

Table S1. Sequences of sgRNAs Used in This Study, Related to Experimental Procedures

sgRNAs for human cells	Sequence
sgGFP.NT1	GAATAGCTCAGAGGCCGAGG
sgGFP.NT2	GACCAGGATGGGCACCACCC
sgGFP.NT3	GGTGGTGCAGATGAACTTCA
sgGFP.NT4	GTGGTCACGAGGGTGGGCCA
sgGFP.NT5	GCACGGGGCCGTCGCCGATG
sgGFP.T1	GGGCGAGGAGCTGTTACCG
sgGFP.T2	GGCCACAAGTTCAGCGTGTC
sgGFP.T3	GTGAACCGCATCGAGCTGAA
sgSV40.P1	GCATACTTCTGCCTGCTGGGGAGCCTG
sgSV40.P2	GAAAGTCCCCAGGCTCCCCAGC
sgSV40.P3	GCATCTCAATTAGTCAGCAACC
sgSV40.P4	GGATGGGCGGAGTTAGGGGC
sgSV40.P5	GGGCGGAGTTAGGGGC
sgSV40.P6	GTTCCGCCCATTCTCCGCCCCA
sgCXCR4.1	GACTTACACTGATCCCCTCCA
sgCXCR4.2	GCAGGTAGCAAAGTGACGCCGA
sgCXCR4.3	GAACCAGCGGTTACCATGGA
sgCXCR4.4	GCCAACAACTGAAGTTTCTGGCCG
sgCXCR4.5	GAAGTTTCTGGCCGCGGC
sgCXCR4.6	GCGCATGCGCCGCTGGGGCG
sgCXCR4.7	GGAGGGAGAAGGCGGGGTGG
sgCXCR4.8	GCGGTGGCTACTGGAGCACTC
sgCXCR4.9	GCCGCTTCTGCCCGCTCGGAGA
sgCXCR4.10	GCGGCGCATGCGCCGCGCT
sgTRFC.1	GATATCCCGACGCTCTGAGGGGA
sgTRFC.2	GGACGCGCTAGTGTGAGTGC

sgTRFC.3	GGGATATCGGGTGGCGGCTC
sgTRFC.4	GGGCTGTGCGTCACTTCCTG
sgTRFC.5	GTGTACCTGCAGCCGCTCG
sgTRFC.6	GTTTATAGCCTGGCCCCGCCCC
sgTRFC.7	GGGCGGGGATGCGCGCGCAGC
sgTRFC.8	GCGGGCGGGGCCCTATGCGGA
sgTRFC.9	GAGGTGCTCTGACAGATCGCC
sgTRFC.10	GTGTCCTCCCTTCATCCTGC
sgRNAs for yeast cells	Sequence
sgTEF	TTGATATTTAAGTTAATAAACGG
sgTET	TATCAGTGATAGAGAAAAGTCCC