Supplementary Method 1. The script for quantification of the immunohistochemical staining images

```
//////////////////////////Begin of the script//////////////////////////////////////
//change it to the directory of the data folder
input = "E:\\03-30\\rantes\\";
list = getFileList(input);
File.makeDirectory(input+"\\Red");
for (i = 0; i < list.length; i++)
{
	//print (input +list[i]);
	open (input+list[i]);
	//select the blue channel, which has the best contrast
	run ("RGB Stack");
	setSlice (3);
	// set threshold
	setThreshold (0, 15);
	// measure area and area fraction
	run ("Set Measurements...", "area integrated area_fraction limit display redirect=None decimal=3");
	run ("Measure");
	saveAs ("Jpeg", input+"Red\\"+list[i]);
	close ();
}
saveAs("Results", input+"Results.xls");
//////////////////////////End of the script//////////////////////////////////////
```

Supplementary Table 1. Nucleotide sequences of the primers used for RT-PCR

Mouse gene	Primer Sequence 5' to 3'	
	Forward	**Reverse**
PAI-1	TGGAAAGAGCCAGATTTATCAT	GAAGTAGAGGGCATTCACCAG
MMP7	TAGGCGGATGCTCACTTTT	TTCTGAATGCCTGCAATGTC
Klotho	ACGGGGTTGTAGCCAAGAAG	CGGTAGAAGTGCAGAACCGT
TNF-α	TCGTAGCAAACCACCAAGTG	CCTTGAAGAGAACCTGGGAG
MCP-1	CCCACTCACCTGCTGCTAC	TTCTTGGGGTCAGCACAGA
HGF	TTTCCCGTTGTGAAGGAGATAC	ATTTCAAACTAACCATCCACCC
β-actin	CAGCTGAGAGGGAAATCGTG	CGTTGCCAATAGTGATGACC