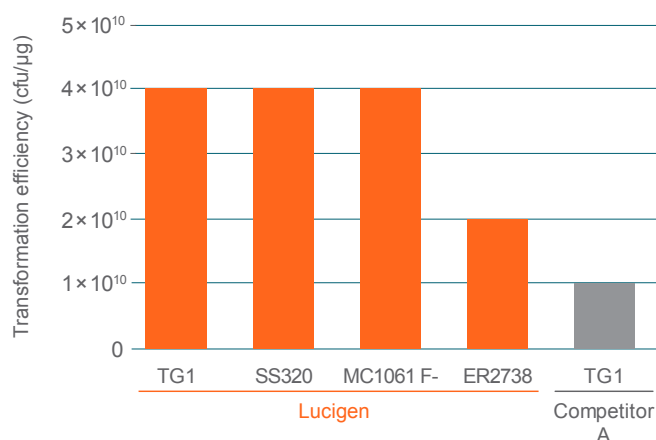


Competent Cells for larger phage display libraries

Choose the highest efficiency electrocompetent cells available!

Superior transformation efficiency

- Generate larger libraries with greater diversity to speed discovery
- Select from amber suppressor and non-amber suppressor strains
- Customise your cells to suit your project with bulk or custom dispensing



Cell lines	Transformation efficiency (cfu/µg pUC DNA)	Cloning methylated DNA	Blue/white screening*	Amber suppressor strain	F' plasmid
TG1	≥4 × 10 ¹⁰	✓	✓	✓	✓
SS320 (MC1061 F')	≥4 × 10 ¹⁰	✓	✓		✓
ER2738	≥2 × 10 ¹⁰	✓	✓	✓	✓
MC1061 F-	≥4 × 10 ¹⁰	✓	✓		

Table 1. Competent cells for phage Display Libraries * IPTG induction required

Ordering information

Cat no.	Size	Description
60502-1	12 rxns	TG1 Electrocompetent Cells
60502-2	24 rxns	
60512-1	12 rxns	SS320 (MC1061 F') Electrocompetent Cells
60512-2	24 rxns	
60514-1	12 rxns	MC1061 F- Electrocompetent Cells
60514-2	24 rxns	
60522-1	12 rxns	ER2738 Electrocompetent Cells
60522-2	24 rxns	

Competent Cells specification

Genotypes	<p>TG1: [F' traD36 proAB lacIqZ ΔM15] supE thi-1 Δ(lac-proAB) Δ(mcrB-hsdSM)5(rK - mK -)</p> <p>SS320 (MC1061F'): F'[proAB lacIqZ ΔM15 Tn10 (TetR)] araD139 Δ(ara-leu)7696 galE15 galK16 Δ(lac)X74 rpsL (StrR) hsdR2 (rK- mK+) mcrA mcrB1</p> <p>MC1061 F-: F-, araD139 Δ(ara-leu)7696 galE15 galK16 Δ(lac)X74 rpsL (StrR) hsdR2 (rK- mK+) mcrA mcrB1</p> <p>ER2738: [F'proA+B+ lacIq Δ(lacZ)M15 zzf::Tn10 (TetR)] fhuA2 glnVΔ(lac-proAB) thi-1Δ(hsdS-mcrB)5</p>
Components	Competent Cells include Control DNA and Recovery Medium, and are packaged as DUOs (2 transformations per tube). Recovery Medium is also available separately. The specified transformation efficiencies are with pUC DNA, unless indicated otherwise.



Customise your Competent Cells for your application with bulk quantities or custom dispense volumes in plates or tubes, using our strains or yours.

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