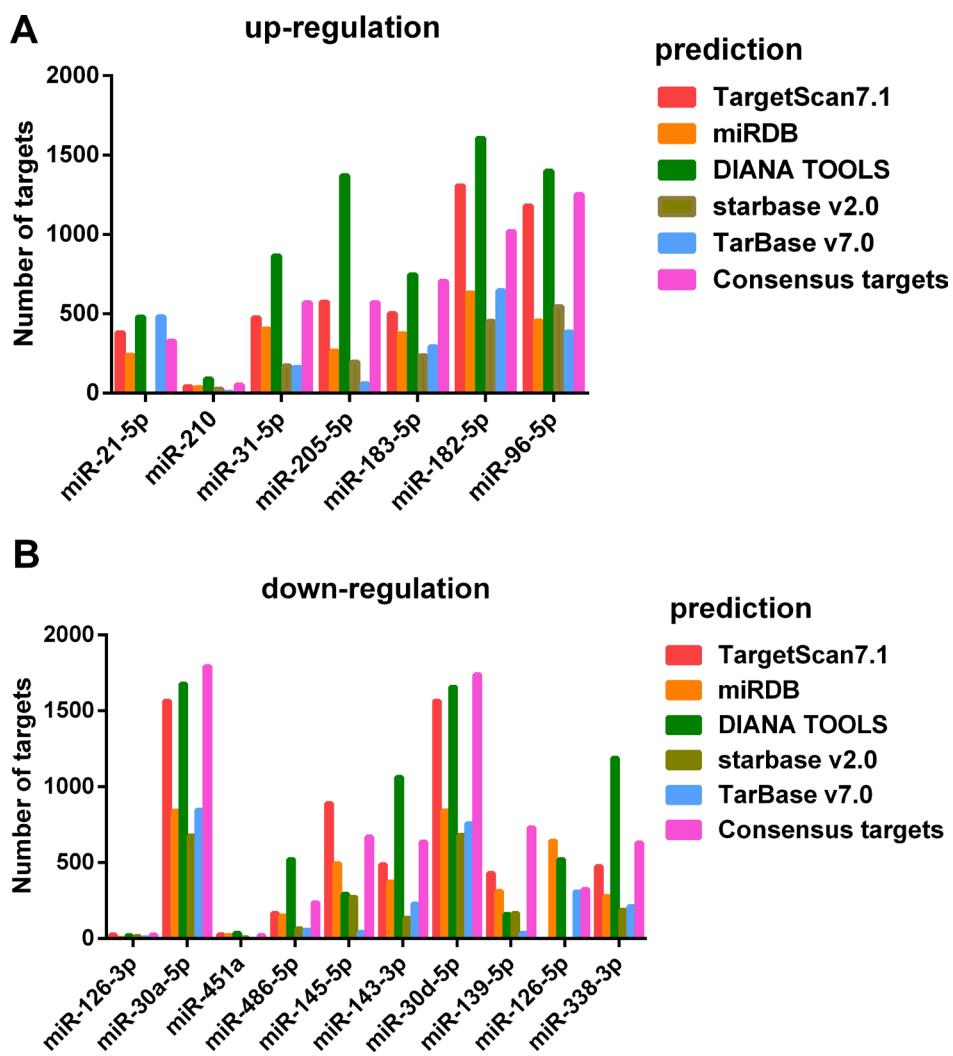


## Non-small cell lung cancer associated microRNA expression signature: integrated bioinformatics analysis, validation and clinical significance

### Supplementary Materials



**Supplementary Figure 1: Predicted and experimentally validated targets of integrated miRNAs.** Shown is the number of targets predicted by three target prediction algorithms and validated target databases Tarbase and starBase. Consensus targets were defined as genes predicted by at least 2 algorithms plus validated targets from TarBase and starBase.

**Supplementary Table 1: Characteristics of the patients**

No.	gender	age	smoking history	histological type	tumor tissue site	pathologic stage
1	male	60	YES	AD	R-Middle	Stage IIA
2	male	70	YES	SCC	L-Lower	Stage IIA
3	female	51	NO	AD	R-Lower	Stage IA
4	male	78	NO	AD	R-Middle	Stage IIIA
5	male	73	YES	SCC	R-Upper	Stage IB
6	male	61	YES	AD	R-Upper	Stage IIB
7	male	59	YES	SCC	L-Upper	Stage IB
8	male	60	YES	SCC	L-Upper	Stage IIB
9	female	43	NO	AD	R-Lower	Stage IIA
10	female	63	NO	AD	R-Upper	Stage IIIA
11	male	36	YES	AD	R-Upper	Stage IIA
12	female	66	NO	AD	L-Upper	Stage IA

AD, adenocarcinoma; SCC, Squamous cell carcinoma.

**Supplementary Table 2: Information of the primers**

miRNA ID	Species	Accession number	Sequence
miR-21-5p	human	MIMAT0000076	uagcuuaucagacugauuguaga
miR-210-3p	human	MIMAT0000267	cugugcgugugacagcgccuga
miR-205-5p	human	MIMAT0000266	uccuucauuccaccggagucug
miR-182-5p	human	MIMAT0000259	uuuggcaaugguagaacucacacu
miR-31-5p	human	MIMAT0000089	aggeaagaugcuggcauagcu
miR-183-5p	human	MIMAT0000261	uauggcacugguagaauucacu
miR-96-5p	human	MIMAT0000095	uuuggcacuagcacauuuuugcu
miR-126-3p	human	MIMAT0000445	ucguaccgugaguauaaugcg
miR-30a-5p	human	MIMAT0000087	uguaaacauccucgacugagaag
miR-451a	human	MIMAT0001631	aaaccguuaccuuacugaguu
miR-486-5p	human	MIMAT0002177	uccuguacugagcugccccgag
miR-145-5p	human	MIMAT0000437	guccaguuuuucccaggaaucuccu
miR-143-3p	human	MIMAT0000435	ugagaugaagcacuguagcuc
miR-30d-5p	human	MIMAT0000245	uguaaacaucccccacuggaag
miR-139-5p	human	MIMAT0000250	ucuacagugcacgugucuccagu
miR-126-5p	human	MIMAT0000444	cauuuauacuuuugguacgcg
miR-338-3p	human	MIMAT0000763	uccagcaucagugauuuuguug