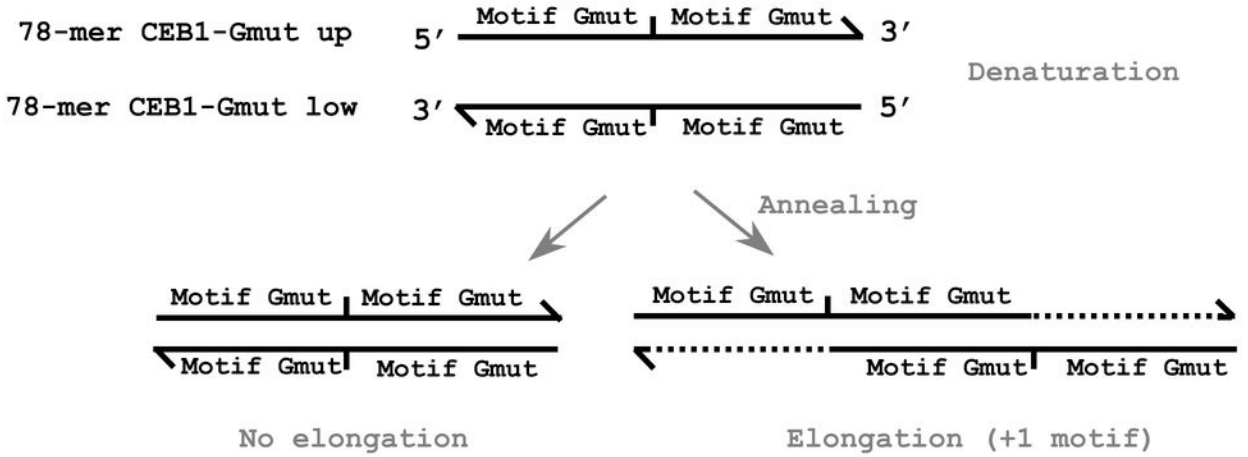


Figure S3

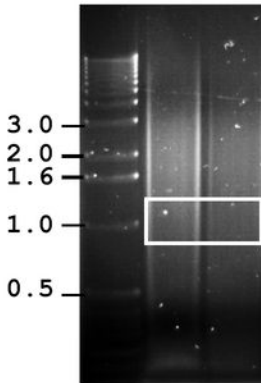
A

Motif CEB1-WT 5' **GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA** 3'
 Motif CEB1-Gmut 5' **GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCCTGCGCTGA** 3'

B



C



D

Synthetic CEB1-WT-1.0

Motif CEB1-WT:

5' GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA 3'

GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	1
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	2
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	3
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	4
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	5
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCGGGCTGA	6
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	7
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	8
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	9
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	10
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	11
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	12
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	13
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	14
GGGGGGAGGGAGGGTGGCCTGCGGA---TCCCTGGGCTGA	15
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	16
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	17
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCC---TGGGCTGA	18
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	19
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	20
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	21
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	22
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	23
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	24
GGGGGGAGGGAGGGTGGCCTGCGGAGGTCCCTGGGCTGA	25
GGGGGGAGGGAGGGTGGCCTGC	26

Figure S3

E Synthetic CEB1-Gmut-1.7

Motif CEB1-Gmut:

5' GCGCGGAGTGAGGTGGCCTGCGGAGGTCCTGCGTGA 3'

GCGC-----GTGGCCTGCGGAGGTCCTGCGTGA	1
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	2
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	3
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	4
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	5
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	6
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	7
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	8
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	9
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	10
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	11
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	12
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	13
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	14
GCGCGGAGTGAGAGTGG---GCGGAG---CCCTGCGTGA	15
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	16
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	17
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	18
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	19
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	20
GCGCAGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	21
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	22
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	23
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GCGCGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	25
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	26
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	27
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	28
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	29
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	30
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	31
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	32
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	33
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	34
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	35
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	36
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	37
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	38
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	39
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	40
GCGCGGAGTGAGAGTGGCCTG-----CCCTGCGTGA	41
GCGCGGAGTGAGAGTGGCCTGCGGAGGTCCTGCGTGA	42