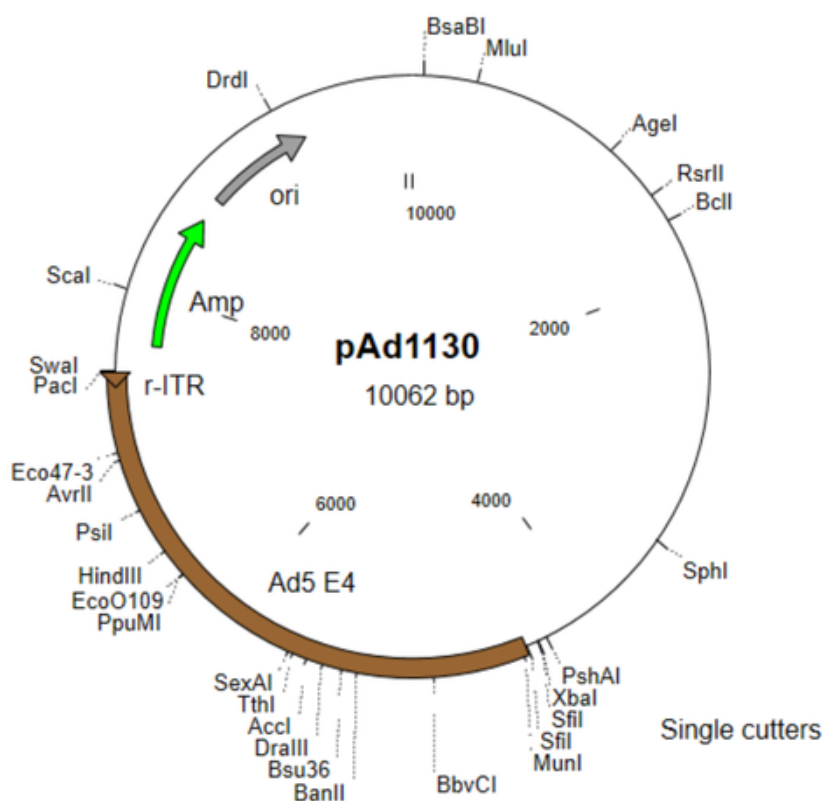


pAd1130

pAd1130 is a 10,062 bp-long plasmid designed for constructing recombinant adenovirus vectors, in combination with the AdenoQuick2.0 plasmids (pAd1127, pAd1128, pAd1129, and their derivatives). It contains the sequence encompassing psn 32796-right end in the Ad5 genome, including the right ITR and the entire E4 region. The right ITR is flanked with *PacI* and *SwaI* sites. The E4 region is terminated with two *SfiI* sites, which generate non-symmetrical sticky ends suitable for directional cloning. The plasmid contains a 5 kb stuffer made from scrambled phage ϕ DNA. This stuffer increases the size of the ligation product of pAd1127, pAd1128, pAd1129, and pAd1130 so that it can be packaged efficiently into phage ϕ .

The entire sequence of pAd1130 was verified by sequencing. It is identical to the sequence of the Adenovirus Type 5 Reference Material ARM, with one discrepancy in the stretch of T's immediately downstream from the E4 ORF3 stop codon. That homopolymer is 11 nt-long in pAd1130, pAd5, and also in Ad5 GenBank # M73260. It was reported to be 12-nt long in the Adenovirus Type 5 Reference Material ARM (Genbank # AY339865), and 14-nt long in Ad2 GenBank #NC_001405.



Info Sheet

Sequence

Annotations

Product Informa... pAd1130.pdf (147.8 KB)	pAd1130.txt (10.1 KB)	pAd1130.gb (18.9 KB)
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