

Table S1 Antibodies, sources, concentration and applications

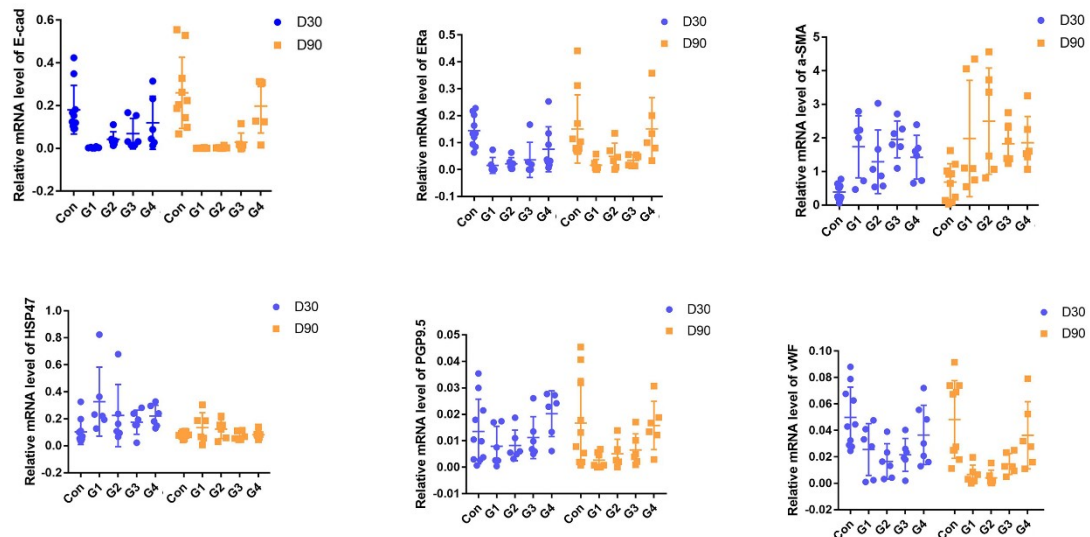
Reagents	Source (catalogue numbers)	Concentration	Application
E-cadherin	Abcam (ab1416)	1:400	IHC-P
Anti-pan Cyrokeratin (AE1/AE3)	Abcam (ab86734)	1:400	IF
Alpha-SMA	Abcam (ab5694)	1:400	IHC-P/IF
Anti-Hsp47	Abcam (ab109117)	1:400	IHC-P/IF
Anti-PGP9.5	Abcam (ab8189)	1:400	IHC-P
Anti-vimentin	Abcam (ab92547)	1:500	IF
Anti-Estrogen Receptor alpha antibody	Abcam (ab32063)	1:500	IHC-P
Anti-Von Willebrand Factor	Abcam (ab6994)	1:400	IHC-P
Anti-CD45	Abcam (ab10558)	1:500	IHC-P
Anti-H-caldesmon	Santa Cruz (sc-58703)	1:100	IF

Table S2 Primers

Gene name	Forward	Reverse
CDH1(E-cadherin)	CCCAACACTTCTCCCTT	CCCCTCACAGTCGCATA
ACTA2 (a-SMA)	GGTTCTGGGCTCTGTAA	ATGATGCCGTGTTCTATT

SERPINH1(HSP47)	GCAGCAAGCAGCACTAC	GAATCGCTCATCCCAGT
UCHL1 (PGP9.5)	CTGCTCTTTCCCCTCAC	TGGATAGCCTCATTCTTTT
VWF	TGTTTGTCAATGGCACC	TCCCCTCCTGAGTCTTAA
ESR1	GTGCCCTCTATGACCT	CCTCCCCTGTGATGTAA
GAPDH	TCACCAGGGCTGCTTTT	TTTGATGTTGGCGGGAT

Figure S1



The mRNA levels of E-cadherin, ER α , α -SMA, HSP47, PGP9.5, and vWF in regenerated vaginal tissues.

