Weekly Report

# 07/06/2022

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TEAM CHEN

# Goal:

* Extended analysis of mutations co-localizing with R-loops with regard to active and inactive genes

# Results:

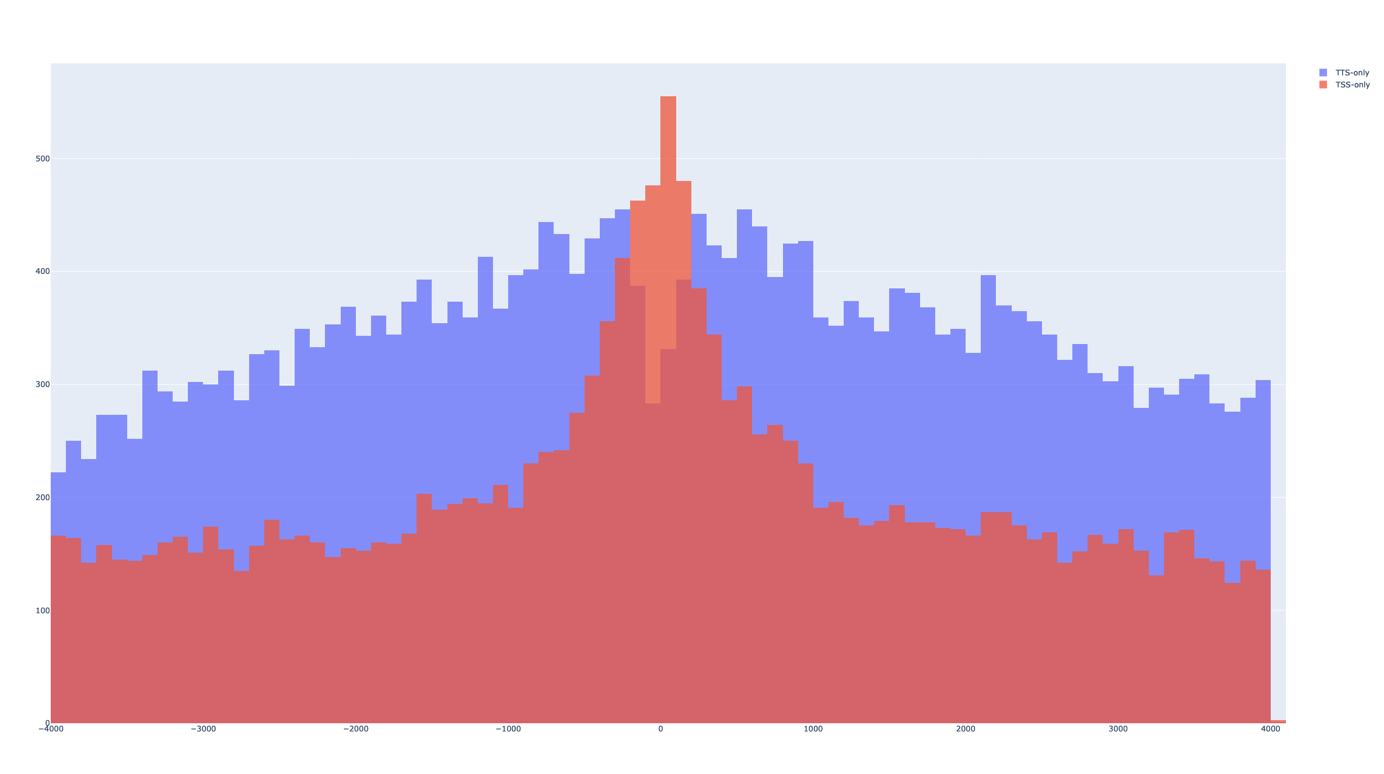


Figure 1 Initial observation without descrimination between active and inactive

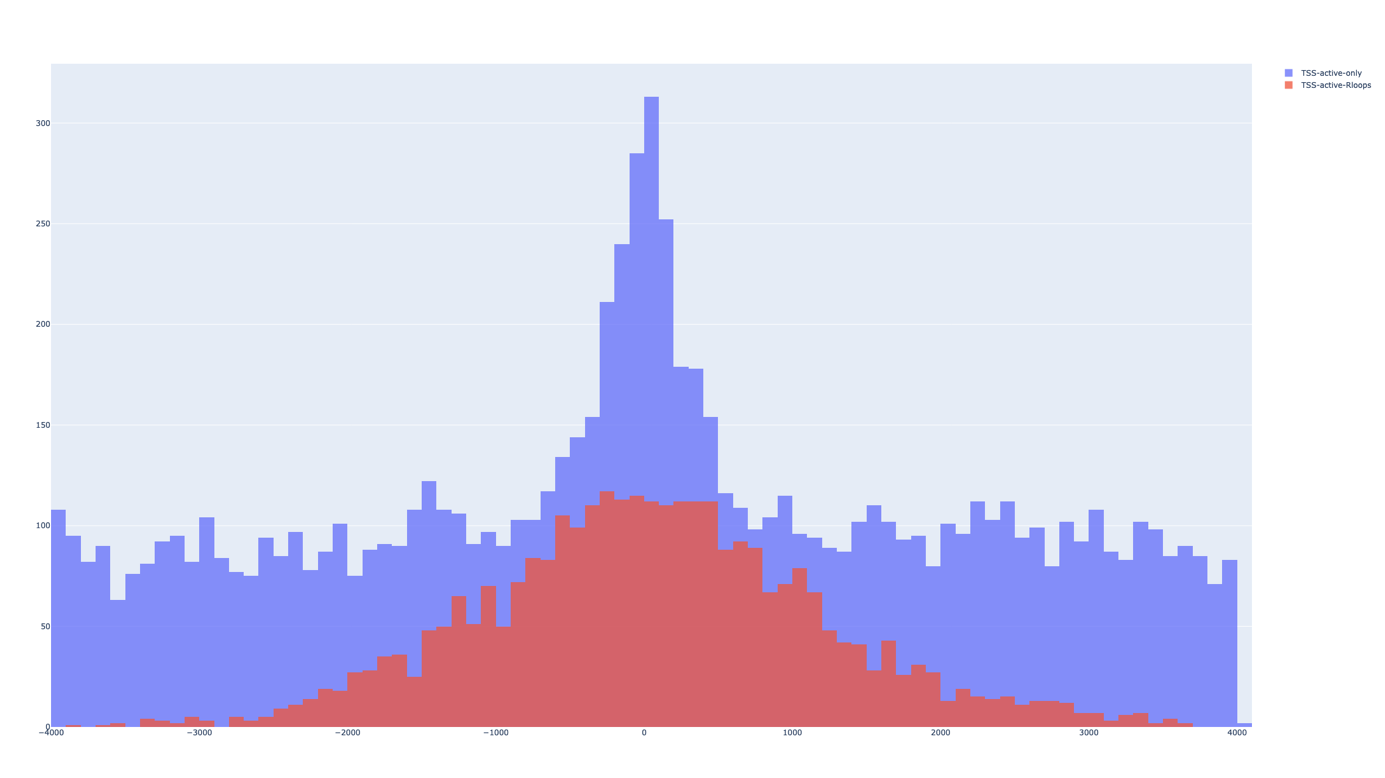


Figure 2 Mutations around TSS of active genes (purple) Mutations with R-loops around TSS of active genes (red)

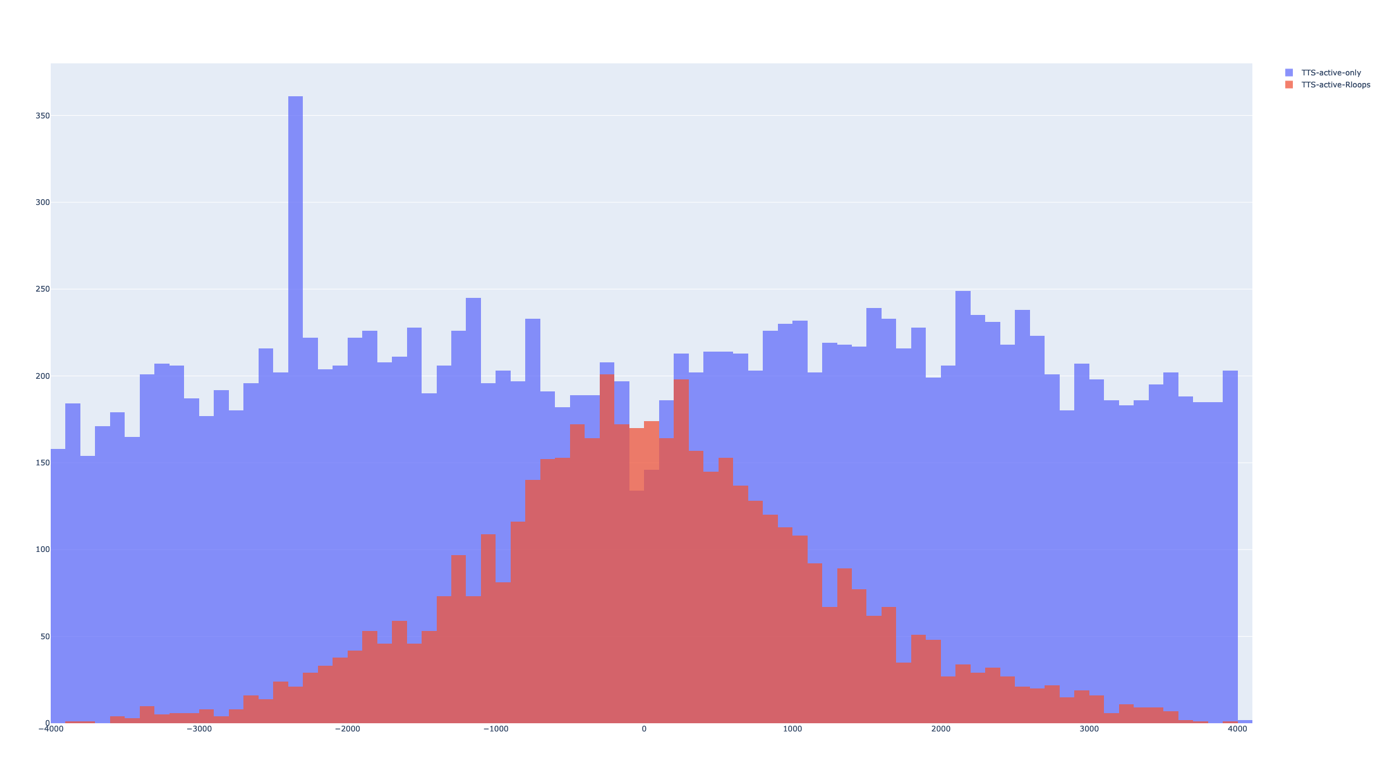


Figure 3 Mutations around TTS of active genes (purple) and Rloops around TTS of active genes (red)

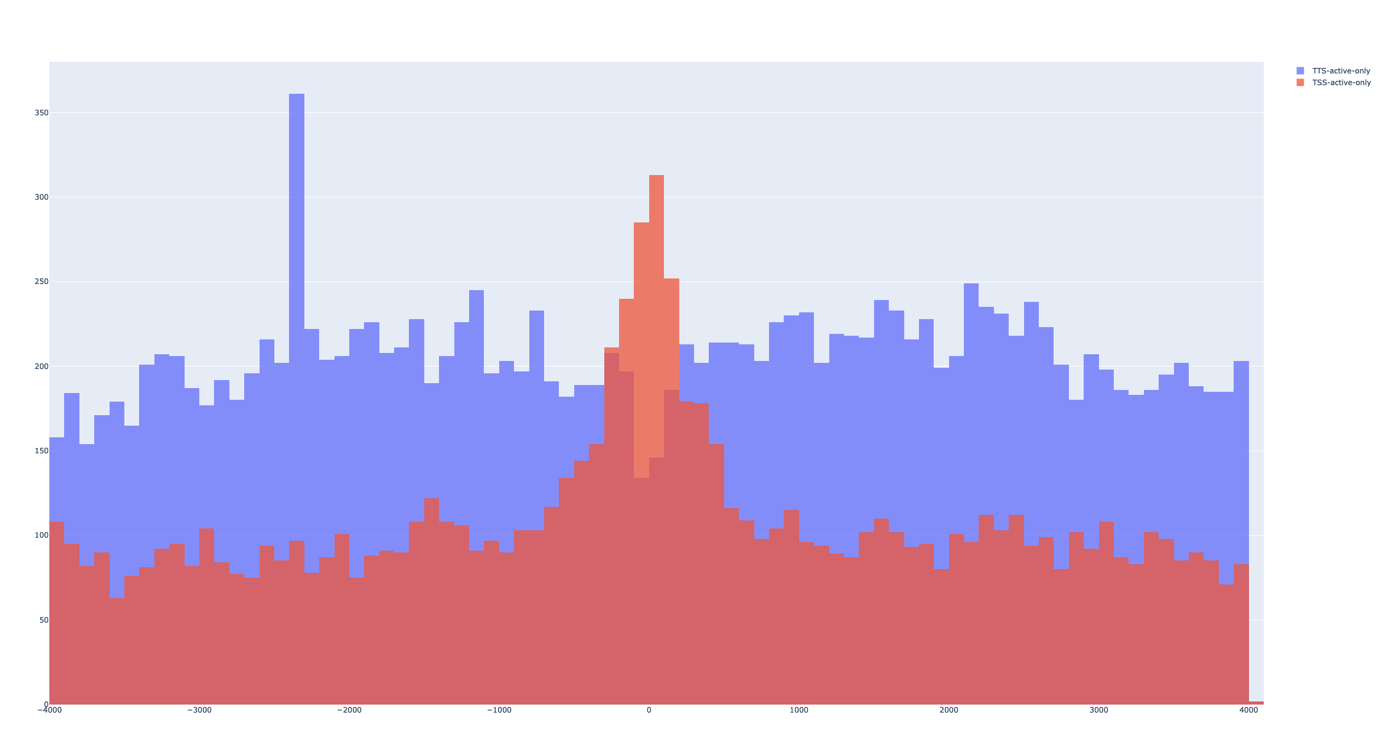


Figure 4 Mutations around TSS (red) and TTS (purple) of active genes

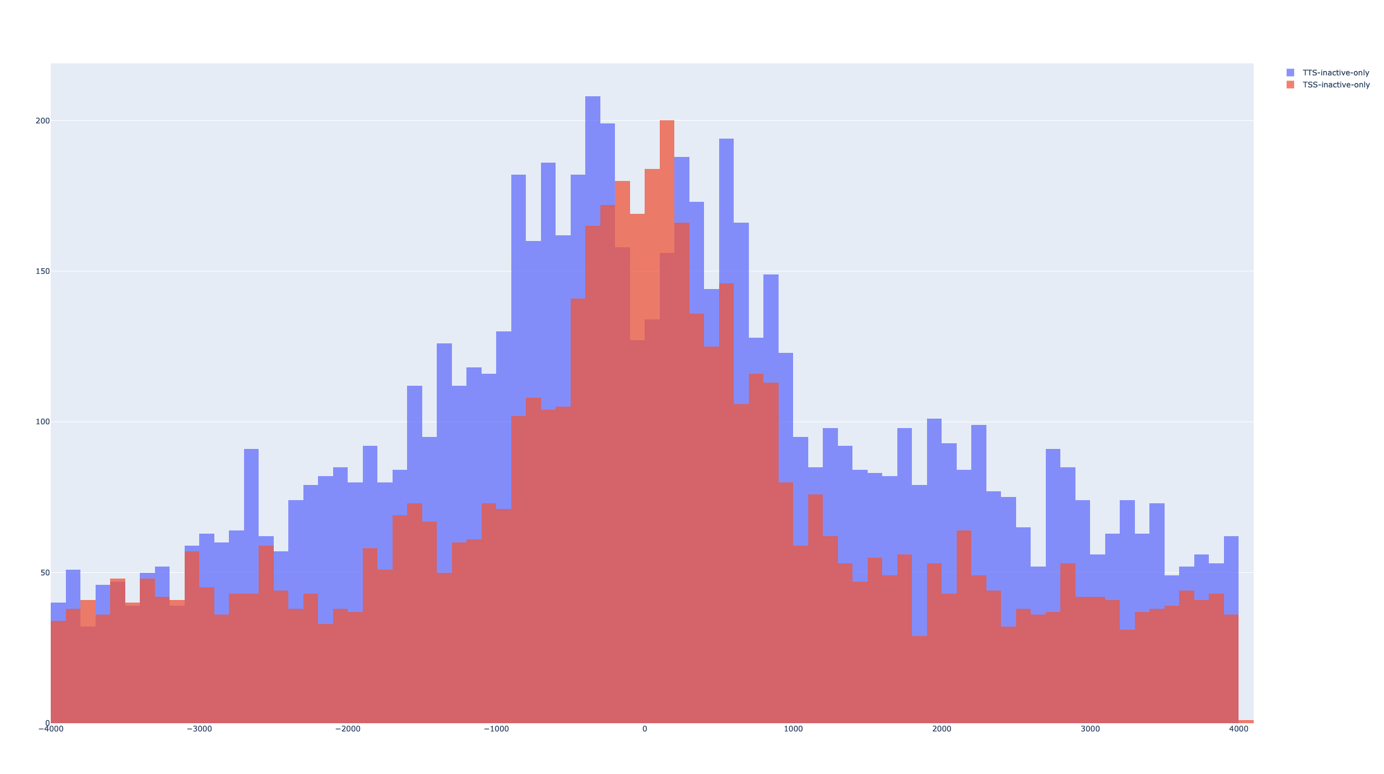


Figure 5 Mutations around TSS (red) and TTS (purple) of inactive genes

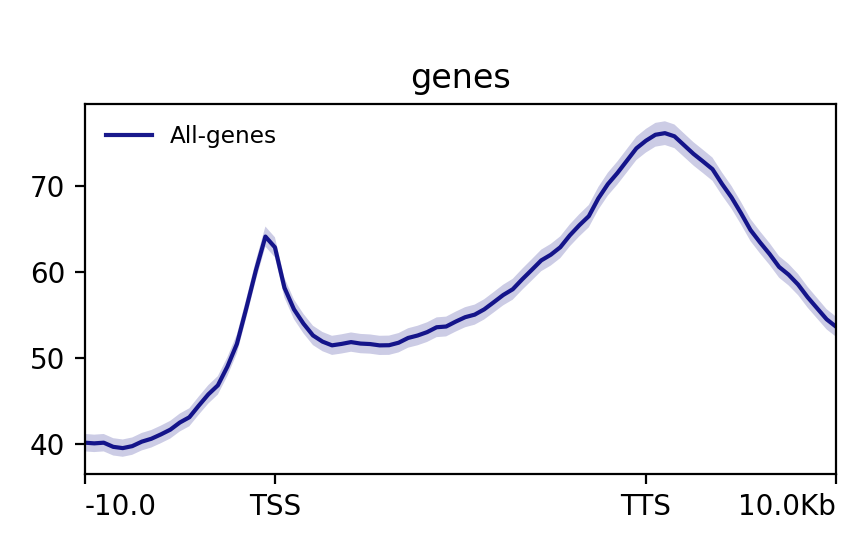


Figure All genes

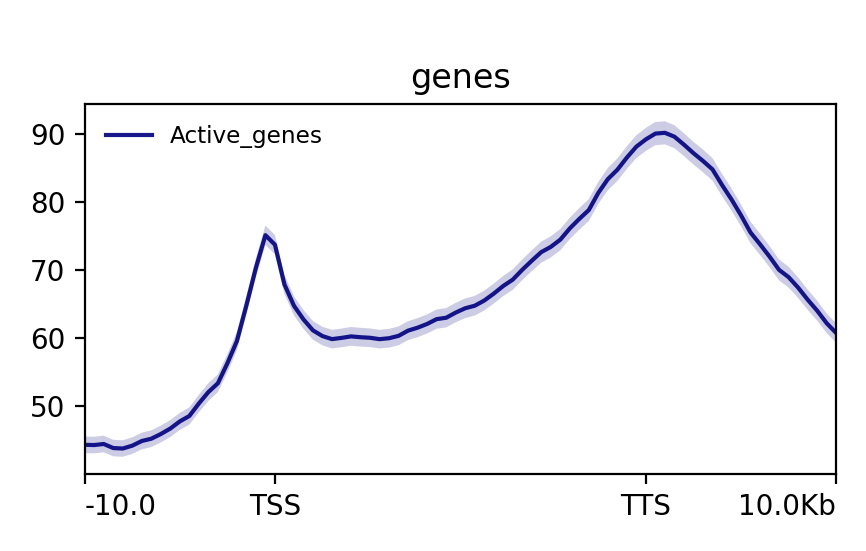


Figure Active genes 12261

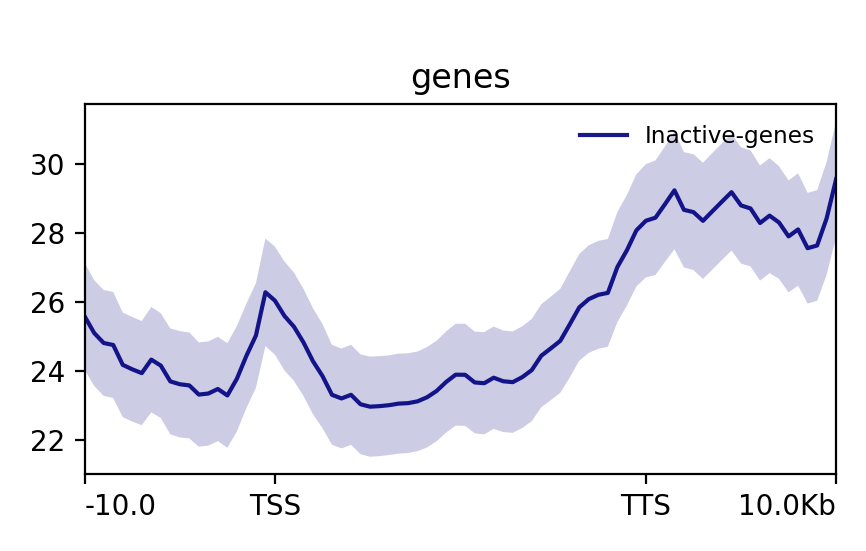


Figure Inactive genes