

**Additional file 1: Table S1. ZFP target sequences and finger designs.**

Name	Targeted sequence (partial UAS)	ZFDBD sequence	Linker
6ZFDBD (in ZFP <sub>6</sub> -VP64)	GAA CGT CGG AGC ACT GTC	<u>LEPGEKPYKCPECGKSFS</u> DPGA LVRHQ <del>RTH</del> <u>TGEKPYKCPECGKS</u> FSTHLDLIRHQ <del>RTH</del> <u>TGEKPYKCP</u> ECGKSFSERSH <del>LREHQ</del> <u>RTH</u> <u>TGEK</u> <u>PYKCPECGKSFSRSDKLTEHQ</u> <u>RTHTGEKPYKCPECGKSFS</u> SRRTCR AHQ <del>RTH</del> <u>TGEKPYKCPECGKSFS</u> QSSNLV <del>R</del> <u>HQ</u> <u>RTH</u> <u>TG</u> <u>KKTS</u>	N-term backbone: <u>YKCPECGKSFS</u> C-term backbone: <u>HQ</u> <u>RTH</u> ZF linker: <u>TGEKPY</u> N-term fixed: <u>LEPGEKPY</u> C-term fixed: <u>TGKKTS</u>
7ZFDBD (in ZFP <sub>7</sub> -VP64)	CCT CCG AAG GTC GGA GCA CTG	<u>LEPGEKPYKCPECGKSFS</u> RNDA L <del>TEHQ</del> <u>RTH</u> <u>TGEKPYKCPECGKS</u> SQSGDLRRHQ <del>RTH</del> <u>TGEKPYKCP</u> ECGKSFSQ <del>RAHLERHQ</del> <u>RTH</u> <u>TGE</u> <u>KPYKCPECGKSFS</u> DPGALV <del>RHQ</del> R <del>TH</del> <u>TGEKPYKCPECGKSFS</u> DSG NLRVHQ <del>RTH</del> <u>TGEKPYKCPECGK</u> SFSRNDL <del>TEHQ</del> <u>RTH</u> <u>TGEKPYKC</u> PECGKSFS <del>TKNSL</del> <u>TE</u> <u>HQ</u> <u>RTH</u> <u>TG</u> <u>KKTS</u>	