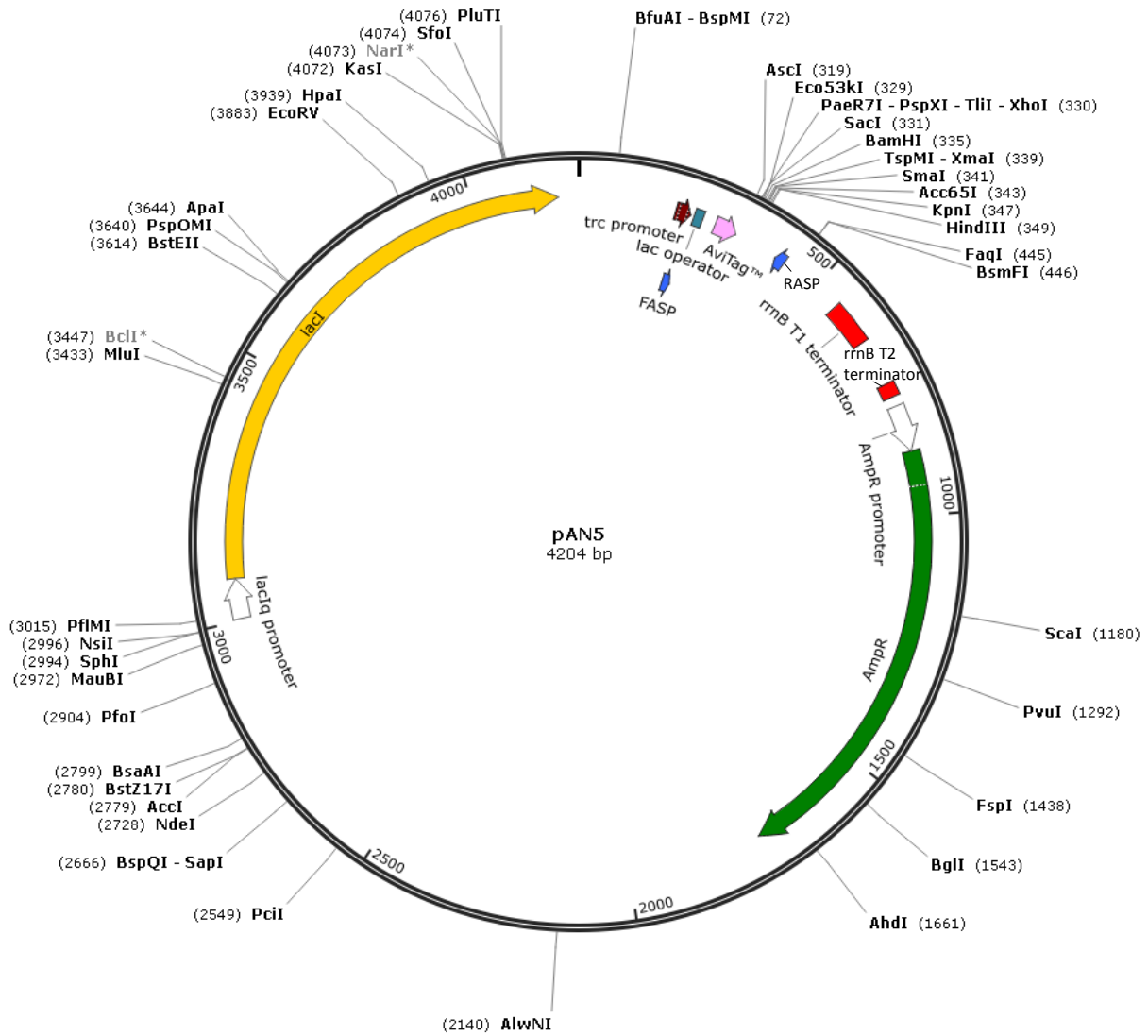
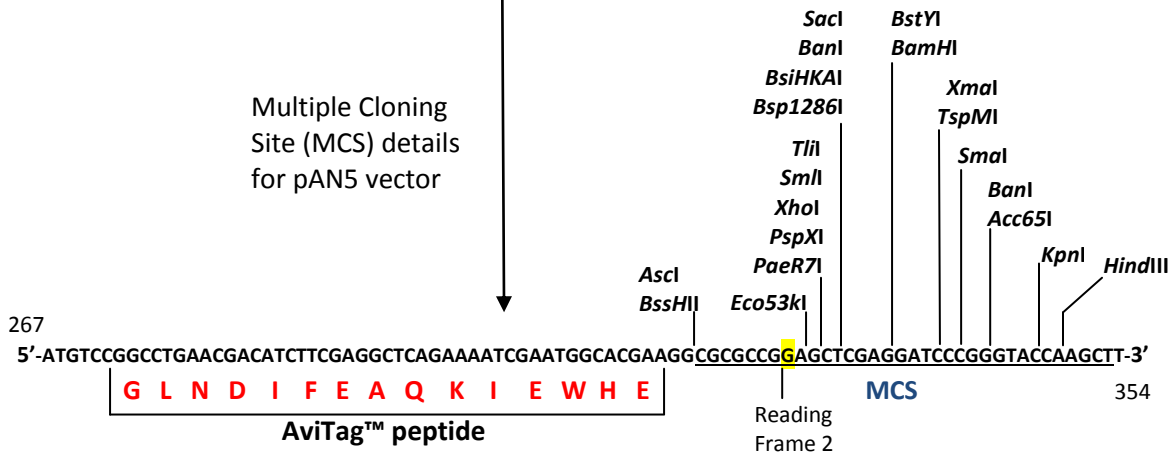




pAN5 AviTag™ Vector



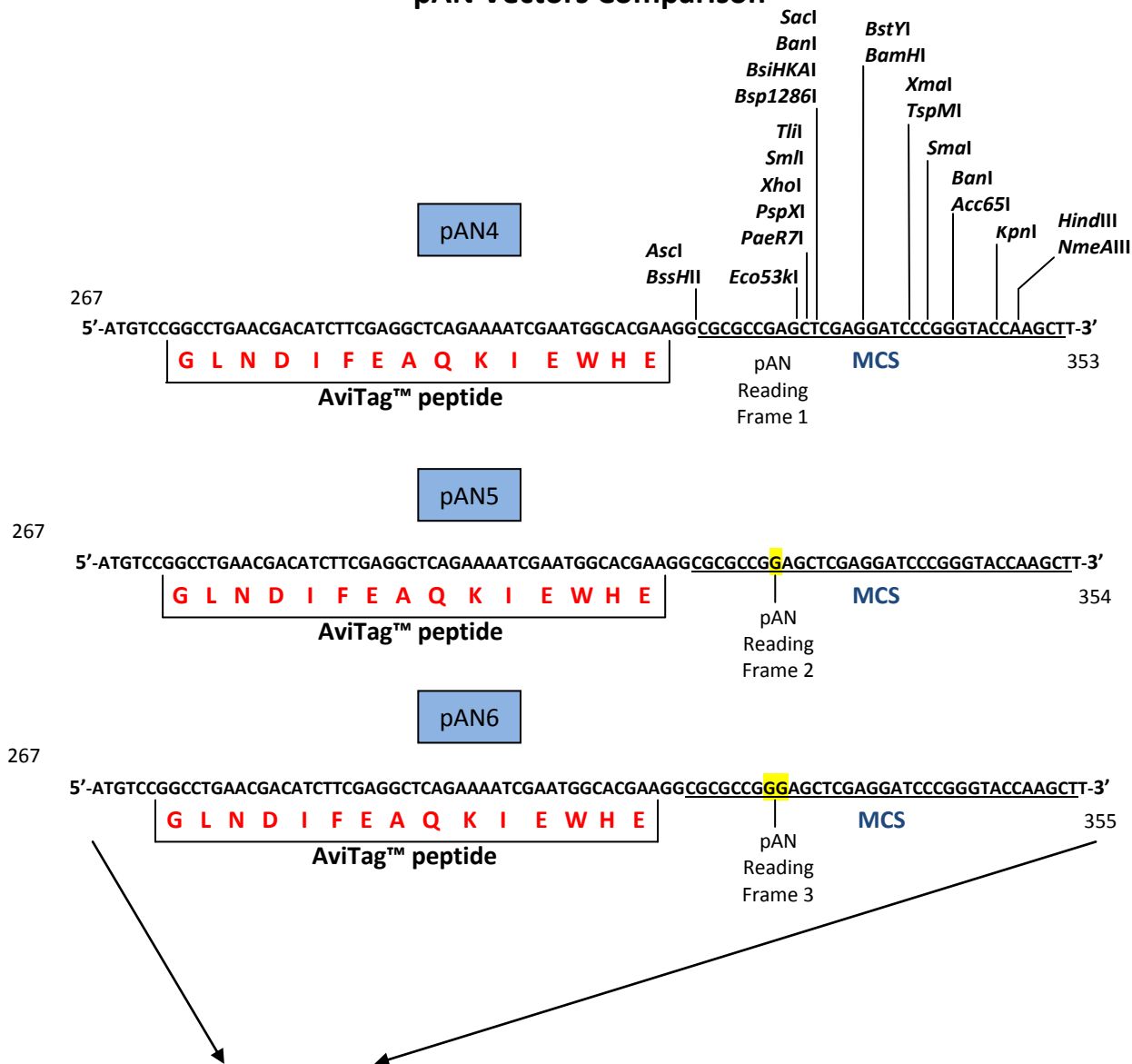
Multiple Cloning Site (MCS) details for pAN5 vector





pAN5 AviTag™ Vector

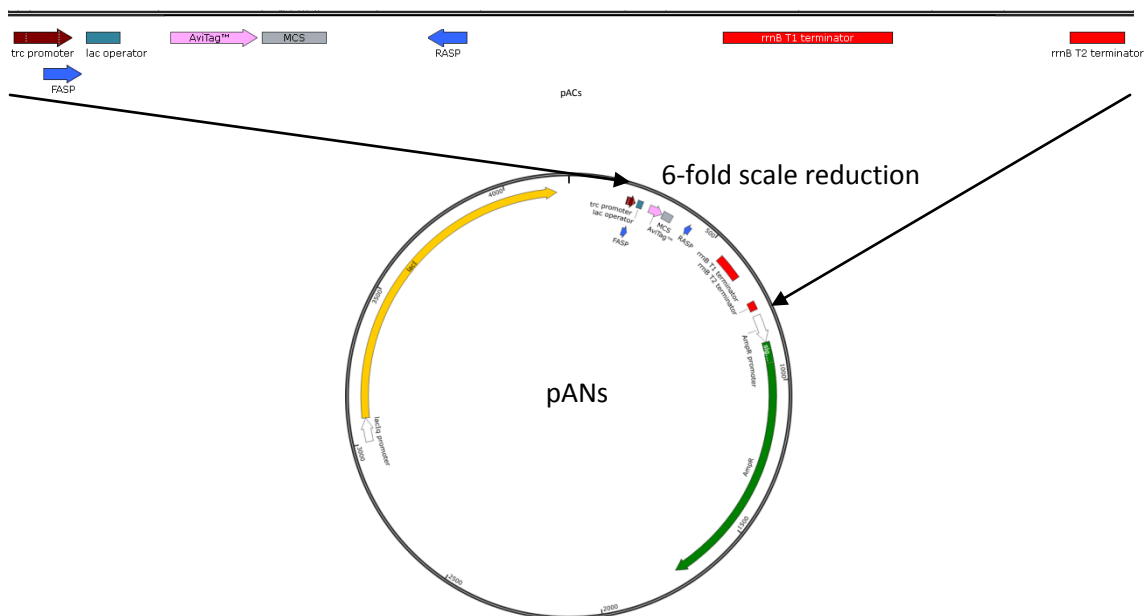
pAN Vectors Comparison





pAN5 AviTag™ Vector

8-fold scale reduction



pAN5 Nucleotide Sequence

AviTag start 268-318

Ptrc promoter start 195-214

rrnB T1 terminator start 547-590

rrnB T2 terminator start 722-749

beta-lactamase start 874-1731

lacIQ start 3074-4162

FASP primer 208-227

RASP primer 406-425 C'

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GTTTGACAGCTTATCATCGACTGCACGGTGCACCAATGCTTCTGGCGTCAGGCAGCCATC      60
GGAAGCTGTGGTATGGCTGTGCAGGTGCTAAATCACTGCATAATTCGTGTGCTCAAGGC      120
GCACTCCCCTTCTGGATAATGTTTTTTCGCGCCGACATCATAACGGTTCTGGCAAATATTC      180
TGAAATGAGCTGTTGACAATTAATCATCCGGCTCGTATAATGTGTGGAATTGTGAGCGGA      240
TAACAATTTACACAGGAAACAGACCATGTCCGGCCTGAACGACATCTTCGAGGCTCAGA      300
AAATCGAATGGCACGAAGGCGCGCCGGAGCTCGAGGATCCCGGGTACCAAGCTTGGCTGT      360
TTTGGCGGATGAGAGAAGATTTTCAGCCTGATACAGATTAATCAGAACGCAGAAGCGGT      420
CTGATAAAACAGAAATTTGCCTGGCGGCAGTAGCGCGTGGTCCCACCTGACCCCATGCCG      480
AACTCAGAAGTGAAACGCCGTAGCGCCGATGGTAGTGTGGGGTCTCCCCATGCGAGAGTA      540
GGGAAGTCCAGGCATCAAATAAAACGAAAGGCTCAGTCGAAAGACTGGGCCTTTTCGTTT      600
TATCTGTTGTTTGTGCGGTGAACGCTCTCCTGAGTAGGACAAATCCGCCGGGAGCGGATTT      660
GAACGTTGCGAAGCAACGGCCCGGAGGGTGGCGGGCAGGACGCCCGCCATAAACTGCCAG      720
GCATCAAATTAAGCAGAAGGCCATCCTGACGGATGGCCTTTTTGCGTTTCTACAACTCT      780
TTTTGTTTATTTTTCTAAATACATTCAATATGTATCCGCTCATGAGACAATAACCCTGA      840

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AVIDITY

pAN5 AviTag™ Vector

TAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTCAACATTTCCGTGTGCGC	900
CTTATTCCTTTTTTGC GG CATTTCCTTCTGTTTTGCTCACCCAGAAACGCTGGTG	960
AAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTACATCGAACTGGATCTC	1020
AACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCCAATGATGAGCACT	1080
TTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCCTGTTGACGCCGGGCAAGAGCAACTC	1140
GGTGC CGC CATACTATTCTCAGAATGACTTGGTTGAGTACTACCAGTCACAGAAAAG	1200
CATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAACCATGAGTGAT	1260
AACACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTAACCCTTTT	1320
TTGCACAACATGGGGGATCATGTAACCTCGCCTTGATCGTTGGGAACCGGAGCTGAATGAA	1380
GCCATACCAAACGACGAGCGTGACACCACGATGCCTACAGCAATGGCAACAACGTTGCGC	1440
AAACTATTAACCTGGCGAACTACTTACTCTAGCTTCCCGCAACAATTAAGACTGGATG	1500
GAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTCCGGCTGGCTGGTTATT	1560
GCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGGCCA	1620
GATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCAACTATGGAT	1680
GAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAACTGTCA	1740
GACCAAGTTTACTCATATATACTTTAGATTGATTTAAAACCTCATTTTTAATTTAAAAGG	1800
ATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAATCCCTTAACGTGAGTTTTCG	1860
TTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGATCCTTTTTTT	1920
CTGCGCGTAATCTGCTGCTTGCAAACAAAAAACCCCGCTACCAGCGGTGGTTTGTTTG	1980
CCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAACGGCTTCAGCAGAGCGCAGATA	2040
CCAAATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCA	2100
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GCCTGGTATCTTTATAGTCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTG	2460
TGATGCTCGTCAGGGGGGCGGAGCCTATGAAAAACGCCAGCAACGCGGCCTTTTTACGG	2520
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GTGGATAACCGTATTACCGCCTTTGAGTGAGCTGATACCGCTCGCCGAGCCGAACGACC	2640
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ACGCATCTGTGCGGTATTTACACCCGCATATGGTGCACCTCAGTACAATCTGCTCTGAT	2760
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CCCGACACCCGCCAACACCCGCTGACGCGCCCTGACGGGCTTGCTGCTCCCGGCATCCG	2880
CTTACAGACAAGCTGTGACCGTCTCCGGGAGCTGCATGTGTGAGAGTTTTACCGTCAT	2940
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GAGTCAATTCAGGGTGGTGAATGTGAAACAGTAACGTTATACGATGTCGCAGAGTATGC	3120
CGGTGTCTCTTATCAGACCGTTTTCCCGCGTGGTGAACCAGGCCAGCCACGTTTCTGCGAA	3180
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GGCGGTCTGCGTCTGGCTGGCTGGCATAAATATCTCACTCGCAATCAAATTCAGCCGAT	3720
AGCGGAACGGGAAGGCGACTGGAGTGCCATGTCCGGTTTTCAACAAACCATGCAAATGCT	3780
GAATGAGGGCATCGTTCCCACTGCGATGCTGGTTGCCAACGATCAGATGGCGCTGGGCGC	3840



AVIDITY

pAN5 AviTag™ Vector

AATGCGCGCCATTACCGAGTCCGGGCTGCGCGTTGGTGCGGATATCTCGGTAGTGGGATA	3900
CGACGATACCGAAGACAGCTCATGTTATATCCC GCCGTTAACCACCATCAAACAGGATTT	3960
TCGCCTGCTGGGGCAAACCAGCGTGGACCGCTTGCTGCAACTCTCTCAGGGCCAGGCGGT	4020
GAAGGGCAATCAGCTGTTGCCCGTCTCACTGGTGAAAAGAAAAACCACCCTGGCGCCCAA	4080
TACGCAAACCGCCTCTCCCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACGACAGGT	4140
TTCCCGACTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTTAGCGCGAATTGA	4200
TCTG	