Two Applications of Text Mining in Bioinformatics: Enhancing Protein Function Prediction & Enhancing Drug Pathway Inference

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rkshop on NLP and Bioinformatics, Seoul, 15 February 2008











































































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able 3. 7	The results of s	ignaling	pathway	status esti	mation fo	or the in v	<i>ivo</i> datas	et: The "r	esponse"
lumn sh	nows the mole	cular resp	onse to	treatment	for patie	ents. The	"status"	column s	nows the
timated	post-treatment	pathway	status.						
Patient		ERK		JNK/p38		G1/S		Apoptosis	
	Response								
		Status	Conf.	Status	Conf.	Status	Conf.	Status	Conf.
Pt5	P(ositive)	-2.25	0.98	-3.08	0.99	-	-	1.34	0.99
Pt8	Р	-	-	-1.01	0.99	-	-	0.82	0.98
Pt9	Р	-0.97	0.98	-	-	0.76	0.95	-	-
Pt14	Р	-	-	-	-	-0.61	0.99	-0.86	0.99
Pt16	Р	-0.20	0.99	-0.20	0.95	0.29	0.99	1.42	0.97
Pt17	Р	-1.02	0.99	-1.02	0.99	-0.33	0.96	1.01	0.99
Pt19	Р	-	-	-0.86	0.98	-	-	0.91	0.98
Pt18	No Tumor	-0.15	0.99	-	-	0.28	0.99	0.13	0.99
Pt1	N(egative)	0.21	0.95	0.52	0.99	1.06	0.97	-1.00	0.98
Pt7	N	-0.10	0.97	-0.68	0.96	0.28	0.98	0.11	0.98
Pt10	N	1.02	0.99	1.16	0.99	-	-	-1.57	0.97
Pt15	N	-	-	-	-	-	-	-1.01	0.98
Pt20	N	1.30	0.98	-	-	-0.93	0.96	-1.68	0.99

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7th Korea-Singapore Workshop on NLP and Bioinformatics, Seoul, 15 February 2008











