

# PITCH designer 2.1 can Add Efficiency Annotations to the Knock-in Designs

Example of PITCH designer result

| Name                                | Sequence(5' ->3' )  |
|-------------------------------------|---|
| sgRNA target sequence (plus strand) | CTCTTAGGGCTGGGGTGC GG <b>CGG</b><br>>>>Check sgRNA specificity against genomic DNA using CRISPR |
| Left microhomology                  | GGCATCCACTCACCACGGGACTCTTAGGGCTGGGGTGC GG   |
| Right microhomology                 | GGGGAGGAGACGCCATTGAGGGTTCTGGGTTCTGCAGGGG  |
| Desirable labels                    | The PAM-distal G nucleotide in the plus strand  |
| Undesirable labels                  | None  |

