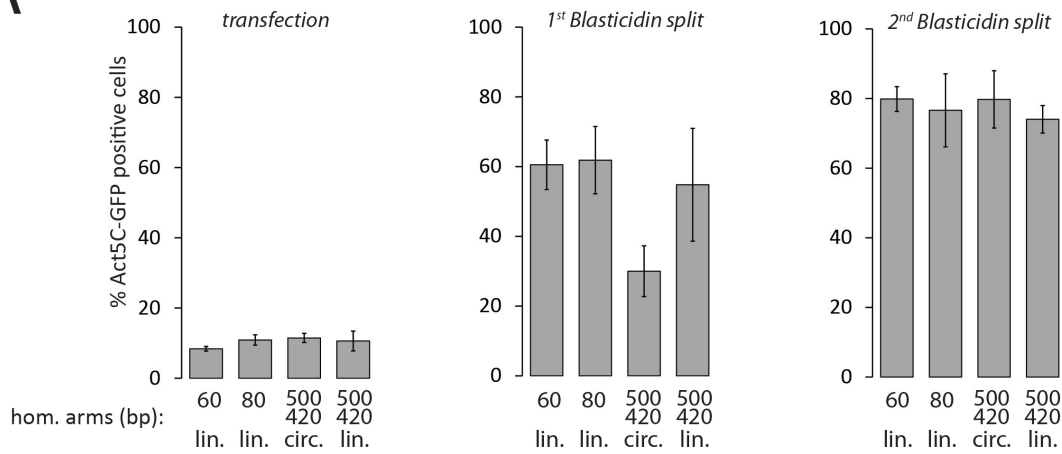
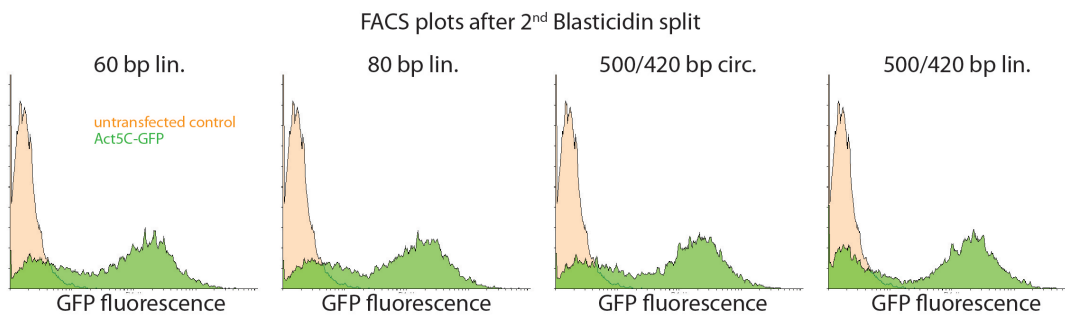


**A****B**

**Figure S2: Comparison of long and short homology arms**

A) Quantification of GFP-positive cells by flow cytometry before, during and after selection. The circular targeting vector is likely more stable in the cells after transfection and renders all transfected cells transiently Blastocidin resistant. This explains the lower frequency of Act5C-GFP positive cells after the first Blastocidin-split. Selection is nonetheless complete also for this sample after the second split.

B) Representative flow cytometry histograms comparing untransfected and selected cells from genome editing with the indicated homology arm length