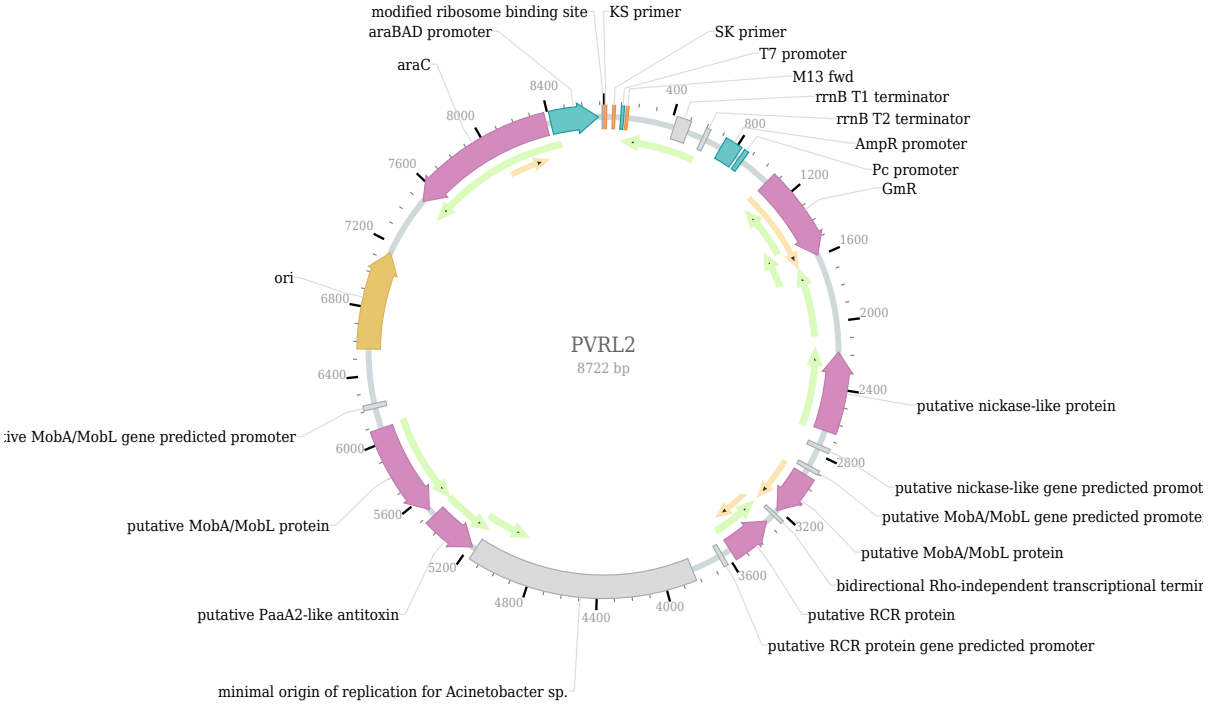
# PVRL2

| | |
|---|---|
| **Vector ID** | V002224 |
| **Antibiotic Resistance** | Gentamicin |
| **Length** | 8722 bp |
| **Vector Type** | Cloning vector |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Source/Author** | Lucidi M, Runci F, Rampioni G, Frangipani E, Leoni L, Visca P. |
| **Promoter** | araBAD |
| **Growth Strain(s)** | JM109 |
| **Comment** | PVRL2, acting as an immunoregulatory molecule, modulates the ocular immune microenvironment by interacting with receptors such as DNAM-1 and TIGIT, thereby maintaining retinal immune homeostasis. |

## 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 ℃.