

Endura Competent Cells

Recommended for CRISPR lentiviral guide RNA libraries

- Stabilise repetitive or unstable DNA sequences
- Recommended for high efficiency propagation of GeCKO CRISPR libraries*
- Ideal for single-guide RNA lentiviral library construction**
- Excellent transformation efficiency:
Electrocompetent $\geq 1 \times 10^{10}$ cfu/ μ g
Chemically competent $\geq 1 \times 10^7$ cfu/ μ g

* As referenced in the GeCKO Genome-scale CRISPR Knock-Out protocol by Zhang Lab: <http://bit.ly/CRISPR-Endura>

** As referenced in the Single Guide RNA Library Design and Construction Protocol by Cold Spring Harbor: <http://bit.ly/ma-crispr>

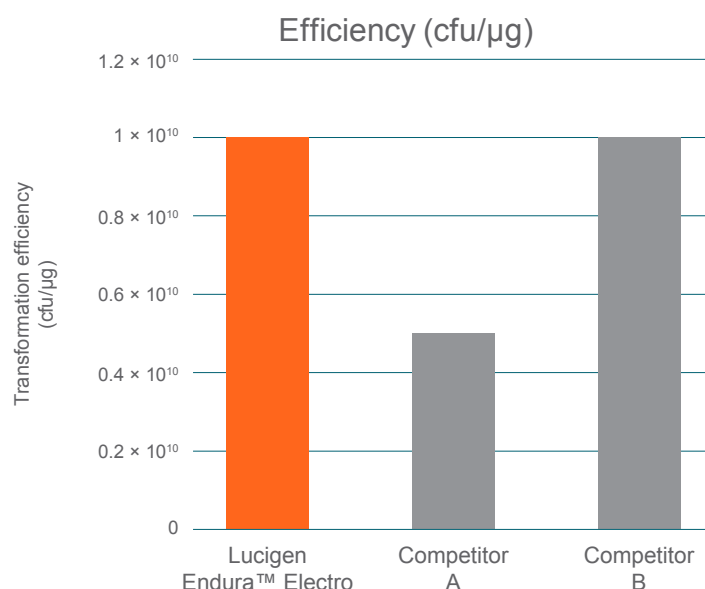


Figure 1: Transformation efficiencies of electrocompetent clone-stabilising strains.



Customise your Competent Cells for your application with bulk quantities or custom dispense volumes in plates or tubes, using our strains or yours. Visit lucigen.com/customcells to get started.

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Ordering information

Cat no.	Size	Description
Electro Competent Cells		
60242-1	12 rxns (DUO)	Endura Electrocompetent Cells
60242-2	24 rxns (DUO)	
Chemically Competent Cells		
60240-1	12 rxns (DUO)	Endura Chemically Competent Cells
60240-2	24 rxns (DUO)	
60241-1	12 rxns (DUO)	
60241-2	24 rxns (DUO)	

Endura Competent Cells specification

Genotype	Endura: recA13 supE44 ara-14 galK2 lacY1 proA2 rpsL20(StrR) xyl-5 λ ⁻ leu mtl-1 F ⁻ mcrB mrr hsdS20(rB ⁻ , mB ⁻)
Components	Endura Competent Cells include Control DNA and Recovery Medium, and are packaged as SOLOs (1 transformation per tube) or DUOs (2 transformations per tube) as indicated. Recovery Medium is also available separately.

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