

Table S1.	Gene description		
	Gene description	Uniprot ID	Antibody
<i>AHSG</i>	alpha 2-HS glycoprotein	P02765	HPA001524
<i>ANXA1</i>	annexin A1	P04083	HPA011918
<i>ANXA3</i>	annexin A3	P12429	HPA013431, HPA013398
<i>BCAP31</i>	B cell receptor associated protein 31	P51572	HPA003906
<i>C4BPA</i>	complement component 4 binding protein alpha	P04003	HPA001845
<i>CAPN1</i>	calpain 1	P07384	HPA005992
<i>CAPN14</i>	calpain 14	A8MX76	HPA067311
<i>CAPNS1</i>	calpain small subunit 1	P04632	HPA006872
<i>CD5L</i>	CD5 molecule like	O43866	HPA026432
<i>CFH</i>	complement factor H	P08603	HPA049176
<i>COL1A2</i>	collagen type I alpha 2 chain	P08123	HPA068464
<i>CORO1A</i>	coronin 1A	P31146	HPA051132
<i>CRNN</i>	cornulin	Q9UBG3	HPA024343
<i>CSTA</i>	cystatin A	P01040	HPA000392, HPA001031
<i>CSTB</i>	cystatin B	P04080	HPA058557, HPA017380
<i>CTSG</i>	cathepsin G	P08311	HPA047737
<i>CXCL10</i>	C-X-C motif chemokine ligand 10	P02778	HPA029858
<i>DEFA1;</i> <i>DEFA1B;</i> <i>DEFA3</i>	defensin alpha 1; defensin alpha 1B; defensin alpha 3	P59665;P59666	HPA044693
<i>DEFA5</i>	defensin alpha 5	Q01523	HPA015775
<i>DMKN</i>	dermokine	Q6E0U4	HPA029406
<i>DSC2</i>	desmocollin 2	Q02487	HPA012615
<i>DSG1</i>	desmoglein 1	Q02413	HPA022128
<i>DSG3</i>	desmoglein 3	P32926	HPA056863
<i>ELANE</i>	elastase, neutrophil expressed	P08246	HPA066836
<i>F11R</i>	F11 receptor	Q9Y624	HPA061700
<i>FGA</i>	fibrinogen alpha chain	P02671	HPA064755, HPA051370
<i>FLNA</i>	filamin A	P21333	HPA002925, HPA001115
<i>GPX3</i>	glutathione peroxidase 3	P22352	HPA071520, HPA062579
<i>IFNG</i>	interferon gamma	P01579	HPA049525
<i>IL36G</i>	interleukin 36 gamma	Q9NZH8	HPA055042
<i>ITIH2</i>	inter-alpha-trypsin inhibitor heavy chain 2	P19823	HPA059150, HPA062964

<i>KLK11</i>	kallikrein related peptidase 11	Q9UBX7	HPA038938
<i>KNG1</i>	kininogen 1	P01042	HPA001616
<i>KRT1</i>	keratin 1	P04264	HPA017917, HPA019797, HPA062908
<i>KRT13</i>	keratin 13	P13646	HPA030877
<i>KRT14</i>	keratin 14	P02533	HPA023040
<i>KRT18</i>	keratin 18	P05783	HPA001605
<i>KRT4</i>	keratin 4	P19013	HPA034881
<i>KRT5</i>	keratin 5	P13647	HPA059479
<i>LDHA</i>	lactate dehydrogenase A	P00338	HPA075026
<i>LGMN</i>	legumain	Q99538	HPA000799, HPA001426
<i>LOR</i>	loricrin	P23490	HPA076123
<i>LRG1</i>	leucine rich alpha-2-glycoprotein 1	P02750	HPA001888
<i>LSP1</i>	lymphocyte-specific protein 1	P33241	HPA019693
<i>LYZ</i>	lysozyme	P61626	HPA048284
<i>MIF</i>	macrophage migration inhibitory factor	P14174	HPA003868
<i>MMP8</i>	matrix metallopeptidase 8	P22894	HPA022935
<i>MMP9</i>	matrix metallopeptidase 9	P14780	HPA063909
<i>MSN</i>	moesin	P26038	HPA011135
<i>MUC16</i>	mucin 16, cell surface associated	Q8WXI7	HPA065600
<i>MUC5AC</i>	mucin 5AC, oligomeric mucus/gel-forming	P98088	HPA040615
<i>MYH9</i>	myosin heavy chain 9	P35579	HPA001644
<i>NCF2</i>	neutrophil cytosolic factor 2	P19878	HPA002327, HPA006040
<i>PI3</i>	peptidase inhibitor 3	P19957	HPA017737
<i>PKP1</i>	plakophilin 1	Q13835	HPA027221
<i>PLAUR</i>	plasminogen activator, urokinase receptor	Q03405	HPA050843
<i>RPTN</i>	repetin	Q6XPR3	HPA030485
<i>S100A12</i>	S100 calcium binding protein A12	P80511	HPA002881, HPA003620
<i>S100A2</i>	S100 calcium binding protein A2	P29034	HPA034651
<i>S100A6</i>	S100 calcium binding protein A6	P06703	HPA008060
<i>S100P</i>	S100 calcium binding protein P	P25815	HPA019502
<i>SERPINA1</i>	serpin family A member 1	P01009	HPA001291
<i>SERPINA3</i>	serpin family A member 3	P01011	HPA000893
<i>SERPINA6</i>	serpin family A member 6	P08185	HPA017864
<i>SERPINB1</i>	serpin family B member 1	P30740	HPA018871
<i>SERPINB5</i>	serpin family B member 5	P36952	HPA019025, HPA019132
<i>SERPINB7</i>	serpin family B member 7	O75635	HPA024200

<i>SERPING1</i>	serpin family G member 1	P05155	HPA048738
<i>SPINK5</i>	serine peptidase inhibitor, Kazal type 5	Q9NQ38	HPA011351, HPA009067
<i>SPRR3</i>	small proline rich protein 3	Q9UBC9	HPA024330, HPA044467
<i>STS</i>	steroid sulfatase	P08842	HPA002904
<i>TACSTD2</i>	tumor associated calcium signal transducer 2	P09758	HPA055067, HPA043104
<i>TMPRSS11E</i>	transmembrane serine protease 11E	Q9UL52	HPA051062
<i>TXNDC17</i>	thioredoxin domain containing 17	Q9BRA2	HPA022931

Protein targets were selected based on their presence in genital fluids and with associations to HIV resistance and inflammation [20], as well as identified as genes or proteins in studies on the effect of sex hormones and inflammation in the female genital tract [21-25].