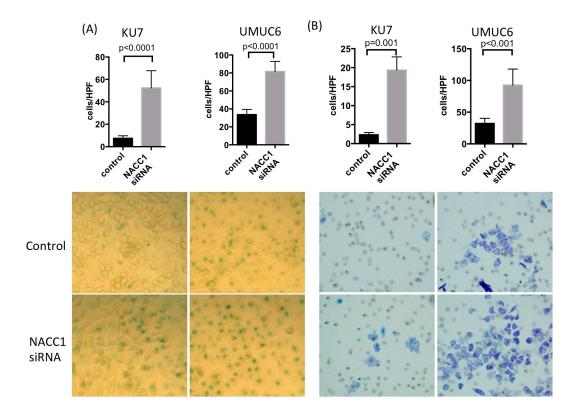
## Supplementary Materials: NACC1, As A Target of MicroRNA-331-3p, Regulates Cell Proliferation in Urothelial Carcinoma Cells

Kohei Morita, Tomomi Fujii, Hiroe Itami, Tomoko Uchiyama, Tokiko Nakai, Kinta Hatakeyama, Aya Sugimoto, Makito Miyake, Yasushi Nakai, Nobumichi Tanaka, Keiji Shimada, Masaharu Yamazaki, Kiyohide Fujimoto and Chiho Ohbayashi



**Figure S1.** Images of SA- $\beta$ -gal assay and cell invasion assay in KU7 and UMUC6. (**A**) SA- $\beta$ -gal assay for UMUC6 and KU7 cells transfected with NACC1 siRNA. The Y-axis shows the number of positive cell counts per one hpf; (**B**) Matrigel invasion assay showing promotion of invasion capability of UMUC6 and KU7 cells transfected with NACC1 siRNA. Scale bar: ×100.

## DIANA TOOLS – MicroT-CDS

(Transcript)H	lomo sapiens nucleus accumbens associated 1 (NACC1), mRNA (NM_052876).
(miRNA) n	niR-331-3p

2035			
(Transcript) 5' UCUCCACACUCACC CCA A 3'	3304 (Transcript) 5' CCACUG CCC GUCUC 3'		
AGGCCCAGGGG_	CUAGGGUCCAGGGGC		
UCCGGGUCCCC_	GAUCCUGGGUCCCCG		
(miRNA) 3'AG 5'	(miRNA) 3'AAUCC5'		
2153	3683		
(Transcript) 5' CCUUGGGAUGCU 3'	(Transcript) 5' GCGGCCUGACGGG3'		
CUAGGG_GGG_CCCAGGGG_	CUGGGAGGCC_AGGGGC		
GAUCCU_UCC_GGGUCCCC_	GAUCCUCCGG_UCCCCG		
(miRNA) 3'AG 5'	(miRNA) 3'AUAG5'		
2570	3982		
(Transcript) 5' CAGUAGGACUUAAA 3'	(Transcript) 5' GGGGGUG GAA GGG G 3'		
CUGGGGGCCCAGGGG_	GGGA GGGUC CAGGGG		
GAUCCCCGGGUCCCC_	UCCUUCCGGGUCCCC_		
(miRNA) 3'AUAUG 5'	(miRNA) 3'AG 5'		
2765	3991		
2765 (Transcript) 5' GUCUAUUGUCCCC_C _ UC U 3'			
CU GG CCCAGGGG	(Transcript) 5' GAGACGGGCAGGGA 3'		
GA_CCGGGUCCCC_	AGGGUGGGU_CAGGGG_ UCCUAUCCG_ GUCCCC_		
(miRNA) 3' A_U_UAUCC G 5'	(miRNA) 3' A G G 5'		
	(1111107) 566		
3292			
(Transcript) 5' ACCCCCACCUACCCACUGCU U 3'			
CCCAGGGG_			
GGGUCCCC_			
(miRNA) 3'CG 5'			



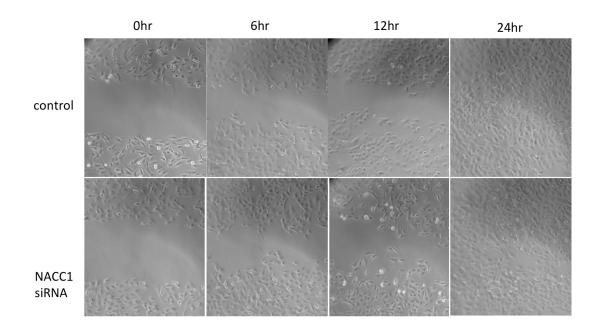


Figure S3. Images of wound healing test in T24 cells. Scale bar: ×100.