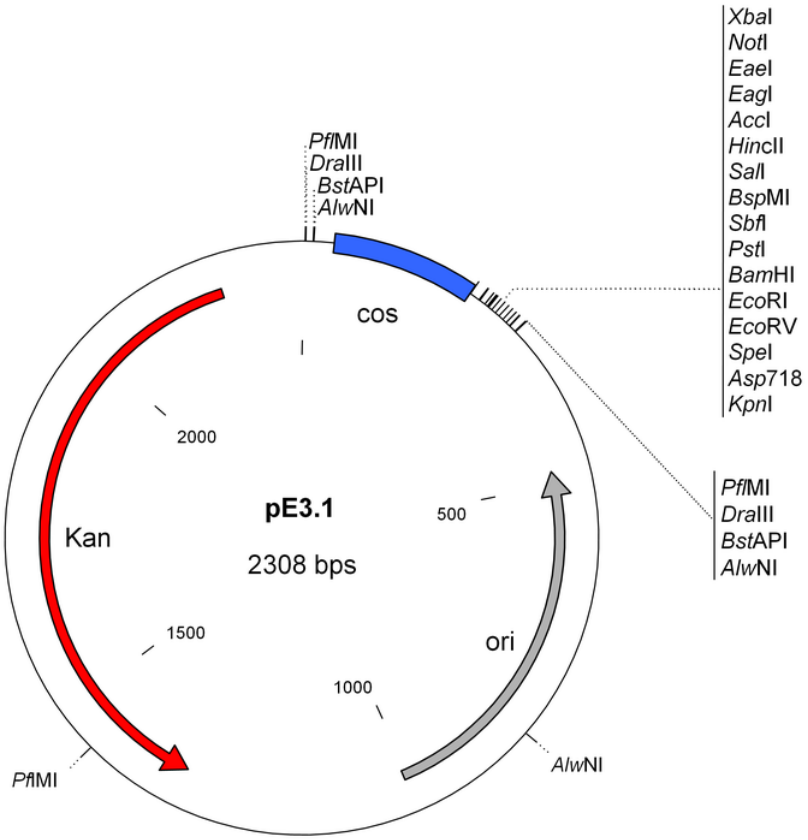
O.D.260 Inc
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pE3.1

pE3.1 is a shuttle plasmid designed for inserting expression cassettes in place of the E3 region of the Ad5 genome, in combination with the pE1.2 and AdenoQuick1.0 plasmids (pAd292, pAd328, ...). It contains a multiple cloning site (MCS) adjacent to a 178 bp-long ? cos site. Expression cassettes inserted into the MCS should contain a promoter, coding sequence and a polyA signal. The sequences encompassing the cos site and the MCS are flanked by two sets of restriction sites *Alw*NI, *Bst*API, *Dra*III and *Pfl*MI which generate non-symmetrical sticky ends useful for directional cloning. pE3.1 can also be used in combination with plasmids pAd328 and pE1.2 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. 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	Annotations
pE3-1_MCS.png (380.6 KB)	Product_Information_pE3-1.pdf (218.8 KB)	pE3-1.txt (2.3 KB)	pE3-1.gb (4.6 KB)