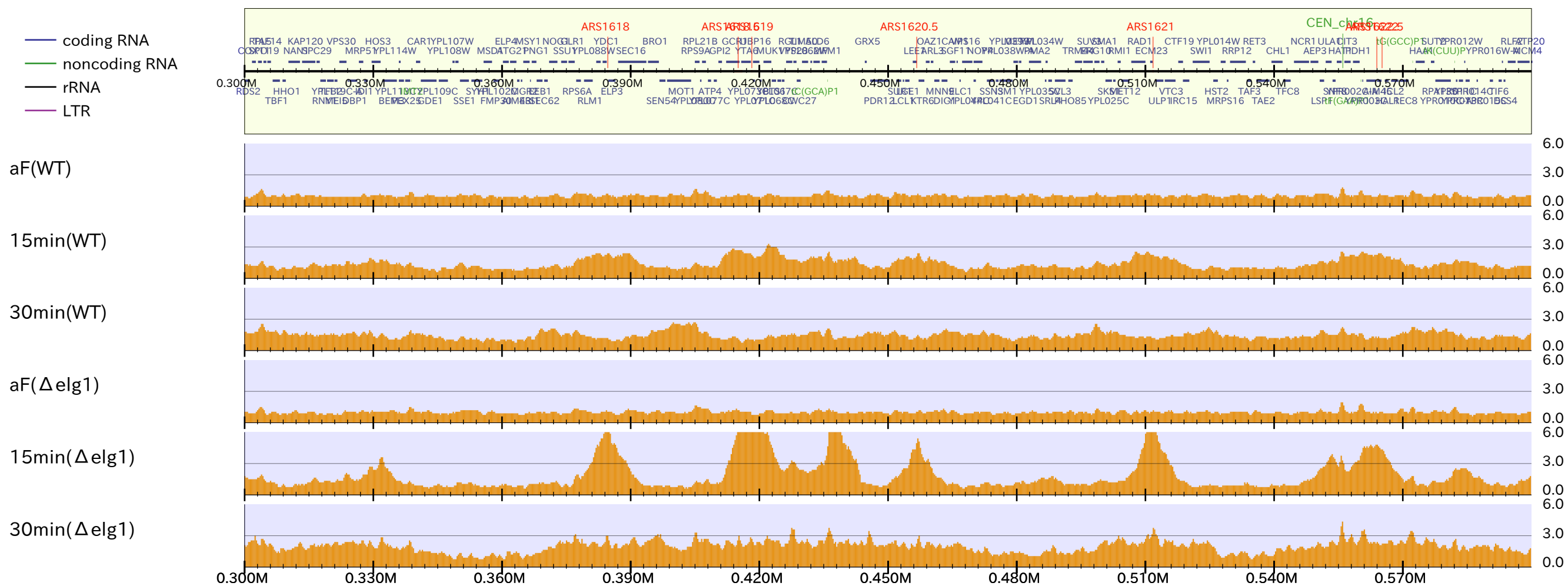
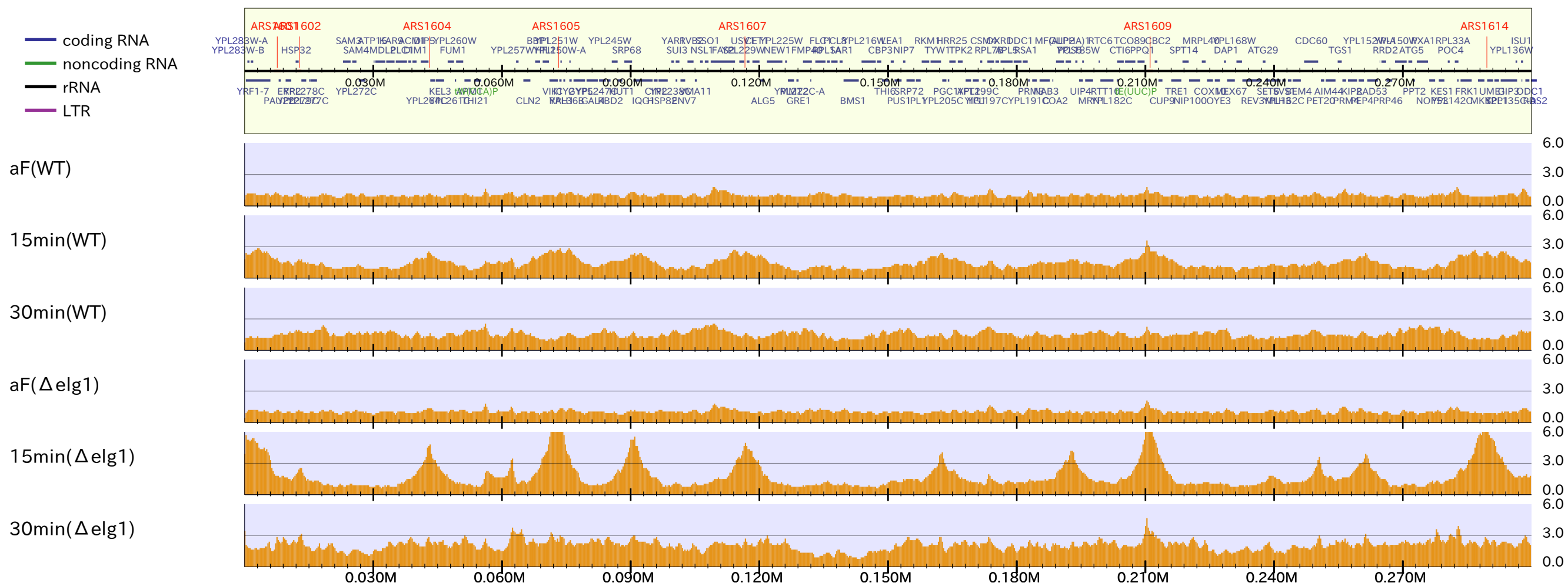
chrXV_1



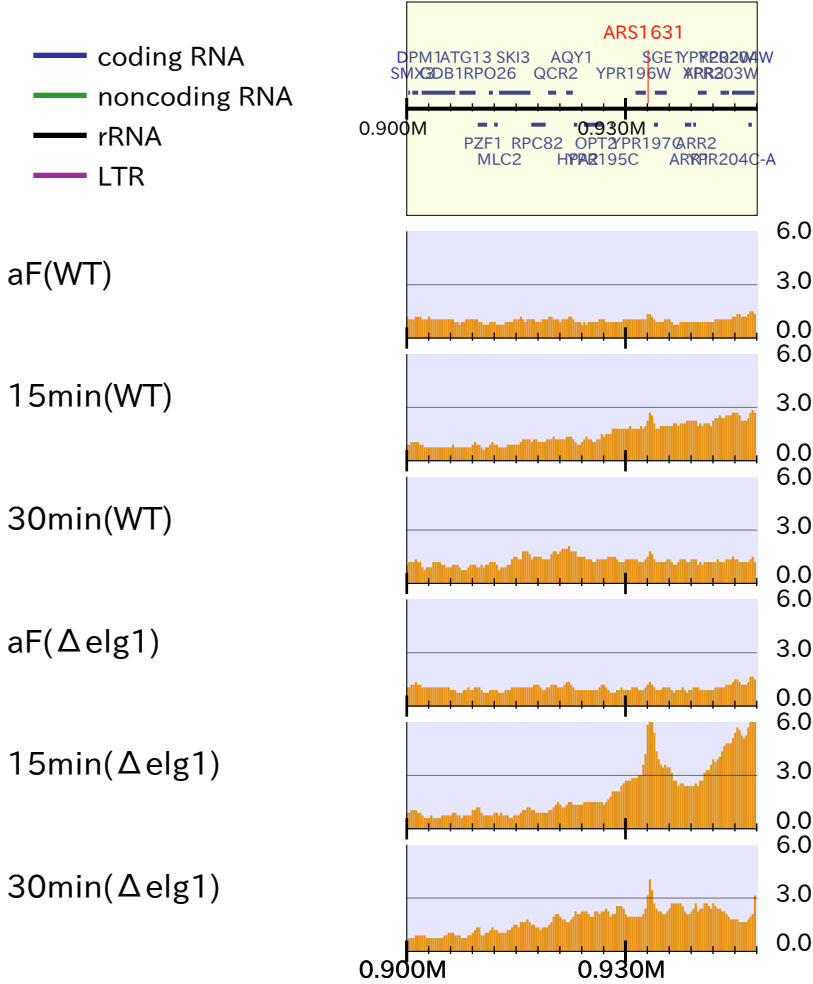
chrXV_2



chrXVI_1

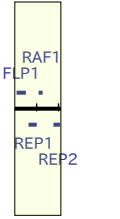


chrXVI_2

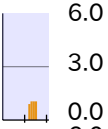


chr2micron

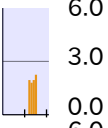
- coding RNA
- noncoding RNA
- rRNA
- LTR



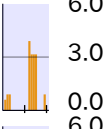
aF(WT)



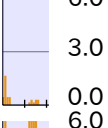
15min(WT)



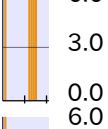
30min(WT)



aF(Δ elg1)



15min(Δ elg1)



30min(Δ elg1)

