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| **Perturbations** | **Culture conditions** | **Bacteria strain** |
| Control | M9 minimal medium + 0.4% (w/v) glucose + 0.1% (w/v) casamino acids, 37oC | MG1655z1 or BL21Pro |
| +Plasmids | M9 minimal medium + 0.4% (w/v) glucose + 0.1% (w/v) casamino acids, 37oC | MG1655z1+**p15aTetCFP** orBL21Pro+**p15aTetCFP** |
| ↓Temperature  | M9 minimal medium + 0.4% (w/v) glucose + 0.1% (w/v) casamino acids, **30oC** | MG1655z1 or BL21Pro |
| ↓Nutrient | M9 minimal medium + **0.1% (w/v) glucose**, 37oC | MG1655z1 or BL21Pro |

Note: Bold letters represent growth perturbations as compared to the control.