



**Figure S1** The overall survival of the FANCI high-expression group and the low-expression group in LUAD based on TCGA. LUAD, lung adenocarcinoma.

**Table S1** The up/downregulated DEMs in GSE63805

Up/down regulated	DEMs	adj.P.Val	P value	logFC
Upregulated	hsa-miR-21	5.64E-13	1.21E-15	2.04448
	hsa-miR-96	6.41E-10	4.37E-12	1.89378
	hsa-miR-135b	1.98E-08	1.89E-10	1.84985
	hsa-miR-193b	9.22E-07	1.38E-08	1.0178
	hsa-miR-183	1.19E-06	1.95E-08	1.42641
	hsa-miR-1979	4.45E-06	7.88E-08	1.07789
	hsa-miR-130b	3.30E-05	6.29E-07	1.21872
	hsa-miR-31	4.20E-05	1.09E-06	1.4055
	hsa-miR-9	5.34E-05	1.45E-06	2.20422
	hsa-miR-429	2.77E-04	8.67E-06	1.12272
	hsa-miR-141	5.49E-04	1.92E-05	1.0451
	hsa-miR-891a	5.49E-04	2.02E-05	1.03588
	hsa-miR-1246	9.02E-04	4.14E-05	1.7101
	hsa-miR-210	9.34E-04	4.58E-05	1.02295
	hsa-miR-1290	1.12E-02	7.17E-04	1.00711
	hsa-miR-375	1.31E-02	9.16E-04	1.03906
	Downregulated	hsa-miR-451	5.64E-13	1.54E-15
hsa-miR-30a		2.25E-10	9.21E-13	-1.58344
hsa-miR-126		2.58E-10	1.41E-12	-1.68116
hsa-miR-520e		7.43E-09	6.07E-11	-2.27211
hsa-miR-30d		4.07E-08	4.44E-10	-1.28665
hsa-miR-30b		3.93E-07	4.82E-09	-1.16183
hsa-miR-144		7.28E-07	9.91E-09	-1.70085
hsa-miR-145		3.43E-05	7.25E-07	-1.18285

DEM, differentially expressed microRNA.