

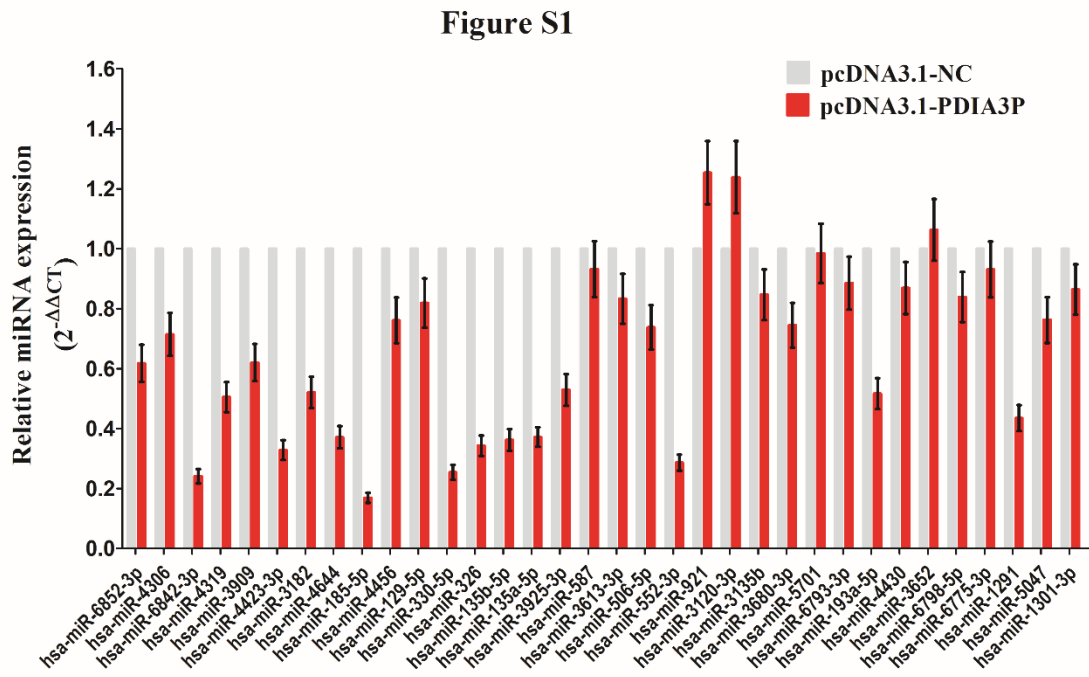
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## **Supplemental Information**

### **The lncRNA PDIA3P Interacts with miR-185-5p to Modulate Oral Squamous Cell Carcinoma Progression by Targeting Cyclin D2**

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Supplemental Figure 1



**Figure S1.** qRT-PCR was used to screen differentially expressed miRNAs (predicted by miRDB for PDIA3P) associated with PDIA3P.

**Table S1. Predicted results (PDIA3P) using miRDB (target score  $\geq 50$ )**

Target Detail	Target Rank	Target Score	miRNA Name	Gene Symbol
Detail	1	97	hsa-miR-6852-3p	submission
Detail	2	91	hsa-miR-4306	submission
Detail	3	84	hsa-miR-6842-3p	submission
Detail	4	84	hsa-miR-4319	submission
Detail	5	84	hsa-miR-3909	submission
Detail	6	75	hsa-miR-4423-3p	submission
Detail	7	75	hsa-miR-3182	submission
Detail	8	73	hsa-miR-4644	submission
Detail	9	73	hsa-miR-185-5p	submission
Detail	10	73	hsa-miR-4456	submission
Detail	11	69	hsa-miR-129-5p	submission
Detail	12	67	hsa-miR-330-5p	submission
Detail	13	67	hsa-miR-326	submission
Detail	14	66	hsa-miR-135b-5p	submission
Detail	15	66	hsa-miR-135a-5p	submission
Detail	16	64	hsa-miR-3925-3p	submission
Detail	17	61	hsa-miR-587	submission
Detail	18	59	hsa-miR-3613-3p	submission
Detail	19	59	hsa-miR-506-5p	submission
Detail	20	58	hsa-miR-552-3p	submission
Detail	21	58	hsa-miR-921	submission
Detail	22	58	hsa-miR-3120-3p	submission
Detail	23	58	hsa-miR-3135b	submission
Detail	24	57	hsa-miR-3680-3p	submission
Detail	25	57	hsa-miR-5701	submission
Detail	26	56	hsa-miR-6793-3p	submission
Detail	27	53	hsa-miR-193a-5p	submission
Detail	28	52	hsa-miR-4430	submission
Detail	29	52	hsa-miR-3652	submission
Detail	30	52	hsa-miR-6798-5p	submission
Detail	31	52	hsa-miR-6775-3p	submission
Detail	32	52	hsa-miR-1291	submission
Detail	33	51	hsa-miR-5047	submission
Detail	34	51	hsa-miR-1301-3p	submission

**Table S2. Primers for qRT-PCR**

Primers for qRT-PCR	
PDIA3P-F	AACCACTGGGGAGGACTAGG
PDIA3P-R	CAGTGCAGCTAAGAAATGGCT
CCND2-F	CCGACAACCTCCATCAAGCCT
CCND2-R	CTTAAAGTCGGTGGCACACA
GAPDH-F	AAGACCTTGGGCTGGGACTG
GAPDH-R	ACCAAATCCGTTGACTCCGA
miR-6852-3p 3' specific primer	TGTCCTCTGTTCCCTCAG
miR-4306 3' specific primer	TGGAGAGAAAGGCAGTA
miR-6842-3p 3' specific primer	TTGGCTGGTCTCTGCTCCGCAG
miR-4319 3' specific primer	TCCCTGAGCAAAGCCAC
miR-3909 3' specific primer	TGTCCTCTAGGGCCTGCAGTCT
miR-4423-3p 3' specific primer	ATAGGCACCAAAAAGCAACAA
miR-3182 3' specific primer	GCTTCTGTAGTGTAGTC
miR-4644 3' specific primer	TGGAGAGAGAAAAGAGACAGAAG
miR-185-5p 3' specific primer	TGGAGAGAAAGGCAGTTCCTGA
miR-4456 3' specific primer	CCTGGTGGCTTCCTTTT
miR-129-5p 3' specific primer	CTTTTTGCGGTCTGGGCTTGC
miR-330-5p 3' specific primer	TCTCTGGGCCTGTGTCTTAGGC
miR-326 3' specific primer	CCTCTGGGCCCTTCCTCCAG
miR-135b-5p 3' specific primer	TATGGCTTTTTCATTCCTATGTGA
miR-135a-5p 3' specific primer	TATGGCTTTTTTATTCCTATGTGA
miR-3925-3p 3' specific primer	ACTCCAGTTTTAGTTCTCTTG
miR-587 3' specific primer	TTCCATAGGTGATGAGTCAC
miR-3613-3p 3' specific primer	ACAAAAAAAAAAGCCCAACCCTTC
miR-506-5p 3' specific primer	TATTCAGGAAGGTGTTACTTAA
miR-552-3p 3' specific primer	AACAGGTGACTGGTTAGACAA
miR-921 3' specific primer	CTAGTGAGGGACAGAACCAGGATTC
miR-3120-3p 3' specific primer	CACAGCAAGTGTAGACAGGCA
miR-3135b 3' specific primer	GGCTGGAGCGAGTGCAGTGGTG

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miR-3680-3p 3' specific primer	TTTTGCATGACCCTGGGAGTAGG
miR-5701 3' specific primer	TTATTGTCACGTTCTGATT
miR-6793-3p 3' specific primer	TCCCCAACCCCTGCCCGCAG
miR-193a-5p 3' specific primer	TGGGTCTTTGCGGGCGAGATGA
miR-4430 3' specific primer	AGGCTGGAGTGAGCGGAG
miR-3652 3' specific primer	CGGCTGGAGGTGTGAGGA
miR-6798-5p 3' specific primer	CCAGGGGGATGGGCGAGCTTGGG
miR-6775-3p 3' specific primer	AGGCCCTGTCCTCTGCCCCAG
miR-1291 3' specific primer	TGGCCCTGACTGAAGACCAGCAGT
miR-5047 3' specific primer	TTGCAGCTGCGGTTGTAAGGT
miR-1301-3p 3' specific primer	TTGCAGCTGCCTGGGAGTGACTTC

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MiRNA specific 5' primer, U6-Forward and U6-Reverse were provided by the Mir-X™ miRNA First Strand Synthesis Kit

## Sequences for shRNA

### CCND2:

sh-1: top strand: 5'-  
CACCGGAACAGAAGTGCGAAGAAGACGAATCTTCTTCGCACTTCTGTTCC  
-3', bottom strand: 5'-  
AAAAGGAACAGAAGTGCGAAGAAGATTCGTCTTCTTCGCACTTCTGTTCC -  
3';

sh-2: top strand: 5'-  
CACCGCAAGCATGCTCAGACCTTCACGAATGAAGGTCTGAGCATGCTTGC  
-3', bottom strand: 5'-  
AAAAGCAAGCATGCTCAGACCTTCATTCGTGAAGGTCTGAGCATGCTTGC  
-3';

sh-3: top strand: 5'-  
CACCGCATGCTCAGACCTTCATTGCCGAAGCAATGAAGGTCTGAGCATGC  
-3', bottom strand: 5'-  
AAAAGCATGCTCAGACCTTCATTGCTTCGGCAATGAAGGTCTGAGCATGC  
-3';

### PDIA3P:

sh-1: top strand: 5'-  
CACCGGAGTCAGTGGATATCCAACCCGAAGGTTGGATATCCACTGACTCC  
-3', bottom strand: 5'-  
AAAAGGAGTCAGTGGATATCCAACCTTCGGGTTGGATATCCACTGACTCC  
-3';

sh-2: top strand: 5'-  
CACCGCAACTTGAGGGATAACTACCCGAAGGTAGTTATCCCTCAAGTTGC  
-3', bottom strand: 5'-  
AAAAGCAACTTGAGGGATAACTACCTTCGGGTAGTTATCCCTCAAGTTGC -  
3';

sh-3: top strand: 5'-  
CACCGCTCAGCAAAGACCTGAATATCGAAATATTCAGGTCTTTGCTGAGC -

3', bottom strand: 5'-  
AAAAGCTCAGCAAAGACCTGAATATTTTCGATATTCAGGTCTTTGCTGAGC -  
3'.