**Table S4. Experimental results used for determination of double transformation percentage.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Mass of Plasmid (ng)*** | ***Plasmid Antibiotic Resistance*** | ***Number of CFU's on Plate*** | | | ***% Double Transformants*** |
|  |  | **Amp Plate** | **Kan Plate** | **Amp+Kan Plate** |  |
| 0 | - | <10 | <10 | <10 | N/A |
| 10 | Amp | 690,000 | <10 | <10 | N/A |
| 5 | Kan | <10 | 250,000 | <10 | N/A |
| 40 | 100:1 Amp:Kan | 2,200,000 | 16000 | 310 | 1.9% |