# pETcon(-)

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|---|---|
| **Vector ID** | V009174 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 6173 bp |
| **Vector Type** | Yeast Expression |
| **Host** | Yeast |

## Product Information

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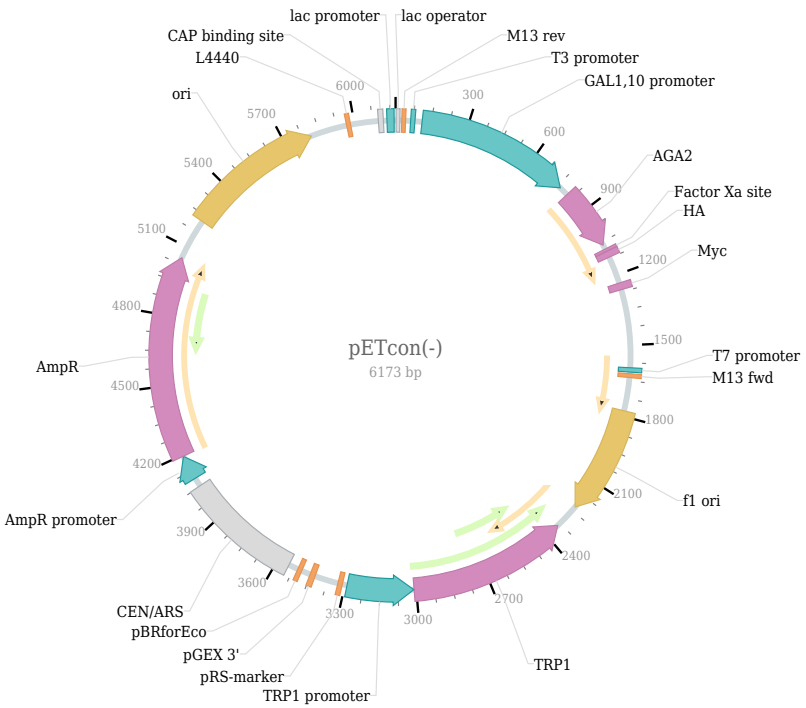
| **Replication Origin** | ori |
| **Source/Author** | Andrew Scharenberg Lab |
| **Selection Marker** | TRP1 |
| **Copy Number** | High Copy |
| **Promoter** | GAL1,10 |
| **Cloning Method** | Restriction Enzyme |
| **5' Primer** | GAL1 |
| **3' Primer** | T7 |
| **Growth Strain(s)** | DH10B |
| **Comment** | pETcon(-) is a yeast expression vector featuring the inducible GAL1 promoter, TRP1 selectable marker, and ampicillin resistance. It contains epitope tags (HA, Myc) and is designed for yeast surface display applications, particularly for expressing proteins as Aga2p fusions. |

## Vector Map



## Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.