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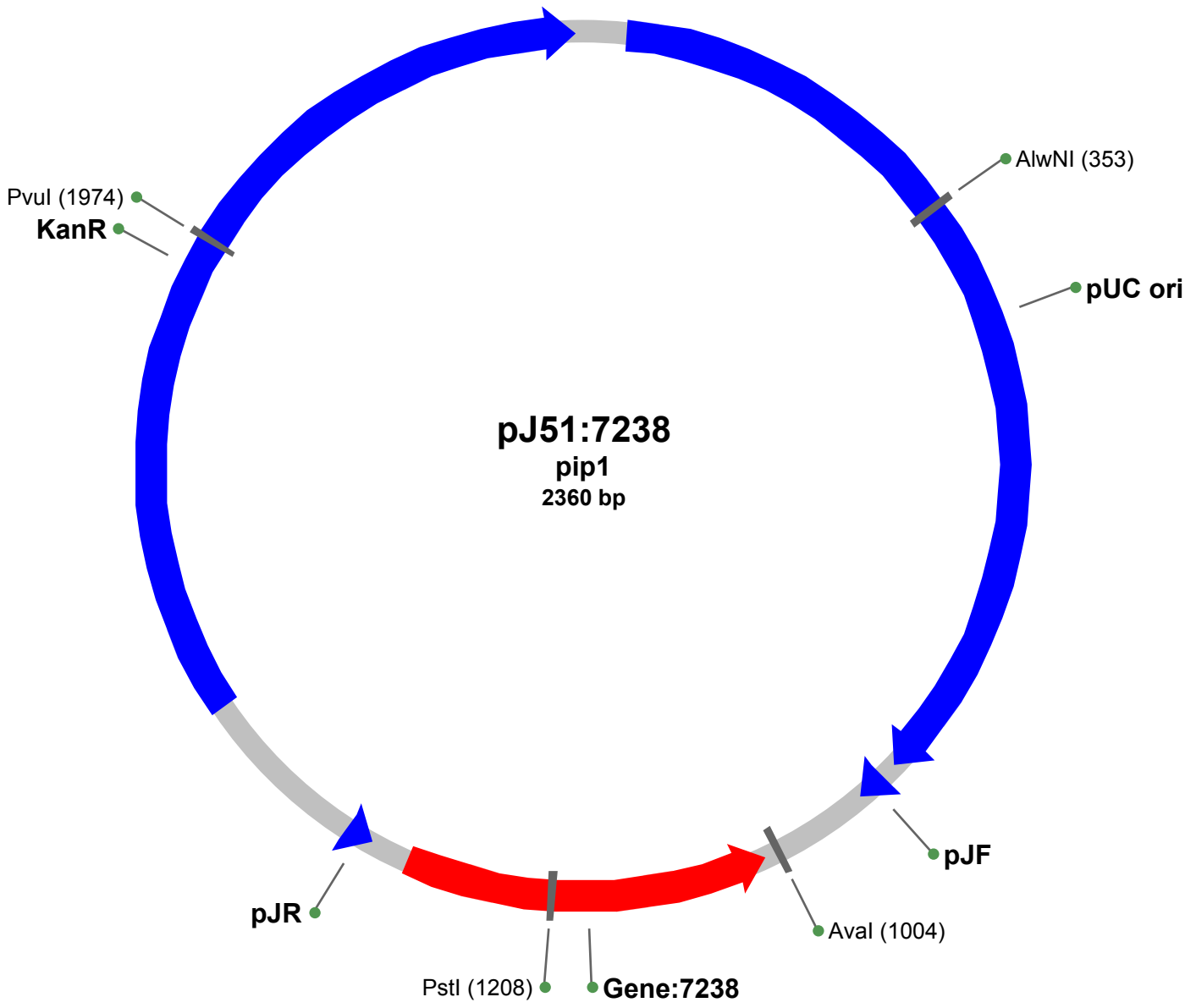
Plasmid Map

pJ51:7238 - pip1

Only single cutters are shown in the map, for a more complete list see table below.



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Feature Map

- Gene:7238 - Start:1019 End:1342 (Complementary)
- pUC ori - Start:39 End:880
- pJF - Start:894 End:919
- pJR - Start:1375 End:1399 (Complementary)
- KanR - Start:1553 End:2359

Restriction Map

Name	Sequence	Cut Positions
AlwNI	CAGNNNCTG	359
ApaLI	GTGCAC	454,1140
AvaI	CYCGRG	1005
PstI	CTGCAG	1213
PvuI	CGATCG	1978

No Cuts: AgeI, AscI, AvrII, BamHI, BbsI, BglI, BglII, BsaI, BsmBI, BstBI, ClaI, EagI, EcoRI, EcoRV, HindIII, HpaI, KpnI, MluI, NcoI, NdeI, NheI, NotI, PacI, PvuII, SacI, SacII, SalI, SfiI, SnaBI, SpeI, SphI, XbaI, XhoI, XmaI

Sequence

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   1 AAGCAGAGCA TTACGCTGAC TTGACGGGAC GGCGCAAGCT CATGACCAAA ATCCCTTAAC GTGAGTTACG
  71 CGCGCGTCGT TCCACTGAGC GTCAGACCCC GTAGAAAAGA TCAAAGGATC TTCTTGAGAT CCTTTTTTTC
 141 TGCGCGTAAT CTGCTGCTTG CAAACAAAAA AACCACCGCT ACCAGCGGTG GTTTGTTTGC CGGATCAAGA
 211 GCTACCAACT CTTTTTCCGA AGGTAACTGG CTTCAGCAGA GCGCAGATAC CAAATACTGT TCTTCTAGTG
 281 TAGCCGTAGT TAGCCCACCA CTTCAAGAAC TCTGTAGCAC CGCCTACATA CCTCGCTCTG CTAATCCTGT
 351 TACCAGTGGC TGCTGCCAGT GGCGATAAGT CGTGTCTTAC CGGGTTGGAC TCAAGACGAT AGTTACCGGA
 421 TAAGGCGCAG CGGTCGGGCT GAACGGGGGG TTCGTGCACA CAGCCCAGCT TGGAGCGAAC GACCTACACC
 491 GAACTGAGAT ACCTACAGCG TGAGCTATGA GAAAGCGCCA CGCTTCCCGA AGGGAGAAAG GCGGACAGGT
 561 ATCCGGTAAG CGGCAGGGTC GGAACAGGAG AGCGCACGAG GGAGCTTCCA GGGGGAAACG CCTGGTATCT
 631 TTATAGTCCT GTCGGGTTTC GCCACCTCTG ACTTGAGCGT CGATTTTTGT GATGCTCGTC AGGGGGGCGG
 701 AGCCTATGGA AAAACGCCAG CAACGCGGCC TTTTTACGGT TCCTGGCCTT TTGCTGGCCT TTTGCTCACA
 771 TGTTCTTTCC TGCGTTATCC CCTGATTCTG TGGATAACCG TATTACCGCC TTTGAGTGAG CTGATACCGC
 841 TCGCCGCAGC CGAACGACCG AGCGCAGCGA GTCAGTGAGC GAGGAAGCGG AAGGCGAGAG TAGGGAACTG
 911 CCAGGCATCA AACTAAGCAG AAGGCCCCTG ACGGATGGCC TTTTTGCGTT TCTACAAACT CTTTCTGTGT
 981 TGTAAAACGA CGGCCAGTCT TAAGCTCGGG CCCCTTTTTT AATGACCATA ACGTTGGAAC TCCCATTCAC
1051 GATTGTCCAA AGGACAAACA TTCCTAGTGT TTAACCATCT TGAGATGCAG TGAAAGTGAA ATGCATGATT
1121 ACAAGTTCCC CATGCCACTG TGCACTCTTG AGCAGCAGCA GAATCGGTGT TAGCTTGACA CTCAATACAT
1191 AAGTCCATAA TATGATTTCT GCAGATAGCA CAGTTATCTA CAACAATGTC CCATTGCCAT AATGCTACAG
1261 CATTCCACTT TTTAATTTCA AATCGAGGAG GTTTTTGTTC AATTTCCACC TCCTTCTTGT CTATTTGCAT
1331 TTCATCTTCC ATCCCCGACG AGCTTCATGC CGTTAGTCGC ACTGCAAGGG GTGTTATGAG CCATATTCAG
1401 GTATAAATGG GCTCGCGATA ATGTTCAGAA TTGGTTAATT GGTTGTAACA CTGACCCCTA TTTGTTTATT
1471 TTTCTAAATA CATTCAAATA TGTATCCGCT CATGAGACAA TAACCCTGAT AAATGCTTCA ATAATATTGA
1541 AAAAGGAAGA ATATGAGCCA TATTCAACGG GAAACGTCGA GGCCGCGATT AAATTCCAAC ATGGATGCTG
1611 ATTTATATGG GTATAAATGG GCTCGCGATA ATGTCGGGCA ATCAGGTGCG ACAATCTATC GCTTGTATGG
1681 GAAGCCCGAT GCGCCAGAGT TGTTTCTGAA ACATGGCAAA GGTAGCGTTG CCAATGATGT TACAGATGAG
1751 ATGGTCAGAC TAAACTGGCT GACGGAATTT ATGCCACTTC CGACCATCAA GCATTTTATC CGTACTCCTG
1821 ATGATGCATG GTTACTCACC ACTGCGATCC CCGGAAAAAC AGCGTTCCAG GTATTAGAAG AATATCCTGA
1891 TTCAGGTGAA AATATTGTTG ATGCGCTGGC AGTGTTCCTG CGCCGGTTGC ACTCGATTCC TGTTTGTAAT
1961 TGTCCTTTTA ACAGCGATCG CGTATTTCGC CTCGCTCAGG CGCAATCACG AATGAATAAC GGTTTGGTTG
2031 ATGCGAGTGA TTTTGATGAC GAGCGTAATG GCTGGCCTGT TGAACAAGTC TGGAAAGAAA TGCATAAACT
2101 TTTGCCATTC TCACCGGATT CAGTCGTCAC TCATGGTGAT TTCTCACTTG ATAACCTTAT TTTTGACGAG
2171 GGGAAATTAA TAGGTTGTAT TGATGTTGGA CGAGTCGGAA TCGCAGACCG ATACCAGGAT CTTGCCATCC
2241 TATGGAACTG CCTCGGTGAG TTTTCTCCTT CATTACAGAA ACGGCTTTTT CAAAAATATG GTATTGATAA
2311 TCCTGATATG AATAAATTGC AGTTTCATTT GATGCTCGAT GAGTTTTTCT
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Only the synthesized DNA fragment (in red) has been sequence verified. We do not guarantee the vector sequence.

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