A.

Wild-type genomic DNA

Genomic DNA $\Delta xtrG$

<table>
<thead>
<tr>
<th>WT</th>
<th>$\Delta xtrG$</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0</td>
<td>2.5</td>
</tr>
<tr>
<td>3.0</td>
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<tr>
<td>4.0</td>
<td>4.0</td>
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<tr>
<td>5.0</td>
<td>5.0</td>
</tr>
<tr>
<td>6.0</td>
<td>6.0</td>
</tr>
</tbody>
</table>
B.

Wild-type genomic DNA

Genomic DNA \(\Delta xtrH\)

Wild-type

\(\Delta xtrH\)

~ 3.4-kb

~ 3.0-kb

WT

\(\Delta xtrH\)

Probe (1kb)

EcoRI

Probe (1kb)

EcoRI

~ 3.4-kb

~ 3.0-kb

3.0

5.0

6.0

WT

\(\Delta xtrH\)

3.5

4.0

5.0

6.0

~ 3.0-kb

~ 3.4-kb
C

Wild-type genomic DNA

Genomic DNA ΔcltB

Probe (1kb) XbaI Probe (1kb) XbaI

5'UTR cltB 3'UTR

ΔcltB ~ 2.0-kb

~ 3.3-kb

WT ΔcltB

~ 3.3-kb

~ 2.0-kb
D.

Wild-type genomic DNA

Genomic DNA ΔcltA::ΔcltB

WT  ΔcltA::ΔcltB

~ 2.5-kb

~ 2.0-kb
Additional File 3: Genomic DNA from the *A. nidulans* wild type, ΔxtrG (AN8347), ΔxtrH (AN9173), ΔcltB (AN2814) and the double ΔcltA::ΔcltB strains was extracted and digested with different restriction enzymes in order to confirm the deletion strains. Diagram and Southern blot (A.) of the wild-type and ΔxtrG strains when digested with *SacI*. A 1-kb DNA fragment from the *xtrG* 3'UTR (untranslated) region was used as a hybridization probe. The probe recognizes a single 10.0 kb band in the wild type strain and a single 6.4 kb band in the ΔxtrG strain. Diagram and Southern blot (B.) of the wild-type and ΔxtrH strains when digested with *EcoRI*. A 1-kb DNA fragment from the *xtrH* 5'UTR (untranslated) region was used as a hybridization probe. The probe recognizes a single 3.4 kb band in the wild type strain and a single 3.0 kb band in the ΔxtrH strain. Diagram and Southern blot (C.) of the wild-type and ΔcltB strains when digested with *Xbal*. A 1-kb DNA fragment from the *cltB* 5'UTR (untranslated) region was used as a hybridization probe. The probe recognizes a single 2.0 kb band in the wild type strain and a single 3.3 kb band in the ΔcltB strain. Diagram and Southern blot (D.) of the wild-type and ΔcltA ΔcltB strains when digested with *KpnI*. A 1-kb DNA fragment from the *cltB* 3'UTR (untranslated) region was used as a hybridization probe. The probe recognizes a single 2.0 kb band in the wild type strain and a single 2.5 kb band in the ΔxtrG strain.