Supplemental Figure 5

A

Genotype:

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Untreated</th>
<th>5-aza-2'-dC (10 uM)</th>
<th>siAtf7ip and 5-aza-2'-dC (0.2 uM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xi:</td>
<td>wt Xist</td>
<td>ΔXist</td>
<td></td>
</tr>
<tr>
<td>Genotype:</td>
<td>CAG-H2B-Citrine</td>
<td>wt Xist</td>
<td></td>
</tr>
<tr>
<td>CAG-GFP (in the Hprt locus)</td>
<td>~50%</td>
<td>~50%</td>
<td></td>
</tr>
<tr>
<td>wt Xist</td>
<td>100%</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>ΔXist</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xi:</td>
<td>0%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

B

i

ΔXist

Xi: 0% 100%

CAG-H2B-Citrine (in the Hprt locus)

wt Xist

<table>
<thead>
<tr>
<th>Treatment</th>
<th>siControl</th>
<th>siAtf7ip</th>
<th>5-aza-2'-dC (0.2uM)</th>
<th>5-aza-2'-dC (10.0uM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>% citrine-positive cells</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Figures show % citrine-positive cells for different treatments.

Table:}

<table>
<thead>
<tr>
<th>Treatment</th>
<th>siControl</th>
<th>siAtf7ip</th>
<th>5-aza-2'-dC (0.2uM)</th>
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<tr>
<td>% citrine-positive cells</td>
<td>0%</td>
<td>0%</td>
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</table>