

Table S1. Clinic characteristics of lung adenocarcinoma patients.

	PD-L1 Negative	PD-L1 Positive	P value
Parameter			
All patients	N=212 (77.1%)	N=63 (22.9%)	
Age (years)			0.827
<60	84 (77.8%)	24 (22.2%)	
≥ 60	128 (76.6%)	39 (23.4%)	
Gender			
Female	136 (85%)	24 (15%)	0.000
Male	76 (66%)	39 (34%)	
Pathologic stage			
I	164 (82.4%)	35 (17.6%)	0.001
II-III	48 (70.6%)	28 (29.4%)	
Pathologic T stage			
T1	142 (82.6%)	30 (17.4%)	0.005
T2-T4	70 (68.0%)	33 (32.0%)	
Pathologic N stage			
N0	171 (82.2%)	37 (17.8%)	0.000
N1-N3	41 (62.0%)	26 (38.0%)	

Table S2. List of primers for qRT-PCR.

Gene name	Primers	
	Forward	Reverse
GAPDH	TGAACGGGAAGCTCACTGG	TCCACCACCCTGTTGCTGTA
PD-L1 mRNA primer 1	AGGCCGAAGTCATCTGGAC	CTGGGATGACCAATTCAGCT
PD-L1 mRNA/lnc primer 2	TCACGGTTCCCAAGGACCTA	CCCCGATGAACCCCTAAACC
PD-L1 mRNA primer 3	CCAGTCACCTCTGAACATG	TCAGTGTGCTGGTCACATTG
PD-L1-lnc primer 4	CTGAGTGGAGATTAGATCCTG	CATCATTCTCCCAAGTGAGTC
SAA2	GCTTCTTTTCGTTCCCTGGCG	GCCGATGTAATTGGCTTCTCTCA
OAS2	ACGTGACATCCTCGATAAACTG	GAACCCATCAAGGGACTTCTG
IFI44L	ACAGAGCCAAATGATCCCTATG	TCGATAAACGACACACCAGTTG
SAA4	GGCAGAGCCTATTGGGACATA	GCTGATGAGTTTAGCAGCCC
IFI44	ATGGCAGTGACAACTCGTTTG	TCCTGGTAACTCTTCTGCATA
OASL	CTGATGCAGGAAGTGTATAGCAC	CACAGCGTCTAGCACCTCTT
IFITM1	CCAAGGTCCACCGTGATTAAC	ACCAGTTCAAGAAGAGGGTGT
MX2	CAGAGGCAGCAGACGATCAAC	TGGTCAGGATACCGATGGTC
MX1	GTTTCCGAAGTGGACATCGCA	CTGCACAGGTTGTTCTCAGC
COL8A1	GCTGCCACCTCAAATTCCTC	CTTCTTGGGTACGGCTTCCT
IFIT1	AGAAGCAGGCAATCACAGAAAA	CTGAAACCGACCATAGTGGAAT
IFIT3	AAAAGCCCAACAACCCAGAAT	CGTATTGGTTATCAGGACTCAGC
SOD2	GCTCCGGTTTTGGGGTATCTG	GCGTTGATGTGAGGTTCCAG
IFITM3	ACTGTCCAAACCTTCTTCTCTCC	TCGCCAACCATCTTCCTGTC
IFI6	GGTCTGCGATCCTGAATGGG	TCACTATCGAGATACTTGTGGGT
HLA-A	GACGCCCCAAAACGCATA	TGGGCAAACCCTCATGCTG
GFP mRNA	AAGGACGACGGCAACTACAA	CGATGTTGTGGCGGATCTTG
MSI1	GGGACTCAGTTGGCAGACTAC	CTGGTCCATGAAAGTGACGAA
ESRP2	TTGCAGCAAGGCTGATGTG	GTTGAGGCAGAGTGCTACACC
DAZAP1	AGAAGTTCGGAGTGGTCACG	ACTGATTGTTTCGTCCTCGAAAG

Table S3. List of target sequences of various siRNAs.

Gene name	Target sequence 5'-3'
PD-L1-lnc shRNA	GACTCACTTGGGAGAATGATGGA
c-Myc-si-1	GAGGAGACATGGTGAACCA
c-Myc-si-2	GGGTCAAGTTGGACAGTGT
c-Myc-si-3	CGACGAGACCTTCATCAAA
DAZAP-si-1	CGGAGGTAGTCATGATCTA
DAZAP-si-2	CAACCAGTCTCGAGGCTTT