

Suppl. Figure 2

ACC cell lines		NCI-H295R	MUC-1	CU-ACC1	CU-ACC2
Response to treatment in vitro					
Response to rigosertib		+++	+	-	+
Response to poloxin		++	+	-	++
DNA alterations					
	Gene names				
	<i>ATRX</i>	Essential splice site	Nonsense		
	<i>CSFR1R</i>	Missense			
	<i>CTNNB1</i>	Missense		Missense	
	<i>KDR</i>	Frameshift			
	<i>MEN1</i>		Missense		
	<i>MSH2</i>				Deletion
	<i>TP53</i>	Deletion	Frameshift		Missense
<p>Legend: Red - nonsense mutation, blue - missense mutation, orange - frameshift/deletion, grey - essential splice site</p> <p style="text-align: center;">Cell cycle related gene expression (fold-change)</p>					
Pathway/family	Gene names	NCI-H295R	MUC-1	CU-ACC1	CU-ACC2
Aurora kinase	AURKA	5.74	3.95	9.54	0.31
	BIRC5	19.38	21.16	10.28	7.35
Cyclin dependent kinase	CDC25A	10.98	5.99	14.95	14.3
	CDK1	179.94	81.08	217.27	99.46
	CDK2	9.05	5.26	5.49	7.16
	CDK4	1.15	0.37	1.78	2.23
	CDK5	1.65	0.49	2.72	0.66
	CDK8	1.13	0.64	7.72	0.62
	CDK9	0.55	1.12	2.53	0.31
Ras family	HRAS	0.56	0.36	1.91	0.48
	KRAS	2.81	1.22	2.03	2.43
	NRAS	1.02	0.45	1.16	2.24
IGF system	IGF1R	0.14	0.32	0.17	1.13
	IGF2	20.15	0.17	136.08	2.78
	PIK3CA	0.47	0.3	1.3	0.05
PLK family	PLK1	4.68	2.21	9.23	4.12
	PLK2	5.15	3.73	0.56	3.04
	PLK4	11.75	18.02	14.52	14.51
	TERT	0.33	0.62	2.02	0.46
Topoisomerase	TOP2A	133.1	68.58	144.17	122.59