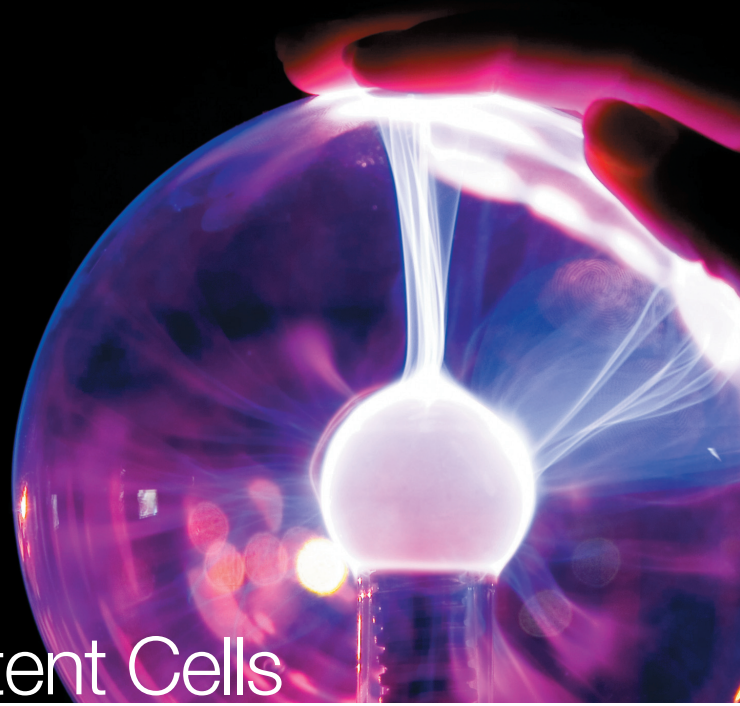


## Handling Large Plasmids?

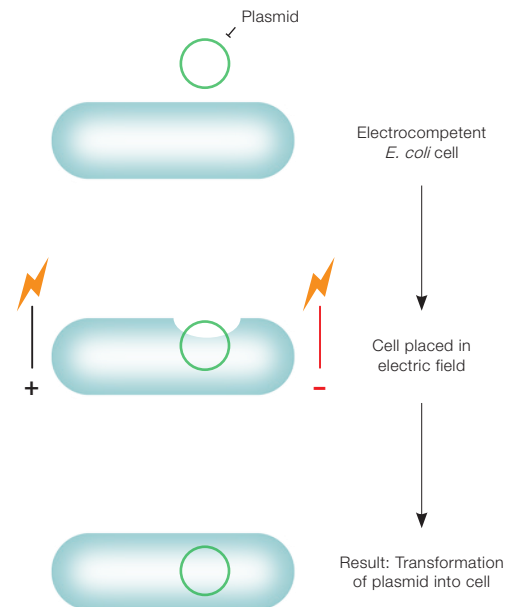


# ElectroSHOX Competent Cells

- Efficient Transformation of Large Plasmids (>30Kb)
- Highest Efficiency Available: >10<sup>10</sup> cfu/μg pUC19
- Facilitates the cloning of methylated genomic DNA
- Enables Blue/White Color Screening

ElectroSHOX Competent Cells are highly efficient *Escherichia coli*, ideal for the construction of cDNA or genomic libraries using electroporation. The *lacZ* mutation allows blue/white color screening and  $\alpha$ -complementation of recombinants. The *recA1* and *endA1* markers minimise recombination events and improve the quality and yield of plasmid DNA. In order to facilitate cloning of methylated genomic DNA, ElectroSHOX lacks *E. coli* K restriction-modification systems, and is ideal for the transformation of large plasmids (>30Kb).

Genotype: F<sup>-</sup> *mcrA* Δ(*mrr-hsdRMS-mcrBC*) φ80*lacZ*Δ*M15* Δ*lacX74* *recA1* *endA1* *ara*Δ139 Δ(*ara, leu*)7697 *galU* *galK*λ-rpsL (StrR) *nupG*



### ElectroSHOX Competent Cells

DESCRIPTION	PACK SIZE	CAT NO.
ElectroSHOX Competent Cells	1ml (10 x 100μl)	BIO-85038