

pAdTrace361 Full-Length Sequence

TGAAAGACCCCACTGTAGGTTTGGCAAGCTAGCTTAAAGTAAACGCCATTTTGGCAAGGCATGGAAAATACATAACTGAGAATAGAGAAGTTAGAT
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 CCGGTGATCCCGCCACGATGCGTCCGGCGTAGAGGCGATTAGTCCAATTTGTTAAAGACAGGATATCAGTGGTCCAGGCTCTAGTTTTGACTC
 AACAAATACACCAGCTGAAGCCTATAGAGTACGAGCCATAGATAAAAATAAAAGATTTTATTTAGTCTCCAGAAAAGGGGGAA

Zero Cutters in pAdTrace361

#	Enzyme	Specificity
1	AgeI	A CCGG▲T
2	AleI	CACNN▲NNGTG
3	AsiSI	GCG▲AT CGC
4	BclI	T GATC▲A
5	BfuAI	ACCTGCNNNN NNNN▲
6	BlpI	GC TNA▲GC
7	BmgBI	CAC▲GTC
8	BsmI	GAATG▲CN
9	BspEI	T CCGG▲A
10	BspMI	ACCTGCNNNN NNNN▲
11	BstBI	TT CG▲AA
12	BstXI	CCAN▲NNNN NTGG
13	BstZ17I	GTA▲TAC
14	BtgZI	GCGATG (N) ₁₀ NNNN▲
15	DraIII	CAC▲NNN GTG
16	FseI	GG▲CCGG CC
17	HindIII	A AGCT▲T
18	HpaI	GTT▲AAC
19	MfeI	C AATT▲G
20	NotI	GC GGCC▲GC
21	NsiI	A▲TGCA T
22	PflMI	CCAN▲NNN NTGG
23	PmlI	CAC▲GTG
24	PspXI	VC TCGA▲GB
25	RsrII	CG GWC▲CG
26	SacII	CC▲GC GG
27	SbfI	CC▲TGCA GG
28	SfiI	GGCCN▲NNN NGGCC
29	SnaBI	TAC▲GTA
30	SrfI	GCCC▲GGGC
31	StuI	AGG▲CCT
32	SwaI	ATTT▲AAAT
33	XcmI	CCANNNN▲N NNNNTGG

One-Cutters in pAdTrace361

#	Enzyme	Specificity	Sites & flanks	Cut positions (blunt - 5' ext. - 3' ext.)
1	AccI	GT MK▲AC	list	*3065/3067
2	AvrII	C CTAG▲G	list	3297/3301
3	BamHI	G GATC▲C	list	2090/2094

4	BbsI	GAAGACNN NNNN▲	list	1497/1501
5	BglII	A GATC▲T	list	2574/2578
6	BsaBI	GATNN▲NNATC	list	*#1710
7	BsgI	GTGCAG (N) ₁₄ ▲NN	list	1599/1597
8	BsiWI	C GTAC▲G	list	*2315/2319
9	BspDI	AT CG▲AT	list	*2097/2099
10	BsrGI	T GTAC▲A	list	1281/1285
11	BstEII	G GTNAC▲C	list	1086/1091
12	ClaI	AT CG▲AT	list	*2097/2099
13	CspCI	▲NN (N) ₁₁ CAA (N) ₅ GTGG (N) ₁₀ ▲NN	list	1429/1427+1464/1462
14	HincII	GTY▲RAC	list	*3066
15	MluI	A CGCG▲T	list	*3058/3062
16	NcoI	C CATG▲G	list	1410/1414
17	NruI	TCG▲CGA	list	*#1643
18	PacI	TTA▲AT TAA	list	3354/3352
19	Paer7I	C TCGA▲G	list	*2580/2584
20	PciI	A CATG▲T	list	4426/4430
21	PmeI	GTTT▲AAAC	list	1814
22	PshAI	GACNN▲NNGTC	list	*3061
23	SalI	G TCGA▲C	list	*3064/3068
24	ScaI	AGT▲ACT	list	5799
25	SexAI	A CCWGG▲T	list	#1214/1219
26	SgrAI	CR CCGG▲YG	list	*6862/6866
27	SpeI	A CTAG▲T	list	659/663
28	SphI	G▲CATG C	list	6714/6710
29	XhoI	C TCGA▲G	list	*2580/2584