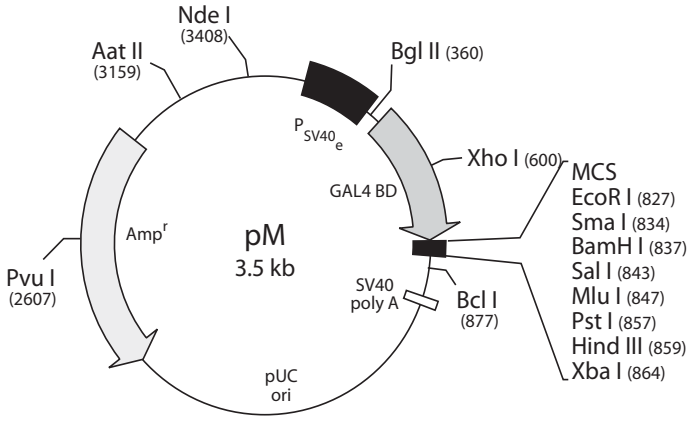

775

GAL4 Binding Domain

TCA TCG GAA GAG AGT AGT AAC AAA GGT CAA AGA CAG TTG ACT GTA TCG CCG

a.a. 147

826

stop stop stop

GAA TTC CCG GGG ATC CGT CGA CGC GTC TGC AGA AGC TTC TAG ATA AGT AA

EcoR I* Sma I* BamH I* Sal I* Mlu I Pst I Hind III Xba I

Restriction Map and Cloning Site (MCS) of pM GAL4 DNA-BD Cloning Vector. Unique restriction sites are in bold. Restriction sites marked with an (*) are in the same reading frame as pGBKT7.

Description

pM is used to generate a fusion of the GAL4 DNA-BD (amino acids 1–147) and a protein of interest in the Matchmaker™ Mammalian Assay Kit 2 (Cat. No. 630305). The hybrid protein is targeted to the cell's nucleus by the GAL4 nuclear localization sequence. Genes encoding test proteins should be cloned, in the correct orientation and reading frame, into one of the unique restriction sites in the MCS region at the 3′ end of the GAL4 DNA-BD. Restriction sites marked with an (*) are in the same reading frame as pGBKT7. Transcription is initiated from the constitutive SV40 early promoter (P_{SV40e}); transcription is terminated at the SV40 poly A transcription termination signal.

Clontech

United States/Canada
800.662.2566
Asia Pacific
+1.650.919.7300
Europe
+33.(0)1.3904.6880
Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
A Takara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

(122011)

Note: The attached sequence file has been compiled from information in the sequence databases, published literature, and other sources, together with partial sequences obtained by Clontech. This vector has not been completely sequenced.