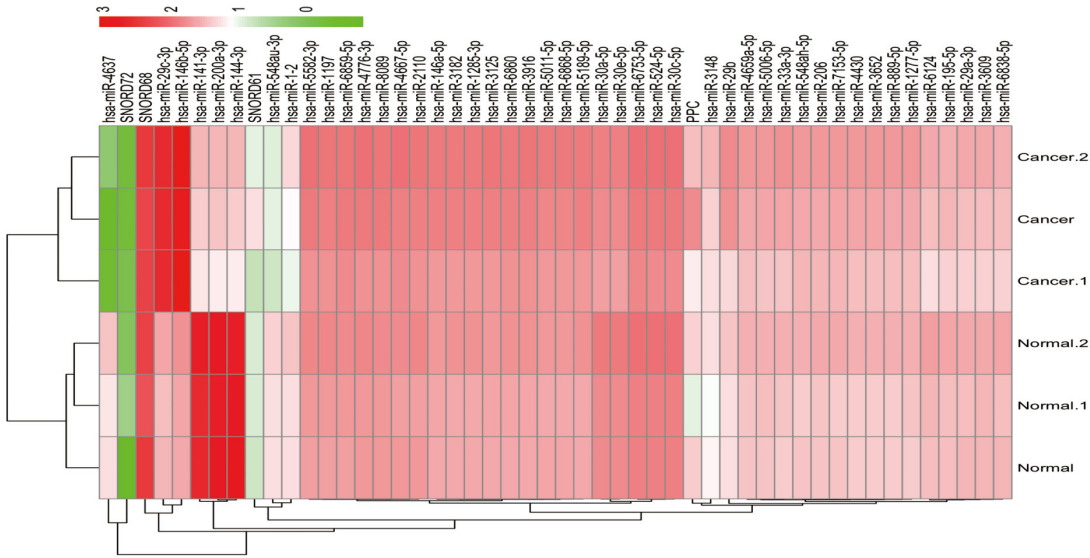


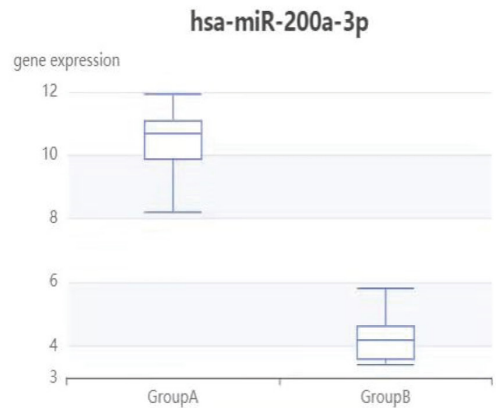
A



B

miRNA ID	Cancer Type	Design	logFC	AveExpr	T value	P value	adj Pvalue	Status	Plot
hsa-miR-205-5p	bladder cancer	cancer vs normal	4.94	9.58	14.84	1.43e-9	2.65e-7	UP	
hsa-miR-200c-3p	bladder cancer	cancer vs normal	5.77	8.96	13.16	6.26e-9	7.72e-7	UP	
hsa-miR-944	bladder cancer	cancer vs normal	5.62	5.82	12.49	1.19e-8	1.20e-6	UP	
hsa-miR-107	bladder cancer	cancer vs normal	2.67	14.76	10.74	7.27e-8	4.48e-6	UP	
hsa-miR-1307-3p	bladder cancer	cancer vs normal	3.32	7.68	10.22	1.30e-7	6.89e-6	UP	
hsa-miR-141-3p	bladder cancer	cancer vs normal	4.68	3.96	8.61	9.32e-7	3.70e-5	UP	
hsa-miR-135b-5p	bladder cancer	cancer vs normal	5.42	1.19	8.36	1.31e-6	5.02e-5	UP	
hsa-miR-4724-5p	bladder cancer	cancer vs normal	5.36	-0.48	8.02	2.06e-6	6.54e-5	UP	
hsa-miR-21-5p	bladder cancer	cancer vs normal	3.67	13.40	7.92	2.39e-6	7.16e-5	UP	
hsa-miR-191-5p	bladder cancer	cancer vs normal	2.28	13.18	7.22	6.43e-6	1.49e-4	UP	
hsa-miR-6887-3p	bladder cancer	cancer vs normal	3.62	-2.70	7.08	8.00e-6	1.75e-4	UP	
hsa-miR-210-3p	bladder cancer	cancer vs normal	4.18	5.73	6.96	9.57e-6	2.04e-4	UP	
hsa-miR-7641	bladder cancer	cancer vs normal	3.56	6.16	6.90	1.04e-5	2.17e-4	UP	
hsa-miR-301b-3p	bladder cancer	cancer vs normal	4.65	-1.50	6.85	1.13e-5	2.24e-4	UP	
hsa-miR-200a-3p	bladder cancer	cancer vs normal	5.24	7.31	6.86	1.12e-5	2.24e-4	UP	

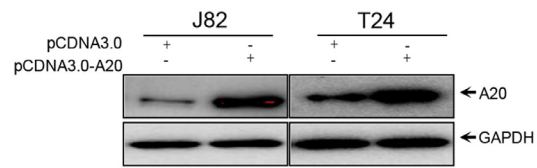
BoxPlot



**Group\_A:**  
bladder cancer cancer

**Group\_B:**  
bladder cancer normal

**Figure S1** The expression of miR-200a-3p between bladder cancer and normal tissues. (A) Heat map of Agilent miRNA microarray analysis data of bladder cancer tissues and adjacent nontumor tissues. (B) The expression of miR-200a-3p in cBioPortal database.



**Figure S2** Transfection efficacy of A20 overexpression vector in J82 and T24 cells. Western blotting was performed to assess the transfection efficiency of pCDNA3.0-A20 in J82 and T24 cells. A20, TNF- $\alpha$ -induced protein 3.