RIKEN DNA BANK  

clone name: CS-RfA-CMV-mRFP1

- Clone ID: RDB_05747
- Lot: 12274_A6Gd
- DNA Concentration: 25 nanogram/microliter
- Volume: 40 microliter
- Form: DNA solution in TE buffer
- Host: Survival2
- Culture: LB medium
- Antibiotics: 100 microgram/ml Amp; 33 microgram/ml Cm
- Purification: QIAGEN QIAprep Spin Miniprep kit

Digestion by restriction enzyme

2–Log DNA Ladder (NEB#N3200L), 125 ng/well

Erectrophoresis: 100 nanogram DNA per lane; 1% agarose gel, 1 x TAE Buffer

Restriction enzyme | Expected size of fragment
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EcoRI | 10.9 kbp
HindIII | 5.0, 3.5, 1.2, 0.6, 0.6 kbp

Confirmation of the insertion sequence

<table>
<thead>
<tr>
<th>Sequence name</th>
<th>Primer name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Sequence - A</td>
<td>Cm_M_R</td>
<td>Sequence - E</td>
<td>BGH_rev2</td>
</tr>
<tr>
<td>Sequence - B</td>
<td>Cm_O_F</td>
<td>Sequence - F</td>
<td>SV40pro_F</td>
</tr>
<tr>
<td>Sequence - C</td>
<td>PRE_rev</td>
<td>Sequence - G</td>
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</tr>
<tr>
<td>Sequence - D</td>
<td>HIVgp_R1</td>
<td>Sequence - H</td>
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</tr>
</tbody>
</table>

APPROVED BY: