

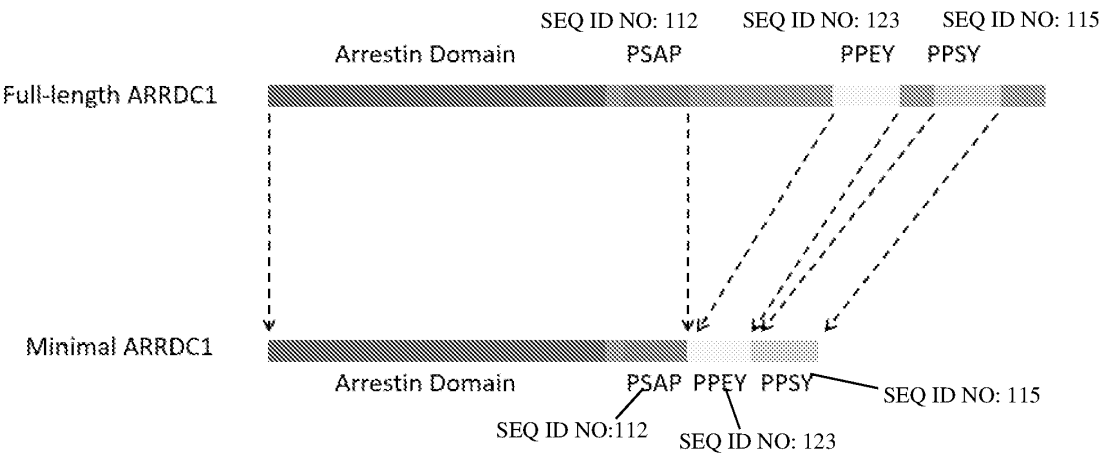


FIG. 1

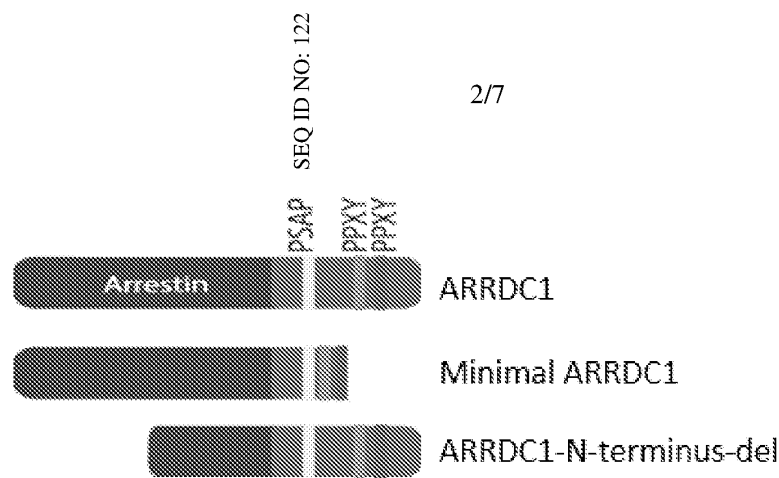


FIG. 2A

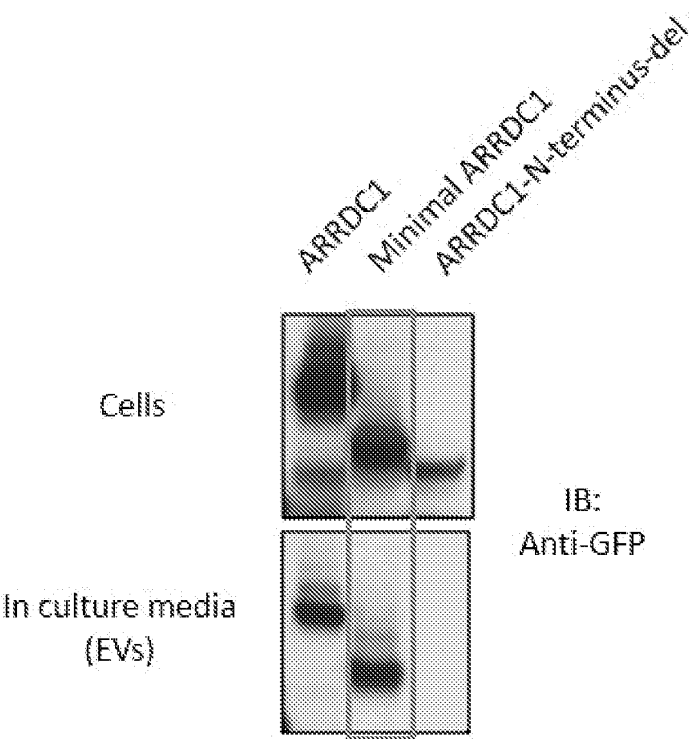
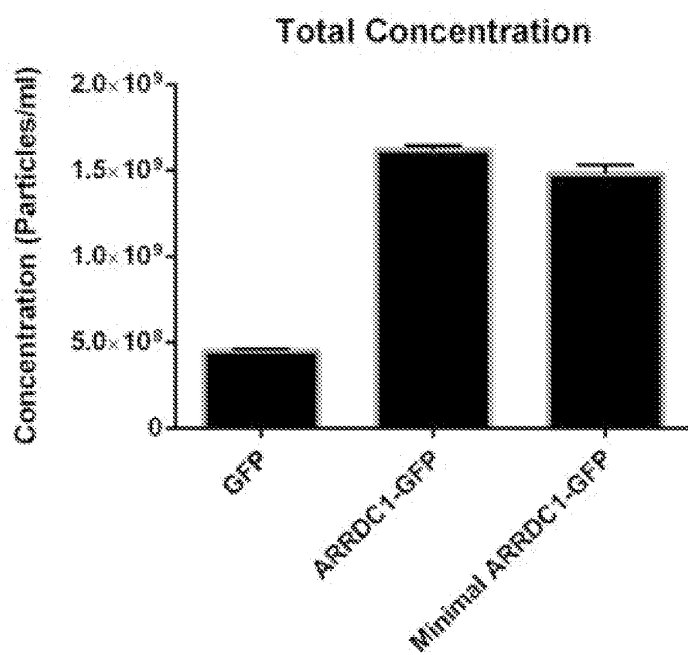
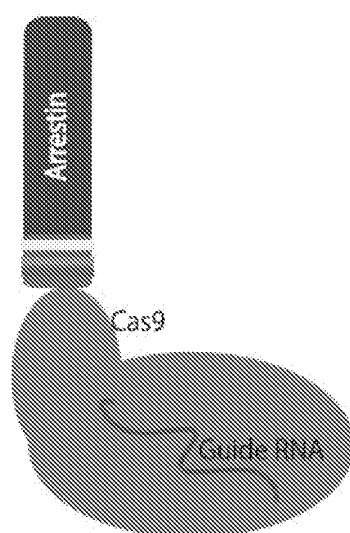
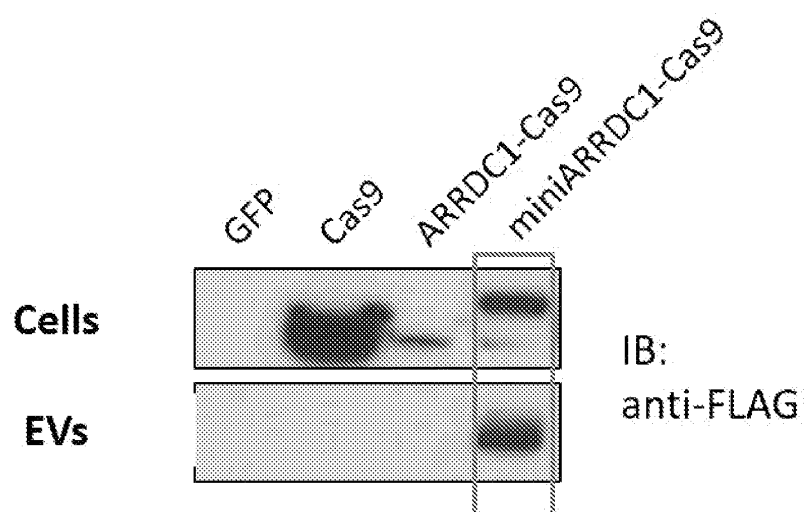


FIG. 2B

3/7

**FIG. 2C**

4/7

**FIG. 3A****FIG. 3B**

5/7

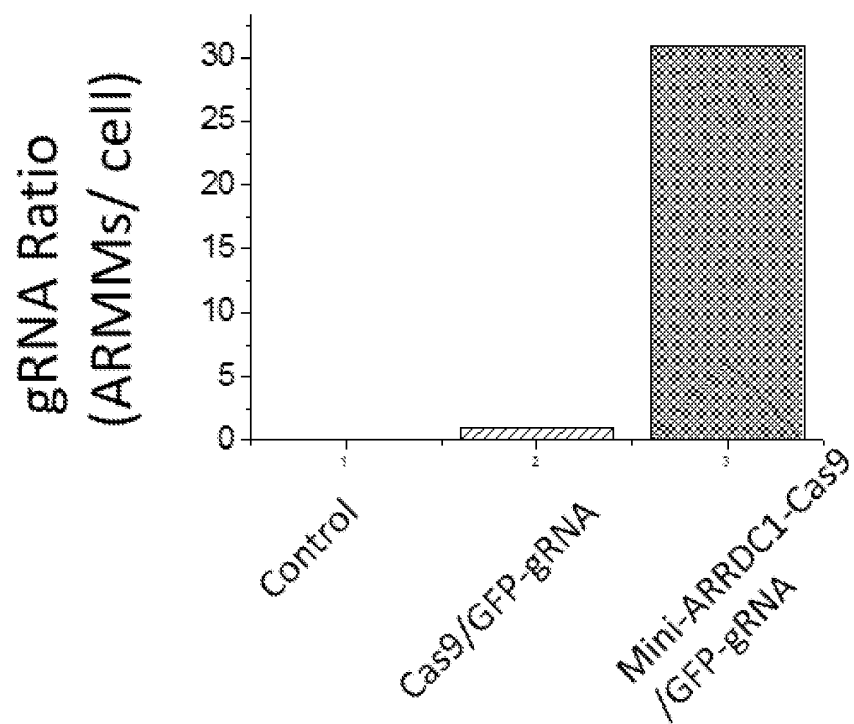
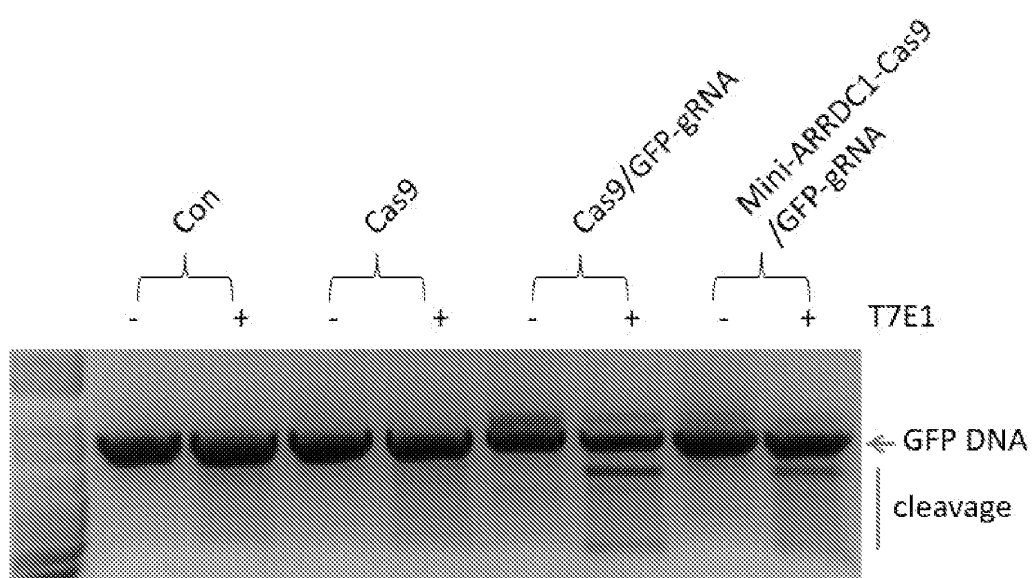


FIG. 3C

6/7

**FIG. 4**

7/7

Sequences of full-length and minimal ARRDC1 proteins

Full length ARRDC1: 433 amino acids (italicized segments are deleted in the shorter ARRDC1)

MGRVQLFEISLSHGGRVVYSPGEPLAGTVRVRLGAPLEFFRAIRVTCIGSCGVSNKANDTAW
 VVEEGYFNSSLGLADKGLPAGEHSGFFQFLLPATAPTSFEGPFGKIIVBQVRAAIHTPRF
 SKDHKCSLVFYILSPLNLNSIPDIEQPNVASATKKFSYELVETGSSVLTASTDLRGYVVG
 QALQLHADVENQSGEDTSPVVASLLQKVSYKAKRWIHDVRTIAEVEGAGVKAWBRAQWHE
 QILVPALPQSALPGCSLIHIDYYLQVSLKAPEATVTLFVFIGNIAVNHAPVSPRPGLGLP
 PGAPPLVVPSAPPQEEAAEAAAAGGPHFLDPVFLSTKSHSQRQPLLATLSSVPGAPEPCP
 QDGSPASHPLHPPLCISTGATVPYFAEGSGGPVPTTSLILPPEYSSWGYYFEAPPSEYEQ
 SCGGVEPSLTPES SEQ ID NO: 116

Minimal ARRDC1: 330 amino acids

MGRVQLFEISLSHGGRVVYSPGEPLAGTVRVRLGAPLEFFRAIRVTCIGSCGVSNKANDTAW
 VVEEGYFNSSLGLADKGLPAGEHSGFFQFLLPATAPTSFEGPFGKIIVBQVRAAIHTPRF
 SKDHKCSLVFYILSPLNLNSIPDIEQPNVASATKKFSYELVETGSSVLTASTDLRGYVVG
 QALQLHADVENQSGKDTSPVVASLLQKVSYKAKRWIHDVRTIAEVEGAGVKAWBRAQWHE
 QILVPALPQSALPGCSLIHIDYYLQVSLKAPEATVTLFVFIGNIAVNHAPVSPRPGLGLP
 PGAPPLVVPSAPPQEEAEPPEYFEAPPSEY SEQ ID NO: 1

FIG. 5