Fig. 1

A

normal rounded pyknotic

B

control TcdB 3 nM TcdB 3 nM Apo 1 mM

C

number of cells (%) rounded cells DAPI positive

D

% of cells DHE-positive pyknotic

E

DAPI positive cells delay of Apocynin addition TcdB (210 min) Apocynin addition

F

Rac1 active total

G

control TcdB 0.03 nM TcdB 3 nM TcdB NXN 6 nM active Rac1 (%)

0 50 100 150 200 5' 20' 210' 210' 210' 210'
Fig. 2

A

B

C

D

E

F

**
**Fig. 3**

### A

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<th>cdi strain</th>
<th>GND</th>
<th>CPD</th>
<th>DD (RBD2)</th>
<th>CROP (RBD1)</th>
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</table>

### B

![Graph showing LDH release](image)

### C

![Graph showing LDH release](image)

### D

![Graph showing pyrographic cells](image)
Fig. 4

A

B

C

Immunoblot: anti-TcdB

bound TcdB (relative to β-actin)
Fig. 5