

**SUPPLEMENTAL DATA.**

**Table 2**  
**Array Validation**

<b>Gene</b>	<b>Gene Array</b>	<b>qRT-PCR</b>
<b>1. Kcnl2</b>	<b>0.11</b>	<b>0.21 ± 0.01</b>
<b>2. Sema3a</b>	<b>2.27</b>	<b>3.71 ± 0.34</b>
<b>3. Periostatin</b>	<b>13.6</b>	<b>13.75 ± 0.95</b>
<b>4. Wt1 Wilm</b>	<b>0.7</b>	<b>0.38 ± 0.03</b>
<b>5. Gap43</b>	<b>0.8</b>	<b>0.48 ± 0.039</b>
<b>6. Pim3</b>	<b>0.6</b>	<b>0.51 ± 0.20</b>
<b>7. MAPK8</b>	<b>1.4</b>	<b>1.28 ± 0.26</b>
<b>8. PI3K</b>	<b>0.6</b>	<b>0.42 ± 0.19</b>
<b>9. PP2A regulatory alpha</b>	<b>1.3</b>	<b>1.16 ± 0.14</b>
<b>10. PP2A regulatory beta</b>	<b>1.3</b>	<b>1.82 ± 0.41</b>
<b>11. Calmodulin</b>	<b>1.4</b>	<b>1.25 ± 0.20</b>
<b>12. P70S6 kinase</b>	<b>0.7</b>	<b>0.65 ± 0.09</b>