

Table SI. Correlations between metabolite changes and cancer stage.

Metabolites	Fold change ^{a,d}	P-value ^d	Fold change ^{a,e}	P-value ^e	Fold change ^{b,d}	P-value ^d	Fold change ^{b,e}	P-value ^e	Fold change ^{c,d}	P-value ^d	Fold change ^{c,e}	P-value ^e
Bilirubin	0.2	4.15E-02	0.42	1.68E-01	10.19	5.40E-01	0.77	1.68E-01	-	-	-	-
Retinal	0.02	4.76E-01	0.47	4.98E-02	0.07	5.01E-01	1.52	3.22E-01	-	-	-	-
Histamine	4.59	2.60E-01	0.37	4.61E-03	-	-	-	9.7	3.71E-02	2.06	3.55E-03	
Thiamine	0.39	8.39E-02	0.31	4.13E-04	-	-	-	0.71	4.09E-01	0.63	4.11E-02	

^aPre-gemcitabine BCa tissues/pre-gemcitabine normal tissues. ^bPost-gemcitabine BCa tissues/pre-gemcitabine normal tissues. ^cPost-gemcitabine normal tissues/pre-gemcitabine normal tissues. ^dTa/T1 stage. ^eT2 stage. BCa, bladder cancer.