

Supplementary Figure and Table Legends

Supplementary Figure 1. A histogram showing distribution of differential methylation pattern between T24R cells and T24S cells.

Supplementary Figure 2. Metabolic changes in cisplatin resistant BC (red lines: upregulated and hypomethylated genes; green lines: downregulated and hypermethylated genes).

Supplementary Table 1. List of differentially methylated CpG sites selected with M value ≥ 1.0 .

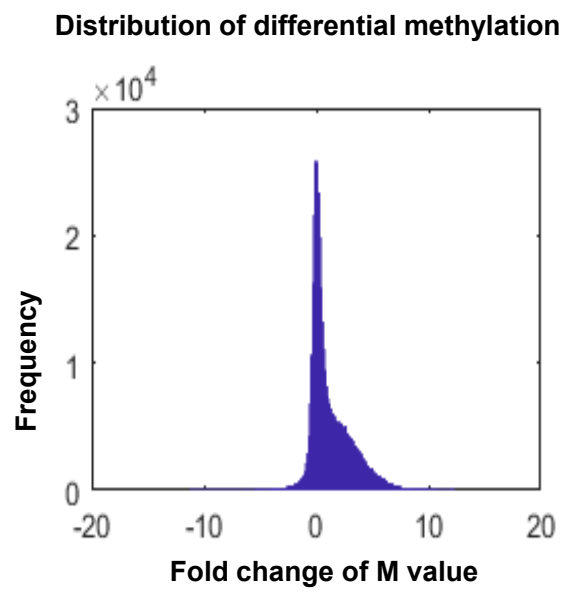
Supplementary Table 2. List of CpG sites from the 1,328 genes with DNA hypermethylation and decreased chromatin accessibility in T24R cells as compared to T24S cells.

Supplementary Table 3. List of CpG sites from the 310 genes with DNA hypomethylation and increased chromatin accessibility in T24R cells as compared to T24S cells.

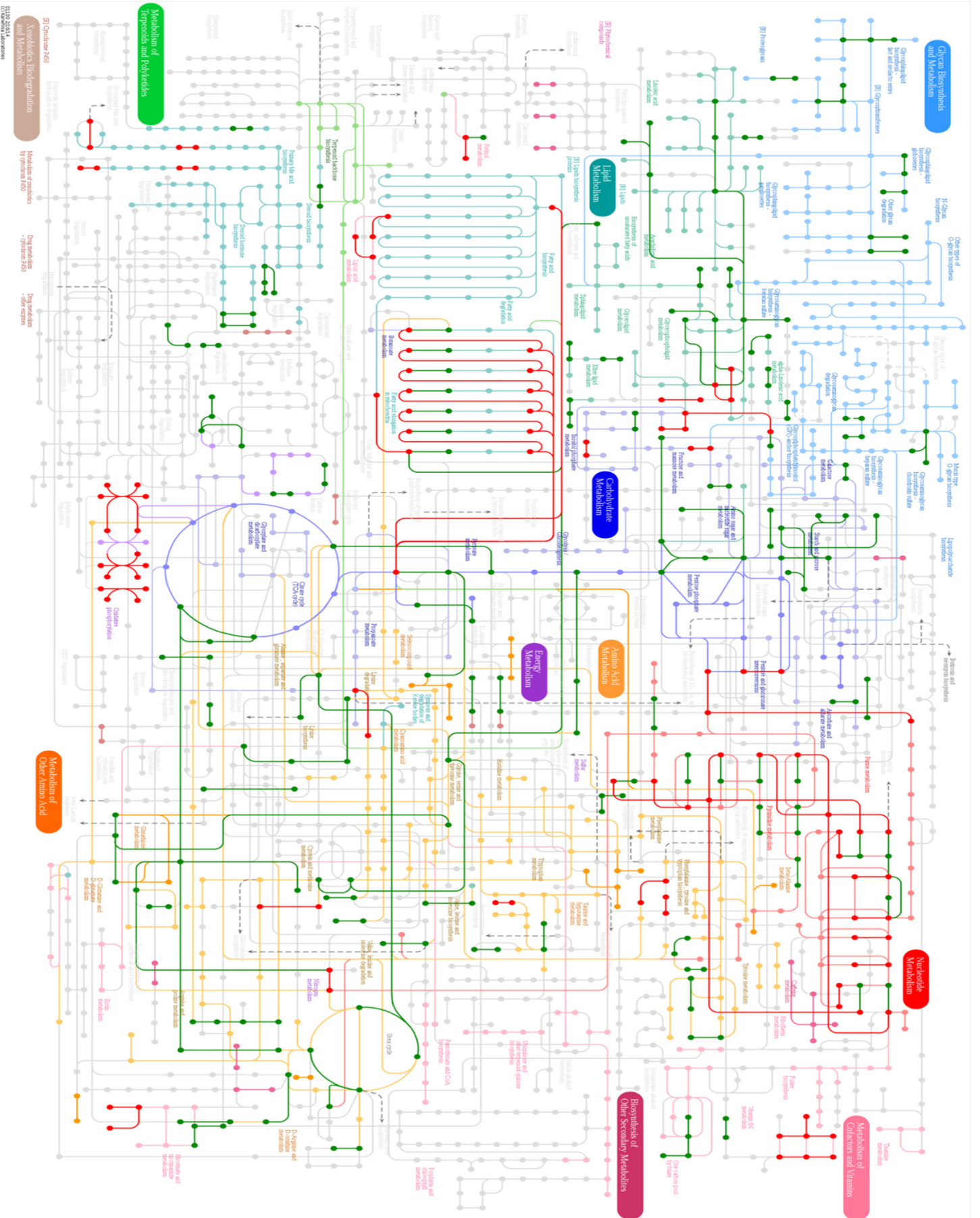
Supplementary Table 4. Top 10 genes with DNA hypermethylation and a decreased accessibility.

Supplementary Table 5. Top 10 genes with DNA hypomethylation and an increased accessibility.

Supplementary Figure 1.



Supplementary Figure 2.



Supplementary Table 4

Supplementary Table 4. Top 10 genes with DNA hypermethylation-decreased accessibility.

	CpG site	Gene Symbol	Full Name	delta Methylation	delta Accessibility
	cg03562565	PLXDC2	plexin domain containing 2	0.260209021	-0.629492538
	cg12561338	ZNF844	zinc finger protein 844	0.92640673	-0.583982886
	cg27640794	PALLD	palladin, cytoskeletal associated protein	0.799329902	-0.551257881
	cg18132851	ESR1	estrogen receptor 1	0.706765557	-0.548560385
DNA hypermethylation and decreased accessibility	cg13425174	DEF6	DEF6, guanine nucleotide exchange factor	0.536688727	-0.543013881
	cg14570307	ZNF783	zinc finger family member 783	0.507449531	-0.528072089
	cg20801007	CRACR2B	farnesyltransferase, CAAX box, alpha pseudogene 1	0.954512972	-0.519347641
	cg05901765	MARVELD2	MARVEL domain containing 2	0.778083227	-0.517254875
	cg19252199	COL4A1	collagen type IV alpha 1 chain	0.472351485	-0.51522197
	cg14293362	TM7SF2	transmembrane 7 superfamily member 2	0.921265572	-0.512018262

Supplementary Table 5

Supplementary Table 5. Top 10 genes with DNA hypomethylation-increased accessibility.

	CpG site	Gene Symbol	Full Name	delta Methylation	delta Accessibility
	cg13069985	TNXB	tenascin XB	-0.2574796	0.7539474
	cg00215587	MKRN3	makorin ring finger protein 3	-0.9284827	0.5556222
	cg18250453	TERF1	telomeric repeat binding factor 1	-0.4152482	0.5554719
	cg05790451	APBA2	amyloid beta precursor protein binding family A member 2	-0.6725021	0.5507082
DNA hypomethylation and increased accessibility	cg18396357	NRXN1	neurexin 1	-0.638523	0.5499878
	cg04398180	ADPRHL1	ADP-ribosylhydrolase like 1	-0.7876017	0.5302388
	cg03996020	DNAJB6	DnaJ heat shock protein family (Hsp40) member B6	-0.664263	0.5247597
	cg26668151	DNAJB6	DnaJ heat shock protein family (Hsp40) member B6	-0.6381607	0.5224943
	cg02227879	CAMK2G	calcium/calmodulin dependent protein kinase II gamma	-0.2585545	0.5187192
	cg18753341	DNAJB6	DnaJ heat shock protein family (Hsp40) member B6	-0.9596165	0.5064295
	cg05830220	KLHDC4	kelch domain containing 4	-0.575093	0.5028189