

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

Gene	Forward primer	Reverse primer	PCR fragment size (bp)
VEGF	GAAC TTTCTGCTCTCTTGGG	CTGCATT CACATCTGCTATG	375
HIF-1 α	GATCAGCCAGCAAGTCCTTC	GGAGCTGTGAATGTGCTGTG	1247
HGF	CCCAAATGTGACGTGTCAAG	TGTTTTGTTTTGGCACAGGA	335
HGFA	GGCAAGAGGCACAAGAAGAG	CAGCAACCAGGGGGACCAGT	508

^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 $\pm$ SD.

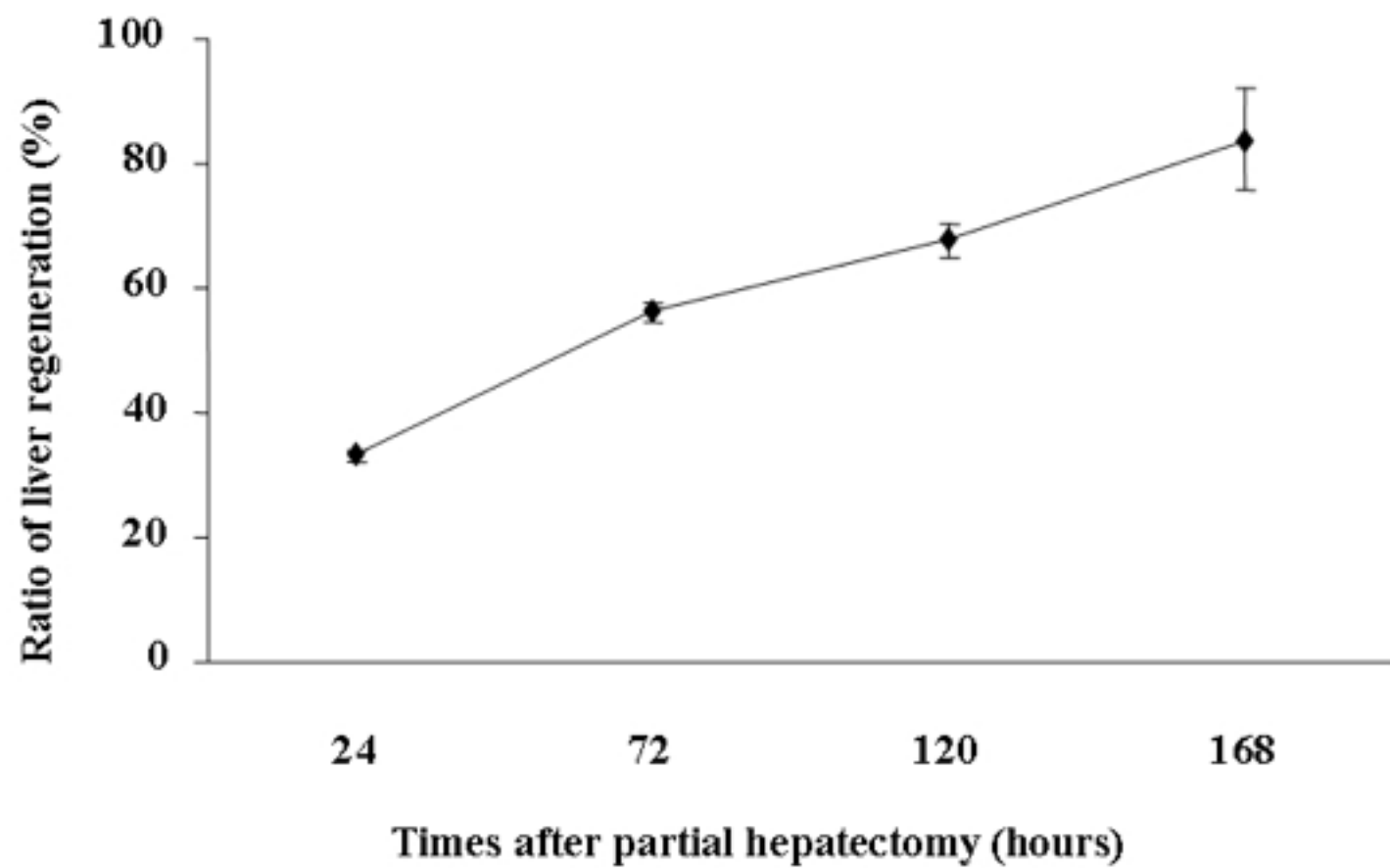


Figure. 2. The concentration of VEGF in plasma after 70% partial hepatectomy. Closed squares and opened circles represent portal venous blood and peripheral venous blood, respectively. * $P < 0.05$ versus peripheral venous blood; ** $P < 0.01$ versus peripheral venous blood. Values represent means $\pm$ SD.

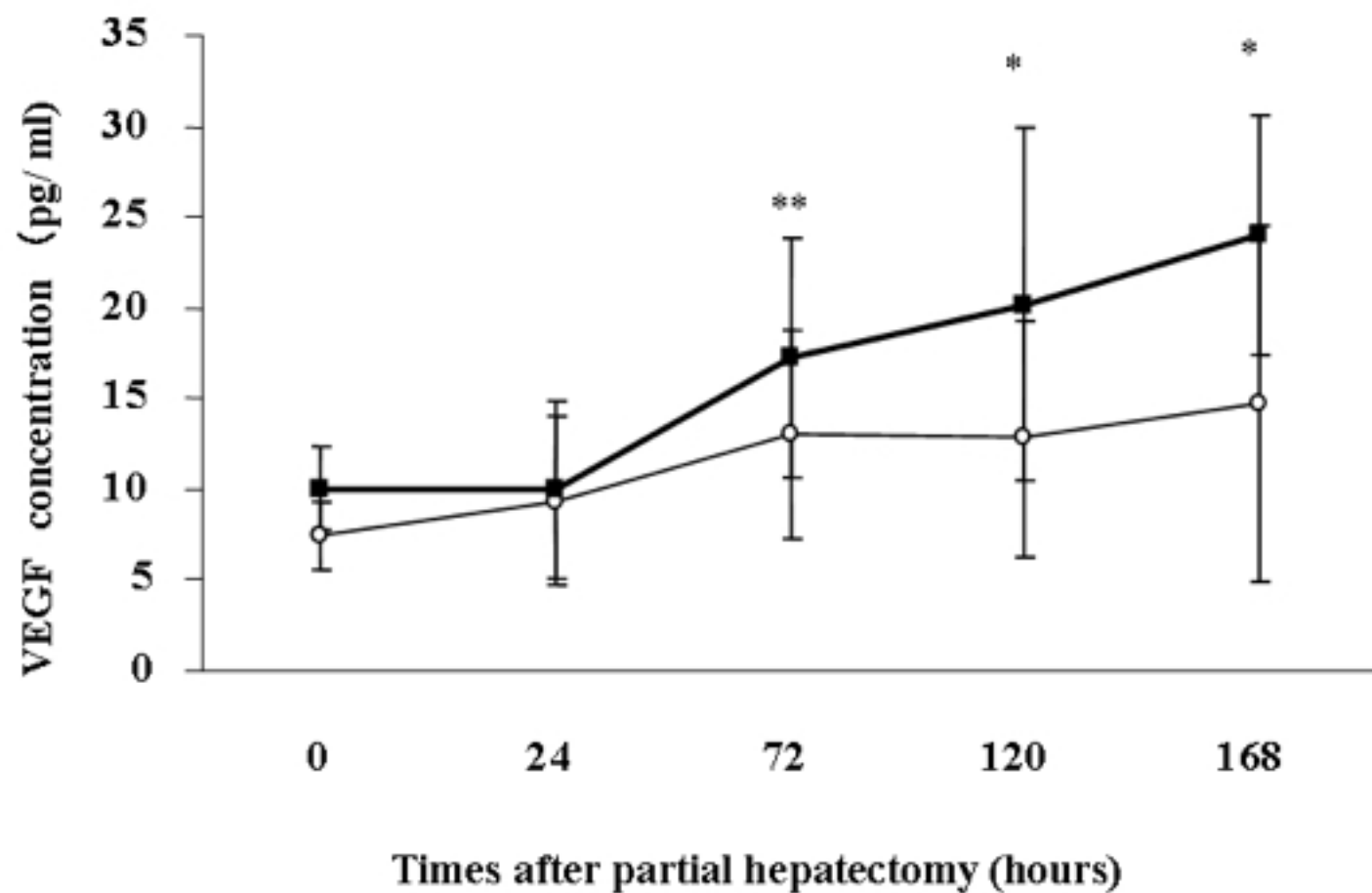


Figure. 3. Changes in ratio of vascular endothelial growth factor (VEGF) mRNA expression after 70% partial hepatectomy in liver (A), spleen (B) and intestine(C). 0: Pre-hepatectomy. * $P < 0.05$ versus 0 hours; ** $P < 0.01$ versus 0 hours; *** $P < 0.001$ versus 0 hours.

Values represent means $\pm$ SD.

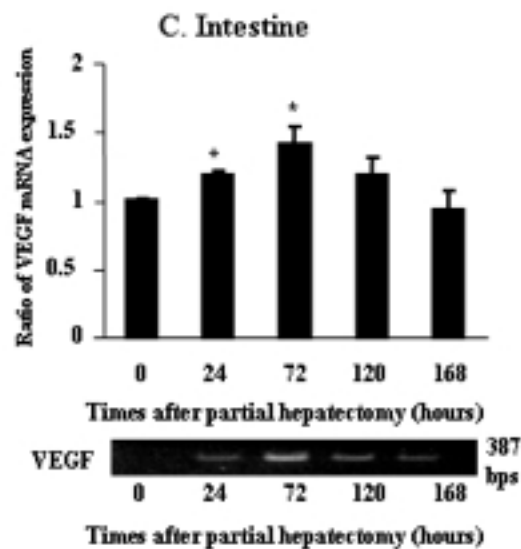
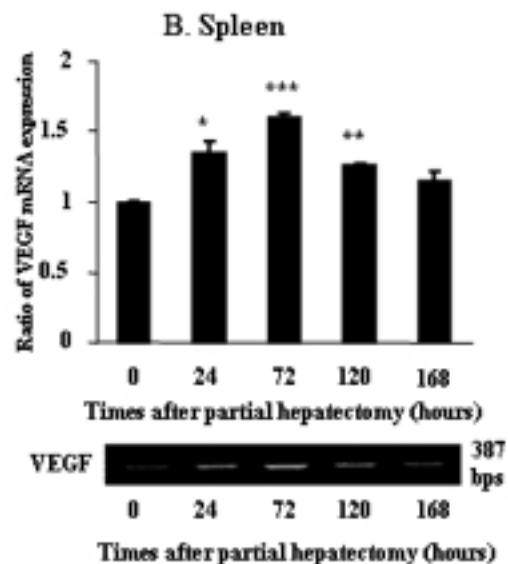
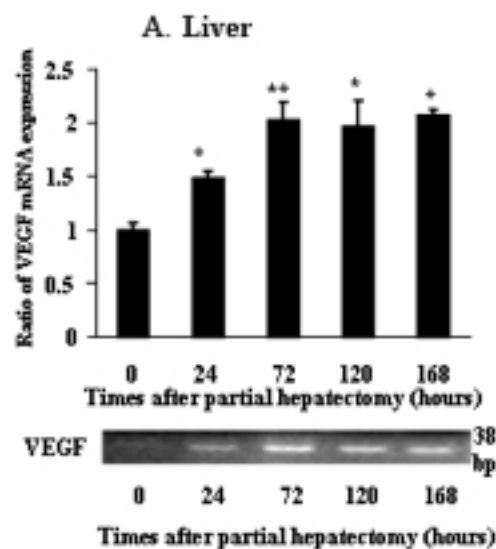
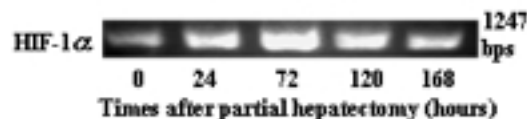
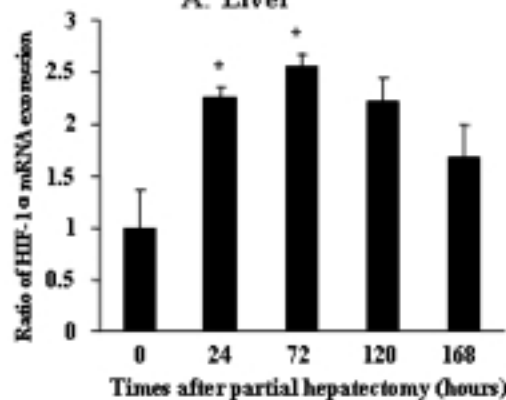
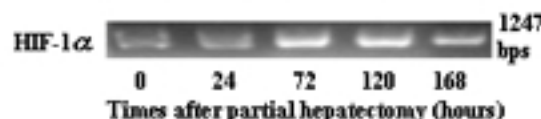
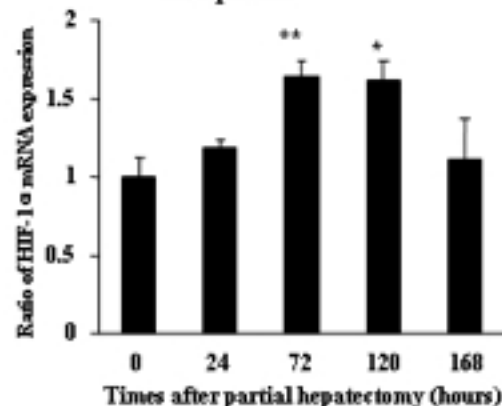


Figure. 4. Changes in ratio of hypoxia inducible factor-1 α (HIF-1 α) mRNA expression after partial 70% hepatectomy in liver (A), spleen (B) and intestine (C). 0: Pre-hepatectomy. * $P < 0.05$ versus 0 hours; ** $P < 0.01$ versus 0 hours. Values represent means $\pm$ SD.

A. Liver



B. Spleen



C. Intestine

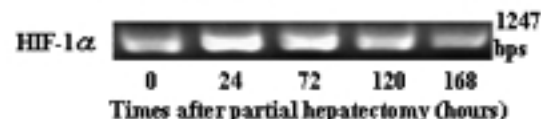
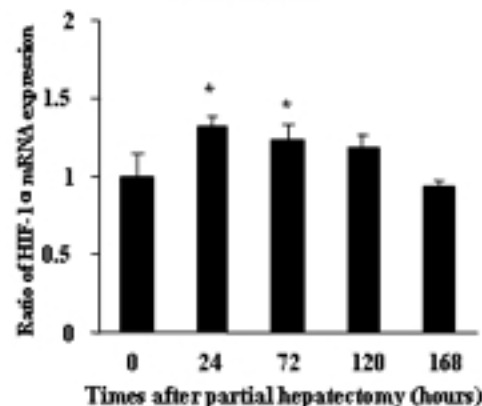


Figure. 5. Changes in ratio of hepatocyte growth factor (HGF) mRNA expression after 70%partial hepatectomy in liver (A), spleen (B) and intestine (C). 0: Pre-hepatectomy. * $P<0.05$ versus 0 hours; ** $P<0.01$ versus 0 hours. Values represent means $\pm$ SD.

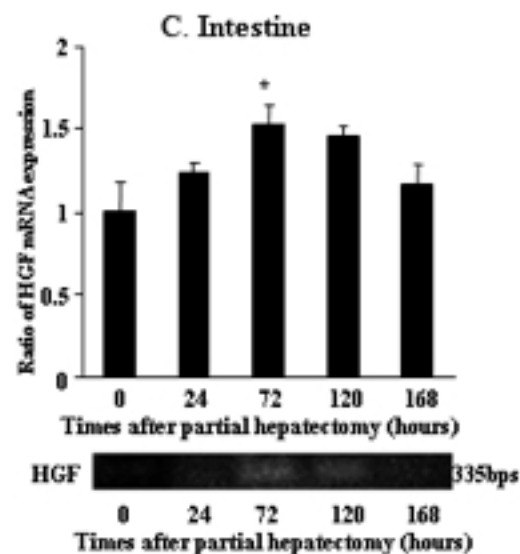
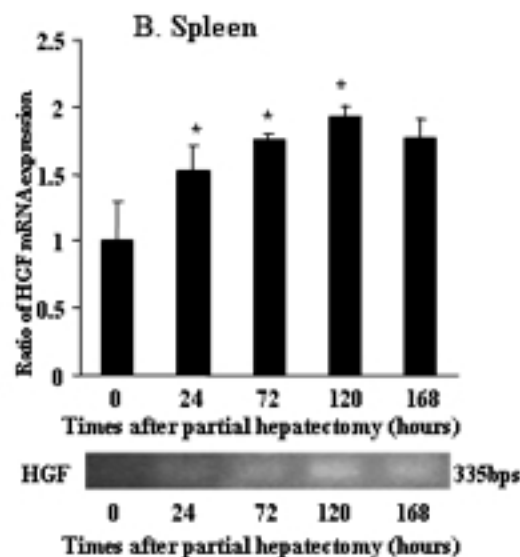
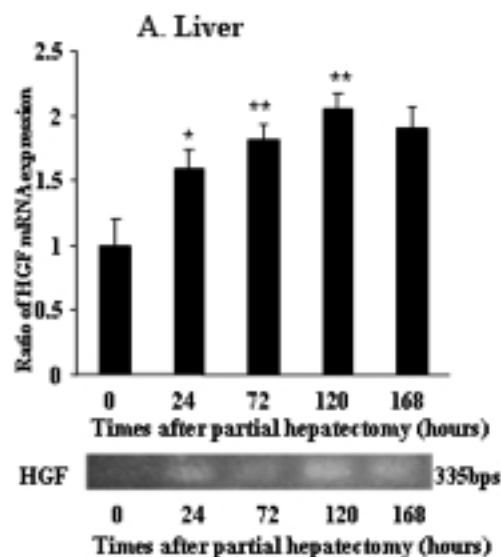


Figure. 6. Changes in ratio of hepatocyte growth factor activator (HGFA) mRNA expression after 70% partial hepatectomy in liver (A), spleen (B) and intestine (C). 0: Pre-hepatectomy. * $P < 0.05$ versus 0 hours; ** $P < 0.01$ versus 0 hours. Values represent means $\pm$ SD.

