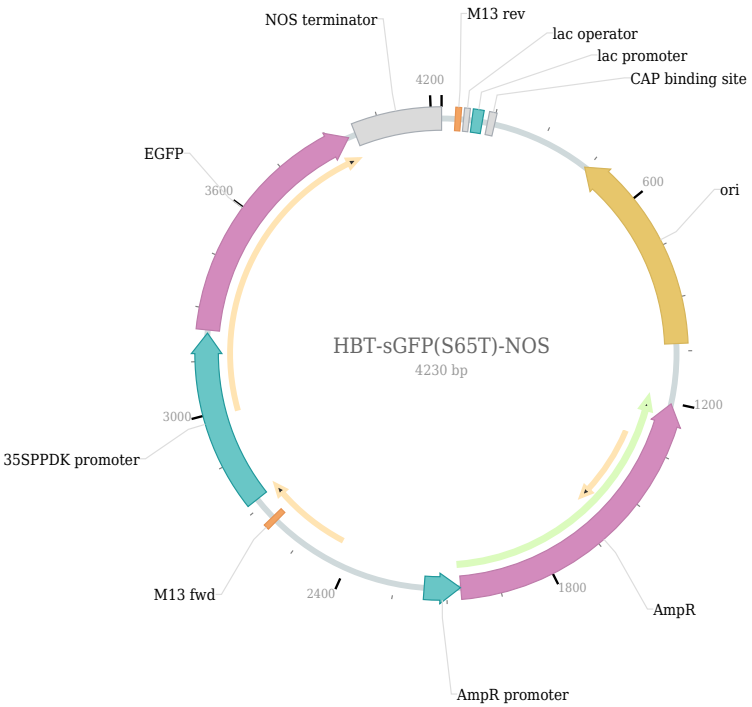
# HBT-sGFP(S65T)-NOS

| | |
|---|---|
| **Vector ID** | V009925 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 4230 bp |
| **Vector Type** | Control vector |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Source/Author** | Sheen J. |
| **Promoter** | 35SPPDK |
| **Growth Strain(s)** | Stbl3 |
| **Growth Temperature** | 37℃ |
| **Comment** | The HBT-sGFP(S65T)-NOS is a transient expression vector. FPs maturation times and fluorescent intensity can be affected by the temperature. For instance, enhanced GFP (EGFP) was optimized for 37°C, and is therefore most suited for mammalian or bacteria studies, whereas GFPS65T is better suited for yeast studies (24-30°C). |

## 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 ℃.