|  |  |  |
| --- | --- | --- |
| **Name** | **Sequence (5’-3’)a** | **Application** |
| **290top** | TGCTGCTTTGATTGCTTCGTAAACGCGTTTTGGCCACTGACTGACGCGTTTACAGCAATCAAAG | Cloning of pre-amiR290 |
| **290bot** | CCTGCTTTGATTGCTGTAAACGCGTCAGTCAGTGGCCAAAACGCGTTTACGAAGCAATCAAAGC |
|  |  |  |
| **444top** | TGCTGTATTCTCTGTTCTCCATGAGCGTTTTGGCCACTGACTGACGCTCATGGAACAGAGAATA | Cloning of pre-amiR444 |
| **444bot** | CCTGTATTCTCTGTTCCATGAGCGTCAGTCAGTGGCCAAAACGCTCATGGAGAACAGAGAATAC |
|  |  |  |
| **1055top** | TGCTGATTTAAAGTGGGGCCTGAGAGGTTTTGGCCACTGACTGACCTCTCAGGCCACTTTAAAT | Cloning of pre-amiR1055 |
| **1055bot** | CCTGATTTAAAGTGGCCTGAGAGGTCAGTCAGTGGCCAAAACCTCTCAGGCCCCACTTTAAATC |
|  |  |  |
| **1162top** | TGCTGATAGTCCATGTGGAAGTGTCTGTTTTGGCCACTGACTGACAGACACTTACATGGACTAT | Cloning of pre-amiR1162 |
| **1162bot** | CCTGATAGTCCATGTAAGTGTCTGTCAGTCAGTGGCCAAAACAGACACTTCCACATGGACTATC |
|  |  |  |
| **U6for SpeI** | AACTAGTGAGGGCCTATTTCCCATG | Amplification of U6 promoter |
| **U6rev XhoI** | ACTCGAGAAACAGGTCTTCTCGAAG |
|  |  |  |
| **sh290for** | CACCGCTTTGATTGCTTCGTAAACGCTTCAAGAGAGCGTTTACGAAGCAATCAAAGCTTTTTT | Cloning of psh290 |
| **sh290rev** | AAACAAAAAAGCTTTGATTGCTTCGTAAACGCTCTCTTGAAGCGTTTACGAAGCAATCAAAGC |
|  |  |  |
| **sh444for** | CACCGTATTCTCTGTTCTCCATGAGCTTCAAGAGAGCTCATGGAGAACAGAGAATACTTTTTT | Cloning of psh444 |
| **sh444rev** | AAACAAAAAAGTATTCTCTGTTCTCCATGAGCTCTCTTGAAGCTCATGGAGAACAGAGAATAC |
|  |  |  |
| **sh1055for** | CACCGATTTAAAGTGGGGCCTGAGAGTTCAAGAGACTCTCAGGCCCCACTTTAAATCTTTTTT | Cloning of psh1055 |
| **sh1055rev** | AAACAAAAAAGATTTAAAGTGGGGCCTGAGAGTCTCTTGAACTCTCAGGCCCCACTTTAAATC |
|  |  |  |
| **sh1162for** | CACCGATAGTCCATGTGGAAGTGTCTTTCAAGAGAAGACACTTCCACATGGACTATCTTTTTT | Cloning of psh1162 |
| **sh1162rev** | AAACAAAAAAGATAGTCCATGTGGAAGTGTCTTCTCTTGAAAGACACTTCCACATGGACTATC |
|  |  |  |
| **Shnegfor** | CACCGAAATGTACTGCGCGTGGAGACTTCAAGAGAGTCTCCACGCGCAGTACATTTCTTTTTT | Cloning of pshneg |
| **Shnegfor** | AAACAAAAAAGAAATGTACTGCGCGTGGAGACTCTCTTGAAGTCTCCACGCGCAGTACATTTC |
|  |  |  |
| **EGFPfor KpnI** | GGTACCATGGTGAGCAAGGGCG | Construction of pEGFP.3D |
| **EGFPrev EcoRI** | GAATTCTTACTTGTACAGCTCGTCC |
|  |  |  |
| **3Dfor EcoRI** | GGTACCATGGTGAGCAAGGGCG | Construction of pEGFP.3D |
| **3Drev EcoRI** | GAATTCTTACTTGTACAGCTCGTCC |
|  |  |  |
| **miRNAseq for** | TCCCAAGCTGGCTAGTTAAG | Evaluation of transgenic cell lines |
| **miRNAseq rev** | CTCTAGATCAACCACTTTGT |

a Restriction sites used for cloning are underlined