SUPPLEMENTARY FIGURE S1
SUPPLEMENTARY FIGURE S2
**B**

Percentages of epithelial subpopulations within GFP+ cells

<table>
<thead>
<tr>
<th></th>
<th>shScr</th>
<th>shPtprb 0145</th>
<th>shPtprb 3820</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mean (%)</td>
<td>SD (%)</td>
<td>n</td>
</tr>
<tr>
<td>Basal</td>
<td>11.03</td>
<td>3.34</td>
<td>6</td>
</tr>
<tr>
<td>LumERneg</td>
<td>55.38</td>
<td>5.15</td>
<td>6</td>
</tr>
<tr>
<td>LumERpos</td>
<td>28.33</td>
<td>4.36</td>
<td>6</td>
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</tbody>
</table>

SUPPLEMENTARY FIGURE S3
### Table A

<table>
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<tr>
<th></th>
<th>shLuc</th>
<th>Ptprb pool</th>
<th>shScr</th>
<th>shPtprb 0145</th>
<th>shScr</th>
<th>shPtprb 3820</th>
</tr>
</thead>
<tbody>
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<tr>
<td>n =</td>
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<td>11</td>
<td>9</td>
<td>13</td>
<td>14</td>
<td>11</td>
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<tr>
<td>Branching</td>
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<td></td>
</tr>
<tr>
<td>analysis n =</td>
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<td>7</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>5</td>
</tr>
</tbody>
</table>

### Figure B

- **Ctx lung**
- **shLuc**
- **shScr**
- **shPtprb 0145**
- **shPtprb pool**

**Supplementary Figure S4**
SUPPLEMENTARY DATA FIGURE S7
A

- SCH772984
- FGF2
- pERK1/2 (Thr202/Tyr204)
- Total ERK1/2
- Tubulin

B

i. FGF2
ii. FGF2
iii. FGF2 + ERK 1/2 (high)
iv. FGF2 + ERK 1/2 (Medium)
v. FGF2 + ERK 1/2 (Low)

SUPPLEMENTARY FIGURE S9
SUPPLEMENTARY FIGURE S10
SUPPLEMENTARY FIGURE S11