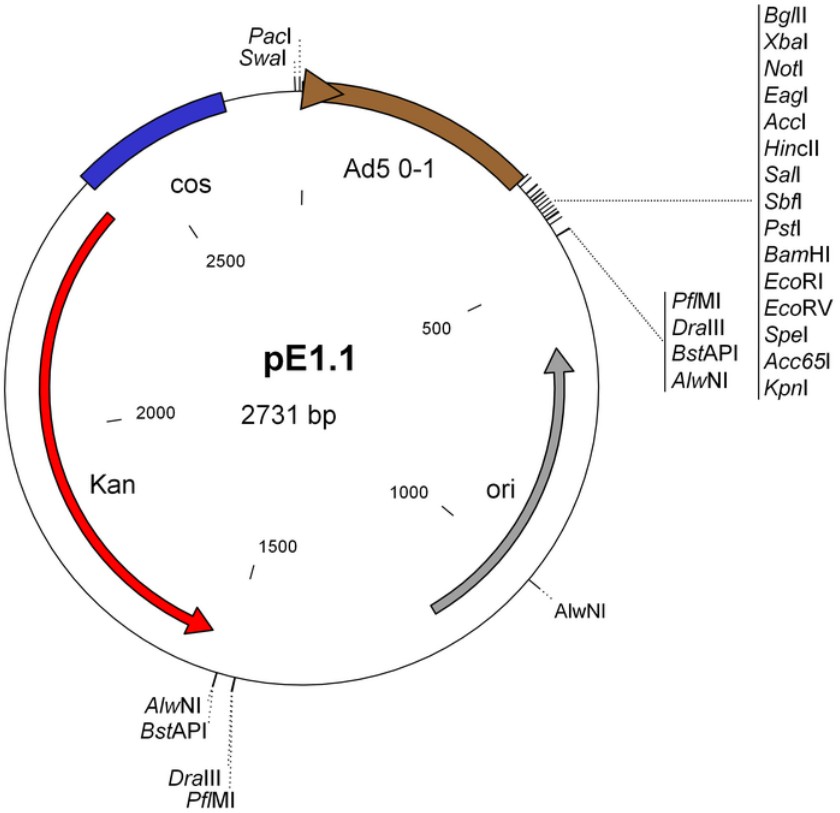
O.D.260 Inc
BETTER TOOLS, BETTER SCIENCE

pE1.1

pE1.1 is a shuttle plasmid designed for inserting expression cassettes in place of the E1 region of the Ad5 genome, in combination with the AdenoQuick1.0 plasmids such as pAd288, pAd291, pAd361, pAd362, etc... It contains the first 353 base pairs (map unit 0-1) from the Ad5 genome (including the left ITR and packaging signal), preceded by PacI and SwaI 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 ? cos site, the adenovirus 0-1 map units and the multiple cloning site are flanked by two sets of restriction sites AlwNI, BstAPI, DraIII and PflMI which generate incompatible and non-symmetrical sticky ends. pE1.1 can also be used in combination with vectors pAd329 and pAd330 to construct conditionally replicative adenoviruses (CRAds) containing a heterologous promoter in front of the E1A TATA box.



Polylinker	Info Sheet	Sequence	Annotations
pE1-1_MCS.png (504.1 KB)	Product_Information_pE11.pdf (146.1 KB)	pE11.txt (2.8 KB)	pE1.1.gb (6.9 KB)