

Sem mutação:

ctctgcgtcgaaatgtcaaggaaagttgcaagtctgtgattttgtgtttggtttttgcatgttgcttctatggaaaaacaaaacaaca  
acagcagacctccctgccc aaagtgttaaaatgcctcctcataacctgagacttactttcattttctagGTGCTGGAGAATCTG  
GTAAAAGCACCATTTGTGAAGCAGATGAGGATCCTGCATGTTAATGGGTTTAATGGAGAgtaagtgtcaa  
atctgtgcagggggcaccaagtaagaggaacagactttatactaaccttttaggaagtataggtgggctttgggggctgggcagcca  
gttttcacttaatttttctgatttcatattagaaaatcctgggaagggtctttaggtccctcacc

Name	Sequence	Site Length	Overhang	Frequency	Cut Positions						
BsaBI	GATNNNNATC	6	blunt	1	200	BseMII	CTCAG	5	three_prime	1	126
OhiI	CACNNNGTG	6	blunt	1	185	BseRI	GAGGAG	6	three_prime	1	115
AvaII	GGWCC	5	five_prime	1	386	BseSI	GKGCMC	6	three_prime	1	258
BamHI	GGATCC	6	five_prime	1	201	BsgI	GTGCAG	6	three_prime	1	268
BbvI	GCAGC	5	five_prime	1	334	BsrI	ACTGG	5	three_prime	1	326
BseYI	CCCAGC	6	five_prime	1	317	Eco57MI	CTGRAG	6	three_prime	1	183
BsmAI	GTCTC	5	five_prime	1	131	GsuI	CTGGAG	6	three_prime	1	183
DraII	RGGNCCY	6	five_prime	1	386	HphI	GGTGA	5	three_prime	1	384
EcoP15I	CAGCAG	6	five_prime	1	121	Hpy99I	CGWCG	5	three_prime	1	10
EcoRII	CCWGG	5	five_prime	1	367	TspDTI	ATGAA	5	three_prime	1	137
PpuMI	RGGWCCY	7	five_prime	1	386	MslI	CAYNNNNRTG	6	blunt	2	185, 213
SanDI	GGGWCCC	7	five_prime	1	386	BsaXI	ACNNNNNCTCC	6	three_prime	2	219, 249
TfiI	GAWTC	5	five_prime	1	167	Hin4I	GAYNNNNNVTC	6	three_prime	2	221, 253
TseI	GCWGC	5	five_prime	1	322	NspI	RCATGY	6	three_prime	2	62, 212
XhoII	RGATCY	6	five_prime	1	201	SduI	GDGCHC	6	three_prime	2	258, 380
						TstI	CACNNNNNTCC	6	three_prime	2	219, 251

Com mutação:

ctctgcgtcgaaatgtcaaggaaagttgcaagtctgtgattttgtgtttggtttttgcatgttgcttctatggaaaaacaaaacaaca  
acagcagacctccctgccc aaagtgttaaaatgcctcctcataacctgagacttactttcattttctagGTGCTGGAGAATCTG  
GTAAAAGCACCATTTGTGAAGCAGGTGAGGATCCTGCATGTTAATGGGTTTAATGGAGAgtaagtgtcaa  
atctgtgcagggggcaccaagtaagaggaacagactttatactaaccttttaggaagtataggtgggctttgggggctgggcagcca  
gttttcacttaatttttctgatttcatattagaaaatcctgggaagggtctttaggtccctcacc

Name	Sequence	Site Length	Overhang	Frequency	Cut Positions						
OhiI	CACNNNGTG	6	blunt	1	185	BseSI	GKGCMC	6	three_prime	1	258
PvuII	CAGCTG	6	blunt	1	196	BsgI	GTGCAG	6	three_prime	1	268
AvaII	GGWCC	5	five_prime	1	386	BsrI	ACTGG	5	three_prime	1	326
BamHI	GGATCC	6	five_prime	1	201	Eco57MI	CTGRAG	6	three_prime	1	183
BbvCI	CCTCAGC	7	five_prime	1	197	GsuI	CTGGAG	6	three_prime	1	183
Bpu10I	CCTNAGC	6	five_prime	1	197	HphI	GGTGA	5	three_prime	1	384
BseYI	CCCAGC	6	five_prime	1	317	Hpy99I	CGWCG	5	three_prime	1	10
BsmAI	GTCTC	5	five_prime	1	131	TspDTI	ATGAA	5	three_prime	1	137
DraII	RGGNCCY	6	five_prime	1	386	MslI	CAYNNNNRTG	6	blunt	2	185, 213
EcoP15I	CAGCAG	6	five_prime	1	121	BbvI	GCAGC	5	five_prime	2	205, 334
EcoRII	CCWGG	5	five_prime	1	367	TseI	GCWGC	5	five_prime	2	193, 322
PpuMI	RGGWCCY	7	five_prime	1	386	BsaXI	ACNNNNNCTCC	6	three_prime	2	219, 249
SanDI	GGGWCCC	7	five_prime	1	386	BseMII	CTCAG	5	three_prime	2	126, 188
TfiI	GAWTC	5	five_prime	1	167	Hin4I	GAYNNNNNVTC	6	three_prime	2	221, 253
XhoII	RGATCY	6	five_prime	1	201	NspI	RCATGY	6	three_prime	2	62, 212
BseRI	GAGGAG	6	three_prime	1	115	SduI	GDGCHC	6	three_prime	2	258, 380
						TstI	CACNNNNNTCC	6	three_prime	2	219, 251