

**Identification of ovarian cancer associated genes using an integrated approach in a Boolean framework
by Gaurav Kumar, Edmond J. Breen and Shoba Ranganathan**

Additional File 2

Differential/Non-differential gene expression data analysis for the seven functional attributes.

Functional Attributes		Differential gene expression				Non-differential gene expression			
		Average Rank	Min.	Max.	Odd-Ratio	Average Rank	Min.	Max.	Odd-Ratio
Secretome	+	0.093	0.000	0.698	2.111	0.051	0.000	0.585	1.246
	-	0.044	0.000	0.744		0.041	0.000	0.776	
Protein kinase	+	0.216	0.037	0.608	5.194	0.196	0.037	0.739	5.515
	-	0.042	0.000	0.744		0.036	0.000	0.776	
Tissue specificity	+	0.112	0.038	0.744	3.647	0.102	0.038	0.744	3.768
	-	0.031	0.000	0.374		0.027	0.000	0.766	
Post-translation modification	+	0.131	0.039	0.744	6.389	0.126	0.039	0.766	6.517
	-	0.021	0.000	0.372		0.019	0.000	0.393	
Transcription Factor	+	0.172	0.047	0.735	3.909	0.169	0.047	0.776	4.584
	-	0.044	0.000	0.744		0.037	0.000	0.744	
Protein-interaction (nodes >4)	+	0.157	0.049	0.744	5.744	0.146	0.049	0.776	6.597
	-	0.027	0.000	0.735		0.022	0.000	0.369	
Methylation	+	0.187	0.073	0.744	4.388	0.148	0.000	0.776	3.807
	-	0.043	0.000	0.645		0.039	0.000	0.645	