Key:

**AMP** = ampicillin resistance gene

**Beta-galactosidase** = gene coding for the b-galactosidase enzyme

**Unique sites** = the restriction enzymes shown cut the plasmid in only one place

**EcoRV 2028** = the restriction enzyme EcoRV cuts at nucleotide number 2028

*From DNA Science, Micklos & Freyer, 1995*