

**Materials List for:**

# A New Screening Method for the Directed Evolution of Thermostable Bacteriolytic Enzymes

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URL: <https://www.jove.com/video/4216>

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## Materials

| Name                                                   | Company                       | Catalog Number | Comments |
|--------------------------------------------------------|-------------------------------|----------------|----------|
| B-PER II Bacterial Protein Extraction Reagent          | Thermo Scientific             | 78260          |          |
| GeneMorph II Random Mutagenesis Kit                    | Agilent Technologies          | 200500         |          |
| Clear 96 Well, Flat-bottomed Microtiter Plate With Lid | BD Vacutainer Labware Medical | 353072         |          |
| 96 Well Nonskirted PCR Plates                          | Fisher Scientific             | 14-230-232     |          |
| Swing-bucket Rotor                                     | Eppendorf                     | A-2-DWP        |          |
| Ampicillin Sodium Salt                                 | Fisher Scientific             | BP1760         |          |
| Chloramphenicol                                        | Fisher Scientific             | BP904          |          |
| Arabinose                                              | Fisher Scientific             | BP2504         |          |
| pBAD24 Expression Vector                               | ATCC                          | 87399          |          |
| pBAD33 Expression Vector                               | ATCC                          | 87402          |          |