

Figure S1

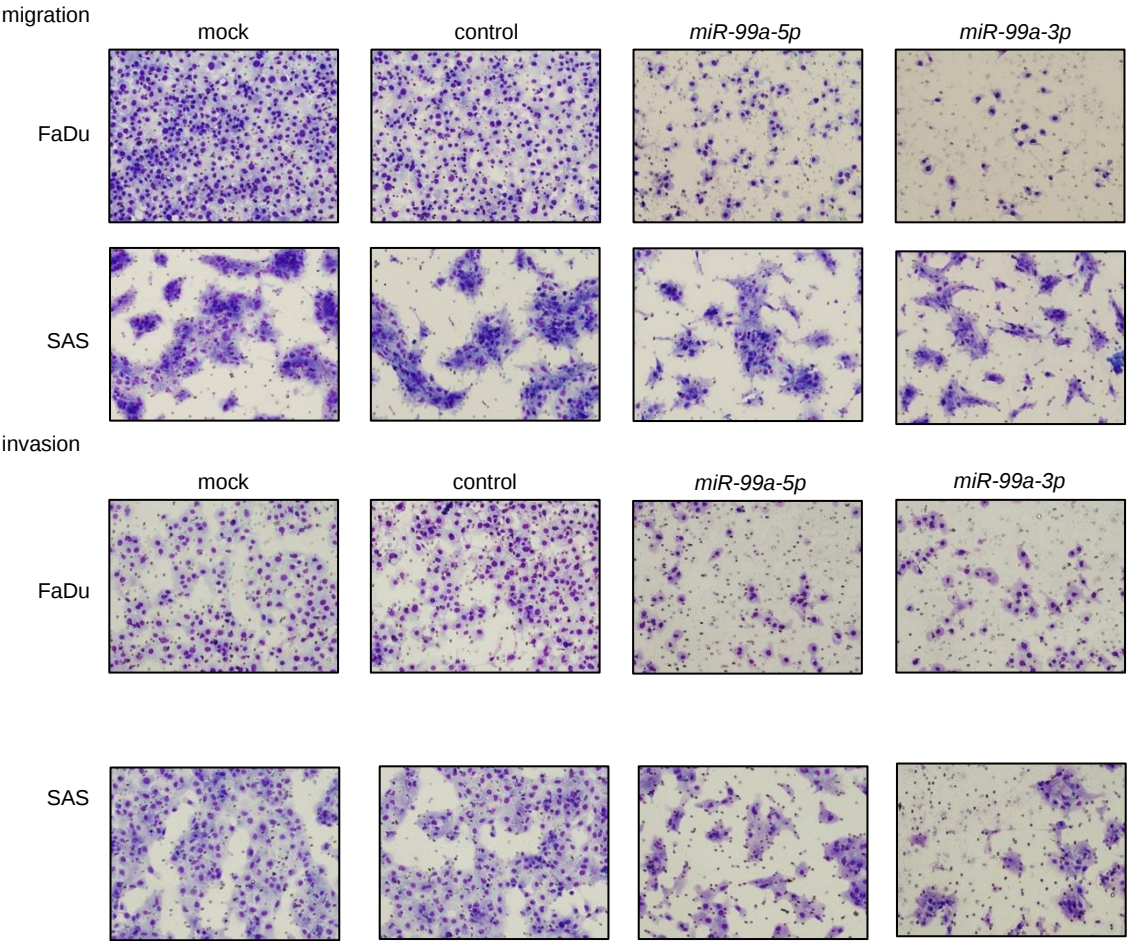


Figure S1

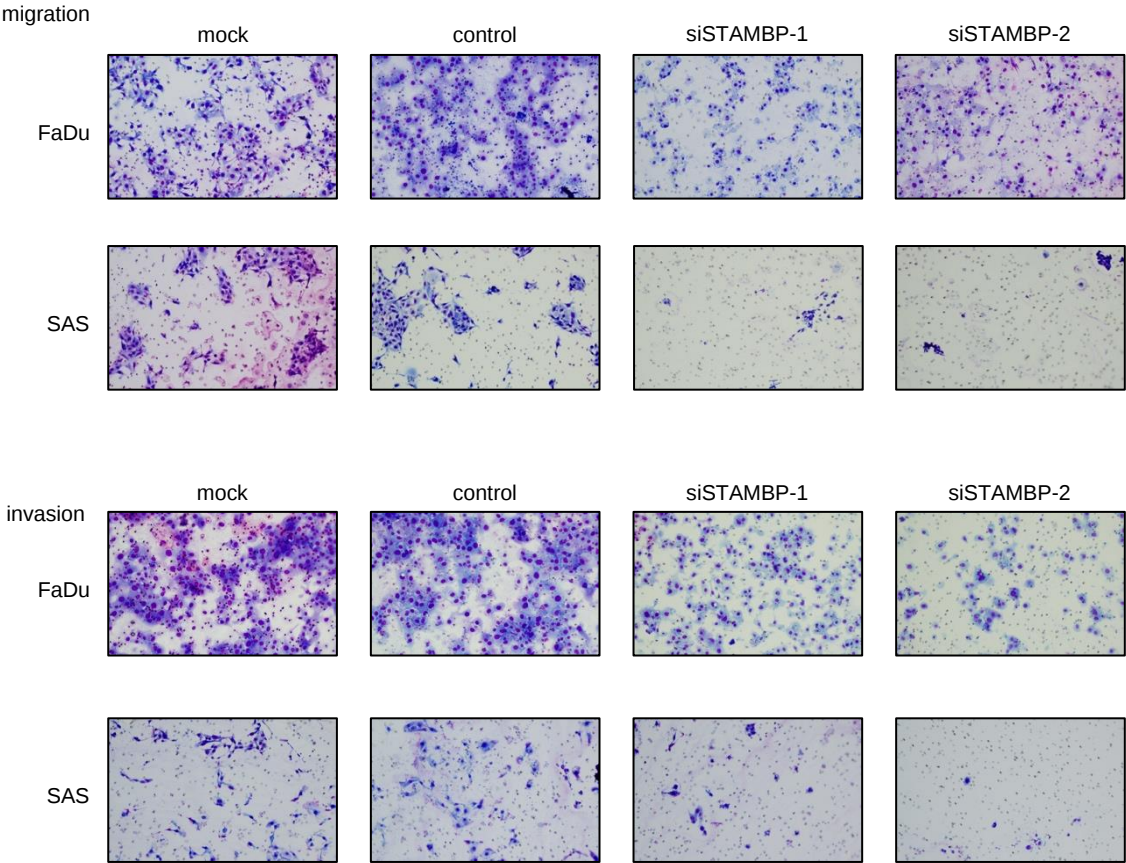


Figure S2

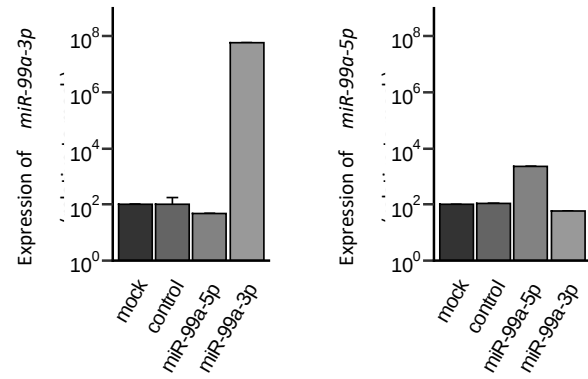


Figure S3

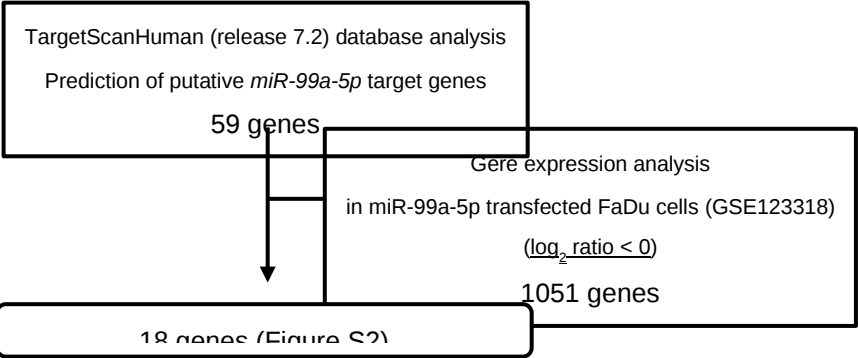
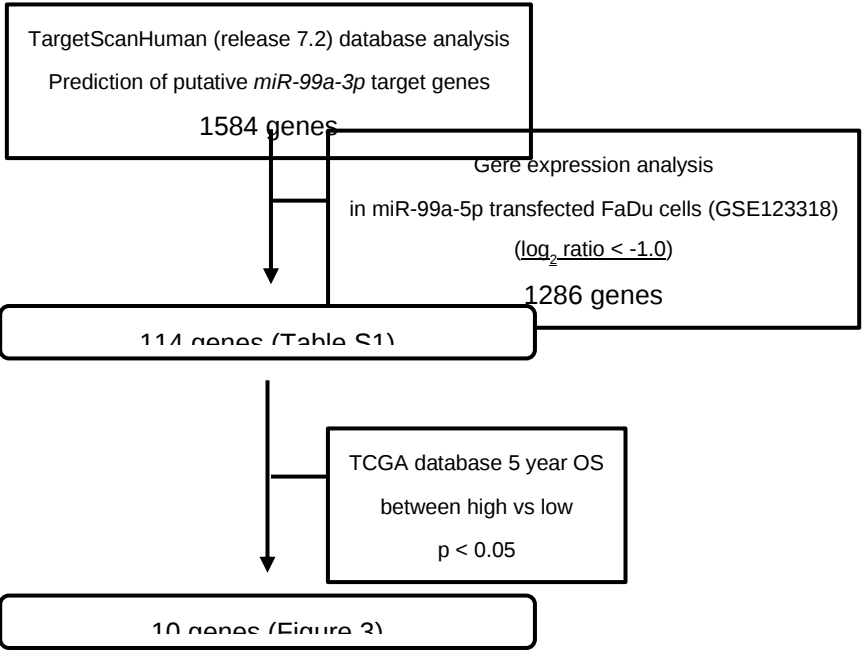


Figure S4

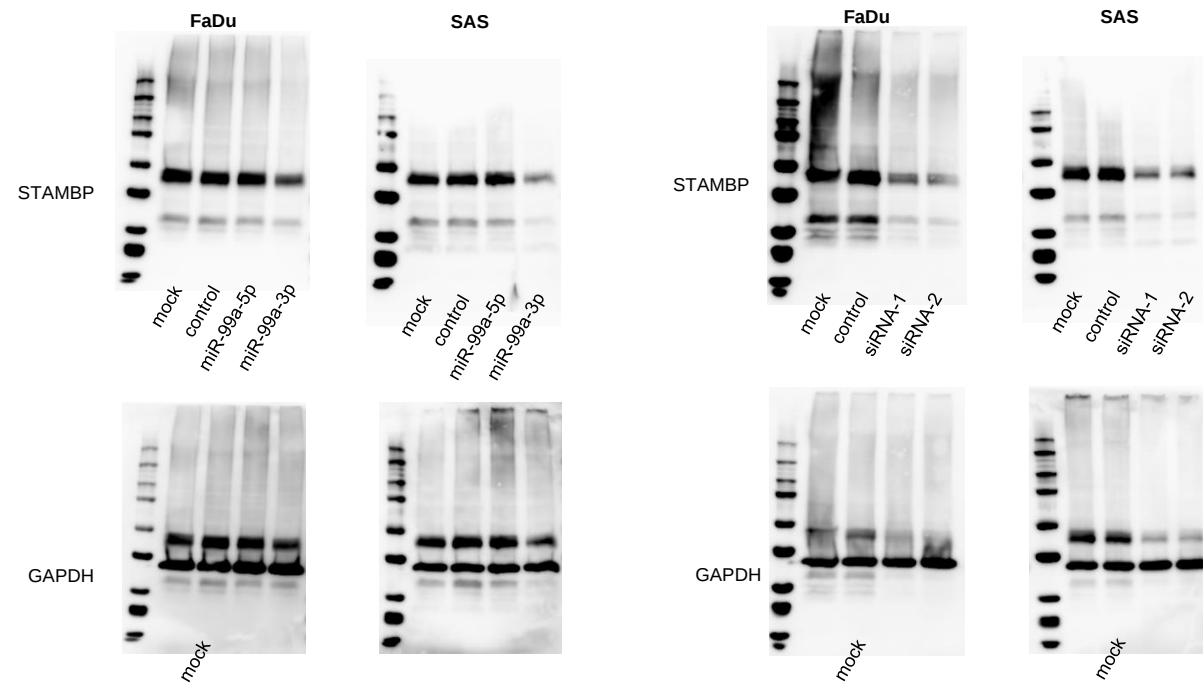


Figure S5

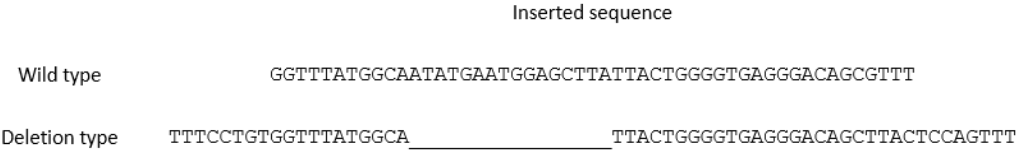


Table 1. Candidate target genes regulated by *miR-99a-5p*.

Entrez Gene ID	GeneSymbol	GeneName	Total sites	GSE6631 FC (log2)	FaDu miR-99a-5p transfectant FC (log2)	TCGA OncoLnc 5-years OS p-value
23135	<i>KDM6B</i>	lysine (K)-specific demethylase 6B	1	- 0.17771327	-0.594301	0.0720
2117	<i>ETV3</i>	ets variant 3	1	- 0.01524691	-0.309083	0.1060
6304	<i>SATB1</i>	SATB homeobox 1	1	- 0.4243871	-0.108264	0.1222
29841	<i>GRHL1</i>	grainyhead-like 1 (Drosophila)	1	#N/A	-0.153416	0.1238
64793	<i>CEP85</i>	centrosomal protein 85kDa	1	#N/A	-0.248518	0.1471
4154	<i>MBNL1</i>	muscleblind-like splicing regulator 1	1	- 0.08976501	-0.101107	0.1513
11176	<i>BAZ2A</i>	bromodomain adjacent to zinc finger domain, 2A	2	- 0.10055287	-0.418264	0.2698
27090	<i>ST6GALNAC4</i>	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4	1	0.12752819	-0.405108	0.2777
8467	<i>SMARCA5</i>	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	1	0.0081548	-0.135667	0.7293
2475	<i>MTOR</i>	mechanistic target of rapamycin (serine/threonine kinase)	1	- 0.03060691	-0.171068	0.7568
65084	<i>TMEM135</i>	transmembrane protein 135	1	0.23401306	-0.11437	0.7593

8897	<i>MTMR3</i>	myotubularin related protein 3	1	- 0.2811756 3	-0.120421	0.7647
6602	<i>SMARCD1</i>	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1	1	0.1141998	-0.256544	0.7737
2289	<i>FKBP5</i>	FK506 binding protein 5	1	0.0416141	-0.257657	0.8489
23140	<i>ZZEF1</i>	zinc finger, ZZ-type with EF-hand domain 1	1	- 0.1139353 8	-0.22949	0.078*
51029	<i>DESI2</i>	desumoylating isopeptidase 2	1	0.3289952 5	-0.171493	0.0289*
10482	<i>NXF1</i>	nuclear RNA export factor 1	1	- 0.1499855 5	-0.273346	0.0126*
23507	<i>LRRC8B</i>	leucine rich repeat containing 8 family, member B	1	- 0.0565007 9	-0.327775	0.0101*
*poor prognosis in patients with low gene expression						

Table 2. Reagents used in this study.

TaqMan primers and probes	Assay ID	Company	
<i>hsa-miR-99a-5p</i>	000435	Applied Biosystems, Waltham, Massachusetts, USA	
<i>hsa-miR-99a-3p</i>	002141	Applied Biosystems, Waltham, Massachusetts, USA	
<i>RNU48</i>	001006	Applied Biosystems, Waltham, Massachusetts, USA	
<i>STAMBP</i>	Hs00197726_m1	Applied Biosystems, Waltham, Massachusetts, USA	
<i>GUSB</i>	Hs99999908_m1	Applied Biosystems, Waltham, Massachusetts, USA	
<i>GAPDH</i>	Hs02786624_g1	Applied Biosystems, Waltham, Massachusetts, USA	
pre-miR miRNA Precursors	Assay ID	Concentration	
<i>miR-99a-5p</i>	PM10719	10nM	Thermo Fisher Scientific, Waltham, Massachusetts, USA
<i>miR-99a-3p</i>	PM12983	10nM	Thermo Fisher Scientific, Waltham, Massachusetts, USA
negative control miRNA #2	AM17111	10nM	Thermo Fisher Scientific, Waltham, Massachusetts, USA
Stealth RNAi siRNA	Assay ID	Concentration	
STAMBP	HSS116365	10nM	Invitrogen, Waltham, MA, USA
	HSS116367		
antibody	catalog number	dilution	
Anti-STAMBP	HPA035800	WB 1:750	Sigma-Aldrich, St. Louis, Missouri, USA
		IHC 1:500	
GAPDH	ab8245	WB 1:10000	Abcam, Cambridge, UK