

Supplementary Information

Additional file 2

Table S1. The clinical characteristics of pregnant women participants

Characteristics	first trimester (6 – 12 wk, n = 4)	second trimester (13 – 27 wk, n = 4)	normal full term (37 - 40 wk, n = 28)
Gestational age (wk)	8.65 ± 0.82	15.96 ± 0.59	39.89 ± 0.16
Maternal age (yr)	26.75 ± 0.48	27.50 ± 0.65	28.89 ± 0.34
Birth weight (g)			3338 ± 50.72

All data are expressed as means ± SEM.

Table S2. Sequences of the forward and reverse primers of complement regulatory

genes

Primer name		Sequence
PSG1	PSG1-F	CCTTCACCTTACACCTGGAGAC
	PSG1-R	CTGTTGGTTTCGGACAGCTT
GAPDH	β-actin-F	AGCCTCGCCTTTGCCGAT
	β-actin-R	CTTCTGACCCATGCCCACC

Table S3. Significantly differently expressed proteins in P-Exo and NP-Exo

Protein accession	Protein name	Fold of change (P-Exo/NP-Exo)	P Value
Q16557	Pregnancy-specific beta -1 glycoprotein 3	10.229	0.0018
P11464	Pregnancy-specific beta-1-glycoprotein 1	8.588	0.0001
Q00888	Pregnancy-specific beta-1-glycoprotein 4	7.479	2.506E-06
O43184	Disintegrin and metalloproteinase domain-containing protein 12	7.063	8.714E-08
Q13219	Pappalysin-1	5.72	1.011E-10
P20742	Pregnancy zone protein	5.536	3.405E-08
Q9UPN9	E3 ubiquitin-protein ligase TRIM33	5.373	0.0068
P08473	Neprilysin	5.346	0.0108
Q00887	Pregnancy-specific beta-1-glycoprotein 9	5.240	0.0239
P0DJ19	Serum amyloid A-2 protein	5.175	0.0150
P25025	C-X-C chemokine receptor type 2	4.782	0.0119
O14490	Disks large-associated protein 1	4.777	0.0261
O00602	Ficolin-1	4.664	1.981E-06
P02741	C-reactive protein	4.205	0.0431
Q07075	Glutamyl aminopeptidase	3.760	0.0327
P01019	Angiotensinogen	3.752	8.646E-09
P25024	C-X-C chemokine receptor type 1	3.191	3.739E-05
Q7Z3F1	Integral membrane protein GPR155	2.986	2.234E-05
Q9UGM5	Fetuin-B	2.934	0.0416
P04278	Sex hormone-binding globulin	2.928	3.688E-06
A0A0B4J1X5	Immunoglobulin heavy variable 3-74	0.570	0.0076
P01008	Antithrombin	0.564	0.0177
Q13103	Secreted phosphoprotein	0.545	0.006
P01859	Immunoglobulin heavy constant gamma	0.538	0.009
A0M8Q6	Immunoglobulin lambda constant 7	0.506	0.0219
Q13564	NEDD8-activating enzyme E1 regulatory subunit	0.498	0.0242
A0A0A0MS15	Immunoglobulin heavy variable 3-49	0.459	0.0016
Q15389	Angiopoietin-1	0.454	0.0130
A0A087WSX0	Immunoglobulin lambda variable 5-45	0.45	0.0461
P05154	Plasma serine protease inhibitor	0.439	0.0012
P08590	Myosin light chain 3	0.425	0.0433
A0A075B6Q5	Immunoglobulin heavy variable 3-64	0.42	0.0018
A0A075B6K4	Immunoglobulin lambda variable 3-10	0.419	0.0007
P01706	Immunoglobulin lambda variable 2-11	0.418	0.0069
P0DOX2	Immunoglobulin alpha-2 heavy chain	0.394	0.0258
Q15485	Ficolin-2 OS=Homo sapiens	0.372	0.0011
P04196	Histidine-rich glycoprotein	0.368	4.85E-06
A0A0C4DH67	Immunoglobulin kappa variable 1-8	0.319	0.0007
Q15149	Plectin	0.278	0.0464
P50479	PDZ and LIM domain protein 4	0.259	0.0002