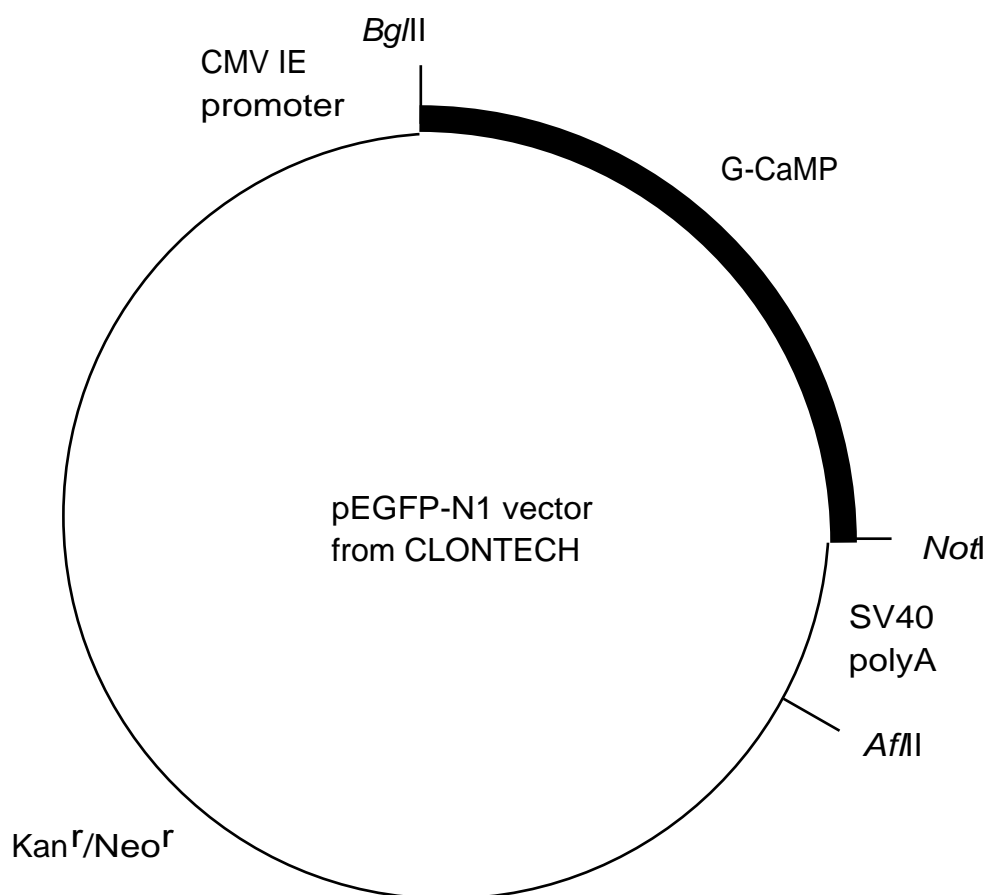
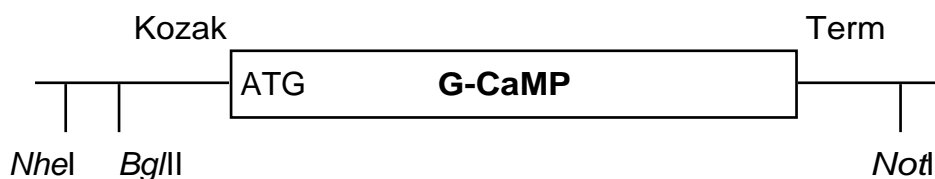


pN1-G-CaMP: GenBank Accession# AJ550759

Vector: pEGFP-N1 (CLONTECH: GenBank Accession# U55762)

Cutting out: *NheI* (or *BglII*) - *NotI*



Host: DH5 α , HB101 and other general purpose strains.

Selection marker: Kanamycin (30 μ g/ml) to *E. coli* host;
Neomycin to mammalian cells

The protein has proper conformation at 28 $^{\circ}$ C but not at 37 $^{\circ}$ C.
ref.

A high signal-to-noise Ca²⁺ probe composed of a single green fluorescent protein
Junichi Nakai, Masamichi Ohkura, Keiji Imoto

Nature Biotechnology Volume 19 Number 2 Page 137 - 141 (2001)