



Supplementary Figure 1 The residual determination of 28S and 18S of rRNA in the samples with ribosomal RNA removed and the samples without ribosomal RNA removed by qPCR.

Supplementary Table 1 Relationships between differentially expressed m6A level and the expression of circRNAs.

Comparison information						
CircRNAID	The level of differentially methylated sites of circRNAs			The expression level of circRNAs		
	Regulation	Fold change	P value	Regulation	Fold change	P value
chr9:102618811-102619760-	down	24.25	4.83147E-07	down	14.5651421	0.126998019
chr4:108486454-108508433+	down	27.79	3.27262E-08	down	1.9006868	0.383526401
chr9:72619536-72672844+	down	13.29032258	0.002476197	up	2.4420588	0.391369691
chr4:134804107-134828117-	down	3.541353383	0.038951755	down	1.9006868	0.383526401
chr4:108486454-108508433+	down	6.451913133	1.63122E-05	down	1.9006868	0.383526401
chr11:23261835-23271205+	down	40.6	0.000442849	down	2.3947153	0.377674953
chr6:119951703-120038640-	down	47.4	9.37286E-05	up	3.5220582	0.341637556
chr9:69408311-69432615+	down	22.6	0.00943617	down	4.0949055	0.145854572
chr1:43980294-44002165+	down	6.121546961	3.08725E-06	up	3.5220582	0.341637556
chr1:13298706-13325802-	down	51.7	6.86061E-05	down	1.9006868	0.383526401
chr9:16282866-16359330-	down	7.4	0.012568111	up	4.6714904	0.346413517
chr11:70887011-70925912+	down	2.581395349	0.0181522	down	1.9006868	0.383526401
chr1:164302744-164306438-	down	15.4	0.036178275	down	4.0949055	0.201382099
chr1:128252203-128277166+	down	5.717314488	1.93694E-08	up	3.0768012	0.338826371
chr5:45795293-45821789-	down	4.386956522	0.000783434	down	3.0171522	0.375328102
chr18:36281418-36295732+	down	4.698412698	0.010837494	up	2.4420588	0.231374494
chr16:35735441-35769062-	down	9.451612903	0.012945548	up	2.4420588	0.231374494
chr1:150413021-150442180+	down	52.0952381	1.98141E-08	down	5.9058758	0.13881649
chr16:11144012-11144189+	down	2.172890613	0.045797914	down	2.7412647	0.439338931
chr9:107847268-107860459-	down	302.6	3.63198E-09	down	5.9058758	0.13881649
chr8:104143031-104143793+	down	160.7285714	1.15908E-08	up	3.5220582	0.272862404
chr19:53949819-53988383+	down	15.4	0.036178275	up	3.5220582	0.341637556

chr2:143947736-143969462-	down	2.584615385	0.013001578	up	3.5220582	0.272862404
chr11:32283981-32297161+	down	24.1	4.96449E-07	up	3.0768012	0.338826371
chr15:98656602-98658435-	down	6.336368235	2.40395E-07	down	4.0949055	0.145854572
chr7:45045842-45046177-	up	2.550148559	0.019672367	up	3.0768012	0.338826371
chr4:141817897-141859373-	up	3.791505792	0.00337655	down	5.1592577	0.136606298
chr17:10207555-10238923-	up	2.111898017	0.015188145	down	6.5002574	0.136135118
chr18:32101213-32191927+	up	3.025	0.007515588	up	2.4420588	0.231374494
chr3:27550991-27554756-	up	5.078463425	4.54665E-07	down	2.7412647	0.37607937
chr2:153756037-153769786+	up	106.3304348	2.09239E-08	down	5.9058758	0.13881649
chr11:50301758-50308929-	up	3.741201765	0.000121216	down	2.7412647	0.482772206
chr15:98656602-98658435-	up	187.2	3.67392E-09	down	4.0949055	0.145854572
chr19:40314443-40373578-	up	42.4	0.000873851	down	1.9006868	0.476986276
chr17:67116853-67129064-	up	4.538461538	0.030377445	down	5.1592577	0.191400322
chr3:84903501-84904079+	up	20.5	0.023146372	down	2.7412647	0.37607937
chr11:44651797-44652825+	up	23.9	0.007108941	up	3.5220582	0.341637556
chr4:154417423-154417585-	up	3.518867925	0.033127234	down	4.0949055	0.201382099
chr16:56138985-56180578+	up	2.285046729	0.04346316	down	6.5002574	0.142260166
chr16:94611419-94694141+	up	37.67727273	7.9549E-08	up	2.4420588	0.391369691
chr9:64175210-64177415+	up	6.626134301	7.94212E-08	down	6.5002574	0.142260166
chr10:28334476-28410644+	up	3.844444444	0.001972467	up	3.0768012	0.260525916
chr15:55208731-55252408+	up	5.837209302	0.023361762	down	4.0949055	0.145854572
chr4:125504184-125504958+	up	2.621126146	0.012201168	down	2.3947153	0.449665393
chr19:60763157-60766631-	up	2.92730829	0.028213481	down	7.00219	0.145632925
chr6:30554300-30642997+	up	18.7	0.027346296	down	1.9006868	0.476986276
chr7:80616465-80652562-	up	19.6	0.027339064	up	2.4420588	0.333171953
chr5:148505991-148552091-	up	18.7	0.027346296	down	1.9006868	0.476986276
chr10:60144413-60144723-	up	24.9	0.014047401	up	2.4420588	0.391369691

chr7:63891679-63938495-	up	21.1	0.034908475	up	3.0768012	0.260525916
chr10:90991482-91058442-	up	10.43181818	0.000364765	up	3.8765267	0.343413425
chr15:12136396-12184166+	up	3.766233766	0.034607783	up	2.4420588	0.391369691
chr11:74928993-74990215+	up	172.8	3.92116E-09	down	5.1592577	0.191400322
chr18:30276981-30282053+	up	50.95454545	7.61781E-09	down	1.9006868	0.383526401
chr4:134804107-134828117-	up	13.97481108	2.87062E-07	down	1.9006868	0.383526401
chr10:111481280-111486746+	up	5.003685504	1.39165E-06	down	6.5002574	0.136135118
chr9:108207543-108263690-	up	120.0344828	3.70238E-08	up	3.0768012	0.386581699

SAP vs. CON. From this table, we found that the expression level of these circRNAs with differentially expressed m6A peaks did not have significant difference (fold change < 2 or p > 0.05)