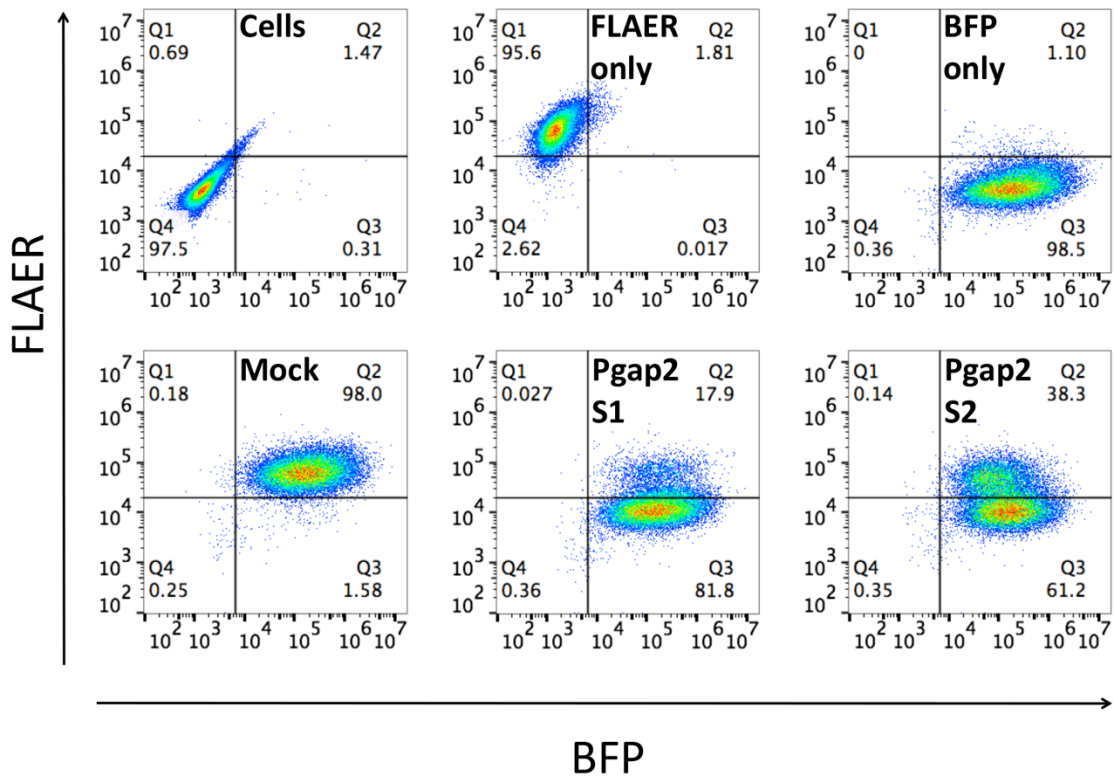


Enhancing the genome editing toolbox: genome wide CRISPR arrayed libraries

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Supplementary Figure 1. Flow cytometry analysis of FLAER stained cells using mouse ES cells transfected with sgRNAs against Pgap2 gene targeting site 1 and site 2. The sgRNA expressing cells were selected with puromycin from 24 hours post transfection throughout the cell culture term. Cells were analysed 7 days post transfection. Mock experiment was performed with non-targeting sgRNA. Cells: untransfected and unstained cells. FLAER only: untransfected and FLAER stained cells. BFP only: transfected cells with a non-targeting sgRNA construct and unstained. Mock: transfected cells with a non targeting sgRNA construct and FLAER stained. Pgap2 S1 and S2: transfected cells with sgRNAs targeting site 1 and site 2 of the Pgap2 gene and FLAER stained.