Table 1. Oligonucleotide sequences of primer pairs used in RT-PCR\(^a\)

<table>
<thead>
<tr>
<th>Gene</th>
<th>Forward primer</th>
<th>Reverse primer</th>
<th>PCR fragment size (bp)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEGF</td>
<td>GAACCTTTCTGCTCTTCTTTGGG</td>
<td>CTGCATTACACATCTGCTATG</td>
<td>375</td>
</tr>
<tr>
<td>HIF-1a</td>
<td>GATCAGCCAGCAAGTCTCTTC</td>
<td>GGAGCTGTAATGCTGCTGTG</td>
<td>1247</td>
</tr>
<tr>
<td>HGF</td>
<td>CCAAAATGTGACGTGTCAAG</td>
<td>TGTGTGTGGGGCAAGGA</td>
<td>335</td>
</tr>
<tr>
<td>HGFA</td>
<td>GGCAAGAGGGCAACAAGAAGAG</td>
<td>CAGCAACCAGGGGGGACCAGT</td>
<td>508</td>
</tr>
</tbody>
</table>

\(^a\) Each gene was coamplified with GAPDH
FIGURE LEGENDS

Figure 1. The courses of liver regeneration during seven days after 70% partial hepatectomy. Values represent means ± SD.
Figure 2. The concentration of VEGF in plasma after 70% partial hepatectomy. Closed squares and opened circles represent portal venous blood and peripheral venous blood, respectively. *$P<0.05$ versus peripheral venous blood; **$P<0.01$ versus peripheral venous blood. Values represent means±SD.
Figure. 3. Changes in ratio of vascular endothelial growth factor (VEGF) mRNA expression after 70% partial hepatectomy in liver (A), spleen (B) and intestine(C). 0: Pre-hepatectomy. *$P<0.05$ versus 0 hours; **$P<0.01$ versus 0 hours; ***$P<0.001$ versus 0 hours. Values represent means±SD.
Figure. 4. Changes in ratio of hypoxia inducible factor-1α (HIF-1α) mRNA expression after partial 70% hepatectomy in liver (A), spleen (B) and intestine (C). 0: Pre-hepatectomy. *$P<0.05$ versus 0 hours; **$P<0.01$ versus 0 hours. Values represent means±SD.
A. Liver

B. Spleen

C. Intestine

Ratio of HIF-1α mRNA expression

Times after partial hepatectomy (hours)

HIF-1α

1247 bps

Times after partial hepatectomy (hours)
Figure 5. Changes in ratio of hepatocyte growth factor (HGF) mRNA expression after 70% partial hepatectomy in liver (A), spleen (B) and intestine (C). 0: Pre-hepatectomy. *$P<0.05$ versus 0 hours; **$P<0.01$ versus 0 hours. Values represent means±SD.
Figure. 6. Changes in ratio of hepatocyte growth factor activator (HGFA) mRNA expression after 70% partial hepatectomy in liver (A), spleen (B) and intestine (C). 0: Pre-hepatectomy. *$P<0.05$ versus 0 hours; **$P<0.01$ versus 0 hours. Values represent means ± SD.