Figure S1

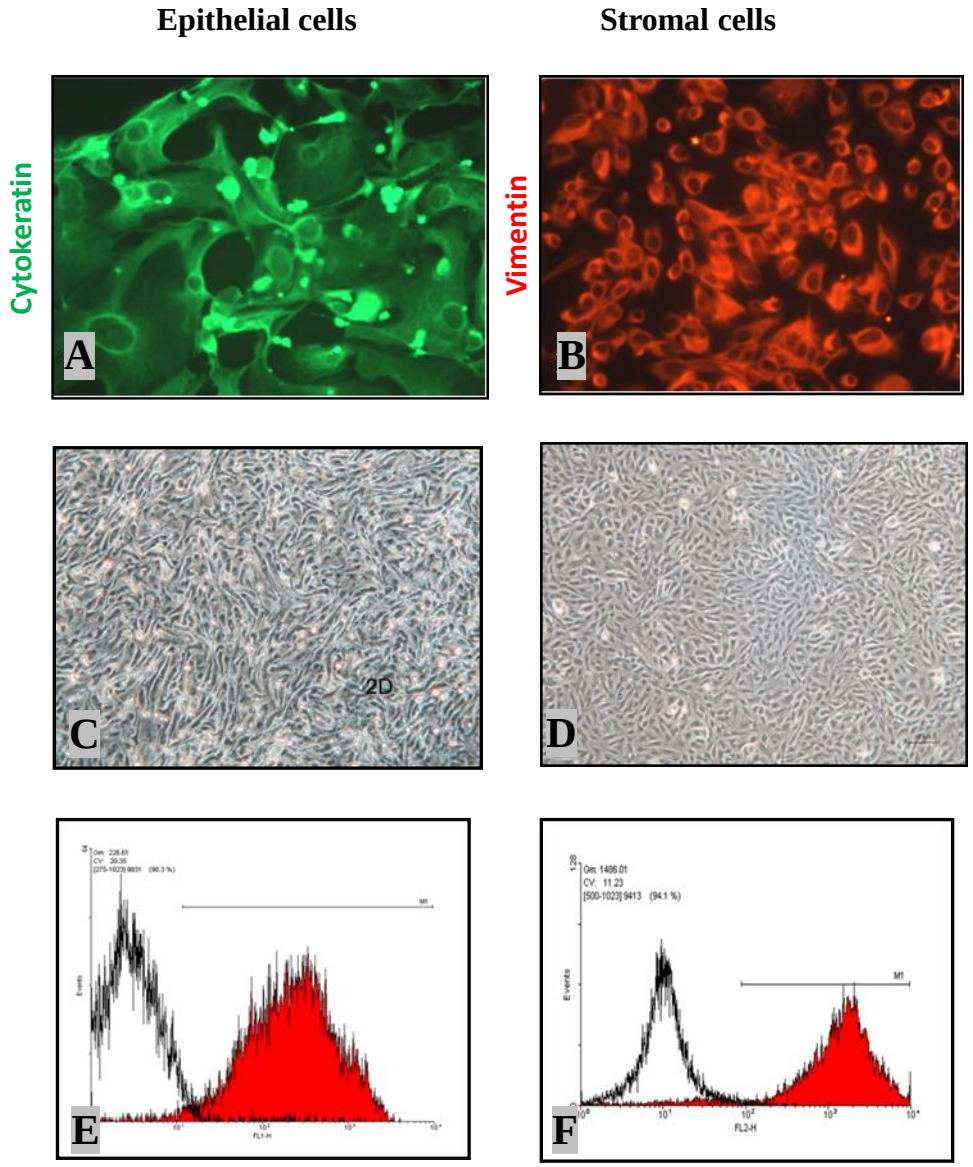
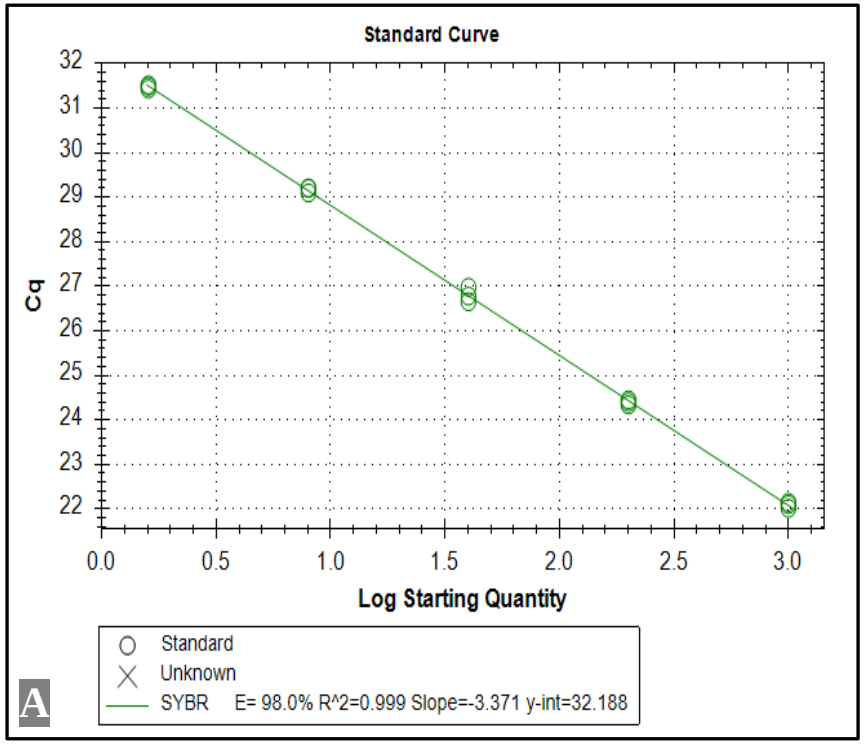

Epithelial cells
Stromal cells
Cytokeratin
Vimentin
A
B
C
2D
D
E
F
M1
M1
FL2-H

Figure S2


Standard Curve
Cq
32
31
30
29
28
27
26
25
24
23
22
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Log Starting Quantity
Standard
Unknown
SYBR E= 98.0% R^2=0.999 Slope=-3.371 y-int=32.188
A

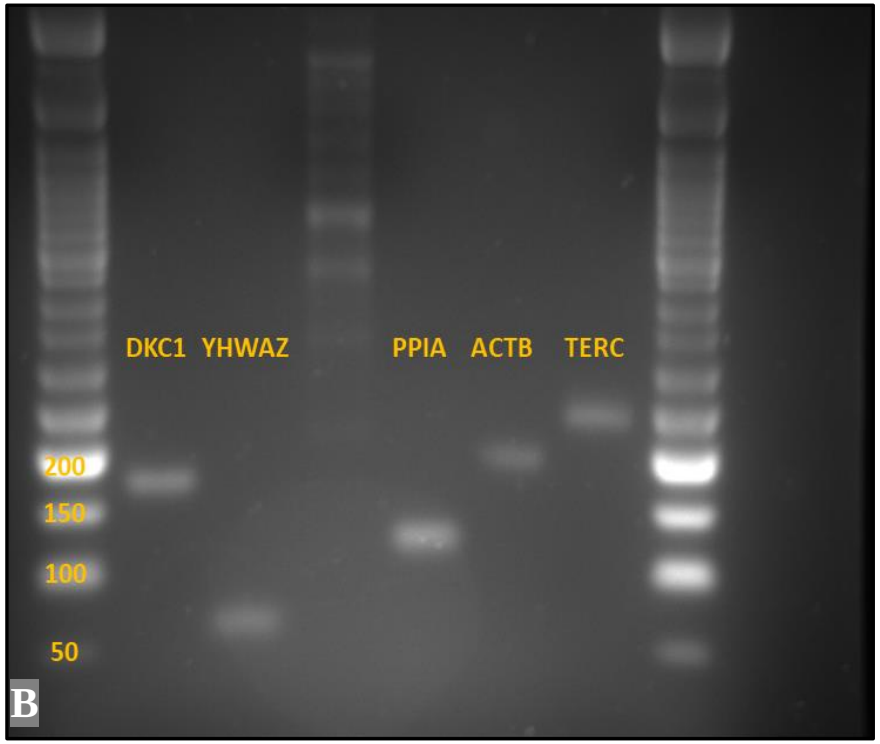

DKC1
YHWAZ
PPIA
ACTB
TERC
200
150
100
50
B

Figure S1 Isolated endometrial cell characterisation. Endometrial Biopsies were mechanically and enzymatically digested and purified using Epcam microbeads.
Epcam positive cells represent epithelial cells; Epcam negative cells are stromal cells. Purity of cultures was assessed by performing immunoblotting [4] and immunofluorescence for **A)** Cytokeratin and **B)**Vimentin. Purity of cultured cells also assessed morphologically by maintaining **C)** primary human epithelial and **B)** stromal cells in monolayer culture (2D), and by performing flow cytometry using **E)** Fluorescein conjugated antihuman CD9 and **F)** Phycoerythrin (PE) anti-human CD13. Representative histograms with red area representing labelled cells.

Figure S2 RT-qPCR primers efficiency and specificity A) DKC1 standard curve showing assay efficiency, precision and slop. Log starting quantity (nanogram). **B)** Image of agarose gel electrophoresis showing specific bands for DKC1, YHWAZ, PPIA, ACTB and hTERC.