Supplementary Table 1: Summary of proof-of-concept studies for miRNA-based therapeutics.

miRNA	**Study model**	**Key finding**	**Reference**
miRNA-195-5p	*In vivo* xenograft	Suppression of tumour cell proliferation, migration, and invasion	44
miRNA-182	*In vivo* animal model	Inhibition of pulmonary metastasis	71
miRNA-135a-5p	*In vivo* animal model	Restricted cell growth via induction of G1/S arrest and caspase 3/7 activity	69
miRNA-335	*In vitro* cell models	Enhanced sensitivity to 5-fluorouracil	66
miRNA-26a	*In vitro* cell models	Induction of G1/S cell cycle arrest	68

GBC: gallbladder carcinoma; miRNA: microRNA.