

**Supplementary Table S2:** Sequence and manufacturer of synthesized gRNAs used this study

<b>gRNA Name</b>	<b>gRNA sequence*</b>	<b>Manufacturer</b>
IL2RG	5'usgsgsUAAUGAUGGCUUCAACAGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	TriLink
CCR5	5'gsusgsUUCAUCUUUGGUUUUGUGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	TriLink
FANCF	5'gsgsasAUCCCUUCUGCAGCACCGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	AxoLabs
HEK1	5'gsgsgsAAAGACCCAGCAUCCGUGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	AxoLabs
HEK2	5'gsasasCACAAAGCAUAGACUGCGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	AxoLabs
HEK3	5'gsgscsCCAGACUGAGCACGUGAGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	AxoLabs
RNF2	5'gsuscsAUCUUAGUCAUUACCGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	AxoLabs
VEGFA1	5'gsgsgsUGGGGGGAGUUUGCUCGGUUUUAGAGCUAGAA AUAGCAAGUUAAAAUAAGGCUAGUCCGUUAUCAACUU GAAAAAGUGGCACCGAGUCGGUGCususU3'	AxoLabs

\* a, c, g, u: 2'-O-methyl residues; s: phosphorothioate