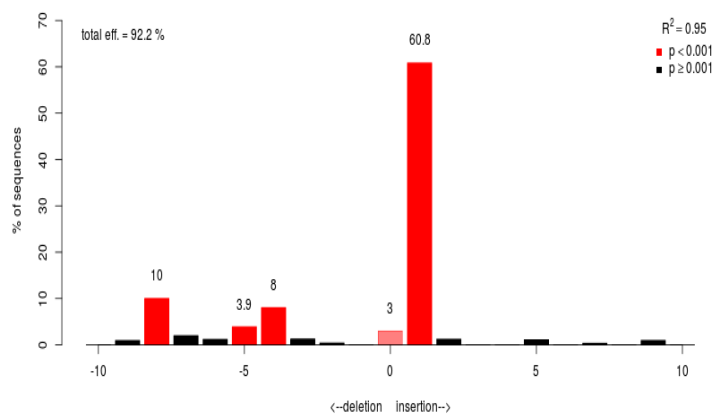


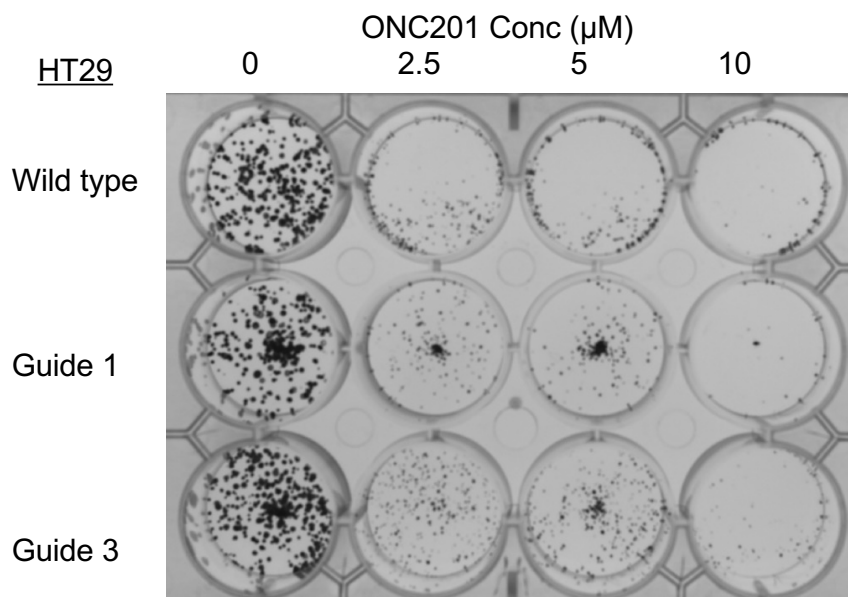
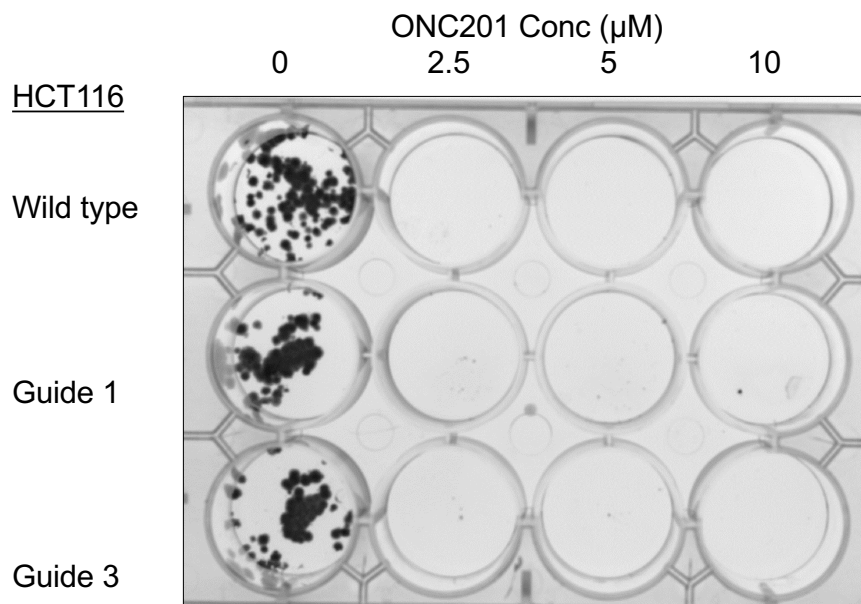
C) cont.

SKNSH

Guide 3

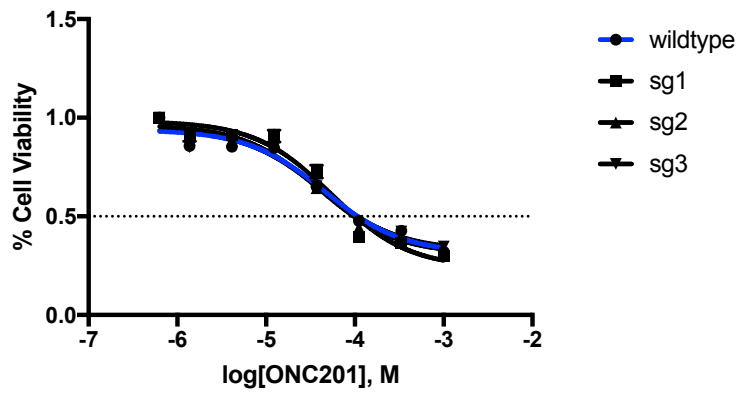


D)



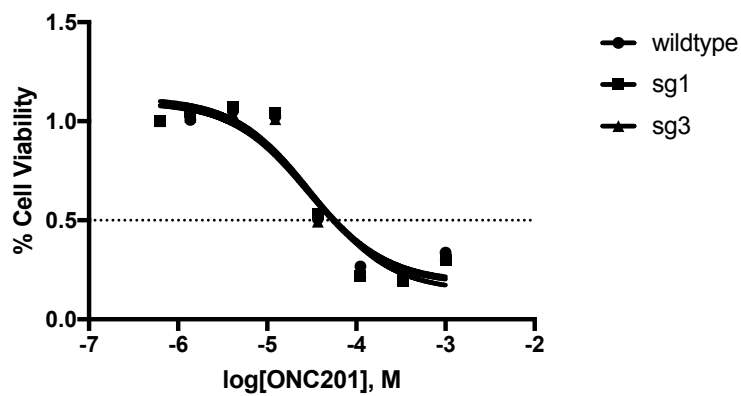
E)

## MDA231 DRD2 Knockout



CRISPR Guide RNA's	Indel rate (%)
Guide 1 (sg1)	91.8
Guide 2 (sg2)	52.8
Guide 3 (sg3)	96.4

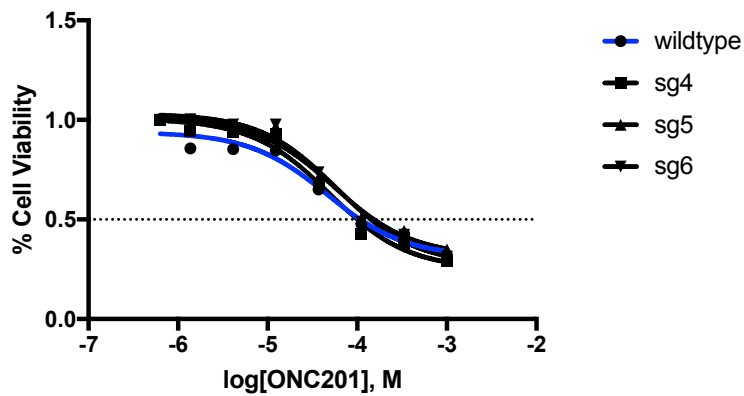
## SUM491PT DRD2 Knockout



CRISPR Guide RNA's	Indel rate (%)
Guide 1 (sg1)	75.5
Guide 3 (sg3)	90

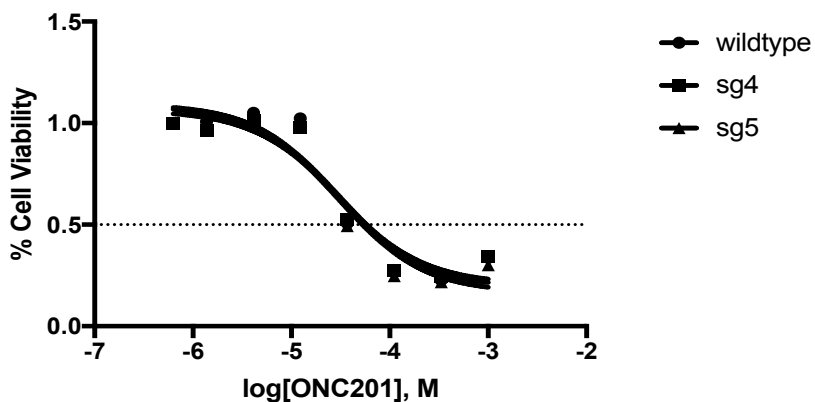
## MDA231 DRD3 Knockout

F)



CRISPR Guide RNA's	Indel rate (%)
Guide 4 (sg4)	93.6
Guide 5 (sg5)	87.9
Guide 6 (sg6)	97.8

## SUM491PT DRD2 Knockout



CRISPR Guide RNA's	Indel rate (%)
Guide 4 (sg4)	75.8
Guide 5 (sg5)	89.2

Cell line: HCT116 RKO

