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1 probe setgene N1	N1 call	N3 N3	call N4	N4	call	N5	N5 call		
2 AFFX-BioE J04423 E 416.8	B1 A	205.358 A	2	38. 595 A		230.887	A		
3 AFFX-BioE J04423 E 545.0	43 A	411.155 A	2	85.102 A		330.669	A		
4 AFFX-BioE J04423 E 511.7	34 A	406.043 A	3	18.278 A		539.383	A		
5 AFFX-BioCJ04423 E 478.8	25 A	387 478 A		261 58 A		363 133	A		
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7 AFFX-BioLJ04423 E -21.84	」 「 文件 (2) 編	ar(E) 70,ES(V) 11	11人(1) 格式(1))工具① 3	数据(型)) 樹	니(世) 帮助(년	D		- 8 ×
8 AFFX-BioLJ04423 E 1606.			E f 🖌 100%	- [?]	* 宋体		- 12	- B U 🔿	• <u>A</u> • ÷
9 AFFX-Cre>X03453 Bc 278.9	A1	<u> </u>	probe set						
10 AFFX-Cre>X03453 Bc 352.9	٨	В	C	D	E	F	G	H I	J
11 AFFX-BioEJ04423 E 4271	988 HG4243	-HIzinc fing	2491.71 A		1701.09	A	1598.78 A	1821.2	22 A
12 AFFX-BioEJ04423 E 1063	989 HG4245	-HIForkhead	64. 4325 A		20.2353	A	23.2795 A	77.954	13 A
13 AFFX-BioEJ04423 E 897.9	990 HG4258	-Hlcyclin-de	1060.69 A		827.23	A	785.727 A	1061.7	'8 A
14 AFFX-BioCJ04423 E 346.4	991 HG4263	-HIkiller ce	-187.252 A		541.866	P	532.496 P	-5.0246	5 A -
15 AFFX-BioC J04423 E 823.8	992 HG4272	-Himet proto	2062. 79 P		1211.11	P	1233.74 P	1259.4	19 P
16 AFFX-BioL J04423 E 3391.	993 HG429-	HI4B-cell gr	308.058 A		241.16	A	146.625 A	117.71	X A
17 AFFX-BioL J04423 E 1334.	994 H64297	-HIACTIVATEC	12138.1 P		215 14	Г 4	161 07 A	5066.2	C A
18 AFFX-Cre>X03453 Ba 644.0	995 HG4310	-nire(1noi-r	0 71/05 A		05 1404	A	77 1753 A	249.80	A O
19 AFFX-Cre>X03453 Ba 403.3	997 HC4310	-HIribogomal	20107 4 P		27825 4	p	22305 7 P	22250	6 P
20 hum_alu_zU14573 Ht 19496	998 HG4321	-HIAHNAK-rel	172 938 A		83 6688	A	60 7865 A	-1 4464	IS A
21 AFFX-Dap>L38424 B 93.62	999 HG4332	-HIzinc fins	-155, 452 P	-	-18, 1821	P	-17, 0572 P	41, 659	I P
22 AFFY-Dan 1 38424 B 689 2	1000 HG4333	-HIzinc fins	70.8934 A		128, 294	A	157.39 A	168.30	05 A
dchip expression/	1001 HG4336	-HIBacterici	961. 995 P		420.113	A	495.647 A	665.43	6 A
尻当首	1002 HG4390	-HIRibosomal	451.337 P		465.853	P	824. 768 P	481.79	A 86
	1003 HG4411	-HIMucin, Ga	752.14 A		585.755	A	508.405 A	521.90	A 80
Xuegong Zhang	1004 HG4433	-HICyclin D1	934.596 A		716.102	A	789.156 A	858.95	9 A
Tsinghua University	1005 HG4458	-HIImmunoglo	-24.4426 A		78.8925	A	135.388 A	-43.645	55 A
	1006 HG4460	-HIImmunogle	1369 26 A		2735 53	A	14735 5 A	9727 3	6 A







































Mass-spectrometry data sheets

- Mass Spectrums
 - Time serieses
 - Could be discretized as expression profiles
- Biomarkers
 - Protein profiles at certain "meaningful" molecular weights
 - Still looks like gene expression data in format

marker #	Case 1	Case 2	Case 3	
1	123.4	345.6	23.4	
2	23.1	1234.6	3245.2	
3	123.2	987.4	654.3	



Xuegong Zhang Tsinghua University











