

[연재 일정 안내]

2005. 1		
2005. 2	가	
2005. 3	가 ( / / )	
2005. 4	(ABS )	3
2005. 5	LED	
2005. 6		
2005. 7		
2005. 9		
2005. 8	[CMOS, CCD]	
2005. 10	( 가 ( , , 가 )	
2005. 11	가	
2005. 12	[ ]	

(Biochip)

DNA,

(hybrid device)

(Microarray chip)

(Lab-on-a-chip, LOC)

(Microfluidics chip)

(probe)

DNA

DNA

glycochip

MEMS(Micro Electro Mechanical Systems)  
(microfluidic channels)

가

가

가

99

74%가

16%, 28%, 21%, 18%

가

33%,

가

가

biochip fabrication 가99

19% 43% 가 , 99

1% bioinformatics 5%

가

가

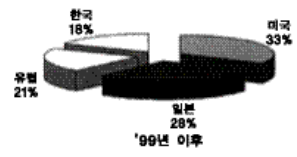
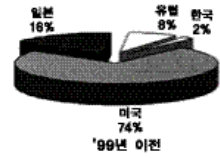
Affymetrix가가

, DNA

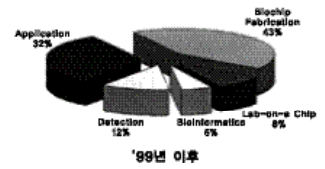
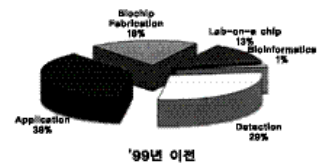
2

Agilent Technologies

가 가 Hitachi



( 1 ) 가



( 2 )

가

Fuji Photo Film

가

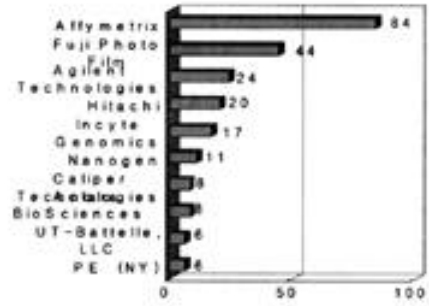
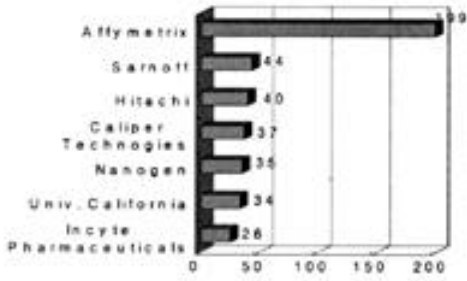
Technologies

가,

가

Caliper

가



( 3 )

DNA ,가 가 가 .  
 ,가 가 가 .  
 , 가 ,  
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 DNA spotting  
 가  
 DNA 가

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 가 .  
 DNA  
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 MEMS, , CAD,  
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