

Location of Features

- Human cytomegalovirus (CMV) major immediate early promoter
Enhancer region: 309–715; TATA Box: 804–810
- T7 RNA polymerase promoter: 863–879
- Multiple cloning site (MCS): 912–1003
- Synthetic intron (IVS): 1002–1297
- Internal ribosome entry site (IRES) from encephalomyocarditis virus (ECMV): 1333–1924
- Hygromycin B phosphotransferase gene: 1947–2978
- SV40 early mRNA polyadenylation signal
- Polyadenylation signals: 3421–3426 & 3450–3455; mRNA 3' ends: 3459 & 3471
- ori (high-copy-number ColE1/pMB1/pBR322/pUC origin of replication): 4012–4611
- Ampicillin resistance (β -lactamase) gene:
Promoter: –35 region: 5703–5698; –10 region: 5680–5675
 β -lactamase coding sequence:
Start codon: 5633–5631; stop codon: 4775–4773

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 Laboratories, Inc. This vector has not been completely sequenced.

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