

**Supplementary Table 4 Expression profiles of integrins in aHSCs**

Expression intensity values of integrin genes in aHSCs were analyzed using SurePrint G3 Rat GE 8x60K Microarray (Agilent Technologies). Values were expressed as a means±SD of 3 independent experiments. Transcript Profiling of microarray data was submitted (accession number: E-MTAB-2081, <http://www.ebi.ac.uk/arrayexpress/>). For reference, values of HSC-2 cell line obtained from database of ArrayExpress (<http://www.ebi.ac.uk/arrayexpress/>) were listed. Recognition motifs by each integrin and the expression intensity values of collagen, fibronectin and vitronectin were also listed for reference. Substrates and inhibitors (TIMPs) corresponding to each MMP were also listed for reference.

Gene symbols	Expression intensity value		Data base	Recognition motif
	aHSC	Rat (HSC-2 cell line)		
Integrin $\alpha$ 1	72600±8113	184		
Integrin $\alpha$ 11	3506±298	5207		GFOGER DGEA
Integrin $\alpha$ 2	303±50			
Integrin $\alpha$ 10	19±4			
Integrin $\beta$ 1	29417±3337	8359		GFOGER DGEA RGD
Integrin $\beta$ 5	6537±1431	1723		
Integrin $\alpha$ 8	4024±665	775		
Integrin $\beta$ 3	669±160			
Integrin $\alpha$ 5	616±12	673		RGD
Integrin $\alpha$ V	496±34			
Integrin $\alpha$ IIb	139±24	78		
Integrin $\beta$ 6	105±5	20		
Integrin $\beta$ 8	18±6			
Col1a1	207281±23874	23206		
Col1a2	242181±38750	27233		
Fibronectin	111334±2159	12465		
Vitronectin	5±1	35		