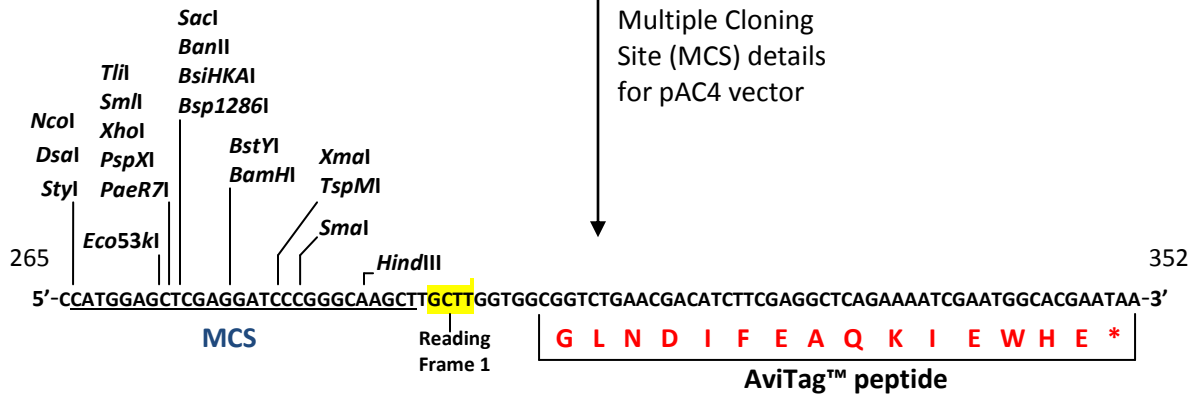
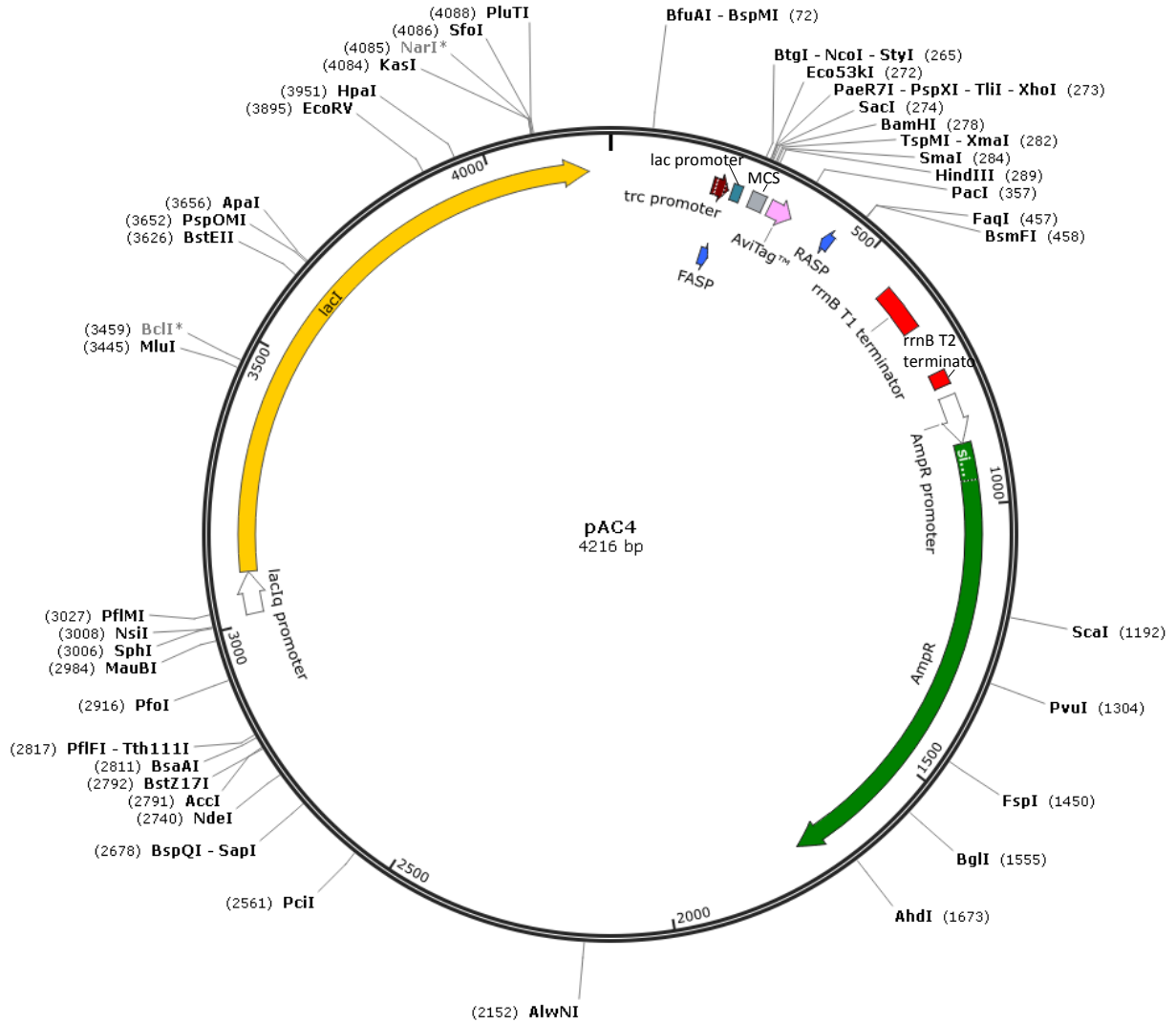




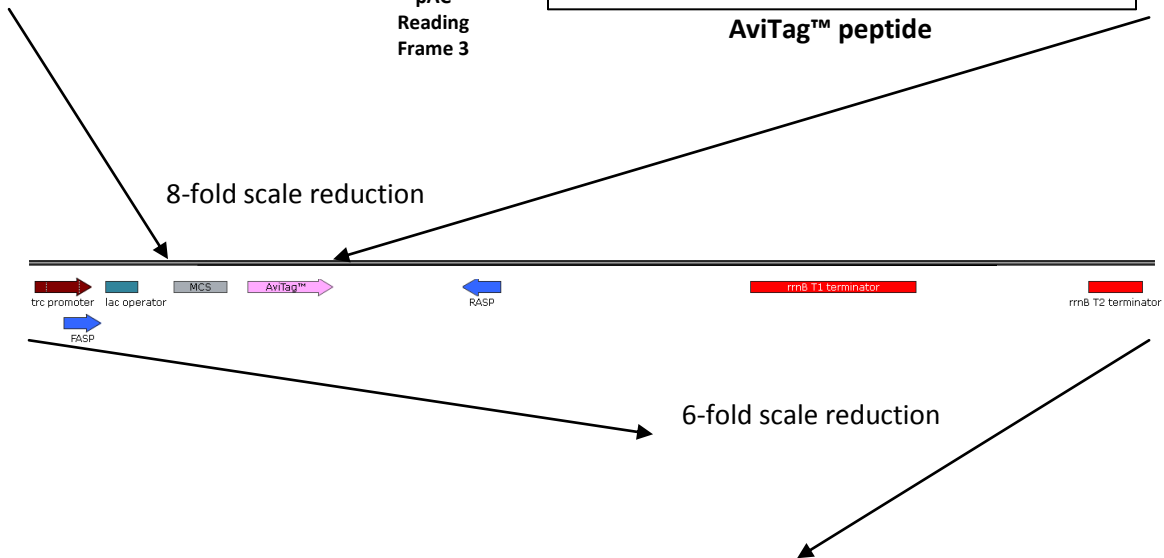
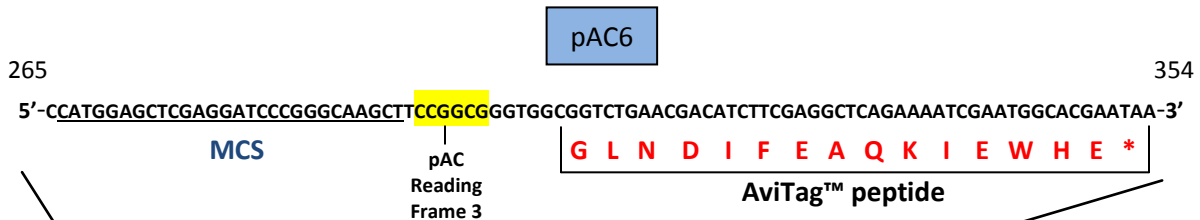
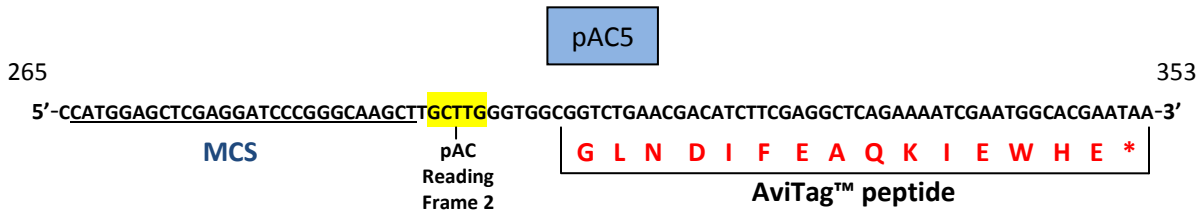
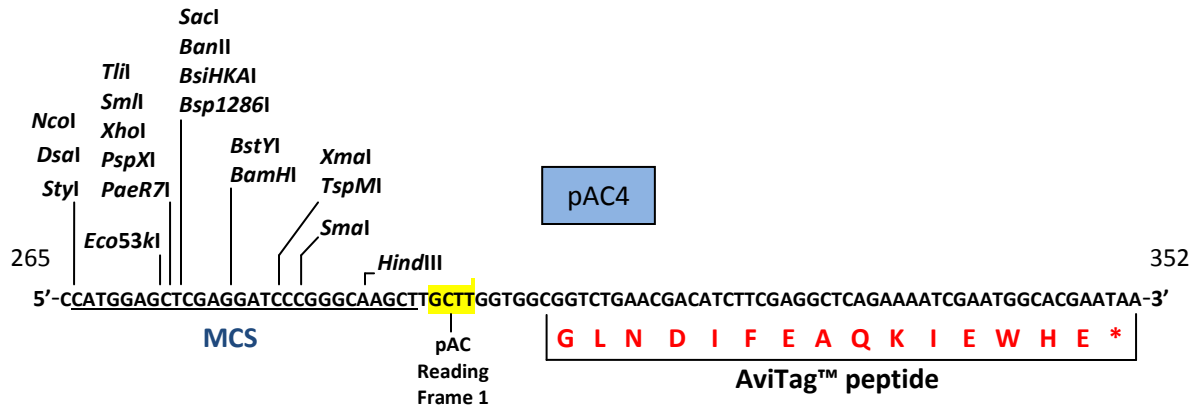
# pAC4 AviTag™ Vector





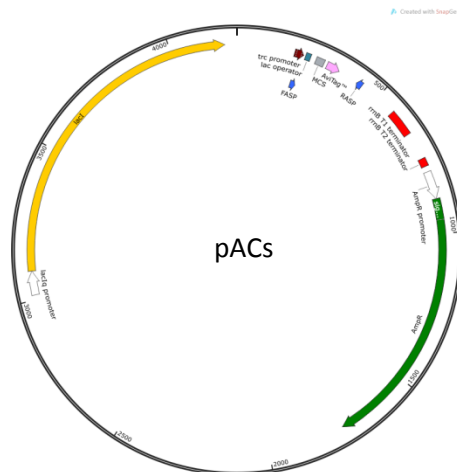
# pAC4 AviTag™ Vector

## pAC Vectors Comparison





# pAC4 AviTag™ Vector



## pAC4 Nucleotide Sequence

AviTag™ start 296-352  
Ptrc promoter start 194-213  
rrnB T1 terminator start 559-602  
rrnB T2 terminator start 734-761  
beta-lactamase start 886-1743  
lacIQ start 3218-4174  
FASP Primer 208-227  
RAS Primer 418-437 C'

GTTTGACAGCTTATCATCGACTGCACGGTGCACCAATGCTTCTGGCGTCAGGCAGCCATC	60
GGAAGCTGTGGTATGGCTGTGCAGGTCGTAAATCACTGCATAATTCGTGTGCTCAAGGC	120
GCACTCCCCTTCTGGATAATGTTTTTTCGCGCCGACATCATAACGGTTCTGGCAAATATTC	180
TGAAATGAGCTGTTGACAATTAATCATCCGGCTCGTATAATGTGTGGAATTGTGAGCGGA	240
TAACAATTTACACAGGAAACAGACCATGGAGCTCGAGGATCCCGGGCAAGCTTGCTTGG	300
TGGCGGTCTGAACGACATCTTCGAGGCTCAGAAAATCGAATGGCACGAATAATTAATTA	360
GAGCTTGGCTGTTTTGGCGGATGAGAGAAGATTTTCAGCCTGATACAGATTAAATCAGAA	420
CGCAGAAGCGGTCTGATAAAACAGAATTTGCCTGGCGGCAGTAGCGCGGTGGTCCCACCT	480
GACCCCATGCCGAACTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCC	540
CATGCGAGAGTAGGGAAGTCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTG	600
GGCCTTTCGTTTTATCTGTTGTTTTCGCGTGAACGCTCTCCTGAGTAGGACAAATCCGCC	660
GGGAGCGGATTTGAACGTTGCGAAGCAACGGCCCGGAGGGTGGCGGGCAGGACGCCCCGCC	720
ATAAACTGCCAGGCATCAAATTAAGCAGAAGGCCATCCTGACGGATGGCCTTTTTGCGTT	780
TCTACAAACTCTTTTTGTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGA	840
CAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTCAACAT	900
TTCCGTGTCGCCCTTATCCCTTTTTGCGGCATTTTGCCTTCTGTTTTGCTCACCCA	960
GAAACGCTGGTAAAGTAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTACATC	1020
GAACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCCA	1080
ATGATGAGCACTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTGTGACGCCGGG	1140



AVIDITY

# pAC4 AviTag™ Vector

CAAGAGCAACTCGGTCGCCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTACCA	1200
GTCACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATA	1260
ACCATGAGTGATAAACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAG	1320
CTAACCGCTTTTTTGCACAACATGGGGGATCATGTAACCTGCCTTGATCGTTGGGAACCG	1380
GAGCTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGATGCCTACAGCAATGGCA	1440
ACAACGTTGCGCAAATACTTAATACTGGCGAACTACTTACTCTAGCTTCCCGGCAACAATTA	1500
ATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGCT	1560
GGCTGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCA	1620
GCACTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAG	1680
GCAACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCAT	1740
TGGTAACTGTCAGACCAAGTTTACTCATATATACTTTAGATTGATTTAAACTTCATTTT	1800
TAATTTAAAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAAAATCCCTTAA	1860
CGTGAGTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGA	1920
GATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAAAACCACCGCTACCAGCG	1980
GTGGTTTGTGGCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAGTGGCTTCAGC	2040
AGAGCGCAGATACCAAATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAG	2100
AACTCTGTAGCACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCC	2160
AGTGGCGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAGGCG	2220
CAGCGGTCGGGCTGAACGGGGGGTTCGTGCACACAGCCAGCTTGGAGCGAACGACCTAC	2280
ACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAAGCGCCACGCTTCCCGAAGGGAGA	2340
AAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCTT	2400
CCAGGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAG	2460
CGTCGATTTTTGTGATGCTCGTCAGGGGGGGCGGAGCCTATGAAAAACGCCAGCAACGCG	2520
GCCTTTTTACGGTTCCTGGCCTTTTGCTGGCCTTTTGCTCACATGTTCTTTCTGCGTTA	2580
TCCCCTGATTCTGTGGATAACCGTATTACCGCCTTTGAGTGAGCTGATACCGCTCGCCGC	2640
AGCCGAACGACCGAGCGCAGCGAGTCAGTGAGCGAGGAAGCGGAAGAGCGCCTGATGCGG	2700
TATTTTCTCCTTACGCATCTGTGCGGTATTTACACCCGCATATGGTGCCTCTCAGTACA	2760
ATCTGCTCTGATGCCGCATAGTTAAGCCAGTATACACTCCGCTATCGCTACGTGACTGGG	2820
TCATGGCTGCGCCCCGACACCCGCCAACACCCGCTGACGCGCCCTGACGGGCTTGCTGCG	2880
TCCCGGCATCCGCTTACAGACAAGCTGTGACCGTCTCCGGGAGCTGCATGTGTCAGAGGT	2940
TTTACCGTCATACCGAAACGCGCGAGGCAGCAGATCAATTCCGCGCGGAAGGCGAAGC	3000
GGCATGCATTTACGTTGACACCATCGAATGGTGCAAACCTTTCCGCGGTATGGCATGATA	3060
GCGCCCCGAAGAGAGTCAATTGAGGGTGGTGAATGTGAAACCAGTAACGTTATACGATGT	3120
CGCAGAGTATGCCGGTGTCTTATCAGACCGTTTTCCGCGTGGTGAACCAGGCCAGCCA	3180
CGTTTCTGCGAAAACGCGGGAAAAAGTGGAAGCGGCGATGGCGGAGCTGAATTACATTCC	3240
CAACCGCTGGCACAACAACTGGCGGGCAAACAGTCGTTGCTGATTGGCGTTGCCACCTC	3300
CAGTCTGGCCCTGCACGCGCCGTCGAAATTGTCGCGGCGATTAAATCTCGCGCCGATCA	3360
ACTGGGTGCCAGCGTGGTGGTGTGATGGTAGAACGAAGCGGCGTGAAGCCTGTAAAGC	3420
GGCGGTGCACAATCTTCTCGCGCAACGCGTCAGTGGGCTGATCATTAATACTATCCGCTGGA	3480
TGACCAGGATGCCATTGCTGTGGAAGCTGCCTGCACTAATGTTCCGGCGTTATTTCTTGA	3540
TGTCTTGACCAGACCCCATCAACAGTATTATTTTCTCCCATGAAGACGGTACGCGACT	3600
GGCGTGGAGCATCTGGTCGATTGGTCCACCAGCAAATCGCGCTGTTAGCGGGCCATT	3660



AVIDITY

## pAC4 AviTag™ Vector

AAGTTCTGTCTCGGCGCGTCTGCGTCTGGCTGGCTGGCATAAATATCTCACTCGCAATCA	3720
AATTCAGCCGATAGCGGAACGGGAAGGCGACTGGAGTGCCATGTCCGGTTTTCAACAAAC	3780
CATGCAAATGCTGAATGAGGGCATCGTTCCCCTGCGATGCTGGTTGCCAACGATCAGAT	3840
GGCGCTGGGCGCAATGCGCGCCATTACCGAGTCCGGGCTGCGCGTTGGTGCGGATATCTC	3900
GGTAGTGGGATACGACGATACCGAAGACAGCTCATGTTATATCCCGCCGTTAACCACCAT	3960
CAAACAGGATTTTCGCCTGCTGGGGCAAACCAGCGTGGACCGTTGCTGCAACTCTCTCA	4020
GGGCCAGGCGGTGAAGGGCAATCAGCTGTTGCCCGTCTCACTGGTGAAAAGAAAAACCAC	4080
CCTGGCGCCAATACGCAAACCGCCTCTCCCCGCGGTTGGCCGATTCATTAATGCAGCT	4140
GGCACGACAGGTTTCCCGACTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTT	4200
AGCGGAATTGATCTG	