

## Supplementary Material

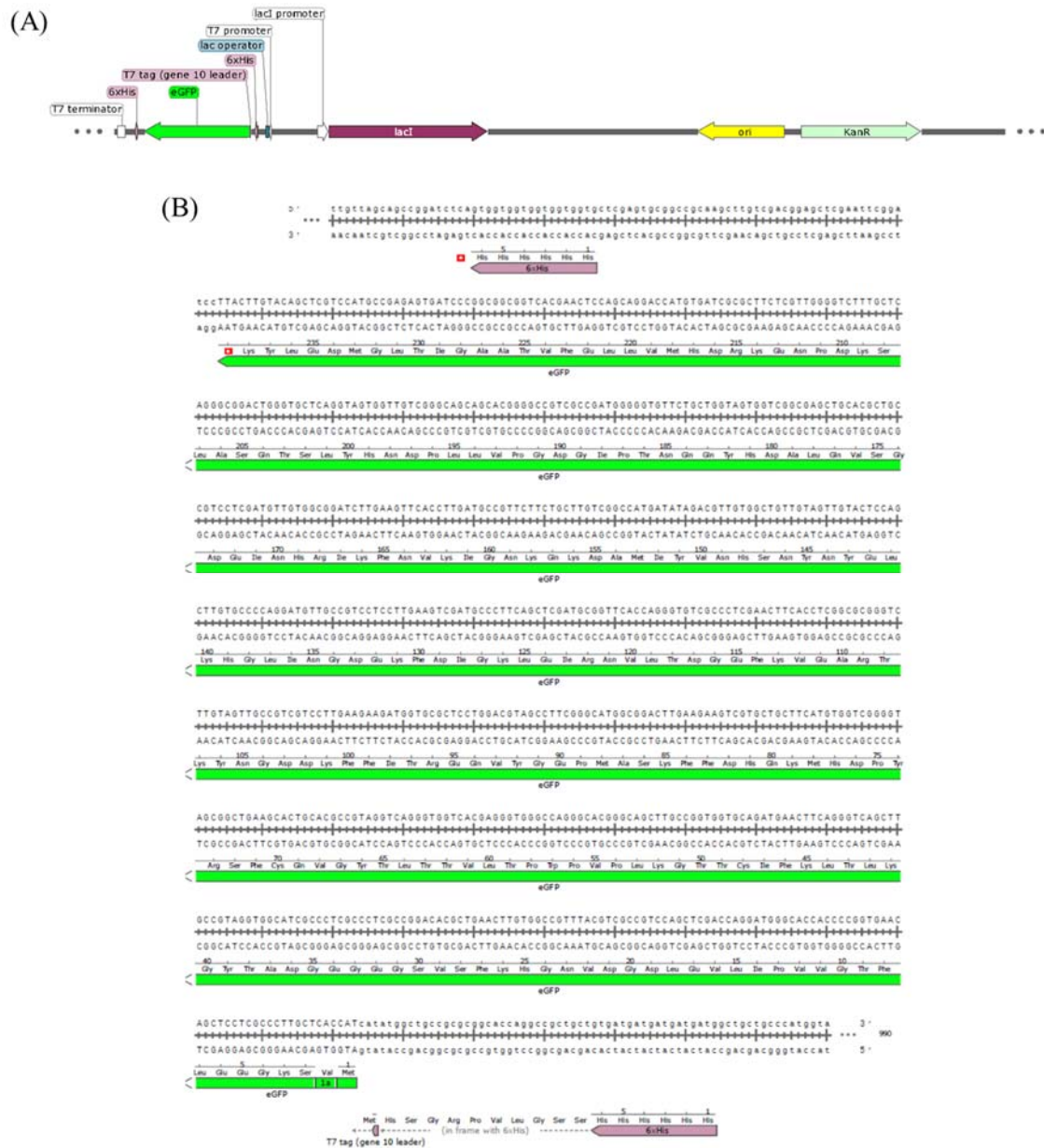
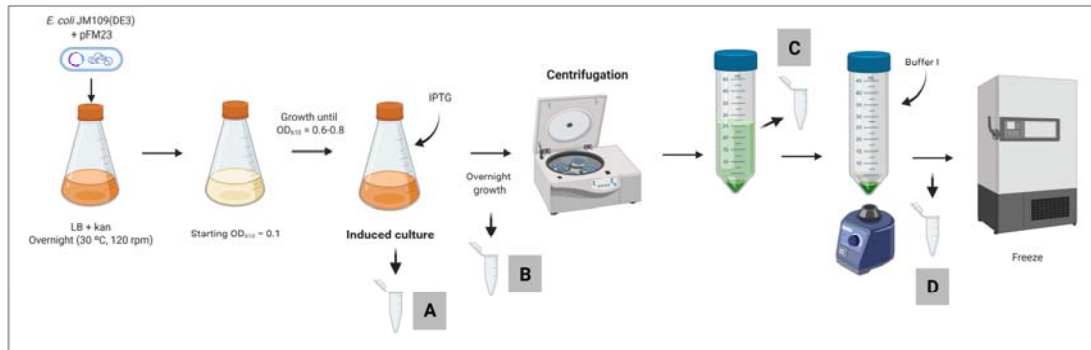
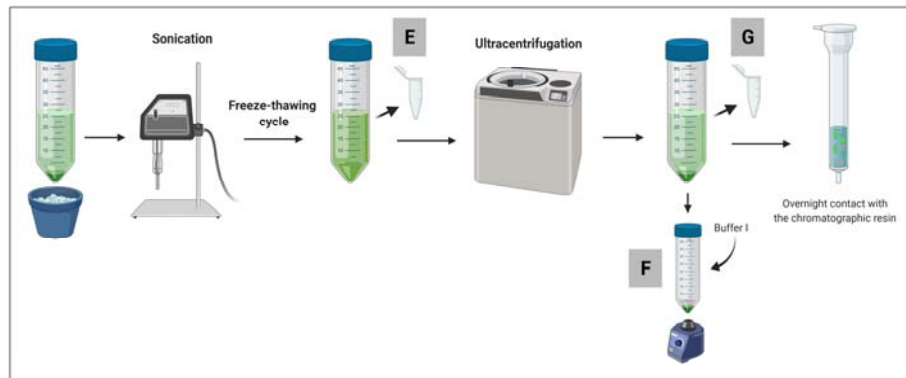


Figure S1. (A) Linear map of plasmid pFM23 showing in detail the (B) His-tag location and protein domain organization.

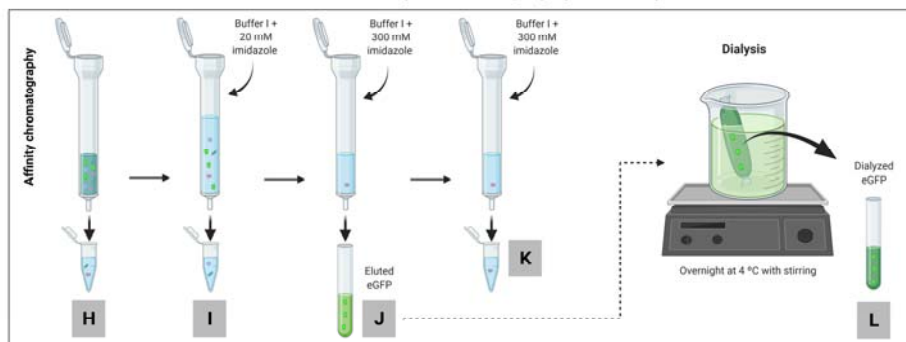
### Session 1 - Bacterial growth curve and chemical induction



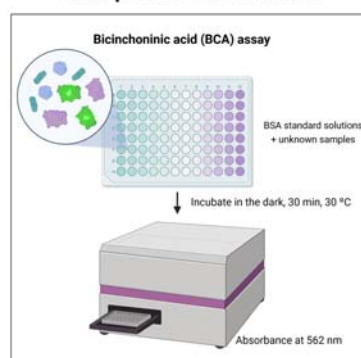
### Session 2 - Cell disruption and contact with the chromatographic resin



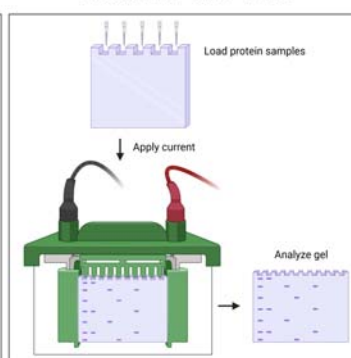
### Session 3 - Affinity chromatography and dialysis



### Session 4 - Total protein concentration



### Session 5 - SDS-PAGE



### Session 6 - eGFP concentration

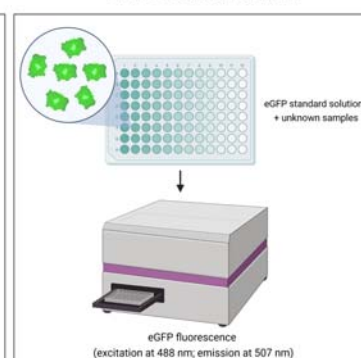


Figure S2. Summary scheme of tasks to be performed in each lab section. Special emphasis was placed on the samples to be kept, properly identified with a letter from A to L, for further analysis in Sessions 4, 5 and 6.

Table S1. List of reagents used for preparing an SDS-PAGE gel with a concentration of 15% in acrylamide

Reagents*	Separating gel	Stacking gel
40% acrylamide	5.63 mL	1.28 mL
2% bisacrylamide	0.65 mL	0.7 mL
1 M Tris-HCl pH 8.7	5.6 mL	-
1 M Tris-HCl pH 6.9	-	1.25 mL
10% SDS	150 $\mu$ L	100 $\mu$ L
H <sub>2</sub> O	1.1 mL	6.77 mL
TEMED	10 $\mu$ L	25 $\mu$ L
10% Ammonium persulphate	50 $\mu$ L	50 $\mu$ L

\* All the reagents were added except TEMED and ammonium persulphate that were only mixed when all the gel apparatus was ready to cast the gel.

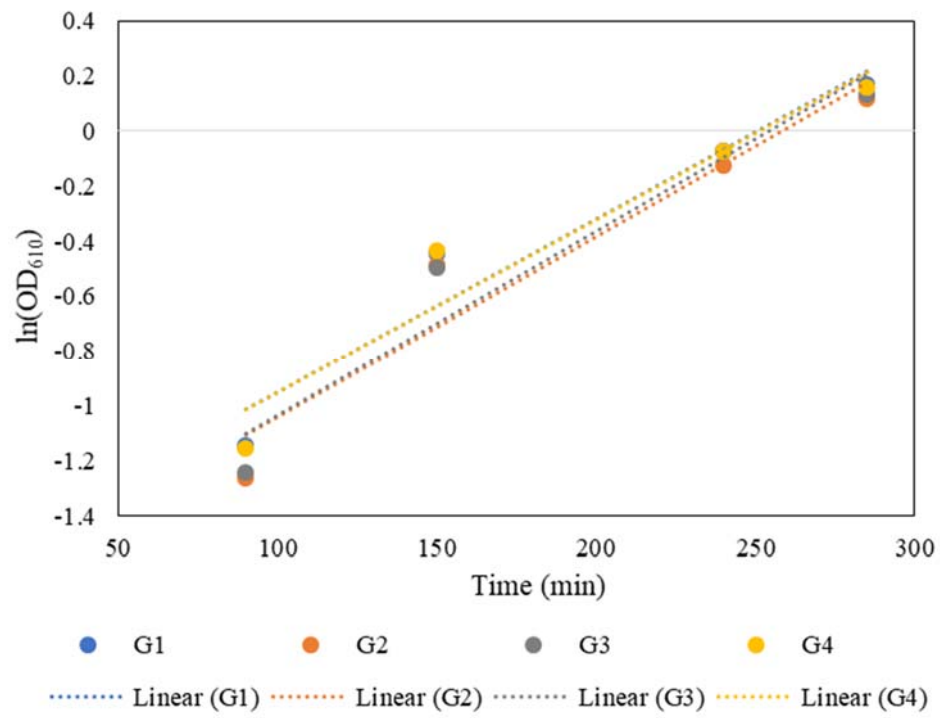


Figure S3. Logarithmic representation of the growth curves shown in Figure 3 to estimate the growth kinetics parameters ( $\mu_{max}$  and  $t_d$ ).

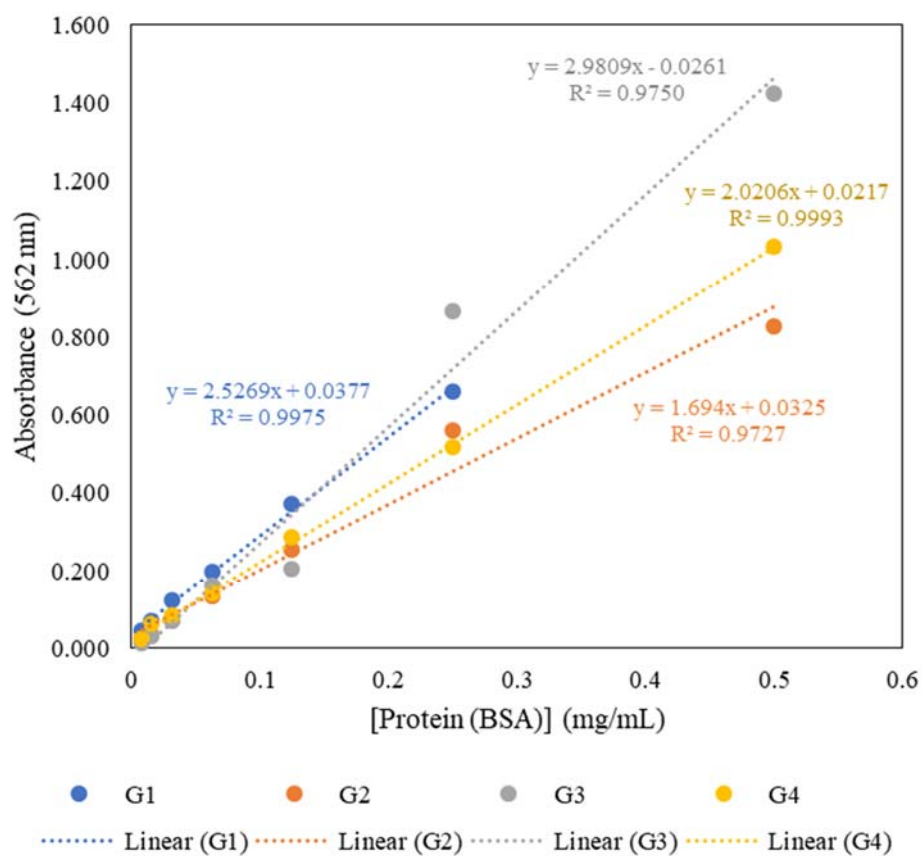


Figure S4. Comparison of the calibration curves obtained by the working groups (G1, G2, G3 and G4) for the bicinchoninic acid (BCA) assay.

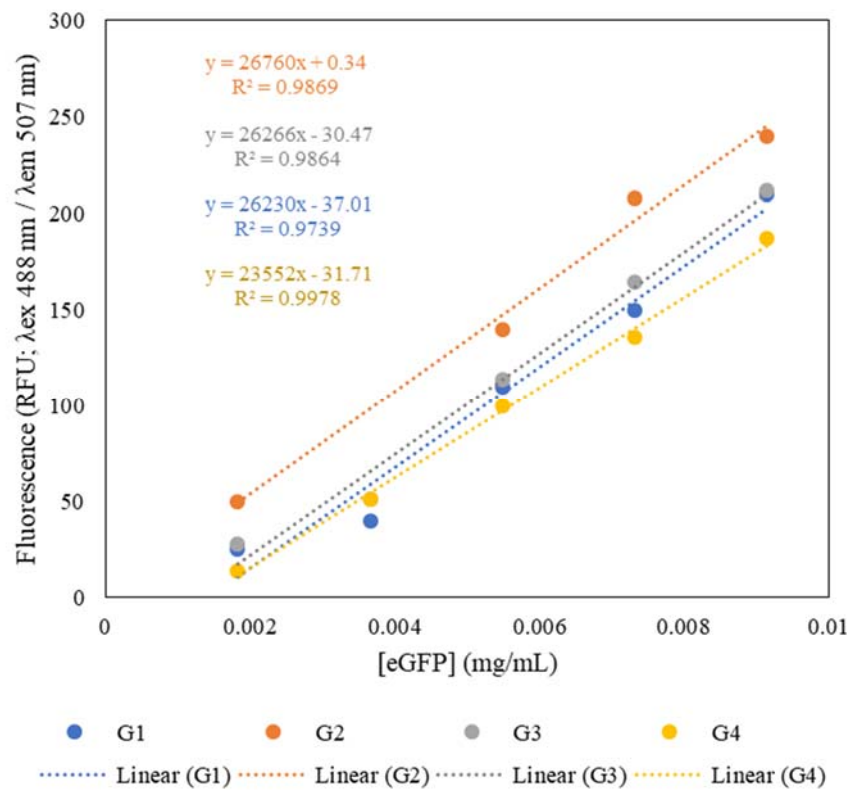


Figure S5. Comparison of the calibration curves obtained by the working groups (G1, G2, G3 and G4) for eGFP quantification.