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Supplemental Figure 1

(A) Relative gene expression of CYP3A4 in C3A and C3A-dCas9-VP64-CYP3A4 cells with different gRNA combinations (* p < 0.05). (B) Relative gene expression of CYP3A4 in C3A-dCas9-VP64-CYP3A4 g5 and C3A cells from different passages. (C) Densitometric quantification of CYP3A4 shown in Figure 2B and Figure 4B (* p < 0.05). (D) CYP3A4 specific enzymatic activity in C3A, C3A-dCas9-VP64-CYP3A4 g5, C3A-CIB1-CRY2-CYP3A4 g5 (blue light irradiation), and C3A-CYP3A4 cells (*** p < 0.001).