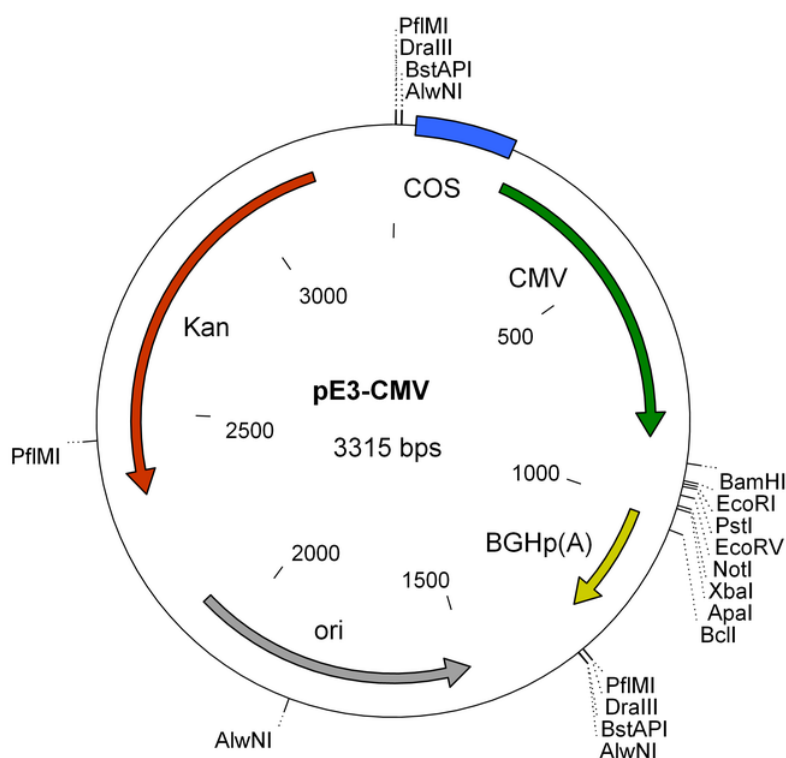


pE3-CMV

pE3-CMV is a shuttle plasmid designed for inserting CMV-driven expression cassettes in place of the E3 region of the Ad5 genome, in combination with the pE1.2 and pAd292 plasmids. It contains a CMV promoter - multiple cloning site (MCS) - bovine growth hormone (bGH) poly(A) signal adjacent to a 178 bp-long ? cos site. The sequences encompassing the cos site 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. pE3-CMV can also be used in combination with plasmids pAd328 and pE1.2 to construct conditionally replicative adenoviruses (CrAds) containing a heterologous promoter in front of the E1a TATA box, and a transgene in place of the E3 region. It can be used also in combination with plasmids pAd363 and pE1.2 to construct ?E1/E3/E4 vectors with maximum 8.7 kb cargo capacity.



Polylinker	Info Sheet	Sequence
pE3-CMV_MCS.png (488.2 KB)	Product Informa..._pE3-CMV.pdf (148.7 KB)	pE3CMV.TXT (3.3 KB)