

A

x 180

B

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| 155 |
| 165 |
| 120 |
| 253 |

C mean colonies per plate: 173.25
standard deviation: 49
calculated # integrants: 31185 ± 8820 colonies

Additional file 5. Estimating number of integration events. (A) We performed the FLP/FRT transfection on forty-five 10cm² plates, then diluted the cells from each plate to four plates, resulting in a total of one hundred and eighty plates. (B) Counts of integration events. After selecting with hygromycin for 10-11 days, we counted the number of cell colonies, indicating individual integration events, on four plates. (C) Calculating total number integration events based on counts in B.