

**Supplemental table 1**  
**List of antibodies.**

<b>Target</b>	<b>Supplier</b>	<b>Catalog #</b>	<b>Dilution</b>
<i>Western Blotting</i>			
Total Smad3	Cell Signaling Technologies	9523	1:1,000
phospho-(S423/S425)-Smad3	Cell Signaling Technologies	5920	1:500
Total cofilin	Cell Signaling Technologies	5175	1:1,000
phospho-(S3)-cofilin	Cell Signaling Technologies	3313	1:1,000
ROCK1	Cell Signaling Technologies	4035	1:1,000
cAbl	AbCam	AB15130	1:500
phospho-(Y415)-cAbl	AbCam	AB47315	1:500
GAPDH	AbCam	AB9485	1:10,000
Anti-Rabbit IgG:HRP	Cell Signaling Technologies	7074	1:5,000
Heme-oxygenase-1	R&D Systems	MAB3776	1:2500
Phospho-LIMK1/2 (T508/T505)	Cell Signaling Technologies	3841	1:1,000
Total LimK2	Cell Signaling Technologies	3845	1:1,000
Chronophin/PDXP	Cell Signaling Technologies	4686	1:1,000
SMAD4	Santa Cruz Biotechnologies	sc-7154	1:1000
$\alpha$ -Smooth Muscle Actin	AbCam	AB5694	1:10,000
<i>Immunoprecipitation</i>			
SMAD4	Santa Cruz Biotechnologies	sc-7966	2 $\mu$ g/mg protein
Protein A:Agarose	Millipore	16-266	100 $\mu$ L/IP

**Supplemental figure 1. Trend plots and mass fragmentation of ions.** A) Trending plot of metabolite 1 with  $m/z$  value of 653.099<sup>-</sup> (n = 5). B) Trending plot of metabolite 2 with  $m/z$  value of 395.007<sup>-</sup> (n = 5). C) The mass fragmentation of metabolite 1. D) The mass fragmentation of metabolite 2.