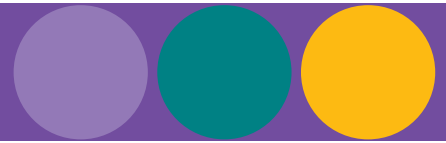


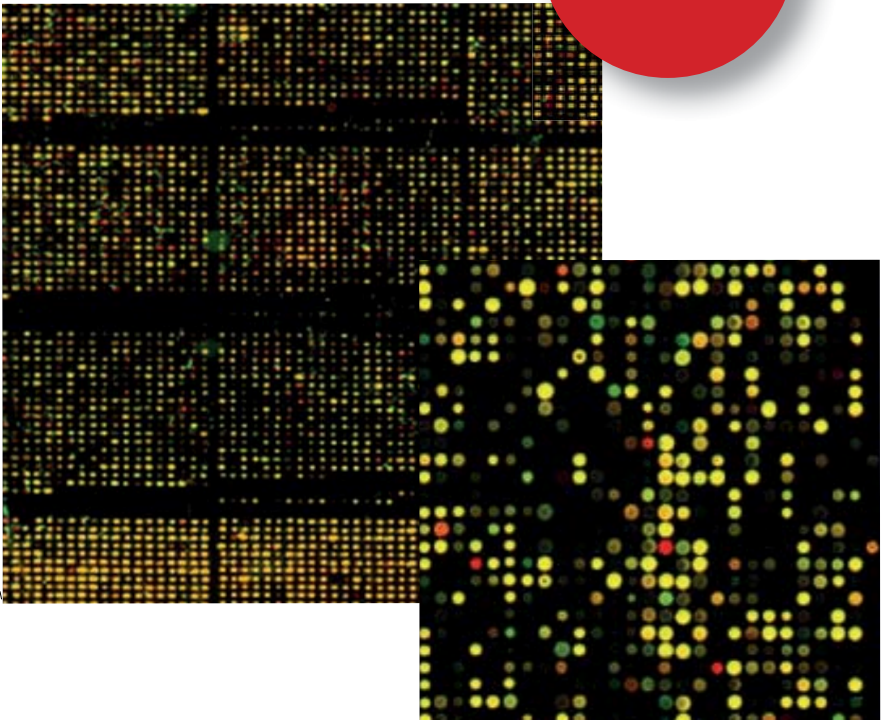
Microarray Exercise for the Classroom

Anastasios Koutsos
Alexandra Manaia
Julia Willingale-Theune

Version 2.3



English
version



Anastasios Koutsos, Alexandra Manaia and Julia Willingale-Theune



Microarray Exercise for the Classroom

Version 2.3



Microarray Exercise for the Classroom

Microarray exercise tables

Location	Gene Name	Gene highly active
A1	Zyxin	AML
A2	Cyclin D3	ALL
A3	Myosin light chain	ALL
A4	HOX A-9	AML
A5	SNF 2 A	ALL
B1	Coenzyme A	ALL
B2	Leptin receptor	AML
B3	OP 18	ALL
B4	Dynein light chain	Neither (control)
B5	SRP9	ALL
C1	Actin	Both (control)
C2	IL7 receptor-33	ALL
C3	CD-33	AML
C4	MCM 3	ALL
C5	LYN	AML
D1	Myc 3	Neither (control)
D2	ATPase	AML
D3	SRP9	AML
D4	CD 19	Neither (control)
D5	Catalase	AML
E1	IL8 receptor	AML
E2	Lysozyme	AML
E3	Topoisomerase II	ALL
E4	Acyl-CoA dehydrogenase	ALL
E5	Glucose-6-phosphate	Both (control)



Which patient suffers from which cancer?

	1	2	3	4	5
A		*	*		
B	*		*		
C	*			*	
D					
E			*		*

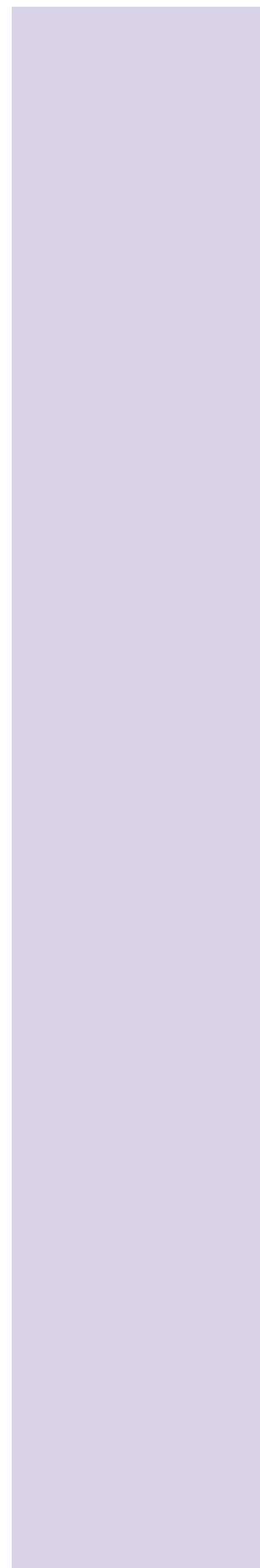
Microarray results for patient A

	1	2	3	4	5
A				*	
B		*			
C	*				
D					
E					*

Microarray results for patient B

	1	2	3	4	5
A	*			*	
B		*			
C	*		*		
D		*	*		
E					*

Microarray results for patient C



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