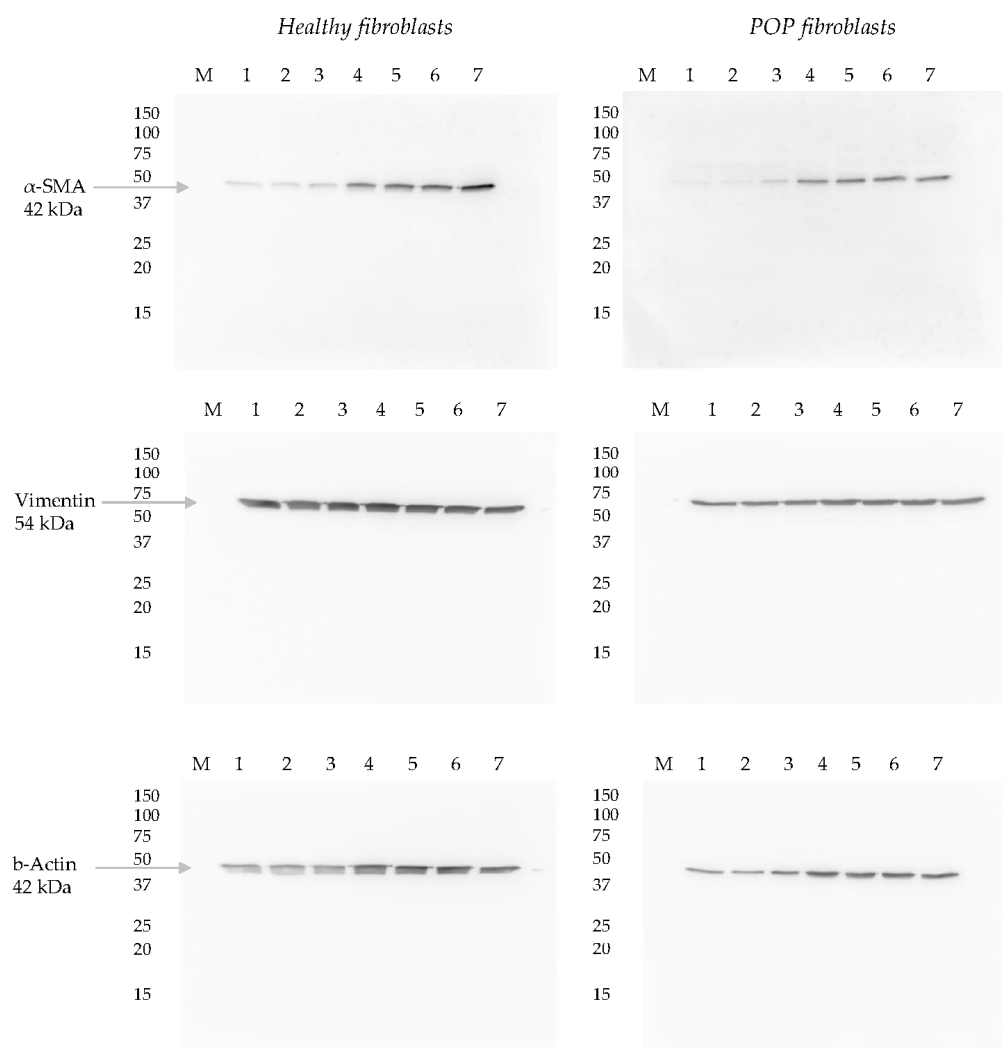*Article*

Extracellular Matrix Stiffness and Composition Regulate the Myofibroblast Differentiation of Vaginal Fibroblasts

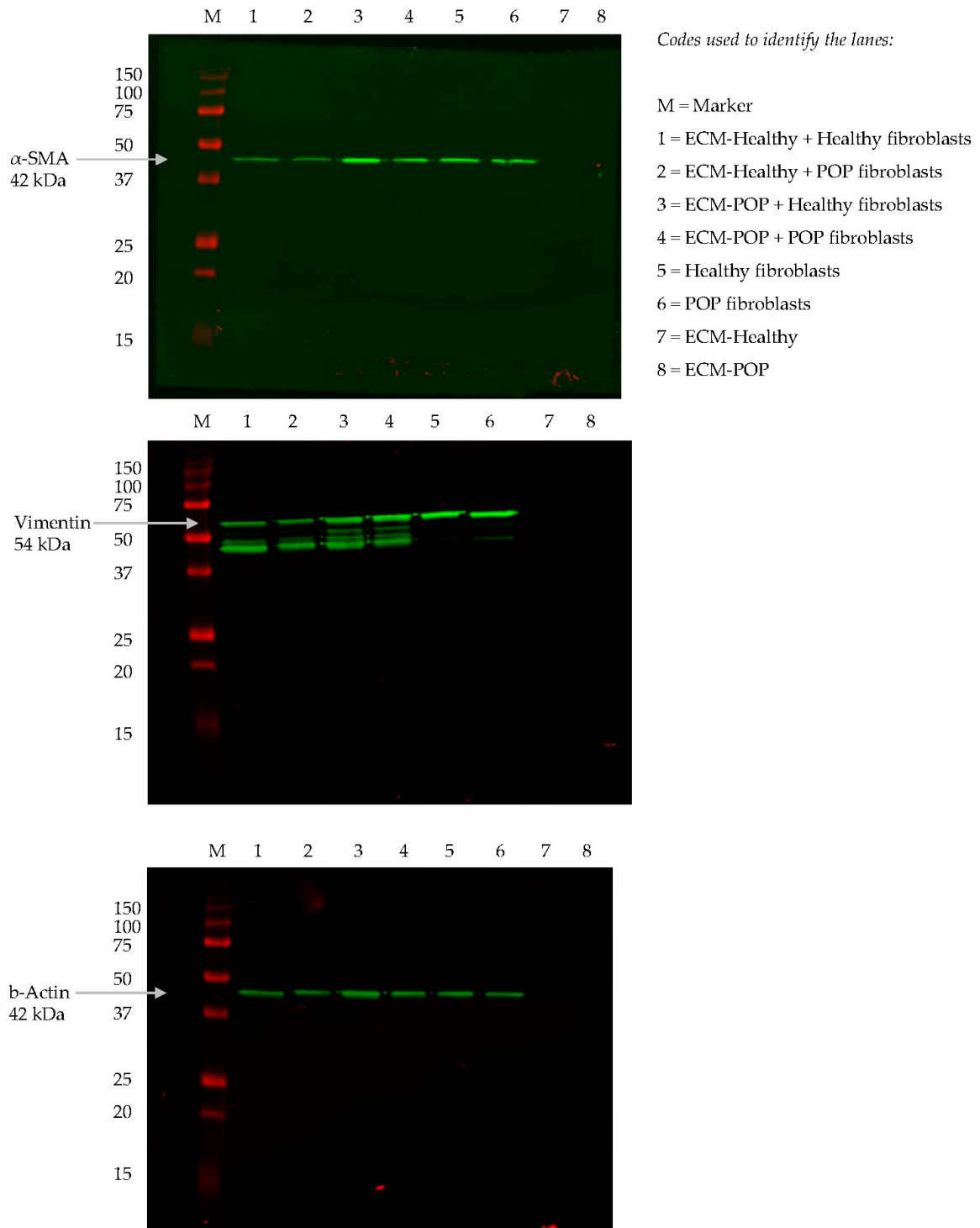## Supplementary Materials

Codes used to identify the lanes:

M = Marker
1 = 0,2 kPa
2 = 0,5 kPa
3 = 2 kPa
4 = 8 kPa
5 = 16 kPa
6 = 32 kPa
7 = 64 kPa

Abreviations: α-SMA: aplha-smooth muscle actin; kPa: kilo Pascals; POP: pelvic organ prolapse

Figure S1. Original Western Blots images corresponding to Figure 1.

M 1 2 3 4 5 6 7 8

150
100
75

50

α-SMA
42 kDa   37

25

20

15

Codes used to identify the lanes:

M = Marker
1 = ECM-Healthy + Healthy fibroblasts
2 = ECM-Healthy + POP fibroblasts
3 = ECM-POP + Healthy fibroblasts
4 = ECM-POP + POP fibroblasts
5 = Healthy fibroblasts
6 = POP fibroblasts
7 = ECM-Healthy
8 = ECM-POP

M 1 2 3 4 5 6 7 8

150
100
75

Vimentin
54 kDa   50

37

25

20

15

M 1 2 3 4 5 6 7 8

150
100
75

50

b-Actin
42 kDa   37

25

20

15

Abreviations: α-SMA: aplha-smooth muscle actin; ECM: extracellular matrix; POP: pelvic organ prolapse

Figure S2. Original Western Blots images corresponding to Figure 4.