Selected genes for which the expression levels were significantly elevated in the presence of MKL1 overexpression using both Affymetrix and Illumina platforms are shown.

* By real time qRT-PCR, GATA1 expression is upregulated by 1.67-fold. In the microarrays, the differential expression does not reach statistical significant difference.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Affymetrix fold change</th>
<th>Illumina fold change</th>
</tr>
</thead>
<tbody>
<tr>
<td>GATA1</td>
<td>GATA binding protein 1</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>GATA2</td>
<td>GATA binding protein 2</td>
<td>1.97</td>
<td>1.54</td>
</tr>
<tr>
<td>GP5</td>
<td>glycoprotein V (platelet)</td>
<td>14.71</td>
<td>6.99</td>
</tr>
</tbody>
</table>

**Genes that are known SRF target**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
<th>Affymetrix fold change</th>
<th>Illumina fold change</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTA2</td>
<td>actin, alpha 2, smooth muscle, aorta</td>
<td>76.05</td>
<td>48.66</td>
</tr>
<tr>
<td>CALD1</td>
<td>caldesmon 1</td>
<td>14.4</td>
<td>6.98</td>
</tr>
<tr>
<td>FHL1</td>
<td>four and a half LIM domains 1</td>
<td>7.85</td>
<td>1.62</td>
</tr>
<tr>
<td>KRT17</td>
<td>keratin 17</td>
<td>92.88</td>
<td>20.65</td>
</tr>
<tr>
<td>MYL4</td>
<td>myosin, light polypeptide 4</td>
<td>5.25</td>
<td>2.28</td>
</tr>
<tr>
<td>MYL9</td>
<td>myosin, light chain 9, regulatory</td>
<td>92.24</td>
<td>1.66</td>
</tr>
<tr>
<td>MYLK</td>
<td>myosin, light chain kinase</td>
<td>6.3</td>
<td>7.14</td>
</tr>
<tr>
<td>MYOM1</td>
<td>myomesin 1, 185kDa</td>
<td>8.64</td>
<td>7.36</td>
</tr>
<tr>
<td>TAGLN</td>
<td>transgelin</td>
<td>376.05</td>
<td>88.41</td>
</tr>
<tr>
<td>TPM2</td>
<td>tropomyosin 2 (beta)</td>
<td>32.41</td>
<td>10.69</td>
</tr>
</tbody>
</table>