# pBI121-mOrange2-6×His

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|---|---|
| **Vector ID** | V014544 |
| **Antibiotic Resistance** | Kanamycin |
| **Length** | 13620 bp |
| **Vector Type** | Gene expression |
| **Host** | Plants |

## Product Information

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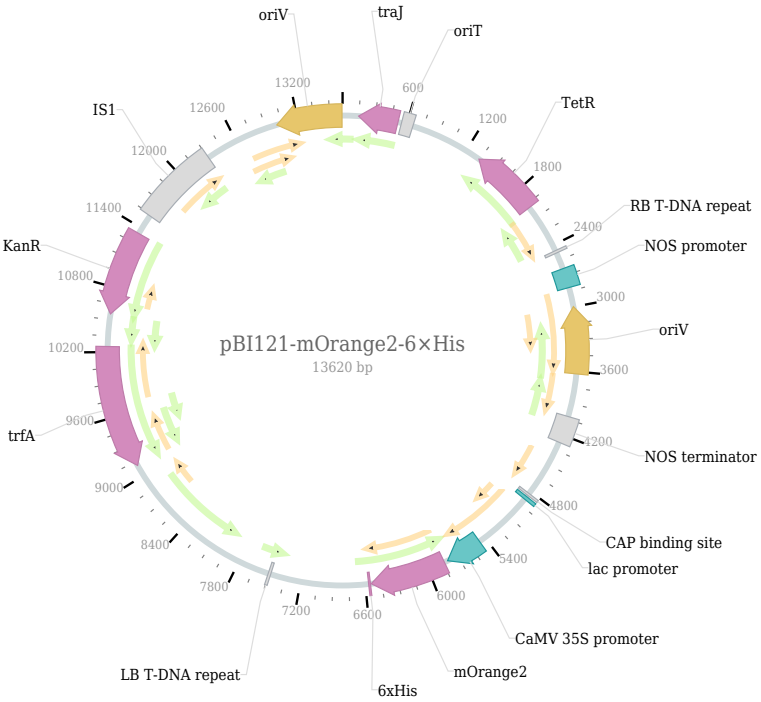
|---|---|
| **Replication Origin** | oriV |
| **Selection Marker** | Neo/G418 |
| **Copy Number** | Low |
| **Promoter** | CaMV35S(long) |
| **Growth Strain(s)** | DH10B |
| **Growth Temperature** | 37℃ |
| **Comment** | pBI121-mOrange2-6xHis is a plant binary vector based on pBI121, expressing mOrange2 with C-terminal 6xHis tag under CaMV 35S promoter, for orange fluorescence tracking and protein purification. |

## 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 ℃.