

pSEB67D Vector Sequence

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 GATTTTATTTAGTCTCCAGAAAAAGGGGGAA

Zero-Cutters

#	Enzyme	Specificity
1	<i>AgeI</i>	A [▼] CCGG [▲] T
2	<i>AleI</i>	CACNN [▼] NNGTG
3	<i>ApaI</i>	G [▲] GGCC [▼] C
4	<i>AsiSI</i>	GCG [▲] AT [▼] CGC
5	<i>AvrII</i>	C [▼] CTAG [▲] G
6	<i>BamHI</i>	G [▼] GATC [▲] C
7	<i>BclI</i>	T [▼] GATC [▲] A
8	<i>BfuAI</i>	ACCTGCNNNN [▼] NNNN [▲]
9	<i>BglII</i>	A [▼] GATC [▲] T
10	<i>BlpI</i>	GC [▼] TNA [▲] GC
11	<i>BsmI</i>	GAATG [▼] CN [▲]
12	<i>BspMI</i>	ACCTGCNNNN [▼] NNNN [▲]
13	<i>BstBI</i>	TT [▼] CG [▲] AA
14	<i>BtgZI</i>	GCGATG(N) ₁₀ [▼] NNNN [▲]
15	<i>DrallI</i>	CAC [▲] NNN [▼] GTG
16	<i>FseI</i>	GG [▲] CCGG [▼] CC
17	<i>HpaI</i>	GTT [▼] AAC
18	<i>MfeI</i>	C [▼] AATT [▲] G

19	<i>NotI</i>	GC [▼] GGCC [▲] GC
20	<i>NsiI</i>	A [▲] TGCA [▼] T
21	<i>PaeR7I</i>	C [▼] TCGA [▲] G
22	<i>PfI</i>	CCAN [▲] NNN [▼] NTGG
23	<i>PmlI</i>	CAC [▼] GTG
24	<i>PshAI</i>	GACNN [▼] NNGTC
25	<i>PsiI</i>	TTA [▼] TAA
26	<i>PspOMI</i>	G [▼] GGCC [▲] C
27	<i>PspXI</i>	VC [▼] TCGA [▲] GB
28	<i>RsrII</i>	CG [▼] GWC [▲] CG
29	<i>SacII</i>	CC [▲] GC [▼] GG
30	<i>Sall</i>	G [▼] TCGA [▲] C
31	<i>SbfI</i>	CC [▲] TGCA [▼] GG
32	<i>SfiI</i>	GGCCN [▲] NNN [▼] NGGCC
33	<i>SnaBI</i>	TAC [▼] GTA
34	<i>StuI</i>	AGG [▼] CCT
35	<i>Swal</i>	ATTT [▼] AAAT
36	<i>XcmI</i>	CCANNNN [▲] N [▼] NNNNTGG
37	<i>XhoI</i>	C [▼] TCGA [▲] G

One-Cutters

#	Enzyme	Specificity	Sites & flanks	Cut positions (blunt - 5' ext. - 3' ext.)
1	BbsI	GAAGACNN NNNN \blacktriangle	list	1496/1500
2	BmgBI	CAC \blacktriangle GTC	list	*2507
3	BsaAI	YAC \blacktriangle GTR	list	*1967
4	BsgI	GTGAG(N) ₁₄ \blacktriangle NN	list	1598/1596
5	BsiWI	C GTAC \blacktriangle G	list	*2960/2964
6	BspDI	AT CG \blacktriangle AT	list	*1819/1821
7	BspEI	T CCGG \blacktriangle A	list	*#1835/1839
8	BstEII	G GTNAC \blacktriangle C	list	1086/1091
9	BstXI	CCAN \blacktriangle NNNN NTGG	list	2590/2586
10	BstZ17I	GTA \blacktriangle TAC	list	2137
11	Clal	AT CG \blacktriangle AT	list	*1819/1821
12	CspCI	\blacktriangle NN (N) ₁₁ CAA(N) ₅ GTGG(N) ₁ 0 \blacktriangle NN	list	1428/1426+1463/1461
13	EcoRI	G AATT \blacktriangle C	list	2096/2100
14	HindIII	A AGCT \blacktriangle T	list	2740/2744

15	MluI	A \blacktriangledown CCGG \blacktriangle T	list	*2979/2983
16	NcoI	C \blacktriangledown CATG \blacktriangle G	list	1409/1413
17	NruI	TCG \blacktriangle CGA	list	*#1642
18	PciI	A \blacktriangledown CATG \blacktriangle T	list	4061/4065
19	PmeI	GTTT \blacktriangle AAAC	list	1813
20	Scal	AGT \blacktriangle ACT	list	5434
21	SexAI	A \blacktriangledown CCWGG \blacktriangle T	list	#1214/1219
22	SgrAI	CR \blacktriangledown CCGG \blacktriangle YG	list	*6497/6501
23	SpeI	A \blacktriangledown CTAG \blacktriangle T	list	659/663
24	SphI	G \blacktriangle CATG \blacktriangledown C	list	6349/6345
25	SrfI	GCCC \blacktriangle GGGC	list	*2473