

Fluorescently  
labeled DNA

Test  
molecule

Hybridization  
~~conventional technology~~

confocal microscopy

Hybridizing  
signals

AGTCCCTT  
ATCCCTTG  
TCCCTTGG  
CCCTTGGC

Hybridizing  
oligonucleotides (8)

---AGTCCCTTGGC--- DNA Sequence

Fig: Microarray (chip) technology in  
DNA sequencing