PRODUCT DATA SHEET

PRODUCT NAME: pMCS Tluc16

PRODUCT NUMBER: 88235

MCS Sequence Details:

ACTAGTAGGCCCTTGATACCTCGTCTCCAGCTCGACCGTACGTCTAGCGCGCTCGGCTCGAGACAGACCGTCCCGGGCTCTGTGAGATCTAAGCTTTCTTTTCAGCTACCGGTGCCACC

ATG

GAGGCCGAGGC

SpeI StuI

ACcc651 / KpiI

BsmBI*

BsiWI

BsePI

XhoI

Xmal /

SmaI

BglII

HindIII

AgeI

Tluc Luciferase→

Note:

• Restriction digestion using BsmBI and HindIII generates compatible ends
• Restriction digestion using Acc651 and BsiWI generates compatible ends
• SmaI, BglII, or HindIII can be used in combination with any restriction enzymes 5’ of minP to clone-in a natural promoter or remove minP..

Primers for Sequencing:

<table>
<thead>
<tr>
<th>Location</th>
<th>Sequence</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2887-2901</td>
<td>GTCTCAGGGATCG</td>
<td>Forward</td>
</tr>
<tr>
<td>162-142</td>
<td>AGTTTCCTCCGCGAGTTT</td>
<td>Reverse</td>
</tr>
</tbody>
</table>

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