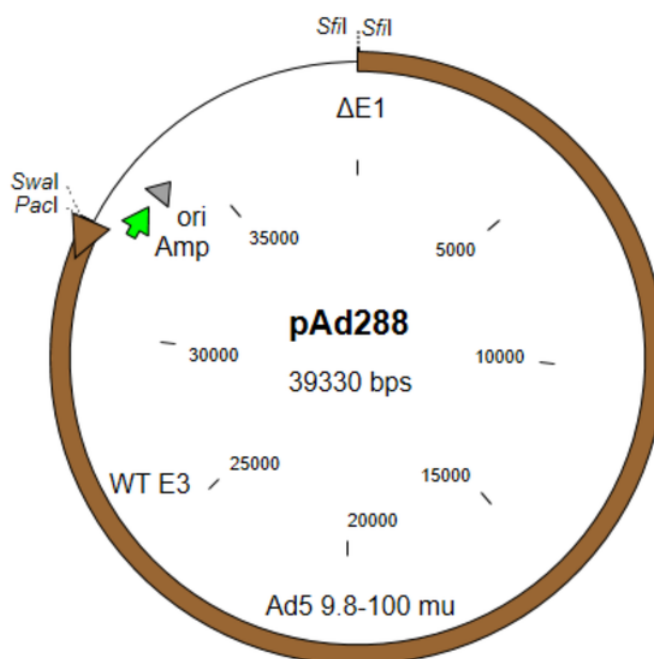


pAd288

pAd288 (formerly known as AdenoQuick1.1 DNA) is a 39.3 kb plasmid that contains the sequences encompassing bp 3504-right end (9.8–100 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. Two *Sfi*I sites that allow for directional cloning replace the E1 region. The E3 region is intact. The right ITR is flanked by *Pac*I and *Swa*I sites. pAd288 is used in combination with shuttle plasmid pE1.1 and derivatives to construct replication-deficient adenoviruses containing transgenes in place of the E1 region. The maximum transgene capacity is 5.0 kb.

The entire sequence of pAd288 was confirmed experimentally.



Info Sheet

Sequence

[Product_Information_pAd288.pdf \(144.0 KB\)](#)

[pAd288.txt \(39.4 KB\)](#)