<table>
<thead>
<tr>
<th>Plasmid name</th>
<th>CS107</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constructed by</td>
<td>Julie Baker</td>
</tr>
</tbody>
</table>

**Vector (name and size)**

- cs107 (functional T7)

**Host strain**

**Selection**

**Purpose and notes**

Cs107 is a modification of cs105. The major modification is the **functional T7 promoter** which now reads: 5’ gcctctgagctctgcctatagtgagtcg 3’. The only difference from cs105 is the change of cgcc (optimal bluescript motif) from agaa. ... accomplished using PCR fragment cloned into Xho/kpn sites. **This change destroys the xba site in cs polylinker.**

for details of original CS2 vector see http://vize222.zo.utexas.edu/Marker_pages/PlasMaps/CS2.html

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**DNA Location**

<table>
<thead>
<tr>
<th>Restriction Enzyme</th>
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<td>Hind3</td>
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<td>BamH1</td>
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<td>CaI</td>
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<tr>
<td>Xmn1</td>
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<tr>
<td>Nar1/Kas1</td>
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<tr>
<td>StyI</td>
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<td>ScaI</td>
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</table>

**Glycerol Location**

- 0.00

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**Plasmid Name:** CS107  
**Plasmid size:** 4.10 kb  
**Constructed by:** JULIE

**Construction date:**

**Comments/References:**