

Sequences of the customized overhangs for golden gate cloning into

- px458_Conc2 (Plasmid #134449),
- px458_Conc3 (Plasmid #134450),
- px459V2.0_Conc2 (Plasmid #134451)
- px459V2.0_Conc3 (Plasmid #134458)

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Publication: Gaebler AM, Hennig A, Buczolich K, Weitz J, Welsch T, Stange DE, Pape K.: Universal and Efficient Electroporation Protocol for Genetic Engineering of Gastrointestinal Organoids. J. Vis. Exp. 2020, e60704, doi:10.3791/60704

The sgRNAs can get introduced by golden gate cloning like described in Andersson-Rolf A et al.: Simultaneous paralogue knockout using a CRISPR-concatemer in mouse small intestinal organoids. Dev Biol. 2016. doi: 10.1016/j.ydbio.2016.10.016 using the following overhangs:

| | Sequences 5' to 3' | | |
|-----------------------|---------------------|-------------------|-----------------|
| | Cassette 1 | Cassette 2 | Cassette 3 |
| Conc2 vectors: | ACCGG[target]G | CCGG[target] | |
| | AAAAC[rc-target]C | AAAC[rc-target] | |
| Conc3 vectors: | CACCGG[target]GT | ACCGG[target]G | CCGG[target] |
| | TAAAAC[rc-target]CC | AAAAC[rc-target]C | AAAC[rc-target] |