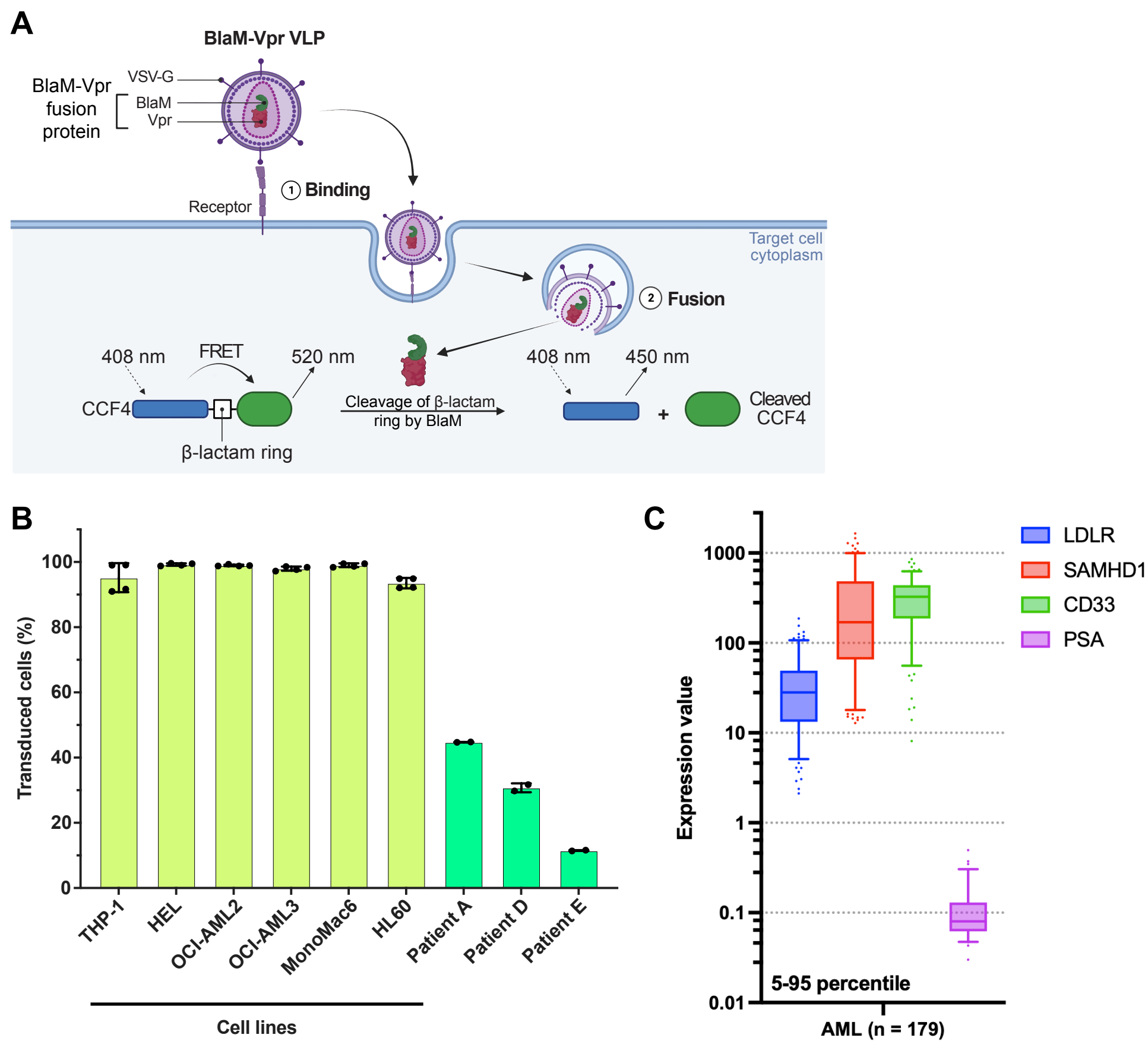




Supplementary Figure 5: Lower fusion efficiency of VSV-G pseudotyped VLPs in AML blasts despite good LDLR mRNA expression levels. **A**, Schematic of the virion fusion assay based on Cavois et al. [23]. **B**, AML cell lines and primary AML blasts were transduced with VSV-G pseudotyped BlaM-Vpr carrying VLPs. 4h post transduction, cells were stained with CCF4 dye overnight. After fixation with PFA, fusion levels were analyzed by flow cytometry. Shown are arithmetic means $\pm$ S.E.M. of 2 independent experiments for cell lines and technical replicates for primary AML blasts. **C**, Shown is the result of TCGA database analysis for LDLR, SAMHD1, CD33, and prostate-specific antigen (PSA) mRNA expression derived from 179 AML patients. PSA served as negative control (PSA expression values equal to 0 were excluded from the logarithmic blot).