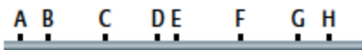


Clone contig approach

500 kb



Genome map

Mapped segment of DNA



Shotgun sequencing of mapped segment



Assembled sequence



Position of sequence is already known



Whole-genome shotgun approach

Shotgun sequencing of entire genome



Assembled sequences

Markers used to anchor assembled sequences on to the map