

3'UTR	Primers for amplification	RE binding sites (underlined)
BCL-X_L	for: 5'-cg <u>acgcgt</u> ccagacactgacatc-3' rev: 5'- <u>ccaagctt</u> ctgaactgcactttcac-3'	<i>Mlu</i> <i>HindIII</i>
EGFR	for: 5'-cc <u>actagt</u> gcatgaccacggaggatagt-3' rev : 5'- <u>cacgcgt</u> atcttcattgagacaaaaatcaaat-3'	<i>SpeI</i> <i>Mlu</i>

Mutant name	Primers for miR-491-5p site deletion	matrixes
pMIR-XLDel1/3'UTRLuc	for: 5'-gctagtttctagaattatcctcagttccttggcctc-3' rev: 5'-gaggccaaggaactgaggataaattctagaaaactagc-3'	pMIR-XL/3'UTRLuc
pMIR-XLDel2/3'UTRLuc	for: 5'-agggaaccagggttagaatgatcaattctgaggcc-3' rev: 5'-ggcctcagaattgatcattctaactgggttcct-3'	pMIR-XL/3'UTRLuc
pMIR-XLDel1.2/3'UTRLuc	for: 5'-agggaaccagggttagaatgatcaattctgaggcc-3' rev: 5'-ggcctcagaattgatcattctaactgggttcct-3'	pMIR-XLDel1/3'UTRLuc
pMIR-EGFRDel/3'UTR	for: 5'-gaagaaacggaggggatggaattctagactgactgtt-3' rev: 5'-acaagtcagtctagaattccatcccctccgtttcttc-3'	pMIR-EGFR/3'UTRLuc