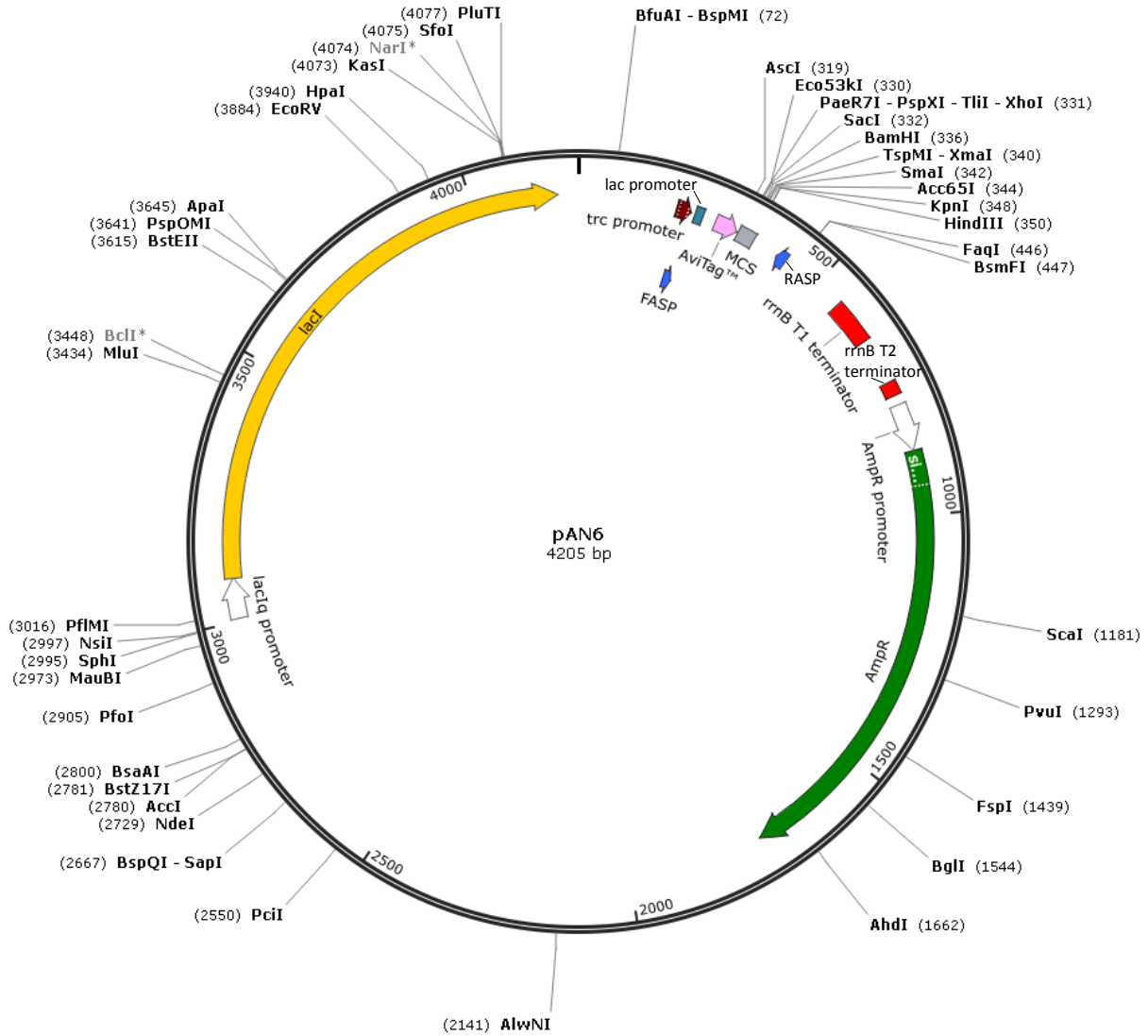
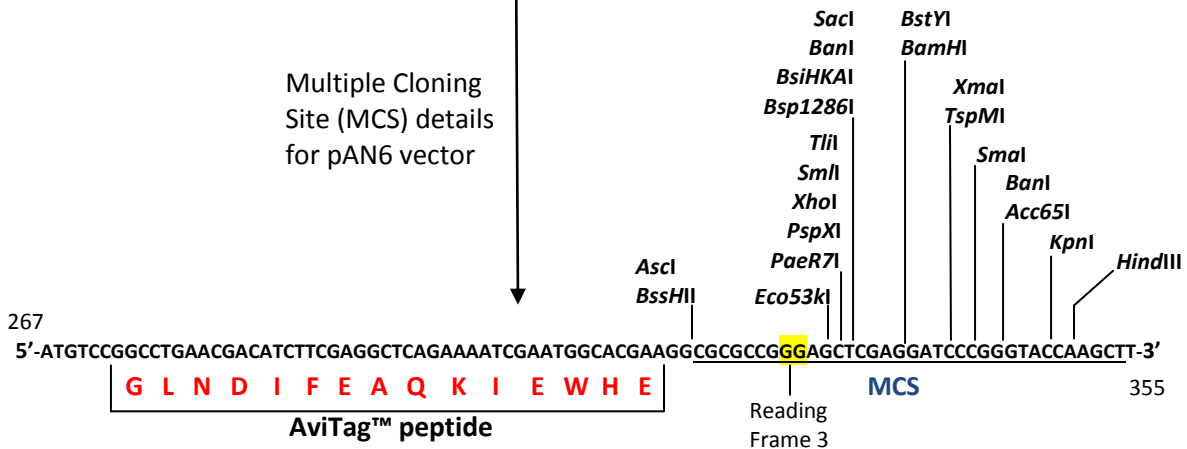




pAN6 AviTag™ Vector



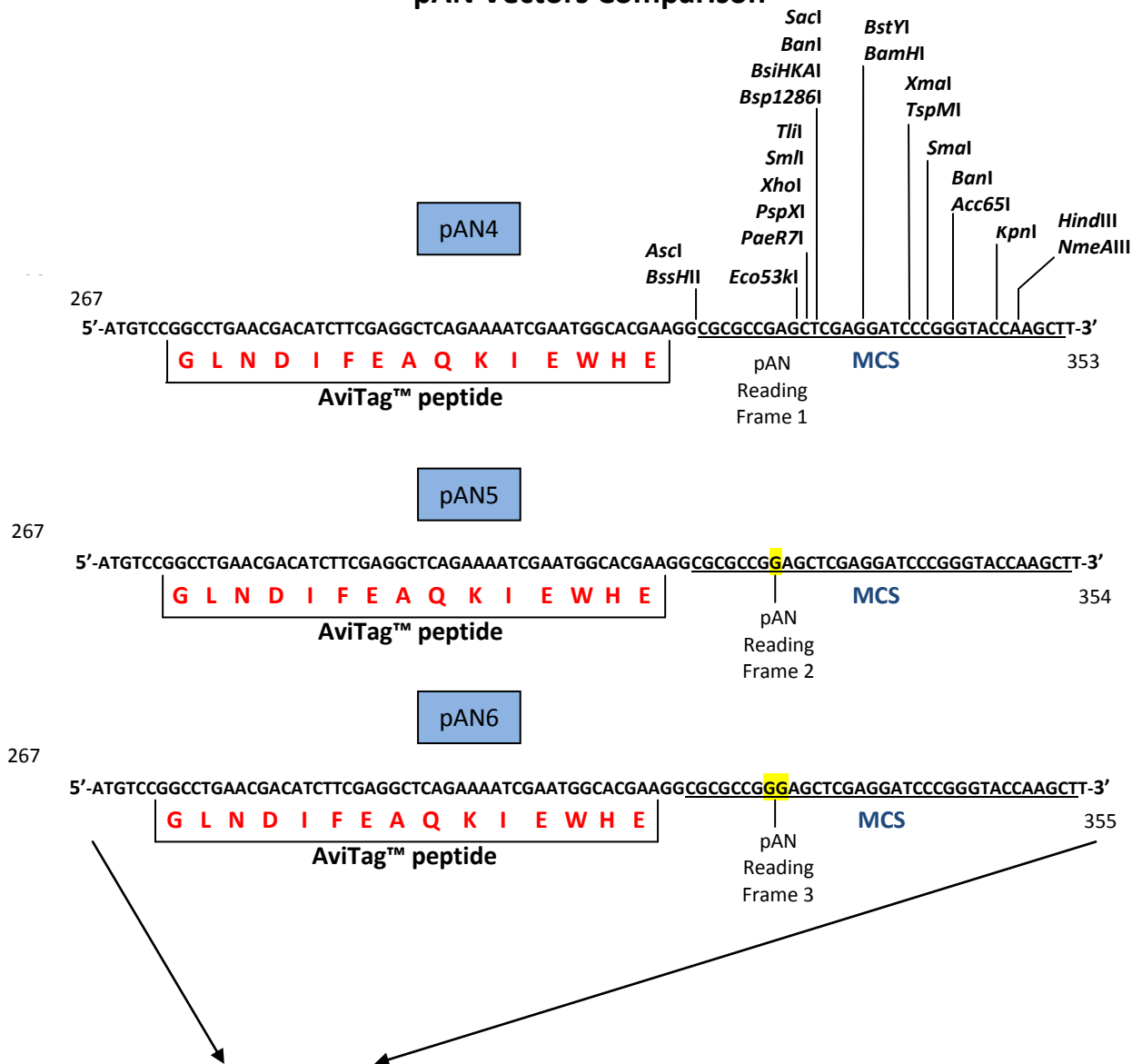
Multiple Cloning Site (MCS) details for pAN6 vector





pAN6 AviTag™ Vector

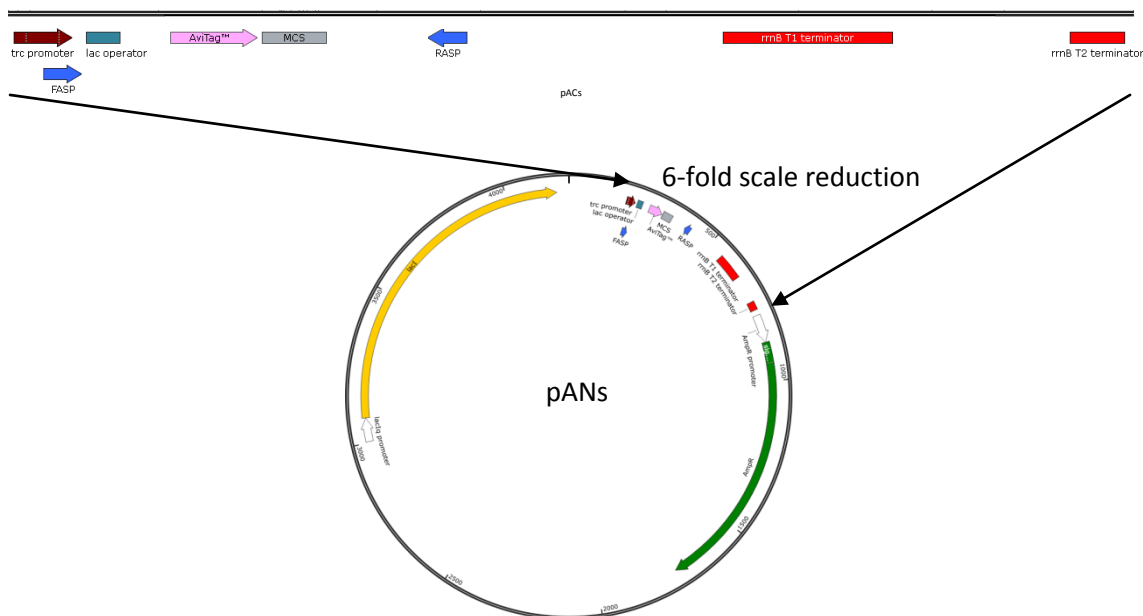
pAN Vectors Comparison





pAN6 AviTag™ Vector

8-fold scale reduction



pAN6 Nucleotide Sequence

AviTag start 269-319
 Ptrc promoter start 196-215
 rrnB T1 terminator start 548-591
 rrnB T2 terminator start 723-750
 beta-lactamase start 875-1732
 lacIQ start 3075-4163
 FASP primer 208-227
 RASP primer 407-426 C'

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GTTTGACAGCTTATCATCGACTGCACGGTGCACCAATGCTTCTGGCGTCAGGCAGCCATC      60
GGAAGCTGTGGTATGGCTGTGCAGGTCGTAAATCACTGCATAATTCGTGTCGCTCAAGGC      120
GCACTCCCCTTCTGGATAATGTTTTTTCGCGCCGACATCATAACGGTTCTGGCAAATATTC      180
TGAAATGAGCTGTTGACAATTAATCATCCGGCTCGTATAATGTGTGGAATTGTGAGCGGA      240
TAACAATTTACACAGGAAACAGACCATGTCCGGCCTGAACGACATCTTCGAGGCTCAGA      300
AAATCGAATGGCACGAAGGCGCGCCGGGAGCTCGAGGATCCCAGGATACCAAGCTTGGCTG      360
TTTTGGCGGATGAGAGAAGATTTTTCAGCCTGATACAGATTAAATCAGAACGCAGAAGCGG      420
TCTGATAAAACAGAATTTGCCTGGCGGCAGTAGCGCGGTGGTCCCACCTGACCCCATGCC      480
GAACTCAGAAGTCAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCATGCGAGAGT      540
AGGGAAGTCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTCGTT      600
TTATCTGTTGTTTGTGCGGTGAACGCTCTCCTGAGTAGGACAAATCCGCCGGGAGCGGATT      660
TGAACGTTGCGAAGCAACGGCCCCGAGGGTGGCGGGCAGGACGCCCGCCATAAACTGCCA      720
GGCATCAAATTAAGCAGAAGGCCATCCTGACGGATGGCCTTTTTGCGTTTCTACAAACTC      780
  
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AVIDITY

pAN6 AviTag™ Vector

TTTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAATAACCCTG	840
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CCTTATCCCTTTTTGCGGCATTTGCTTCTGTTTTGCTCACCCAGAAACGCTGGT	960
GAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTACATCGAACTGGATCT	1020
CAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAAGCTTTTCCAATGATGAGCAC	1080
TTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTGTTGACGCCGGGCAAGAGCAACT	1140
CGGTGCGCCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTACCAGTCACAGAAAA	1200
GCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAACCATGAGTGA	1260
TAACACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTAACCGCTTT	1320
TTTGACAACATGGGGGATCATGTAACCTGCCTTGATCGTTGGGAACCGGAGCTGAATGA	1380
AGCCATACCAAACGACGAGCGTGACACCACGATGCCTACAGCAATGGCAACAACGTTGCG	1440
CAAATACTAAGTGGCGAACTACTTACTTAGCTTCCCGGCAACAATTAATAGACTGGAT	1500
GGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTCCGGCTGGCTGGTTTAT	1560
TGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGGCC	1620
AGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCAACTATGGA	1680
TGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAACTGTC	1740
AGACCAAGTTTACTCATATATACTTTAGATTGATTTAAACTTCATTTTTAATTTAAAAG	1800
GATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAAATCCCTAACGTGAGTTTTC	1860
GTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGATCCTTTTTT	1920
TCTGCGCGTAATCTGCTGCTTCAAACAAAAAACCACCGCTACCAGCGGTGGTTTGTT	1980
GCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAAGTGGCTTACGACAGAGCGCAGAT	2040
ACCAAATACTGTCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGC	2100
ACCGCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAA	2160
GTCGTGTCTTACCGGGTTGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTGCGG	2220
CTGAACGGGGGGTTCGTGCACACAGCCAGCTTGAGCGAACGACCTACACCGAACTGAG	2280
ATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTCCCGAAGGGAGAAAGCGGACAG	2340
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CGCCTGGTATCTTTATAGTCTGTGCGGTTTCGCCACCTTACTTACTGAGCGTCGATTTTT	2460
GTGATGCTCGTCAGGGGGGCGGAGCCTATGGAAAACGCCAGCAACGCGGCCTTTTTACG	2520
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TGTGGATAACCGTATTACCGCCTTTGAGTGAGCTGATACCGCTCGCCGACCCGAACGAC	2640
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TGCCGCATAGTTAAGCCAGTATACACTCCGCTATCGCTACGTGACTGGGTCATGGCTGCG	2820
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GCTTACAGACAAGCTGTGACCGTCTCCGGGAGCTGCATGTGTGAGAGTTTTACCGTCA	2940
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CCGGTGTCTTATCAGACCGTTTTCCCGCGTGGTGAACCAGGCCAGCCACGTTTCTGCGA	3180
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GCGTGGTGGTGTGATGGTAGAACGAAGCGGCGTCAAGCCTGTAAAGCGGCGGTGCACA	3420
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CCATTGCTGTGGAAGCTGCCTGCACTAATGTTCCGGCGTTATTTCTTGATGTCTCTGACC	3540
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ATCTGGTGCATTGGGTACACAGCAAATCGCGCTGTTAGCGGGCCATTAAGTTCTGTCT	3660
CGGCGCTGCTGCGTCTGGCTGGCTGGCATAAATATCTCACTCGCAATCAAATTCAGCCGA	3720



AVIDITY

pAN6 AviTag™ Vector

TAGCGGAACGGGAAGGCGACTGGAGTGCCATGTCCGGTTTTCAACAAACCATGCAAATGC	3780
TGAATGAGGGCATCGTTCCTCCACTGCGATGCTGGTTGCCAACGATCAGATGGCGCTGGGCG	3840
CAATGCGCGCCATTACCGAGTCCGGGCTGCGCGTTGGTGCGGATATCTCGGTAGTGGGAT	3900
ACGACGATACCGAAGACAGCTCATGTTATATCCCGCCGTTAACCACCATCAAACAGGATT	3960
TTCGCCTGCTGGGGCAAACCAGCGTGGACCGCTTGCTGCAACTCTCTCAGGGCCAGGCGG	4020
TGAAGGGCAATCAGCTGTTGCCGTCTCACTGGTAAAAGAAAAACCACCCTGGCGCCA	4080
ATACGCAAACCGCCTCTCCCCGCGGTTGGCCGATTCATTAATGCAGCTGGCACGACAGG	4140
TTTCCCAGCTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTTAGCGCGAATTG	4200
ATCTG	