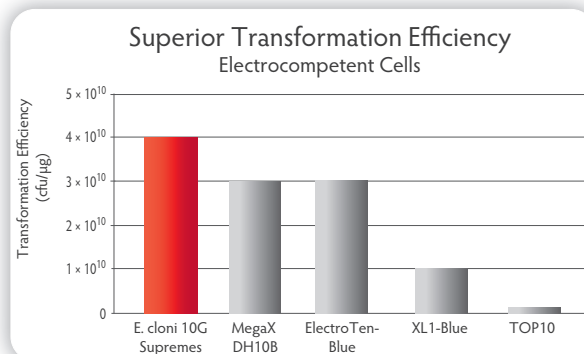




# *E. cloni*<sup>®</sup> Competent Cells

## High Transformation Efficiency for General Cloning Needs

- Direct replacements for standard cloning strains (e.g., DH5a<sup>™</sup>, DH10B<sup>™</sup>, TOP10, XL1-Blue, etc.)
- Optimized genetics for high yields: phage T1 resistant, endonuclease and recombination minus, blue/white screening-capable.
- Available in a range of high transformation efficiencies ( $1 \times 10^6$  to  $4 \times 10^{10}$  cfu/ $\mu$ g).



### GENOTYPES:

**E. cloni 10G:** F- mcrA  $\Delta$ (mrr-hsdRMS-mcrBC) endA1 recA1  $\Phi$ 80dlacZ $\Delta$ M15  $\Delta$ lacX74 araD139  $\Delta$ (ara, leu)7697 galU galK rpsL nupG  $\lambda$ - tonA

**E. cloni 10GF<sup>+</sup>:** [F' pro A+B+ lacIqZ $\Delta$ M15::Tn10 (Tet<sup>R</sup>)] /mcrA  $\Delta$ (mrr-hsdRMS-mcrBC) endA1 recA1  $\Phi$ 80dlacZ $\Delta$ M15  $\Delta$ lacX74 araD139  $\Delta$ (ara, leu)7697 galU galK rpsL nupG  $\lambda$  tonA

**Replicator v2.0:** F- mcrA  $\Delta$ (mrr-hsdRMS-mcrBC) endA1 recA1  $\Phi$ 80dlacZ $\Delta$ M15  $\Delta$ lacX74 araD139  $\Delta$ (ara, leu)7697 galU galK rpsL nupG (attL araC-PBAD-trfA250 bla attR)  $\lambda$ -. Note that Replicator v2.0 cells are Amp<sup>R</sup> (bla gene).

**E. cloni 5-alpha:** fhuA2 $\Delta$ (argF-lacZ)U169 phoA glnV44  $\Phi$ 80  $\Delta$ (lacZ)M15 gyrA96 recA1 relA1 endA1 thi-1 hsdR17

| Products                                                                              | Cat. No. | Size               | Price |
|---------------------------------------------------------------------------------------|----------|--------------------|-------|
| <b>Electrocompetent Cells</b>                                                         |          |                    |       |
| <i>E. cloni</i> 10G SUPREME<br>( $\geq 4 \times 10^{10}$ cfu/ $\mu$ g)                | 60081-1  | 12 rxns (SOLOs)    | \$282 |
|                                                                                       | 60081-2  | 24 rxns (SOLOs)    | \$500 |
|                                                                                       | 60080-1  | 12 rxns (DUOs)     | \$247 |
|                                                                                       | 60080-2  | 24 rxns (DUOs)     | \$455 |
| <i>E. cloni</i> 10G ELITE<br>( $\geq 2 \times 10^{10}$ cfu/ $\mu$ g)                  | 60051-1  | 12 rxns (SOLOs)    | \$183 |
|                                                                                       | 60051-2  | 24 rxns (SOLOs)    | \$318 |
|                                                                                       | 60052-1  | 12 rxns (DUOs)     | \$159 |
|                                                                                       | 60052-2  | 24 rxns (DUOs)     | \$276 |
| SAMPLE                                                                                | 60052-3  | 24 rxns (SixPacks) | \$212 |
|                                                                                       | 60052-4  | 48 rxns (SixPacks) | \$352 |
|                                                                                       | 60052-0  | 4 rxns (DUOs)      | \$0   |
|                                                                                       |          |                    |       |
| <i>E. cloni</i> 10G CLASSIC<br>( $\geq 5 \times 10^9$ cfu/ $\mu$ g)                   | 60117-1  | 24 rxns (SixPacks) | \$181 |
|                                                                                       | 60117-2  | 48 rxns (SixPacks) | \$325 |
| <i>E. cloni</i> 10GF <sup>+</sup><br>( $\geq 2 \times 10^{10}$ cfu/ $\mu$ g)          | 60061-1  | 12 rxns (DUOs)     | \$158 |
|                                                                                       | 60061-2  | 24 rxns (DUOs)     | \$274 |
| BAC-Optimized Replicator <sup>™</sup> v2.0<br>( $\geq 2 \times 10^{10}$ cfu/ $\mu$ g) | 60210-1  | 12 rxn (DUOs)      | \$180 |
|                                                                                       | 60210-2  | 24 rxn (DUOs)      | \$314 |
| <i>E. cloni</i> 10G BAC-Optimized<br>( $\geq 1 \times 10^{10}$ cfu/ $\mu$ g)          | 60215-1  | 10 rxns (FIVERS)   | \$131 |
|                                                                                       | 60215-2  | 25 rxns (FIVERS)   | \$299 |

| Products                                                                       | Cat. No. | Size                  | Price |
|--------------------------------------------------------------------------------|----------|-----------------------|-------|
| <b>Chemically Competent Cells</b>                                              |          |                       |       |
| <i>E. cloni</i> 10G<br>( $\geq 1 \times 10^9$ cfu/ $\mu$ g)                    | 60106-1  | 12 rxns (SOLOs)       | \$132 |
|                                                                                | 60106-2  | 24 rxns (SOLOs)       | \$230 |
|                                                                                | 60106-3  | 48 rxns (SOLOs)       | \$383 |
|                                                                                | 60107-1  | 12 rxns (DUOs)        | \$115 |
|                                                                                | 60107-2  | 24 rxns (DUOs)        | \$201 |
|                                                                                | 60107-3  | 48 rxns (DUOs)        | \$332 |
|                                                                                | 60107-4  | 96 rxns (DUOs)        | \$591 |
| SAMPLE                                                                         | 60107-0  | 4 rxns (DUOs)         | \$0   |
|                                                                                |          |                       |       |
| <i>E. cloni</i> 10G (subcloning grade)<br>( $\geq 1 \times 10^6$ cfu/ $\mu$ g) | 60108-1  | 48 rxns (12 rxn/tube) | \$66  |
|                                                                                | 60108-2  | 96 rxns (12 rxn/tube) | \$128 |
| <i>E. cloni</i> 10GF <sup>+</sup><br>( $\geq 5 \times 10^8$ cfu/ $\mu$ g)      | 60062-1  | 12 rxns (DUOs)        | \$112 |
|                                                                                | 60062-2  | 24 rxns (DUOs)        | \$195 |
| <i>E. cloni</i> 5-alpha<br>( $\geq 1 \times 10^8$ cfu/ $\mu$ g)                | 60602-1  | 12 rxns (DUOs)        | \$107 |
|                                                                                | 60602-2  | 24 rxns (DUOs)        | \$185 |

### ORDER INFORMATION

Competent Cells include Control DNA and Recovery Medium, and are packaged as SOLOs (1 transformation per tube), DUOs (2 transformations per tube), FIVERS (5 transformations per tube), SixPacks (6 transformations per tube), or subcloning grade (12 transformations per tube). Recovery Medium is also available separately.

Samples available at [lucigen.com/samples](http://lucigen.com/samples).



**PLEASE NOTE:** Bulk quantities, custom packaging, and custom strains available at very attractive prices. Contact us at [custserv@lucigen.com](mailto:custserv@lucigen.com) to inquire.

#### Lucigen Corporation

Phone: 608 831 9011  
Toll Free: 888 575 9695  
Fax: 608 831 9012

[www.lucigen.com](http://www.lucigen.com)  
[custserv@lucigen.com](mailto:custserv@lucigen.com)  
[techsupport@lucigen.com](mailto:techsupport@lucigen.com)



For research or investigational use only. F300-US032016

**Lucigen<sup>®</sup>**  
Simplifying Genomics