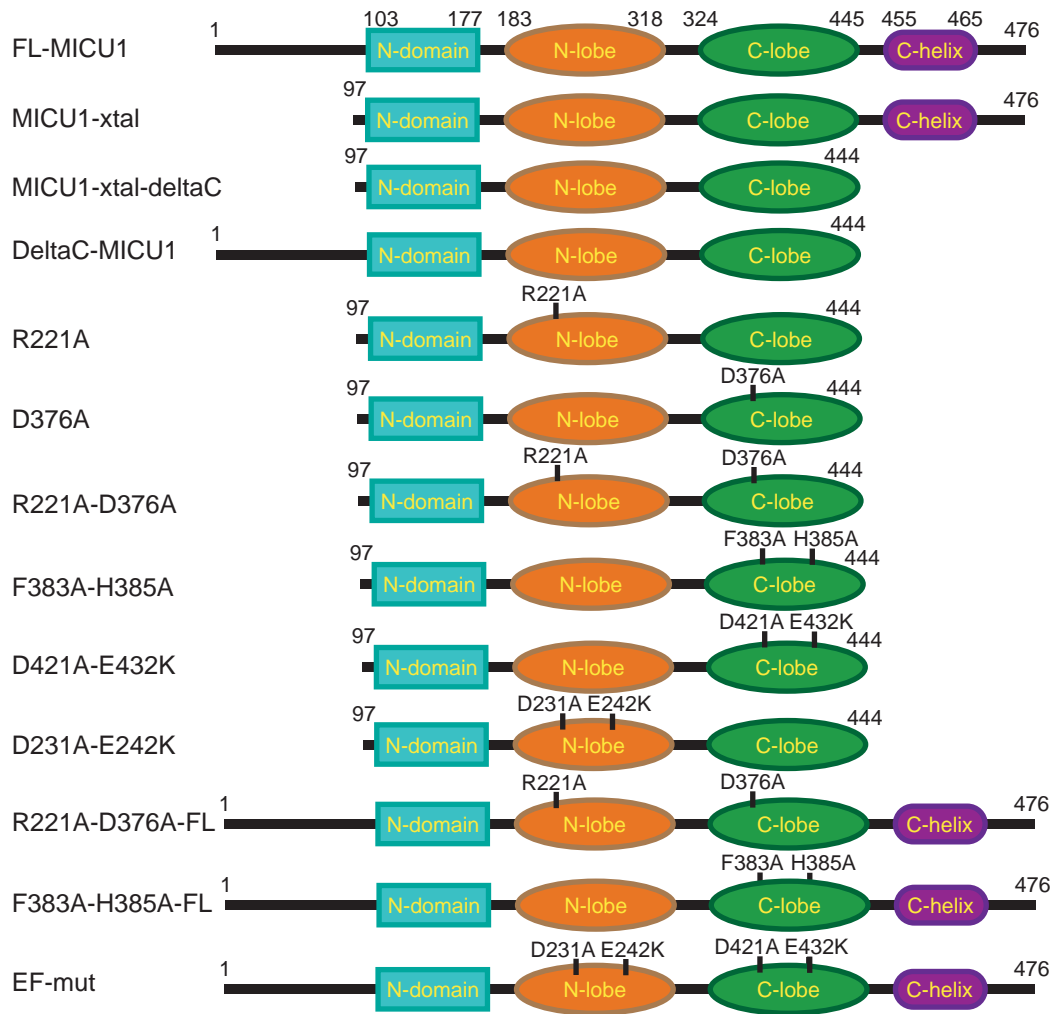


Supplemental Figure 2

A



B

	1	3	5	7	9	12								
	X	Y	Z	-Y	-X	-Z								
EF1	231	D	L	N	G	D	G	E	V	D	M	E	E	242
EF4	421	D	C	D	G	N	G	E	L	S	N	K	E	432

Construction of human MICU1 mutants. (A) A schematic diagram of the different MICU1 wild type and mutants used in this study. (B) The sequences of the two canonical EF-binding sites of MICU1 are shown. The conventional positions of the EF hand are shown above the sequences.