

Shotgun Experiment → It is cloning of entire genome in form of a library of random genomic clones (without identifying them).

→ DNA is extracted → Broken into fragments of reasonable size by random restriction endonuclease and then inserted into a cloning vector to generate a population of chimeric vectors.

→ A set of fragments cloned in this manner is known as Genomic Library.

1] Genomic Library →

2] cDNA library

3] Chromosome Jumping Libraries.

Probe →