

Fluorescence Assay for secreted FP:

- Day cultures containing antibiotics in 2xYT medium were inoculated with the strains from an agarplate and grown for 8 h at 37°C
- 10 ml overnight cultures with 1 % xylose in 2xYT medium were inoculated 1:50 from the day culture and grown for 16 h at 37°C
- To harvest the supernatant, 2 ml of the culture were centrifuged for 10 min at 3220 g
- The cell pellet was resuspended in fresh medium and tested as a control together with the supernatant and the cell culture
- The assay was implemented in a plate reader using a 96 well plate testing 100 µl of each sample
- The endpoint fluorescence of samples with sfGFP was measured at 510 nm with an excitation at 480 nm
- The excitation for mCherry was at 585 nm and the emission was measured at 615 nm