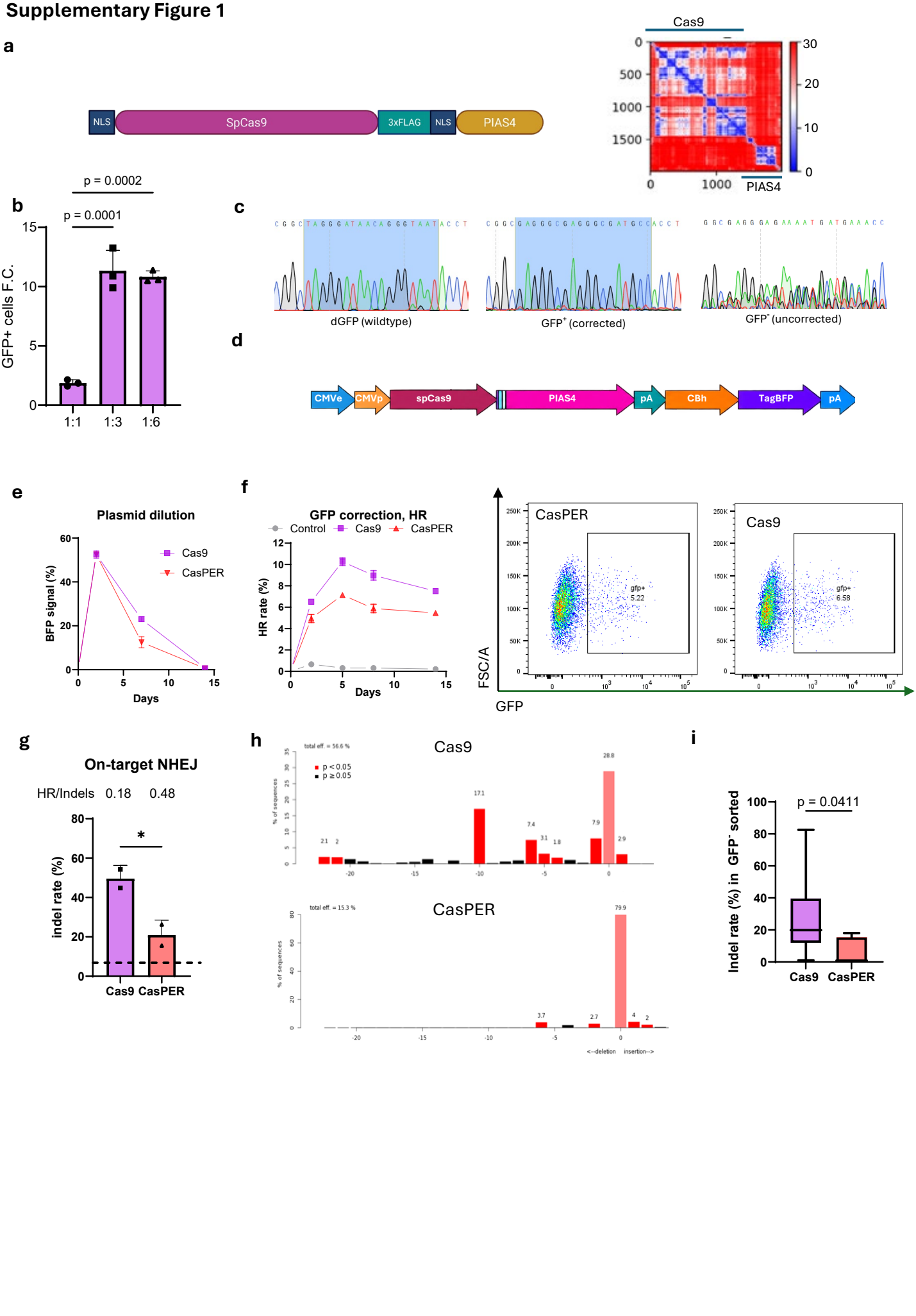
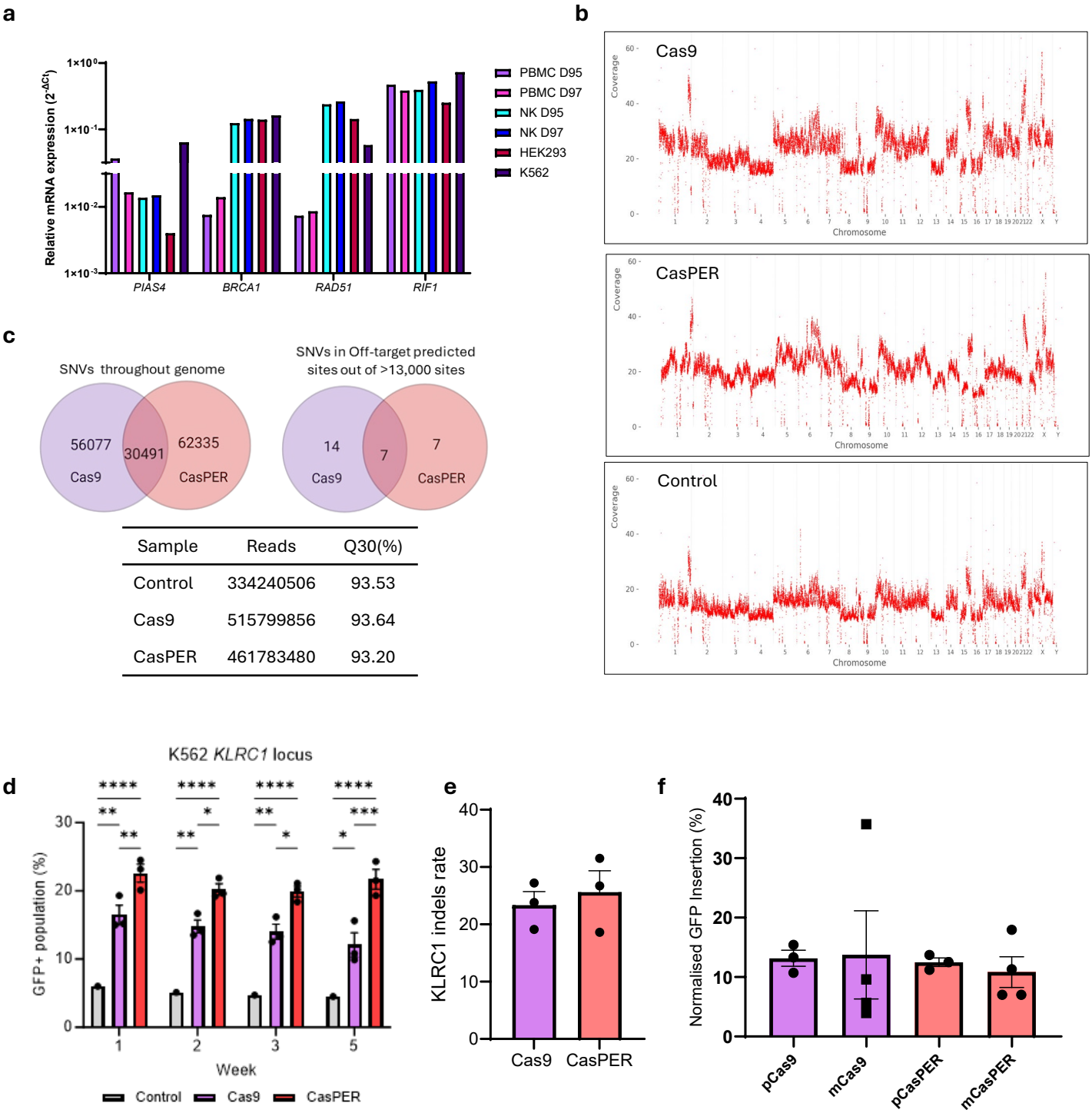
Supplementary Figure 1

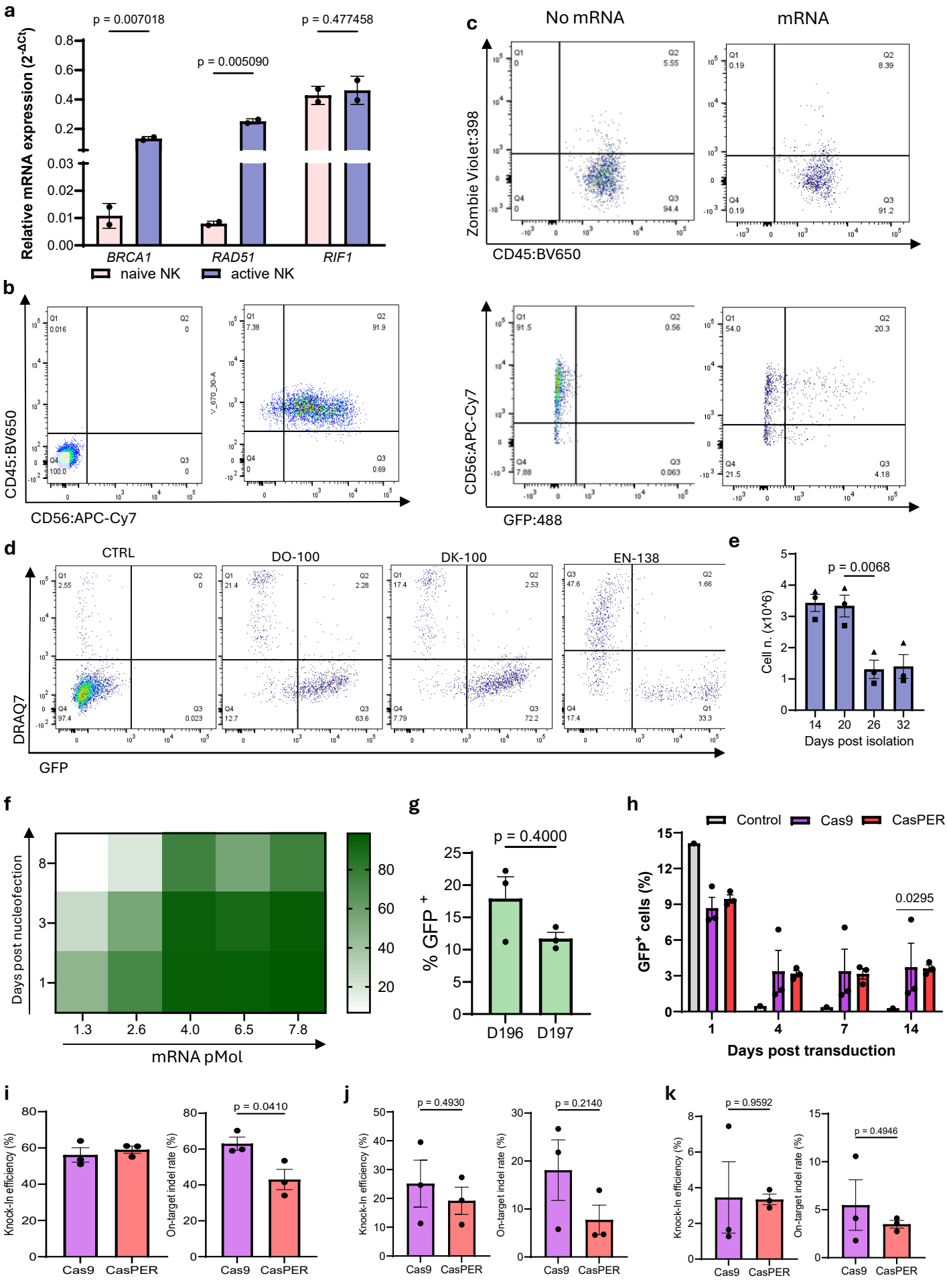


Supplementary Figure 2

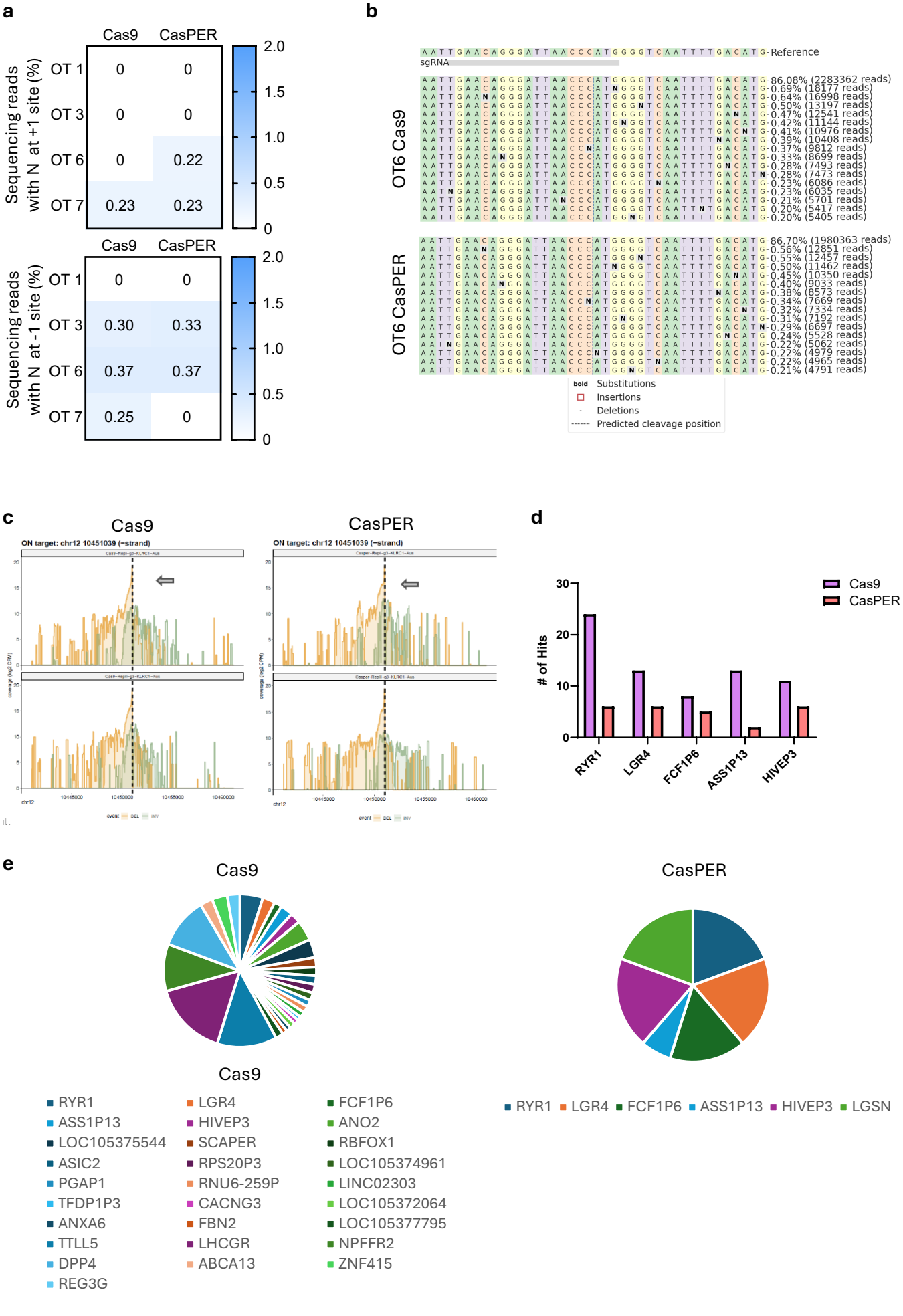


Sample	Reads	Q30(%)
Control	334240506	93.53
Cas9	515799856	93.64
CasPER	461783480	93.20

Supplementary Figure 3



Supplementary Figure 4



Supplementary Figure 5

