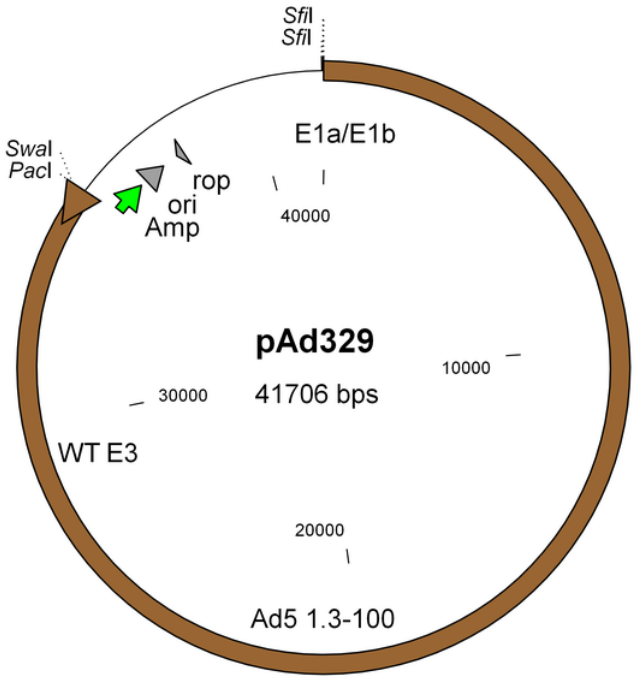
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pAd329

pAd329 is a 41.7 kb plasmid that contains the sequences encompassing bp 466-right end (1.3–100 mu) of the Ad5 genome. The two *Sfi*I sites naturally present in WT Ad5 DNA were mutated by substituting A for G and C at positions 16291 and 16294 in the Ad5 genome, and C and G for respectively G and C at positions 23001 and 23004 in the Ad5 genome, introducing silent mutations in the adenovirus pVII and DNA-binding protein coding sequences. A pair of *Sfi*I sites that allow for directional cloning replaces the E1 promoter. The E3 region is intact. The right ITR is flanked by PacI and *Swa*I sites. pAd329 is used in combination with shuttle plasmid pE1.1 and derivatives to construct conditionally replicative adenoviruses (CrAds) containing a heterologous promoter in front of the E1a TATA box. The maximum capacity for insertion is 1.9 kb.



Info Sheet	Sequence
Product-Informa...t_pAd329.pdf (220.7 KB)	pAd329.txt (42.1 KB)