



WatCut: An on-line tool for restriction analysis, silent mutation scanning, and SNP-RFLP analysis



[Restriction analysis](#) |
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Results of silent mutation scan
Oligo: S101L
Enzymes: All
Bases: 36
GC content: 58%
T_m: 70 °C
DNA / protein sequence:

```

GG AAC GGC TAC ATC CTC GCT GCT CAG TTA CGT CAC G
-- Asn Gly Tyr Ile Leu Ala Ala Gln Leu Arg His -
    
```

Show mutations: From to Sort by [Print version](#)

Save checked enzymes as new set: [Check all](#) [Uncheck all](#)

Enzyme	Site / mutations:	Base changes	T _m template, °C	T _m self, °C
<input type="checkbox"/> AccBSI	GGAACGGCTACATCCTCGC <u>C</u> GCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/> AccII	GGAACGGCTACATCCTC <u>CGC</u> GCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/> AluI	GGAACGGCTACATCCT <u>AGCT</u> GCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/> AluI	GGAACGGCTACATCCTCGC <u>AGCT</u> CAGTTACGTCACG	1	67	70
<input type="checkbox"/> AluI	GGAACGGCTACATCCTCGCTGCTC <u>AGC</u> TACGTCACG	1	69	71
<input type="checkbox"/> BbvI	GGAACGGCTACATCCTC <u>GCTGCT</u> CAGTTACGTCACG	0	70	70
<input type="checkbox"/> BbvI	GGAACGGCTACATCCTC <u>GCAGCT</u> CAGTTACGTCACG	1	67	70
<input type="checkbox"/> BceAI	GGAACGGCTACATCCTCGCTGCTCAGTT <u>ACGG</u> CACG	1	69	71
<input type="checkbox"/> BceAI	GGA <u>ACGGCT</u> TACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/> BfuI	GGAAC <u>GGAT</u> ACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/> BmuI	GGAACGGCTACATCCTCGCTG <u>CC</u> CAGTTACGTCACG	1	69	71
<input type="checkbox"/> Bpu1102I	GGAACGGCTACATCCTCGCTGCTCAG <u>C</u> TACGTCACG	1	69	71
<input type="checkbox"/> BseII	GGAACGGCTACATCCTCGCTG <u>CC</u> CAGTTACGTCACG	1	69	71
<input type="checkbox"/> BseMII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/> BsgI	GGAACGGCTACATCCTCGCTG <u>CAC</u> AGTTACGTCACG	1	67	70

<input type="checkbox"/>	BspCNI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	Bst4CI	GGAACGGCTACATCCTCGCTGCACAGTTACGTCACG	1	67	70
<input type="checkbox"/>	Bst4CI	GGAACGGTTACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	BstF5I	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	BstSCI	GGAACGGCTACATCCTGGCTGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	Csp6I	GGAACGGGTACATCCTCGCTGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	CviAII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCATG	1	66	69
<input type="checkbox"/>	CviJI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	CviJI	GGAACGGCTACATCCTCGCTGCTCAGCTACGTCACG	1	69	71
<input type="checkbox"/>	CviJI	GGAACGGCTACATCCTAGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	CviJI	GGAACGGCTACATCCTCGCAGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	DdeI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	EcoRII	GGAACGGCTACATCCTGGCTGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	FatI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCATG	1	66	69
<input type="checkbox"/>	FokI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	FspBI	GGAACGGCTACATCCTAGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	FspI	GGAACGGCTACATCCTCGCTGCGCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	HgaI	GGAACGGCTACATCCTCGCTGCTCAGTTGCGTCACG	1	69	71
<input type="checkbox"/>	HhaI	GGAACGGCTACATCCTCGCTGCGCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	Hin4I	GGAACGGATACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	HpyCH4V	GGAACGGCTACATCCTCGCTGCAACAGTTACGTCACG	1	67	70
<input type="checkbox"/>	HspAI	GGAACGGCTACATCCTCGCTGCGCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	MaeII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	MaeIII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	MaeIII	GGAACGGTTACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	MaeIII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	MnII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	MvaI	GGAACGGCTACATCCTGGCTGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	NlaIII	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCATG	1	66	69
<input type="checkbox"/>	RsaI	GGAACGGGTACATCCTCGCTGCTCAGTTACGTCACG	1	67	70

<input type="checkbox"/>	SafI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	ScrFI	GGAACGGCTACATCCTGGCTGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	Sse9I	GGAACGGCTACATCCTCGCTGCTCAATTACGTCACG	1	66	69
<input type="checkbox"/>	SsiI	GGAACGGCTACATCCTCGCGCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	SsiI	GGAACGGCTACATCCTCGCGGCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	TatI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	TauI	GGAACGGCTACATCCTCGCGCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	TseI	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	TsoI	GGAA ^T GGCTACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	Tsp45I	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	TspGWI	GGAACGGA ^A TACATCCTCGCTGCTCAGTTACGTCACG	1	66	69

Site created and maintained by [Michael Palmer](#), University of Waterloo, Ontario, Canada. Use at own risk - no liability for any hot coffee you spill while your computer crashes. Questions / Problems? Please [Email me](#). Found this site useful? Please link to it!

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