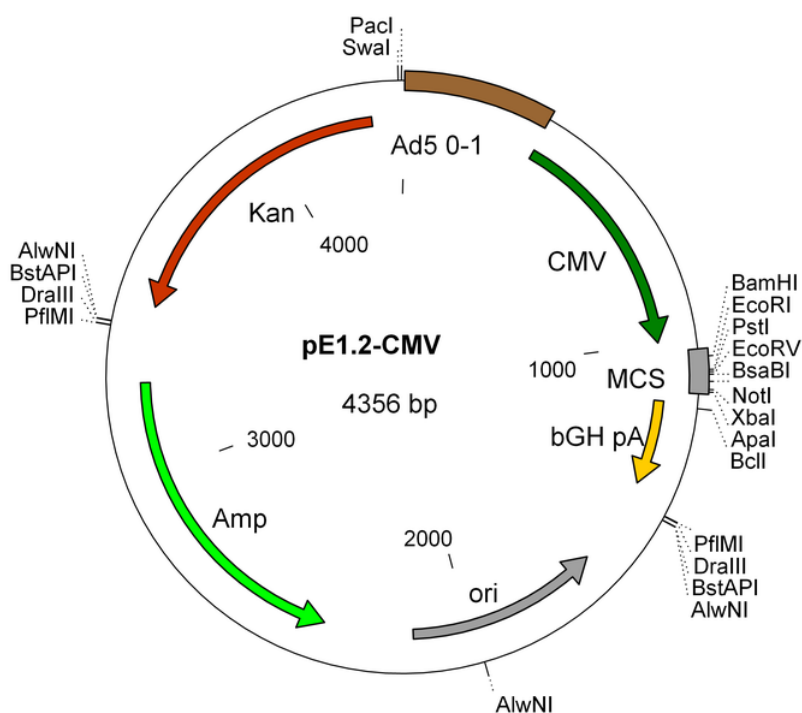


pE1.2-CMV

pE1.2-CMV is a shuttle plasmid designed for inserting CMV-driven expression cassettes in place of the E1 region of the Ad5 genome, in combination with the pE3.1 and AdenoQuick1.0 plasmids. It contains a CMV promoter - multiple cloning site (MCS) – bovine growth hormone (bGH) poly(A) signal downstream from the Ad5 left ITR and packaging signal. The sequences encompassing the kanamycin-resistance gene, left ITR and packaging signal, and the CMV-bGHp(A) expression cassette are flanked by two sets of restriction sites *AlwNI*, *BstAPI*, *DraIII* and *PflMI* which generate non-symmetrical sticky ends useful for directional cloning. pE1.2-CMV can be used in combination with plasmids pAd292, pAd363 and pE3.1 (and derivatives) to construct ?E1/E3/E4 vectors with maximum 8.7 kb cargo capacity.



Sequence

[PE12-CMV.TXT \(4.4 KB\)](#)