

pUC19-p19-6xHis-siRNA UL19 GAGATACCTACAGCGTGAGCTATGAGAAAAGCGCCACGCTTCCCCGAAGGGAGAAAGGCGGA pUC19-p19-UL19 siRNA p19F	60

pUC19-p19-6xHis-siRNA UL19 CAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCTTCCAGGGGG pUC19-p19-UL19 siRNA p19F	120

pUC19-p19-6xHis-siRNA UL19 AAACGCCTGGTATCTTTATAGTCCTGTCTGGGTTTTCGCCACCTCTGACTTGAGCGTCGATT pUC19-p19-UL19 siRNA p19F	180

pUC19-p19-6xHis-siRNA UL19 TTTGTGATGCTCGTCAGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCGGCCTTTTT pUC19-p19-UL19 siRNA p19F	240

pUC19-p19-6xHis-siRNA UL19 ACGTTTCTGGCCTTTTGCTGGCCTTTTGCTCACATGTTCTTTCCTGCGTTATCCCCTGA pUC19-p19-UL19 siRNA p19F	300

pUC19-p19-6xHis-siRNA UL19 ATCGATAACGCCAGCAACGCGCCTTTTTACGGTTGACAATTAATCATCGGCTCGTATAA pUC19-p19-UL19 siRNA p19F	360

pUC19-p19-6xHis-siRNA UL19 TGGATGGAACGAGCTATACAAGGAAACGACGCTAGGGAACAAGCTAACAGTGAACGTTGG pUC19-p19-UL19 siRNA p19F ----- CAGGGAAGGC-CTAA-AGTGAACGTTGG 26	420

pUC19-p19-6xHis-siRNA UL19 GATGGAGGATCAGGAGGTACCACTTCTCCCTTCAAACCTTCTGACGAAAGTCCGAGTTGG pUC19-p19-UL19 siRNA p19F	480
GATGGAGGATCAGGAGGTACCACTTCTCCCTTCAAACCTTCTGACGAAAGTCCGAGTTGG	86

pUC19-p19-6xHis-siRNA UL19 ACTGAGTGGCGGCTACATAACGATGAGACGAATTCGAATCAAGATAATCCCCTTGGTTTC pUC19-p19-UL19 siRNA p19F	540
ACTGAGTGGCGGCTACATAACGATGAGACGAATTCGAATCAAGATAATCCCCTTGGTTTC	146

pUC19-p19-6xHis-siRNA UL19 AAGGAAAGCTGGGGTTTCGGGAAAGTTGTATTTAAGAGATATCTCAGATACGACAGGACG pUC19-p19-UL19 siRNA p19F	600
AAGGAAAGCTGGGGTTTCGGGAAAGTTGTATTTAAGAGATATCTCAGATACGACAGGACG	206

pUC19-p19-6xHis-siRNA UL19 GAAGCTTCACTGCACAGAGTCCTTGATCTTGACGGGAGATTCGGTTAACTATGCAGCA pUC19-p19-UL19 siRNA p19F	660

GAAGCTTCACTGCACAGAGTCCTTGGATCTTGGACGGGAGATTCGGTTAACTATGCAGCA	266
pUC19-p19-6xHis-siRNA UL19	
TCTCGATTTTTTCGGTTTCGACCAGATCGGATGTACCTATAGTATTCGGTTTCGAGGAGTT	720
pUC19-p19-UL19 siRNA p19F	
TCTCGATTTTTTCGGTTTCGACCAGATCGGATGTACCTATAGTATTCGGTTTCGAGGAGTT	326
pUC19-p19-6xHis-siRNA UL19	
AGTATCACCGTTTCTGGAGGGTCGCGAACTCTCAGCATCTCTGTGAGATGGCAATTCGG	780
pUC19-p19-UL19 siRNA p19F	
AGTATCACCGTTTCTGGAGGGTCGCGAACTCTCAGCATCTCTGTGAGATGGCAATTCGG	386
pUC19-p19-6xHis-siRNA UL19	
TCTAAGCAAGAACTGCTACAGCTTGCCCCAATCGAAGTGGAAAGTAATGTATCAAGAGGA	840
pUC19-p19-UL19 siRNA p19F	
TCTAAGCAAGAACTGCTACAGCTTGCCCCAATCGAAGTGGAAAGTAATGTATCAAGAGGA	446
pUC19-p19-6xHis-siRNA UL19	
TGCCCTGAAGGTACTCAAACCTTCGAAAAAGAAAGCGAGCACCACCACCACCACCCTGA	900
pUC19-p19-UL19 siRNA p19F	
TGCCCTGAAGGTACTCAAACCTTCGAAAAAGAAAGCGAGCACCACCACCACCACCCTGA	506
pUC19-p19-6xHis-siRNA UL19	
CAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTGTTGTTTGTGCG	960
pUC19-p19-UL19 siRNA p19F	
CAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTTTTATCTGTTGTTTGTGCG	566
pUC19-p19-6xHis-siRNA UL19	
GTGAACGCTCTCTTACTCATATATACTATCTCTAGAGGGCCCGTTTAAACCCGCTGATCA	1020
pUC19-p19-UL19 siRNA p19F	
GTGAACGCTCTCTTACTCATATATACTATCTCTAGAGGGCCCGTTTAAACCCGCTGATCA	626
pUC19-p19-6xHis-siRNA UL19	
GCTAATACGACTCACTATAGGGGAGCTCGTCTGACCTGAGATTGCTCCAGGGGAGGAATG	1080
pUC19-p19-UL19 siRNA p19F	
GCTAATACGACTCACTATAGGGGAGCTCGTGTAACTGAGATTGCTCCAGGGGAGGAATG	686
pUC19-p19-6xHis-siRNA UL19	
CCCTAGCGATCCAGTTACCGATCCAGCTCATCCCCTGCACCCCGCGAACCTGGTGGCCAA	1140
pUC19-p19-UL19 siRNA p19F	
CCCTAGCGATCCAGTTACCGATCCAGCTCATCCCCTGCACCCCGCGAACCTGGTGGCCAA	746
pUC19-p19-6xHis-siRNA UL19	
TACGGTGAACGCGATGTTTCACAATGGCAGGGTGGTAGTGGACGGACCGGCAATGCTAAC	1200
pUC19-p19-UL19 siRNA p19F	
TACGGTGAACGCGATGTTTCACAATGGCAGGGTGGTAGTGGACGGACCGGCAATGCTAAC	806
pUC19-p19-6xHis-siRNA UL19	
TCTTCAGGTTCTCGCACACAACATGGCAGAGAGAACCACTGCCTTGCTGTGCAGTGCGGC	1260
pUC19-p19-UL19 siRNA p19F	
TCTTCAGGTTCTCGCACACAACATGGCAGAGAGAACCACTGCCTTGCTGTGCAGTGCGGC	866
pUC19-p19-6xHis-siRNA UL19	
CCCAGACGCCGGCGCCAACACCGCCTCTACCACTAACACTCGAGTCTAGAGCGCACGTAT	1320

pUC19-p19-UL19 siRNA p19F CCCAGACGCCGGCGCCAACACCGCCTCTACCACTAACACTCGAGTCTAGAGCGCACGA--	926
pUC19-p19-6xHis-siRNA UL19 ACACGCGCTGATCAGCGTCGACTGTTAGTGGTAGAGGCGGTGTTGGCGCCGGCGTCTGGG pUC19-p19-UL19 siRNA p19F	1380
-----	986
pUC19-p19-6xHis-siRNA UL19 GCCGCACTGCACAGCAAGGCAGTGGTTCTCTCTGCCATGTTGTGTGCGAGAACCTGAAGA pUC19-p19-UL19 siRNA p19F	1440
-----	1046
pUC19-p19-6xHis-siRNA UL19 GTTAGCATTGCCGGTCCGTCCACTACCACCCTGCCATTGTGAAACATCGCGTTCACCGTA pUC19-p19-UL19 siRNA p19F	1500
-----	1106
pUC19-p19-6xHis-siRNA UL19 TTGGCCACCAGGTTTCGCGGGGTGCAGGGGATGAGCTGGATCGGTAACCTGGATCGCTAGGG pUC19-p19-UL19 siRNA p19F	1560
-----	1166
pUC19-p19-6xHis-siRNA UL19 CATTCTCCCCTGGAGCAATCTCAGGTACGACGCGGCCCTAGCATAACCCCGCGGGGC pUC19-p19-UL19 siRNA p19F	1620
-----	1226
pUC19-p19-6xHis-siRNA UL19 CTCTTCGGGGGTCTCGCGGGGTTTTTGTCTGAAAGACGGTTCCTGGCCTTTTGCTGGCCT pUC19-p19-UL19 siRNA p19F	1680
-----	1286
pUC19-p19-6xHis-siRNA UL19 TTTGCGGATCCGAAACGCGCGAGACGAAAGGCCTCGTGATACGCCTATTTTTATAGGTT pUC19-p19-UL19 siRNA p19F	1740
-----	1346
pUC19-p19-6xHis-siRNA UL19 AATGTCATGATAATAATGGTTTTCTTAGACGTCAGGTGGCACTTTTCGGGGAAATGTGCGC pUC19-p19-UL19 siRNA p19F	1800
-----	1406
pUC19-p19-6xHis-siRNA UL19 GGAACCCCTATTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAA pUC19-p19-UL19 siRNA p19F	1860
-----	1466
pUC19-p19-6xHis-siRNA UL19 TAACCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTCAACATTTTC pUC19-p19-UL19 siRNA p19F	1920
-----	1526
pUC19-p19-6xHis-siRNA UL19	

CGTGTCGCCCTTATTCCCTTTTTTGCGGCATTTCCTTCTGTTTTTGCTCACCCAGAA pUC19-p19-UL19 siRNA p19F	1980
-----	1586
pUC19-p19-6xHis-siRNA UL19 ACGCTGGTCAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTACATCGAA pUC19-p19-UL19 siRNA p19F	2040
-----	1646
pUC19-p19-6xHis-siRNA UL19 CTGGATCTCAACAGCGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCCAATG pUC19-p19-UL19 siRNA p19F	2100
-----	1706
pUC19-p19-6xHis-siRNA UL19 ATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGCAA pUC19-p19-UL19 siRNA p19F	2160
-----	1766
pUC19-p19-6xHis-siRNA UL19 GAGCAACTCGGTCGCCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTCACCAGTC pUC19-p19-UL19 siRNA p19F	2220
-----	1826
pUC19-p19-6xHis-siRNA UL19 ACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAACC pUC19-p19-UL19 siRNA p19F	2280
-----	1886
pUC19-p19-6xHis-siRNA UL19 ATGAGTGATAACACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTA pUC19-p19-UL19 siRNA p19F	2340
-----	1946
pUC19-p19-6xHis-siRNA UL19 ACCGCTTTTTTGACAACATGGGGGATCATGTAACTCGCCTTGATCGTTGGGAACCGGAG pUC19-p19-UL19 siRNA p19F	2400
-----	2006
pUC19-p19-6xHis-siRNA UL19 CTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGATGCCTGTAGCAATGGCAACA pUC19-p19-UL19 siRNA p19F	2460
-----	2066
pUC19-p19-6xHis-siRNA UL19 ACGTTGCGCAAATACTGCGGAACTACTTACTCTAGCTTCCCGGCAACAATTAATA pUC19-p19-UL19 siRNA p19F	2520
-----	2126
pUC19-p19-6xHis-siRNA UL19 GACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGCTGGC pUC19-p19-UL19 siRNA p19F	2580
-----	2186

pUC19-p19-6xHis-siRNA UL19 TGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCA pUC19-p19-UL19 siRNA p19F	2640
-----	2246
pUC19-p19-6xHis-siRNA UL19 CTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCA pUC19-p19-UL19 siRNA p19F	2700
-----	2306
pUC19-p19-6xHis-siRNA UL19 ACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGG pUC19-p19-UL19 siRNA p19F	2760
-----	2366
pUC19-p19-6xHis-siRNA UL19 TAACTGTCAGACCAAGTTTACTCATATATACTTTAGATTGATTTAAACTTCATTTTTAA pUC19-p19-UL19 siRNA p19F	2820
-----	2426
pUC19-p19-6xHis-siRNA UL19 TTTAAAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAATCCCTTAACGT pUC19-p19-UL19 siRNA p19F	2880
-----	2486
pUC19-p19-6xHis-siRNA UL19 GAGTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGAT pUC19-p19-UL19 siRNA p19F	2940
-----	2546
pUC19-p19-6xHis-siRNA UL19 CCTTTTTTCTGCGGTAATCTGCTGCTTGCAAACAAAAAACCACCGCTACCAGCGGTG pUC19-p19-UL19 siRNA p19F	3000
-----	2606
pUC19-p19-6xHis-siRNA UL19 GTTTGTGGCCGATCAAGAGCTACCAACTTTTTCCGAAGGTAAGTGGCTTCAGCAGA pUC19-p19-UL19 siRNA p19F	3060
-----	2666
pUC19-p19-6xHis-siRNA UL19 GCGCAGATACCAATACTGTTCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAAC pUC19-p19-UL19 siRNA p19F	3120
-----	2726
pUC19-p19-6xHis-siRNA UL19 TCTGTAGCACCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGT pUC19-p19-UL19 siRNA p19F	3180
-----	2786
pUC19-p19-6xHis-siRNA UL19 GGCGATAAGTCGTGTCTTACCGGTTGGACTCAAGACGATAGTTACCGGATAAGGCGCAG pUC19-p19-UL19 siRNA p19F	3240
-----	2846

pUC19-p19-6xHis-siRNA UL19
CGGTCGGGCTGAACGGGGGGTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACC 3300
pUC19-p19-UL19 siRNA p19F
----- 2906

pUC19-p19-6xHis-siRNA UL19 GAACT
3305
pUC19-p19-UL19 siRNA p19F -----
924