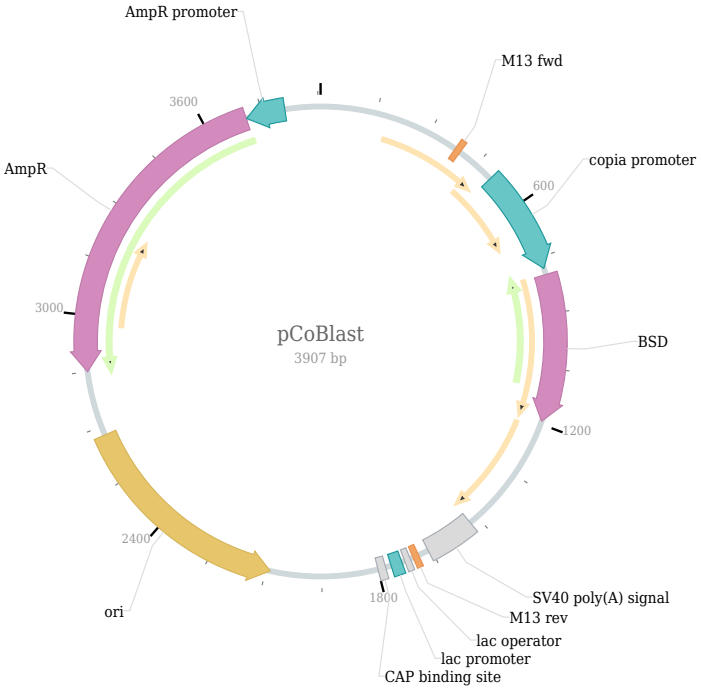
# pCoBlast

| | |
|---|---|
| **Vector ID** | V011655 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 3907 bp |
| **Vector Type** | Insect Cell Vectors |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Source/Author** | Invitrogen (Life Sciences) |
| **Copy Number** | High copy number |
| **Promoter** | copia |
| **Growth Strain(s)** | DH10B |
| **Comment** | pCoBlast is a plasmid commonly used in molecular biology research, and it can be co-transfected with an insect expression vector into insect cells. In detail, pCoBlast is a DES selection vector for generating stable Drosophila S2 cell lines; contains the bsd blasticidin resistance gene driven by the Drosophila copia promoter, plus an ampicillin resistance gene for bacterial propagation. |

## 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 ℃.