Fig. 5

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<th>pCMV-Myc-PARP10</th>
<th>pEGFP-N3-shRNA</th>
<th>pCMV-flag-NS1</th>
<th>pEGFP-N3</th>
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<td>PARP10</td>
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<tr>
<td>GAPDH</td>
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A

B

A549 pEGFP

DNA Content

Counts

Dip G0-G1: 81.41%
Dip G2-M: 14.61%
Dip S: 3.98%

A549 NS1

Dip G0-G1: 82.93%
Dip G2-M: 8.52%
Dip S: 8.49%

A549 RNAi

Dip G0-G1: 81.46%
Dip G2-M: 17.02%
Dip S: 1.51%

A549 pEGFP+PARP10+NS1

Dip G0-G1: 48.59%
Dip G2-M: 45.30%
Dip S: 6.01%

Dip G0-G1: 70.63%
Dip G2-M: 8.55%
Dip S: 20.82%
**A**

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**B**

- **NS1**
  - Dip G0-G1: 81.41%
  - Dip G2-M: 14.61%
  - Dip S: 3.98%

- **PARP10**
  - Dip G0-G1: 82.99%
  - Dip G2-M: 8.52%
  - Dip S: 8.49%

- **GAPDH**
  - Dip G0-G1: 81.46%
  - Dip G2-M: 17.02%
  - Dip S: 1.51%

- **A549 pEGFP**
  - Counts: 70

- **A549 NS1**
  - DNA Content: 200 to 600

- **A549 RNAi**
  - DNA Content: 200 to 600

- **A549 pEGFP+PARP10+NS1**
  - Counts: 70

- **DNA Content:**
  - Dip G0-G1: 48.59%
  - Dip G2-M: 45.30%
  - Dip S: 6.01%

- **DNA Content:**
  - Dip G0-G1: 70.53%
  - Dip G2-M: 8.55%
  - Dip S: 20.82%