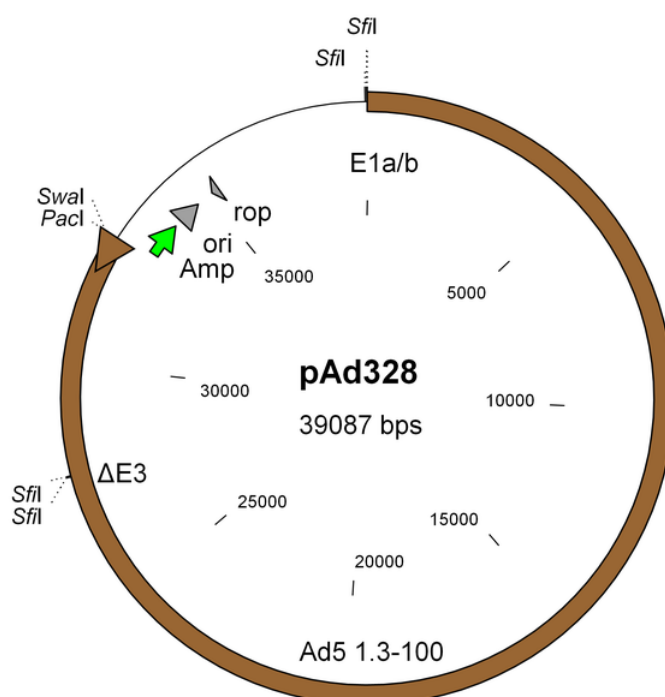


pAd328

pAd328 is a 39 kb plasmid that contains the sequences encompassing bp 466-right end (1.3–100 mu) of the Ad5 genome, with a 2.7 kb deletion in the E3 region. 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. Two pairs of *Sfi*I sites that allow for directional cloning replace the E1 promoter and the E3 region. The right ITR is flanked by *Pac*I and *Swa*I sites. pAd328 is used in combination with the shuttle vectors pE1.2 and pE3.1 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. The maximum combined promoter/transgene capacity is 4.4 kb.



Info Sheet

Sequence

[Product_Informa...t_pAd328.pdf \(220.2 KB\)](#)

[pAd328.txt \(39.4 KB\)](#)