

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

[Restriction analysis](#) | 
 [Silent mutation analysis](#) | 
 [SNP-RFLP analysis](#) | 
 [Select enzymes](#) | 
 [Preferences](#) | 
 [Help](#)

<b>Results of silent mutation scan</b>	<b>Oligo: S101L</b>	<b>Enzymes: All</b>		
<b>Bases: 36</b>	<b>GC content: 58%</b>	<b>T<sub>m</sub>: 70 °C</b>		
<b>DNA / protein sequence:</b>	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 <input type="text" value="0"/> to <input type="text" value="1"/> Sort by <input type="text" value="enzyme"/> <input type="button" value="Update page"/> <a href="#">Print version</a>				
Save checked enzymes as new set: <input type="text"/> <input type="button" value="S:"/> <a href="#">Check all</a> <a href="#">Uncheck all</a>				
Enzyme	Site / <span style="color: red;">mutations</span> :	Base changes	T <sub>m</sub> template, °C	T <sub>m</sub> self, °C
<input type="checkbox"/> <a href="#">AccBSI</a>	GGAACGGCTACATCCTCGC <span style="color: red;">C</span> GCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/> <a href="#">AccII</a>	GGAACGGCTACATCCTCGC <span style="color: red;">G</span> GCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/> <a href="#">AluI</a>	GGAACGGCTACATCCT <span style="color: red;">A</span> GCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/> <a href="#">AluI</a>	GGAACGGCTACATCCTCGC <span style="color: red;">A</span> GCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/> <a href="#">AluI</a>	GGAACGGCTACATCCTCGCTGCTCAG <span style="color: red;">C</span> TACGTCACG	1	69	71
<input type="checkbox"/> <a href="#">BbvI</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/> <a href="#">BbvI</a>	GGAACGGCTACATCCTCGC <span style="color: red;">A</span> GCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/> <a href="#">BceAI</a>	GGAACGGCTACATCCTCGCTGCTCAGTTAC <span style="color: red;">G</span> CACG	1	69	71
<input type="checkbox"/> <a href="#">BceAI</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/> <a href="#">BfuI</a>	GGAACGG <span style="color: red;">A</span> TACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/> <a href="#">BmuI</a>	GGAACGGCTACATCCTCGCTG <span style="color: red;">C</span> CAGTTACGTCACG	1	69	71
<input type="checkbox"/> <a href="#">Bpu1102I</a>	GGAACGGCTACATCCTCGCTGCTCAG <span style="color: red;">C</span> TACGTCACG	1	69	71
<input type="checkbox"/> <a href="#">BseII</a>	GGAACGGCTACATCCTCGCTG <span style="color: red;">C</span> CAGTTACGTCACG	1	69	71
<input type="checkbox"/> <a href="#">BseMII</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/> <a href="#">BsgI</a>	GGAACGGCTACATCCTCGCTGC <span style="color: red;">A</span> CAGTTACGTCACG	1	67	70

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

<input type="checkbox"/>	<a href="#">SafI</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	<a href="#">ScrFI</a>	GGAACGGCTACATCCTGGCTGCTCAGTTACGTCACG	1	67	70
<input type="checkbox"/>	<a href="#">Sse9I</a>	GGAACGGCTACATCCTCGCTGCTCAATTACGTCACG	1	66	69
<input type="checkbox"/>	<a href="#">SsiI</a>	GGAACGGCTACATCCTCGCGCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	<a href="#">SsiI</a>	GGAACGGCTACATCCTCGCGGCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	<a href="#">TaiI</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	<a href="#">TauI</a>	GGAACGGCTACATCCTCGCGCTCAGTTACGTCACG	1	69	71
<input type="checkbox"/>	<a href="#">TseI</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	<a href="#">TsoI</a>	GGAATGGCTACATCCTCGCTGCTCAGTTACGTCACG	1	66	69
<input type="checkbox"/>	<a href="#">Tsp45I</a>	GGAACGGCTACATCCTCGCTGCTCAGTTACGTCACG	0	70	70
<input type="checkbox"/>	<a href="#">TspGWI</a>	GGAACGGAATACATCCTCGCTGCTCAGTTACGTCACG	1	66	69

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