

Supplementary table S1 Primers used for minigene analysis

primer	sequence
Clcn1-Fw	GGATCCGGTCCCTTTGTTACATCGCCAGC
Clcn1-Rv	GTCGACCTCCAAGTGGTGTCCAAAACAGC
Clcn1-40Fw	TCAGCAAGTTTATGTCCATG
CLC-1-Fw	GGATCCGGCCCCTTCGTCCACATTGCCAGC
CLC-1-Rv	GTCGACCTCCAAGTGGTGTCCAAAACAAC
BamHI-Tpm2-ex1-Fw	AAAGGATCCATGGACGCCATCAAGAAGAAG
XhoI-Tpm2-ex2-Rv	AAACTCGAGGTCGGTGGCCTTCTTCTCAGC
BglII-Tpm2-int1-Rv	AAAAGATCTGTAATGACTGGAGTGGTAACT
Sall-Tpm2-int1-Fw	AAAAAAGTCGACAAAGCTGCAATGGGTCCTAGC
FITC-GFP-Fw	(FITC)-CATGGTCCTGCTGGAGTTCGTG
Tpm2-ex2-splicing-Rv2	GGAGGGCCTGCTGCTCTTC
NheI-RFP-Fw	TATGCTAGCGCCACCATGGCCTCCTCCGAGGACGTCATC
BglII-RFP-Rv	TATAGATCTGGCGCCGGTGGAGTGGCGGCC
BglII-DMPK-ex15-Fw	AAAAGATCTATGGCCCCCGGCCGTGGCT
XhoI-DMPK-3UTR-Rv	AAACTCGAGAGCTTTGGGCAGATGGAGGG
DMPK3UTR-Sall-Fw	GCCGGGAATGGTCGACGGGGGATCACAGACCATTT
DMPK3UTR-Sall-Rv	GTGATCCCCCGTCGACCATTCCCGGCTACAAGGAC
Actn1-Fw	GGATCCCACATCCGTGTGGGCTGGGAGCAG
Actn1-Rv	GTCGACCTTATCTCCAGCCAGGATCTTGAA

**Supplementary
Table S2**

Oligonucleotide sequences used for miRNA-based RNAi vectors

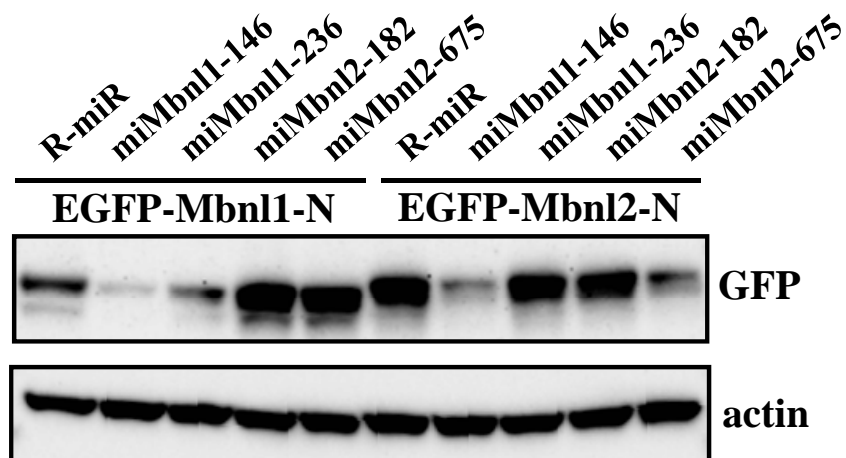
Oligonucleotide	Sequence
miMBNL1-150Fw miMBNL1-150Rv	TGCTGAATGAATCAAAGCAGGCGATTGTTTTGGCCACTGACTGACAATCGCCTTTTGATTCATT CCTGAATGAATCAAAGGCGATTGTCAGTCAGTGGCCAAAACAATCGCCTGCTTTGATTCATTC
miMBNL1-236Fw miMBNL1-236Rv	TGCTGTATTGCGTCCATTTATCTCCAGTTTTGGCCACTGACTGACTGGAGATATGGACGCAATA CCTGTATTGCGTCCATATCTCCAGTCAGTCAGTGGCCAAAACCTGGAGATAAATGGACGCAATAC
miMBNL2-48Fw miMBNL2-48Rv	TGCTGTGAAACTGTCTGCAGACTTCTGTTTTGGCCACTGACTGACAGAAGTCTAGACAGTTTCA CCTGTGAAACTGTCTAGACTTCTGTCTAGTCAGTGGCCAAAACAGAAGTCTGCAGACAGTTTCAC
miMBNL2-675Fw miMBNL2-675Rv	TGCTGTTGCATTTCTCCCTCATGCAAGTTTTGGCCACTGACTGACTTGCATGAGAGAAATGCAA CCTGTTGCATTTCTCTCATGCAAGTCAGTCAGTGGCCAAAACCTTGCATGAGGGAGAAATGCAAC
miLuc-200Fw miLuc-200Rv	TGCTGTATTCAGCCCATATCGTTTCAGTTTTGGCCACTGACTGACTGAAACGATGGGCTGAATA CCTGTATTCAGCCCATCGTTTCAGTCAGTCAGTGGCCAAAACCTGAAACGATATGGGCTGAATAC
miLacZ-309Fw miLacZ-309Rv	TGCTGACAAACGGCGGATTGACCGTAGTTTTGGCCACTGACTGACTACGGTCACCGCCGTTTGT CCTGACAAACGGCGGTGACCGTAGTCAGTCAGTGGCCAAAACCTACGGTCAATCCGCCGTTTGTCT
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miMbn1-236Fw miMbn1-236Rv	TGCTGTATTCCGCCCATTTATCTCTAGTTTTGGCCACTGACTGACTAGAGATATGGGCGGAATA CCTGTATTCCGCCCATATCTCTAGTCAGTCAGTGGCCAAAACCTAGAGATAAATGGGCGGAATAC
miMbn2-182Fw miMbn2-182Rv	TGCTGATTTGCAGTTCTCTTGAACGTTTTGGCCACTGACTGACGTTCAAGAGAACTGCAAAT CCTGATTTGCAGTTCTCTTGAACGTCAGTCAGTGGCCAAAACGTTCAAGAGAGAACTGCAAATC
miCugbp1-194Fw miCugbp1-194Rv	TGCTGTTTCATAGACAGCACCATACTGTTTTGGCCACTGACTGACAGTATGGTTGTCTATGAAA CCTGTTTCATAGACAACCATACTGTCTAGTCAGTGGCCAAAACAGTATGGTGCTGTCTATGAAAC
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miCelf4-840Fw miCelf4-840Rv	TGCTGATGGGATTCAGGTAGCCTCCTGTTTTGGCCACTGACTGACAGGAGGCTCTGAATCCCAT CCTGATGGGATTCAGAGCCTCCTGTCTAGTCAGTGGCCAAAACAGGAGGCTACCTGAATCCCATC
miCelf4-1304Fw miCelf4-1304Rv	TGCTGAAGGGAGGAACATCTGCATCAGTTTTGGCCACTGACTGACTGATGCAGGTTCCCTCCCTT CCTGAAGGGAGGAACCTGCATCAGTCAGTCAGTGGCCAAAACCTGATGCAGATGTTCCCTCCCTTC

Supplementary Table S3 Primer sequences for quantitative PCR

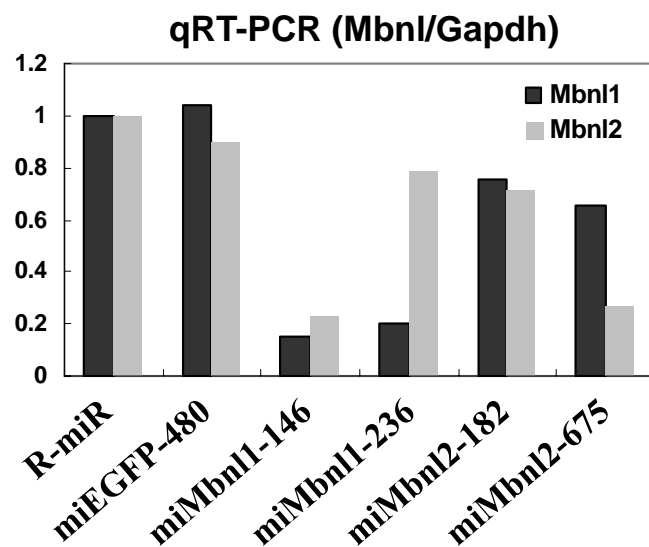
Primer	Sequence
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RT-Mbn2-Rv	CGCCCCTTTATGTAATCCATACA
RT-MBNL1-Fw	TCAGTCAAAGGGCACCATTCT
RT-MBNL1-Rv	TTATCTGTATTGAGAGAGTTTGTGTTGTG
Gapdh-Fw	TGTGTCCGTCGTGGATCTGA
Gapdh-Rv	CCTGCTTCACCACCTTCTTGA
RT-Clcn1-int6-Fw2	TCCCCTCTGTCCAGCTTCTG
RT-Clcn1-int6-Rv2	GCCTGGCTCAGTCACCAAA
RT-Clcn1-int12-MGB-Fw	TTAATGTTGGCAAAGGGATGTC
RT-Clcn1-int12-MGB-Rv	ACACTTCGCACACCGTGAGA
RT-Clcn1-3UTR-MGB-Fw	GCAGGTTCAGTCCCTATCACTCTAA
RT-Clcn1-3UTR-MGB-Rv	GCCAGGATGGTGAACA

Supplementary Figure S1

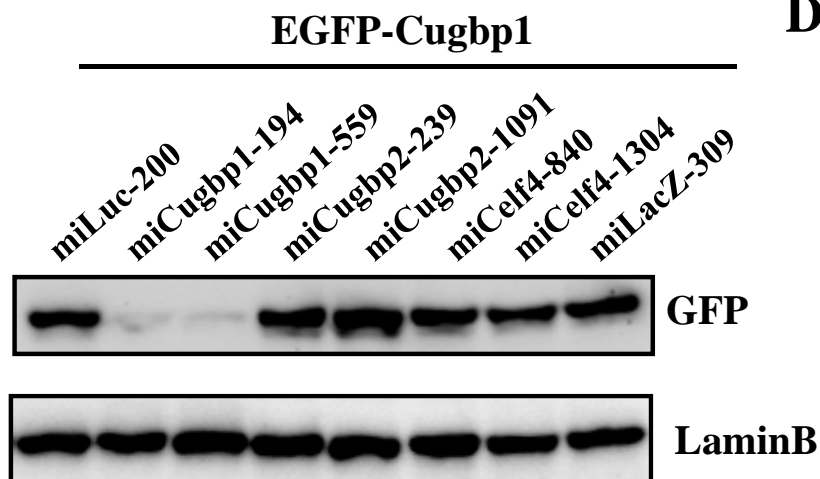
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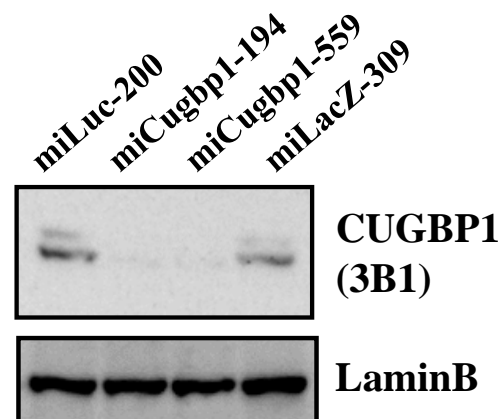
B



C

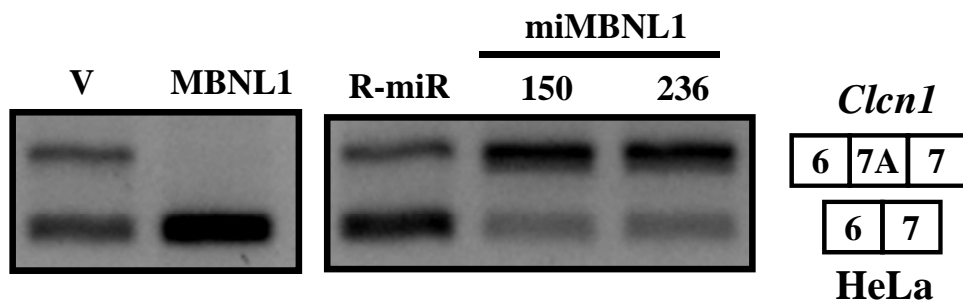


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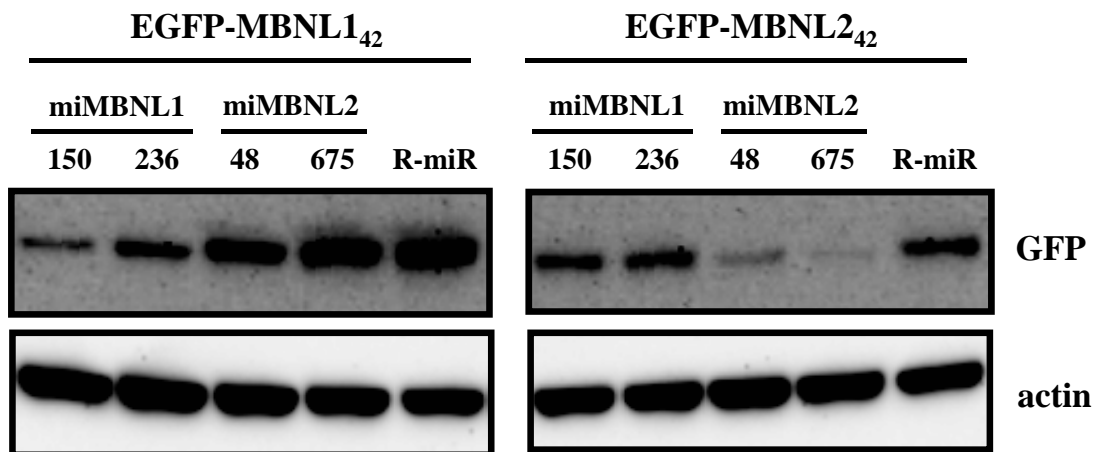


Supplementary Figure S2

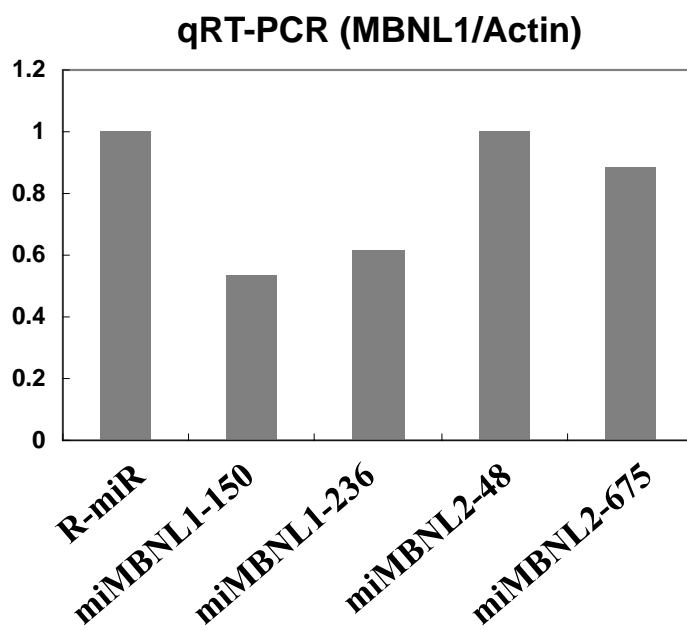
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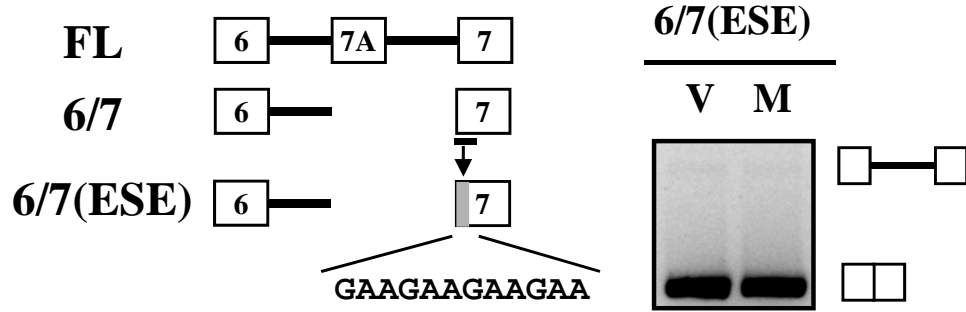
B



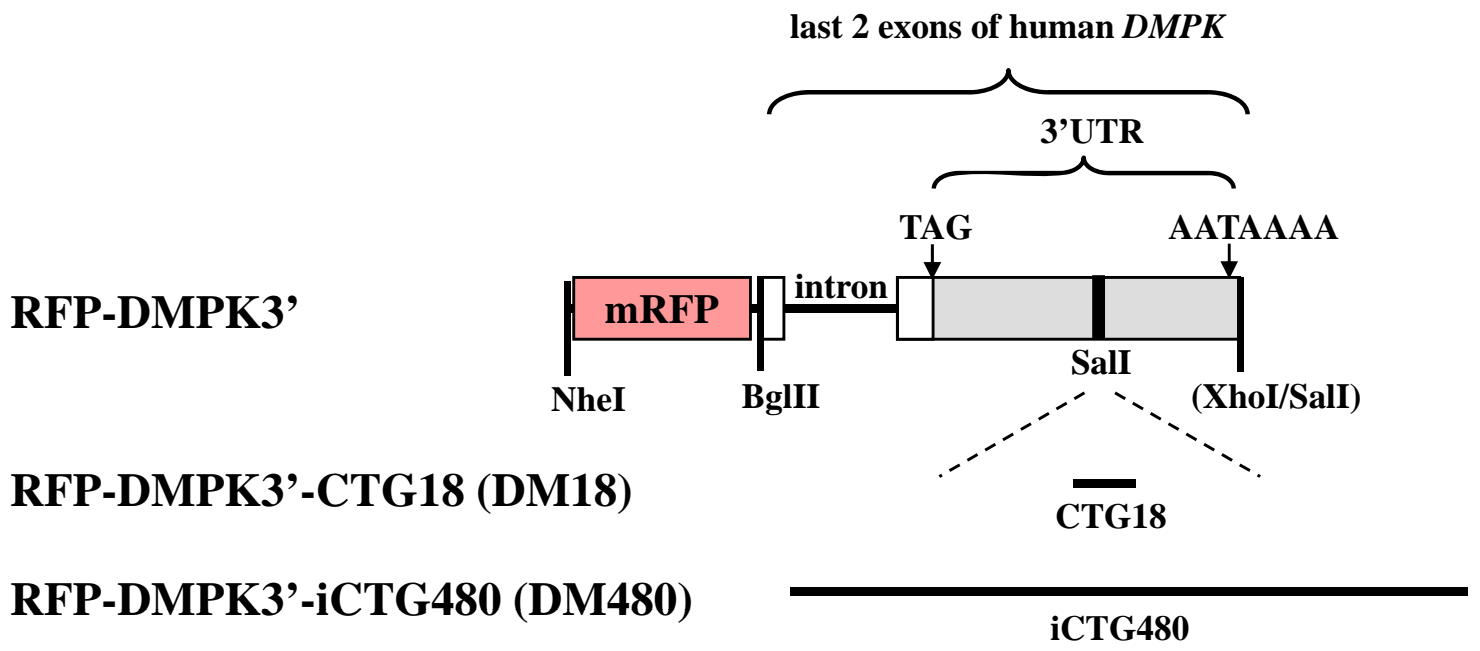
C



Supplementary Figure S3

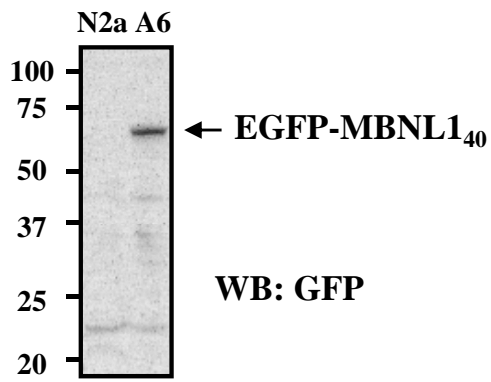


Supplementary Figure S4

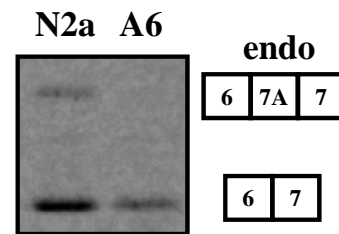


Supplementary Figure S5

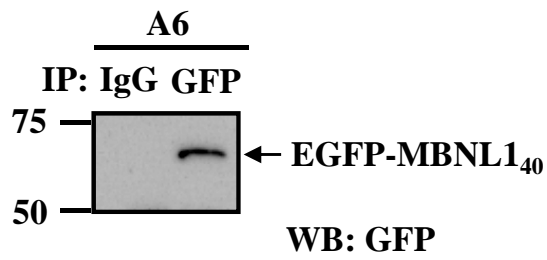
A



B

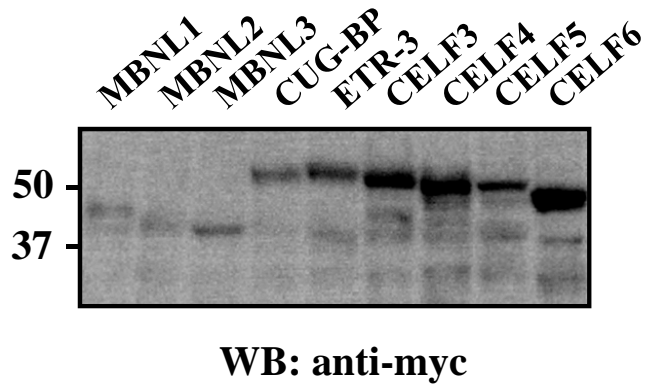


C



Supplementary Figure S6

A



B

