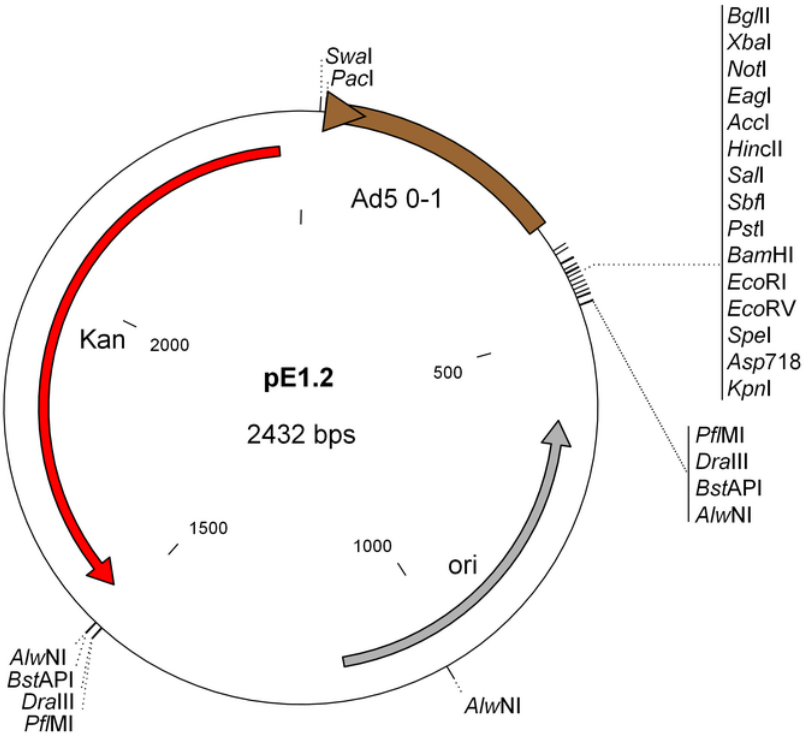
O.D.260 Inc
BETTER TOOLS, BETTER SCIENCE

pE1.2

pE1.2 is a shuttle plasmid designed for inserting expression cassettes in place of the E1 region of the Ad5 genome, in combination with pE3.1 and pAd292 (aka AdenoQuick13.1) or pAd363. It contains the first 353 base pairs from the Ad5 genome (including the left ITR and packaging signal), preceded by *Pac*I and *Swa*I sites, and followed by a multiple cloning site. Expression cassettes inserted into this site should contain a promoter, coding sequence and a polyA signal. The sequences encompassing the kanamycin-resistance gene, the adenovirus 0-1 map units and the multiple cloning site are flanked by two sets of restriction sites *Alw*NI, *Bst*API, *Dra*III and *Pfl*MI which generate incompatible and non-symmetrical sticky ends. pE1.2 can also be used in combination with plasmids pAd328 and pE3.1 to construct "armed" conditionally replicative adenoviruses (CrAds) containing a heterologous promoter in front of the E1A TATA box, and a transgene in place of the E3 region.



Polylinker	Info Sheet	Sequence	Annotations
pE1-2_MCS.png (521.4 KB)	Product_Information_pE1-2.pdf (146.6 KB)	pE12.txt (3.2 KB)	pE1-2.gb (4.9 KB)