

S5 Table. hsa-miR-34a pathways.

#	KEGG pathway	KEGG ID	#gene	p-value
2	Viral carcinogenesis	hsa05203	27	1.34E-12
1	Cell cycle	hsa04110	22	1.00E-16
5	Pathways in cancer	hsa05200	20	3.99E-07
4	Transcriptional misregulation in cancer	hsa05202	19	3.32E-07
6	Pyrimidine metabolism	hsa00240	12	8.19E-07
7	Colorectal cancer	hsa05210	11	2.70E-06
8	Small cell lung cancer	hsa05222	10	3.31E-06
11	Chronic myeloid leukemia	hsa05220	9	6.67E-05
12	Pancreatic cancer	hsa05212	9	0.000107253
14	Prostate cancer	hsa05215	9	0.000751872
3	DNA replication	hsa03030	8	4.03E-08
15	p53 signaling pathway	hsa04115	8	0.000786701
21	Wnt signaling pathway	hsa04310	8	0.02368349
9	Endometrial cancer	hsa05213	7	1.45E-05
10	Bladder cancer	hsa05219	7	4.04E-05
13	Non-small cell lung cancer	hsa05223	7	0.000270115
18	Glioma	hsa05214	7	0.001558798
19	Melanoma	hsa05218	6	0.007661737
16	Thyroid cancer	hsa05216	5	0.001012695
20	Notch signaling pathway	hsa04330	5	0.01841269
22	Acute myeloid leukemia	hsa05221	5	0.02492931