

Supplementary Table S3 Significance of identified target genes for *miR-195* and *miR-497* in Ago2-IP-seq, expression array experiments, and statistical analysis

GeneName	Ago2-IP-seq in Hep G2				Expression array (log2 ratio vs control transfectants)				Correlation of expression in HCC primary cases*			
	<i>miR-195</i>		<i>miR-497</i>		Hep G2		sK-Hep-1		<i>miR-195</i>		<i>miR-497</i>	
	fold enrichment	rank	fold enrichment	rank	<i>miR-195</i>	<i>miR-497</i>	<i>miR-195</i>	<i>miR-497</i>	correlation coefficient*	p-value	correlation coefficient*	p-value
<i>CDK6</i>	2.4518615	553	1.5193529	210	-1.22087	-1.32380	-1.40482	-1.41466	-0.2570845	0.02	-0.3091761	0.00
<i>CCND1</i>	4.0197213	184	1.0197937	915	-0.05767	-0.77935	-1.56689	-1.33998	0.2661775	0.01	0.2611633	0.01
<i>CCND3</i>	6.6434619	50	0.8435109	1451	-2.97051	-2.52965	-3.06233	-1.76106	0.0859502	0.42	0.0988667	0.36
<i>CCNE1</i>	12.5615966	14	2.3372704	78	-1.71522	-1.41478	-1.94184	-1.06548	-0.3686009	0.00	-0.2994528	0.00
<i>CDC25A</i>	5.1771055	97	0.9662803	1075	-4.73985	-3.18519	-5.11893	-2.39788	-0.3153836	0.00	-0.2454694	0.02
<i>EZF3</i>	2.0676892	785	1.1333364	595	-0.25458	-0.48169	-0.60576	-0.22030	-0.2677048	0.01	-0.1685326	0.11
<i>CDK4</i>	2.9600333	359	0.7883319	1635	-1.73786	-0.95476	-1.77535	-0.80360	-0.3554960	0.00	-0.2923610	0.01
<i>BTRC</i>	2.9344809	371	1.3681312	309	-2.11719	-1.65169	-1.12690	-0.99834	-0.1901542	0.07	-0.1282887	0.23

*Pearson's product-moment correlation coefficient were calculated for *miR-195* or *miR-497* and each target genes from dataset of HCC primary cases (GSE20596)