Supplemental Information

Dual-AAV delivering split prime editor

system for *in vivo* genome editing

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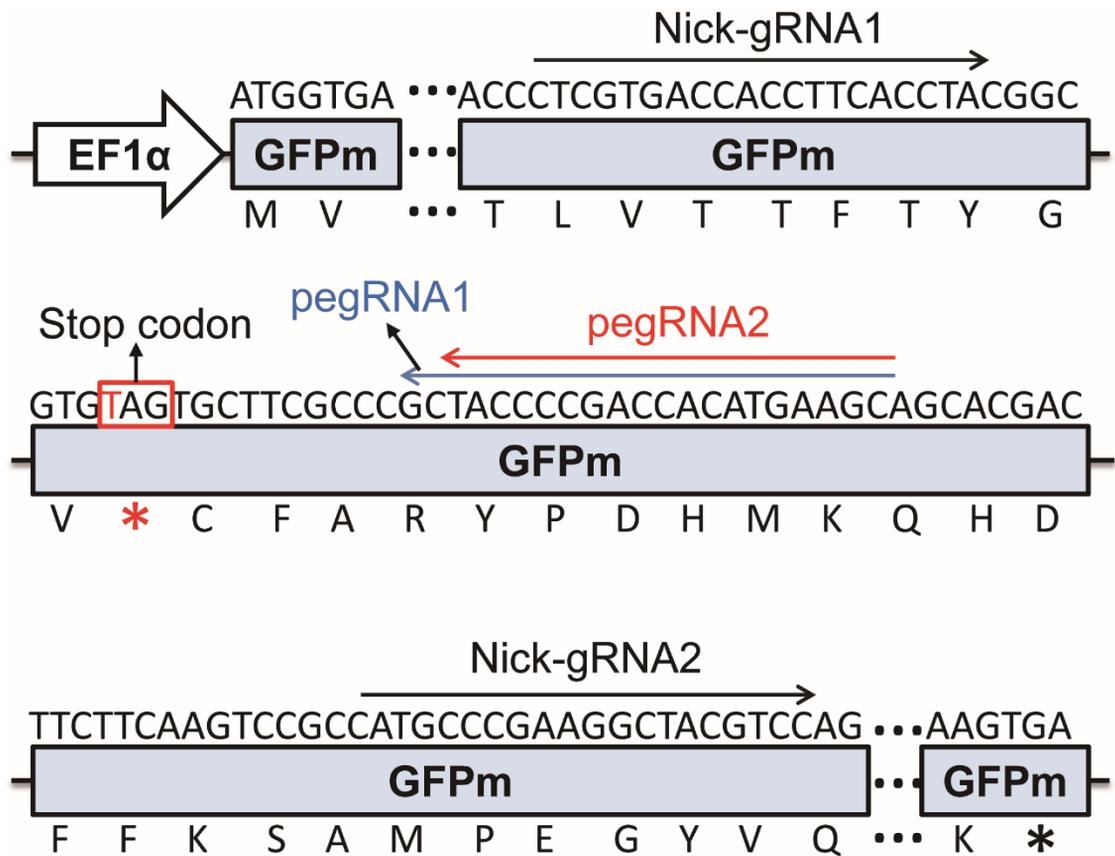
Figure S1. Schematics of GFP mutated (GFPm) reporter. Two pegRNAs were designed both with a PBS length of 13 nt and an RT template length of 19 nt downstream the mutation site. And two nick-gRNAs were designed to nick the non-edited strand.
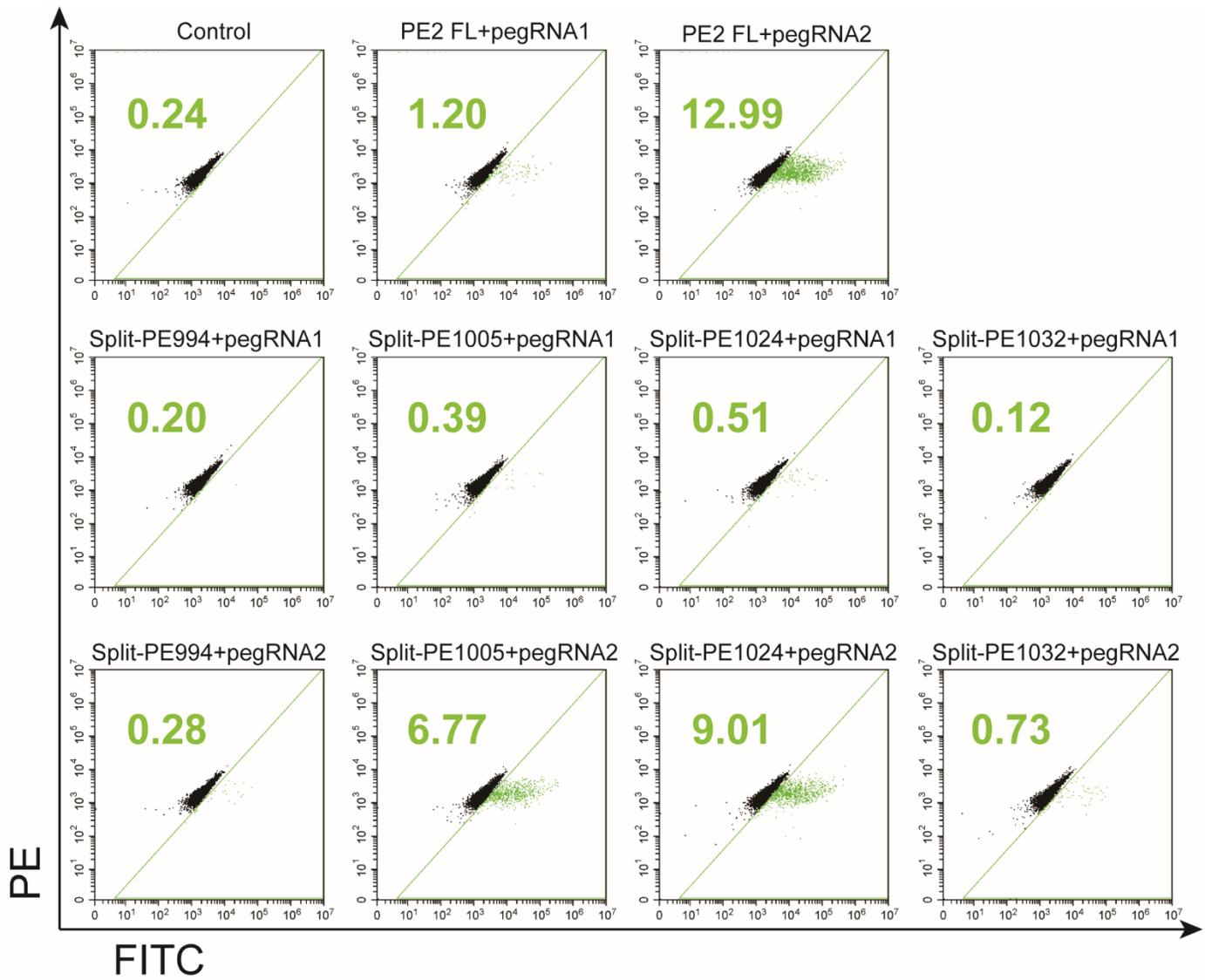
Figure S2. Inducible GFP expression with different split-PE2 pairs and pegRNAs in the GFPm reporter cell. The GFP signal would be detected by a flow cytometer when the TAG codon was corrected to CAG codon after split-PEs treatment. The signals of PE and FITC channels were collected to eliminated auto-fluorescence. The percentages of GFP positive cells were in green. Control, cells transfected with full-length PE2 but not pegRNA. PE2 FL refers to full-length PE2. Split-PE994, split-PE1005, split-PE1024, and split-PE1032 were split at 994-995, 1005-1006, 1024-1025, and 1032-1033, respectively.
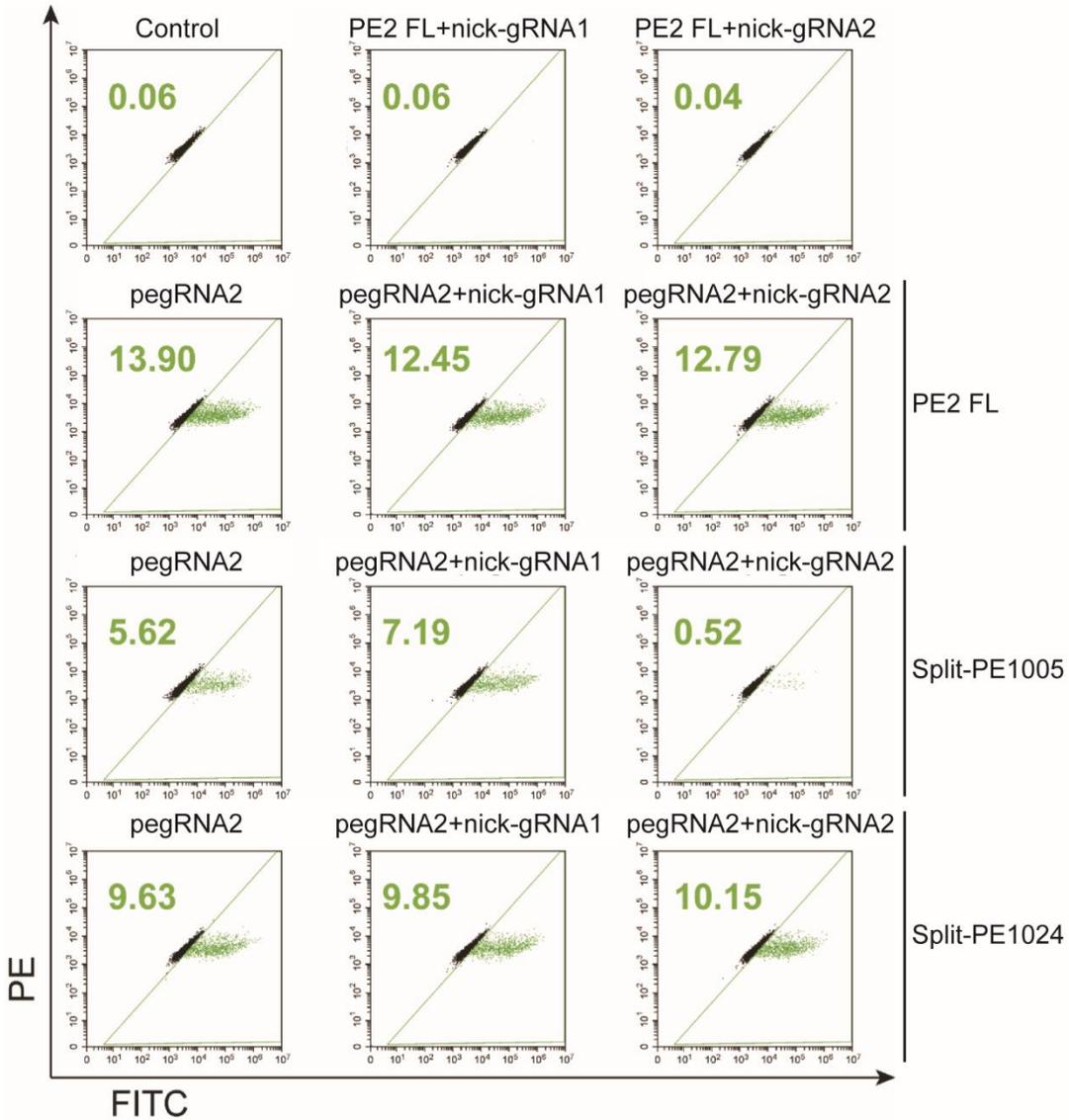
Figure S3. Inducible GFP expression with varying split-PE2 pairs, pegRNA2, and nick-gRNAs in GFPm reporter. The GFP signal would be detected by a flow cytometer when the stop codon (TAG) has been corrected to wild-type Gln (CAG) codon after split-PEs treatment. PE and FITC channels were collected to eliminated auto-fluorescence. Green color labeling the percentages of GFP positive cells. Control, cells transfected with full-length PE2 but not pegRNA. PE2 FL refers to full-length PE2. Split-PE1005 and split-PE1024 were split at 1005-1006 and 1024-1025, respectively.
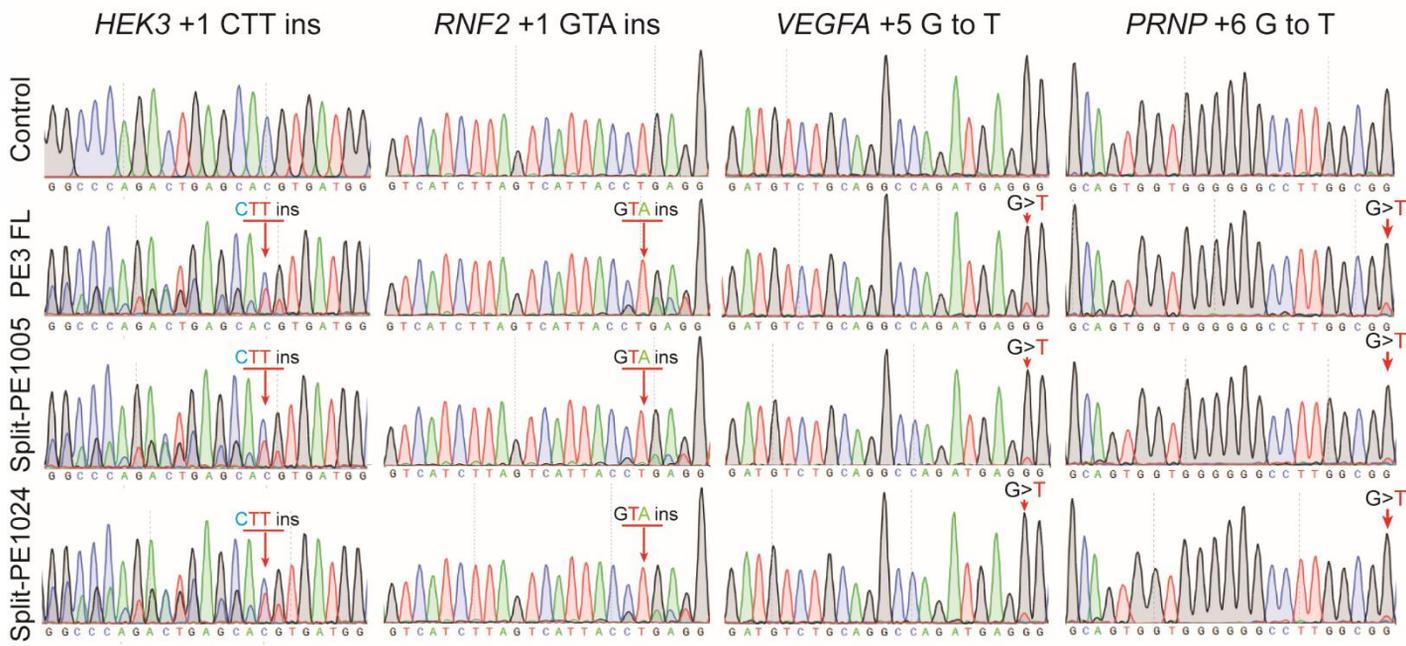
Figure S4. Prime editing of endogenous sites in HEK293T cells by split-PEs.
Sanger sequencing data analysis of insertion and single-nucleotide transversion prime editing at four endogenous sites targeted by split-PEs through plasmid transfection. The red arrow indicates the editing site. Control, HEK293T cells transfected with full-length PE2 but not pegRNA. PE3 FL, HEK293T cells transfected with full-length PE2, pegRNA and nick-gRNA. Split-PE1005 and split-PE1024 were split at 1005-1006 and 1024-1025, respectively.
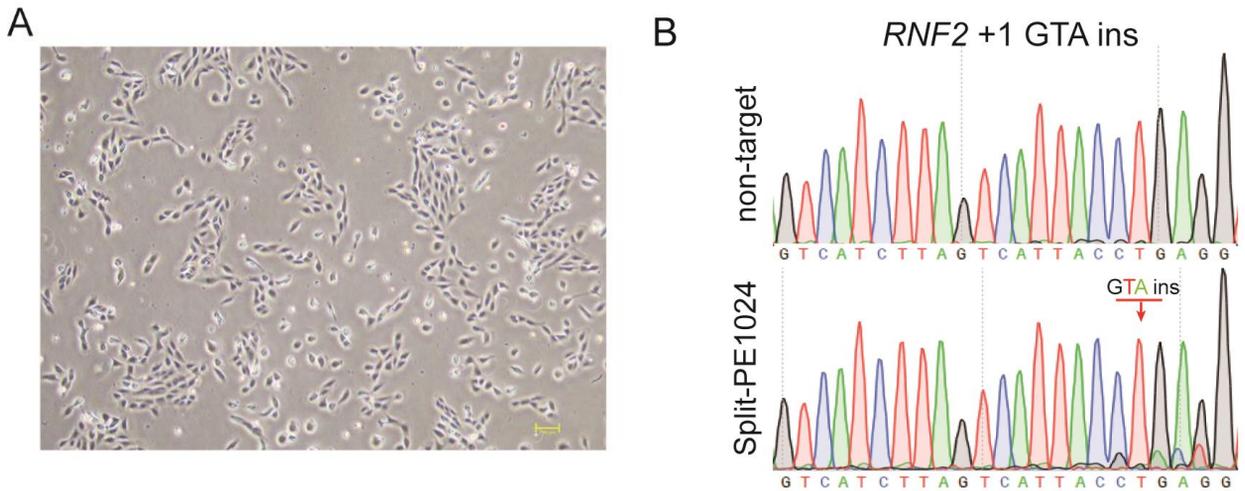
Figure S5. Prime editing of endogenous site in ARPE-19 cells by split-PE1024. (A) Morphology of ARPE-19 cells. Scale bars indicated 100 μm. (B) Example of Sanger sequencing to detect editing at *RNF2* for +1 GTA insertion targeted by split-PE1024 in ARPE-19 cells. The red arrow indicates the edited site.
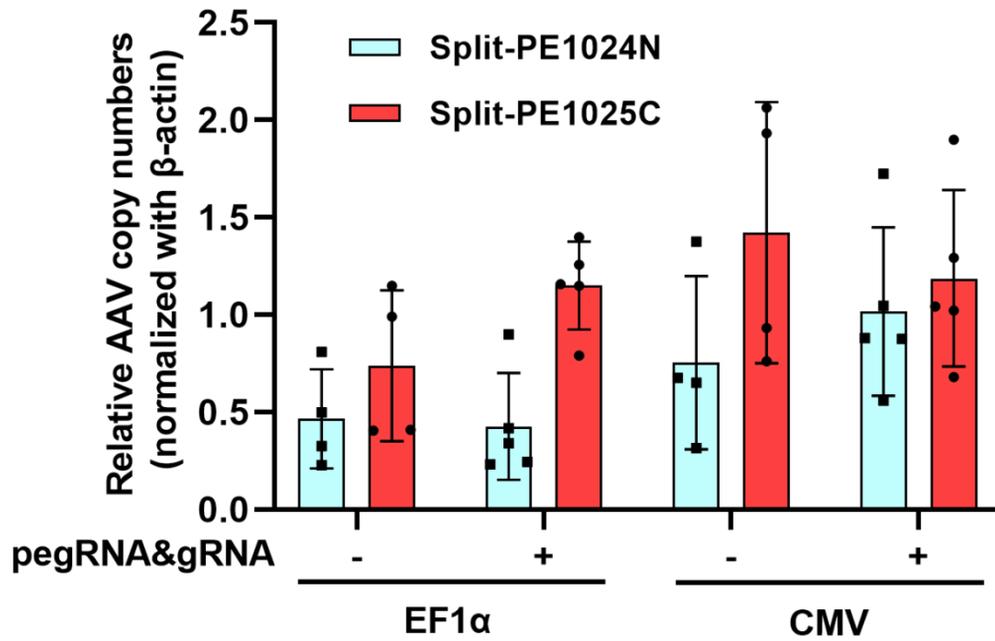
Figure S6. Quantitative PCR analysis of relative AAV copy numbers in mice retina.
Blue columns refer to the N-terminal half of PE (Split-PE1024N), whereas red columns refer to the C-terminal half of PE (Split-PE1025C). Data were normalized using *β-actin*. Values and error bars represent the mean $\pm$ S.D. of more than three independent mice eyes.

Figure S7. Off-target analysis of *Dnmt1* targeted by dual-AAV delivered split-PE1024 in mouse retina. All types of editing, including all types of indels as well as base substitutions, were analyzed by CRISPResso2. Retinas injected with split-PE1024 and non-targeting pegRNA were regarded as negative control. Values and error bars represent the mean $\pm$ S.D. of more than three independent mice eyes.

| Supplementary Table S1. List of pegRNAs, gRNAs, and primers.				
Sequences of pegRNAs				
pegRNA	spacer sequence	3'extension sequence	PBS length (nt)	RT template length (nt)
GFPm_pegRNA1	cttcatgtggtcggggtagc	gtgtagtgcttcgcccgctaccccgaccacat	13	19
GFPm_pegRNA2	gcttcatgtggtcggggtag	tgtagtgcttcgcccgctaccccgaccacatg	13	19
*RNF2_* +1GTA_ins	gtcatcttagtcattacctg	aacgaacacctcagtacgtaatgactaagatg	15	17
*VEGFA_* +5GtoT	gatgtctgcaggccagatga	atctggagcactcatctggcctgcaga	13	14
*HEK3_* +1CTT_ins	ggcccagactgagcacgtga	tctgccatcaaagcgtgctcagtctg	13	13
*PRNP_* +6GtoT	gcagtggtggggggccttgg	atgtagtcgccaaggcccccccacc	12	12
*DNMT1_* +5GtoT	cggggctggagctgttcgcgc	aagatgcaagcgcgaacagctccag	13	12
Sequences of gRNAs				
Nick-gRNA	spacer sequence			
GFPm-nick-gRNA1	ctcgtgaccaccttcaccta			
GFPm-nick-gRNA2	catgcccgaaggctacgtcc			
RNF2 -nick-gRNA	tcaaccattaagcaaaacat			
VEGFA -nick-gRNA	ccctctgacaatgtgccatc			
HEK3 -nick-gRNA	gtcaaccagtatcccggtgc			
PRNP -nick-gRNA	gcatgttttcacgatagtaa			
DNMT1 -nick-gRNA	ccgcgcgcgcgaaaaagccg			
Sequences of primers				
Description	Forward	Reverse		
RNF2 -DS	aacggaactcaaccattaagca	ccaacatacagaagtcaggaatgc		
VEGFA -DS	aaacttggtgccaaattcttctcc	tatttgggactggagttgcttca		
HEK3 -DS	cgcccatgcaattagtctatttct	acttgtcaaccagtatcccg		
PRNP -DS	aacaagccgagtaagccaaaaac	gtaacggtgcatgttttcacgat		
DNMT1 -DS	gccccctcccaattggtttc	ggagatacccccaatatatgcct		
RNF2 -OT1	aaattatcatatgtgaaagaagccagg	cctgccaatgaaatccaaaatgaaa		
RNF2 -OT2	atgtggttaaaatccactgttctaa	caatagtgatcagtaaagtaaagaaatc		
HEK3 -OT1	gtccaaaggcccaagaacct	gagagggaacagaagggct		
HEK3 -OT2	tcccctgttgacctggagaa	actgtacttgccctgacca		
HEK3 -OT3	tgagatgtgggcagaaggg	tggtgttgacagggagcaa		
HEK3 -OT4	gctcatcttaatctgctcagcc	cctagcactttggaaggtcg		
VEGFA -OT1	gaggaggccaaagagctagcttgac	tagaggctgaaagtctgagatcagagtg		
VEGFA -OT2	cctttgttttgtgtgttttgctggtagg	aataggtggtgatcgcctgcca		
VEGFA -OT3	ttttgctaactcgagagcccaggtgt	cagctgtcttccccactctactctga		
VEGFA -OT4	ggaaagagggagctctttggaagaca	gcatccccatttcatccagcagtg		
AAV-PE-detect	tccttcctggtggaagaggataa	ctcgaacagctggttgtaggtc		
SplitPE-N-qPCR	accagagcaagaacggctac	tgttcagcttcacgagcagt		
SplitPE-C-qPCR	gacaaagtgctgtccgccta	ctggtgtacctcttccggtc		
mouse-β-actin-qPCR	gagagctcaccattcaccatctt	gggccggactcatcgtact		
mouse-β-actin	gtccctcaccctcccaaaag	gctgcctcaacacctcaaccc		
Dnmt1 -Off-target1	cggaggaggcggcgccgccc	gtacagcagcacggccagtgccgcc		
Dnmt1 -Off-target2	agagcggctgcagtaagccg	tcacctgcacgcacagaaccagt		
Dnmt1 -Off-target3	ccggagtcctagagcgaaagc	gtgacaagaggacgaaaagcg		
Dnmt1 -Off-target4	ttttccaccggctcctcttg	ggacagtcttggctgaggac		
Dnmt1 -Off-target5	agcggattacctaagcgagg	cggtgacctccggtgttttc		
Dnmt1 -Off-target6	ctttccaggtgatgcggcg	ttctgggatggagaagatcgc		
Dnmt1 -Off-target7	gagcagggttgggactcac	gactcggcccctggatttc		

Dnmt1-Off-target8	cgaaggggaaaacccaggaa	ggtggcactgctagatctcc		

Supplementary Table S2. List of amplicon sequence_data used in this study.					
Amplicon_seq_data_name	Figure	Target gene	SRA_data_name (SRR_numbers)	PRJNA_numbers	Barcode
RNF2_non_guide_repeat1	2B	RNF2	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	AGTTCAGG
RNF2_non_guide_repeat2	2B	RNF2	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	AGTTCAGG
RNF2_non_guide_repeat3	2B	RNF2	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	AGTTCAGG
RNF2_PE3_FL_repeat1	2B	RNF2	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	GACCTGAA
RNF2_PE3_FL_repeat2	2B	RNF2	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	GACCTGAA
RNF2_PE3_FL_repeat3	2B	RNF2	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	GACCTGAA
RNF2_SplitPE1005_repeat1	2B	RNF2	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	TCTCTACT
RNF2_SplitPE1005_repeat2	2B	RNF2	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	TCTCTACT
RNF2_SplitPE1005_repeat3	2B	RNF2	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	TCTCTACT
RNF2_SplitPE1024_repeat1	2B	RNF2	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	CTCTCGTC
RNF2_SplitPE1024_repeat2	2B	RNF2	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	CTCTCGTC
RNF2_SplitPE1024_repeat3	2B	RNF2	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	CTCTCGTC
VEGFA_non_guide_repeat1	2C	VEGFA	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	ATCCACTG
VEGFA_non_guide_repeat2	2C	VEGFA	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	ATCCACTG
VEGFA_non_guide_repeat3	2C	VEGFA	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	ATCCACTG
VEGFA_PE3_FL_repeat1	2C	VEGFA	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	GCTTGTCA
VEGFA_PE3_FL_repeat2	2C	VEGFA	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	GCTTGTCA
VEGFA_PE3_FL_repeat3	2C	VEGFA	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	GCTTGTCA
VEGFA_SplitPE1005_repeat1	2C	VEGFA	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	CAAGCTAG
VEGFA_SplitPE1005_repeat2	2C	VEGFA	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	CAAGCTAG
VEGFA_SplitPE1005_repeat3	2C	VEGFA	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	CAAGCTAG
VEGFA_SplitPE1024_repeat1	2C	VEGFA	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	TGGATCGA
VEGFA_SplitPE1024_repeat2	2C	VEGFA	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	TGGATCGA
VEGFA_SplitPE1024_repeat3	2C	VEGFA	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	TGGATCGA
HEK3_non_guide_repeat1	2D	HEK3	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	AGCGCTAG
HEK3_non_guide_repeat2	2D	HEK3	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	AGCGCTAG
HEK3_non_guide_repeat3	2D	HEK3	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	AGCGCTAG

HEK3_PE3_FL_repeat1	2D	HEK3	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	GATATCGA
HEK3_PE3_FL_repeat2	2D	HEK3	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	GATATCGA
HEK3_PE3_FL_repeat3	2D	HEK3	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	GATATCGA
HEK3_SplitPE1005_repeat1	2D	HEK3	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	CGCAGACG
HEK3_SplitPE1005_repeat2	2D	HEK3	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	CGCAGACG
HEK3_SplitPE1005_repeat3	2D	HEK3	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	CGCAGACG
HEK3_SplitPE1024_repeat1	2D	HEK3	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	TATGAGTA
HEK3_SplitPE1024_repeat2	2D	HEK3	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	TATGAGTA
HEK3_SplitPE1024_repeat3	2D	HEK3	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	TATGAGTA
PRNP_non_guide_repeat1	2E	PRNP	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	CCAAGTCT
PRNP_non_guide_repeat2	2E	PRNP	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	CCAAGTCT
PRNP_non_guide_repeat3	2E	PRNP	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	CCAAGTCT
PRNP_PE3_FL_repeat1	2E	PRNP	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	TTGGACTC
PRNP_PE3_FL_repeat2	2E	PRNP	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	TTGGACTC
PRNP_PE3_FL_repeat3	2E	PRNP	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	TTGGACTC
PRNP_SplitPE1005_repeat1	2E	PRNP	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	GGCTTAAG
PRNP_SplitPE1005_repeat2	2E	PRNP	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	GGCTTAAG
PRNP_SplitPE1005_repeat3	2E	PRNP	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	GGCTTAAG
PRNP_SplitPE1024_repeat1	2E	PRNP	Fig2-293T-PE-amplicon-seq1.fq.gz (SRR14891600)	PRJNA739843	AATCCGGA
PRNP_SplitPE1024_repeat2	2E	PRNP	Fig2-293T-PE-amplicon-seq2.fq.gz (SRR14891599)	PRJNA739843	AATCCGGA
PRNP_SplitPE1024_repeat3	2E	PRNP	Fig2-293T-PE-amplicon-seq3.fq.gz (SRR14891598)	PRJNA739843	AATCCGGA
HEK3_AAV_GFP_repeat1	3C	HEK3	Fig3-293T-HEK3-AAV-GFP-1.fastq	PRJNA739843	None
HEK3_AAV_GFP_repeat2	3C	HEK3	Fig3-293T-HEK3-AAV-GFP-2.fastq	PRJNA739843	None
HEK3_AAV_GFP_repeat3	3C	HEK3	Fig3-293T-HEK3-AAV-GFP-3.fastq	PRJNA739843	None
HEK3_AAV_SplitPE1005_repeat1	3C	HEK3	Fig3-293T-HEK3-AAV-split1005-1.fastq	PRJNA739843	None
HEK3_AAV_SplitPE1005_repeat2	3C	HEK3	Fig3-293T-HEK3-AAV-split1005-2.fastq	PRJNA739843	None
HEK3_AAV_SplitPE1005_repeat3	3C	HEK3	Fig3-293T-HEK3-AAV-split1005-3.fastq	PRJNA739843	None
HEK3_AAV_SplitPE1024_repeat1	3C	HEK3	Fig3-293T-HEK3-AAV-split1024-1.fastq	PRJNA739843	None
HEK3_AAV_SplitPE1024_repeat2	3C	HEK3	Fig3-293T-HEK3-AAV-split1024-2.fastq	PRJNA739843	None

HEK3_AAV_SplitPE1024_repeat3	3C	HEK3	Fig3-293T-HEK3-AAV-split1024-3.fastq	PRJNA739843	None
VEGFA_AAV_GFP_repeat1	3D	VEGFA	Fig3-293T-VEGFA-AAV-GFP-1.fastq	PRJNA739843	None
VEGFA_AAV_GFP_repeat2	3D	VEGFA	Fig3-293T-VEGFA-AAV-GFP-2.fastq	PRJNA739843	None
VEGFA_AAV_GFP_repeat3	3D	VEGFA	Fig3-293T-VEGFA-AAV-GFP-3.fastq	PRJNA739843	None
VEGFA_AAV_SplitPE1005_repeat1	3D	VEGFA	Fig3-293T-VEGFA-AAV-splitPE1005-1.fastq	PRJNA739843	None
VEGFA_AAV_SplitPE1005_repeat2	3D	VEGFA	Fig3-293T-VEGFA-AAV-splitPE1005-2.fastq	PRJNA739843	None
VEGFA_AAV_SplitPE1005_repeat3	3D	VEGFA	Fig3-293T-VEGFA-AAV-splitPE1005-3.fastq	PRJNA739843	None
VEGFA_AAV_SplitPE1024_repeat1	3D	VEGFA	Fig3-293T-VEGFA-AAV-splitPE1024-1.fastq	PRJNA739843	None
VEGFA_AAV_SplitPE1024_repeat2	3D	VEGFA	Fig3-293T-VEGFA-AAV-splitPE1024-2.fastq	PRJNA739843	None
VEGFA_AAV_SplitPE1024_repeat3	3D	VEGFA	Fig3-293T-VEGFA-AAV-splitPE1024-3.fastq	PRJNA739843	None
293T_RNF2_AAV_GFP_repeat1	3E	RNF2	Fig3-293T-RNF2-AAV-GFP-1.fastq	PRJNA739843	None
293T_RNF2_AAV_GFP_repeat2	3E	RNF2	Fig3-293T-RNF2-AAV-GFP-2.fastq	PRJNA739843	None
293T_RNF2_AAV_GFP_repeat3	3E	RNF2	Fig3-293T-RNF2-AAV-GFP-3.fastq	PRJNA739843	None
293T_RNF2_AAV_SplitPE1005_repeat1	3E	RNF2	Fig3-293T-RNF2-AAV-splitPE1005-1.fastq	PRJNA739843	None
293T_RNF2_AAV_SplitPE1005_repeat2	3E	RNF2	Fig3-293T-RNF2-AAV-splitPE1005-2.fastq	PRJNA739843	None
293T_RNF2_AAV_SplitPE1005_repeat3	3E	RNF2	Fig3-293T-RNF2-AAV-splitPE1005-3.fastq	PRJNA739843	None
293T_RNF2_AAV_SplitPE1024_repeat1	3E	RNF2	Fig3-293T-RNF2-AAV-splitPE1024-1.fastq	PRJNA739843	None
293T_RNF2_AAV_SplitPE1024_repeat2	3E	RNF2	Fig3-293T-RNF2-AAV-splitPE1024-2.fastq	PRJNA739843	None
293T_RNF2_AAV_SplitPE1024_repeat3	3E	RNF2	Fig3-293T-RNF2-AAV-splitPE1024-3.fastq	PRJNA739843	None
HeLa_RNF2_AAV_GFP_repeat1	3F	RNF2	Fig3-HeLa-RNF2-AAV-GFP-1.fastq	PRJNA739843	None
HeLa_RNF2_AAV_GFP_repeat2	3F	RNF2	Fig3-HeLa-RNF2-AAV-GFP-2.fastq	PRJNA739843	None
HeLa_RNF2_AAV_GFP_repeat3	3F	RNF2	Fig3-HeLa-RNF2-AAV-GFP-3.fastq	PRJNA739843	None
HeLa_RNF2_AAV_SplitPE1005_repeat1	3F	RNF2	Fig3-HeLa-RNF2-AAV-split1005-1.fastq	PRJNA739843	None
HeLa_RNF2_AAV_SplitPE1005_repeat2	3F	RNF2	Fig3-HeLa-RNF2-AAV-split1005-2.fastq	PRJNA739843	None
HeLa_RNF2_AAV_SplitPE1005_repeat3	3F	RNF2	Fig3-HeLa-RNF2-AAV-split1005-3.fastq	PRJNA739843	None
HeLa_RNF2_AAV_SplitPE1024_repeat1	3F	RNF2	Fig3-HeLa-RNF2-AAV-split1024-1.fastq	PRJNA739843	None
HeLa_RNF2_AAV_SplitPE1024_repeat2	3F	RNF2	Fig3-HeLa-RNF2-AAV-split1024-2.fastq	PRJNA739843	None
HeLa_RNF2_AAV_SplitPE1024_repeat3	3F	RNF2	Fig3-HeLa-RNF2-AAV-split1024-3.fastq	PRJNA739843	None
293T_RNF2_OT1_AAV_GFP_repeat1	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	CTAGCGCT

293T_RNF2_OT1_AAV_GFP_repeat2	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	CTAGCGCT
293T_RNF2_OT1_AAV_GFP_repeat3	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	CTAGCGCT
293T_RNF2_OT1_AAV_Split PE1005_repeat1	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	GCCACAGG
293T_RNF2_OT1_AAV_Split PE1005_repeat2	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	GCCACAGG
293T_RNF2_OT1_AAV_Split PE1005_repeat3	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	GCCACAGG
293T_RNF2_OT1_AAV_Split PE1024_repeat1	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	CATAATAC
293T_RNF2_OT1_AAV_Split PE1024_repeat2	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	CATAATAC
293T_RNF2_OT1_AAV_Split PE1024_repeat3	4A	RNF2_off_target1	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	CATAATAC
293T_RNF2_OT2_AAV_GFP_repeat1	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	TCGATATC
293T_RNF2_OT2_AAV_GFP_repeat2	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	TCGATATC
293T_RNF2_OT2_AAV_GFP_repeat3	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	TCGATATC
293T_RNF2_OT2_AAV_Split PE1005_repeat1	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	ATTGTGAA
293T_RNF2_OT2_AAV_Split PE1005_repeat2	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	ATTGTGAA
293T_RNF2_OT2_AAV_Split PE1005_repeat3	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	ATTGTGAA
293T_RNF2_OT2_AAV_Split PE1024_repeat1	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	GATCTATC
293T_RNF2_OT2_AAV_Split PE1024_repeat2	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	GATCTATC
293T_RNF2_OT2_AAV_Split PE1024_repeat3	4A	RNF2_off_target2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	GATCTATC
HeLa_RNF2_OT1_AAV_GFP_repeat1	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq1.fq.gz (SRR14891593)	PRJNA739843	CTAGCGCT
HeLa_RNF2_OT1_AAV_GFP_repeat2	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq2.fq.gz (SRR14891592)	PRJNA739843	CTAGCGCT
HeLa_RNF2_OT1_AAV_GFP_repeat3	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq3.fq.gz (SRR14891591)	PRJNA739843	CTAGCGCT
HeLa_RNF2_OT1_AAV_Split PE1005_repeat1	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq1.fq.gz (SRR14891593)	PRJNA739843	GCCACAGG
HeLa_RNF2_OT1_AAV_Split PE1005_repeat2	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq2.fq.gz (SRR14891592)	PRJNA739843	GCCACAGG
HeLa_RNF2_OT1_AAV_Split PE1005_repeat3	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq3.fq.gz (SRR14891591)	PRJNA739843	GCCACAGG
HeLa_RNF2_OT1_AAV_Split PE1024_repeat1	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq1.fq.gz (SRR14891593)	PRJNA739843	CATAATAC
HeLa_RNF2_OT1_AAV_Split PE1024_repeat2	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq2.fq.gz (SRR14891592)	PRJNA739843	CATAATAC
HeLa_RNF2_OT1_AAV_Split PE1024_repeat3	4A	RNF2_off_target1	Fig4-HeLa-PE-amplicon-seq3.fq.gz (SRR14891591)	PRJNA739843	CATAATAC
HeLa_RNF2_OT2_AAV_GFP_repeat1	4A	RNF2_off_target2	Fig4-HeLa-PE-amplicon-seq1.fq.gz (SRR14891593)	PRJNA739843	TCGATATC
HeLa_RNF2_OT2_AAV_GFP_repeat2	4A	RNF2_off_target2	Fig4-HeLa-PE-amplicon-seq2.fq.gz (SRR14891592)	PRJNA739843	TCGATATC
HeLa_RNF2_OT2_AAV_GFP_repeat3	4A	RNF2_off_target2	Fig4-HeLa-PE-amplicon-seq3.fq.gz (SRR14891591)	PRJNA739843	TCGATATC

HeLa_RNF2_OT2_AAV_Split PE1005_repeat1	4A	RNF2_off_tar get2	Fig4-HeLa-PE-amplicon-seq1.fq.gz (SRR14891593)	PRJNA739843	ATTGTGAA
HeLa_RNF2_OT2_AAV_Split PE1005_repeat2	4A	RNF2_off_tar get2	Fig4-HeLa-PE-amplicon-seq2.fq.gz (SRR14891592)	PRJNA739843	ATTGTGAA
HeLa_RNF2_OT2_AAV_Split PE1005_repeat3	4A	RNF2_off_tar get2	Fig4-HeLa-PE-amplicon-seq3.fq.gz (SRR14891591)	PRJNA739843	ATTGTGAA
HeLa_RNF2_OT2_AAV_Split PE1024_repeat1	4A	RNF2_off_tar get2	Fig4-HeLa-PE-amplicon-seq1.fq.gz (SRR14891593)	PRJNA739843	GATCTATC
HeLa_RNF2_OT2_AAV_Split PE1024_repeat2	4A	RNF2_off_tar get2	Fig4-HeLa-PE-amplicon-seq2.fq.gz (SRR14891592)	PRJNA739843	GATCTATC
HeLa_RNF2_OT2_AAV_Split PE1024_repeat3	4A	RNF2_off_tar get2	Fig4-HeLa-PE-amplicon-seq3.fq.gz (SRR14891591)	PRJNA739843	GATCTATC
HEK3_OT1_AAV_GFP_repea t1	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	CCTGTGGC
HEK3_OT1_AAV_GFP_repea t2	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	CCTGTGGC
HEK3_OT1_AAV_GFP_repea t3	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	CCTGTGGC
HEK3_OT1_AAV_SplitPE100 5_repeat1	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	GCCAAGGT
HEK3_OT1_AAV_SplitPE100 5_repeat2	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	GCCAAGGT
HEK3_OT1_AAV_SplitPE100 5_repeat3	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	GCCAAGGT
HEK3_OT1_AAV_SplitPE102 4_repeat1	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	CACTACGA
HEK3_OT1_AAV_SplitPE102 4_repeat2	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	CACTACGA
HEK3_OT1_AAV_SplitPE102 4_repeat3	4B	HEK3_off_ta rget1	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	CACTACGA
HEK3_OT2_AAV_GFP_repea t1	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	TTCACAAT
HEK3_OT2_AAV_GFP_repea t2	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	TTCACAAT
HEK3_OT2_AAV_GFP_repea t3	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	TTCACAAT
HEK3_OT2_AAV_SplitPE100 5_repeat1	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	ATTGGAAC
HEK3_OT2_AAV_SplitPE100 5_repeat2	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	ATTGGAAC
HEK3_OT2_AAV_SplitPE100 5_repeat3	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	ATTGGAAC
HEK3_OT2_AAV_SplitPE102 4_repeat1	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	GCAGAATC
HEK3_OT2_AAV_SplitPE102 4_repeat2	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	GCAGAATC
HEK3_OT2_AAV_SplitPE102 4_repeat3	4B	HEK3_off_ta rget2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	GCAGAATC
HEK3_OT3_AAV_GFP_repea t1	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	AACAGGAA
HEK3_OT3_AAV_GFP_repea t2	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	AACAGGAA
HEK3_OT3_AAV_GFP_repea t3	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	AACAGGAA
HEK3_OT3_AAV_SplitPE100 5_repeat1	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	TAGAGCGC
HEK3_OT3_AAV_SplitPE100 5_repeat2	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	TAGAGCGC

HEK3_OT3_AAV_SplitPE100 5_repeat3	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		TAGAGCGC
HEK3_OT3_AAV_SplitPE102 4_repeat1	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		ACCACTTA
HEK3_OT3_AAV_SplitPE102 4_repeat2	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		ACCACTTA
HEK3_OT3_AAV_SplitPE102 4_repeat3	4B	HEK3_off_ta rget3	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		ACCACTTA
HEK3_OT4_AAV_GFP_repea t1	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		GGTGAAGG
HEK3_OT4_AAV_GFP_repea t2	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		GGTGAAGG
HEK3_OT4_AAV_GFP_repea t3	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		GGTGAAGG
HEK3_OT4_AAV_SplitPE100 5_repeat1	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		CGAGATAT
HEK3_OT4_AAV_SplitPE100 5_repeat2	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		CGAGATAT
HEK3_OT4_AAV_SplitPE100 5_repeat3	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		CGAGATAT
HEK3_OT4_AAV_SplitPE102 4_repeat1	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		TGTCGTAG
HEK3_OT4_AAV_SplitPE102 4_repeat2	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		TGTCGTAG
HEK3_OT4_AAV_SplitPE102 4_repeat3	4B	HEK3_off_ta rget4	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		TGTCGTAG
VEGFA_OT1_AAV_GFP_rep eat1	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		CTGCTTCC
VEGFA_OT1_AAV_GFP_rep eat2	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		CTGCTTCC
VEGFA_OT1_AAV_GFP_rep eat3	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		CTGCTTCC
VEGFA_OT1_AAV_SplitPE1 005_repeat1	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		AGTACTCC
VEGFA_OT1_AAV_SplitPE1 005_repeat2	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		AGTACTCC
VEGFA_OT1_AAV_SplitPE1 005_repeat3	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		AGTACTCC
VEGFA_OT1_AAV_SplitPE1 024_repeat1	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		CCATTCGA
VEGFA_OT1_AAV_SplitPE1 024_repeat2	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		CCATTCGA
VEGFA_OT1_AAV_SplitPE1 024_repeat3	4C	VEGFA_off_ target1	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		CCATTCGA
VEGFA_OT2_AAV_GFP_rep eat1	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		TCATCCTT
VEGFA_OT2_AAV_GFP_rep eat2	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		TCATCCTT
VEGFA_OT2_AAV_GFP_rep eat3	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		TCATCCTT
VEGFA_OT2_AAV_SplitPE1 005_repeat1	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		GACGTCTT
VEGFA_OT2_AAV_SplitPE1 005_repeat2	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq2.fq.gz (SRR14891595)	PRJNA739843		GACGTCTT
VEGFA_OT2_AAV_SplitPE1 005_repeat3	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq3.fq.gz (SRR14891594)	PRJNA739843		GACGTCTT
VEGFA_OT2_AAV_SplitPE1 024_repeat1	4C	VEGFA_off_ target2	Fig4-293T-PE-amplicon- seq1.fq.gz (SRR14891597)	PRJNA739843		ACACTAAG

VEGFA_OT2_AAV_SplitPE1024_repeat2	4C	VEGFA_off_target2	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	ACACTAAG
VEGFA_OT2_AAV_SplitPE1024_repeat3	4C	VEGFA_off_target2	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	ACACTAAG
VEGFA_OT3_AAV_GFP_repeat1	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	AGGTTATA
VEGFA_OT3_AAV_GFP_repeat2	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	AGGTTATA
VEGFA_OT3_AAV_GFP_repeat3	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	AGGTTATA
VEGFA_OT3_AAV_SplitPE1005_repeat1	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	TGCGAGAC
VEGFA_OT3_AAV_SplitPE1005_repeat2	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	TGCGAGAC
VEGFA_OT3_AAV_SplitPE1005_repeat3	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	TGCGAGAC
VEGFA_OT3_AAV_SplitPE1024_repeat1	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	GTGTCGGA
VEGFA_OT3_AAV_SplitPE1024_repeat2	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	GTGTCGGA
VEGFA_OT3_AAV_SplitPE1024_repeat3	4C	VEGFA_off_target3	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	GTGTCGGA
VEGFA_OT4_AAV_GFP_repeat1	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	CTCACCAA
VEGFA_OT4_AAV_GFP_repeat2	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	CTCACCAA
VEGFA_OT4_AAV_GFP_repeat3	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	CTCACCAA
VEGFA_OT4_AAV_SplitPE1005_repeat1	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	ACAGGCGC
VEGFA_OT4_AAV_SplitPE1005_repeat2	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	ACAGGCGC
VEGFA_OT4_AAV_SplitPE1005_repeat3	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	ACAGGCGC
VEGFA_OT4_AAV_SplitPE1024_repeat1	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq1.fq.gz (SRR14891597)	PRJNA739843	CCTTCACC
VEGFA_OT4_AAV_SplitPE1024_repeat2	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq2.fq.gz (SRR14891595)	PRJNA739843	CCTTCACC
VEGFA_OT4_AAV_SplitPE1024_repeat3	4C	VEGFA_off_target4	Fig4-293T-PE-amplicon-seq3.fq.gz (SRR14891594)	PRJNA739843	CCTTCACC
Dnmt1_EF1α_non_guide_eye1	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	GGACTTGG
Dnmt1_EF1α_non_guide_eye2	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	AAGTCCAA
Dnmt1_EF1α_non_guide_eye3	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	ATCCACTG
Dnmt1_EF1α_non_guide_eye4	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	GCTTGTCA
Dnmt1_EF1α_SplitPE1024_eye1	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	GGACTTGG
Dnmt1_EF1α_SplitPE1024_eye2	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	AAGTCCAA
Dnmt1_EF1α_SplitPE1024_eye3	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	TGGATCGA
Dnmt1_EF1α_SplitPE1024_eye4	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	AGTTCAGG
Dnmt1_EF1α_SplitPE1024_eye5	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	GACCTGAA

Dnmt1_CMV_non_guide_eye1	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	TCTCTACT
Dnmt1_CMV_non_guide_eye2	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	CTCTCGTC
Dnmt1_CMV_non_guide_eye3	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	AATCCGGA
Dnmt1_CMV_non_guide_eye4	5E	Dnmt1	Dnmt1-ON-P1.fq.gz (SRR14885688)	PRJNA739877	TAATACAG
Dnmt1_CMV_SplitPE1024_eye1	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	TTGGACTC
Dnmt1_CMV_SplitPE1024_eye2	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	ATGTAAGT
Dnmt1_CMV_SplitPE1024_eye3	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	GCACGGAC
Dnmt1_CMV_SplitPE1024_eye4	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	GCAGAATT
Dnmt1_CMV_SplitPE1024_eye5	5E	Dnmt1	Dnmt1-ON-P2.fq.gz (SRR14885696)	PRJNA739877	ATGAGGCC
Dnmt1_OT1_EF1α _non_guide_eye1	S6	Dnmt1_off_target1	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _non_guide_eye2	S6	Dnmt1_off_target1	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _non_guide_eye3	S6	Dnmt1_off_target1	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _non_guide_eye4	S6	Dnmt1_off_target1	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _SplitPE1024_eye1	S6	Dnmt1_off_target1	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _SplitPE1024_eye2	S6	Dnmt1_off_target1	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_target1	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_target1	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	AGTATCTT
Dnmt1_OT1_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_target1	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	AGTATCTT
Dnmt1_OT1_CMV_non_guide _eye1	S6	Dnmt1_off_target1	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_non_guide _eye2	S6	Dnmt1_off_target1	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_non_guide _eye3	S6	Dnmt1_off_target1	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_non_guide _eye4	S6	Dnmt1_off_target1	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_SplitPE1024_eye1	S6	Dnmt1_off_target1	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_SplitPE1024_eye2	S6	Dnmt1_off_target1	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_SplitPE1024_eye3	S6	Dnmt1_off_target1	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_SplitPE1024_eye4	S6	Dnmt1_off_target1	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	TGCCACCA
Dnmt1_OT1_CMV_SplitPE1024_eye5	S6	Dnmt1_off_target1	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	TGCCACCA
Dnmt1_OT2_EF1α _non_guide_eye1	S6	Dnmt1_off_target2	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _non_guide_eye2	S6	Dnmt1_off_target2	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	GACGCTCC

Dnmt1_OT2_EF1α _non_guide_eye3	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _non_guide_eye4	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _SplitPE1024_eye1	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _SplitPE1024_eye2	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	GACGCTCC
Dnmt1_OT2_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	GACGCTCC
Dnmt1_OT2_CMV_non_guide _eye1	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_non_guide _eye2	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_non_guide _eye3	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_non_guide _eye4	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_SplitPE10 24_eye1	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_SplitPE10 24_eye2	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_SplitPE10 24_eye3	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_SplitPE10 24_eye4	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	CTCTGCCT
Dnmt1_OT2_CMV_SplitPE10 24_eye5	S6	Dnmt1_off_ta rget2	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	CTCTGCCT
Dnmt1_OT3_EF1α _non_guide_eye1	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _non_guide_eye2	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _non_guide_eye3	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _non_guide_eye4	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _SplitPE1024_eye1	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _SplitPE1024_eye2	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	CATGCCAT
Dnmt1_OT3_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	CATGCCAT
Dnmt1_OT3_CMV_non_guide _eye1	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_non_guide _eye2	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_non_guide _eye3	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_non_guide _eye4	S6	Dnmt1_off_ta rget3	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	TCTCATTC

Dnmt1_OT3_CMV_SplitPE1024_eye1	S6	Dnmt1_off_target3	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_SplitPE1024_eye2	S6	Dnmt1_off_target3	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_SplitPE1024_eye3	S6	Dnmt1_off_target3	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_SplitPE1024_eye4	S6	Dnmt1_off_target3	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	TCTCATTC
Dnmt1_OT3_CMV_SplitPE1024_eye5	S6	Dnmt1_off_target3	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	TCTCATTC
Dnmt1_OT4_EF1α_non_guide_eye1	S6	Dnmt1_off_target4	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_non_guide_eye2	S6	Dnmt1_off_target4	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_non_guide_eye3	S6	Dnmt1_off_target4	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_non_guide_eye4	S6	Dnmt1_off_target4	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_SplitPE1024_eye1	S6	Dnmt1_off_target4	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_SplitPE1024_eye2	S6	Dnmt1_off_target4	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_SplitPE1024_eye3	S6	Dnmt1_off_target4	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_SplitPE1024_eye4	S6	Dnmt1_off_target4	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	TGCATTGC
Dnmt1_OT4_EF1α_SplitPE1024_eye5	S6	Dnmt1_off_target4	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	TGCATTGC
Dnmt1_OT4_CMV_non_guide_eye1	S6	Dnmt1_off_target4	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_non_guide_eye2	S6	Dnmt1_off_target4	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_non_guide_eye3	S6	Dnmt1_off_target4	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_non_guide_eye4	S6	Dnmt1_off_target4	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_SplitPE1024_eye1	S6	Dnmt1_off_target4	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_SplitPE1024_eye2	S6	Dnmt1_off_target4	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_SplitPE1024_eye3	S6	Dnmt1_off_target4	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_SplitPE1024_eye4	S6	Dnmt1_off_target4	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	ACGCCGCA
Dnmt1_OT4_CMV_SplitPE1024_eye5	S6	Dnmt1_off_target4	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	ACGCCGCA
Dnmt1_OT5_EF1α_non_guide_eye1	S6	Dnmt1_off_target5	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α_non_guide_eye2	S6	Dnmt1_off_target5	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α_non_guide_eye3	S6	Dnmt1_off_target5	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α_non_guide_eye4	S6	Dnmt1_off_target5	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α_SplitPE1024_eye1	S6	Dnmt1_off_target5	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α_SplitPE1024_eye2	S6	Dnmt1_off_target5	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	GCCAAGGT

Dnmt1_OT5_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	GCCAAGGT
Dnmt1_OT5_CMV_non_guide _eye1	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_non_guide _eye2	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_non_guide _eye3	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_non_guide _eye4	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_SplitPE10 24_eye1	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_SplitPE10 24_eye2	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_SplitPE10 24_eye3	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_SplitPE10 24_eye4	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	GATAGATC
Dnmt1_OT5_CMV_SplitPE10 24_eye5	S6	Dnmt1_off_ta rget5	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	GATAGATC
Dnmt1_OT6_EF1α _non_guide_eye1	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _non_guide_eye2	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _non_guide_eye3	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _non_guide_eye4	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _SplitPE1024_eye1	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _SplitPE1024_eye2	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	CGAGATAT
Dnmt1_OT6_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	CGAGATAT
Dnmt1_OT6_CMV_non_guide _eye1	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_non_guide _eye2	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_non_guide _eye3	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_non_guide _eye4	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_SplitPE10 24_eye1	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_SplitPE10 24_eye2	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_SplitPE10 24_eye3	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	AGCGAGCT
Dnmt1_OT6_CMV_SplitPE10 24_eye4	S6	Dnmt1_off_ta rget6	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	AGCGAGCT

Dnmt1_OT6_CMV_SplitPE1024_eye5	S6	Dnmt1_off_target6	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	AGCGAGCT
Dnmt1_OT7_EF1α _non_guide_eye1	S6	Dnmt1_off_target7	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _non_guide_eye2	S6	Dnmt1_off_target7	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _non_guide_eye3	S6	Dnmt1_off_target7	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _non_guide_eye4	S6	Dnmt1_off_target7	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _SplitPE1024_eye1	S6	Dnmt1_off_target7	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _SplitPE1024_eye2	S6	Dnmt1_off_target7	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_target7	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_target7	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_target7	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	TAGAGCGC
Dnmt1_OT7_CMV_non_guide _eye1	S6	Dnmt1_off_target7	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_non_guide _eye2	S6	Dnmt1_off_target7	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_non_guide _eye3	S6	Dnmt1_off_target7	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_non_guide _eye4	S6	Dnmt1_off_target7	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_SplitPE1024_eye1	S6	Dnmt1_off_target7	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_SplitPE1024_eye2	S6	Dnmt1_off_target7	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_SplitPE1024_eye3	S6	Dnmt1_off_target7	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_SplitPE1024_eye4	S6	Dnmt1_off_target7	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	CAGTTCCG
Dnmt1_OT7_CMV_SplitPE1024_eye5	S6	Dnmt1_off_target7	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	CAGTTCCG
Dnmt1_OT8_EF1α _non_guide_eye1	S6	Dnmt1_off_target8	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _non_guide_eye2	S6	Dnmt1_off_target8	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _non_guide_eye3	S6	Dnmt1_off_target8	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _non_guide_eye4	S6	Dnmt1_off_target8	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _SplitPE1024_eye1	S6	Dnmt1_off_target8	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _SplitPE1024_eye2	S6	Dnmt1_off_target8	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _SplitPE1024_eye3	S6	Dnmt1_off_target8	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _SplitPE1024_eye4	S6	Dnmt1_off_target8	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	GGTTCACC
Dnmt1_OT8_EF1α _SplitPE1024_eye5	S6	Dnmt1_off_target8	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	GGTTCACC
Dnmt1_OT8_CMV_non_guide _eye1	S6	Dnmt1_off_target8	Dnmt1-OT-P6.fq.gz (SRR14885692)	PRJNA739877	CTAGGCAA

Dnmt1_OT8_CMV_non_guide_eye2	S6	Dnmt1_off_target8	Dnmt1-OT-P7.fq.gz (SRR14885691)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_non_guide_eye3	S6	Dnmt1_off_target8	Dnmt1-OT-P8.fq.gz (SRR14885690)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_non_guide_eye4	S6	Dnmt1_off_target8	Dnmt1-OT-P9.fq.gz (SRR14885689)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_SplitPE1024_eye1	S6	Dnmt1_off_target8	Dnmt1-OT-P1.fq.gz (SRR14885698)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_SplitPE1024_eye2	S6	Dnmt1_off_target8	Dnmt1-OT-P2.fq.gz (SRR14885697)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_SplitPE1024_eye3	S6	Dnmt1_off_target8	Dnmt1-OT-P3.fq.gz (SRR14885695)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_SplitPE1024_eye4	S6	Dnmt1_off_target8	Dnmt1-OT-P4.fq.gz (SRR14885694)	PRJNA739877	CTAGGCAA
Dnmt1_OT8_CMV_SplitPE1024_eye5	S6	Dnmt1_off_target8	Dnmt1-OT-P5.fq.gz (SRR14885693)	PRJNA739877	CTAGGCAA