

pUC19-p19-6xHis-siRNA UL19  
GAGATACCTACAGCGTGAGCTATGAGAAAAGCGCCACGCTTCCCGAAGGGAGAAAGGCGGA 60  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
CAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCTTCCAGGGGG 120  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
AAACGCCTGGTATCTTTATAGTCCTGTCTGGGTTTCGCCACCTCTGACTTGAGCGTCGATT 180  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
TTTGTGATGCTCGTCAGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCGGCCTTTTT 240  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
ACGGTTCCTGGCCTTTTGCTGGCCTTTTGCTCACATGTTCTTTCCTGCGTTATCCCCTGA 300  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
ATCGATAACGCCAGCAACGCGCCTTTTTACGGTTGACAATTAATCATCGGCTCGTATAA 360  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
TGGATGGAACGAGCTATACAAGGAAACGACGCTAGGGAACAAGCTAACAGTGAACGTTGG 420  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
GATGGAGGATCAGGAGGTACCACTTCTCCCTTCAAACCTCCTGACGAAAGTCCGAGTTGG 480  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
ACTGAGTGGCGGCTACATAACGATGAGACGAATTCGAATCAAGATAATCCCCTTGGTTTC 540  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
AAGGAAAGCTGGGGTTTCGGGAAAGTTGTATTTAAGAGATATCTCAGATACGACAGGACG 600  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
GAAGCTTCACTGCACAGAGTCCTTGATCTTGACGGGAGATTCGGTTAACTATGCAGCA 660  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19		
TCTCGATTTTTTCGGTTTCGACCAGATCGGATGTACCTATAGTATTCGGTTTTCGAGGAGTT	720	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
AGTATCACCGTTTCTGGAGGGTCGCGAACTCTTCAGCATCTCTGTGAGATGGCAATTCGG	780	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
TCTAAGCAAGAACTGCTACAGCTTGCCCCAATCGAAGTGGAAAGTAATGTATCAAGAGGA	840	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
TGCCCTGAAGGTACTCAAACCTTCGAAAAAGAAAGCGAGCACCACCACCACCACCTGA	900	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
CAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTTCGTTTTATCTGTTGTTTGTGCG	960	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
GTGAACGCTCTCTTACTCATATATACTATCTCTAGAGGGCCCGTTTAAACCCGCTGATCA	1020	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
GCTAATACGACTCACTATAGGGGAGCTCGTCGTACCTGAGATTGCTCCAGGGGAGGAATG	1080	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
CCCTAGCGATCCAGTTACCGATCCAGCTCATCCCCTGCACCCCGCGAACCTGGTGGCCAA	1140	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
TACGGTGAACGCGATGTTTACAATGGCAGGGTGGTAGTGGACGGACCGGCAATGCTAAC	1200	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
TCTTCAGGTTCTCGCACACAACATGGCAGAGAGAACCACTGCCTTGCTGTGCAGTGCGGC	1260	
pUC19-p19-UL19 siRNA AmpR (reversed)		
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pUC19-p19-6xHis-siRNA UL19		
CCCAGACGCCGGCGCCAACACCGCCTCTACCACTAACACTCGAGTCTAGAGCGCACGTAT	1320	

pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19  
ACACGCGCTGATCAGCGTCGACTGTTAGTGGTAGAGGCGGTGTTGGCGCCGGCGTCTGGG 1380  
pUC19-p19-UL19 siRNA AmpR (reversed) -----  
GTCGACTGATAGTGGTAGAGGCGGTGTTAGGCGCCAGCGTCTTGG 44

pUC19-p19-6xHis-siRNA UL19  
GCCGCACTGCACAGCAAGGCAGTGGTTCTCTCTGCCATGTTGTGTGCGAGAACCTGAAGA 1440  
pUC19-p19-UL19 siRNA AmpR (reversed)  
GCCGCACTGCACAGCAAGGCAGTGGTTCTCTCTGCCATGTTGTGTGCGAGAACCTGAAGA 104

pUC19-p19-6xHis-siRNA UL19  
GTTAGCATTGCCGGTCCGTCCACTACCACCCTGCCATTGTGAAACATCGCGTTCACCGTA 1500  
pUC19-p19-UL19 siRNA AmpR (reversed)  
GTTAGCATTGCCGGTCCGTCCACTACCACCCTGCCATTGTGAAACATCGCGTTCACCGTA 164

pUC19-p19-6xHis-siRNA UL19  
TTGGCCACCAGGTTTCGCGGGGTGCAGGGGATGAGCTGGATCGGTAAGTGGATCGCTAGGG 1560  
pUC19-p19-UL19 siRNA AmpR (reversed)  
TTGGCCACCAGGTTTCGCGGGGTGCAGGGGATGAGCTGGATCGGTAAGTGGATCGCTAGGG 224

pUC19-p19-6xHis-siRNA UL19  
CATTCTCCCCTGGAGCAATCTCAGGTACGACGCGGCCCTAGCATAACCCCGCGGGGC 1620  
pUC19-p19-UL19 siRNA AmpR (reversed)  
CATTCTCCCCTGGAGCAATCTCAGGTACGACGCGGCCCTAGCATAACCCCGCGGGGC 284

pUC19-p19-6xHis-siRNA UL19  
CTCTTCGGGGGTCTCGCGGGGTTTTTGTGTAAGACGGTTCCTGGCCTTTTGCTGGCCT 1680  
pUC19-p19-UL19 siRNA AmpR (reversed)  
CTCTTCGGGGGTCTCGCGGGGTTTTTGTGTAAGACGGTTCCTGGCCTTTTGCTGGCCT 344

pUC19-p19-6xHis-siRNA UL19  
TTTGCGGATCCGAAACGCGGAGACGAAAGGGCCTCGTGATACGCCTATTTTTATAGGTT 1740  
pUC19-p19-UL19 siRNA AmpR (reversed)  
TTTGCGGATCCGAAACGCGGAGACGAAAGGGCCTCGTGATACGCCTATTTTTATAGGTT 404

pUC19-p19-6xHis-siRNA UL19  
AATGTCATGATAATAATGGTTTTCTTAGACGTCAGGTGGCACTTTTCGGGGAAATGTGCGC 1800  
pUC19-p19-UL19 siRNA AmpR (reversed)  
AATGTCATGATAATAATGGTTTTCTTAGACGTCAGGTGGCACTTTTCGGGGAAATGTGCGC 464

pUC19-p19-6xHis-siRNA UL19  
GGAACCCCTATTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAA 1860  
pUC19-p19-UL19 siRNA AmpR (reversed)  
GGAACCCCTATTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAA 524

pUC19-p19-6xHis-siRNA UL19  
TAACCCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTCAACATTTTC 1920  
pUC19-p19-UL19 siRNA AmpR (reversed)  
TAACCCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTCAACATTTTC 584

pUC19-p19-6xHis-siRNA UL19

CGTGTGCGCCCTTATTCCCTTTTTTGCGGCATTTCCTTCCTGTTTTTCTCACCCAGAA	1980
pUC19-p19-UL19 siRNA AmpR (reversed)	
CGTGTGCGCCCTTATTCCCTTTTTTGCGGCATTTCCTTCCTGTTTTTCTCACCCAGAA	644
pUC19-p19-6xHis-siRNA UL19	
ACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTACATCGAA	2040
pUC19-p19-UL19 siRNA AmpR (reversed)	
ACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTACATCGAA	704
pUC19-p19-6xHis-siRNA UL19	
CTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCC-AAT	2099
pUC19-p19-UL19 siRNA AmpR (reversed)	
CTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCCAAT	764
pUC19-p19-6xHis-siRNA UL19	
GATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGCA	2159
pUC19-p19-UL19 siRNA AmpR (reversed)	
GA-----	824
pUC19-p19-6xHis-siRNA UL19	
AGAGCAACTCGGTGCGCCGCATACACTATTCTCAGAATGACTTGTTGAGTACTCACCAGT	2219
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	884
pUC19-p19-6xHis-siRNA UL19	
CACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAAC	2279
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	944
pUC19-p19-6xHis-siRNA UL19	
CATGAGTGATAACACTGCGGCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCT	2339
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	1004
pUC19-p19-6xHis-siRNA UL19	
AACCGCTTTTTTGCACAACATGGGGGATCATGTAACCGCCTTGATCGTTGGGAACCGGA	2399
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	1064
pUC19-p19-6xHis-siRNA UL19	
GCTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGATGCCTGTAGCAATGGCAAC	2459
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	1124
pUC19-p19-6xHis-siRNA UL19	
AACGTTGCGCAAATACTGCGGAACTACTTACTCTAGCTTCCCGGCAACAATTAAT	2519
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	1184
pUC19-p19-6xHis-siRNA UL19	
AGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTCCGGCTGG	2579
pUC19-p19-UL19 siRNA AmpR (reversed)	
-----	1244

pUC19-p19-6xHis-siRNA UL19 CTGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGC pUC19-p19-UL19 siRNA AmpR (reversed)	2639
-----	1304
pUC19-p19-6xHis-siRNA UL19 ACTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGC pUC19-p19-UL19 siRNA AmpR (reversed)	2699
-----	1364
pUC19-p19-6xHis-siRNA UL19 AACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTG pUC19-p19-UL19 siRNA AmpR (reversed)	2759
-----	1424
pUC19-p19-6xHis-siRNA UL19 GTAAGTGTGACACCAAGTTTACTCATATATACTTTAGATTGATTTAAACTTCATTTTTTA pUC19-p19-UL19 siRNA AmpR (reversed)	2819
-----	1484
pUC19-p19-6xHis-siRNA UL19 ATTTAAAAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAATCCCTTAACG pUC19-p19-UL19 siRNA AmpR (reversed)	2879
-----	1544
pUC19-p19-6xHis-siRNA UL19 TGAGTTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGA pUC19-p19-UL19 siRNA AmpR (reversed)	2939
-----	1604
pUC19-p19-6xHis-siRNA UL19 TCCTTTTTTTCTGCGCTAATCTGCTGCTTGCAAACAAAAAAACCACCGCTACCAGCGGT pUC19-p19-UL19 siRNA AmpR (reversed)	2999
-----	1664
pUC19-p19-6xHis-siRNA UL19 GGTTTGTGGCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAGTGGCTTCAGCAG pUC19-p19-UL19 siRNA AmpR (reversed)	3059
-----	1724
pUC19-p19-6xHis-siRNA UL19 AGCGCAGATACCAAATACTGTTCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAA pUC19-p19-UL19 siRNA AmpR (reversed)	3119
-----	1784
pUC19-p19-6xHis-siRNA UL19 CTCTGTAGCACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAG pUC19-p19-UL19 siRNA AmpR (reversed)	3179
-----	1844
pUC19-p19-6xHis-siRNA UL19 TGGCGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAGGCGCA pUC19-p19-UL19 siRNA AmpR (reversed)	3239
-----	1904

pUC19-p19-6xHis-siRNA UL19  
GCGGTCGGGCTGAACGGGGGTTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACAC 3299  
pUC19-p19-UL19 siRNA AmpR (reversed)

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pUC19-p19-6xHis-siRNA UL19 CGAACT  
3305  
pUC19-p19-UL19 siRNA AmpR (reversed) -----  
766