

FIGURE S1

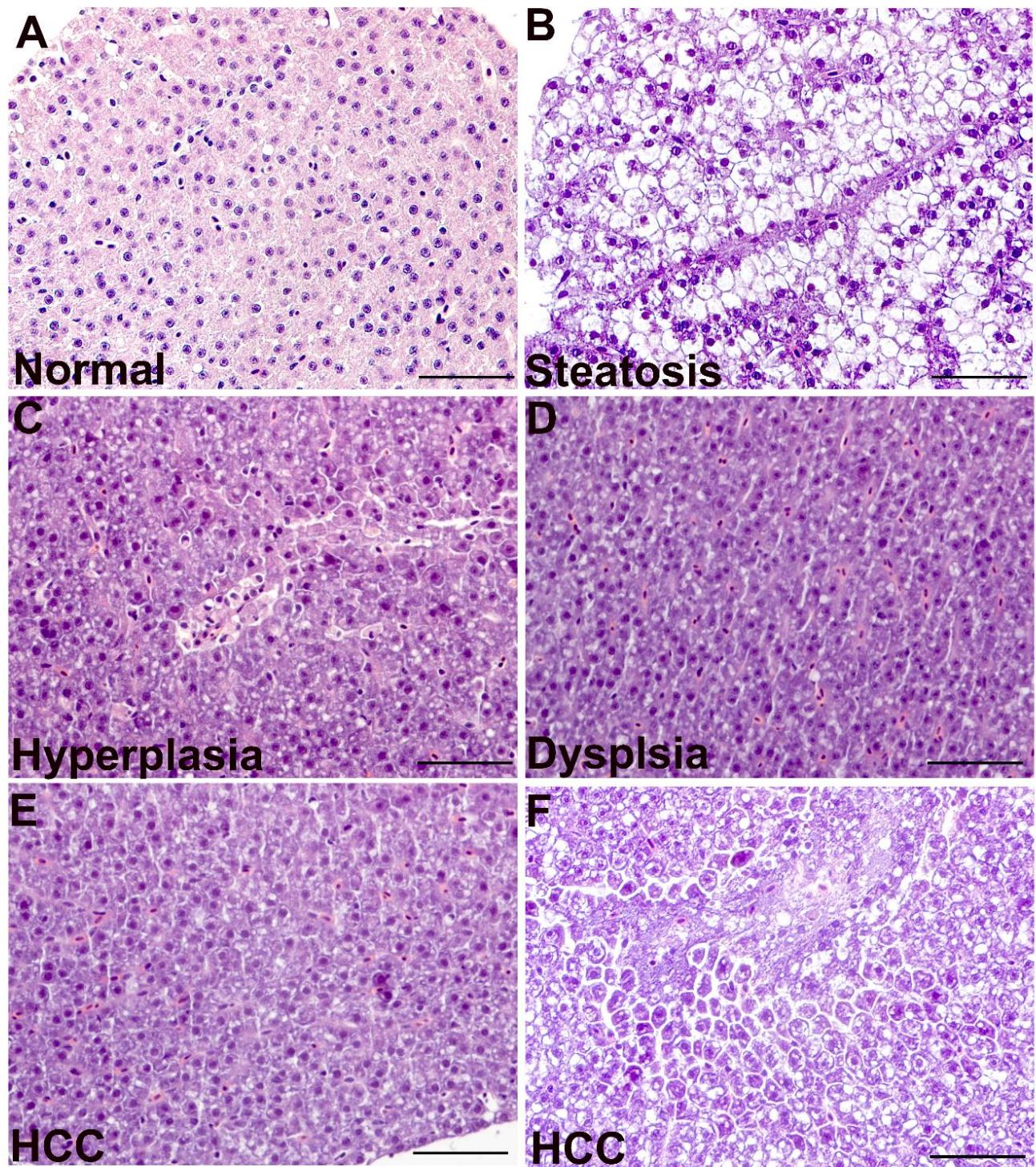
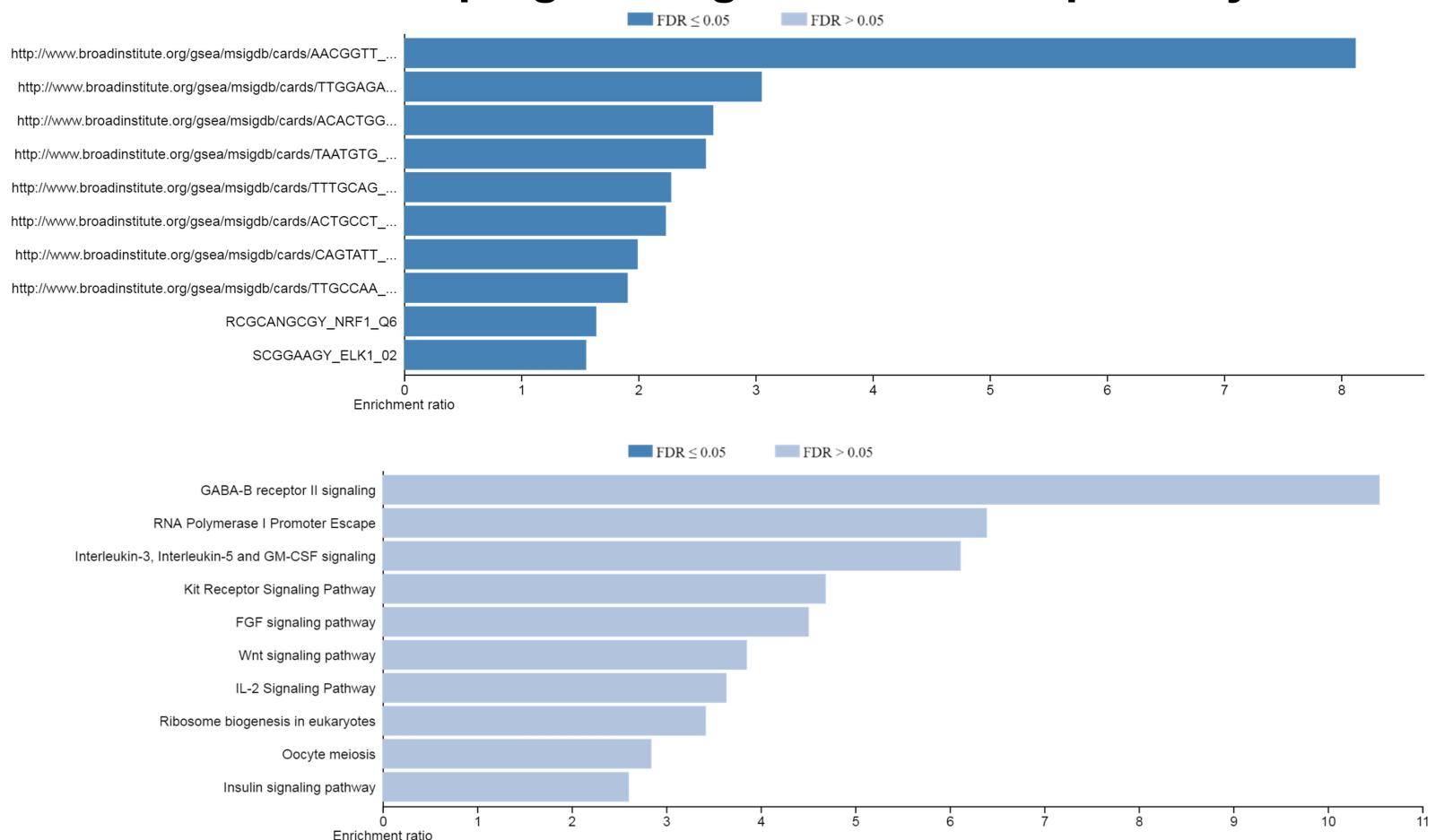


Figure S2

## A DIO+OF/DIO upregulated genes enriched pathways



## B DIO+OF/DIO downregulated genes enriched pathways

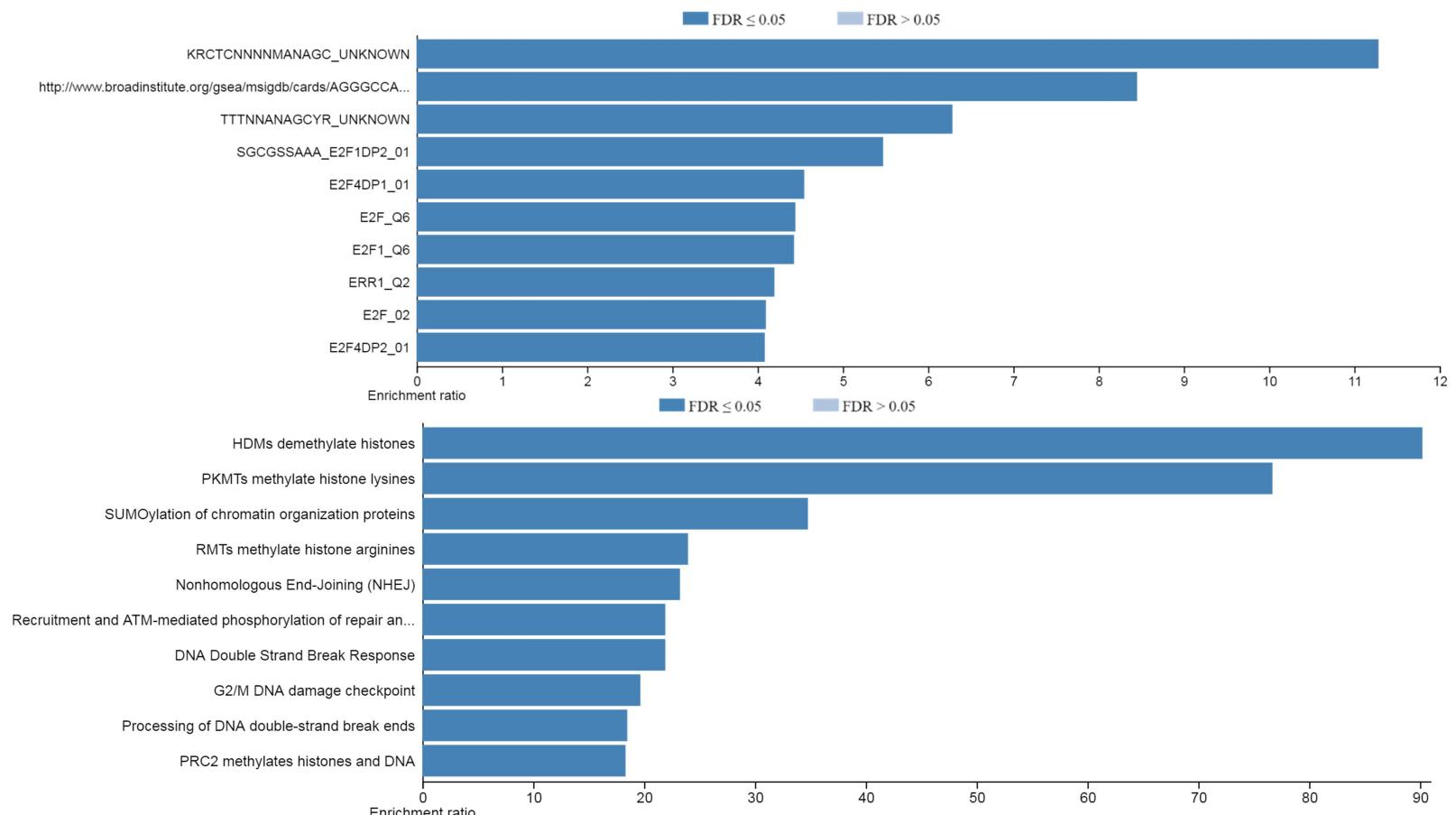
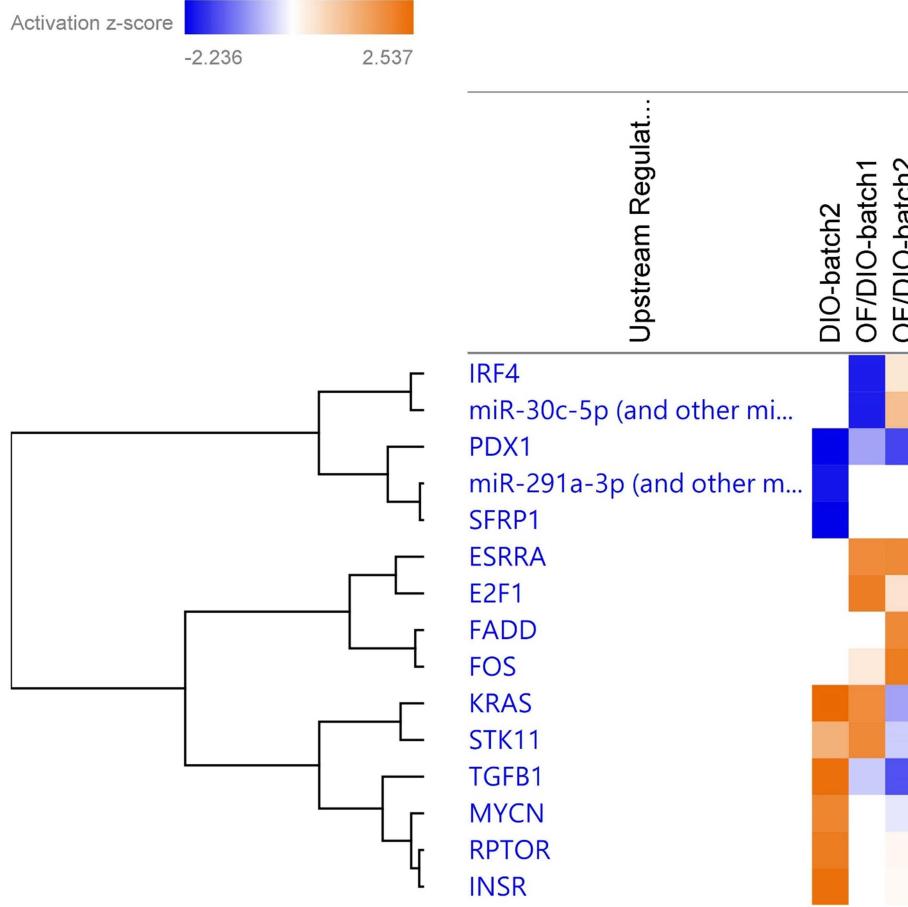
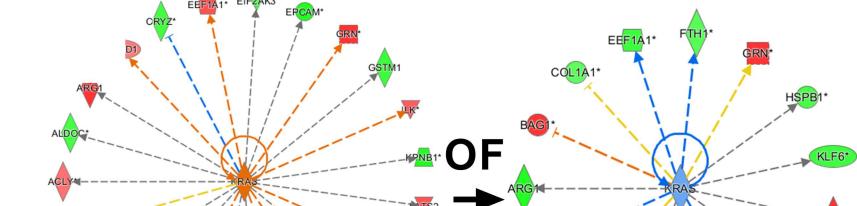


Figure S3

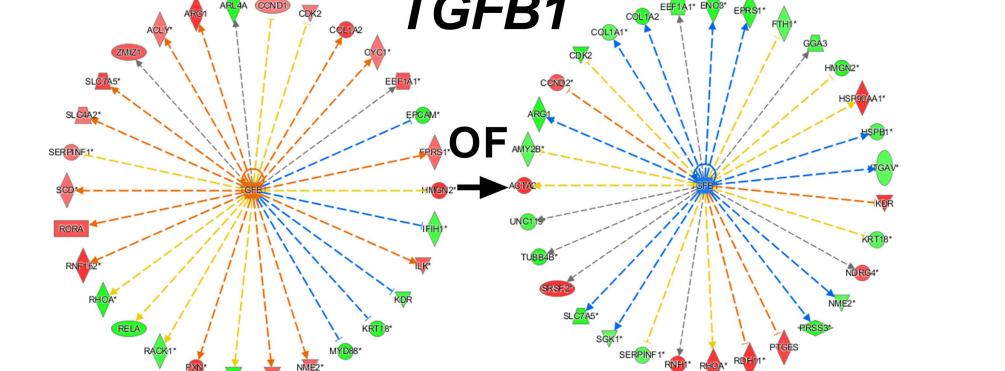
### A DIO+OF/DIO



### C DIO-HBx,src,p53<sup>-/-</sup> KRAS

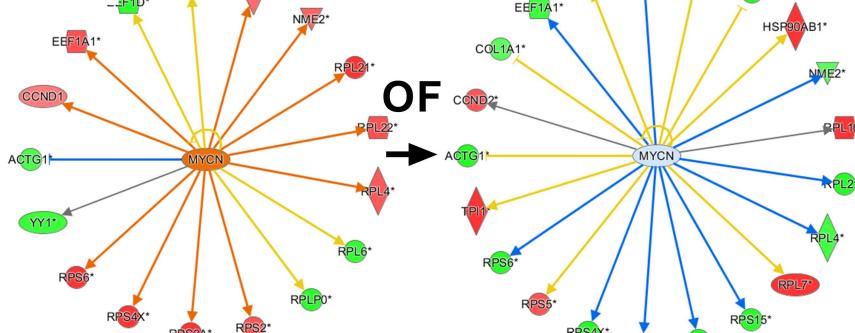


### D DIO-HBx,src,p53<sup>-/-</sup> TGFB1



### B

### DIO-HBx,src,p53<sup>-/-</sup> MYCN



### E

### DIO-HBx,src,p53<sup>-/-</sup> STK1

