

**Supplementary Table 1.** Domains for construction of three-finger ZFPs

Domain	Source	Amino acid sequences or Reference	Target subsite(s)
CSNR1	Human	YKCKQCGKAFGCPSNLRRHGRTH	GAC
HSNK	Human	YKCKECGKA FNHSSNFNKHHR IH	GAC
ISNR	Human	YRCKYCDRSFSISSNLQRHV RN IH	GAT
QSHR2	Human	YKCGQCGKFYSQVSHLTRHQK IH	GGA
QSHR3	Human	YACHLCGKAFTQC SHLRRHEK TH	GGA
QSHT	Human	YKCEECGKA FRQSSHLTTHK IH	MGA
QSNR1	Human	FECKDCGKA FIQKSNLIRHQ R TH	GAA
QSNR3	Human	YECEKCGKA FNQSSNLTRHKK SH	GAA
QSNV2	Human	YVCSKCGKAFTQSSNLTVHQK IH	MAA
QSSR1	Human	YKCPDCGKSFSQSSSLIRHQ R TH	GYA
QTHQ	Human	YECHDCGKSFRQSTHLTQHRR IH	HGA
RDHT	Human	FQCKTCQRKFSRSDHLKTHTR TH	NGG
RDER1	Human	YVCDVEGCTWK FARSDENRHKKR H	GCG
RSHR	Human	YKCMCEGKA FNRRSHLTRHQRI H	GGG
RSNR	Human	YICRKCGRGFSRKSNLIRHQ R TH	GAG
VSNV	Human	YECDHCGKA FSVSSNLNVHRR IH	AAT
VSSR	Human	YTCKQCGKA FSVSSSLRRHET TH	GTW
VSTR	Human	YECNYCGKTFSVSSTLIRHQRI H	GCW
DGAR	Phage display	18	GTC
DGHR	Phage display	18	GGC
DGNR	Phage display	18	GAC
DGNV	Phage display	19	AAC
DRDR	Phage display	18	GCC
GRER	Phage display	19	GCC
NDTR	Phage display	20	GTT
Qahr	Phage display	18	GGA
QGDR	Phage display	18	GCH
QGTR	Phage display	6	ACA
QSDR	Phage display	21	GCT
QSNR	Phage display	18	GAA
QSSR	Phage display	18	GTA
RDKR	Phage display	19	GGG

---

RDNR	Phage display	18	GAG
RDTN	Phage display	19	AAG
TDKR	Phage display	18	GGK
TGNR	Phage display	18	GAW

---