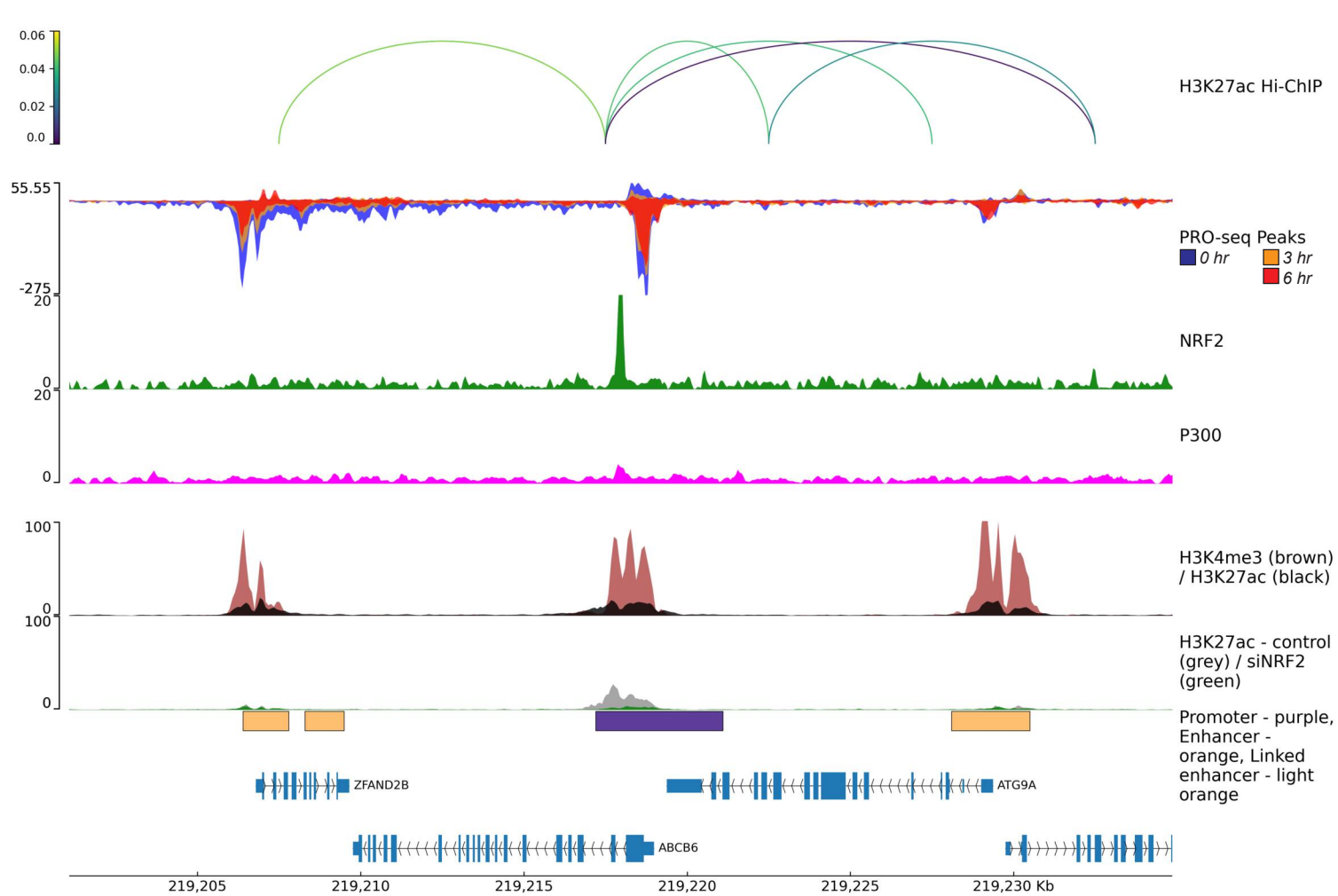


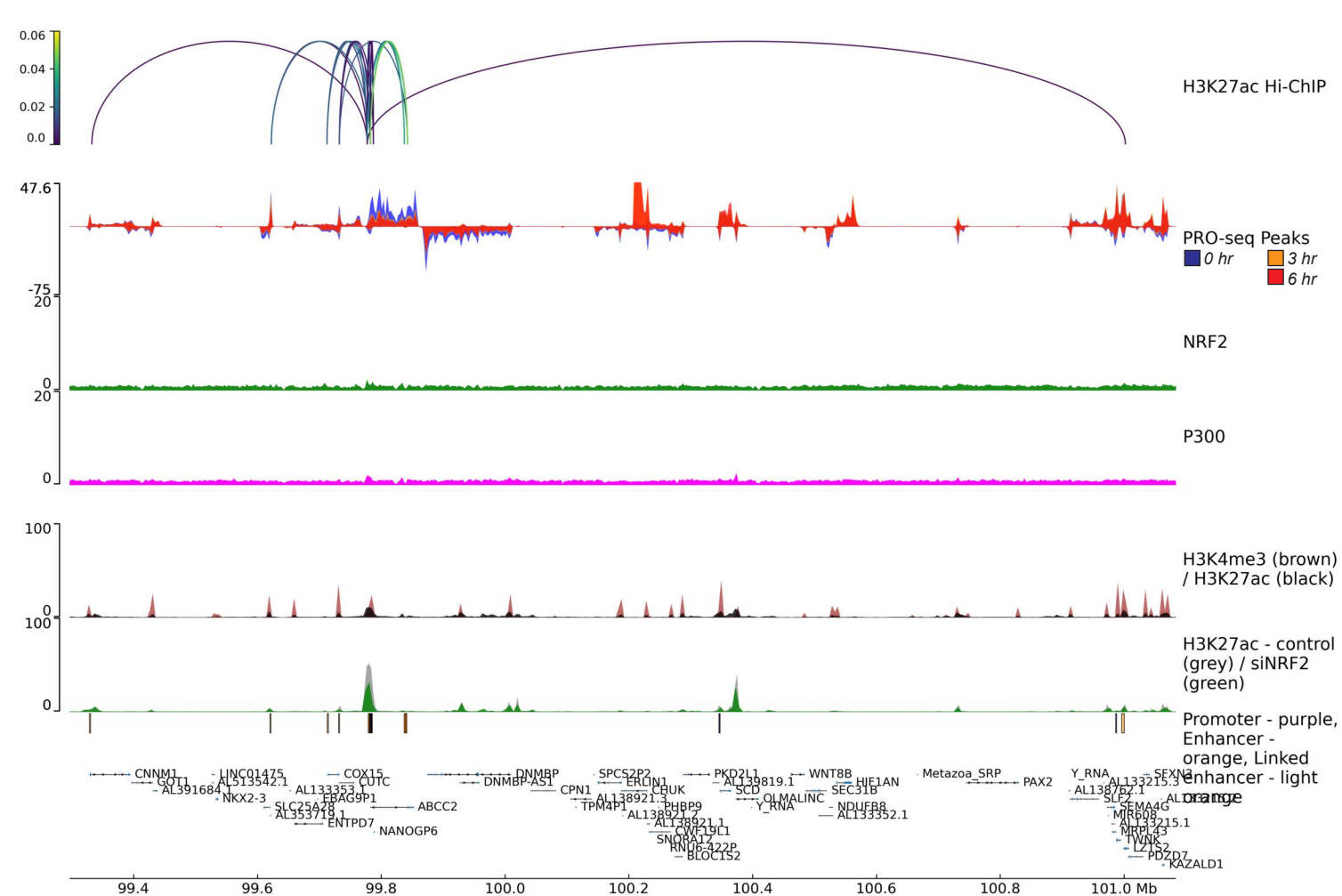
Appendix

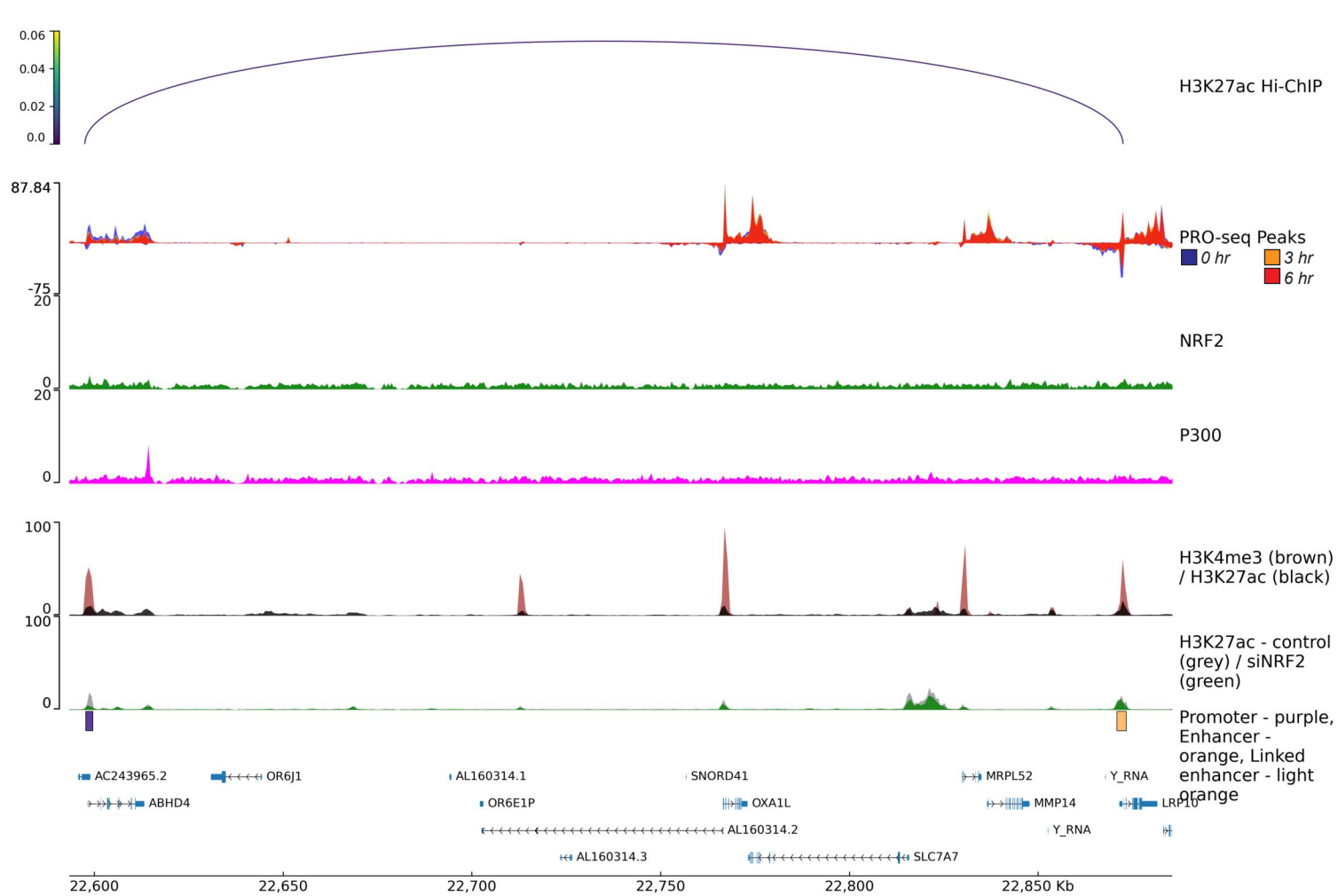
NRF2 supports non-small cell lung cancer growth independently of CBP/p300-
enhanced glutathione synthesis

Conrad et al 2025

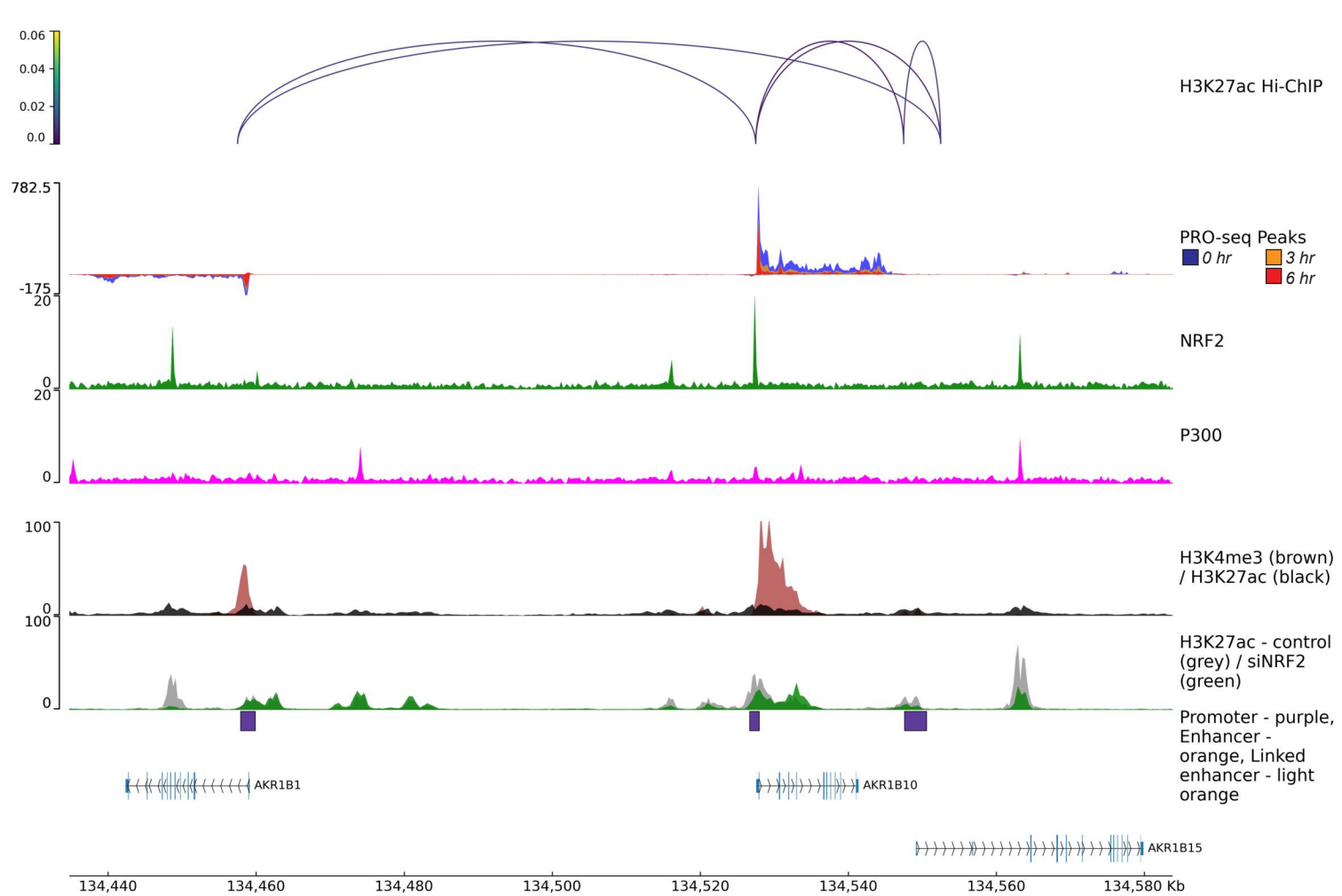
Genome browser snapshots of NRF2 signature genes including simulated H3K27ac Hi-
ChIP and NRF2 knockdown PRO-seq



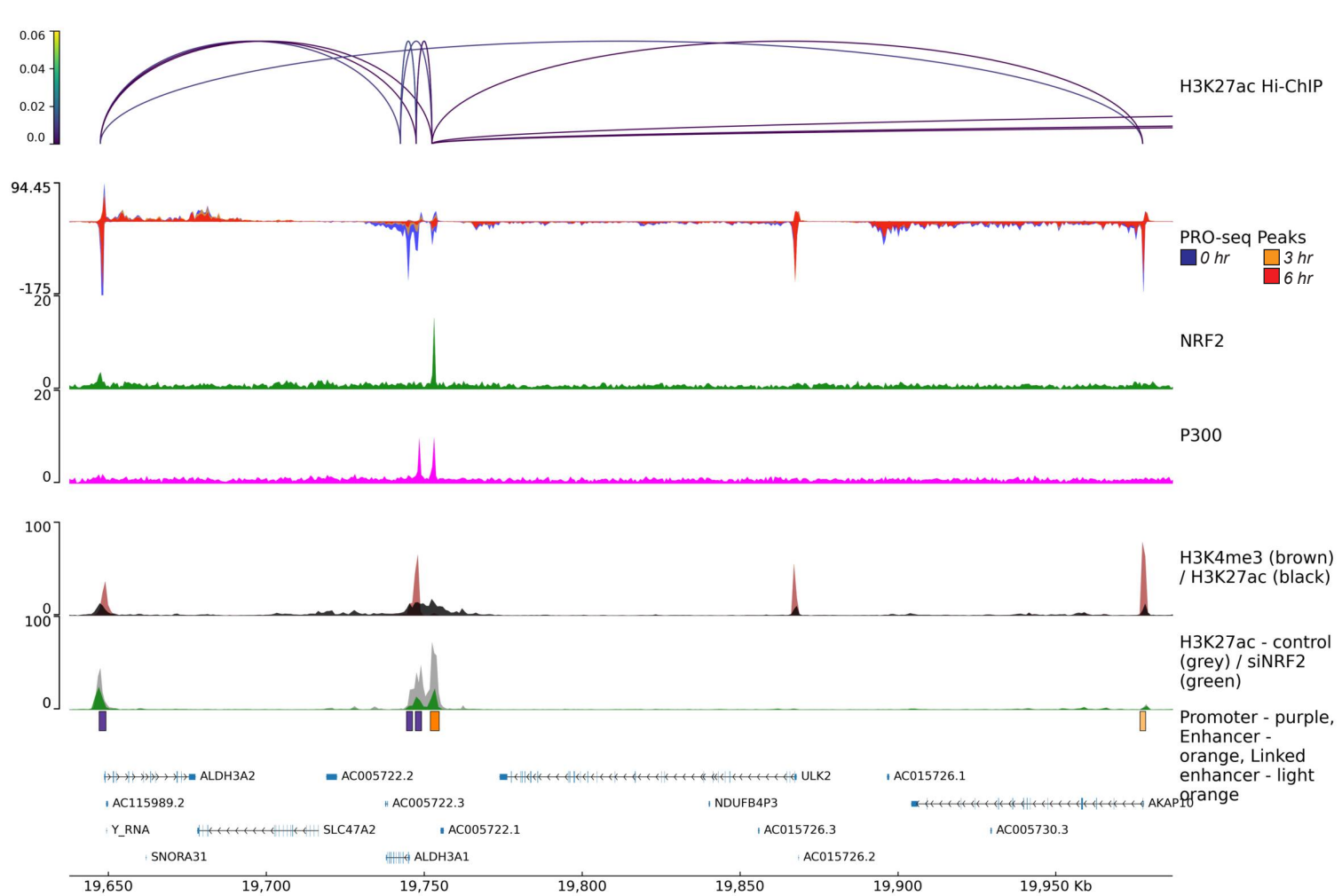




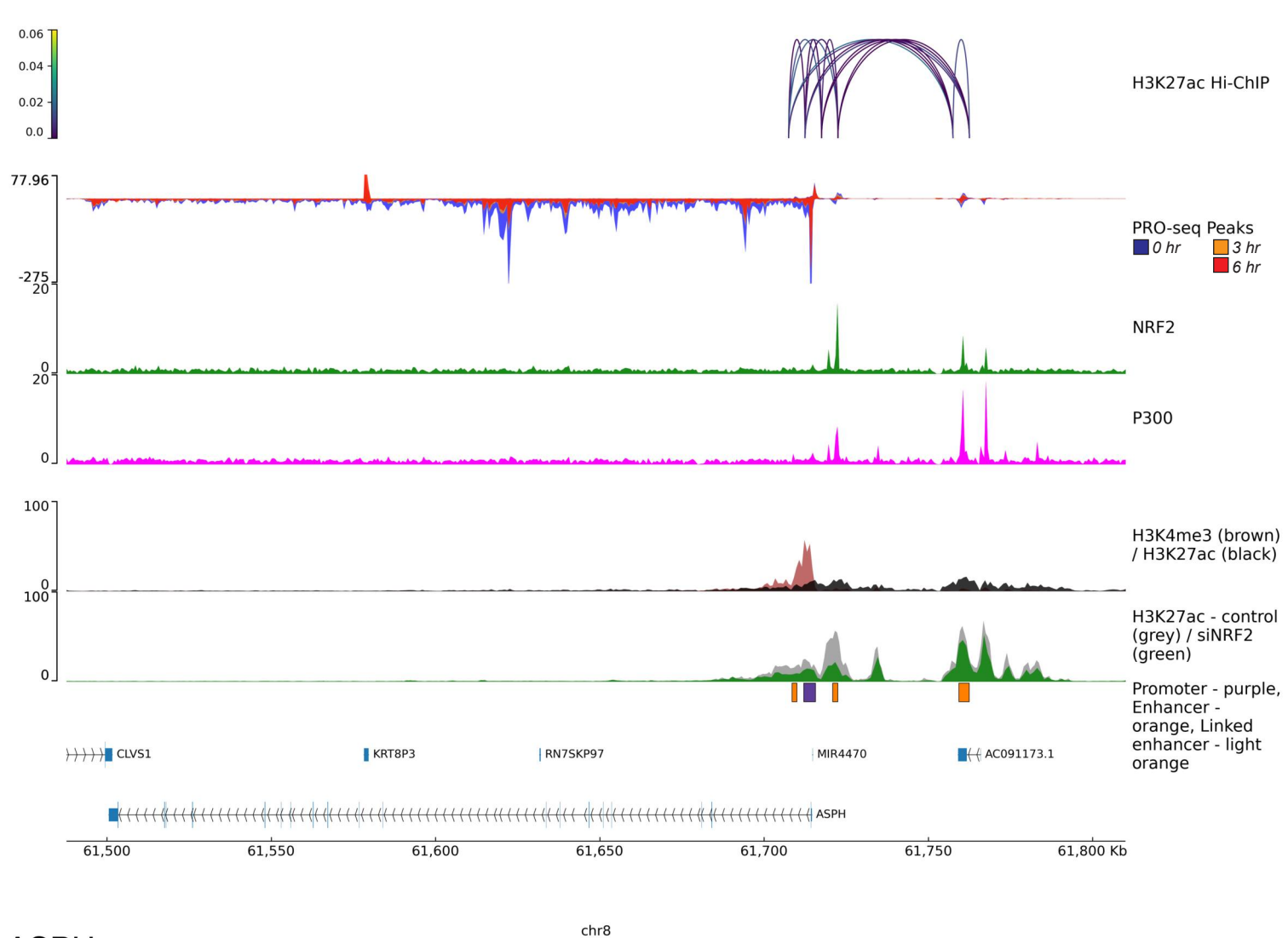
ABHD4



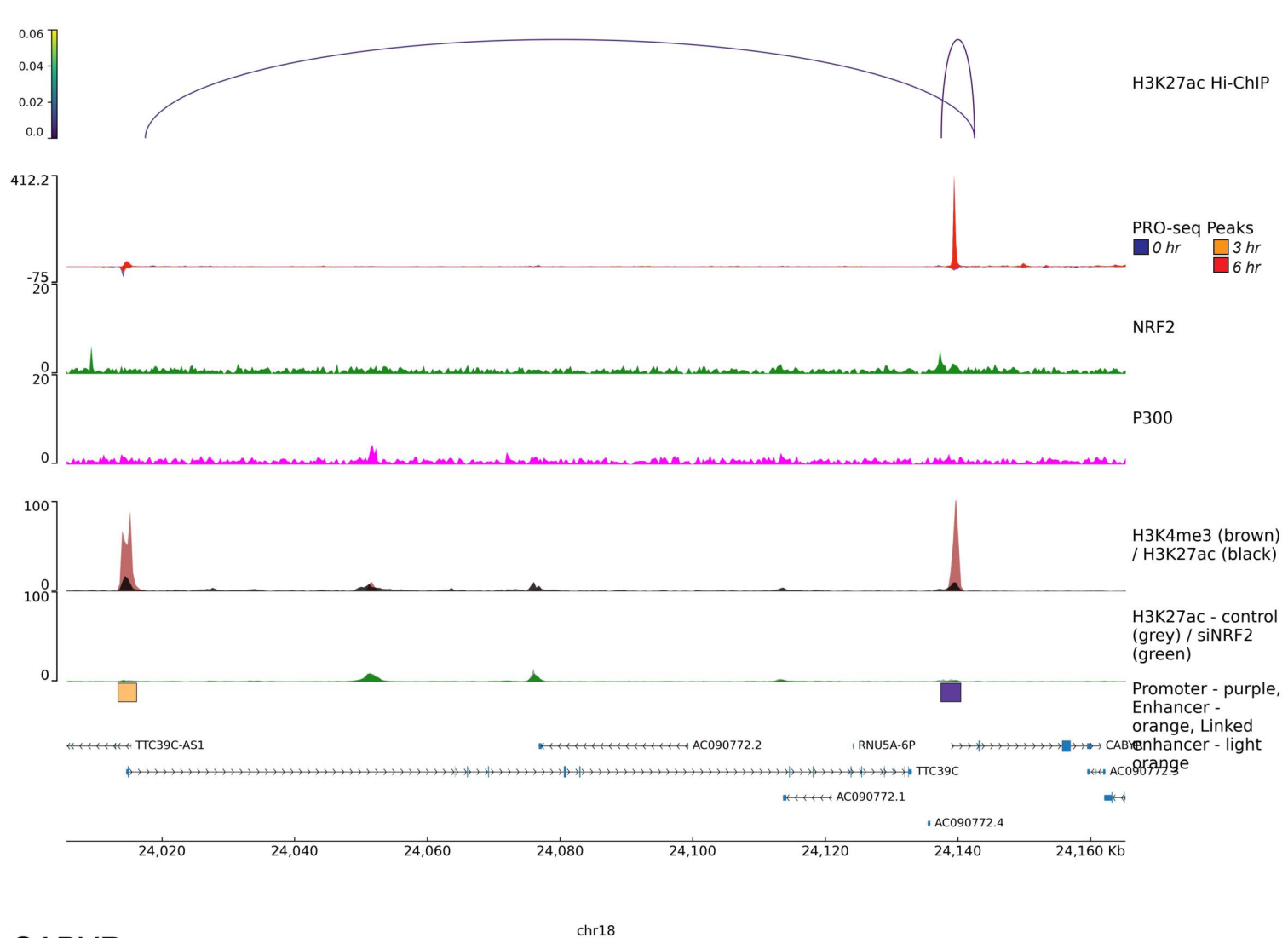
AKR1B10

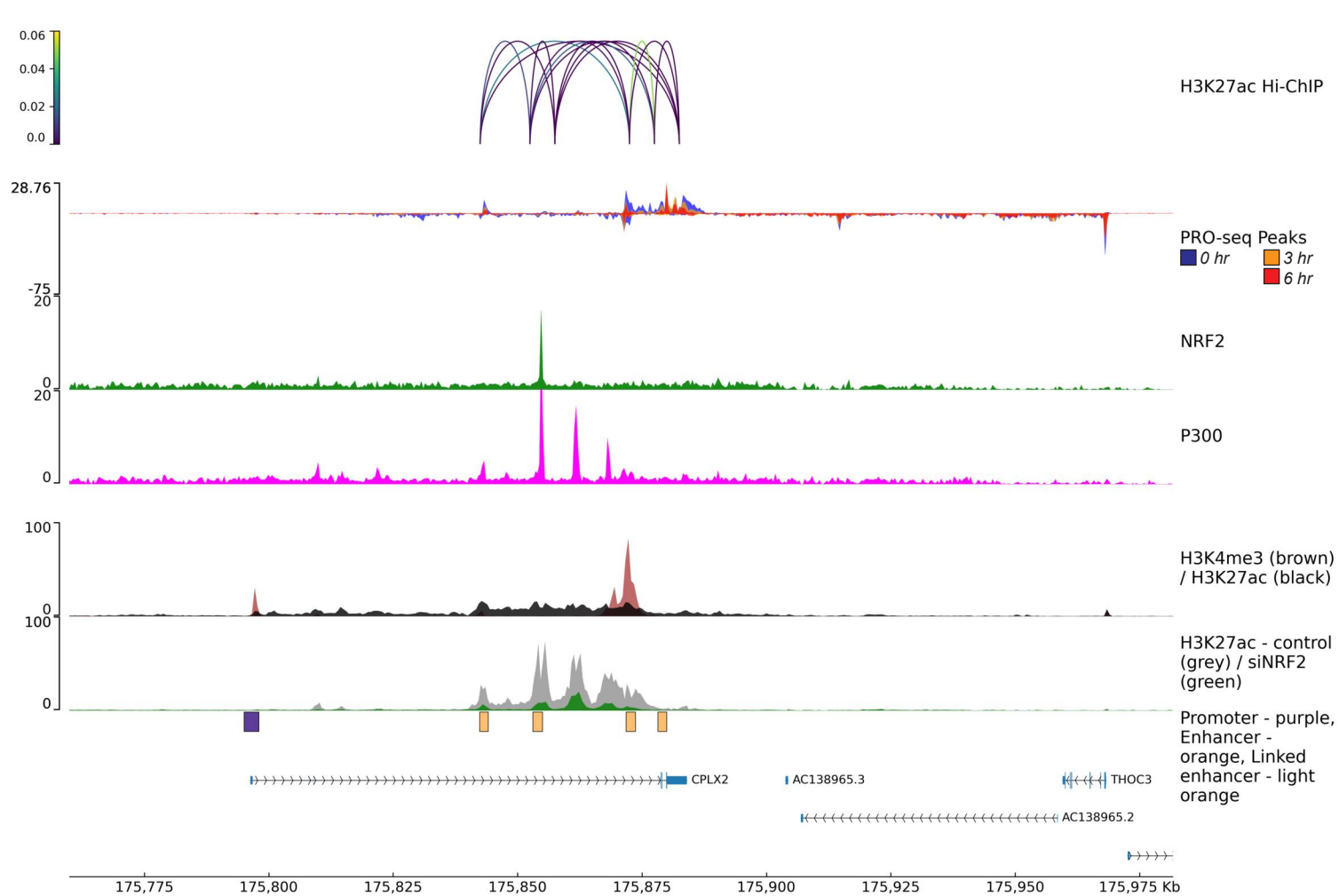


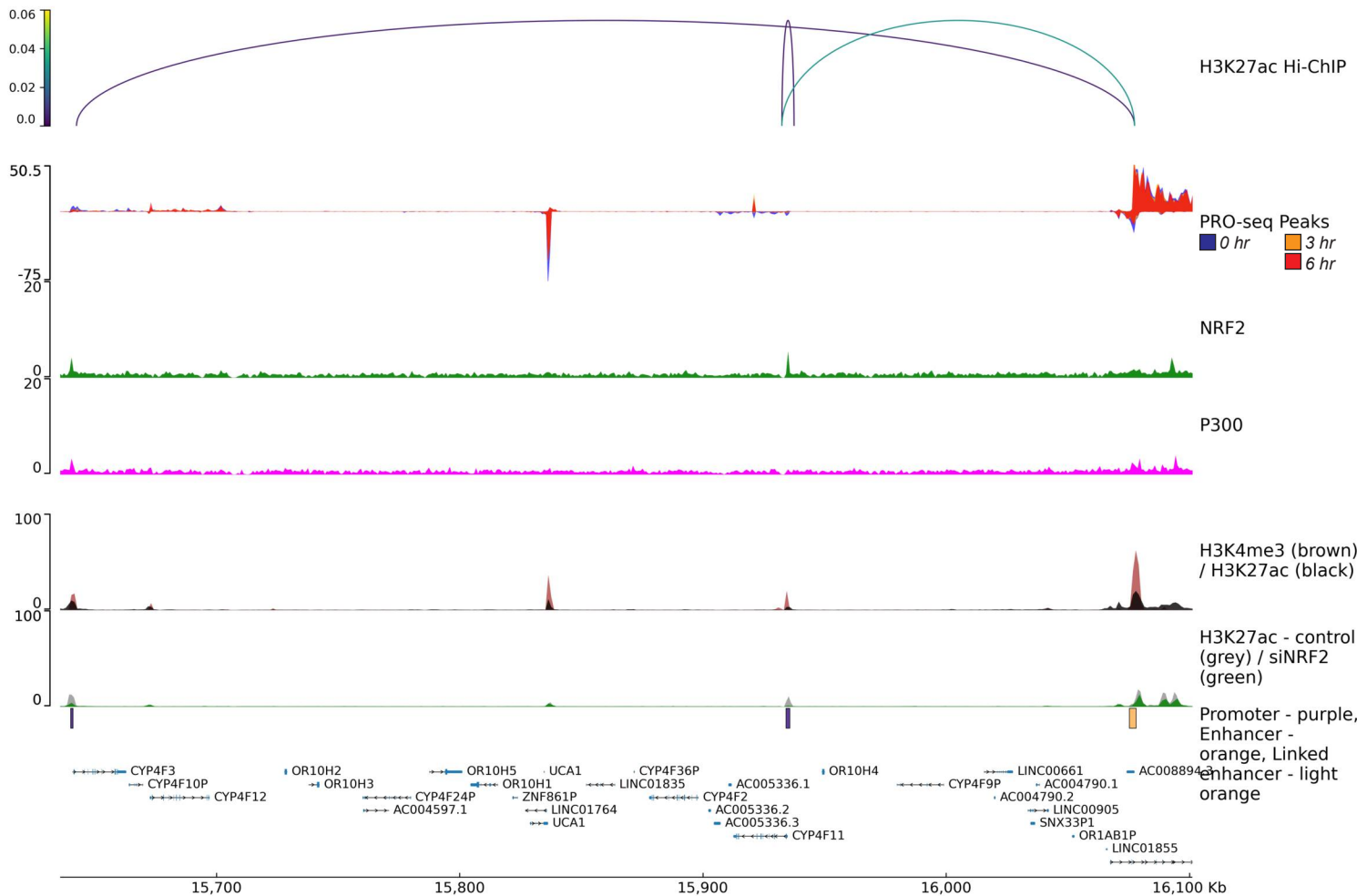
ALDH3A1



ASPH



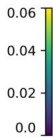




CYP4F3_CYP4F11

chr19

H3K27ac Hi-ChIP



PRO-seq Peaks
0 hr 3 hr 6 hr



NRF2



P300



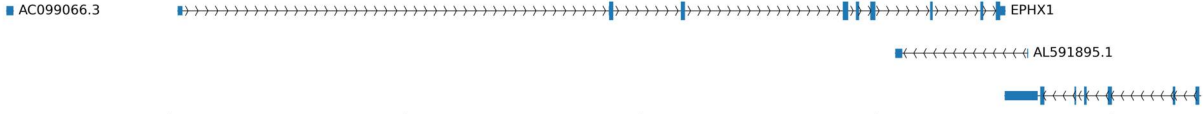
H3K4me3 (brown)
/ H3K27ac (black)



H3K27ac - control
(grey) / siNRF2
(green)



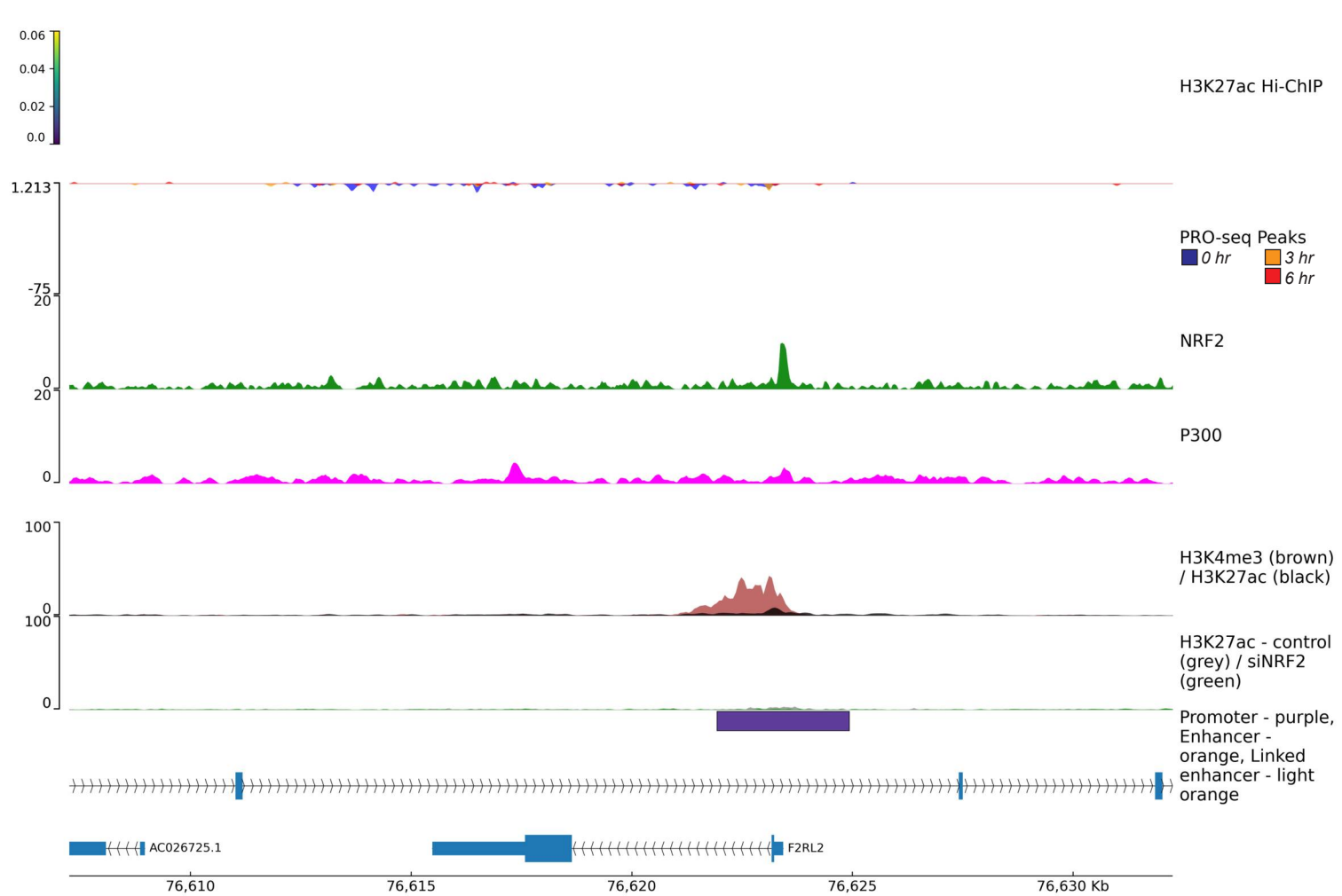
Promoter - purple,
Enhancer - orange,
Linked enhancer - light orange



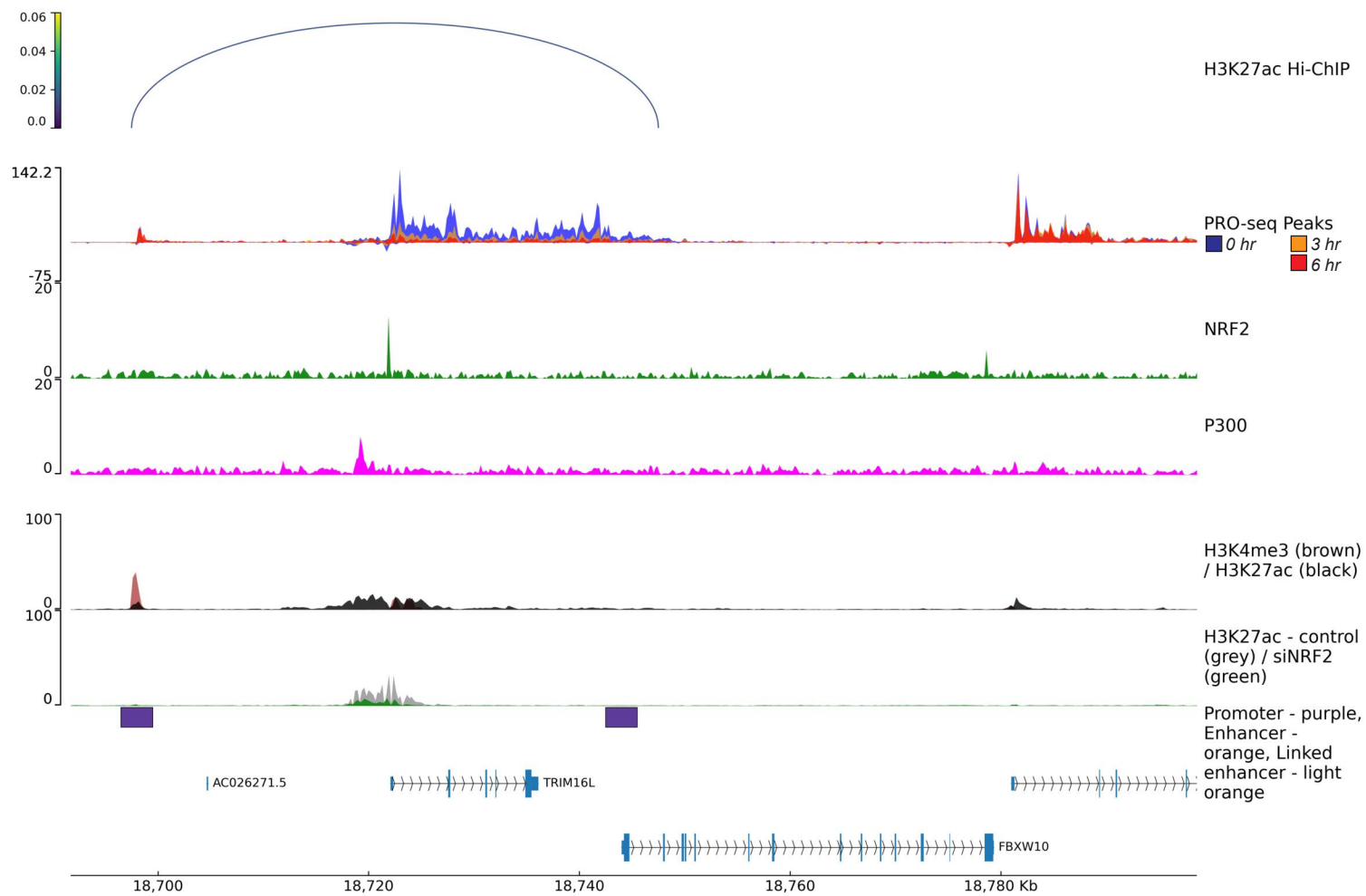
225,810 225,820 225,830 225,840 225,850 Kb

chr1

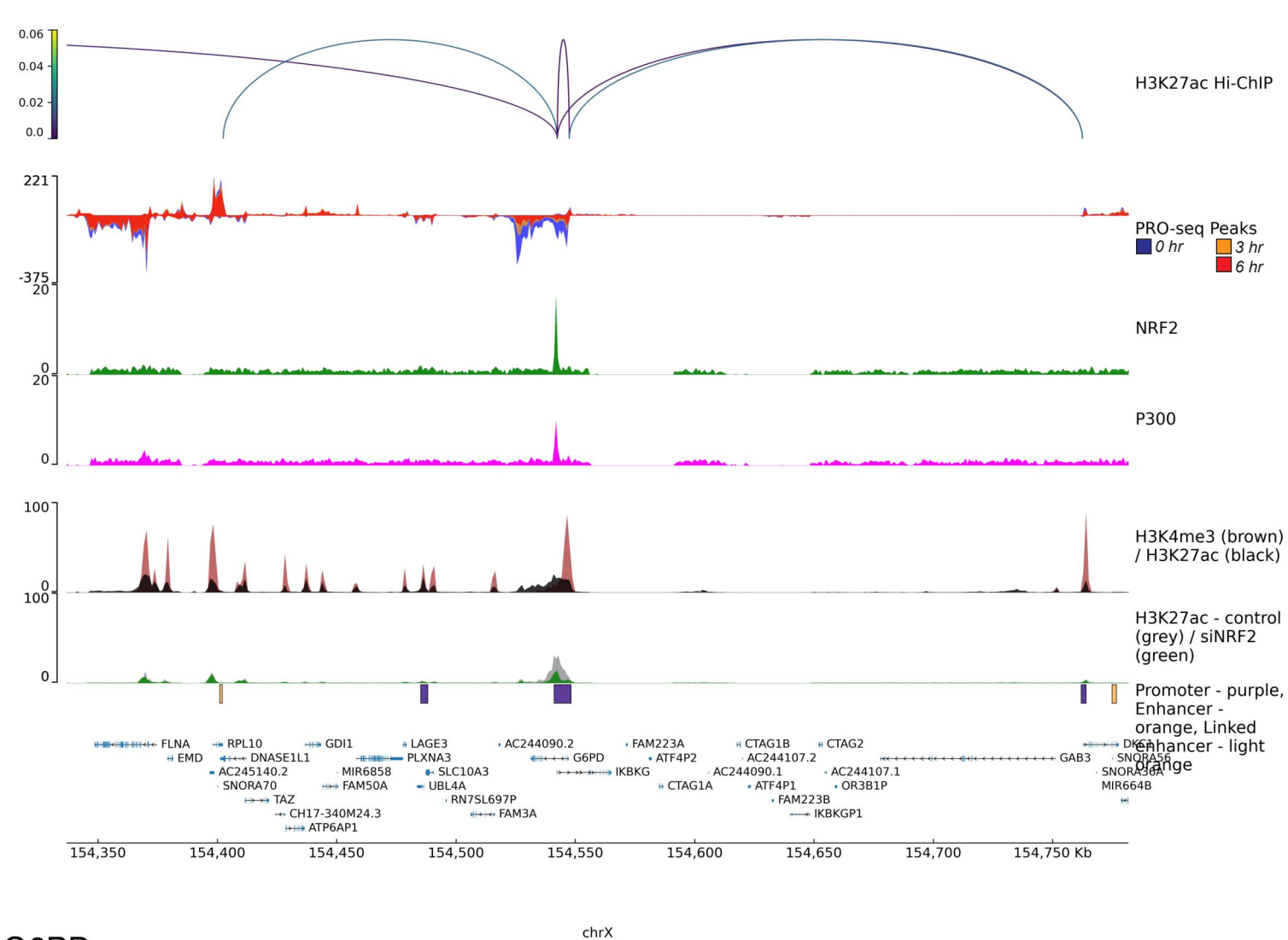
EPHX1

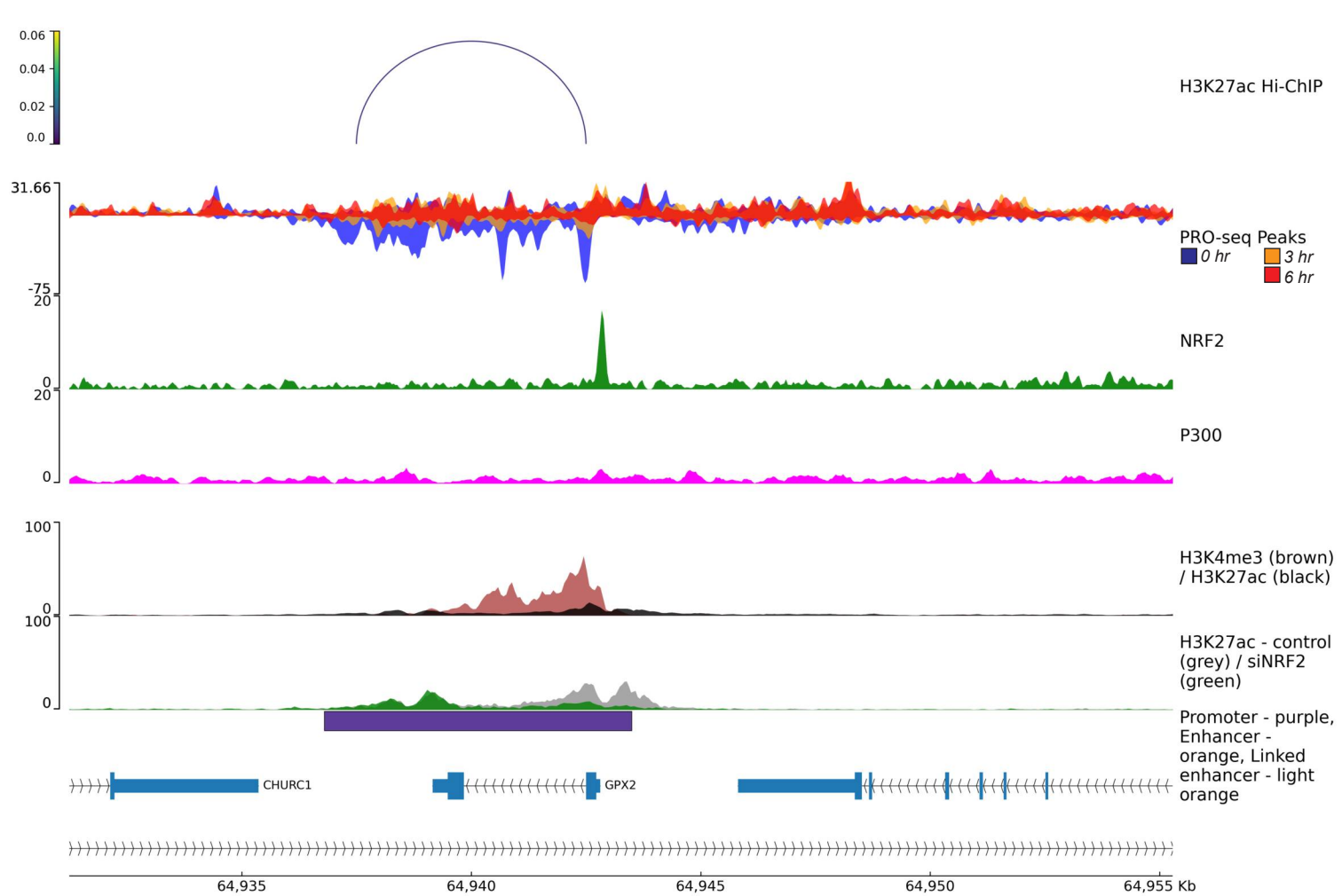


F2RL2

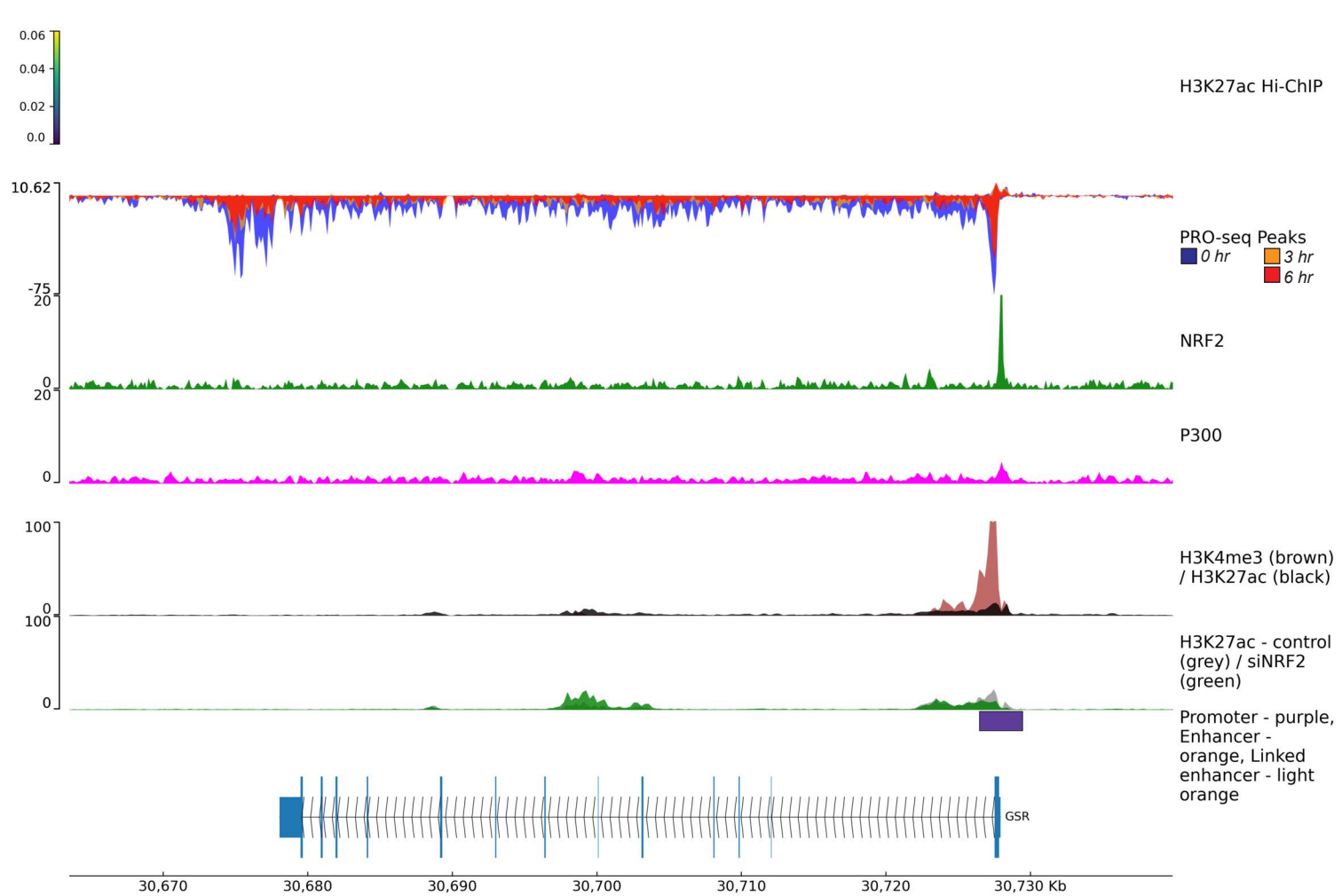


FBXW10_TRIM16L



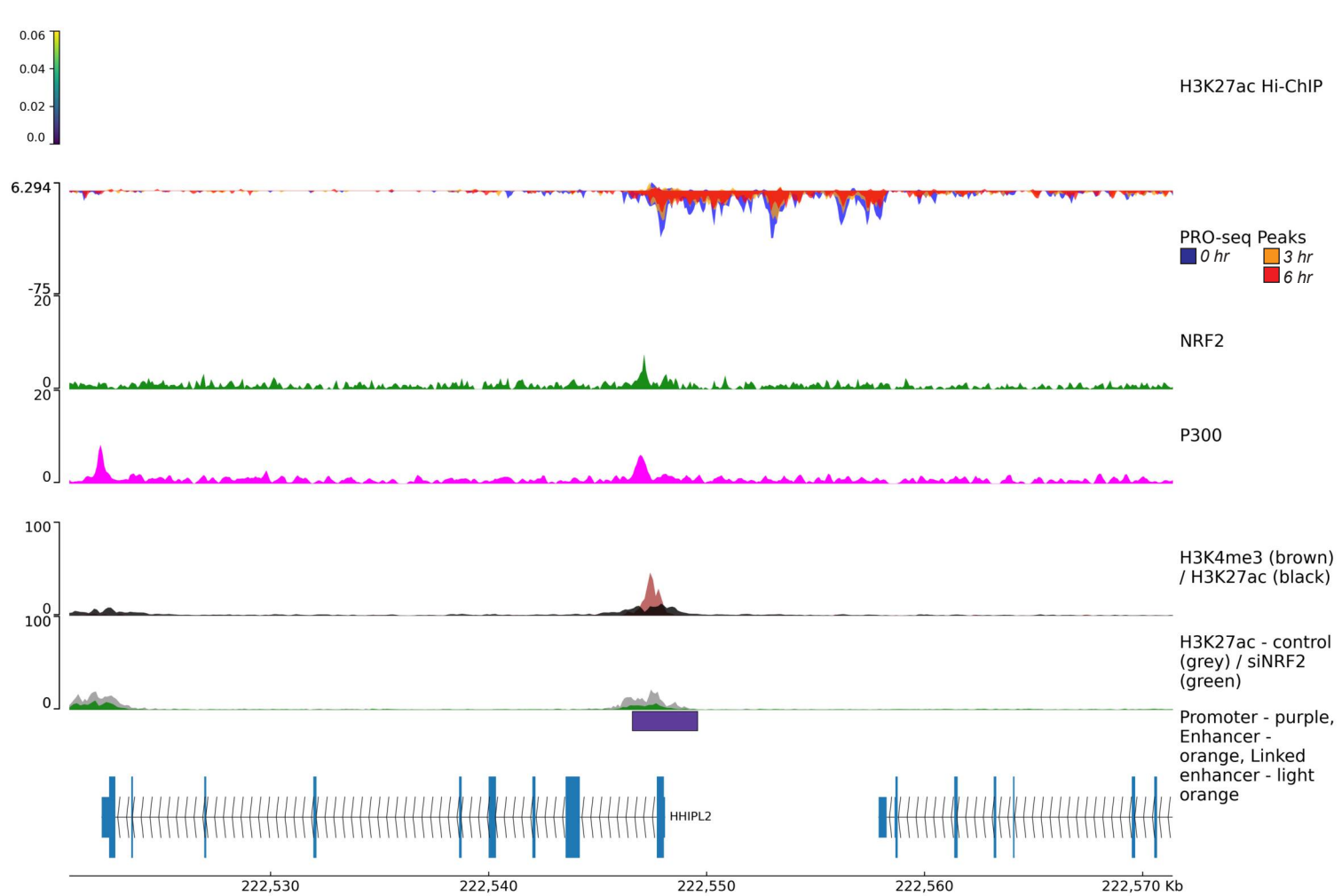


GPX2

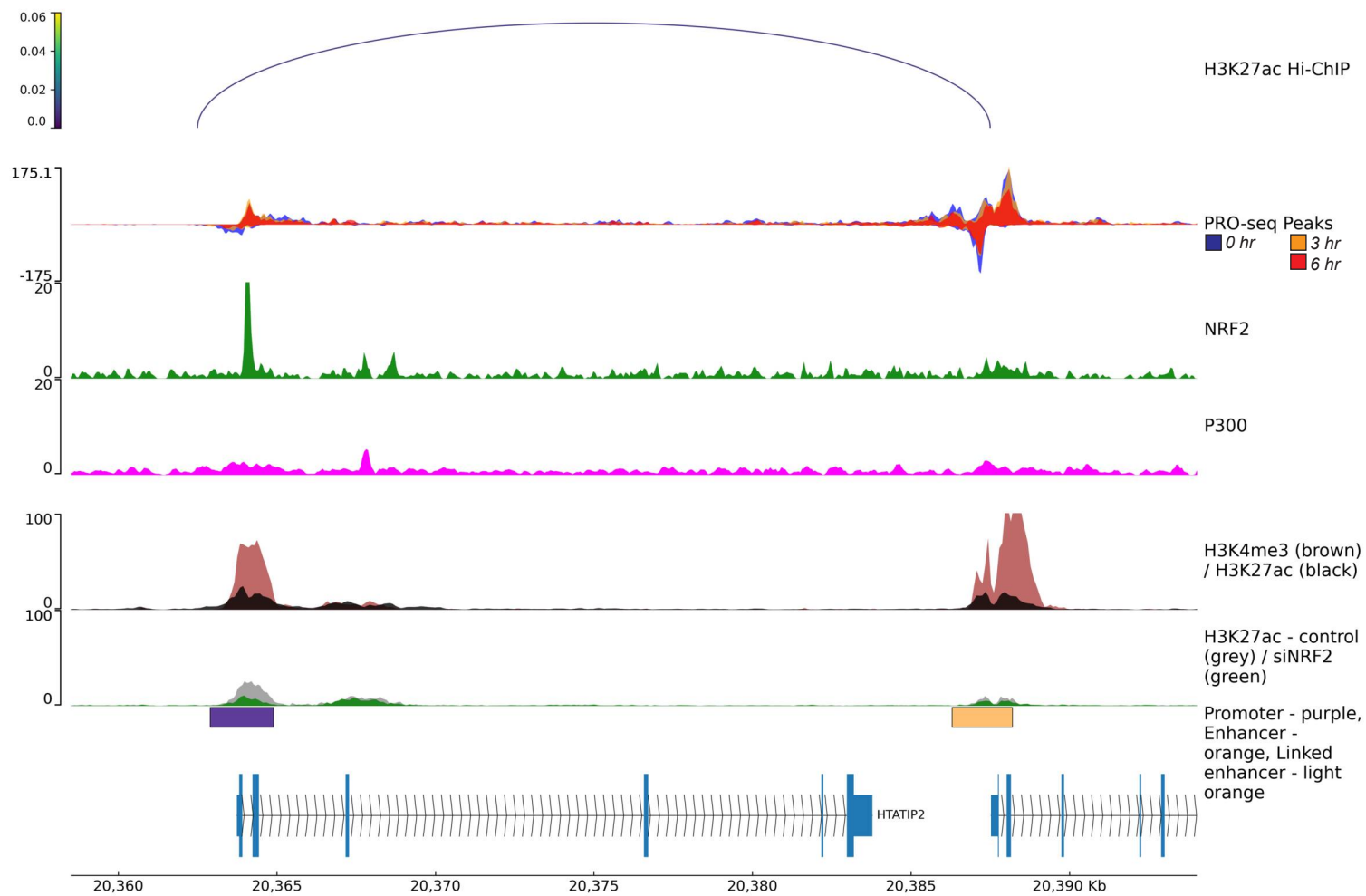


GSR

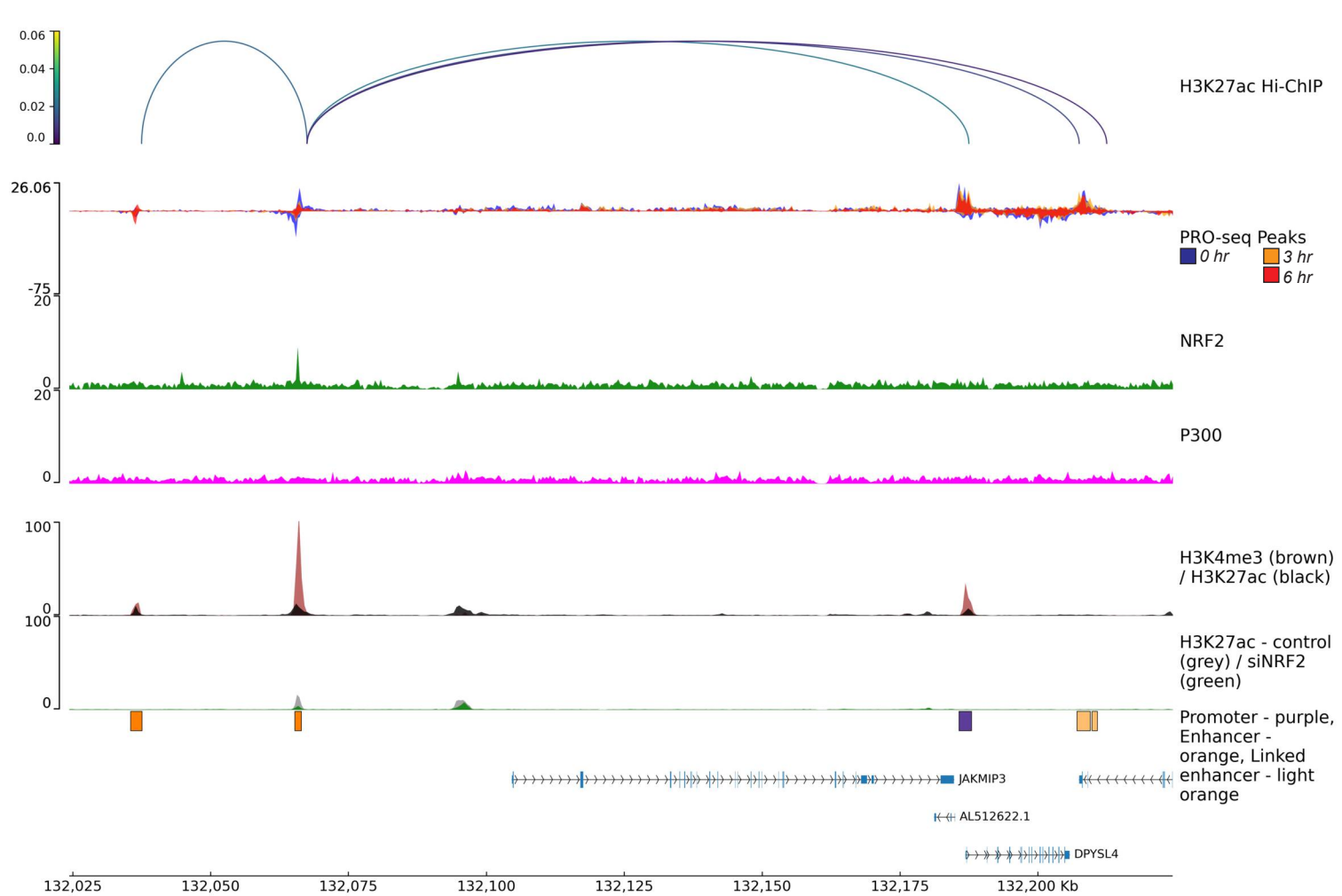
chr8



HHIP2



HTATIP2



JAKMIP3



KIAA0319

chr6

H3K27ac Hi-ChIP

PRO-seq Peaks
0 hr 3 hr 6 hr

NRF2

P300

H3K4me3 (brown)
/ H3K27ac (black)

H3K27ac - control
(grey) / siNRF2
(green)

Promoter - purple,
Enhancer - orange, Linked
enhancer - light
orange

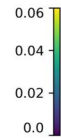
AC013444.1

AC013444.2

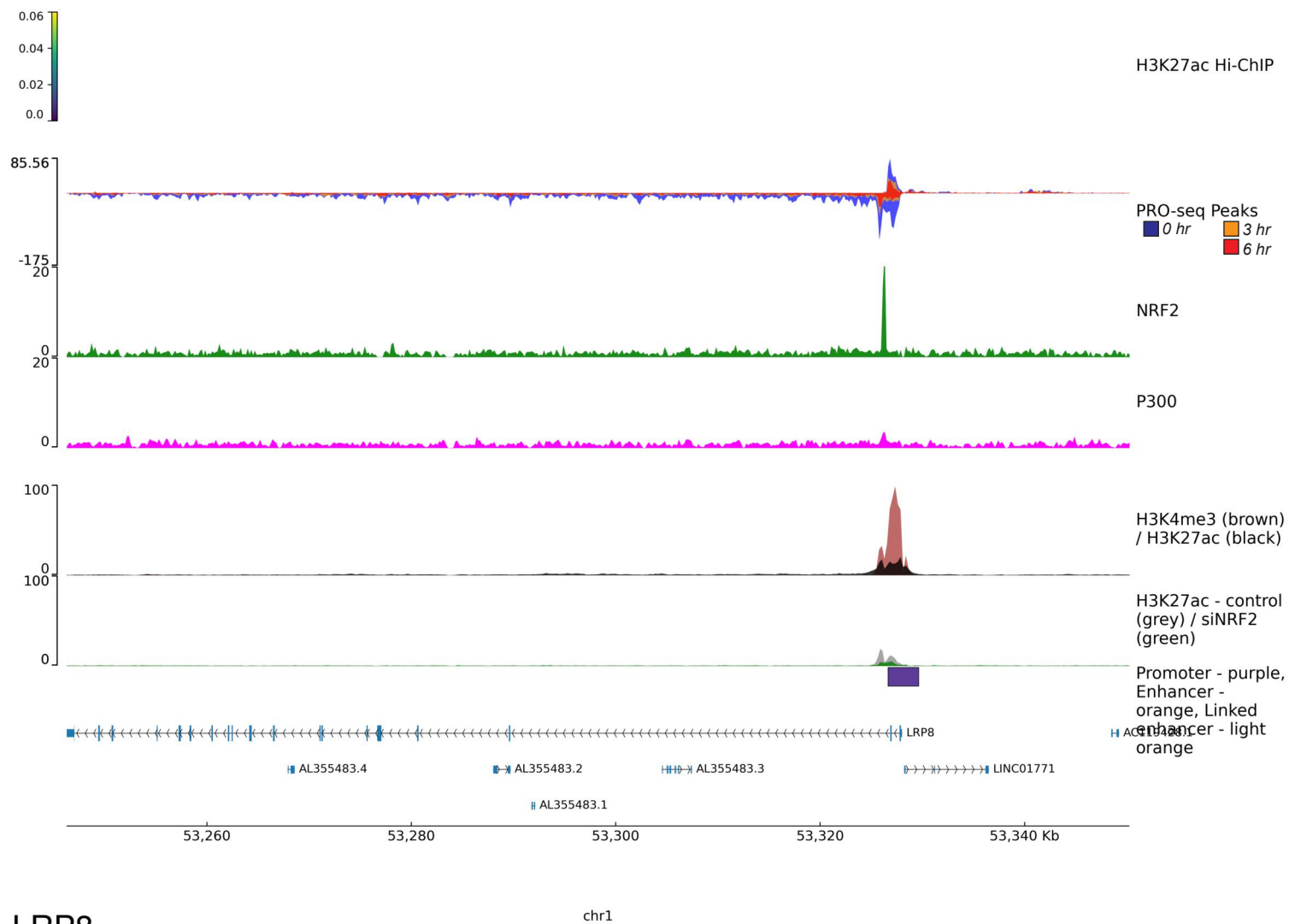
KYNU

142,850 142,900 142,950 143,000 143,050 Kb

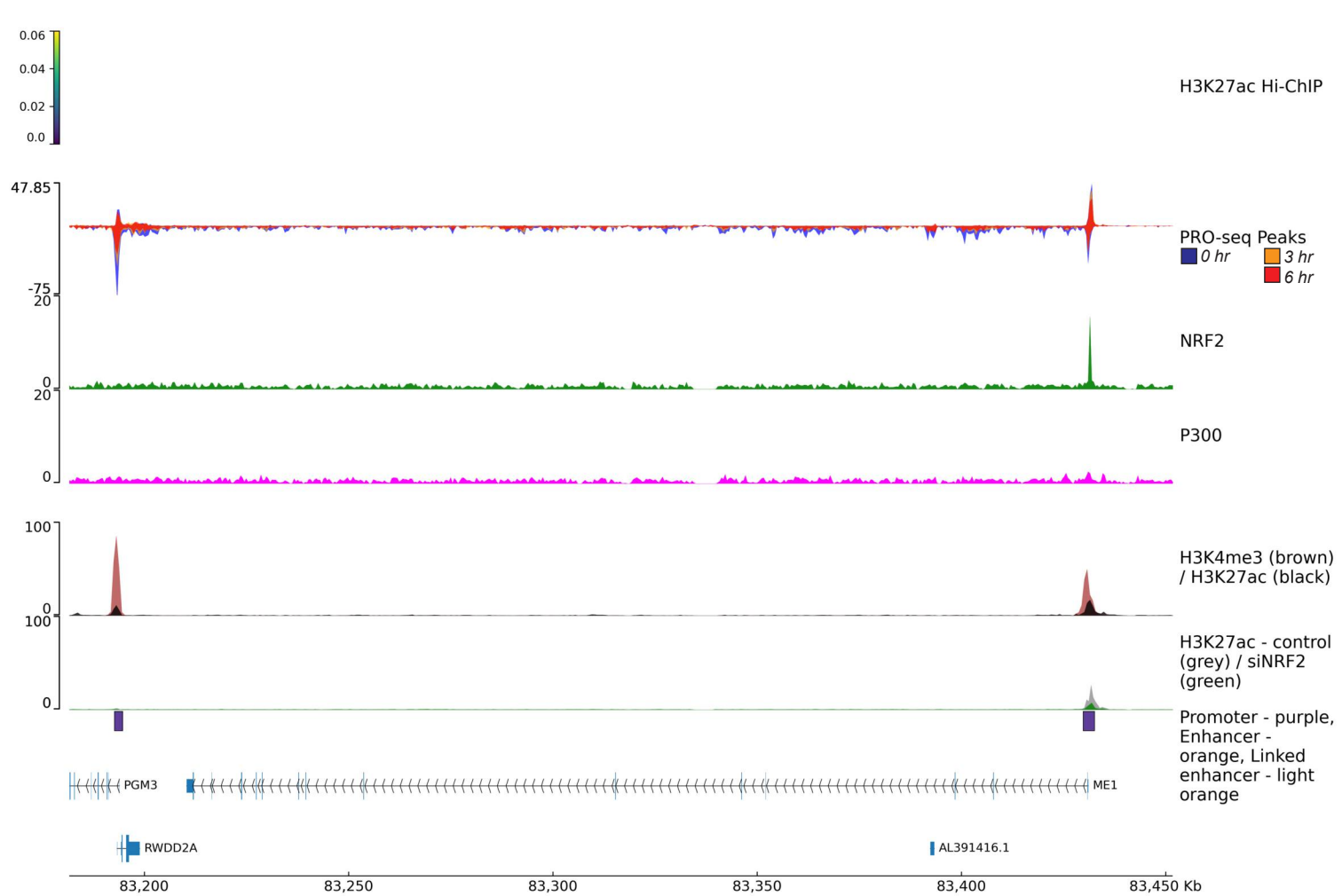
chr2



KYNU



LRP8



ME1



MGST1

H3K27ac Hi-ChIP

PRO-seq Peaks

0 hr 3 hr 6 hr

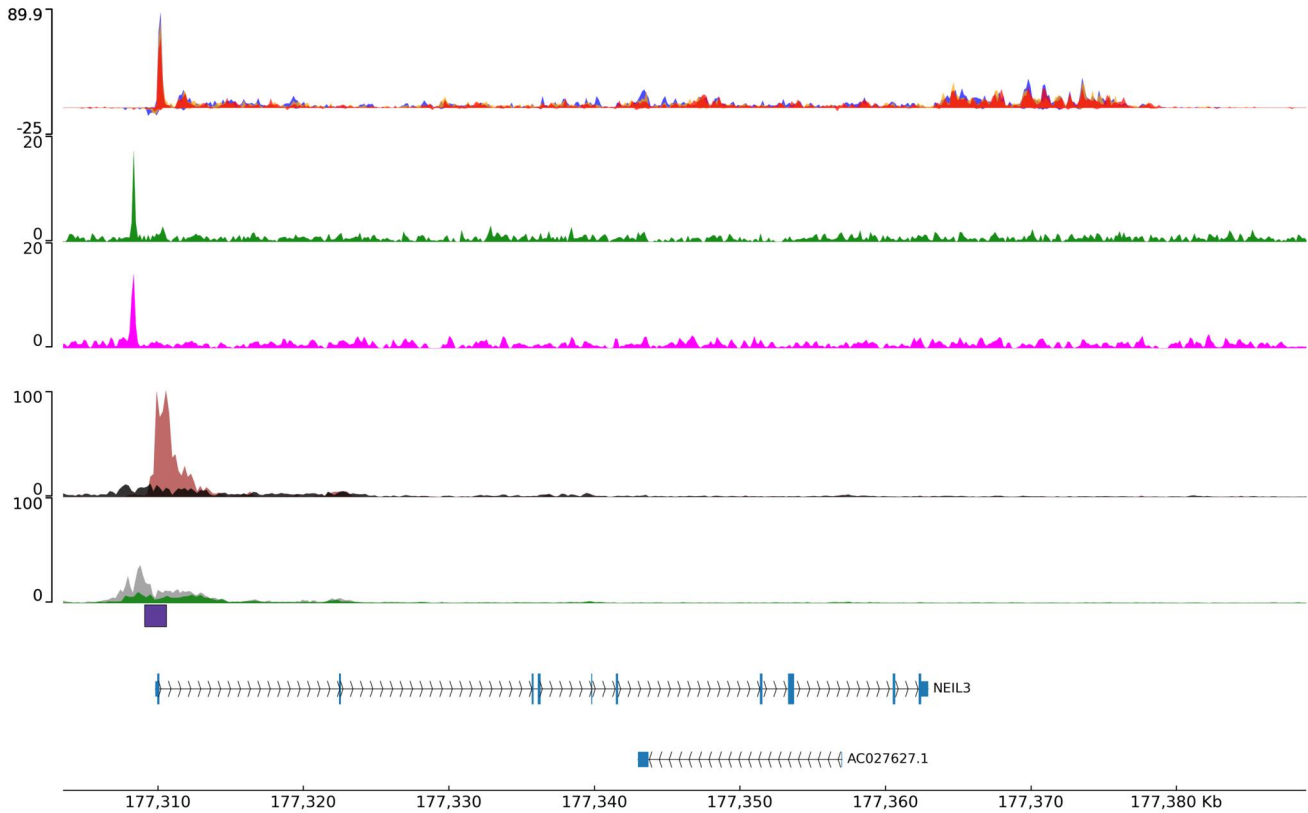
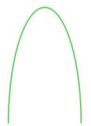
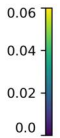
NRF2

P300

H3K4me3 (brown)
/ H3K27ac (black)

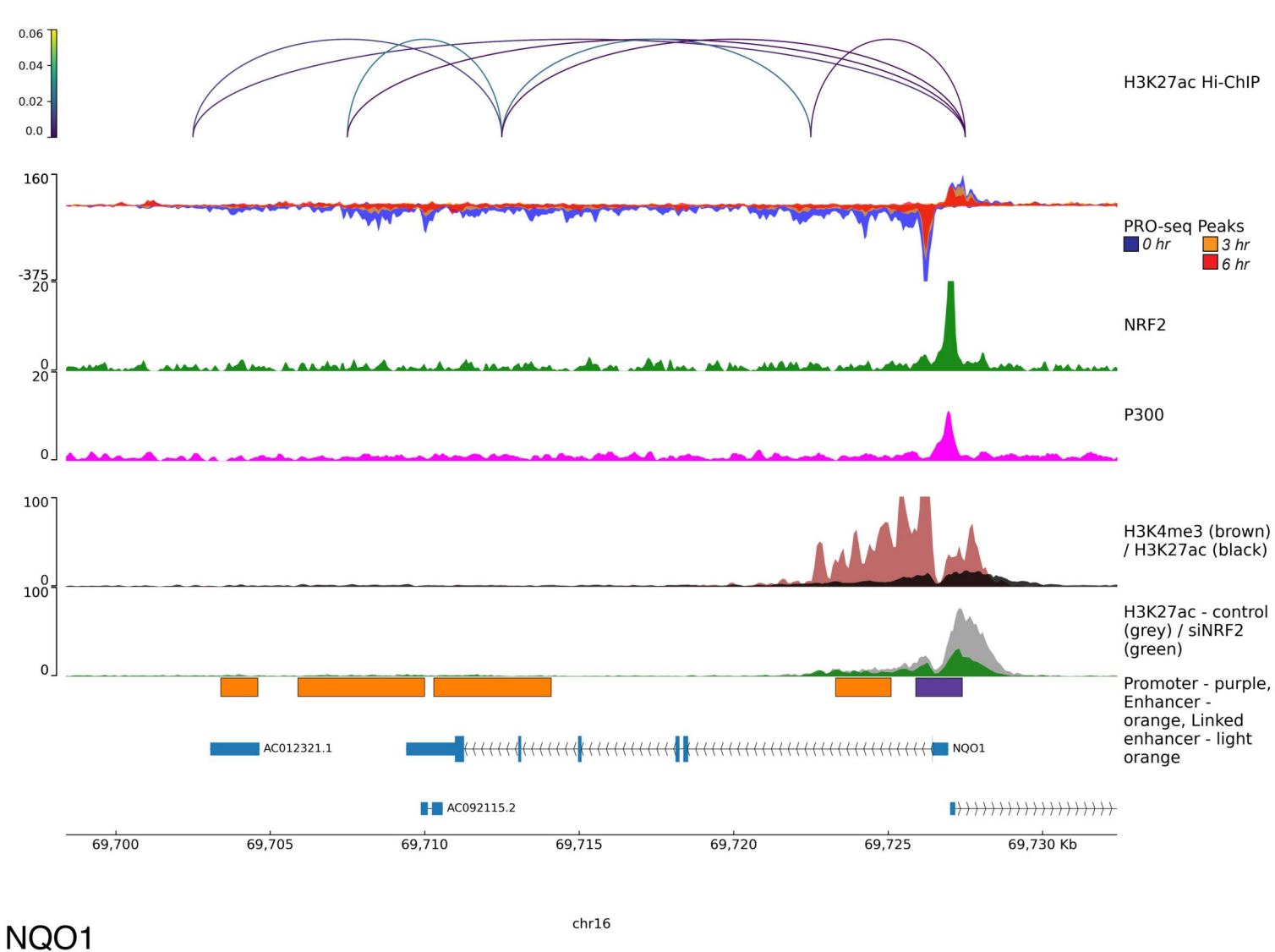
H3K27ac - control
(grey) / siNRF2
(green)

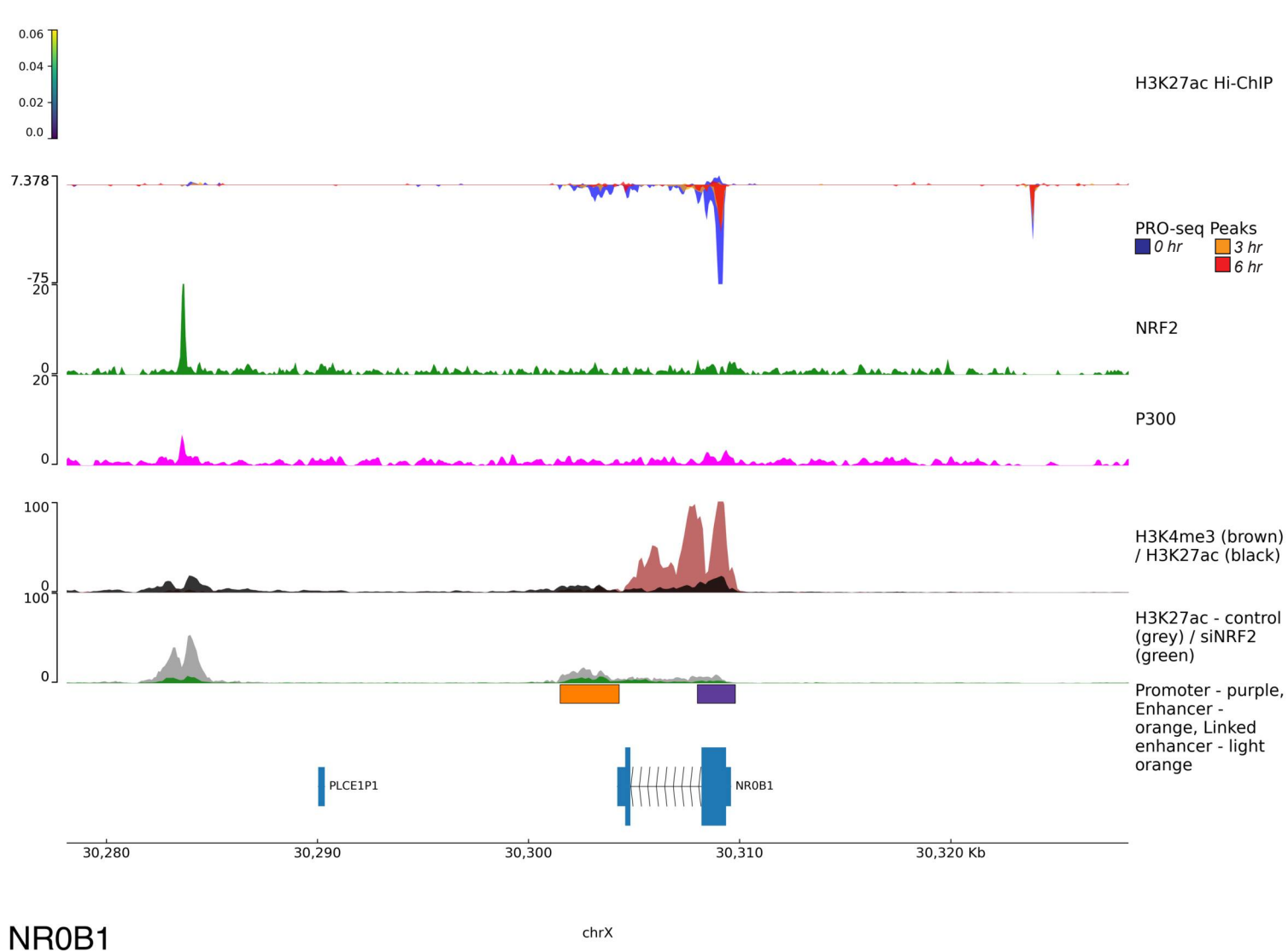
Promoter - purple,
Enhancer - orange,
Linked
enhancer - light
orange

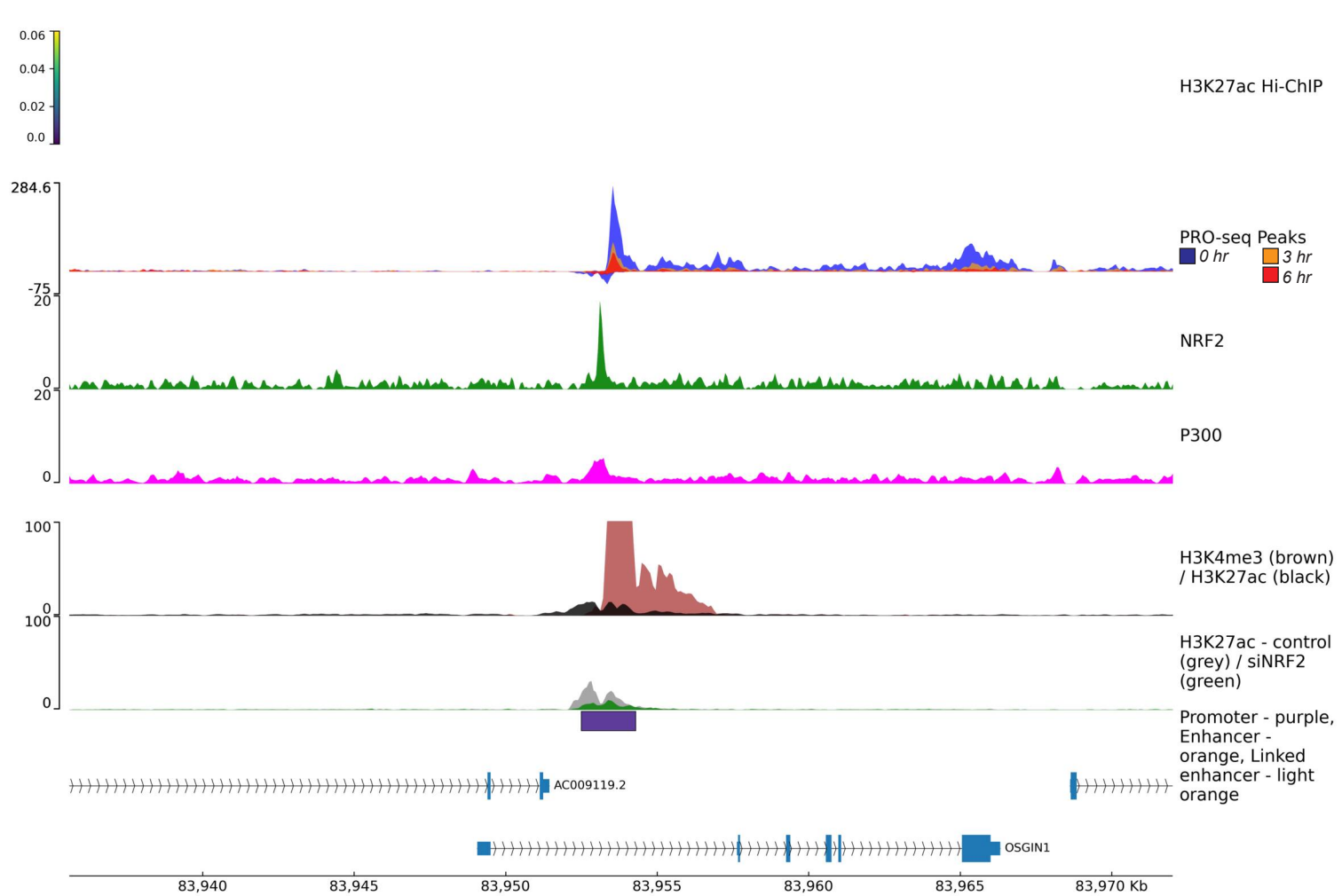


NEIL3

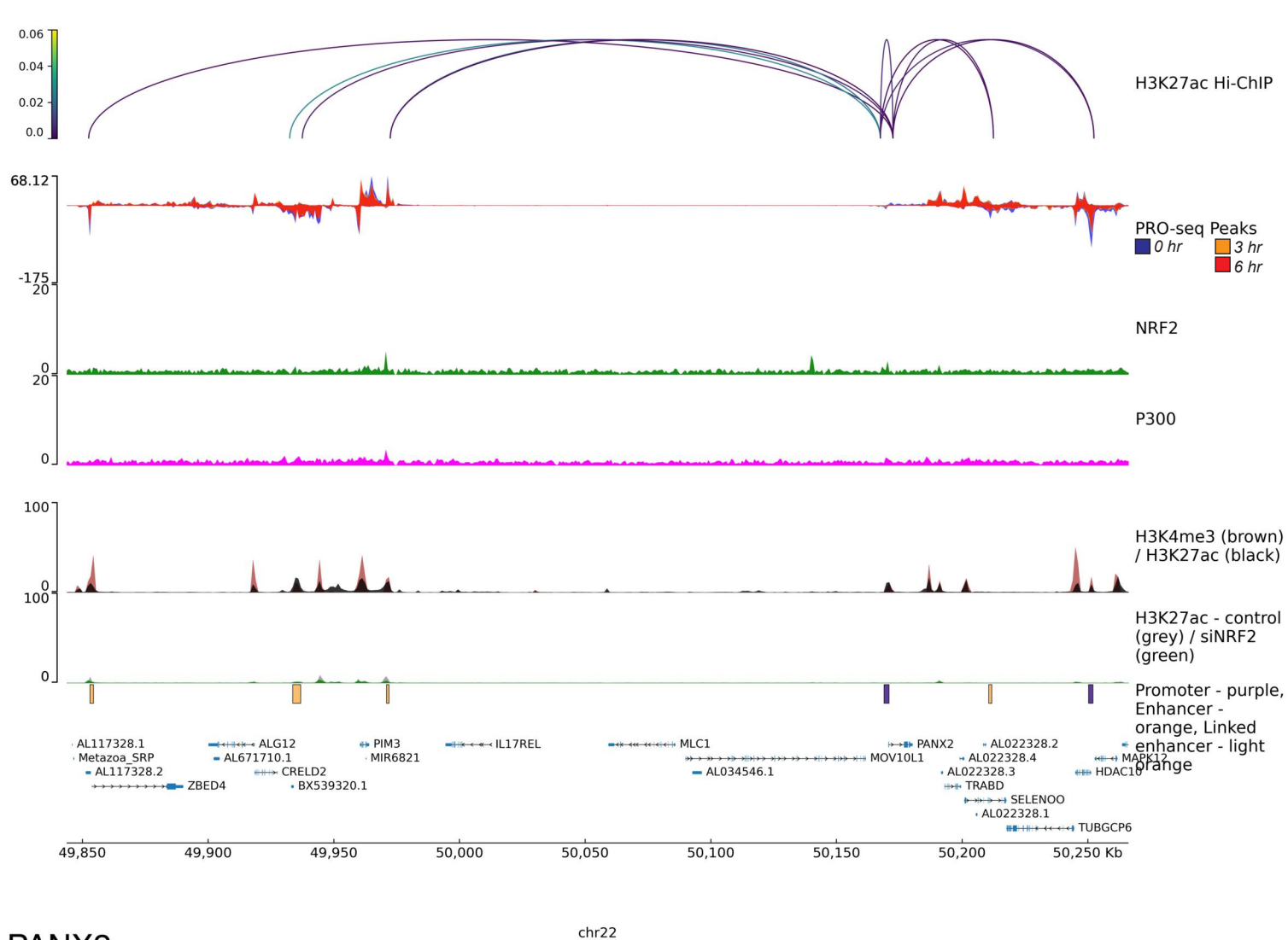
chr4

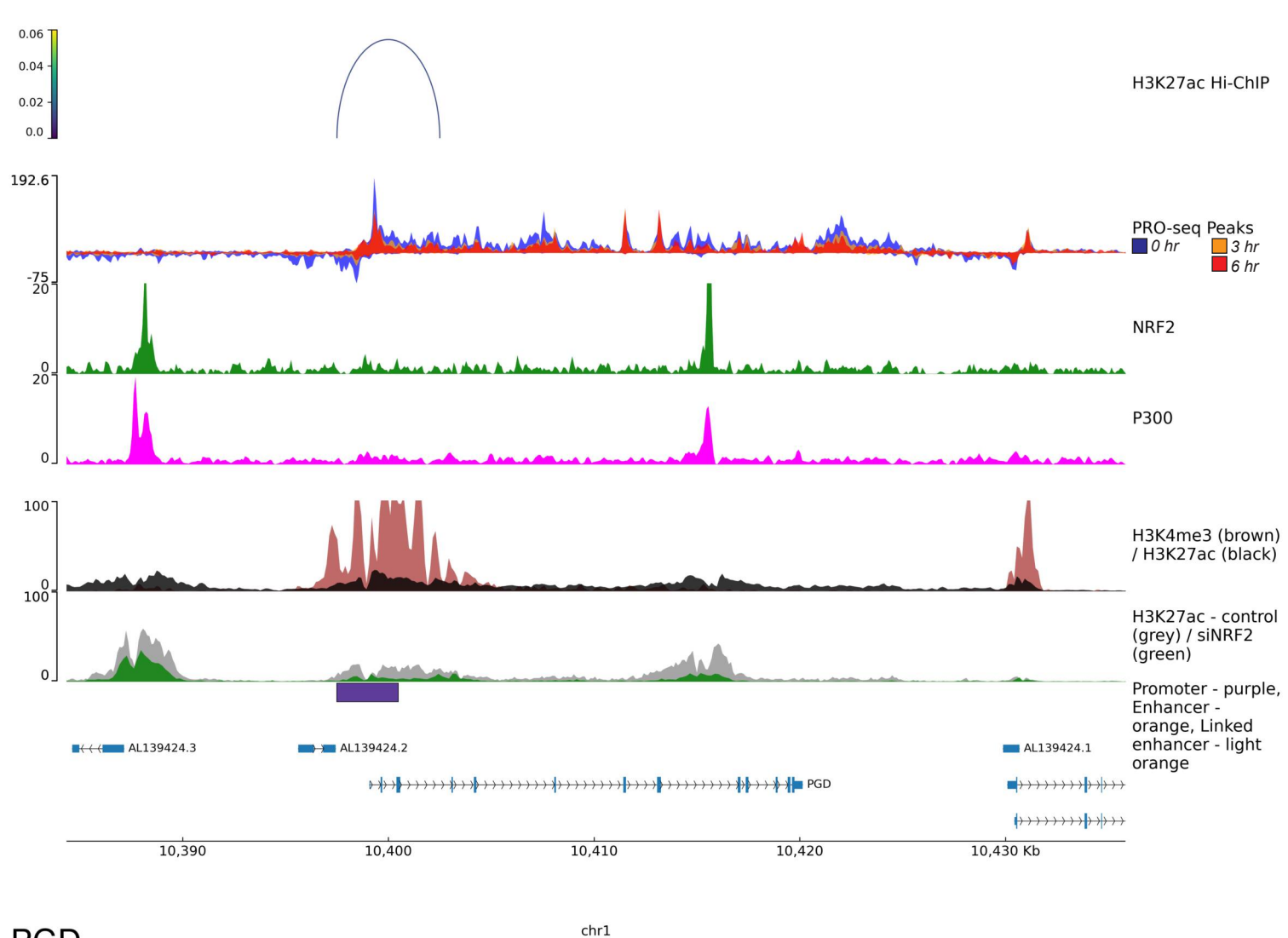


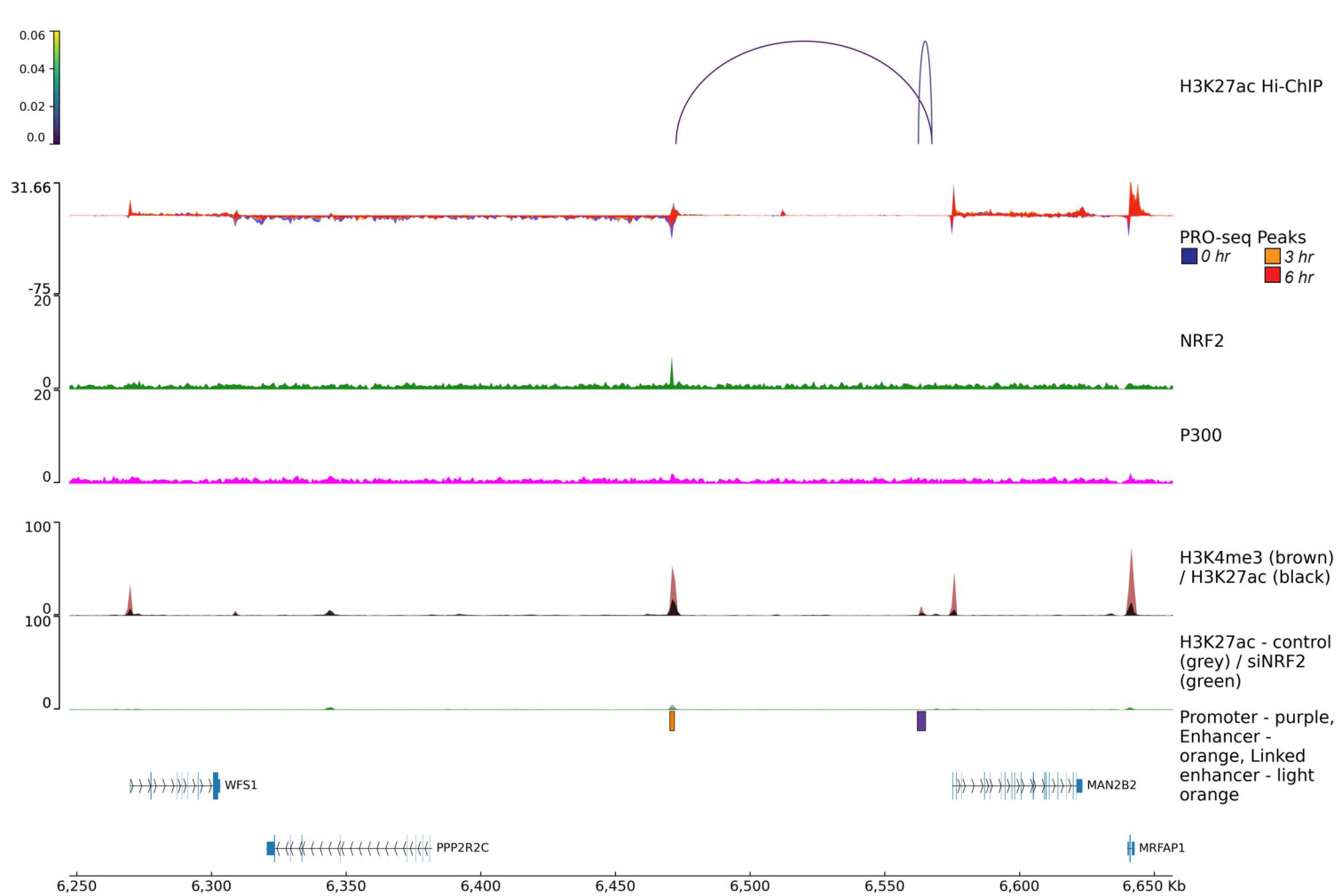




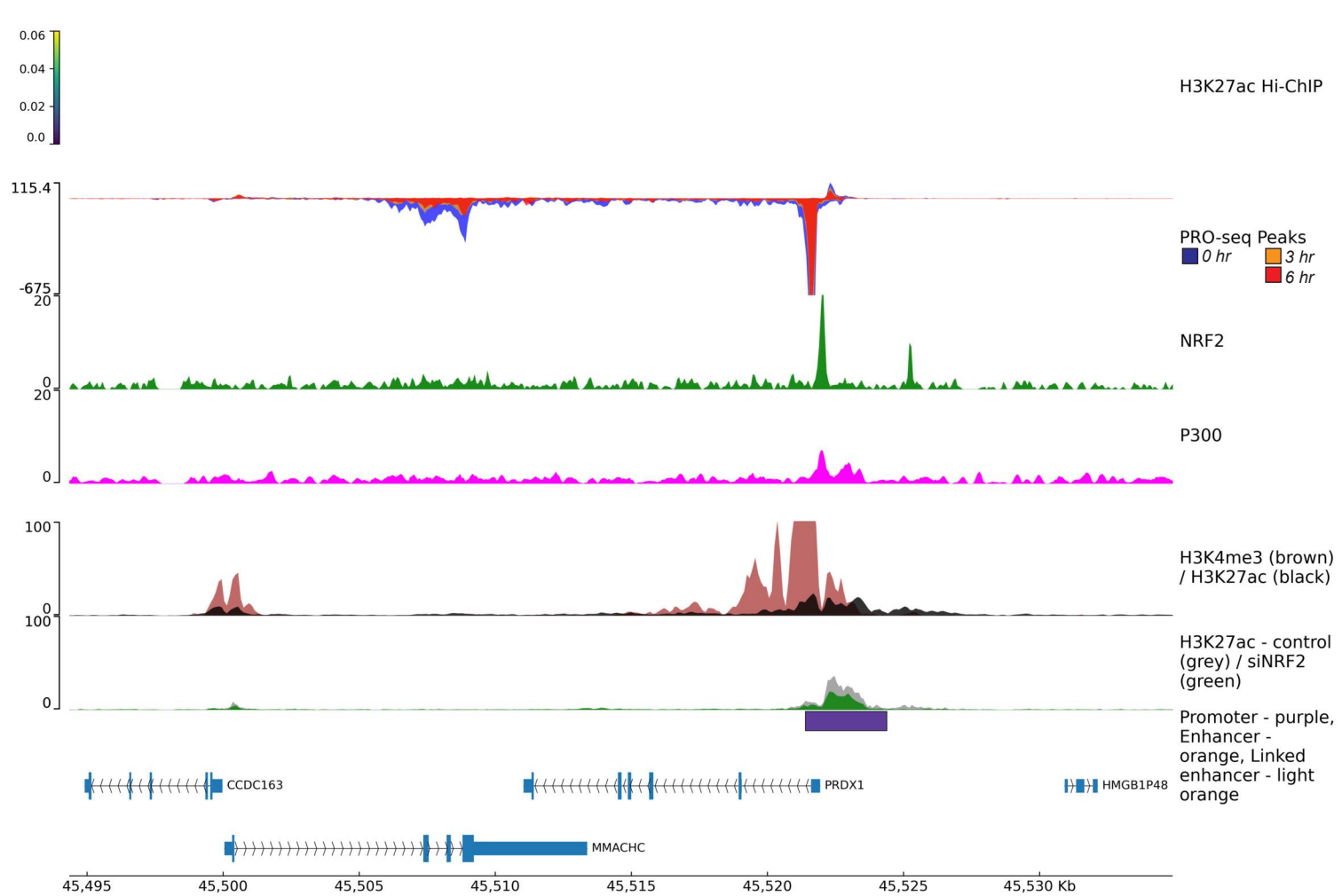
OSGIN1



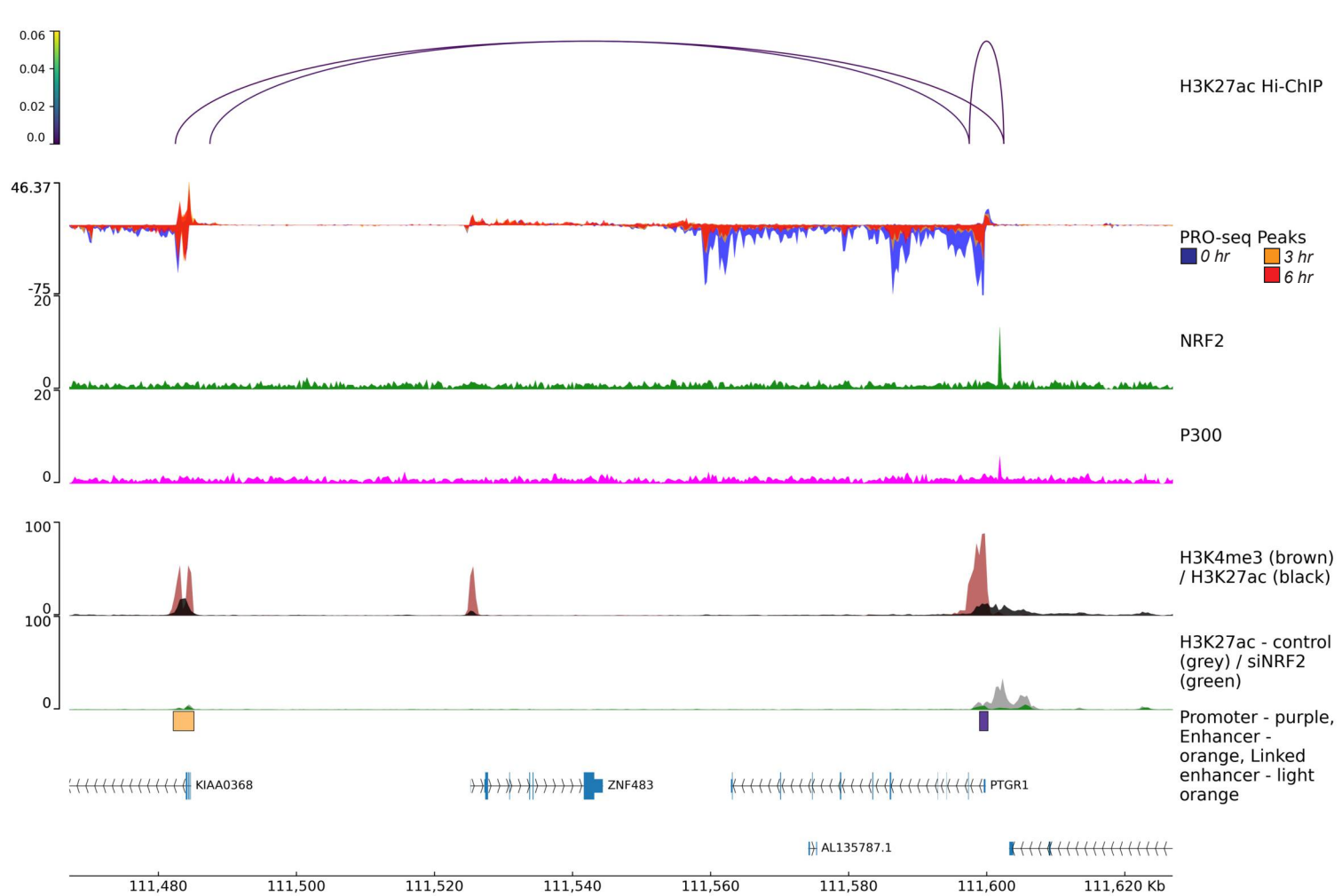




PPP2R2C

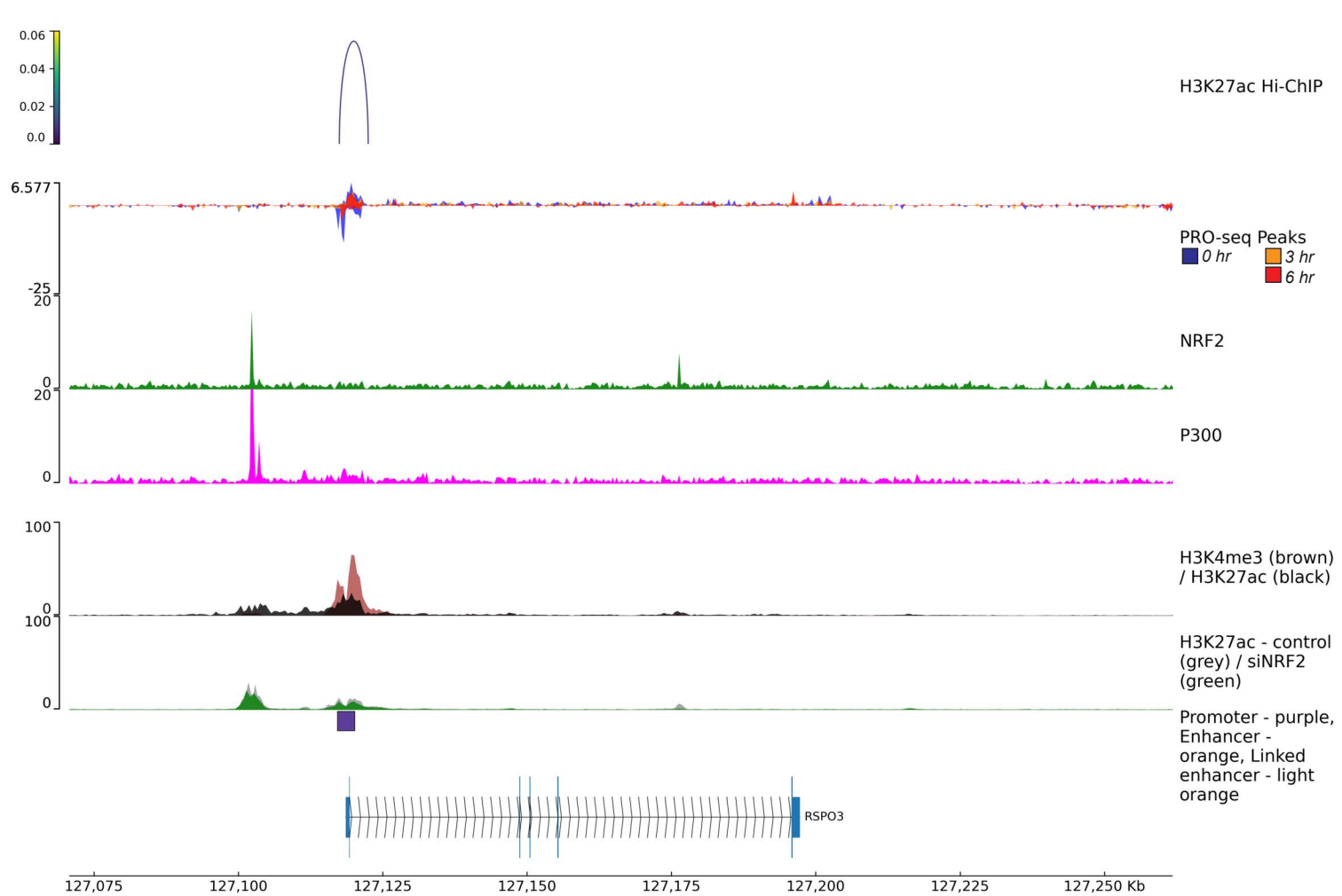


PRDX1



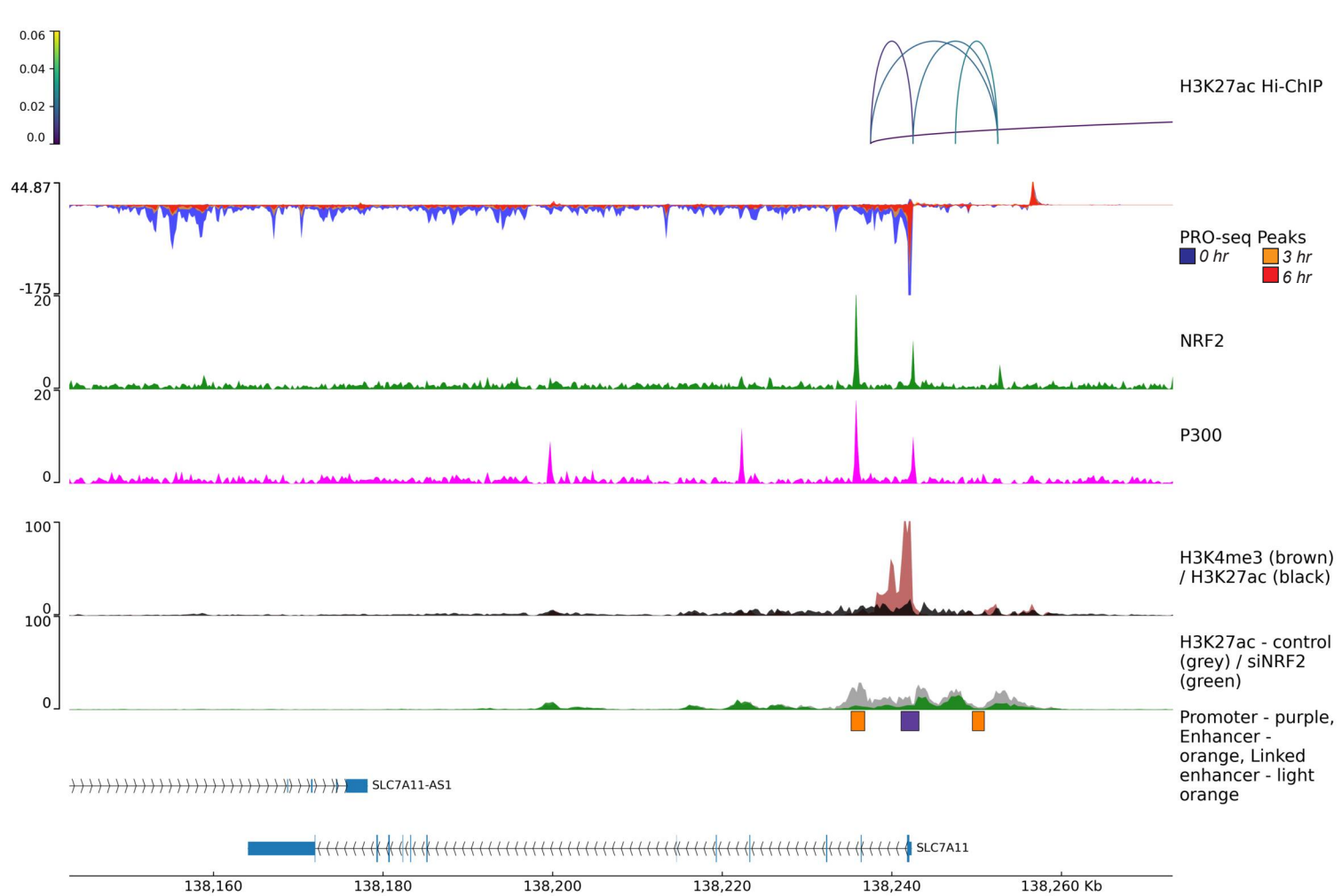
PTGR1

chr9

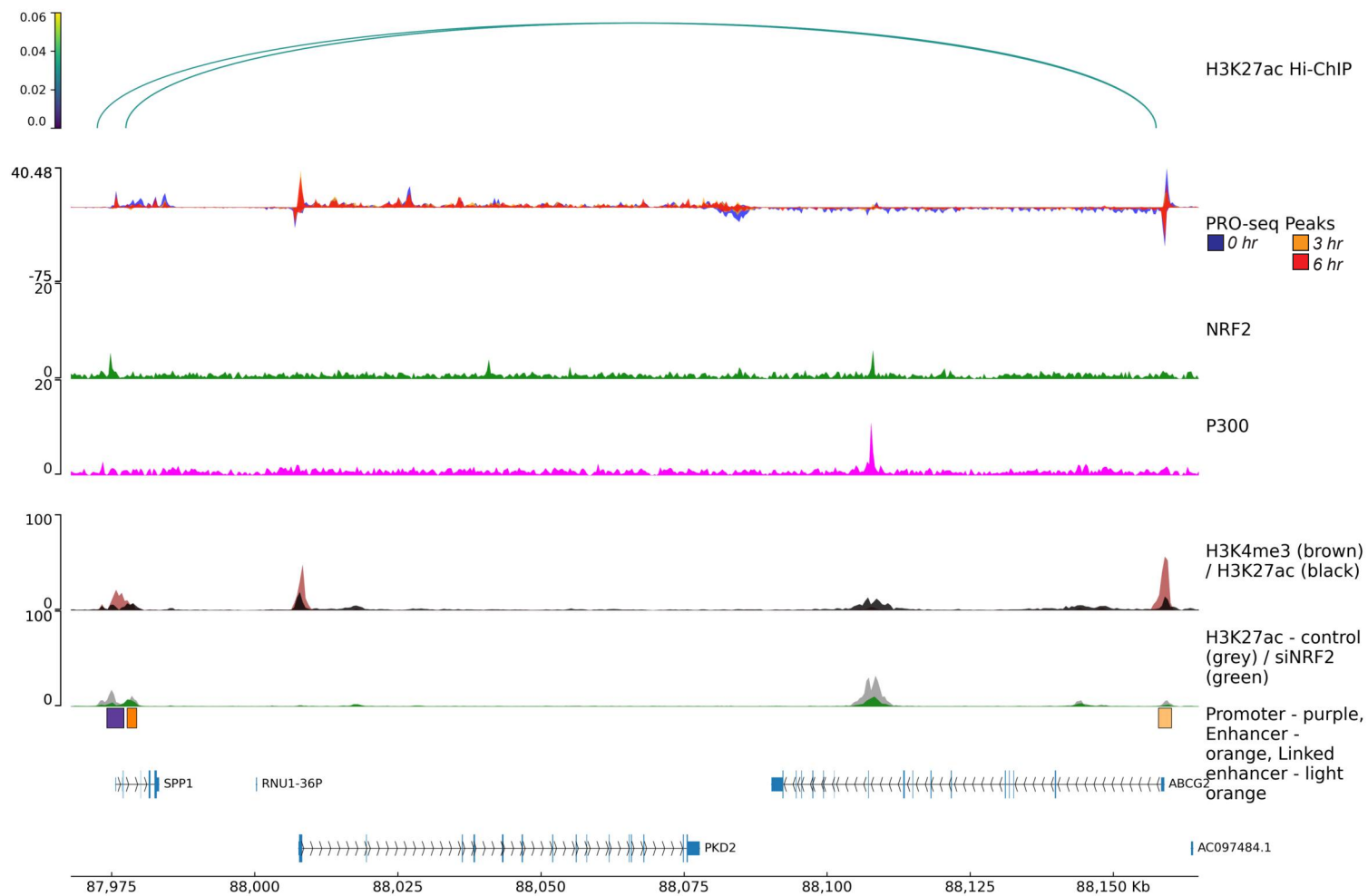


RSPO3

chr6

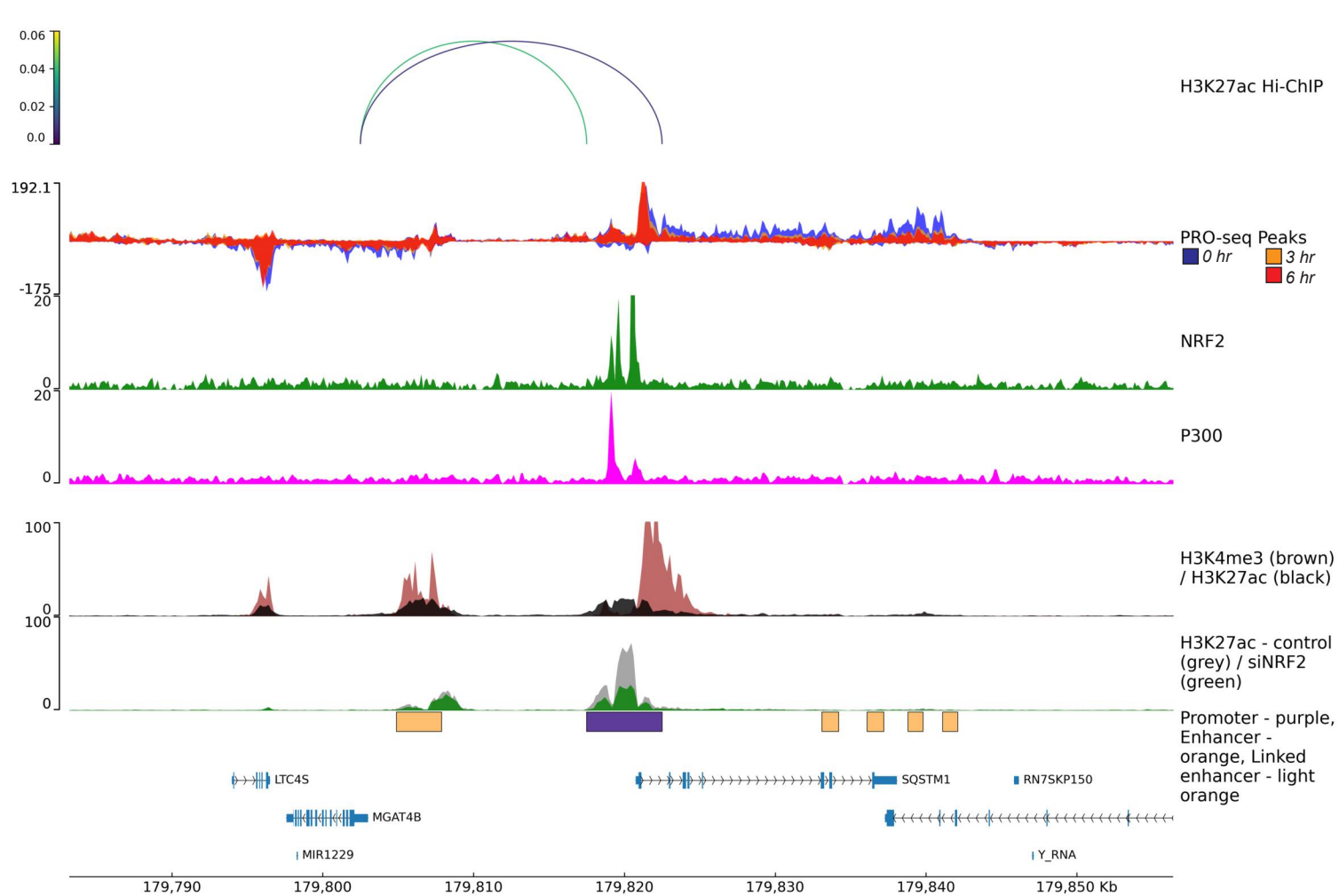


SLC7A11



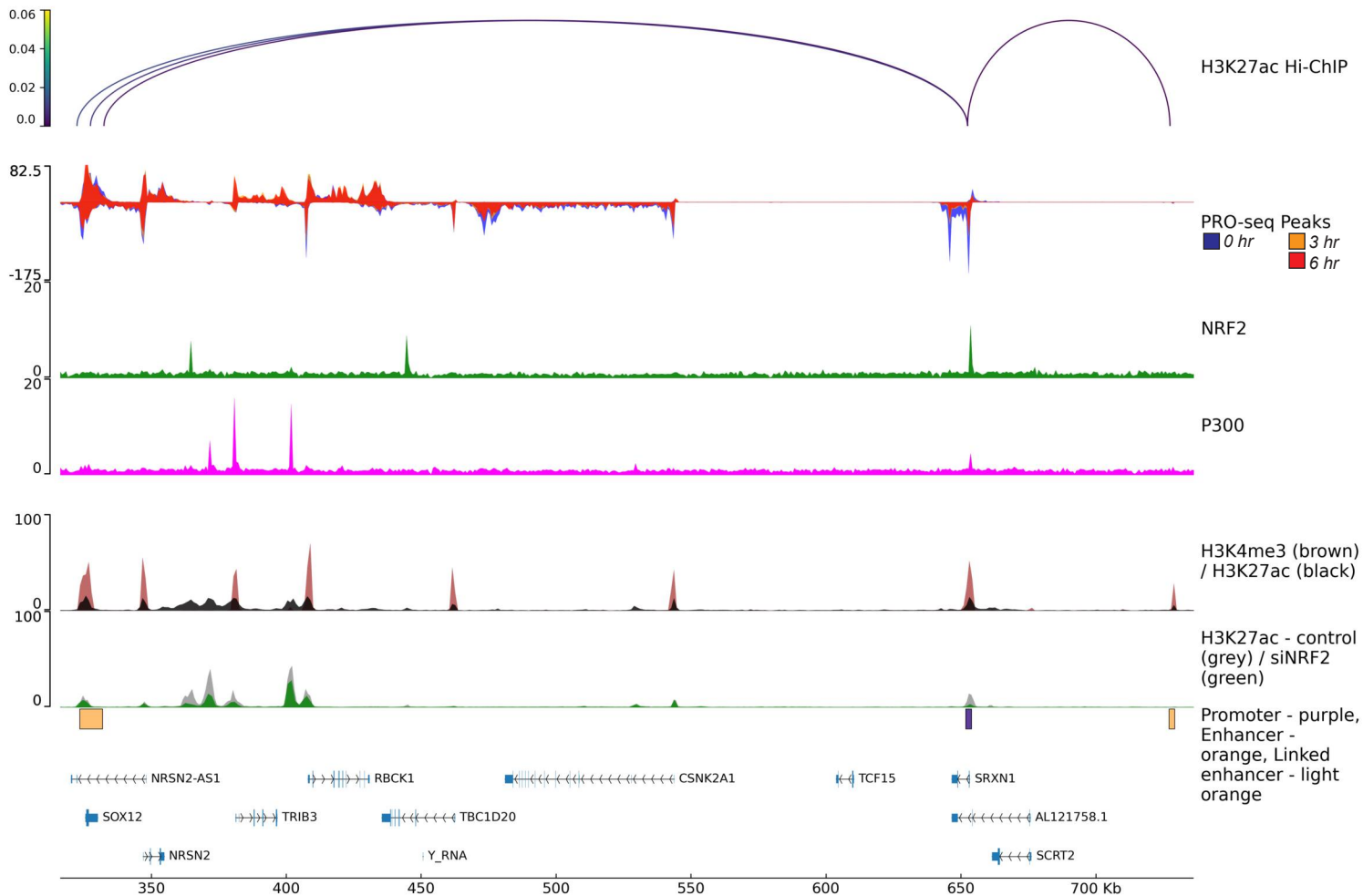
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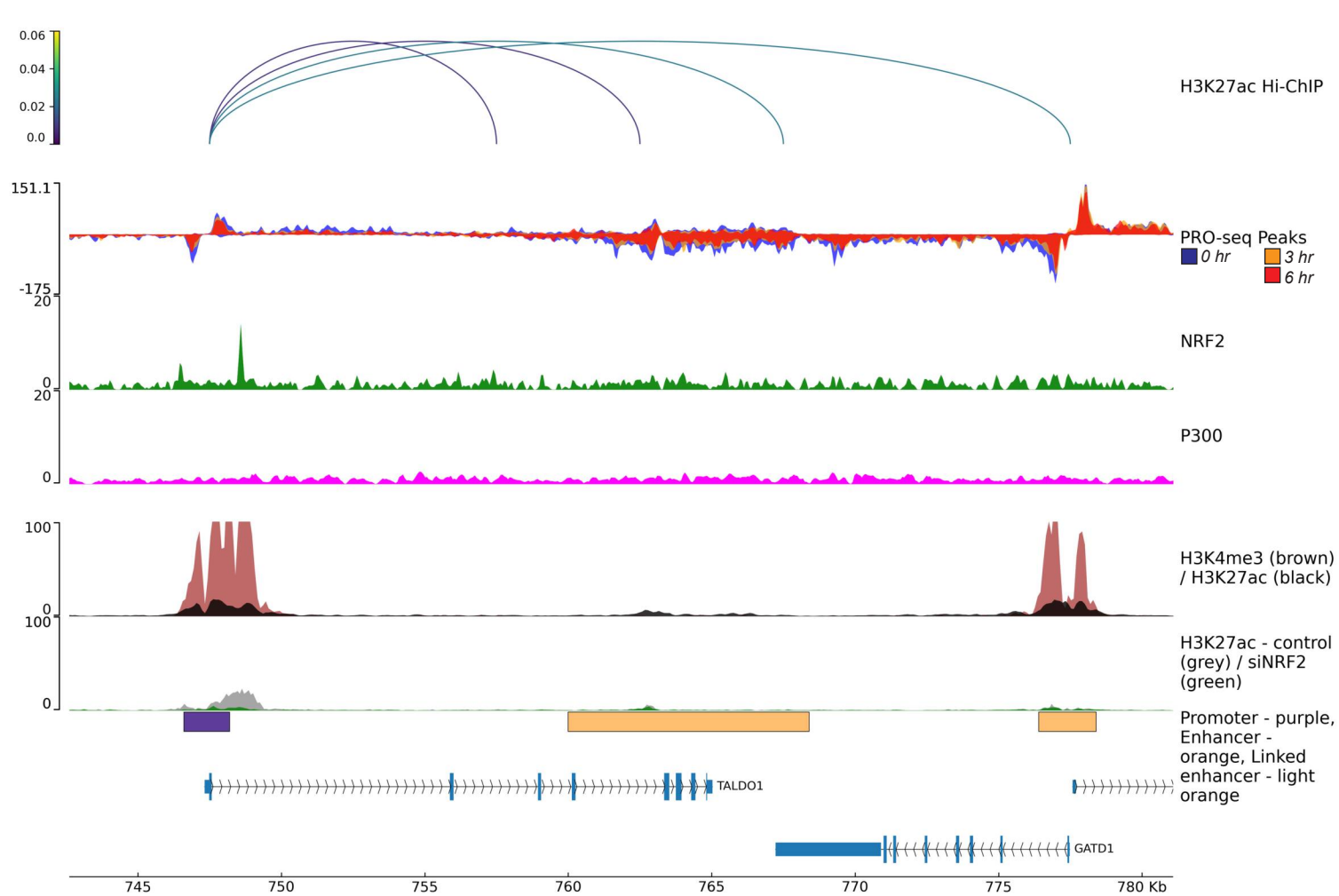
chr4



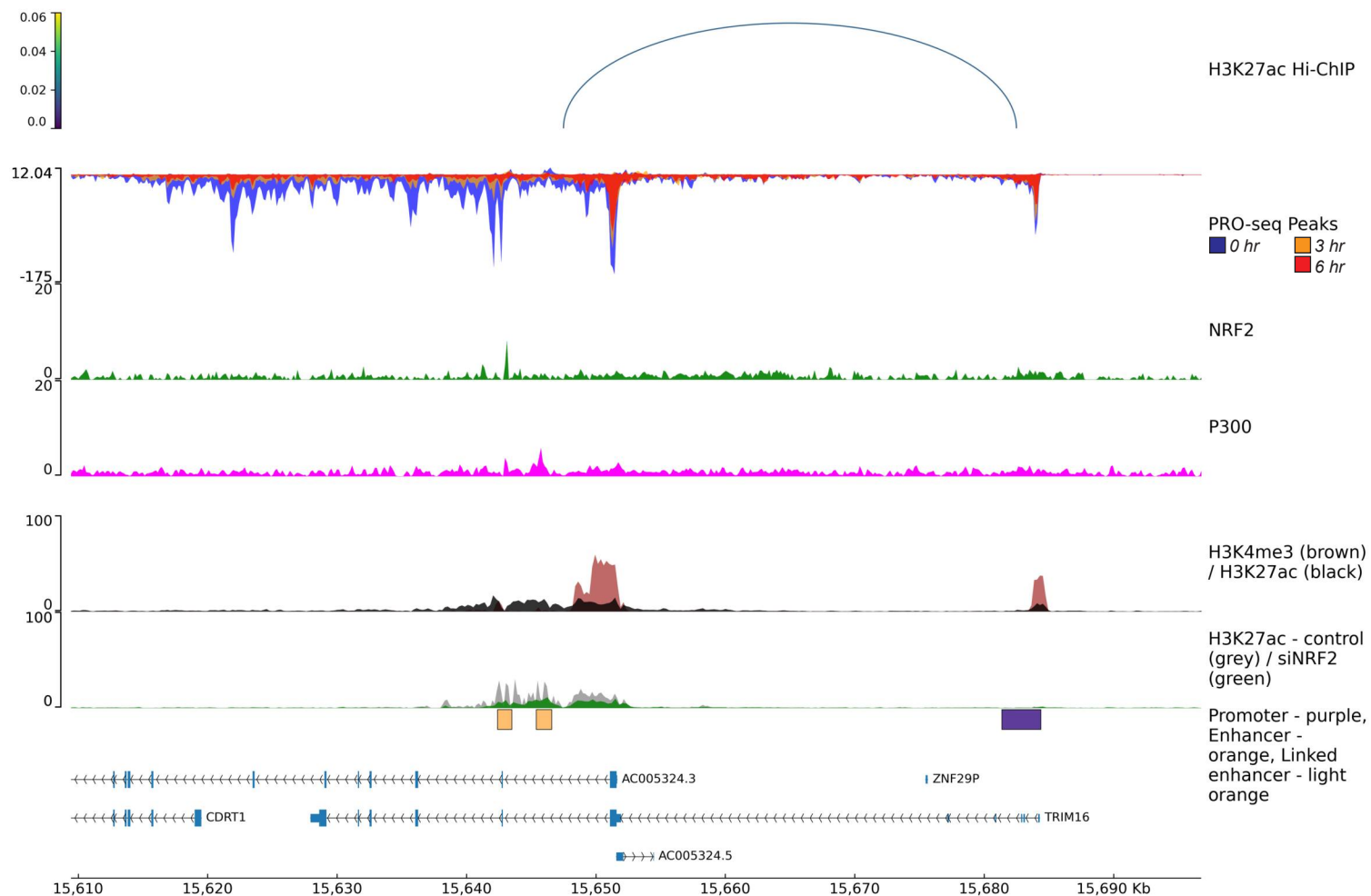
SQSTM1

chr5

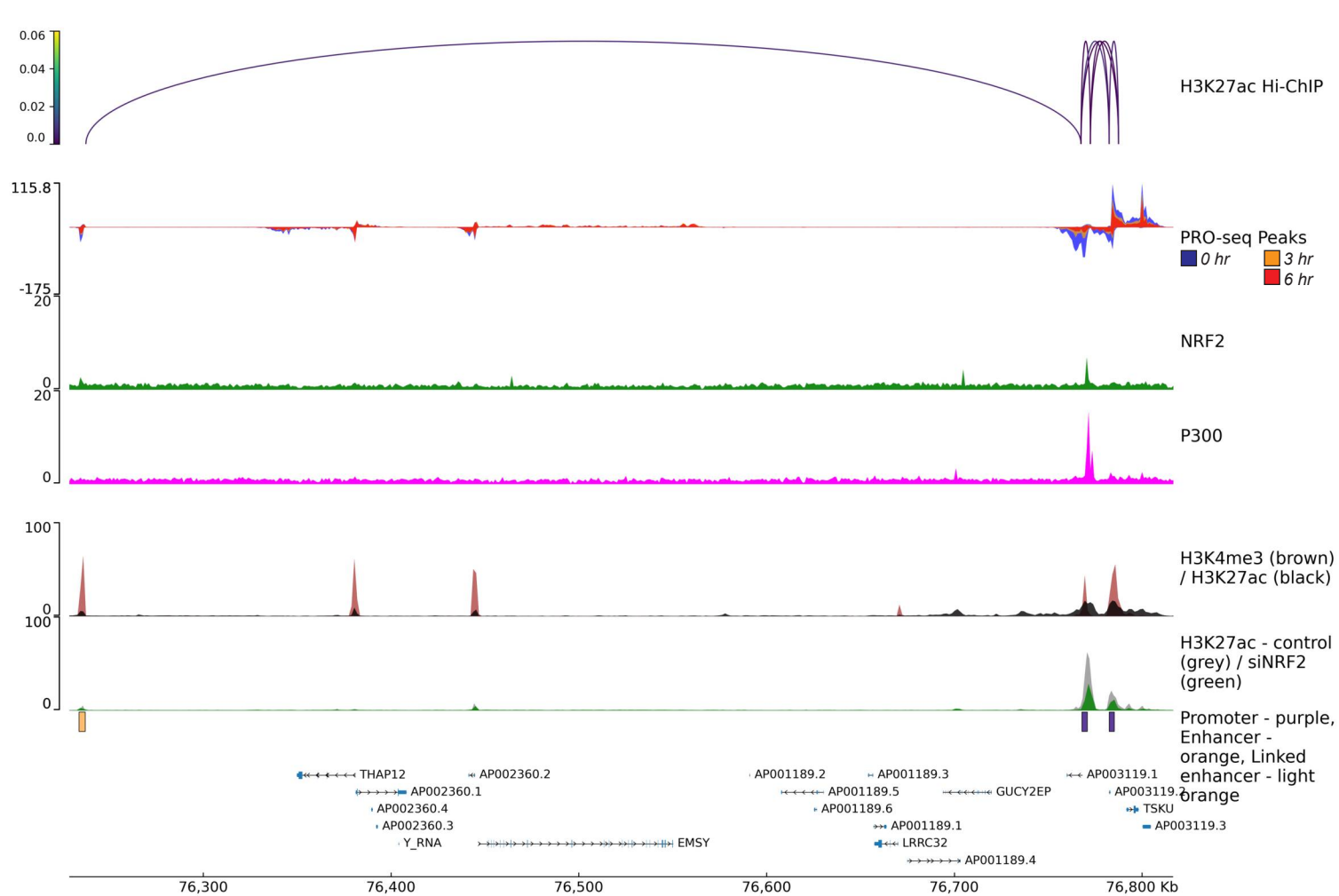


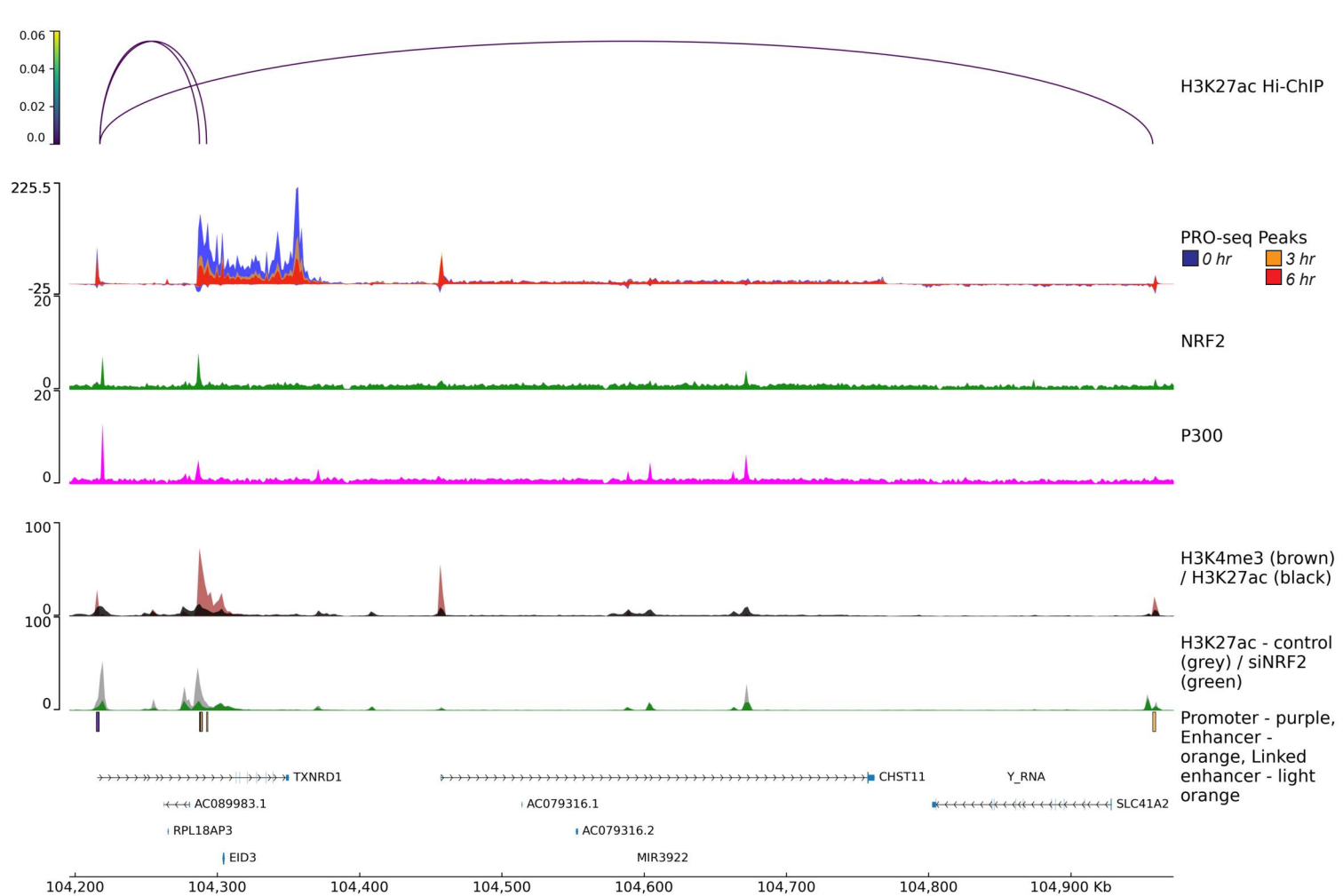


TALDO1

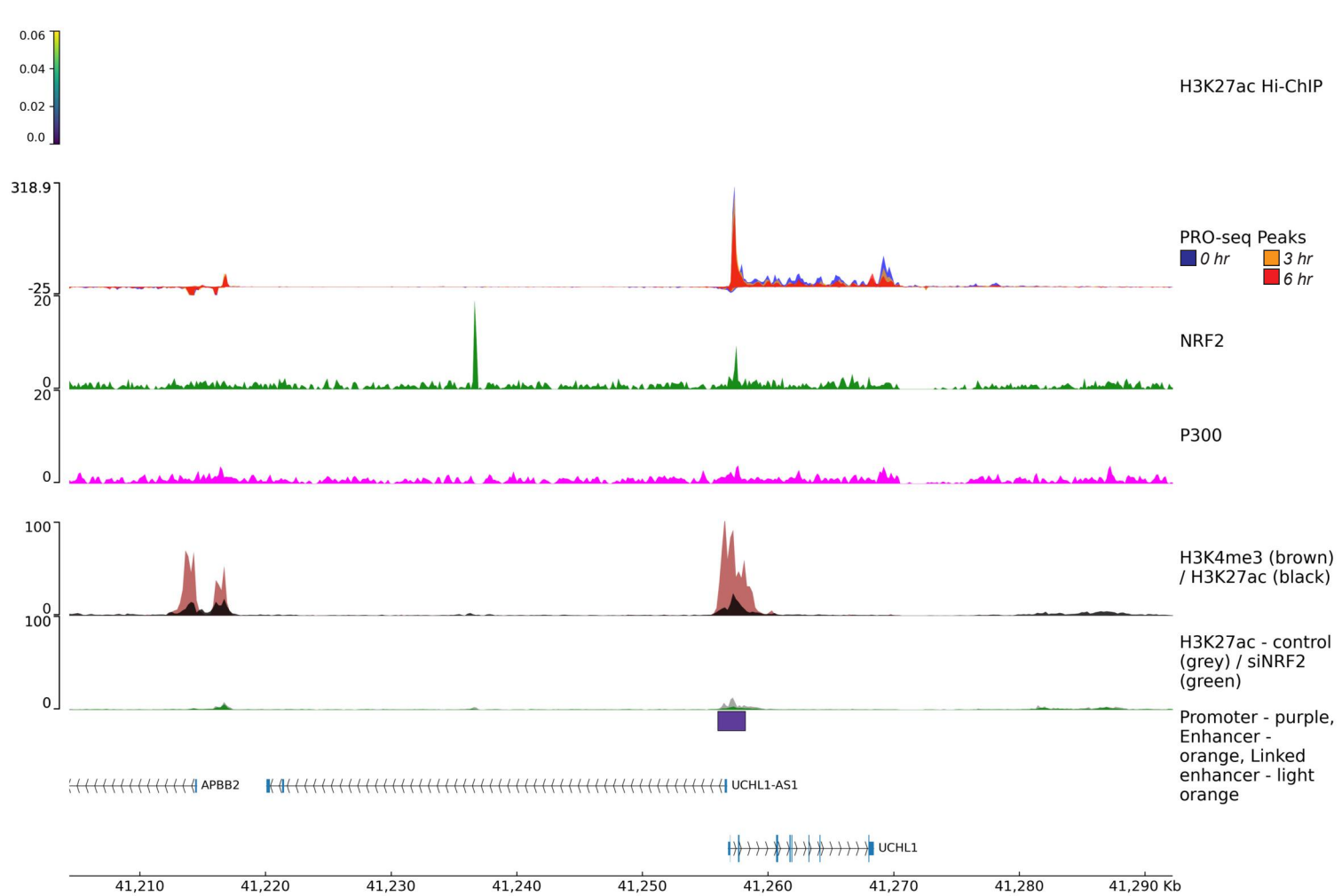


TRIM16



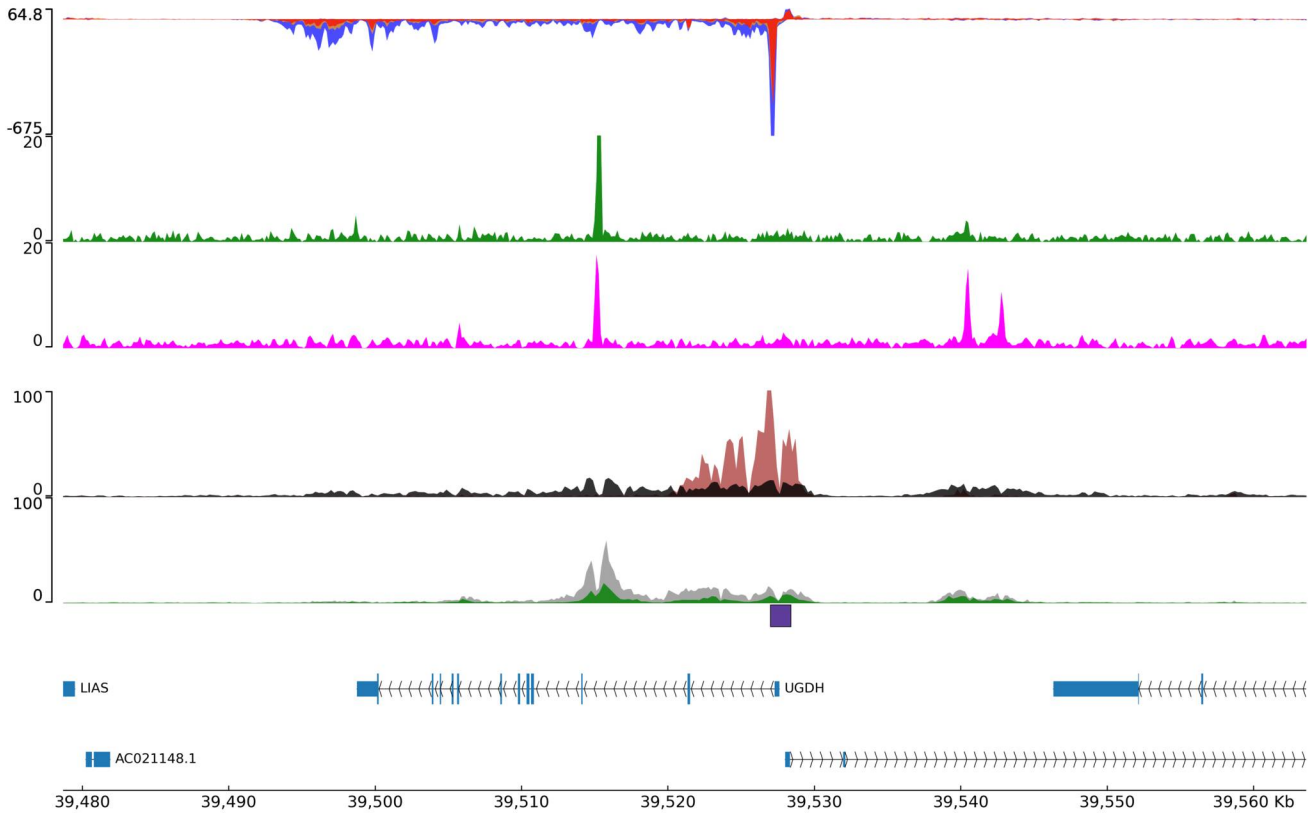
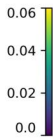


TXNRD1



UCHL1

H3K27ac Hi-ChIP



PRO-seq Peaks
0 hr 3 hr 6 hr

NRF2

P300

H3K4me3 (brown)
/ H3K27ac (black)

H3K27ac - control
(grey) / siNRF2
(green)

Promoter - purple,
Enhancer - orange,
Linked enhancer - light orange

UGDH

