

**SUPPLEMENTARY TABLES**

**Supplementary Table 1. Differentially methylated loci for Dasatinib and Quercetin (DQ) treatment and Dasatinib, Quercetin, and Fisetin (DQF) treatment.**

<b>Dasatinib and Quercetin</b>					
<b>0-3 months</b>					
<b>CpG site</b>	<b>logFC</b>	<b>diffMeth</b>	<b>P-Value</b>	<b>FDR</b>	<b>geneID</b>
cg05915794	0.2878	Hyper	1.5·10 <sup>-12</sup>	1.3·10 <sup>-6</sup>	HRNBP3
cg18889307	-0.08974	Hypo	6.9·10 <sup>-9</sup>	0.002	TGIF1
cg02889828	-0.1833	Hypo	8.6·10 <sup>-9</sup>	0.002	
cg27262015	-0.1243	Hypo	2.0·10 <sup>-8</sup>	0.004	SORBS2
cg04704414	0.1107	Hyper	1.3·10 <sup>-7</sup>	0.022	NUBP2
cg06902281	0.1175	Hyper	1.9·10 <sup>-7</sup>	0.027	ZNF169
cg04955246	-0.155	Hypo	2.5·10 <sup>-7</sup>	0.031	PRKCA
cg02840515	-0.1262	Hypo	4.3·10 <sup>-7</sup>	0.039	KIAA2012
cg04132292	-0.2873	Hypo	4.4·10 <sup>-7</sup>	0.039	
cg25024143	-0.1463	Hypo	4.6·10 <sup>-7</sup>	0.039	SP2
cg20273352	-0.1645	Hypo	5.6·10 <sup>-7</sup>	0.044	IGHMBP2
<b>0-6 months</b>					
<b>CpG site</b>	<b>logFC</b>	<b>diffMeth</b>	<b>P-Value</b>	<b>FDR</b>	<b>geneID</b>
cg10585661	-0.1102	Hypo	8.0·10 <sup>-8</sup>	0.035	FAM131A
cg05779406	0.271	Hyper	8.1·10 <sup>-8</sup>	0.035	ZFAND2A
<b>Dasatinib, Quercetin, and Fisetin</b>					
<b>0-6 months</b>					
<b>CpG site</b>	<b>logFC</b>	<b>diffMeth</b>	<b>P-Value</b>	<b>FDR</b>	<b>geneID</b>
cg00379708	-0.1492	Hypo	1.4·10 <sup>-9</sup>	6.7·10 <sup>-4</sup>	RBM20
cg13172627	0.5832	Hyper	1.9·10 <sup>-9</sup>	6.7·10 <sup>-4</sup>	VENTXP1
cg26676360	0.1803	Hyper	2.3·10 <sup>-9</sup>	6.7·10 <sup>-4</sup>	LRP1
cg02632099	0.3497	Hyper	3.5·10 <sup>-9</sup>	7.5·10 <sup>-4</sup>	
cg18054725	-0.1509	Hypo	9.2·10 <sup>-9</sup>	0.002	ICAM3
cg01613010	0.2131	Hyper	2.5·10 <sup>-8</sup>	0.002	
cg16640929	-0.6613	Hypo	2.6·10 <sup>-8</sup>	0.002	ZBTB12
cg00877151	0.4233	Hyper	2.8·10 <sup>-8</sup>	0.002	IPO11-LRRC70;IPO11
cg06310713	0.3591	Hyper	3.1·10 <sup>-8</sup>	0.002	PALLD
cg08187458	0.1809	Hyper	3.3·10 <sup>-8</sup>	0.002	
cg00288652	-0.1792	Hypo	3.5·10 <sup>-8</sup>	0.002	
cg04706867	-0.1987	Hypo	3.6·10 <sup>-8</sup>	0.002	CNTNAP2
cg09093137	-0.5388	Hypo	3.7·10 <sup>-8</sup>	0.002	SRPK2
cg03012879	-0.4304	Hypo	3.7·10 <sup>-8</sup>	0.002	HMGR
cg12993163	-0.1746	Hypo	4.2·10 <sup>-8</sup>	0.002	SHOX2

All the significant probes (FDR<0.05) for DQ analyses are included. However, only the top 15 probes are included in the DQF analysis.