Supplemental Figure 1

A.

% ATRIP-CPD colocalization

<table>
<thead>
<tr>
<th>t =</th>
<th>AS</th>
<th>0</th>
<th>2</th>
<th>4</th>
<th>6</th>
<th>8</th>
<th>hrs.</th>
<th>%S Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS</td>
<td>35</td>
<td>4</td>
<td>58</td>
<td>77</td>
<td>74</td>
<td>63</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 hr</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

B.

- AS
- 4 hr post-release
- UV

pChk1 S345
Chk1
ATRIP