

# pNBT-010

**Catalog Number:** VEC-RUO-0001

**Specification:** TMV-based viral expression vector

**Viral Packaging:**

TMV-based

**Expression Insert:**

GFP

**Fluorescent Label:**

Not Applicable

**Selection Marker:**

Kanamycin Resistance, Tetracycline Resistance

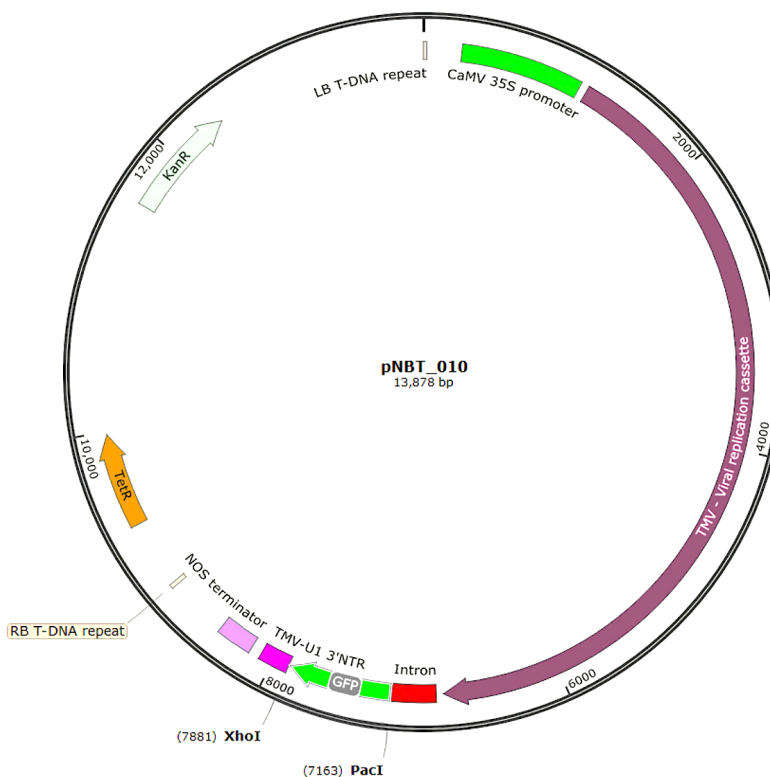
**Cloning Sites:**

PacI/XhoI

**Storage:**

Store the vector DNA at -20 °C

**Vector Map:**



**Feature:**

The pNBT-010 viral expression vector contains TMV-RdRP and replicase driven by a double 35S promoter. It also has a TMV movement protein to drive transport of the viral replication cassette and the transgene to the neighboring cells directly through plasmodesmata, bypassing the host cell wall barrier.

The vectors, methods, plants and/or portions thereof are protected by one or more U.S. patents selected from: 7,012,172, 7,491,509, 7,683,238, 7,692,063, 8,058,511, 8,597,942, 8,951,791, 9,551,001, or 9,765,349, and patents pending.