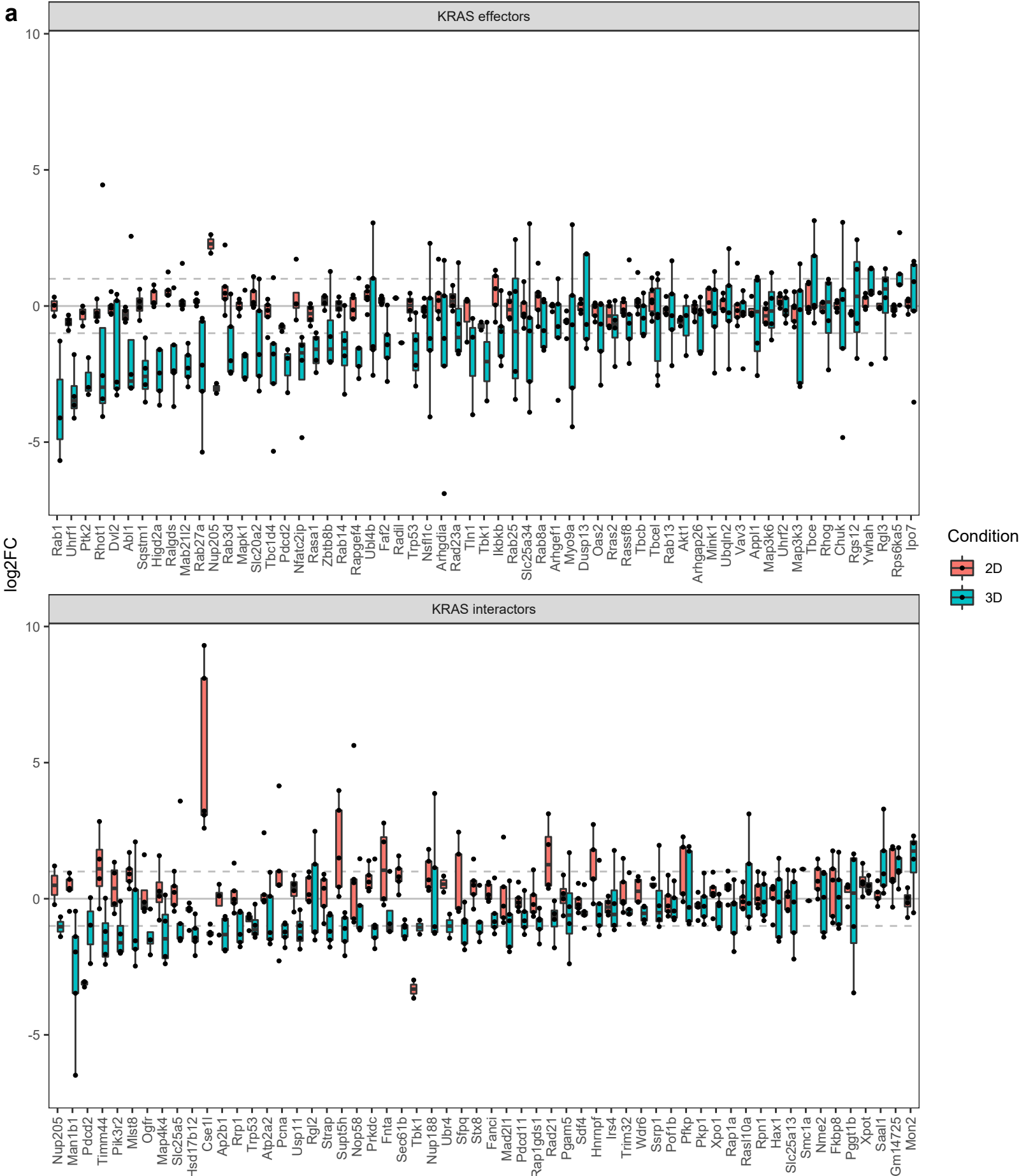
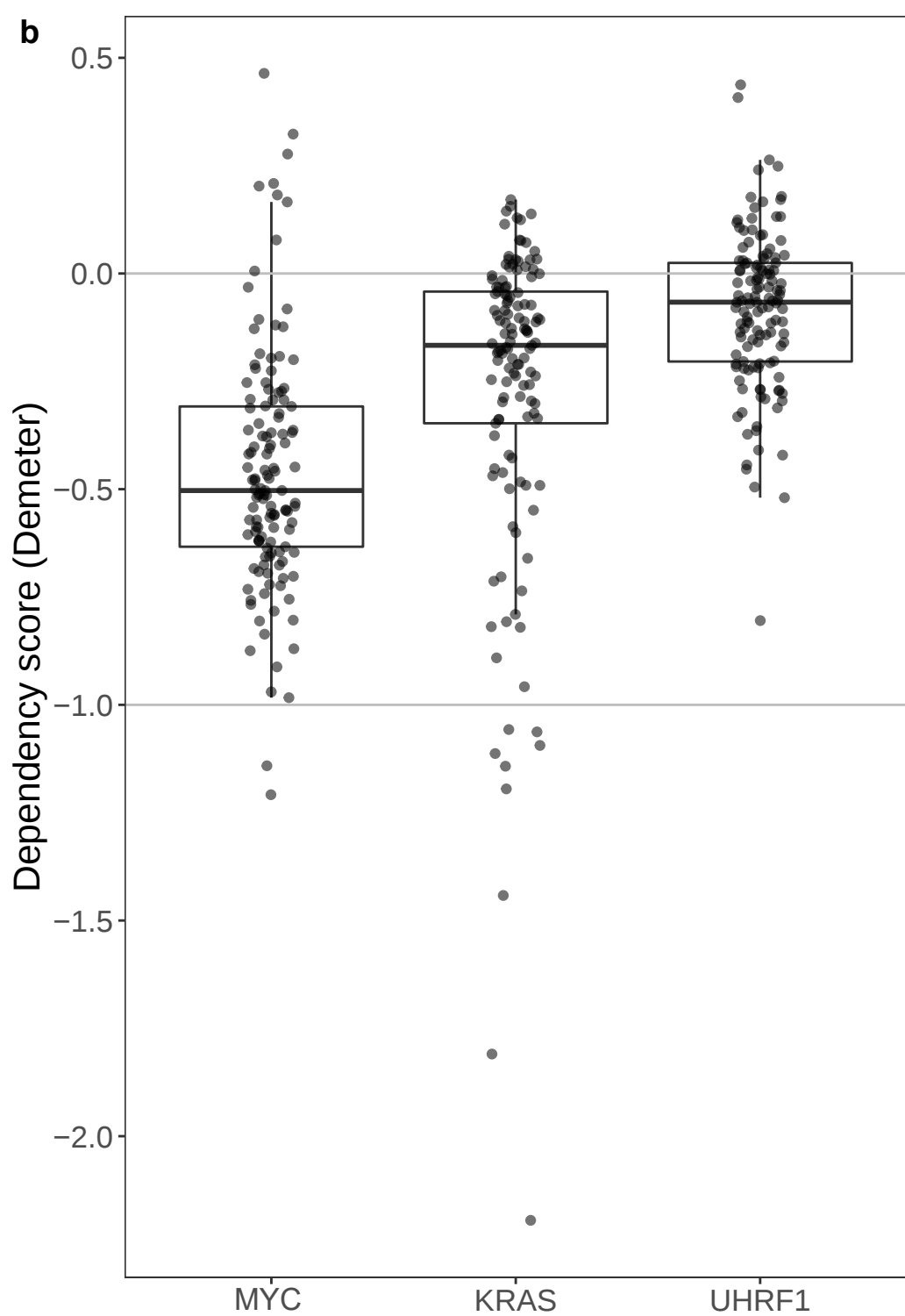


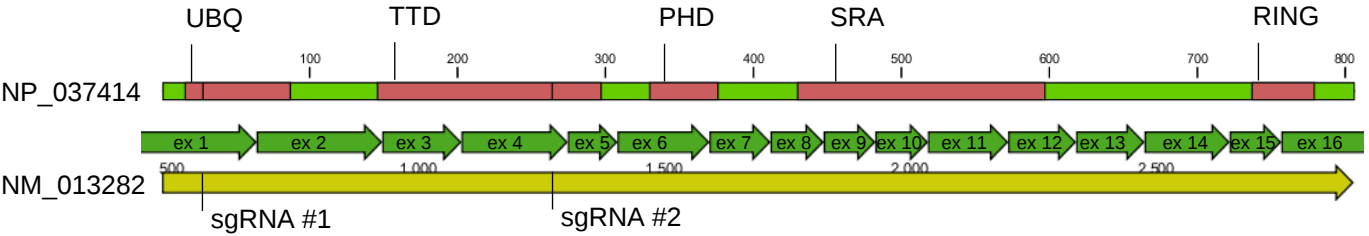
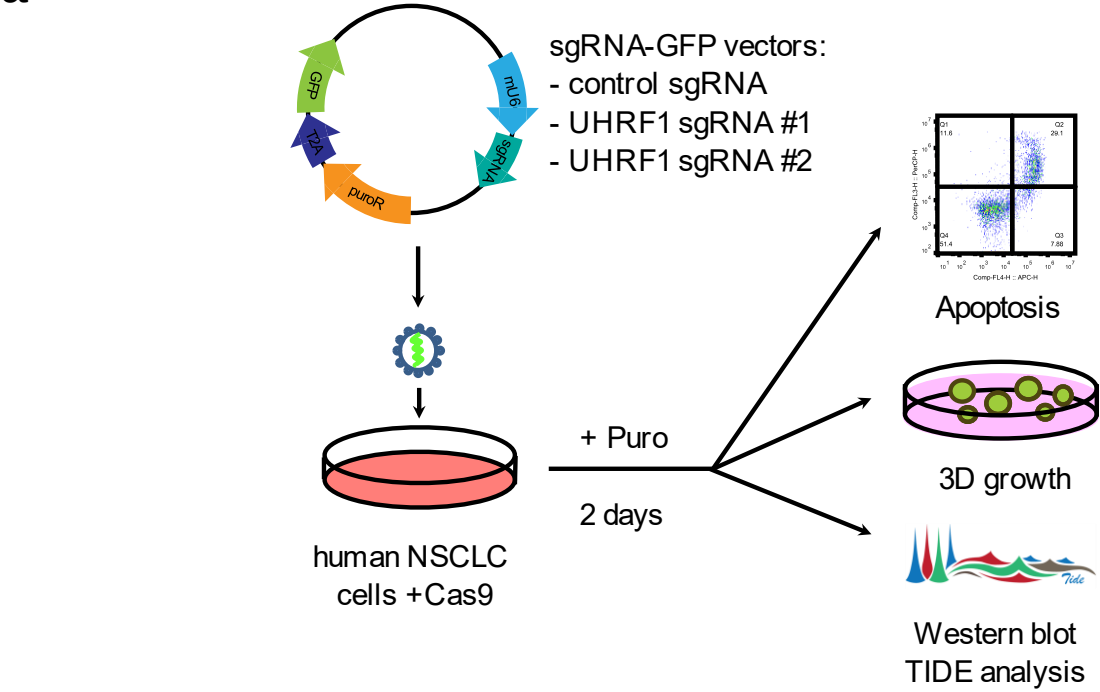
a

Extended Data Fig. 1

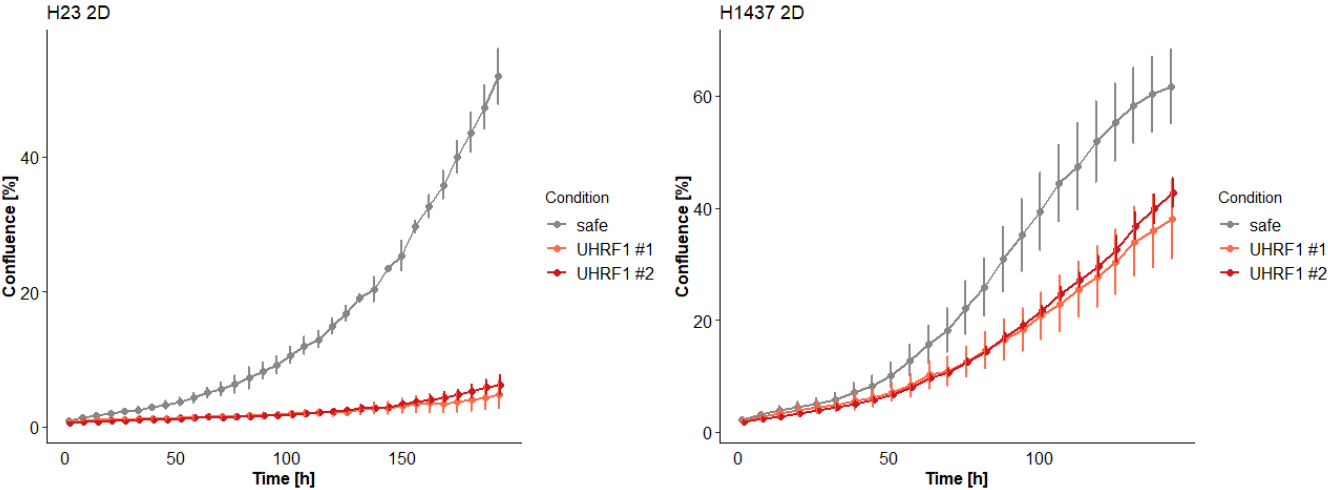


Extended Data Fig. 1

a



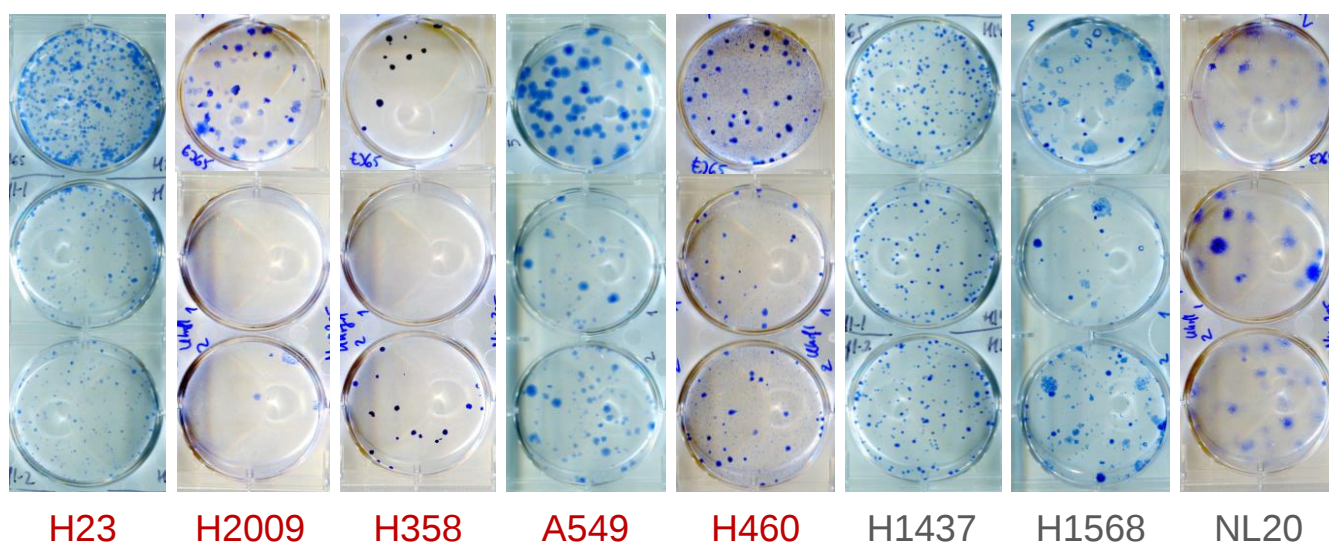
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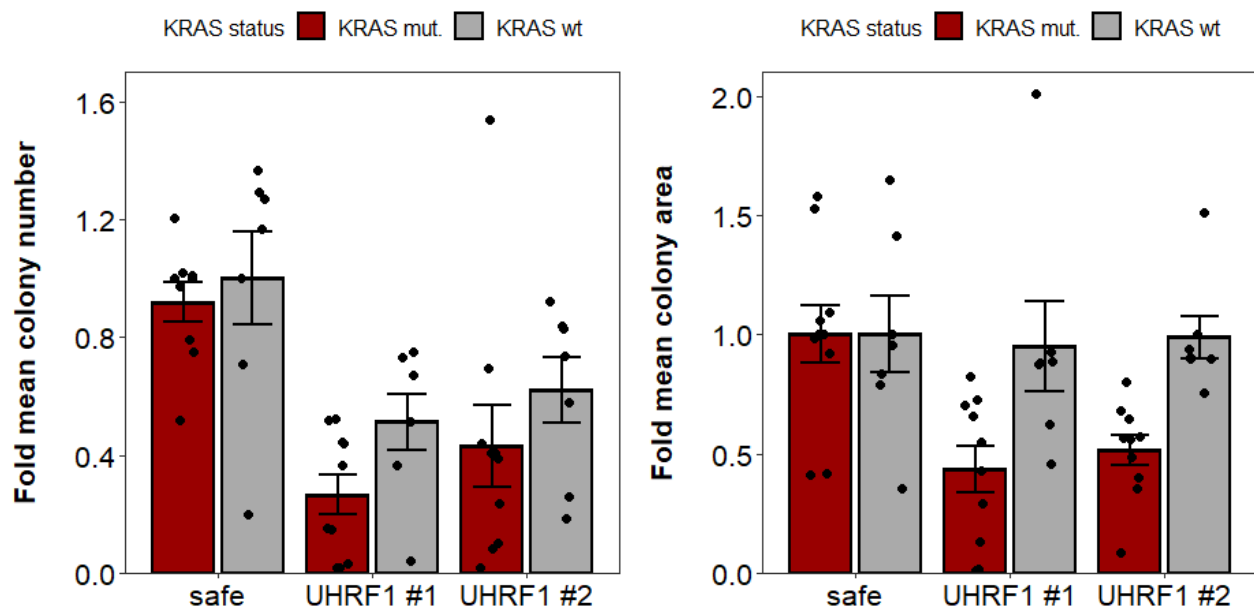
Extended Data Fig. 2

c

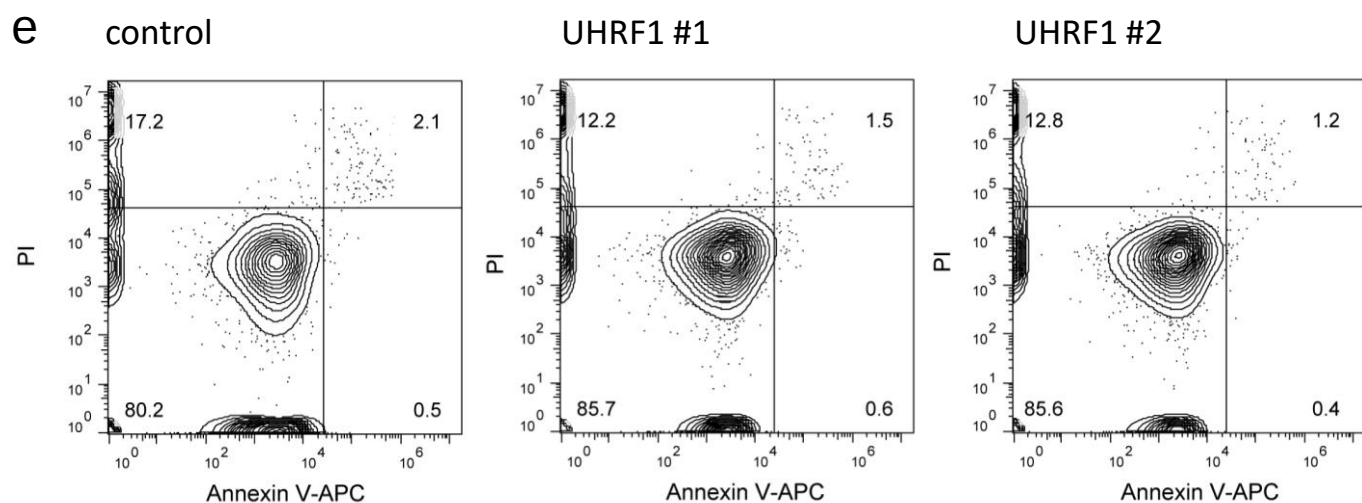
safe
sgUHRF1 #1
sgUHRF1 #2

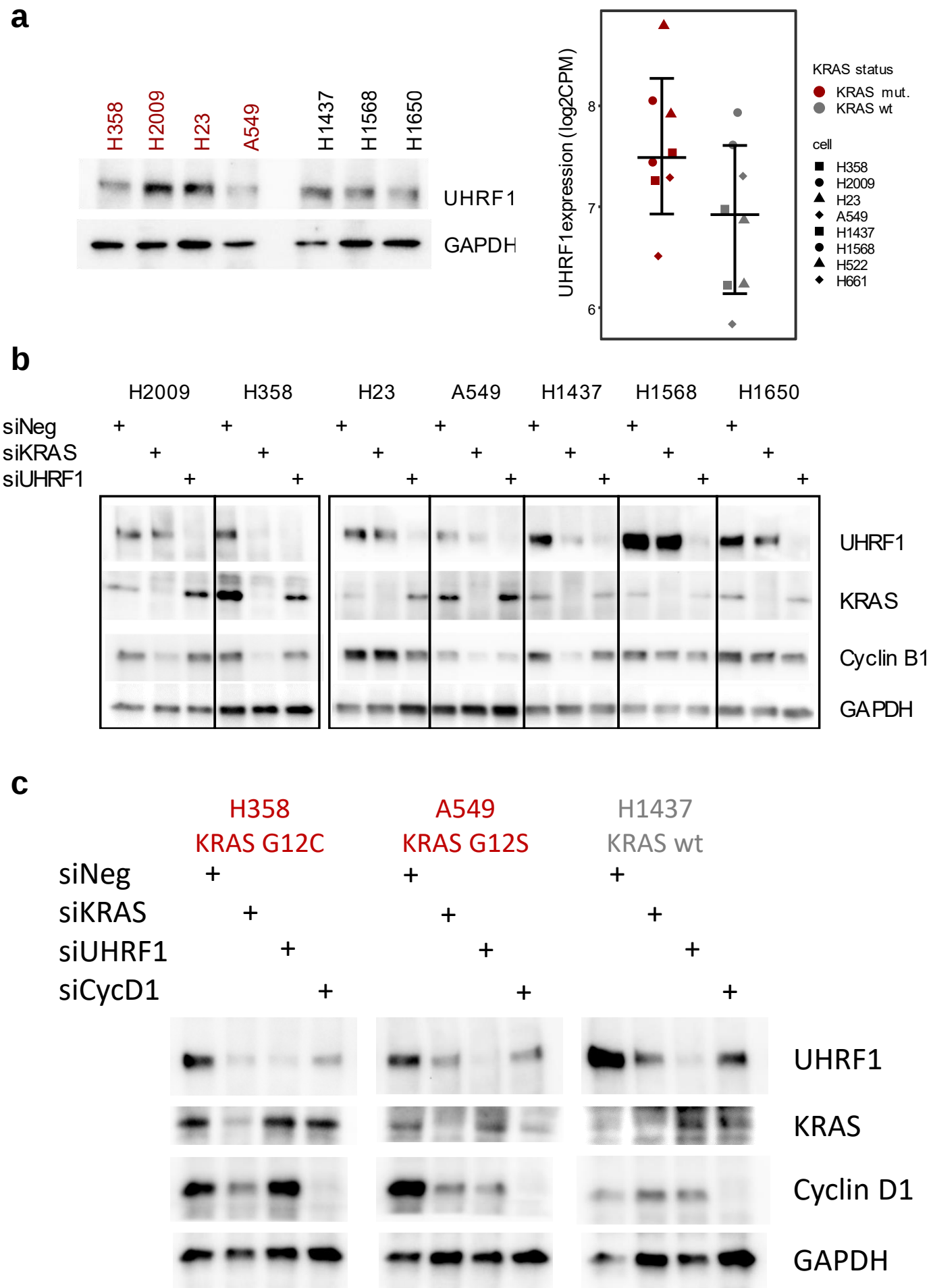


d

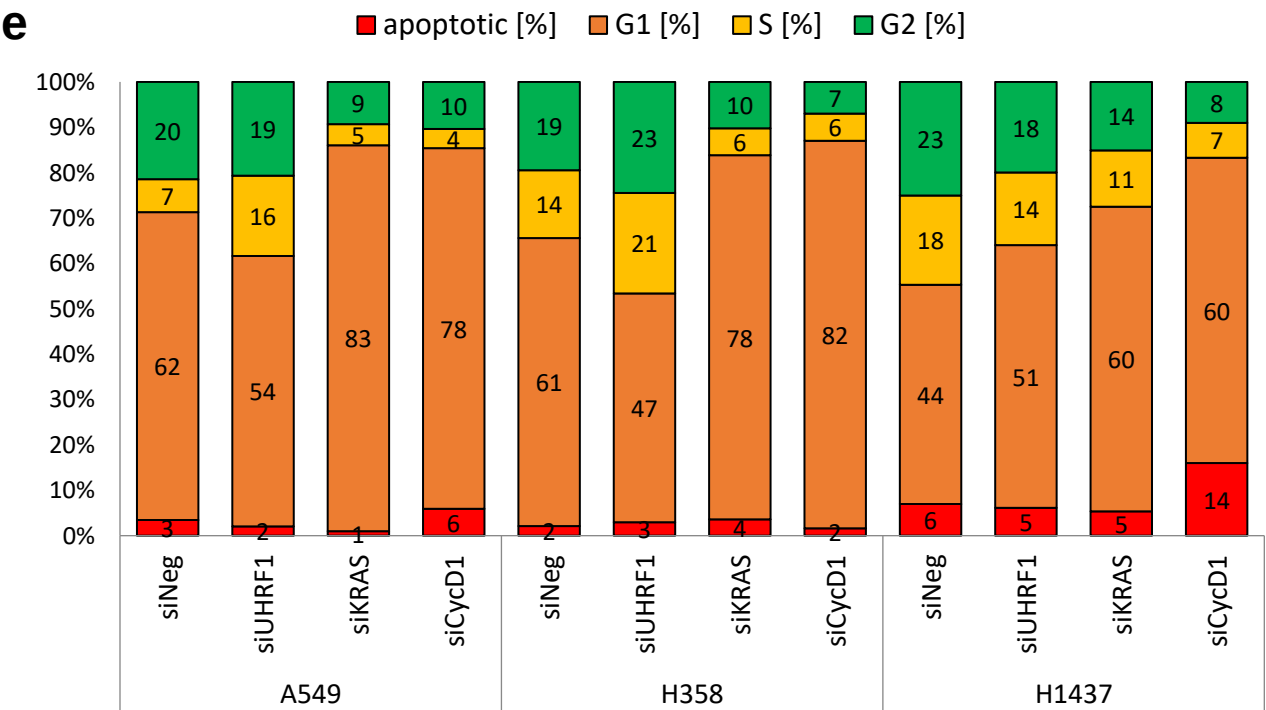
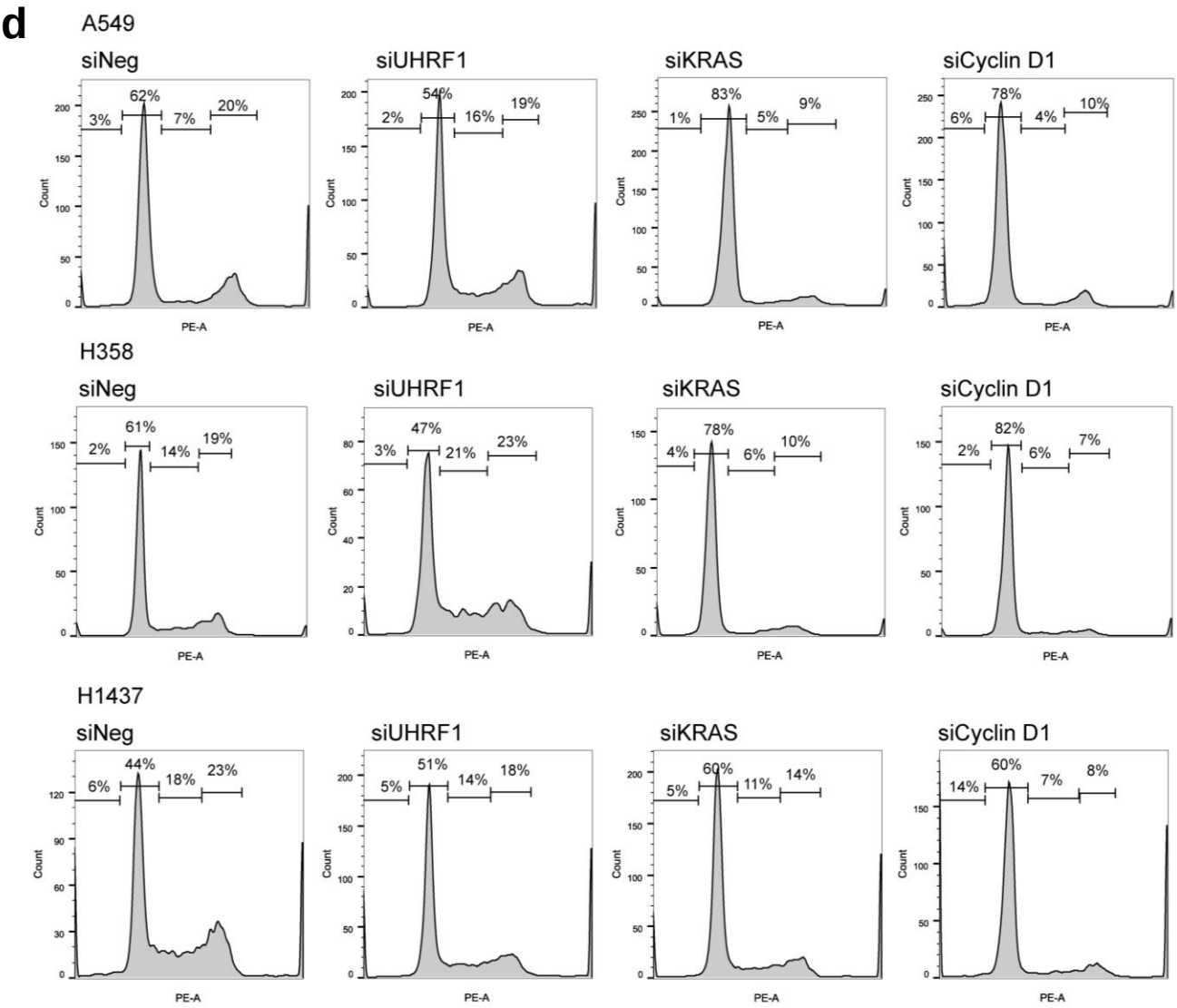


e

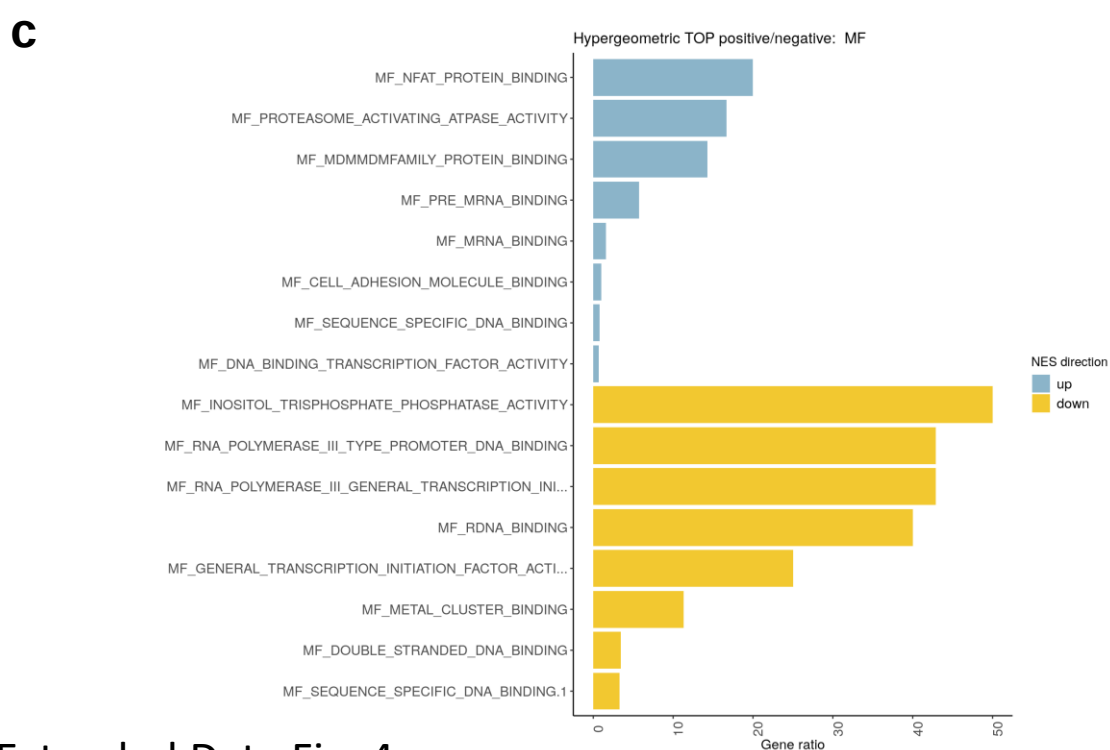
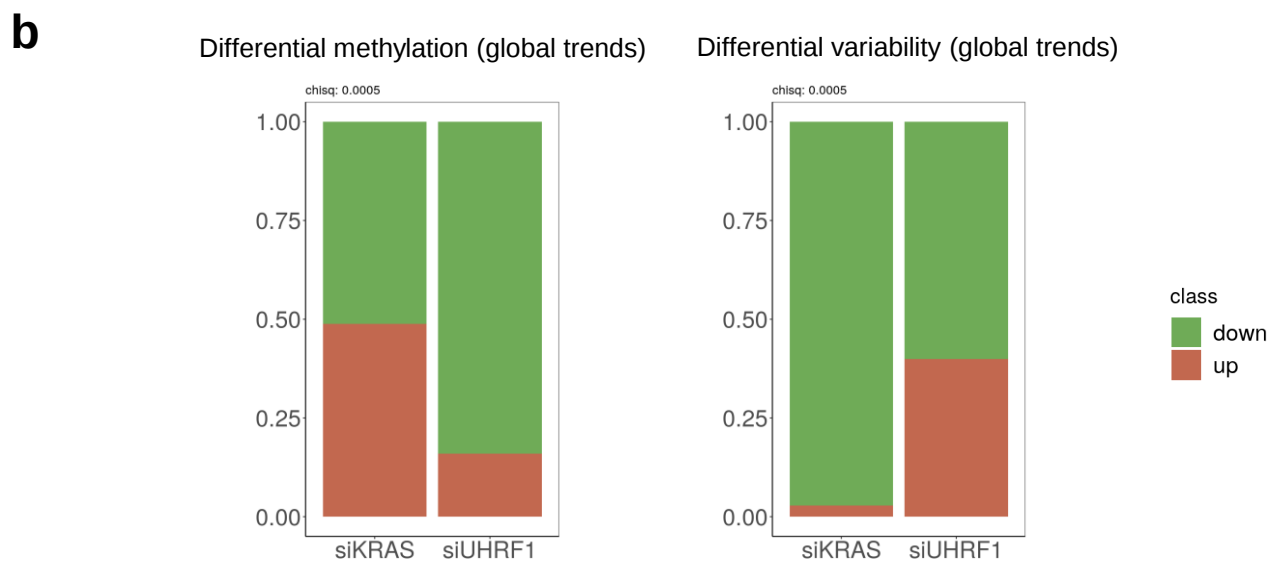
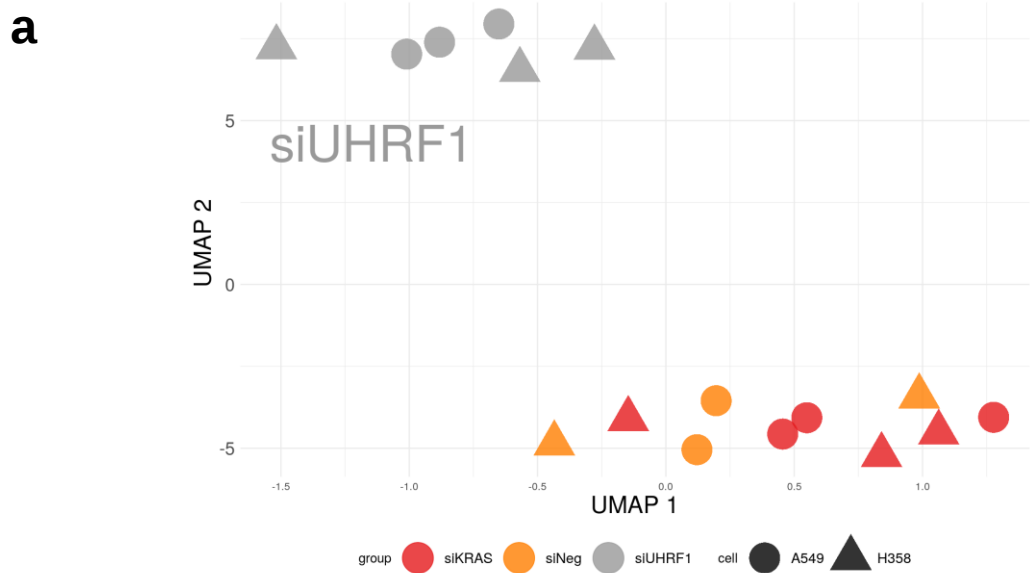




Extended Data Fig. 3

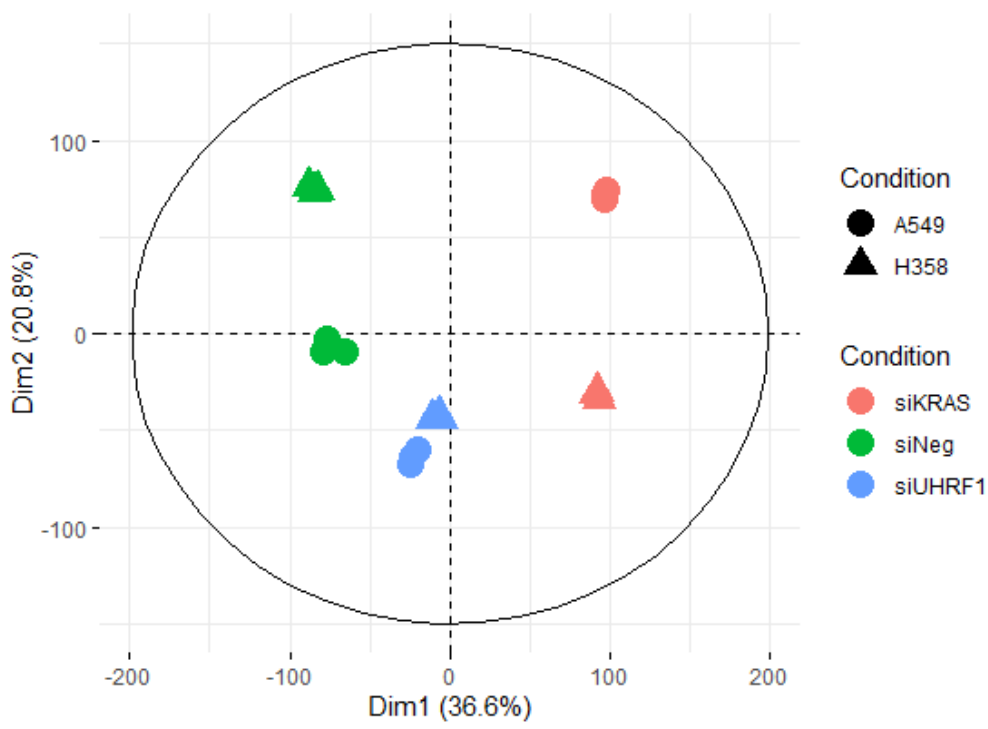


Extended Data Fig. 3

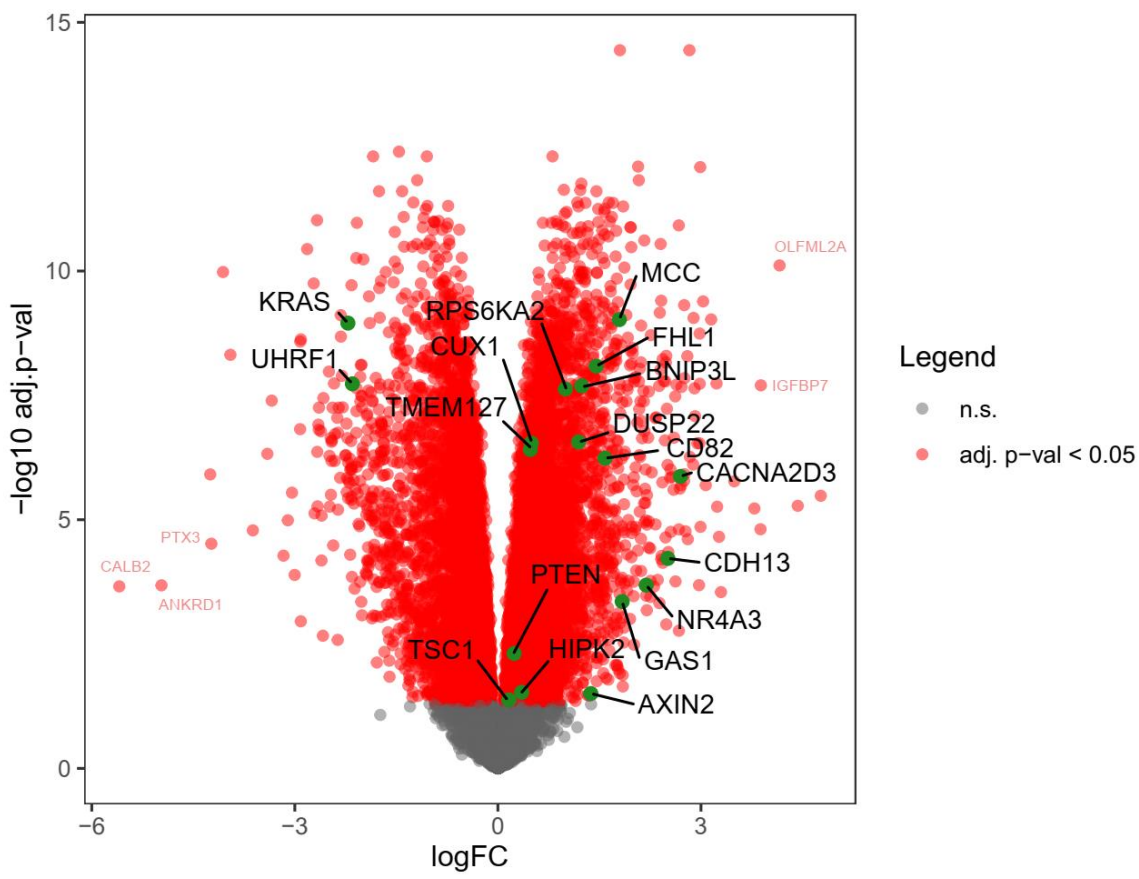


Extended Data Fig. 4

d

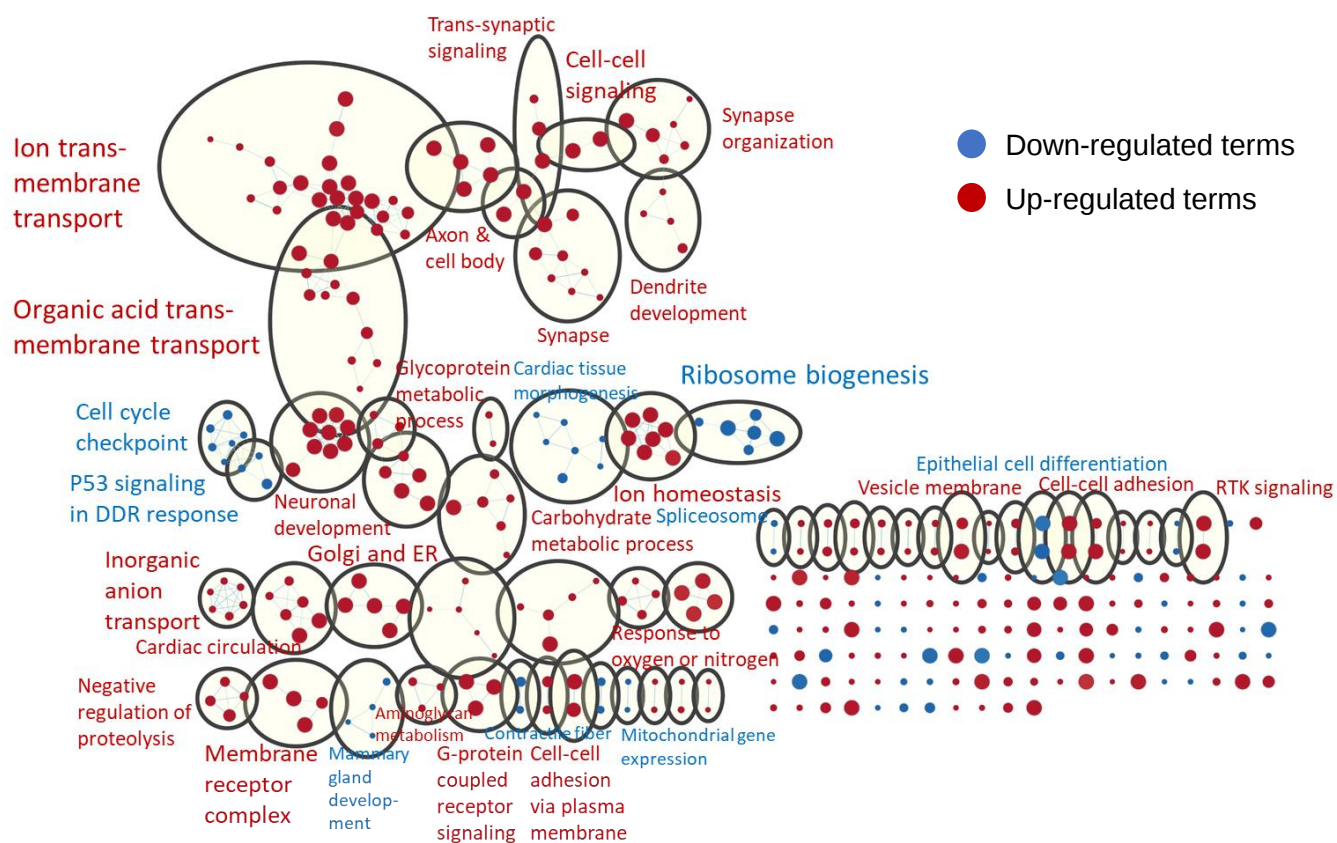


e

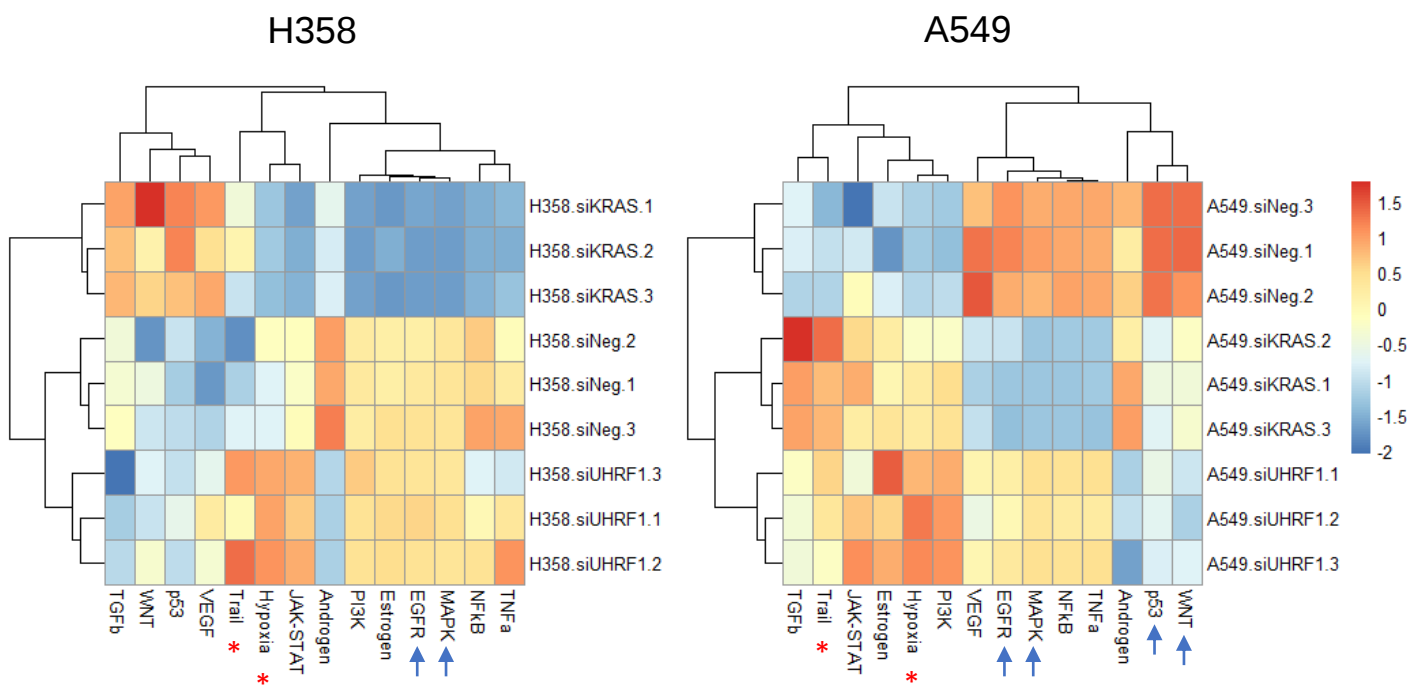


Extended Data Fig. 4

f

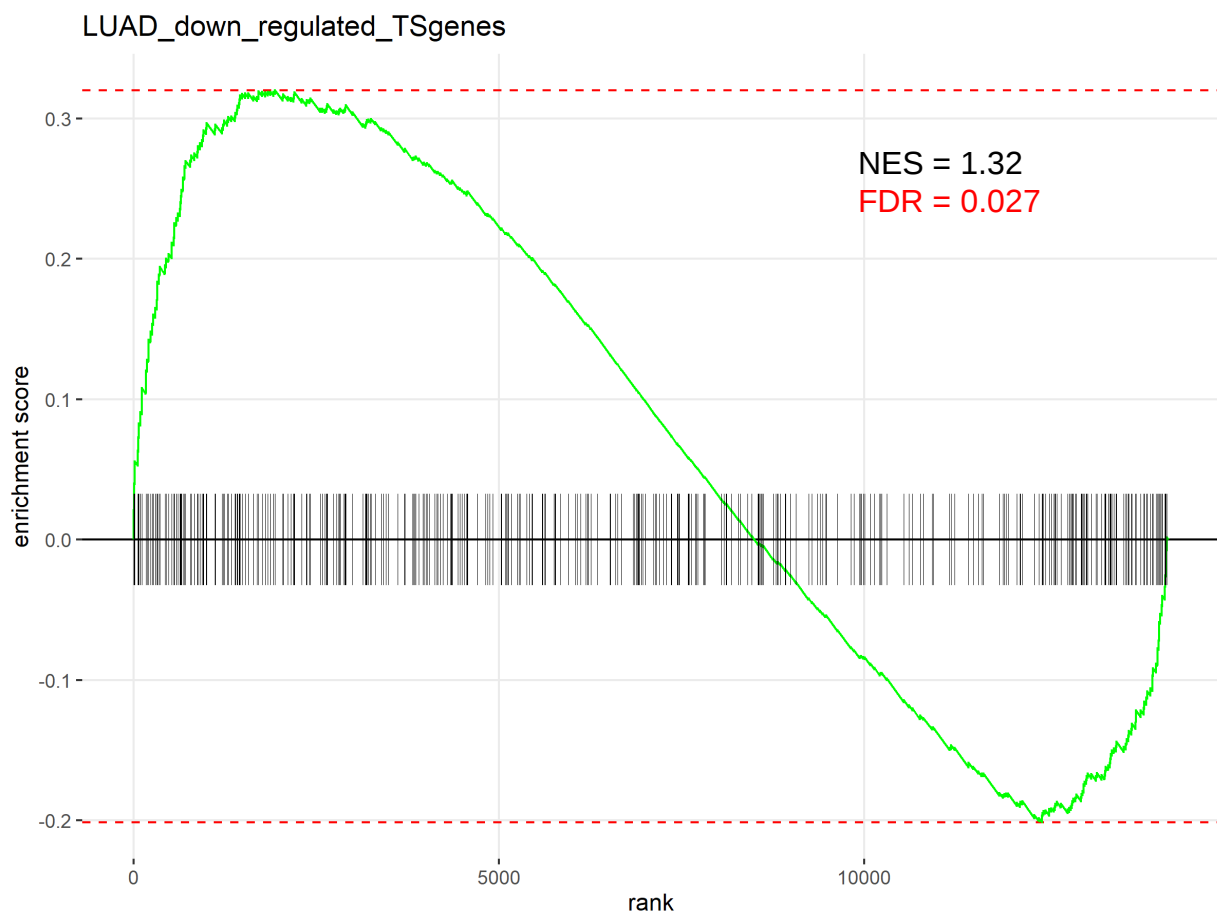


g

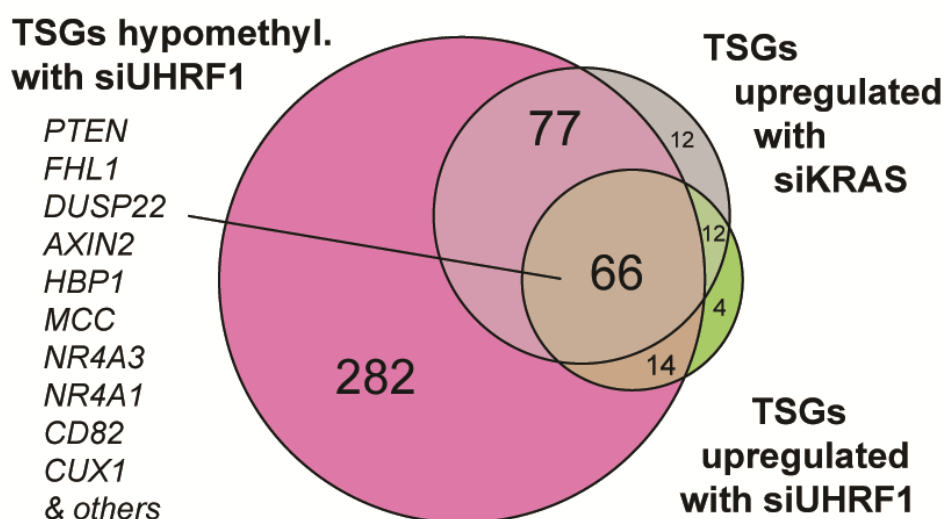


Extended Data Fig. 4

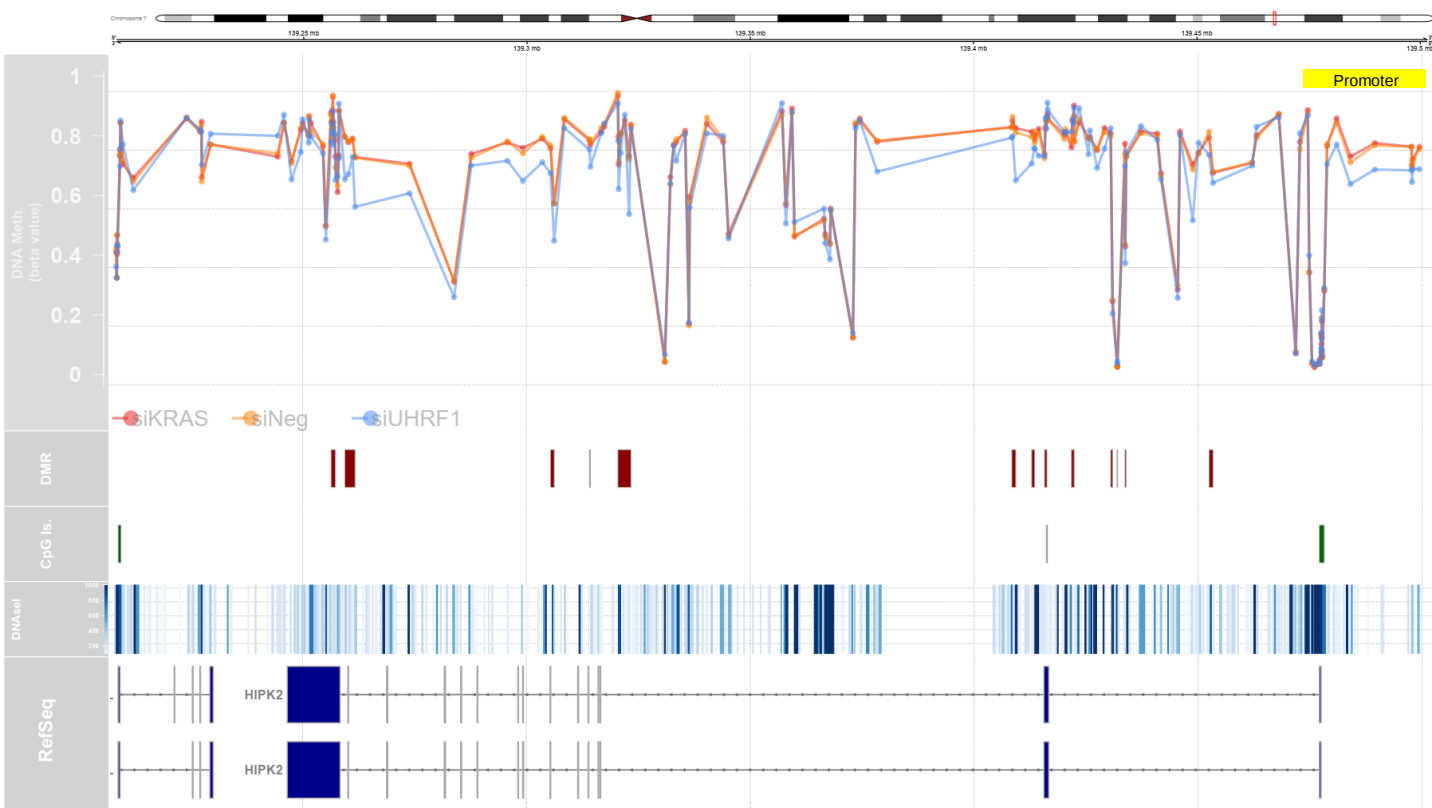
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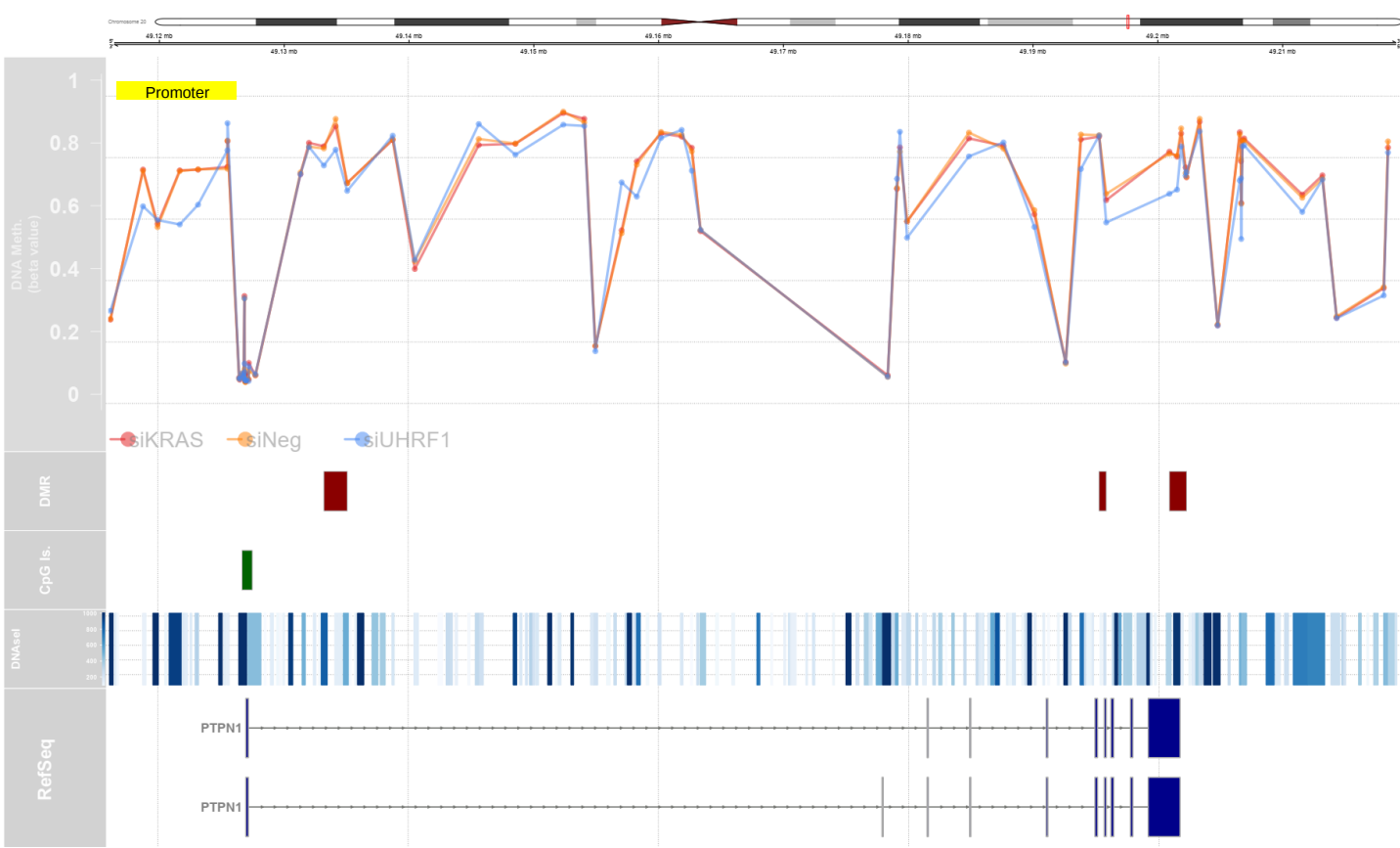
i



j HIPK2

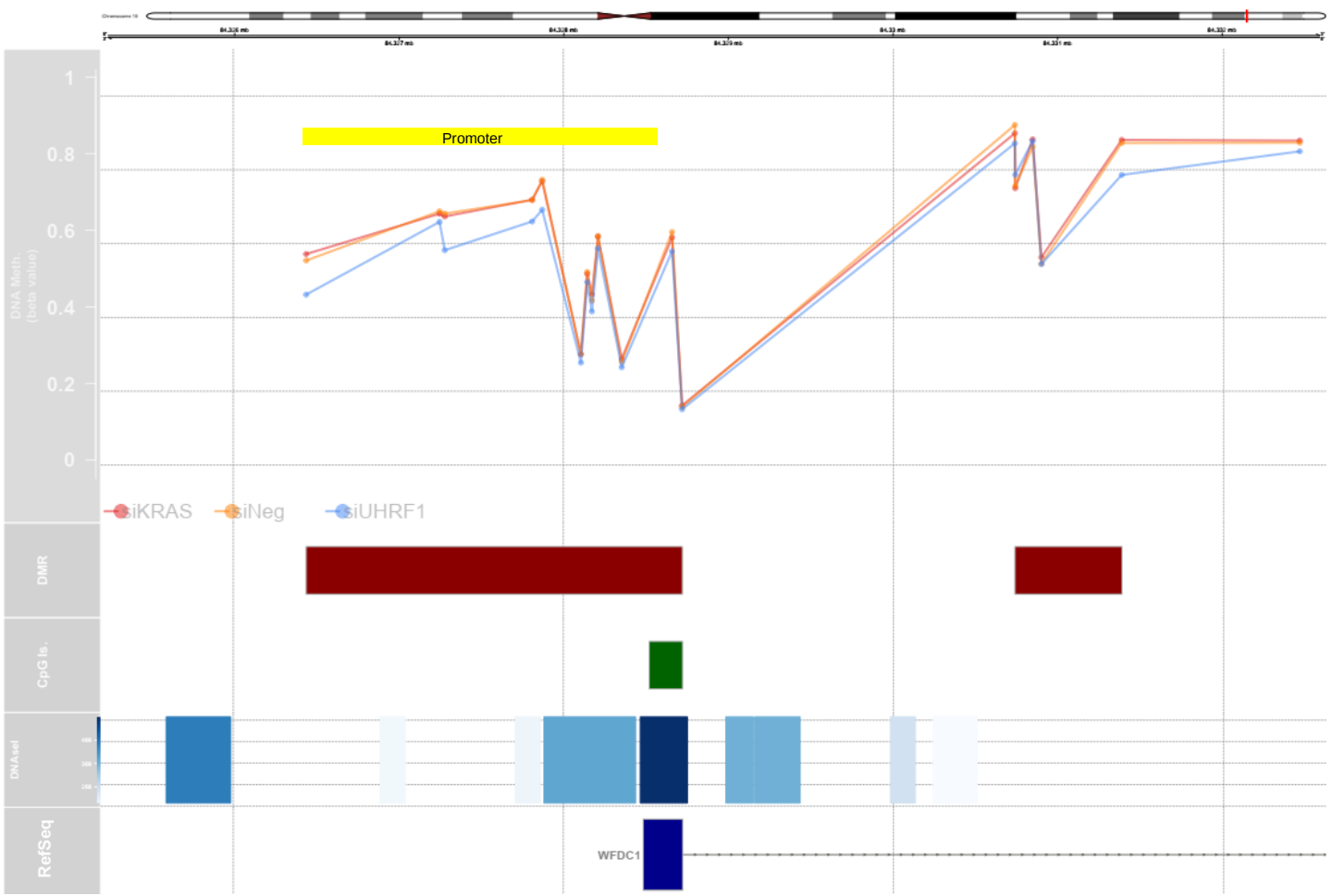


PTPN1

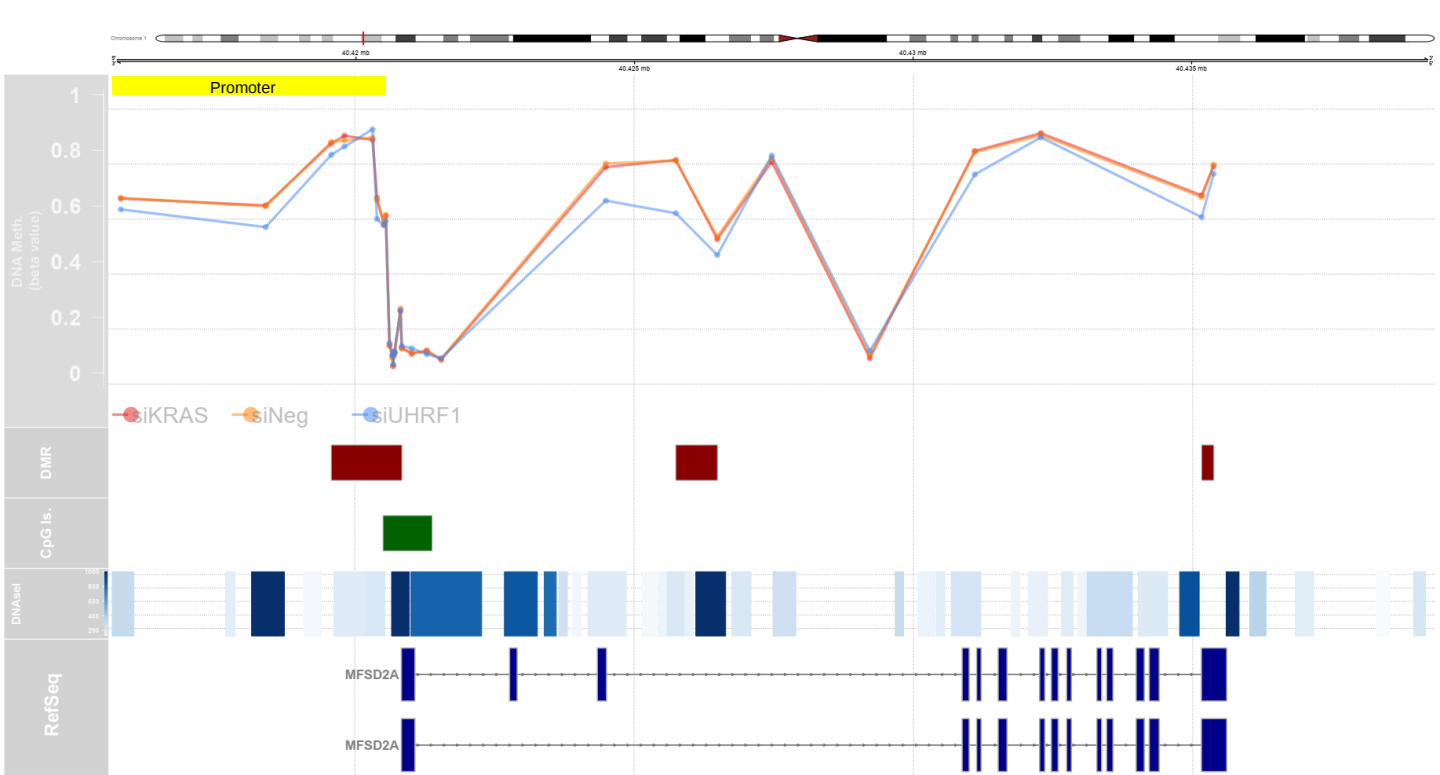


Extended Data Fig. 4

WFDC1

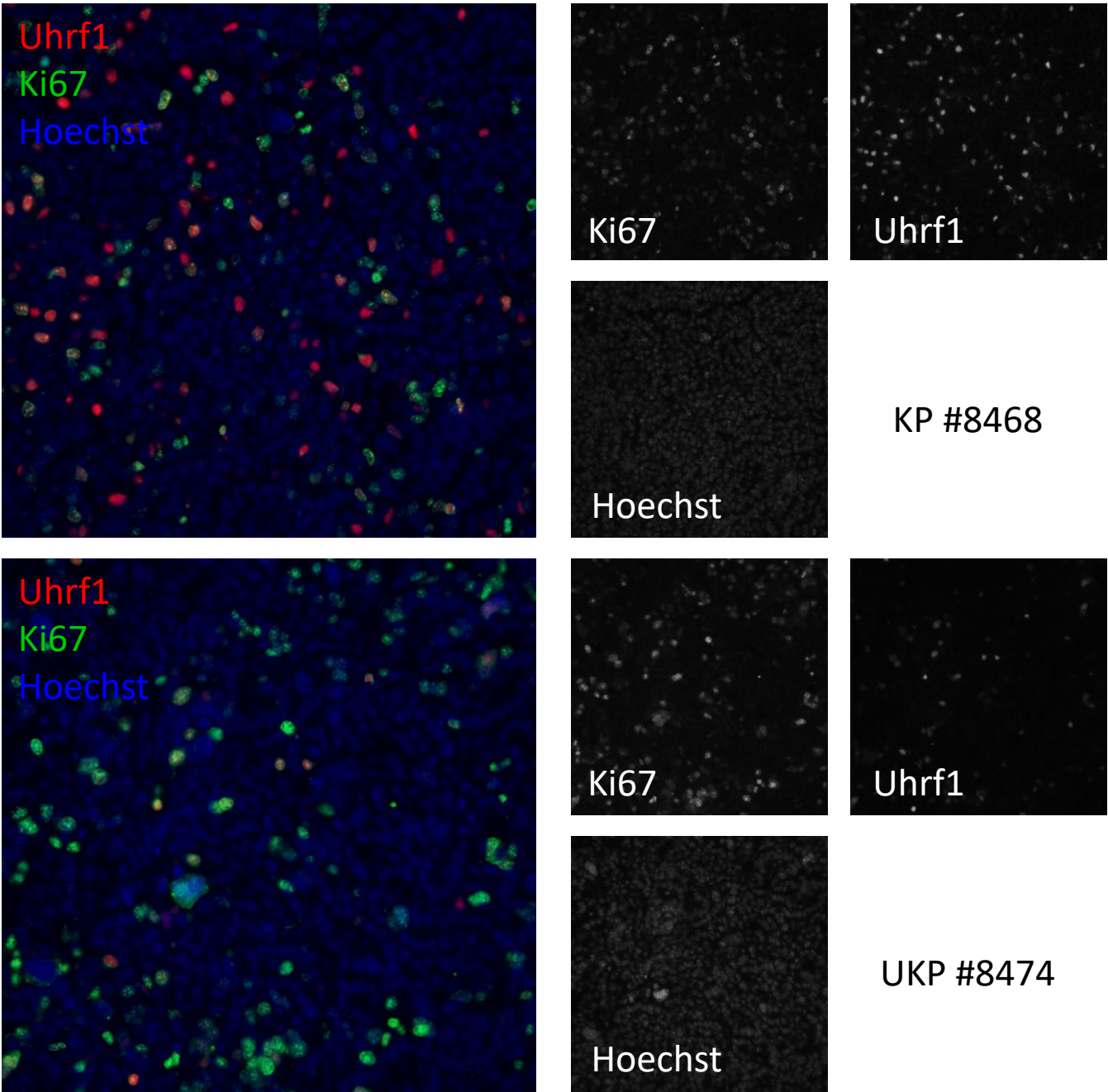


MFSD2A

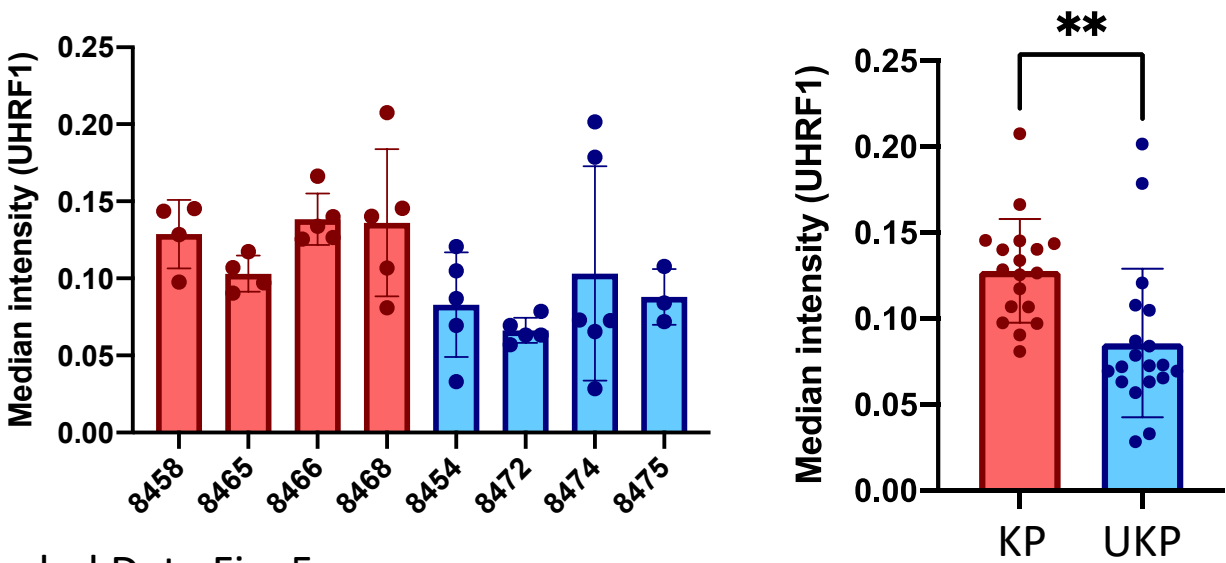


Extended Data Fig. 4

a

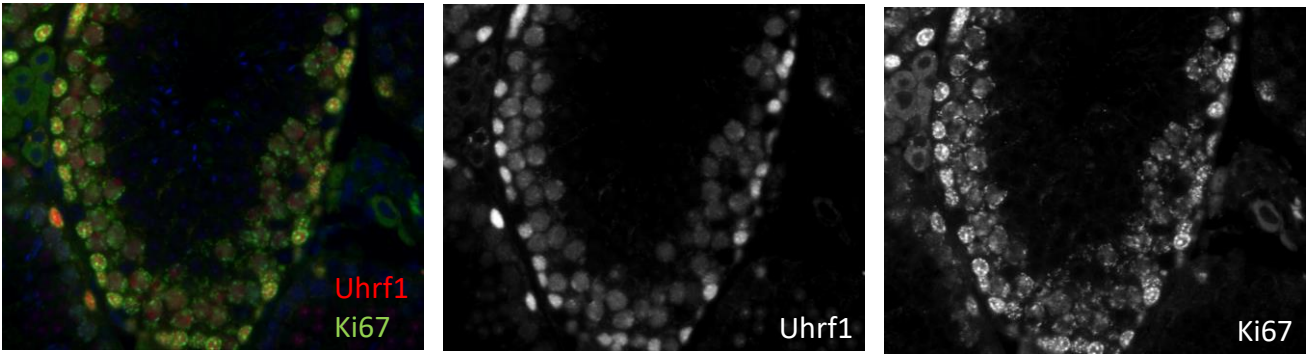


b

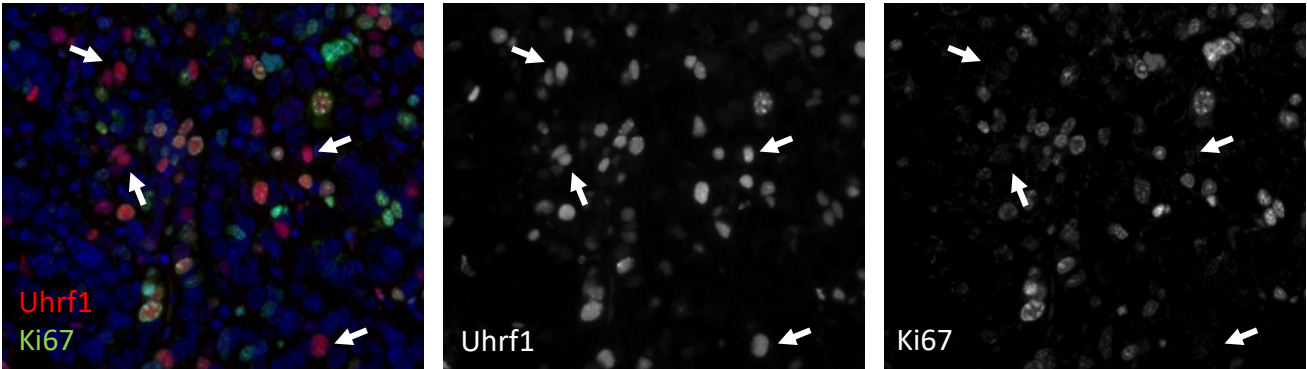


Extended Data Fig. 5

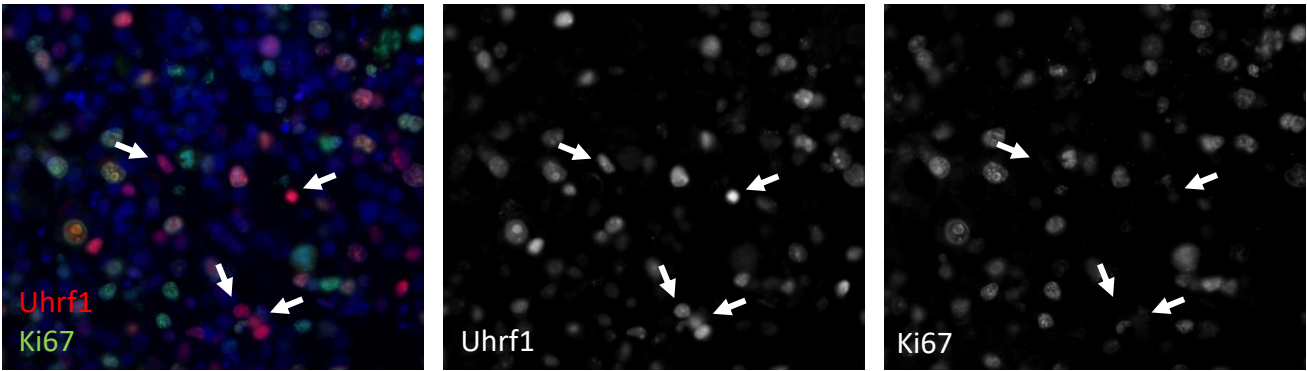
C KP mouse testis

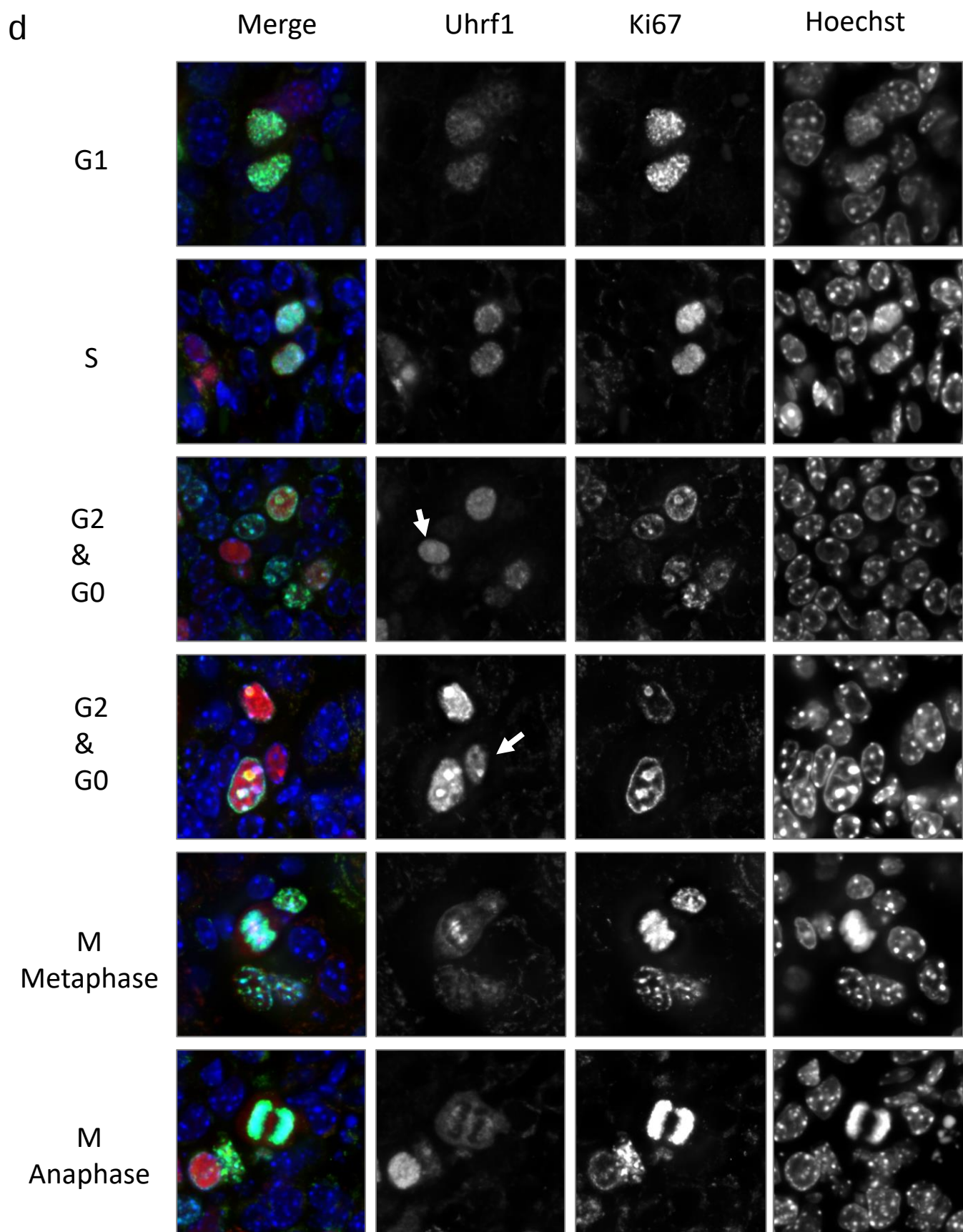


KP mouse tumor



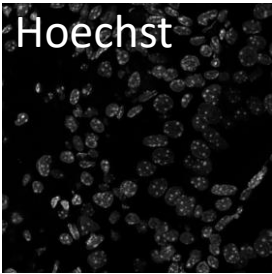
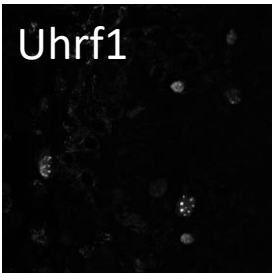
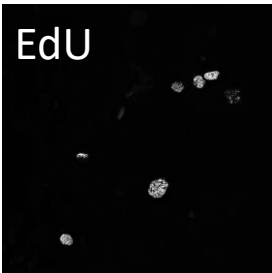
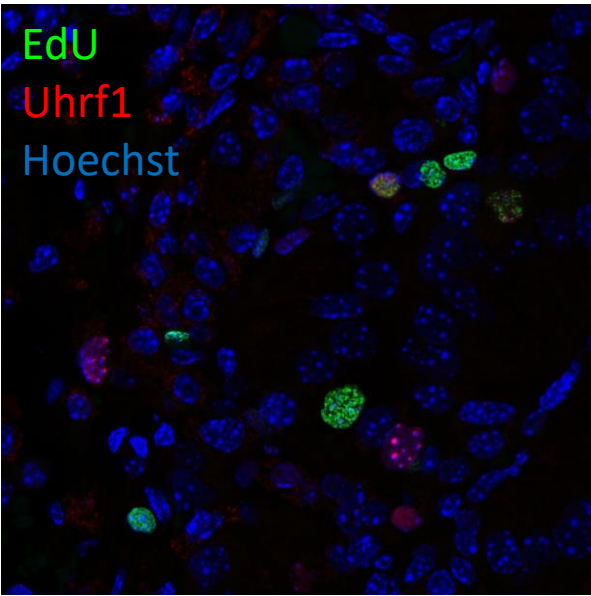
Human lung cancer PDX (KRAS G12C TP53mut)



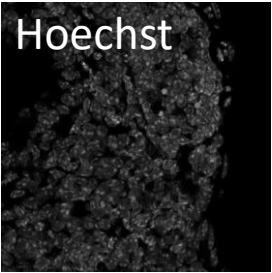
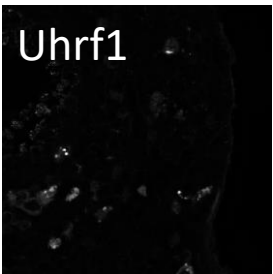
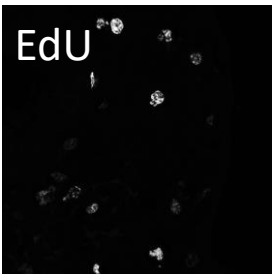
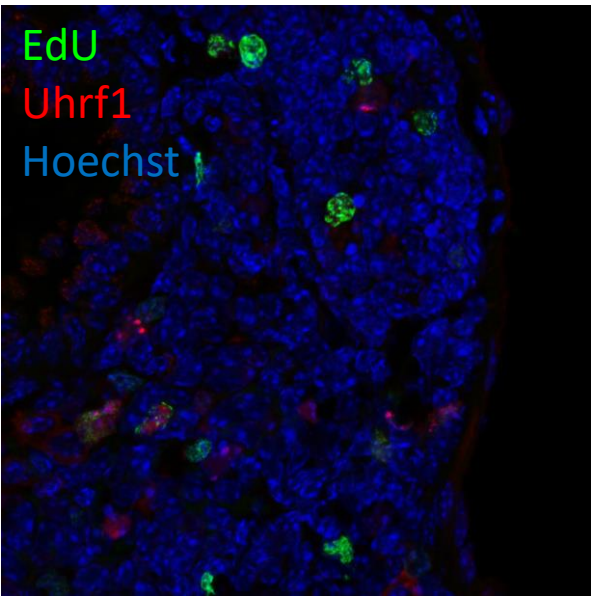


Extended Data Fig. 5

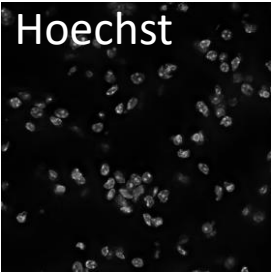
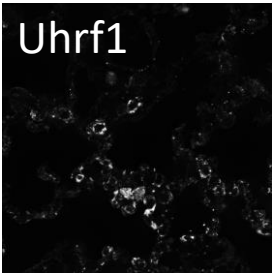
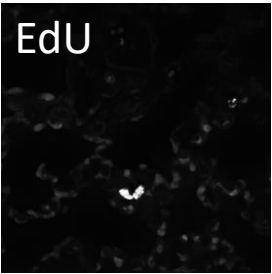
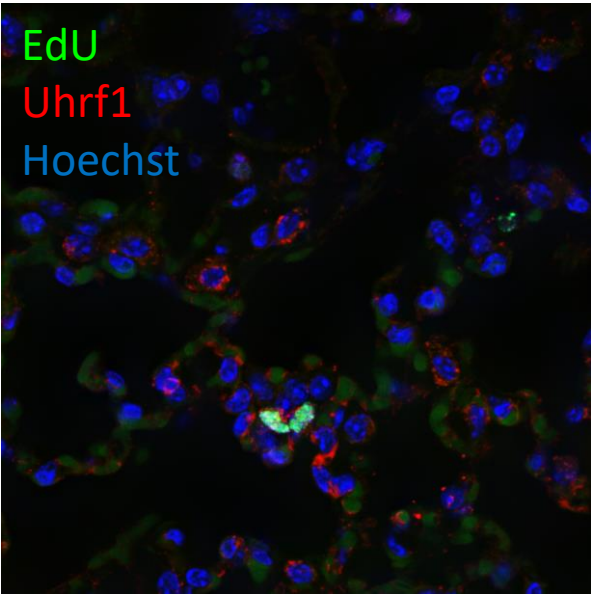
e



KP #8664



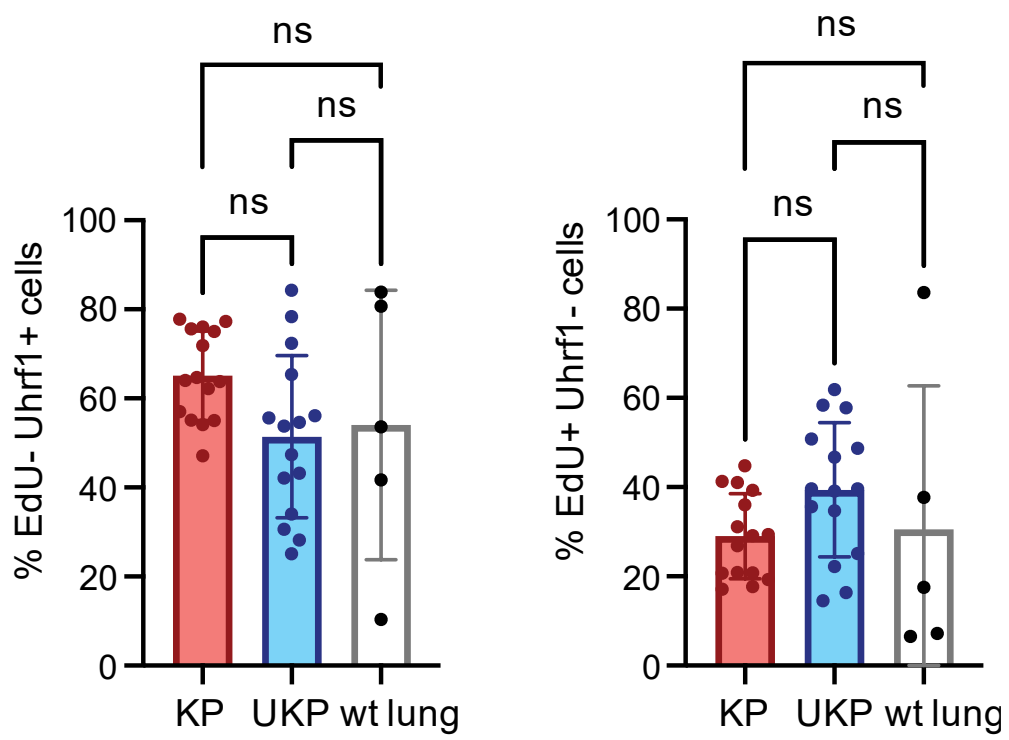
UKP #8676



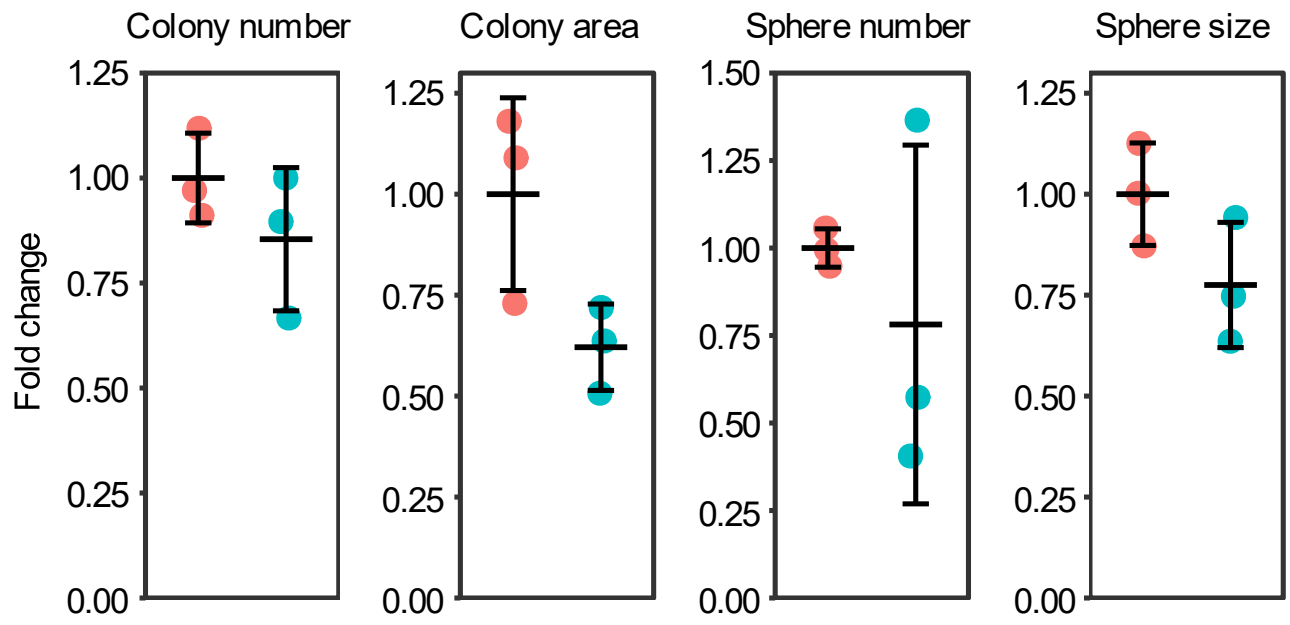
No virus

Extended Data Fig. 5

f

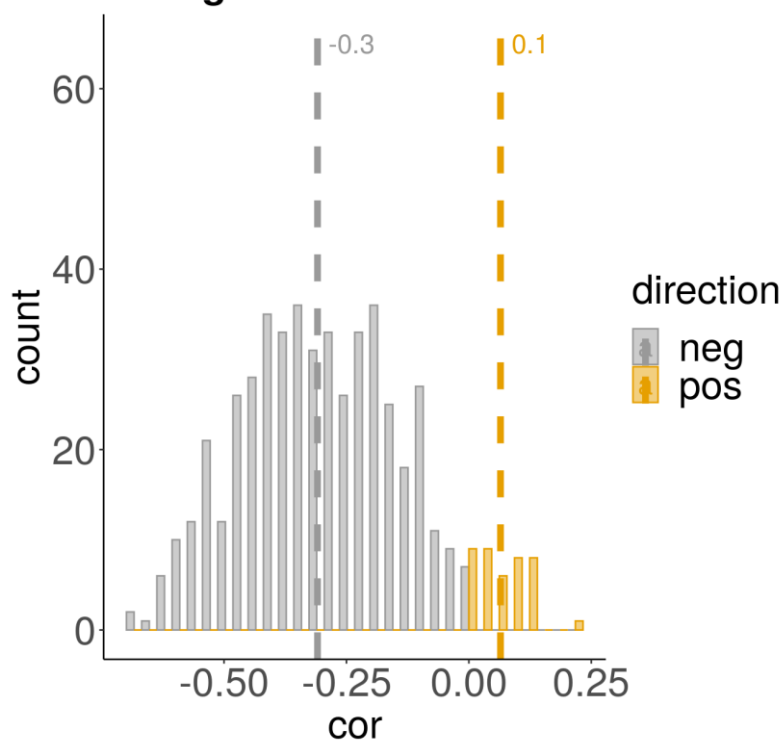


g



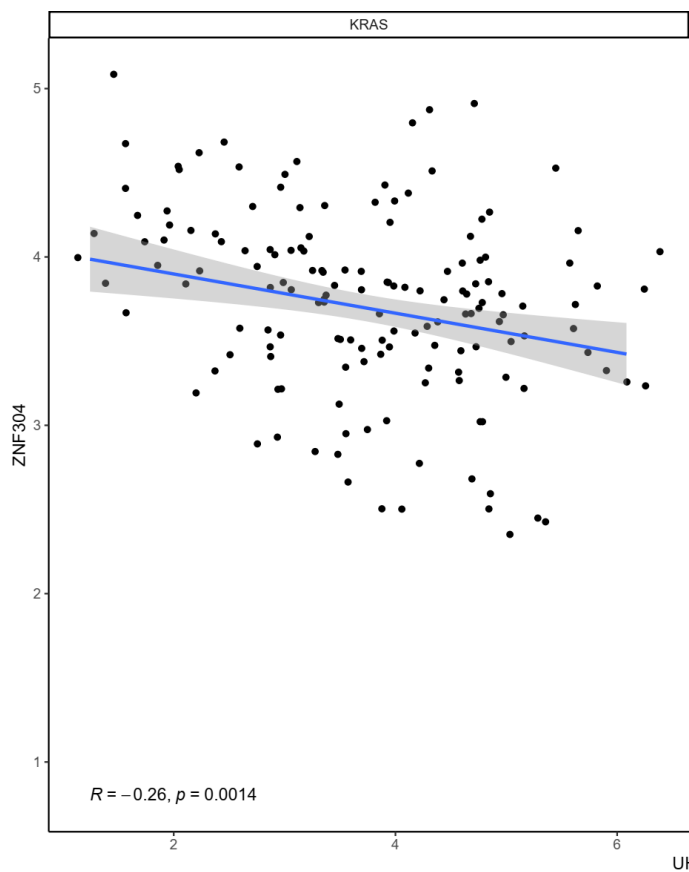
Extended Data Fig. 5

a Histogram UHRF1 correlation w/ TSG



b

KRAS mutant LUAD



KRAS wt LUAD

