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(54) Title: TARGETED INHIBITION USING ENGINEERED OLIGONUCLEOTIDES

Sequence (5' -> 3')		
SEQ ID NO: 1	miR-30a-5p	UGUAAACAUCU- CGACUGGAAG
SEQ ID NO: 2	miR-30b-5p	UGUAAACAUCU- ACACUC- AGCU
SEQ ID NO: 3	miR-30c-5p	UGUAAACAUCU- ACACUCUCAGC
SEQ ID NO: 4	miR-30d-5p	UGUAAACAUCU- CGACUGGAAG
SEQ ID NO: 5	miR-30e-5p	UGUAAACAUCU- GACUGGAAG
SEQ ID NO: 39	G007-30	UGUAAACAUCU- CGACUGGAAG
SEQ ID NO: 38	G006-30	UGUAAACAUCU- CGACUGGAA
SEQ ID NO: 40	G061-30	UGUAAACAUCU- CGACUGGAAG
SEQ ID NO: 41	G062-30	UGUAAACAUCU- GACUGGAAG
SEQ ID NO: 42	G063-30	UGUAAACAUCU- GACUGGAAG
SEQ ID NO: 43	G064-30	UGUAAACAUCU- ACACUCUCAGC
SEQ ID NO: 44	G065-30	UGUAAACAUCU- ACACUCUCAG-
SEQ ID NO: 45	G066-30	UGUAAACAUCU- ACACUCUCA-

FIG. 1A

(57) Abstract: Disclosed herein are engineered oligonucleotides for selective inhibition of polypeptide expression and activity. Also disclosed herein are methods of selectively inhibiting polypeptide expression and activity contacting an engineered oligonucleotide with a polynucleotide encoding the polypeptide.