

Materials List for:

Site-specific Bacterial Chromosome Engineering: Φ C31 Integrase Mediated Cassette Exchange (IMCE)

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URL: <https://www.jove.com/video/3698>

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Materials

| Name | Company | Catalog Number | Comments |
|------------------------------|------------------------|------------------------|------------------------------|
| Streptomycin | BioShop Canada | STP101 | |
| Spectinomycin | BioShop Canada | SPE201 | |
| Gentamicin | BioShop Canada | GTA202 | |
| Choramphenicol | BioShop Canada | CLR201 | |
| Tetracycline | BioShop Canada | TET701 | |
| Kanamycin | BioShop Canada | KAN201 | |
| Bacteriological grade agar | BioShop Canada | AGR001 | |
| Tryptone | BioShop Canada | TRP402 | |
| Yeast Extract | BioShop Canada | YEX401 | |
| Sodium Chloride | BioShop Canada | SOD001 | |
| Calcium Chloride | BioShop Canada | CCL444 | |
| X-gluc | Gold Biotechnology | G1281C1 | |
| <i>E. coli</i> MT616 strain | Available upon request | | Also used outside of our lab |
| <i>E. coli</i> pJC2 strain | In House | | |
| <i>E. coli</i> pJH110 strain | In House | | |
| SmUW227 strain | In House | | |