





<section-header>Pathways in bendrograms?DendrogramsComparison on a cDNA analysis of fibroblast response to serum (ver et al. 1999)</section-header>		Children's He	rogram Wedical School
Dendrograms Comparison on a cDNA analysis of fibroblast response to serum (lver et al. 1999)	Pathways in Dendrograms?	LES AL & AL	E Tissue remodeling
Comparison on a cDNA analysis of fibroblast response to serum (lver et al. 1999)	<u>Dendrograms</u>	A B B B B C C C C C C C C C C C C C C C	Benergiskin Land II F Cytoskeletal recognization F Cytoskeletal F Cytosk
Fold repression Fold induction	Comparison on a cDNA analysis of fibroblast response to serum (lyer et al., 1999)	C Angiogenesis	Image: State























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Table 3. Clinical Correlates of CD20 Status from Patients with Acute Rejection.	s in Renal-Biopsy S	amples	Finding
Variable	Retrospective Series of Biopsy Samples (N=31)	Biopsy Samples Included in the Microarray Analysis (N=20)	 New Prognosis New Therapeutic Opportunity
CD20+ on staining — no./total no. (%)	9/31 (29)	9/20 (45)	New Research
Graft loss In patients with CD20+ sample — no./total no. (%) In patients with CD20– sample — no./total no. (%)	7/9 (78) 9/22 (41)	8/9 (89) 1/11 (9)	Opportunity
P value	0.11	<0.001	
Glucocorticoid resistance In patients with CD20+ sample — no./total no. (%) In patients with CD20– sample — no./total no. (%) P value	8/9 (89) 1/22 (5) <0.001	4/9 (44)* 1/11 (9) 0.01	



















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				Microb	oial Muta	ation Datase
Large r	nissense	muta	tion stu	dies: up	o to 13 di	ifferent
nutations	s at each p	positio	on, 6059	in total	•	
Phenoty	vpic scree	e n: bi	ochemic	al meas	surement	s, categorize
elative to	WT fund	ction				, 0
Study	Species	Target	Method	total #	# mutatoins	Phenotypic
~~~~,	~ <b>F</b> • • • • •	8		mutations	/position	Screen
laci (Suckow et al, 1996)	E. coli	entire protein	Nonsense suppression	3744	12-13	beta-galactosidase assay (fold of inhibition)
T4 lysozyme (Rennell et al, 1991)	Bacteriophage	entire protein	Nonsense suppression	2015	12-13	plaque-forming ability
					1 10	
HIV protease (Loeb et al., 1989)	HIV-1	entire protein	saturation mutagenesis	336	1-10	western blot assav

















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			Cluster Members
Cytokine Cluster	Cluster 2	Cluster 3	Apoptosis Cluster
Interleukin 8	D	A	Tyrosine kinaselike orphan receptor 2
Interleukin 6 (interferon beta 2)	E	В	TRAF-binding protein domain
Prostaglandin- endoperoxide synth 2	F	С	Death-associated protein kinas
	G		Transcription termination factor like protein
	Н		DKFZP586G1122 protein
	I		
	J		















































method	ls	2.1.51 10				••		
Class	Method	FP	FN	ТР	TN	S(M)	Bał	ke-off
TCA	D-p 1 SVM	18	5	12	2,432	6		
	D-p 2 SVM	7	9	8	2,443	9	M/bat	doos
	D-p 3 SVM	4	9	8	2,446	12		udes
	Radial SVM	5	9	8	2,445	11	this me	an?
	Parzen	4	12	5	2,446	6		un
	FLD	9	10	7	2,441	5		
	C4.5	7	17	0	2,443	-7		
	MOC1	3	16	1	2,446	-1		
Resp	D-p 1 SVM	15	7	23	2,422	31		
	D-p 2 SVM	7	7	23	2,430	39		
	D-p 3 SVM	6	8	22	2,431	38		
	Radial SVM	5	11	19	2,432	33		
	Parzen	22	10	20	2,415	18		
	FLD	10	10	20	2,427	30		
	C4.5	18	17	13	2,419	8		
	MOC1	12	26	4	2,425	-4		
Ribo	D-p 1 SVM	14	2	119	2,332	224		
	D-p 2 SVM	9	2	119	2,337	229		
	D-p 3 SVM	7	3	118	2,339	229		
	Radial SVM	6	5	116	2,340	226		
	Parzen	6	8	113	2,340	220		
	FLD	15	5	116	2,331	217		
	C4.5	31	21	100	2,315	169		
	MOC1	26	26	95	2,320	164	Brown, PN	AS '00
Prot	D-p 1 SVM	21	7	28	2,411	35	,	
	D-p 2 SVM	6	8	27	2,426	48		
	Din 2 SVM	2	٥	27	2,420	C 1		

Rater 2 - Ves	Rater 1 - Yes	Rater 1 - No B
Rater 2 - No	C	D
The Ia	coard I-A	$(A \perp \mathbf{P} \perp \mathbf{C})$





























		De	ependei	ncy Strengt
yes factor:	ratio bet	ween the	probabili	ty of 2 models
, reshold∙ Ti	n add a li	nk we ne	⊳d to aaii	n at least 3 RF
			cu to gui	in at least 5 Di
S Oncogene_S	tatus			
X61118_Rna1 U09770	M28826 X61118_Rna1	U09770 M28826	S53911	17
U09770	X61118_Rna1	M28826	M69181	56
X61118_Rna1	M28826	M17733		63
109770	M20020 X61118 Rps1	S77763 M28826	U43185_S	447
U09770	X61118 Rna1	M28826	J05243	447
X61118_Rna1	M28826			973
X61118_Rna1	M28826	S38742_S		1016
X61118_Rna1	M28826	J05243		1534
009770	X61118_Kna1 X61118_Ros1	M28826 M28826	M17733 768228 S	1807
U09770	X61118 Rna1	M28826	J04823 Rna1	3558
U09770	X61118 Rna1	M28826	U37146	3564
	X61118_Rna1	M28826	X62055	3564
U09770	X61118_Rna1	M28826	1	3570
U09770 U09770		V11015		3933
U09770 U09770 X61118_Rna1	M28826	111213		
U09770 U09770 X61118_Rna1 X61118_Rna1	M28826 M28826			4254



