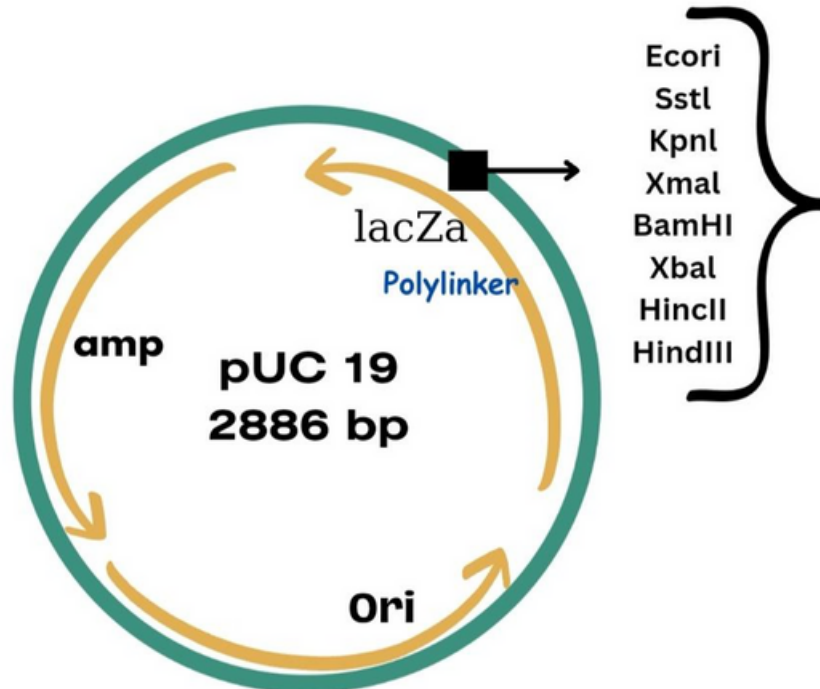




WHAT ARE VECTORS?



pUC 19 Vector

- In a general word, a vector is something that carries or transfers.
- For example a mosquito, these insects act as a vector to transfer the dengue virus into the human body.
- Similarly in molecular a plasmid can be used as a vector to deliver an alien piece or foreign DNA into the host organism for multiplication.
- Thus, are the major components required to make an rDNA molecule for gene cloning?
- Acts as a vehicle for carrying foreign DNA into a host cell for multiplication.
- Generally, small circular-shaped DNA molecules of bacterial origin are used as cloning vectors.
- It was first developed by Messing and colleagues in 1982, making it one of the earliest vectors to be created for cloning purposes.
- Examples of some vectors are

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