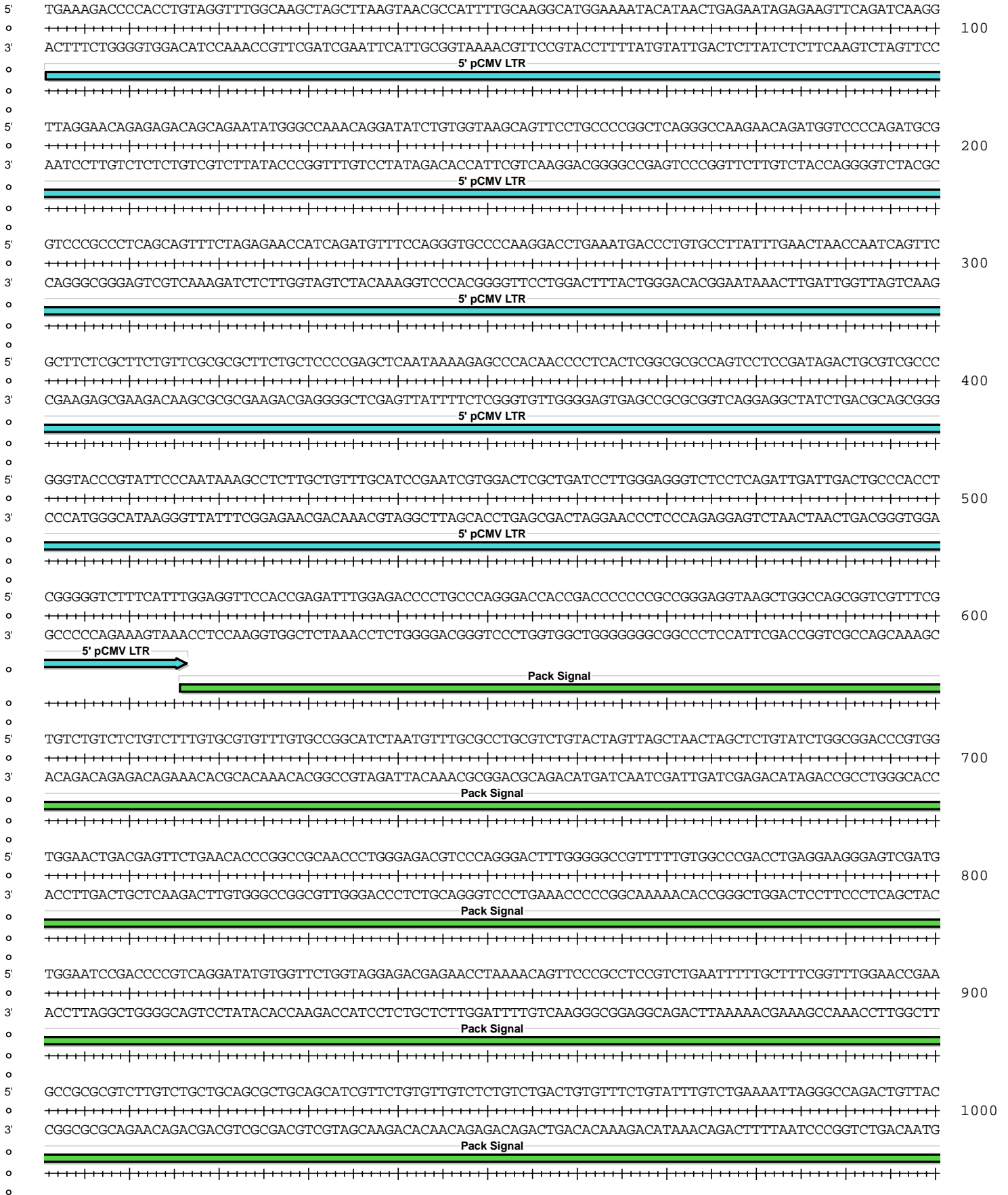


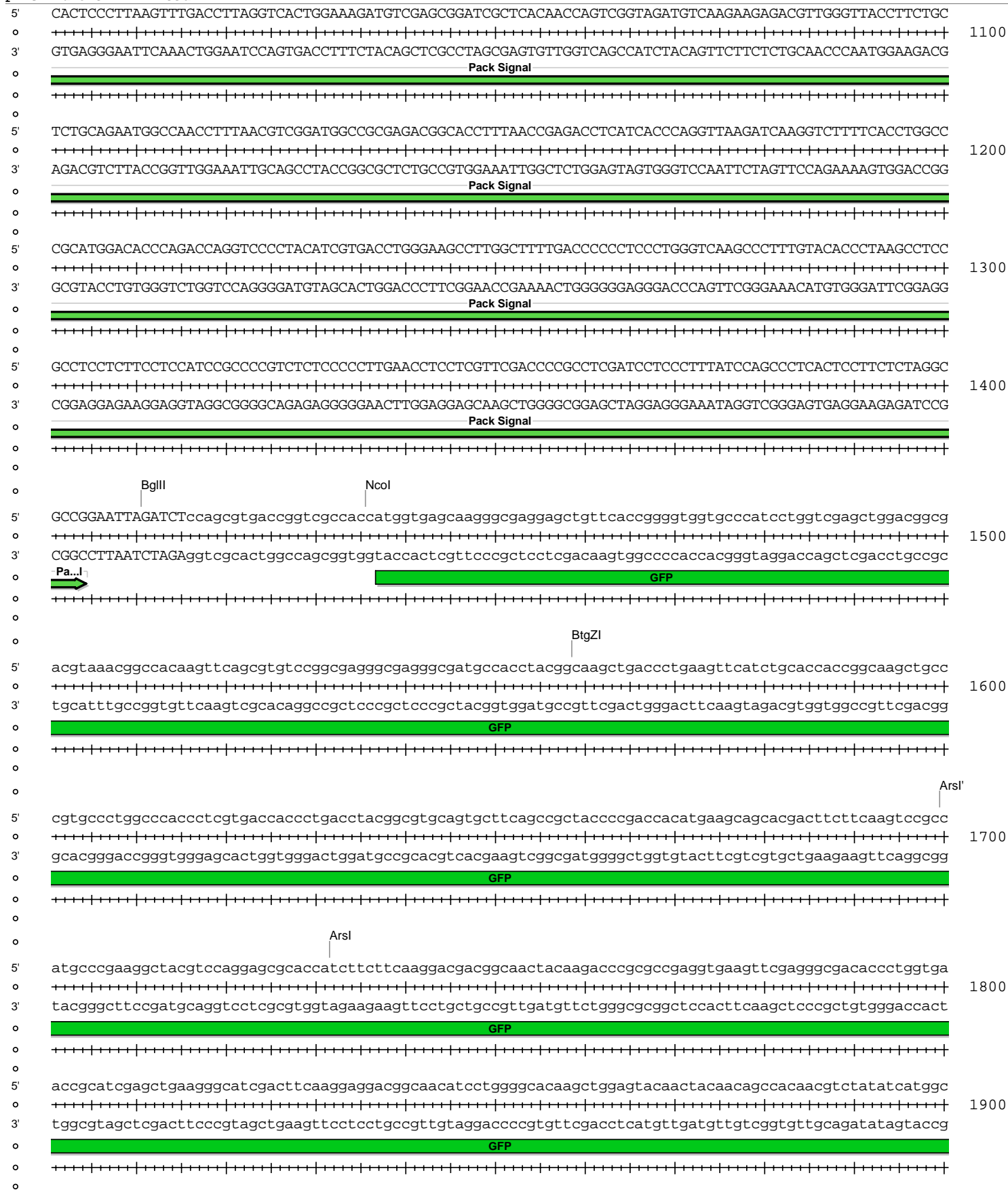
## pMSCV-Puro-GFP miR-199a

Absent Sites	0	AbsI,Accl,AlfI,AlfI',Apal,AsiSI,AvrII,BamHI,BarI,BarI',BbsI,BclI,BpII,BpII',BsaAI,BsaBI,BstBI,BstXI,BstZ17I,CspCI,CspCI',FseI,FspAI,HincII,HpaI,MauBI,MfeI,MluI,MreI,NruI,PacI,PfIMI,PmeI,PmlI,PshAI,Psil,PspOMI,PspXI,Psrl,Psrl',Sall,SanDI,Sbfl,Sfil,SgrDI,SnaBI,SrfI,Swal,XhoI
AarI	1	2380
AfIII	1	4669
AjuI	1	2297
AjuI'	1	2265
Arsl	1	1732
Arsl'	1	1700
BglII	1	1411
BplI	1	2699
BsiWI	1	3002
BsmI	1	2857
BtgZI	1	1559
Clal	1	3600
DraIII	1	3517
EcoRI	1	2416
HindIII	1	2937
NcoI	1	1436
NdeI	1	6733
NotI	1	2158
NsiI	1	3599
PciI	1	4669
RsrII	1	3062
Scal	1	6042
SgrAI	1	7105
XcmI	1	2234

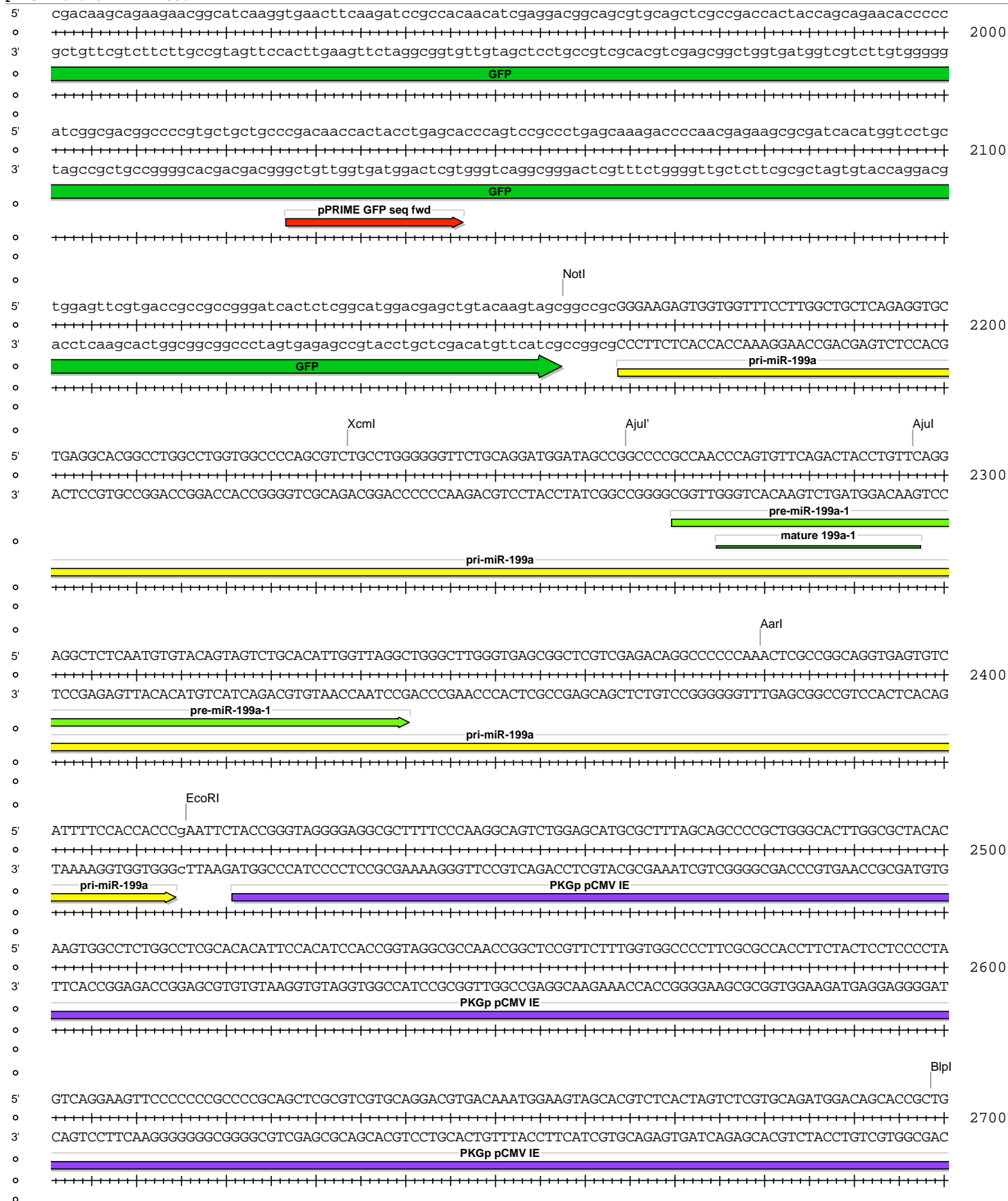
pMSCV-Puro-GFP miR-199a



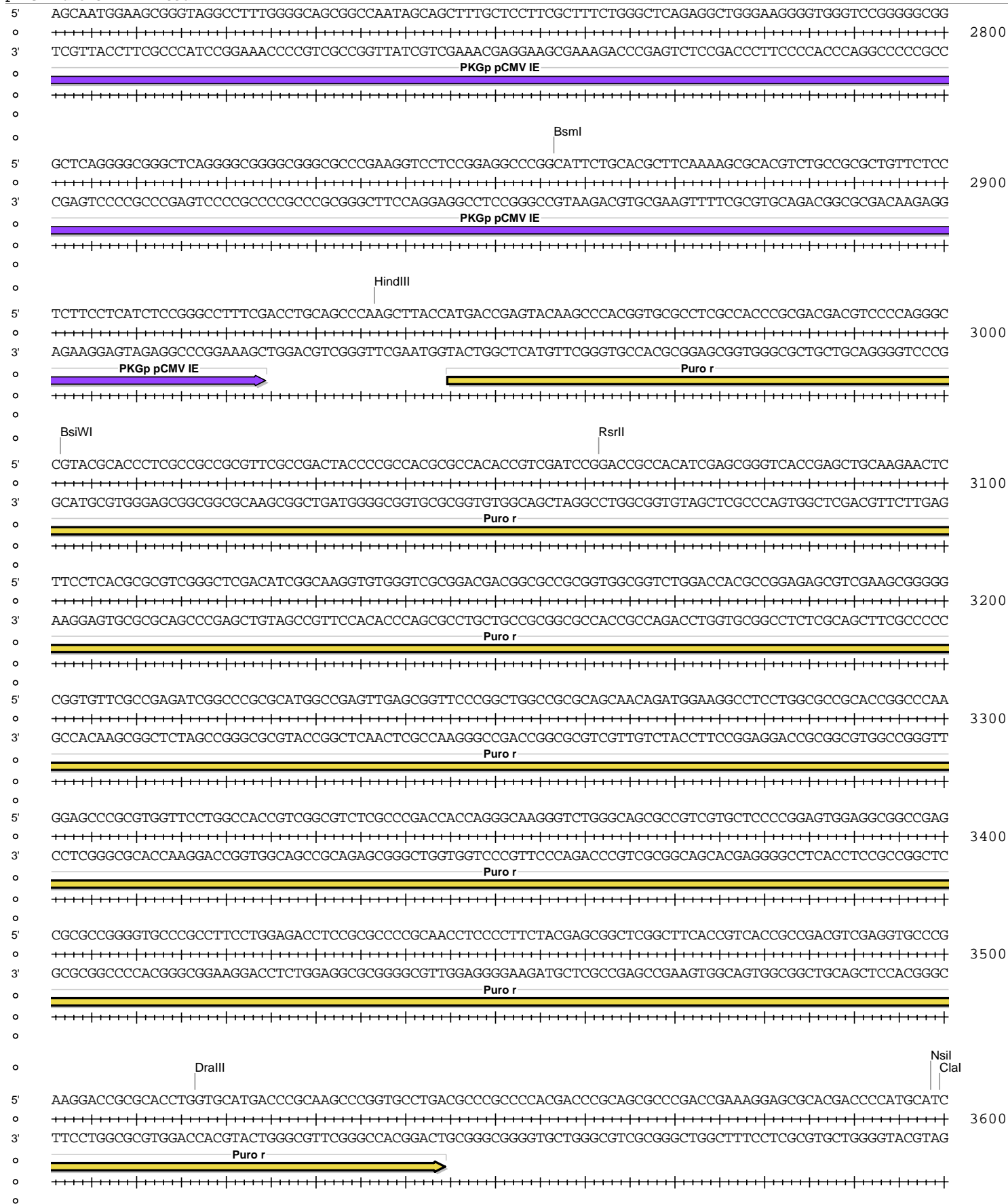
pMSCV-Puro-GFP miR-199a



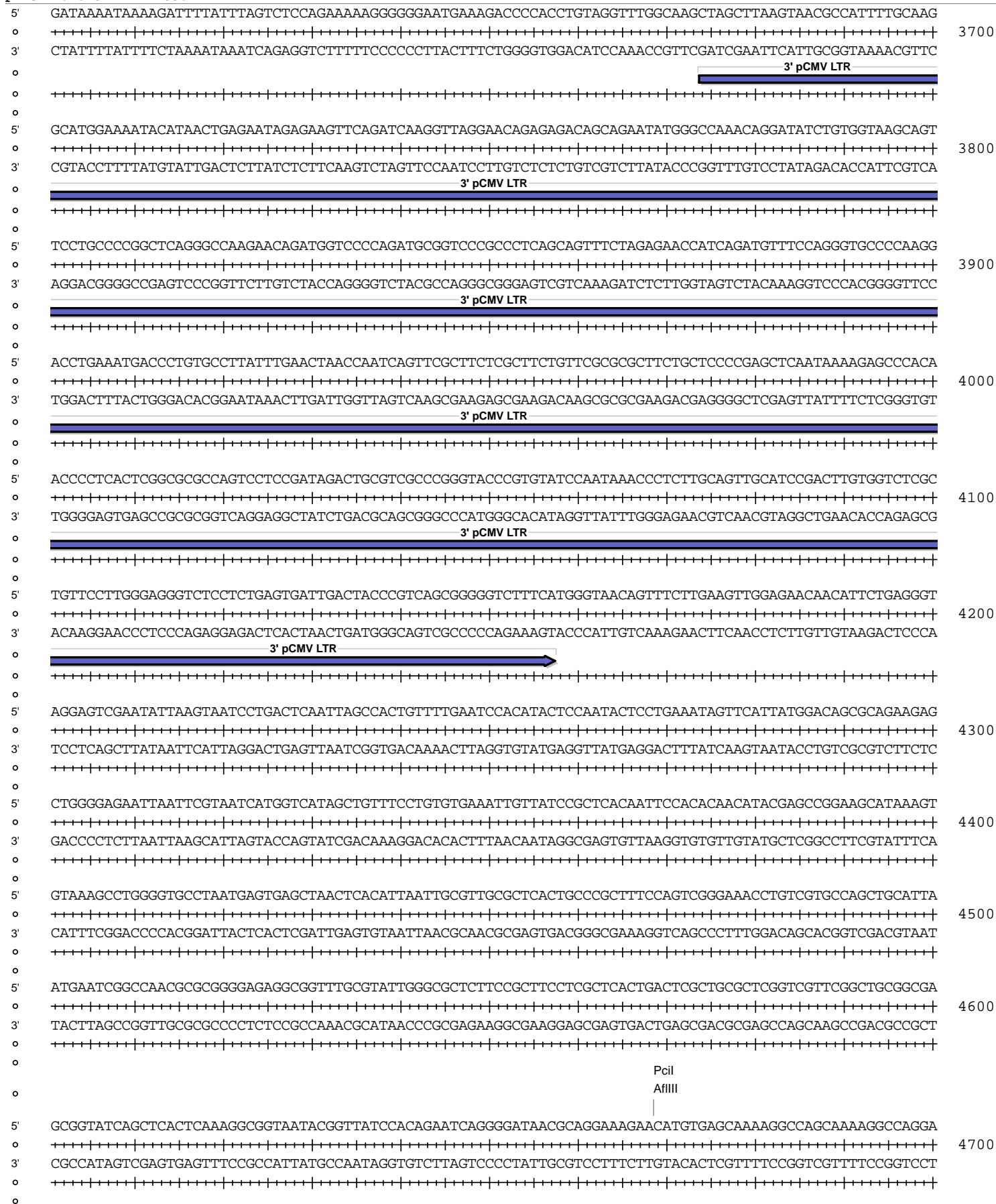
pMSCV-Puro-GFP miR-199a



pMSCV-Puro-GFP miR-199a



pMSCV-Puro-GFP miR-199a

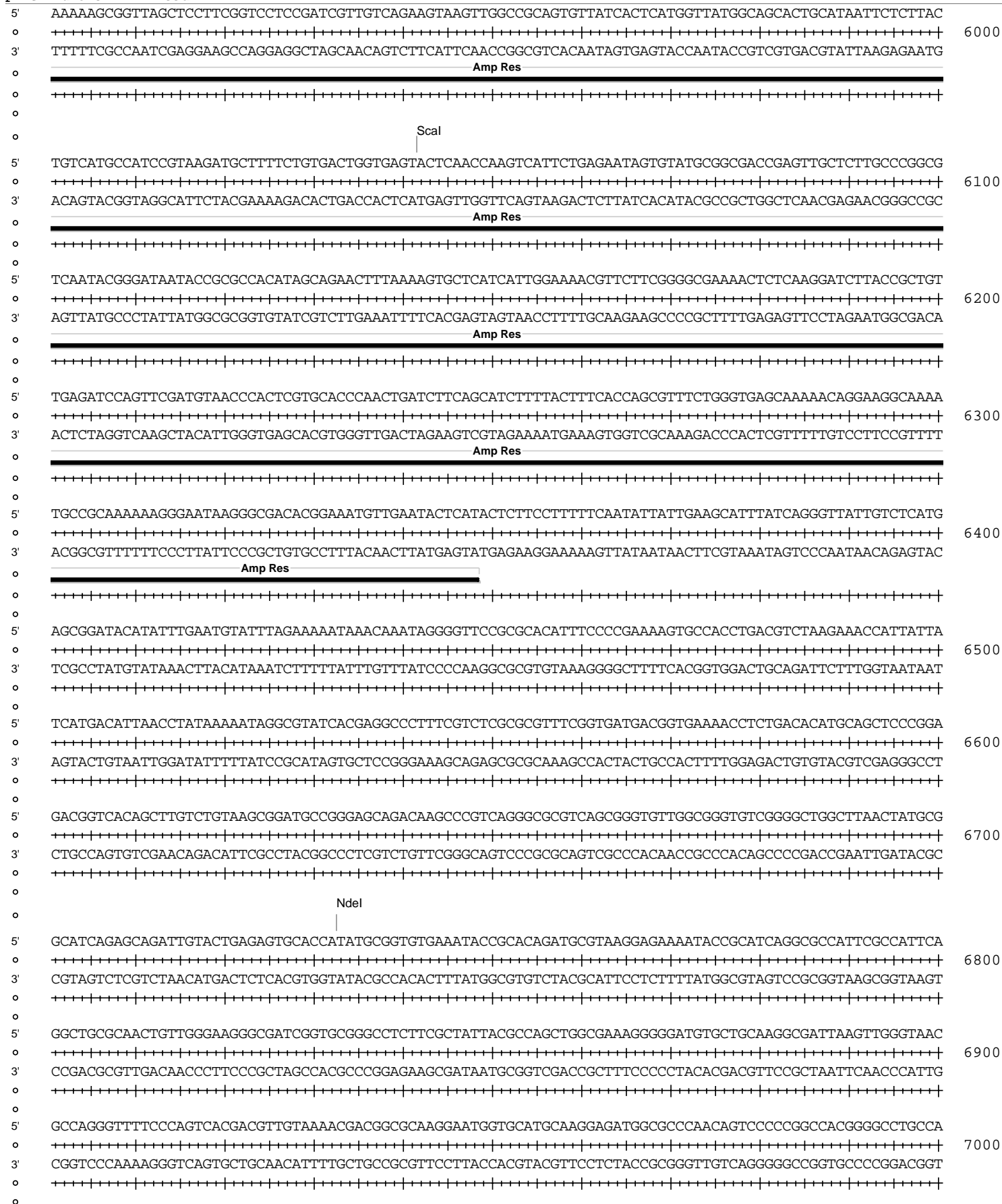


pMSCV-Puro-GFP miR-199a

5' ACCGTAAAAAGCCGCGTTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGAC  
 4800  
 3' TGGCATTTTTCCGGCGCAACGACCGCAAAAAGGTATCCGAGGCGGGGGACTGCTCGTAGTGTTTTAGCTGCGAGTTCAGTCTCCACCGCTTTGGGCTG  
 5' AGGACTATAAAGATACCAGGCGTTTCCCTCGGAAGCTCCCTCGTGCCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTCCTCCT  
 4900  
 3' TCCTGATATTTCTATGGTCCGCAAAGGGGACCTTCGAGGGAGCACGCGAGAGGACAAGGCTGGGACGGCGAATGCCCTATGGACAGGCGAAAGAGGGA  
 5' TCGGGAAGCGTGGCGCTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTCCGCTCAAGCTGGGCTGTGTGCACGAACCCCCGTTTC  
 5000  
 3' AGCCCTTCGCACCGCGAAAGAGTATCGAGTGCACATCCATAGAGTCAAGCCACATCCAGCAAGCGAGGTTTCGACCCGACACACGTGCTTGGGGGCAAG  
 5' AGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAG  
 5100  
 3' TCGGGCTGGCGACCGGAATAGGCCATTGATAGCAGAAGTTCAGGTTGGGCCATTCTGTGCTGAATAGCGGTGACCGTTCGTCGGTGACCAATTGTCTTAATC  
 5' CAGAGCGAGGTATGTAGGCGGTGCTACAGAGTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAG  
 5200  
 3' GTCTCGCTCCATACATCCGCCACGATGTCTCAAGAAGTTCACCACCGGATGATGCCGATGTGATCTTCTGTATAAACCATAGACGCGAGACGACTTC  
 5' CCAGTTACCTTCGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAACAACCACCGCTGGTAGCGGTGGTTTTTTTGTGTTGCAAGCAGCAGATTACGCGCA  
 5300  
 3' GGTCAATGGAAGCCTTTTTCTCAACCATCGAGAACTAGGCCGTTTGTGTTGGTGGCGACCATCGCCACCAAAAAACAACGTTTCGTGCTAATGCGCGT  
 5' GAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAAACGAAAACCTCACGTTAAGGGATTTTGGTCATGAGATTATC  
 5400  
 3' CTTTTTTTCCCTAGAGTCTTCTAGGAACTAGAAAAGATGCCCCAGACTGCGAGTACCTTGCTTTTGTGAGTGAATTCCCTAAAACAGTACTCTAATAG  
 5' AAAAAGGATCTCACCTAGATCCTTTTAAATTAATAATGAAGTTTAAATCAATCTAAAGTATATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTA  
 5500  
 3' TTTTTCCTAGAAAGTGATCTAGGAAAAATTAATTTTACTTCAAATTTAGTTAGATTTTCATATATACTCATTGAACCCAGACTGTCAATGGTTACGAAT  
 Amp Res  
 5' ATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTTCATCCATAGTTGCCTGACTCCCGTCGTGTAGATAACTACGATACGGGAGGCTTACCAT  
 5600  
 3' TAGTCACTCCGTGGATAGAGTGCCTAGACAGATAAAGCAAGTAGGTATCAACGGACTGAGGGCAGCACATCTATTGATGCTATGCCCTCCCGAATGGTA  
 Amp Res  
 5' CTGGCCCAGTGTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGG  
 5700  
 3' GACCGGGTACGACGTTACTATGGCGCTCTGGGTGCGAGTGGCCAGGCTAAATAGTCTGTTATTTGGTTCGGTTCGGCTTCCCGGCTCGCGTCTTACC  
 Amp Res  
 5' TCCTGCAACTTTATCCGCTCCATCCAGTCTATTAATTTGTCGGGAAGCTAGAGTAAAGTAGTTCCGCCAGTTAATAGTTTGCACGCAACGTTGTTGCCATT  
 5800  
 3' AGGACGTTGAAATAGGCGGAGGTAGGTCAGATAATTAACAACGGCCCTTCGATCTCATTCAAGCGGTCAATATCAAACGCGTTGCAACAACGGTAA  
 Amp Res  
 5' GCTACAGGCATCGTGGTGTACGCTCGTCTGTTGGTATGGCTTCATTTCAGCTCCGGTTCCTCAACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCA  
 5900  
 3' CGATGTCGGTAGCACACAGTGCAGCAGCAAACCATAACCGAAGTAAGTTCGAGGCCAAGGGTTGCTAGTTCCGCTCAATGTACTAGGGGGTACAACACGT  
 Amp Res



pMSCV-Puro-GFP miR-199a



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5' CCATACCCACGCCGAAACAAGCGCTCATGAGCCCGAAGTGGCGAGCCCGATCTTCCCATCGGTGATGTCGGCGATATAGGCGCCAGCAACCGCACCTGT
o ++++++
3' GGTATGGGTGCGGCTTTGTTTCGCGAGTACTCGGGCTTCACCGCTCGGGCTAGAAGGGGTAGCCACTACAGCCGCTATATCCGCGGTCTGTTGGCGTGGACA
o ++++++
o
o SgrAI
o |
5' GGCGCCGGTGATGCCGGCCACGATGCGTCCGGCGTAGAGGCGATTAGTCCAATTTGTTAAAGACAGGATATCAGTGGTCCAGGCTCTAGTTTTGACTCAA
o ++++++
3' CCGCGGCCACTACGGCCGGTGCTACGCAGGCCGCATCTCCGCTAATCAGGTAAACAATTTCTGTCTATAGTCACCAGGTCCGAGATCAAACCTGAGTT
o ++++++
o
5' CAATATCACCAGCTGAAGCCTATAGAGTACGAGCCATAGATAAAAATAAAAGATTTTATTTAGTCTCCAGAAAAAGGGGGAA
o ++++++
3' GTTATAGTGGTCGACTTCGGATATCTCATGCTCGGTATCTATTTTATTTTCTAAAATAAATCAGAGGTCTTTTCCCCCTT
o ++++++
o
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