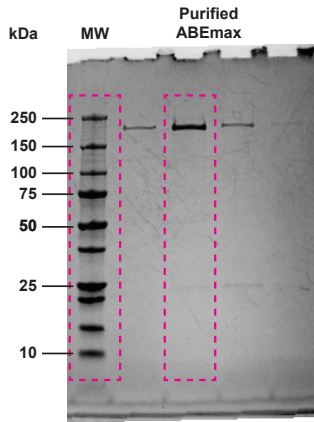


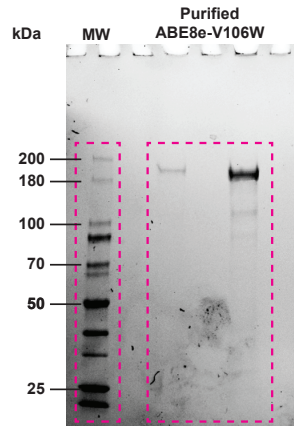
Supplementary Figure 1 - Uncropped Images

a. Protein Purification

1. Extended Data Fig. 1l: ABEMax purification - SDS-PAGE

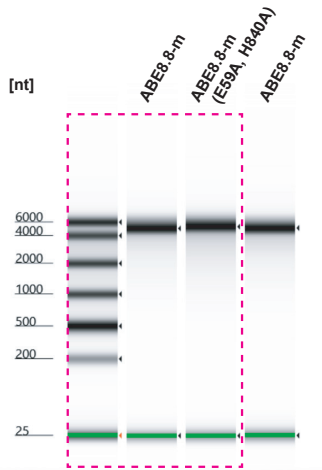


2. Extended Data Fig. 1l: ABE8e-V106W purification - SDS-PAGE

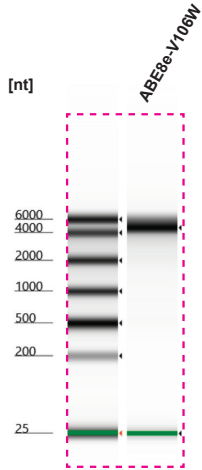


b. *In Vitro* RNA Synthesis

3. Extended Data Fig. 2d:
ABE8.8-m mRNA & inactive ABE8.8-m (E59A, H840A) mRNA
- RNA ScreenTape

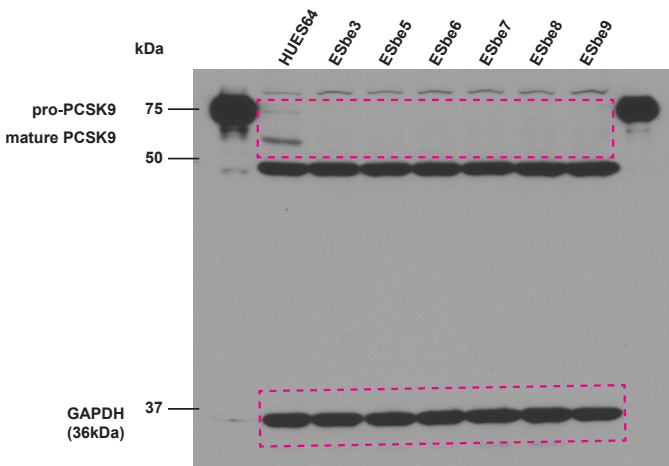


4. Extended Data Fig. 2f:
ABE8e-V106W mRNA
- RNA ScreenTape



c. Protein Detection

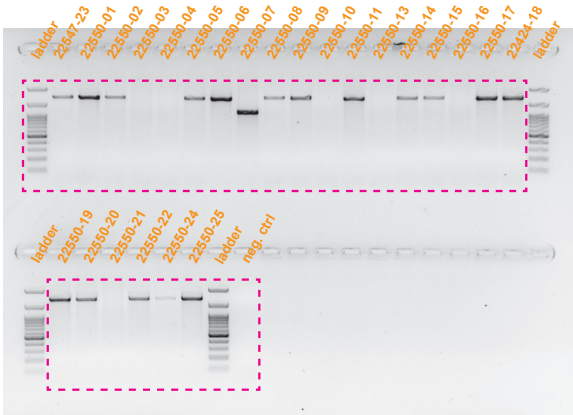
5. Fig. 2l: PCSK9 & GAPDH - Western blot



d. Long-range PCR Amplicon Analysis

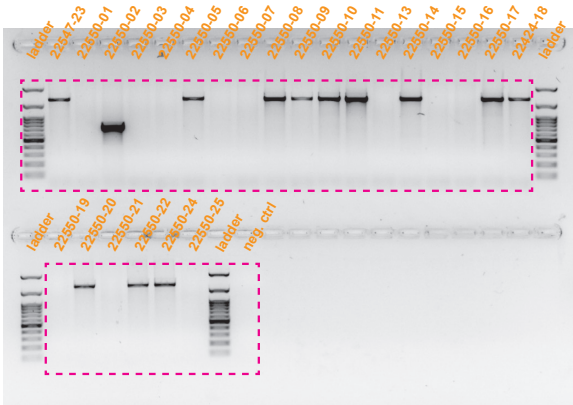
6

Fig. 3c: CRISPR-Cas9 targeting - *PCSK9* PCR & agarose gel electrophoresis



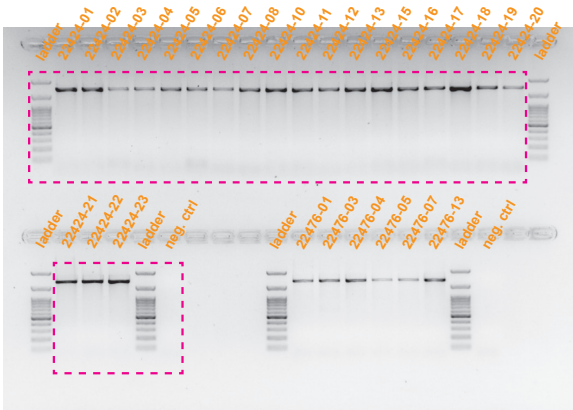
7

Fig. 3c: CRISPR-Cas9 targeting - *HBG2* PCR & agarose gel electrophoresis



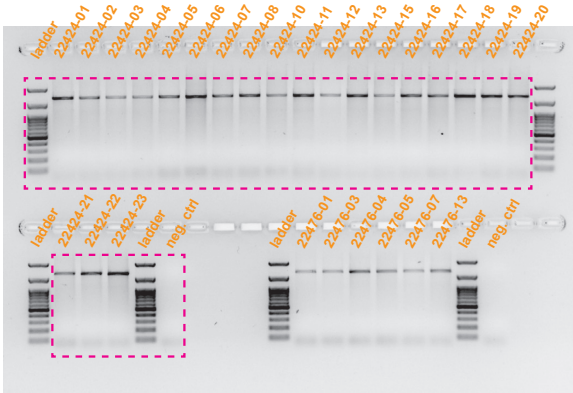
8

Fig. 3e: ABE editing - *PCSK9* PCR & agarose gel electrophoresis



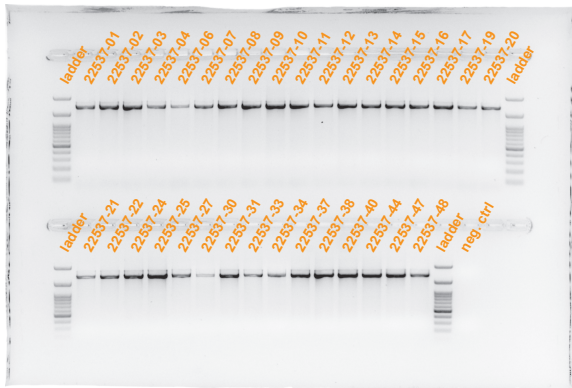
9

Fig. 3e: ABE editing - *HBG2* PCR & agarose gel electrophoresis



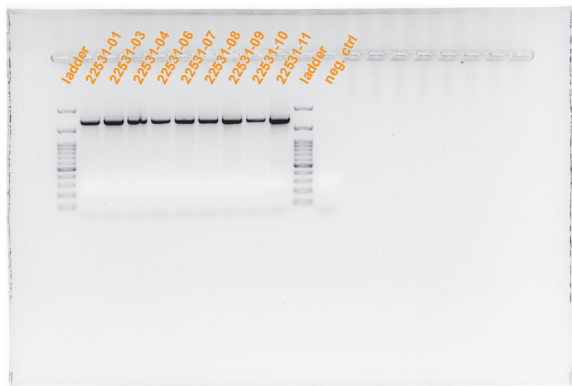
10

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



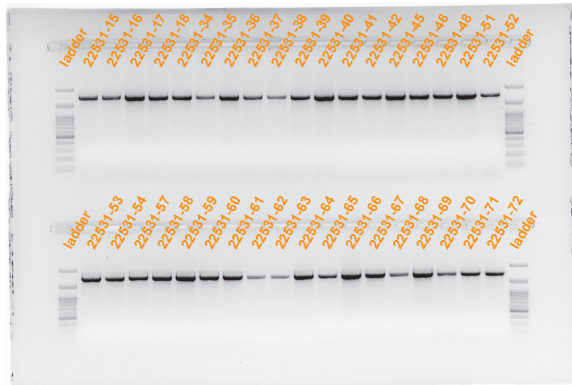
11

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



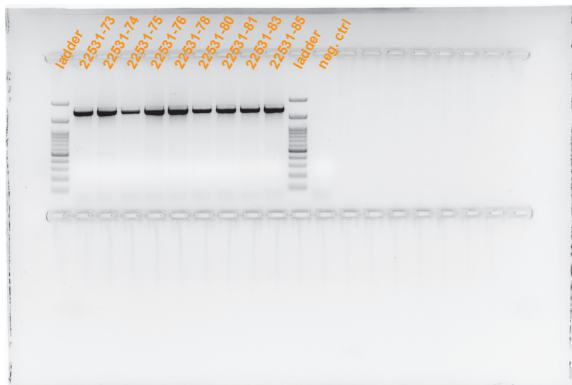
12

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



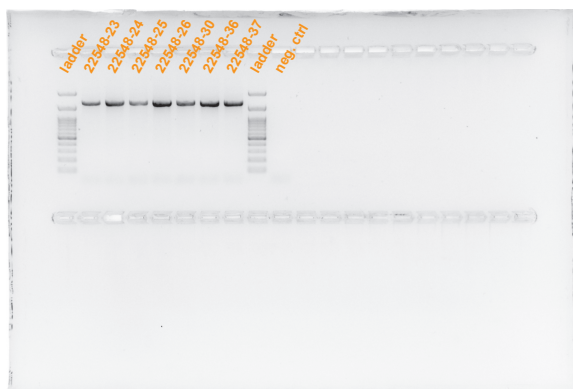
13

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



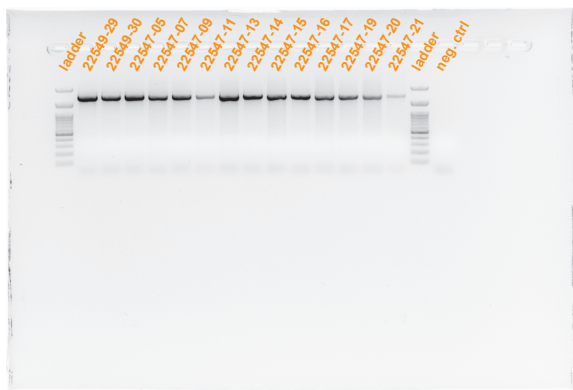
14

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



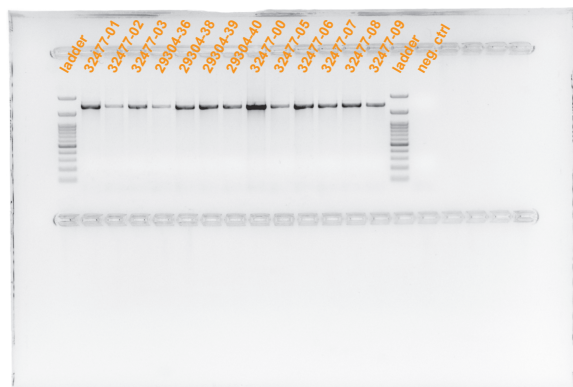
15

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



16

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis



17

Fig. 3f (quantification): ABE editing - PCSK9 PCR & agarose gel electrophoresis

