

Type of file: table

Label: 1

Filename: AOG203121-13-31R1 Appendix 1 (3-22-13v1) clean.pdf

Appendix 1. Clinical Characteristics of Samples

Term cases			
Maternal age	GA weeks	Fetal sex	Indication for Cesarean delivery
28	37	M	Elective repeat CD
29	37	F	Abdominal cerclage
29	39	M	Previous myomectomy
29	39	F	Elective repeat CD
36	39	M	Elective repeat CD
37	39	F	Elective repeat CD
38	37	M	Breech presentation
39	37	M	Elective repeat CD
Second trimester cases			
Maternal age	GA weeks	Fetal sex	Indication for amniocentesis
33	19	M	High risk serum screening result
36	19	F	Advanced Maternal age
36	17	M	Advanced maternal age
38	17	M	High risk serum screening result
38	16	M	Advanced maternal age
38	15	F	High risk serum screening result
41	18	F	Advanced Maternal age
42	16	M	Advanced maternal age; sonographic soft marker (mild hydronephosis)

CD, Cesarean delivery; F, female; GA, gestational age; M, male

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Type of file: table

Label: 2

Filename: AOG203121-13-31R1 Appendix 2 (3-22-13v1) clean.pdf

Appendix 2. Significantly Differentially Regulated Genes in Term Compared With Second Trimester Amniotic Fluid Supernatant

Fold Change in term vs second trimester Amniotic Fluid	Affymetrix Probe ID	Duplicate probes	Symbol	Entrez Gene Name
1019.9	217059_at	D	MUC7	mucin 7, secreted
424.5	211735_x_at	D	SFTPC	surfactant protein C
416.2	206835_at		STATH	statherin
363.4	214387_x_at	D	SFTPC	surfactant protein C
295.5	205982_x_at	D	SFTPC	surfactant protein C
288.7	1553454_at		RPTN	repetin
251.3	204124_at		SLC34A2	solute carrier family 34 (sodium phosphate), member 2
238.9	206786_at		HTN3	histatin 3
161.5	220191_at		GKN1	gastrokine 1
152.7	223678_s_at	D	SFTPA2	surfactant protein A2
130.9	207430_s_at	D	MSMB	microseminoprotein, beta-
99.0	214199_at		SFTPD	surfactant protein D
96.5	210982_s_at	D	HLA-DRA	major histocompatibility complex, class II, DR alpha
96.5	221133_s_at	D	CLDN18	claudin 18
94.4	238222_at		GKN2	gastrokine 2
93.7	1557961_s_at	D	LOC100127983	uncharacterized LOC100127983
93.1	229584_at		LRRK2	leucine-rich repeat kinase 2
88.6	242042_s_at	D	HOXD-AS1	HOXD cluster antisense RNA 1 (non-protein coding)
86.0	205569_at		LAMP3	lysosomal-associated membrane protein 3
85.4	232698_at		BPIFB2	BPI fold containing family B, member 2
84.4	205979_at		SCGB2A1	secretoglobin, family 2A, member 1
84.3	230469_at		RTKN2	rhotekin 2
82.2	204130_at		HSD11B2	hydroxysteroid (11-beta) dehydrogenase 2
81.9	222242_s_at		KLK5	kallikrein-related peptidase 5
77.0	237281_at		AKAP14	A kinase (PRKA) anchor protein 14
76.7	1553602_at		MUCL1	mucin-like 1
76.3	216359_at	D	MUC7	mucin 7, secreted
72.7	222073_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
71.1	206639_x_at		HTN1	histatin 1
69.8	223253_at		EPDR1	ependymin related protein 1 (zebrafish)
69.0	208894_at	D	HLA-DRA	major histocompatibility complex, class II, DR alpha
67.7	208004_at		PROL1	proline rich, lacrimal 1
65.8	226228_at	D	AQP4	aquaporin 4
65.2	232578_at	D	CLDN18	claudin 18
63.2	220026_at		CLCA4	chloride channel accessory 4
62.6	219949_at		LRRC2	leucine rich repeat containing 2
61.4	233305_at		NECAB1	N-terminal EF-hand calcium binding protein 1
57.3	218835_at	D	SFTPA2	surfactant protein A2
56.7	213006_at		CEBPD	CCAAT/enhancer binding protein (C/EBP), delta

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

56.5	37512_at	D	HSD17B6	hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse)
55.7	239770_at		ESYT3	extended synaptotagmin-like protein 3
54.2	236331_at	D	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)
53.4	214641_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
51.7	209597_s_at		PNMA2	paraneoplastic Ma antigen 2
49.6	210066_s_at	D	AQP4	aquaporin 4
49.2	38691_s_at	D	SFTPC	surfactant protein C
47.5	211506_s_at	D	IL8	interleukin 8
46.2	225575_at	D	LIFR	leukemia inhibitory factor receptor alpha
45.7	236646_at		C12orf59	chromosome 12 open reading frame 59
45.5	211498_s_at	D	NKX3-1	NK3 homeobox 1
44.3	216184_s_at	D	RIMS1	regulating synaptic membrane exocytosis 1
43.8	235514_at		ASPRV1	aspartic peptidase, retroviral-like 1
40.2	202859_x_at	D	IL8	interleukin 8
39.5	231771_at		GJB6	gap junction protein, beta 6, 30kDa
39.4	243938_x_at		DNAH5	dynein, axonemal, heavy chain 5
39.1	243650_at		PLEKHH2	pleckstrin homology domain containing, family H (with MyTH4 domain) member 2
39.0	231058_at		FXYD4	FXYD domain containing ion transport regulator 4
38.8	231461_at		KRT71	keratin 71
38.7	223278_at		GJB2	gap junction protein, beta 2, 26kDa
38.3	222121_at	D	ARHGEF26	Rho guanine nucleotide exchange factor (GEF) 26
37.8	237732_at		PRR9	proline rich 9
37.3	222333_at		ALS2CL	ALS2 C-terminal like
37.2	205778_at	D	KLK7	kallikrein-related peptidase 7
37.2	213142_x_at	D	PION	pigeon homolog (Drosophila)
37.0	212063_at	D	CD44 (includes EG:100330801)	CD44 molecule (Indian blood group)
36.9	219554_at		RHCG	Rh family, C glycoprotein
36.9	228601_at	D	HOXD-AS1	HOXD cluster antisense RNA 1 (non-protein coding)
36.5	219735_s_at	D	TFCP2L1	transcription factor CP2-like 1
35.5	230493_at		SHISA2	shisa homolog 2 (Xenopus laevis)
34.6	213975_s_at	D	LYZ	lysozyme
34.1	1553722_s_at	D	RNF152	ring finger protein 152
33.9	214240_at		GAL	galanin prepropeptide
33.5	207569_at		ROS1	c-ros oncogene 1, receptor tyrosine kinase
33.2	210096_at		CYP4B1	cytochrome P450, family 4, subfamily B, polypeptide 1
33.2	1556325_at	D	FILIP1	filamin A interacting protein 1
33.2	226534_at		KITLG	KIT ligand
33.1	237120_at		KRT77	keratin 77
33.0	212256_at	D	GALNT10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)
32.9	236320_at		CCDC17	coiled-coil domain containing 17
32.6	214602_at	D	COL4A4	collagen, type IV, alpha 4
32.4	237466_s_at	D	HHIP	hedgehog interacting protein
32.0	238383_at	D	C6orf58	chromosome 6 open reading frame 58

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

31.8	209395_at		CHI3L1	chitinase 3-like 1 (cartilage glycoprotein-39)
31.8	209047_at	D	AQP1	aquaporin 1 (Colton blood group)
31.5	238332_at		ANKRD29	ankyrin repeat domain 29
31.2	1552620_at		SPRR4	small proline-rich protein 4
30.7	205700_at	D	HSD17B6	hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse)
30.6	209706_at	D	NKX3-1	NK3 homeobox 1
30.4	204846_at	D	CP	ceruloplasmin (ferroxidase)
30.2	210067_at	D	AQP4	aquaporin 4
30.0	204924_at		TLR2	toll-like receptor 2
29.8	229759_s_at	D	VEPH1	ventricular zone expressed PH domain homolog 1 (zebrafish)
29.7	210297_s_at	D	MSMB	microseminoprotein, beta-
29.1	1555745_a_at	D	LYZ	lysozyme
29.0	224414_s_at		CARD6	caspase recruitment domain family, member 6
28.7	229152_at		FDCSP	follicular dendritic cell secreted protein
28.7	1565034_s_at	D	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
28.6	215692_s_at	D	MPPED2	metallophosphoesterase domain containing 2
28.1	220407_s_at	D	TGFB2	transforming growth factor, beta 2
27.9	225987_at	D	STEAP4	STEAP family member 4
27.6	39402_at	D	IL1B	interleukin 1, beta
26.9	1568879_a_at	D	LAMA3	laminin, alpha 3
26.8	1570515_a_at	D	FILIP1	filamin A interacting protein 1
26.8	231986_at	D	RIMS1	regulating synaptic membrane exocytosis 1
26.8	224540_at		LACRT	lacritin
26.5	215034_s_at	D	TM4SF1	transmembrane 4 L six family member 1
26.3	210081_at	D	AGER	advanced glycosylation end product-specific receptor
25.4	216402_at		SEC14L4	SEC14-like 4 (S. cerevisiae)
25.3	204754_at	D	HLF	hepatic leukemia factor
25.2	203400_s_at	D	TF	transferrin
24.9	213831_at	D	HLA-DQA1	major histocompatibility complex, class II, DQ alpha 1
24.5	204755_x_at	D	HLF	hepatic leukemia factor
24.3	207910_at		SCGB1D1	secretoglobin, family 1D, member 1
24.2	226364_at	D	HIP1 (includes EG:176224)	huntingtin interacting protein 1
24.2	212951_at	D	GPR116	G protein-coupled receptor 116
23.6	223775_at	D	HHIP	hedgehog interacting protein
23.5	207802_at		CRISP3	cysteine-rich secretory protein 3
23.3	242945_at	D	FAM20A	family with sequence similarity 20, member A
23.1	206004_at		TGM3	transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase)
22.8	205421_at		SLC22A3	solute carrier family 22 (extraneuronal monoamine transporter), member 3
22.7	214063_s_at	D	TF	transferrin
22.7	218711_s_at	D	SDPR	serum deprivation response
22.5	213611_at		AQP5	aquaporin 5
22.4	1558034_s_at	D	CP	ceruloplasmin (ferroxidase)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA Obstet Gynecol 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

22.3	210942_s_at		ST3GAL6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6
22.3	225855_at	D	EPB41L5	erythrocyte membrane protein band 4.1 like 5
22.2	231733_at		CARD18	caspase recruitment domain family, member 18
22.1	204735_at		PDE4A	phosphodiesterase 4A, cAMP-specific
21.7	224480_s_at		AGPAT9	1-acylglycerol-3-phosphate O-acyltransferase 9
21.6	210192_at	D	ATP8A1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1
21.5	221019_s_at		COLEC12	collectin sub-family member 12
21.4	236741_at	D	WDR72	WD repeat domain 72
21.2	222719_s_at		PDGFC	platelet derived growth factor C
21.2	205626_s_at	D	CALB1	calbindin 1, 28kDa
21.1	228933_at		NHS	Nance-Horan syndrome (congenital cataracts and dental anomalies)
20.7	204489_s_at	D	CD44 (includes EG:100330801)	CD44 molecule (Indian blood group)
20.6	239182_at	D	HOXD-AS1	HOXD cluster antisense RNA 1 (non-protein coding)
20.5	210403_s_at		KCNJ1	potassium inwardly-rectifying channel, subfamily J, member 1
20.5	1558846_at		PNLIPRP3	pancreatic lipase-related protein 3
20.5	241981_at	D	FAM20A	family with sequence similarity 20, member A
20.5	209387_s_at	D	TM4SF1	transmembrane 4 L six family member 1
20.3	1557136_at		ATP13A4	ATPase type 13A4
20.2	207336_at	D	SOX5	SRY (sex determining region Y)-box 5
20.2	205832_at		CPA4	carboxypeptidase A4
20.1	240388_at		KRT27	keratin 27
19.8	228058_at		ZG16B	zymogen granule protein 16 homolog B (rat)
19.8	213780_at		TCHH	trichohyalin
19.7	37004_at	D	SFTPB	surfactant protein B
19.6	1555800_at	D	ZNF385B	zinc finger protein 385B
19.3	234940_s_at	D	VEPH1	ventricular zone expressed PH domain homolog 1 (zebrafish)
19.3	212998_x_at	D	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1
19.2	222932_at	D	EHF	ets homologous factor
19.2	227771_at	D	LIFR	leukemia inhibitory factor receptor alpha
19.1	226459_at	D	PIK3AP1	phosphoinositide-3-kinase adaptor protein 1
18.8	206601_s_at	D	HOXD3	homeobox D3
18.6	214621_at		GYS2	glycogen synthase 2 (liver)
18.5	235272_at		SBSN	suprabasin
18.5	227848_at		PEBP4	phosphatidylethanolamine-binding protein 4
18.4	216368_s_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
18.3	220281_at		SLC12A1	solute carrier family 12 (sodium/potassium/chloride transporters), member 1
18.1	205426_s_at	D	HIP1 (includes EG:176224)	huntingtin interacting protein 1
18.0	229019_at	D	ZNF385B	zinc finger protein 385B
17.9	205522_at		HOXD4	homeobox D4

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

17.8	228979_at		SFTA3	surfactant associated 3
17.7	214913_at		ADAMTS3	ADAM metalloproteinase with thrombospondin type 1 motif, 3
17.7	221302_at	D	KLF15	Kruppel-like factor 15
17.6	206626_x_at		SSX1	synovial sarcoma, X breakpoint 1
17.6	232122_s_at	D	VEPH1	ventricular zone expressed PH domain homolog 1 (zebrafish)
17.4	213936_x_at	D	SFTPB	surfactant protein B
17.4	227174_at	D	WDR72	WD repeat domain 72
17.4	203196_at	D	ABCC4 (includes EG:10257)	ATP-binding cassette, sub-family C (CFTR/MRP), member 4
17.3	217053_x_at	D	ETV1	ets variant 1
17.3	206509_at		PIP	prolactin-induced protein
17.2	212671_s_at	D	HLA-DQA1	major histocompatibility complex, class II, DQ alpha 1
17.2	226682_at	D	RORA	RAR-related orphan receptor A
17.1	212314_at	D	SEL1L3	sel-1 suppressor of lin-12-like 3 (C. elegans)
17.1	219747_at		NDNF	neuron-derived neurotrophic factor
17.1	219616_at	D	ACSS3	acyl-CoA synthetase short-chain family member 3
16.9	241765_at	D	CPM	carboxypeptidase M
16.9	229834_at	D	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)
16.8	221911_at	D	ETV1	ets variant 1
16.6	232074_at		PRSS27	protease, serine 27
16.6	222150_s_at	D	PION	pigeon homolog (Drosophila)
16.6	240063_at		GUSBP5	glucuronidase, beta pseudogene 5
16.6	222717_at	D	SDPR	serum deprivation response
16.6	220187_at	D	STEAP4	STEAP family member 4
16.6	229476_s_at	D	THRSP	thyroid hormone responsive
16.6	220431_at		TMPRSS11E	transmembrane protease, serine 11E
16.4	209909_s_at	D	TGFB2	transforming growth factor, beta 2
16.4	215704_at		FLG	filaggrin
16.4	211981_at		COL4A1	collagen, type IV, alpha 1
16.3	211497_x_at	D	NKX3-1	NK3 homeobox 1
16.3	201467_s_at		NQO1	NAD(P)H dehydrogenase, quinone 1
16.1	240951_at	D	RORA	RAR-related orphan receptor A
16.0	210906_x_at	D	AQP4	aquaporin 4
15.9	225369_at		ESAM	endothelial cell adhesion molecule
15.9	205625_s_at	D	CALB1	calbindin 1, 28kDa
15.7	227198_at	D	AFF3	AF4/FMR2 family, member 3
15.7	243884_at		TEX26	testis expressed 26
15.7	229779_at	D	COL4A4	collagen, type IV, alpha 4
15.7	225571_at	D	LIFR	leukemia inhibitory factor receptor alpha
15.7	1555801_s_at	D	ZNF385B	zinc finger protein 385B
15.6	1563874_at	D	WDR72	WD repeat domain 72
15.5	206869_at		CHAD	chondroadherin
15.5	204508_s_at	D	CA12	carbonic anhydrase XII
15.5	211743_s_at		PRG2	proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)
15.5	1554997_a_at	D	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

15.3	204944_at		PTPRG	protein tyrosine phosphatase, receptor type, G
15.3	215454_x_at	D	SFTPC	surfactant protein C
15.2	204753_s_at	D	HLF	hepatic leukemia factor
15.2	228945_s_at	D	SLC39A8	solute carrier family 39 (zinc transporter), member 8
15.0	202157_s_at	D	CELF2	CUGBP, Elav-like family member 2
14.9	201474_s_at		ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)
14.8	226147_s_at	D	PIGR	polymeric immunoglobulin receptor
14.8	235183_at		LOC100506804	uncharacterized LOC100506804
14.7	210497_x_at		SSX2 (includes others)	synovial sarcoma, X breakpoint 2
14.6	218864_at	D	TNS1	tensin 1
14.6	218087_s_at	D	SORBS1	sorbin and SH3 domain containing 1
14.5	205876_at	D	LIFR	leukemia inhibitory factor receptor alpha
14.5	216898_s_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
14.4	220150_s_at	D	FAM184A	family with sequence similarity 184, member A
14.4	234980_at		TMEM56	transmembrane protein 56
14.3	205591_at		OLFM1	olfactomedin 1
14.2	219732_at		LPPR1	lipid phosphate phosphatase-related protein type 1
14.2	204259_at		MMP7	matrix metalloproteinase 7 (matrilysin, uterine)
14.2	204286_s_at	D	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1
14.2	222380_s_at		PDCD6	programmed cell death 6
14.1	217996_at	D	PHLDA1	pleckstrin homology-like domain, family A, member 1
14.1	235019_at	D	CPM	carboxypeptidase M
14.0	206847_s_at		HOXA7	homeobox A7
14.0	209774_x_at		CXCL2	chemokine (C-X-C motif) ligand 2
14.0	209386_at	D	TM4SF1	transmembrane 4 L six family member 1
13.9	235099_at		CMTM8	CKLF-like MARVEL transmembrane domain containing 8
13.9	214204_at		PACRG	PARK2 co-regulated
13.9	223798_at	D	SLC41A2	solute carrier family 41, member 2
13.9	206448_at		ZNF365	zinc finger protein 365
13.9	213638_at		PHACTR1	phosphatase and actin regulator 1
13.8	1553721_at	D	RNF152	ring finger protein 152
13.8	209555_s_at	D	CD36	CD36 molecule (thrombospondin receptor)
13.8	222646_s_at	D	ERO1L	ERO1-like (<i>S. cerevisiae</i>)
13.7	223720_at		SPINK7	serine peptidase inhibitor, Kazal type 7 (putative)
13.7	1559992_a_at		LOC100505967	uncharacterized LOC100505967
13.7	219633_at		TTPAL	tocopherol (alpha) transfer protein-like
13.6	1567627_at	D	CD74	CD74 molecule, major histocompatibility complex, class II invariant chain
13.5	209810_at	D	SFTPB	surfactant protein B
13.5	227642_at	D	TFCP2L1	transcription factor CP2-like 1
13.5	203348_s_at	D	ETV5	ets variant 5
13.4	243611_at		MICALCL	MICAL C-terminal like
13.4	209493_at	D	PDZD2	PDZ domain containing 2
13.3	218863_s_at	D	TNS1	tensin 1
13.3	237020_at		CATSPERD	catsper channel auxiliary subunit delta

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

13.3	210762_s_at	D	DLC1	deleted in liver cancer 1
13.2	203963_at	D	CA12	carbonic anhydrase XII
13.2	205464_at		SCNN1B	sodium channel, non-voltage-gated 1, beta subunit
13.1	201163_s_at		IGFBP7	insulin-like growth factor binding protein 7
13.0	205151_s_at		TRIL	TLR4 interactor with leucine-rich repeats
12.8	239650_at		NCKAP5	NCK-associated protein 5
12.6	211819_s_at	D	SORBS1	sorbin and SH3 domain containing 1
12.6	238017_at		SDR16C5	short chain dehydrogenase/reductase family 16C, member 5
12.5	214135_at	D	CLDN18	claudin 18
12.4	240189_at		ACOXL	acyl-CoA oxidase-like
12.4	1553973_a_at		SPINK6	serine peptidase inhibitor, Kazal type 6
12.4	210538_s_at	D	BIRC3	baculoviral IAP repeat containing 3
12.3	1556711_at		FAM216B	family with sequence similarity 216, member B
12.3	228943_at		MAP6	microtubule-associated protein 6
12.3	221910_at	D	ETV1	ets variant 1
12.3	204437_s_at		FOLR1	folate receptor 1 (adult)
12.3	210550_s_at		RASGRF1	Ras protein-specific guanine nucleotide-releasing factor 1
12.2	202291_s_at		MGP	matrix Gla protein
12.2	226067_at		BPIFB1	BPI fold containing family B, member 1
12.2	239272_at	D	MMP28	matrix metalloproteinase 28
12.2	216504_s_at	D	SLC39A8	solute carrier family 39 (zinc transporter), member 8
12.2	226621_at		OSMR	oncostatin M receptor
12.2	228103_s_at	D	NRP2	neuropilin 2
12.1	217046_s_at	D	AGER	advanced glycosylation end product-specific receptor
12.0	204213_at	D	PIGR	polymeric immunoglobulin receptor
11.9	231859_at		C14orf132	chromosome 14 open reading frame 132
11.9	209267_s_at	D	SLC39A8	solute carrier family 39 (zinc transporter), member 8
11.9	207073_at	D	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)
11.8	229464_at	D	MYEF2	myelin expression factor 2
11.7	222513_s_at	D	SORBS1	sorbin and SH3 domain containing 1
11.6	238877_at		EYA4	eyes absent homolog 4 (Drosophila)
11.5	218980_at		FHOD3	formin homology 2 domain containing 3
11.5	204621_s_at		NR4A2	nuclear receptor subfamily 4, group A, member 2
11.4	216896_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
11.3	220003_at		LRRC36	leucine rich repeat containing 36
11.2	213692_s_at		VDR	vitamin D (1,25-dihydroxyvitamin D3) receptor
11.2	1555039_a_at	D	ABCC4 (includes EG:10257)	ATP-binding cassette, sub-family C (CFTR/MRP), member 4
11.1	206488_s_at	D	CD36	CD36 molecule (thrombospondin receptor)
11.1	205290_s_at		BMP2	bone morphogenetic protein 2
11.1	243896_at		WDR96	WD repeat domain 96
11.1	200795_at		SPARCL1	SPARC-like 1 (hevin)
11.0	204072_s_at		FRY	furry homolog (Drosophila)
11.0	219159_s_at		SLAMF7	SLAM family member 7
11.0	219669_at		CD177	CD177 molecule

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

10.9	213261_at		TRANK1	tetratricopeptide repeat and ankyrin repeat containing 1
10.9	216375_s_at	D	ETV5	ets variant 5
10.8	209365_s_at		ECM1 (includes EG:100332249)	extracellular matrix protein 1
10.7	238862_at	D	MFSD4	major facilitator superfamily domain containing 4
10.7	216881_x_at		PRB4	proline-rich protein BstNI subfamily 4
10.7	221161_at		ASCL3	achaete-scute complex homolog 3 (Drosophila)
10.7	238353_at		RASL11A	RAS-like, family 11, member A
10.7	212950_at	D	GPR116	G protein-coupled receptor 116
10.7	223315_at		NTN4	netrin 4
10.7	210800_at		TIMM8A	translocase of inner mitochondrial membrane 8 homolog A (yeast)
10.6	215672_s_at	D	AHCYL2	adenosylhomocysteinase-like 2
10.6	216367_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
10.6	211656_x_at	D	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1
10.6	225745_at		LRP6	low density lipoprotein receptor-related protein 6
10.5	205317_s_at		SLC15A2	solute carrier family 15 (H+/peptide transporter), member 2
10.5	219795_at		SLC6A14	solute carrier family 6 (amino acid transporter), member 14
10.5	222071_s_at		SLCO4C1	solute carrier organic anion transporter family, member 4C1
10.4	225165_at		PPP1R1B	protein phosphatase 1, regulatory (inhibitor) subunit 1B
10.4	238385_at	D	C6orf58	chromosome 6 open reading frame 58
10.4	206193_s_at	D	CDSN	corneodesmosin
10.4	208963_x_at	D	FADS1	fatty acid desaturase 1
10.4	1553169_at		LRRN4	leucine rich repeat neuronal 4
10.4	1554712_a_at		GLYATL2	glycine-N-acyltransferase-like 2
10.3	203504_s_at	D	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1
10.3	225619_at		SLAIN1	SLAIN motif family, member 1
10.3	1560834_a_at		RMST	rhabdomyosarcoma 2 associated transcript (non-protein coding)
10.3	218857_s_at	D	ASRGL1	asparaginase like 1
10.2	205425_at	D	HIP1 (includes EG:176224)	huntingtin interacting protein 1
10.2	236289_at		LOC100506563	uncharacterized LOC100506563
10.2	229341_at	D	TFCP2L1	transcription factor CP2-like 1
10.1	239273_s_at	D	MMP28	matrix metalloproteinase 28
10.1	219703_at		MNS1	meiosis-specific nuclear structural 1
10.1	213432_at	D	MUC5AC/MUC5B	mucin 5AC, oligomeric mucus/gel-forming
10.0	1557146_a_at		LOC146336	uncharacterized LOC146336
10.0	227702_at		CYP4X1	cytochrome P450, family 4, subfamily X, polypeptide 1
10.0	230841_at	D	FAM184A	family with sequence similarity 184, member A
10.0	226066_at		MITF	microphthalmia-associated transcription factor
9.9	236523_at		LOC285556	uncharacterized LOC285556
9.8	205735_s_at	D	AFF3	AF4/FMR2 family, member 3

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

9.8	225817_at		CGNL1	cingulin-like 1
9.8	210832_x_at	D	PTGER3	prostaglandin E receptor 3 (subtype EP3)
9.8	241791_at	D	TTN (includes EG:22138)	titin
9.7	207308_at		SLCO1A2	solute carrier organic anion transporter family, member 1A2
9.7	202660_at	D	ITPR2	inositol 1,4,5-trisphosphate receptor, type 2
9.7	203505_at	D	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1
9.7	214476_at		TFF2	trefoil factor 2
9.6	212095_s_at	D	MTUS1	microtubule associated tumor suppressor 1
9.6	1553645_at		CCDC141	coiled-coil domain containing 141
9.6	243386_at		CASZ1	castor zinc finger 1
9.6	1552960_at	D	LRRC15	leucine rich repeat containing 15
9.6	233026_s_at	D	PDZD2	PDZ domain containing 2
9.5	230740_at		EHD3	EH-domain containing 3
9.5	230499_at	D	BIRC3	baculoviral IAP repeat containing 3
9.5	209821_at		IL33	interleukin 33
9.3	209457_at		DUSP5	dual specificity phosphatase 5
9.3	206319_s_at	D	SPINLW1	serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin)
9.3	240349_at	D	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit
9.2	205725_at		SCGB1A1	secretoglobulin, family 1A, member 1 (uteroglobin)
9.2	1553843_at	D	C10orf67	chromosome 10 open reading frame 67
9.2	206082_at		HCP5	HLA complex P5 (non-protein coding)
9.1	221132_at	D	CLDN18	claudin 18
9.1	243681_at	D	SHANK2	SH3 and multiple ankyrin repeat domains 2
9.1	1558324_a_at		TMEM72	transmembrane protein 72
9.0	201627_s_at	D	INSIG1	insulin induced gene 1
9.0	238356_at		DOCK11	dedicator of cytokinesis 11
9.0	205413_at	D	MPPED2	metallophosphoesterase domain containing 2
9.0	206068_s_at		ACADL	acyl-CoA dehydrogenase, long chain
9.0	217014_s_at	D	AZGP1	alpha-2-glycoprotein 1, zinc-binding
9.0	213308_at	D	SHANK2	SH3 and multiple ankyrin repeat domains 2
8.9	1558101_at	D	NFIA	nuclear factor I/A
8.9	226460_at	D	FNIP2	folliculin interacting protein 2
8.9	231945_at	D	FILIP1	filamin A interacting protein 1
8.8	235371_at	D	GXYLT2	glucoside xylosyltransferase 2
8.8	210852_s_at		AASS	aminoadipate-semialdehyde synthase
8.8	204273_at		EDNRB	endothelin receptor type B
8.8	220092_s_at		ANTXR1	anthrax toxin receptor 1
8.8	223839_s_at	D	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
8.8	230135_at	D	HHIP	hedgehog interacting protein
8.8	1557016_a_at		C1orf177	chromosome 1 open reading frame 177
8.8	227475_at		FOXQ1	forkhead box Q1
8.8	212327_at	D	LIMCH1	LIM and calponin homology domains 1
8.8	204490_s_at	D	CD44 (includes EG:100330801)	CD44 molecule (Indian blood group)
8.8	214358_at	D	ACACA	acetyl-CoA carboxylase alpha

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

8.7	204081_at		NRGN	neurogranin (protein kinase C substrate, RC3)
8.7	227856_at		C4orf32	chromosome 4 open reading frame 32
8.7	221245_s_at		FZD5	frizzled family receptor 5
8.7	202422_s_at		ACSL4	acyl-CoA synthetase long-chain family member 4
8.7	215808_at	D	KLK10	kallikrein-related peptidase 10
8.7	210682_at		LPO	lactoperoxidase
8.7	233534_at		KRTAP3-2	keratin associated protein 3-2
8.7	217997_at	D	PHLDA1	pleckstrin homology-like domain, family A, member 1
8.7	1562722_at		PRR20A (includes others)	proline rich 20A
8.7	222484_s_at		CXCL14	chemokine (C-X-C motif) ligand 14
8.6	212830_at		MEGF9	multiple EGF-like-domains 9
8.6	1556037_s_at	D	HHIP	hedgehog interacting protein
8.6	222874_s_at		CLN8	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)
8.6	222764_at	D	ASRGL1	asparaginase like 1
8.6	214434_at		HSPA12A	heat shock 70kDa protein 12A
8.6	213909_at	D	LRRC15	leucine rich repeat containing 15
8.6	203349_s_at	D	ETV5	ets variant 5
8.6	214223_at		PTP4A3	protein tyrosine phosphatase type IVA, member 3
8.5	214723_x_at		ANKRD36B (includes others)	ankyrin repeat domain 36B
8.5	216893_s_at	D	COL4A3	collagen, type IV, alpha 3 (Goodpasture antigen)
8.4	219195_at		PPARGC1A	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
8.4	240065_at		FAM81B	family with sequence similarity 81, member B
8.4	209842_at		SOX10	SRY (sex determining region Y)-box 10
8.4	242349_at	D	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1
8.4	211685_s_at		NCALD	neurocalcin delta
8.4	221221_s_at		KLHL3	kelch-like 3 (Drosophila)
8.4	211425_x_at		SSX4/SSX4B	synovial sarcoma, X breakpoint 4
8.4	233488_at	D	RNASE7	ribonuclease, RNase A family, 7
8.3	211726_s_at	D	FMO2	flavin containing monooxygenase 2 (non-functional)
8.3	215274_at		SLC12A3	solute carrier family 12 (sodium/chloride transporters), member 3
8.3	203021_at		SLPI	secretory leukocyte peptidase inhibitor
8.3	205466_s_at		HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1
8.3	1554074_s_at		SLFNL1	schlafen-like 1
8.2	1557014_a_at		FAM201A	family with sequence similarity 201, member A
8.2	215026_x_at	D	SCNN1A	sodium channel, non-voltage-gated 1 alpha subunit
8.2	213150_at	D	HOXA10	homeobox A10
8.2	212814_at	D	AHCYL2	adenosylhomocysteinase-like 2
8.2	1556421_at		LOC286189	uncharacterized LOC286189
8.2	228347_at	D	SIX1	SIX homeobox 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

8.2	233903_s_at	D	ARHGEF26	Rho guanine nucleotide exchange factor (GEF) 26
8.1	244056_at		SFTA2	surfactant associated 2
8.1	1564307_a_at		A2ML1	alpha-2-macroglobulin-like 1
8.1	230956_at	D	C11orf92	chromosome 11 open reading frame 92
8.0	1555579_s_at	D	PTPRM	protein tyrosine phosphatase, receptor type, M
8.0	228121_at	D	TGFB2	transforming growth factor, beta 2
8.0	228268_at	D	FMO2	flavin containing monooxygenase 2 (non-functional)
8.0	205975_s_at		HOXD1	homeobox D1
8.0	231966_at	D	PPP1R9A	protein phosphatase 1, regulatory subunit 9A
8.0	209966_x_at		ESRRG	estrogen-related receptor gamma
8.0	1557905_s_at	D	CD44 (includes EG:100330801)	CD44 molecule (Indian blood group)
7.9	216841_s_at	D	SOD2	superoxide dismutase 2, mitochondrial
7.9	241603_at	D	ATP11A	ATPase, class VI, type 11A
7.9	217061_s_at	D	ETV1	ets variant 1
7.9	212365_at	D	MYO1B	myosin IB
7.9	204919_at		PRR4	proline rich 4 (lacrimal)
7.9	206067_s_at		WT1	Wilms tumor 1
7.9	221884_at	D	MECOM	MDS1 and EVI1 complex locus
7.8	202587_s_at		AK1	adenylate kinase 1
7.8	p		STS	steroid sulfatase (microsomal), isozyme S
7.8	1553055_a_at	D	SLFN5	schlafen family member 5
7.8	209835_x_at	D	CD44 (includes EG:100330801)	CD44 molecule (Indian blood group)
7.8	224062_x_at		KLK4	kallikrein-related peptidase 4
7.8	212364_at	D	MYO1B	myosin IB
7.8	207357_s_at	D	GALNT10	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)
7.7	206192_at	D	CDSN	corneodesmosin
7.7	219882_at		TLL7	tubulin tyrosine ligase-like family, member 7
7.7	220034_at		IRAK3	interleukin-1 receptor-associated kinase 3
7.7	227400_at	D	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)
7.7	225564_at		SPATA13	spermatogenesis associated 13
7.7	231315_at	D	NKX2-1	NK2 homeobox 1
7.7	226770_at	D	MAGI3	membrane associated guanylate kinase, WW and PDZ domain containing 3
7.7	204698_at		ISG20	interferon stimulated exonuclease gene 20kDa
7.7	210479_s_at	D	RORA	RAR-related orphan receptor A
7.6	209794_at		SRGAP3	SLIT-ROBO Rho GTPase activating protein 3
7.6	203329_at	D	PTPRM	protein tyrosine phosphatase, receptor type, M
7.6	209409_at		GRB10	growth factor receptor-bound protein 10
7.6	212274_at	D	LPIN1	lipin 1
7.6	205067_at	D	IL1B	interleukin 1, beta
7.6	203699_s_at		DIO2	deiodinase, iodothyronine, type II
7.6	206873_at		CA6	carbonic anhydrase VI

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

7.6	213106_at	D	ATP8A1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1
7.6	230114_at		HOXB8	homeobox B8
7.6	229222_at	D	ACSS3	acyl-CoA synthetase short-chain family member 3
7.5	212328_at	D	LIMCH1	LIM and calponin homology domains 1
7.5	224822_at	D	DLC1	deleted in liver cancer 1
7.5	221874_at		KIAA1324	KIAA1324
7.5	212510_at		GPD1L	glycerol-3-phosphate dehydrogenase 1-like
7.5	204942_s_at		ALDH3B2	aldehyde dehydrogenase 3 family, member B2
7.4	215264_at		EMX1	empty spiracles homeobox 1
7.4	231015_at	D	KLF15	Kruppel-like factor 15
7.4	221747_at	D	TNS1	tensin 1
7.4	208325_s_at	D	AKAP13	A kinase (PRKA) anchor protein 13
7.4	229273_at		SALL1	sal-like 1 (Drosophila)
7.4	203929_s_at		MAPT	microtubule-associated protein tau
7.4	227529_s_at	D	AKAP12	A kinase (PRKA) anchor protein 12
7.4	224884_at	D	AKAP13	A kinase (PRKA) anchor protein 13
7.4	1563772_a_at	D	LAMA3	laminin, alpha 3
7.4	228325_at		KIAA0146	KIAA0146
7.4	237719_x_at		RGS7BP	regulator of G-protein signaling 7 binding protein
7.4	203180_at		ALDH1A3	aldehyde dehydrogenase 1 family, member A3
7.3	210272_at		CYP2B7P1	cytochrome P450, family 2, subfamily B, polypeptide 7 pseudogene 1
7.3	205922_at		VNN2	vanin 2
7.3	226609_at		DCBLD1	discoidin, CUB and LCCL domain containing 1
7.3	221718_s_at	D	AKAP13	A kinase (PRKA) anchor protein 13
7.3	202986_at		ARNT2	aryl-hydrocarbon receptor nuclear translocator 2
7.3	206100_at	D	CPM	carboxypeptidase M
7.3	234699_at	D	RNASE7	ribonuclease, RNase A family, 7
7.3	218692_at		SYBU	syntabulin (syntaxin-interacting)
7.3	225551_at		CNST	consortin, connexin sorting protein
7.3	227197_at	D	ARHGEF26	Rho guanine nucleotide exchange factor (GEF) 26
7.3	236632_at		LOC646576	uncharacterized LOC646576
7.3	209992_at	D	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
7.2	210512_s_at	D	VEGFA	vascular endothelial growth factor A
7.2	227908_at		TBC1D24	TBC1 domain family, member 24
7.2	218498_s_at	D	ERO1L	ERO1-like (S. cerevisiae)
7.1	204424_s_at	D	LMO3	LIM domain only 3 (rhombotin-like 2)
7.1	224048_at		USP44	ubiquitin specific peptidase 44
7.1	204712_at		WIF1	WNT inhibitory factor 1
7.1	229047_at	D	PLEKHB1	pleckstrin homology domain containing, family B (evectins) member 1
7.1	234312_s_at		ACSS2	acyl-CoA synthetase short-chain family member 2
7.1	223729_at		CECR2	cat eye syndrome chromosome region, candidate 2
7.1	212990_at		SYNJ1	synaptojanin 1
7.0	243894_at	D	SLC41A2	solute carrier family 41, member 2

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

7.0	219850_s_at	D	EHF	ets homologous factor
7.0	220907_at		GPR110	G protein-coupled receptor 110
7.0	208747_s_at		C1S	complement component 1, s subcomponent
6.9	224189_x_at	D	EHF	ets homologous factor
6.9	213293_s_at		TRIM22	tripartite motif containing 22
6.9	238625_at		C1orf168	chromosome 1 open reading frame 168
6.9	204343_at		ABCA3	ATP-binding cassette, sub-family A (ABC1), member 3
6.9	200862_at		DHCR24	24-dehydrocholesterol reductase
6.9	204201_s_at		PTPN13	protein tyrosine phosphatase, non-receptor type 13 (APO-1/CD95 (Fas)-associated phosphatase)
6.9	234700_s_at	D	RNASE7	ribonuclease, RNase A family, 7
6.9	204285_s_at	D	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1
6.9	1554397_s_at		UEVLD	UEV and lactate/malate dehydrogenase domains
6.9	219511_s_at		SNCAIP	synuclein, alpha interacting protein
6.9	231083_at	D	ETV5	ets variant 5
6.8	38037_at		HBEGF	heparin-binding EGF-like growth factor
6.8	210426_x_at	D	RORA	RAR-related orphan receptor A
6.8	200832_s_at	D	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
6.8	217998_at	D	PHLDA1	pleckstrin homology-like domain, family A, member 1
6.8	212014_x_at	D	CD44 (includes EG: 100330801)	CD44 molecule (Indian blood group)
6.8	232073_at		PPFIA2	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 2
6.8	206714_at	D	ALOX15B	arachidonate 15-lipoxygenase, type B
6.8	217767_at		C3	complement component 3
6.8	205960_at		PDK4	pyruvate dehydrogenase kinase, isozyme 4
6.7	202068_s_at		LDLR	low density lipoprotein receptor
6.7	1565525_a_at	D	TCP11L2	t-complex 11 (mouse)-like 2
6.7	219564_at		KCNJ16	potassium inwardly-rectifying channel, subfamily J, member 16
6.7	206197_at		NME5	non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase)
6.7	229177_at		C16orf89	chromosome 16 open reading frame 89
6.7	1559517_a_at	D	SPIRE1	spire homolog 1 (Drosophila)
6.7	221748_s_at	D	TNS1	tensin 1
6.7	209230_s_at		NUPR1	nuclear protein, transcriptional regulator, 1
6.7	204597_x_at		STC1	stanniocalcin 1
6.7	228762_at		LFNG	LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase
6.6	1553533_at		JPH1	junctophilin 1
6.6	206119_at		BHMT	betaine--homocysteine S-methyltransferase
6.6	228565_at		KIAA1804	mixed lineage kinase 4
6.6	229638_at		IRX3	iroquois homeobox 3
6.6	219478_at		WFDC1	WAP four-disulfide core domain 1
6.6	226098_at		IFT80	intraflagellar transport 80 homolog (Chlamydomonas)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

6.6	200600_at		MSN	moesin
6.6	227253_at	D	CP	ceruloplasmin (ferroxidase)
6.6	212096_s_at	D	MTUS1	microtubule associated tumor suppressor 1
6.6	222771_s_at	D	MYEF2	myelin expression factor 2
6.6	228051_at	D	KIAA1244	KIAA1244
6.6	233882_s_at		SEMA6D	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D
6.5	1554824_at		ZNF585A	zinc finger protein 585A
6.5	214354_x_at	D	SFTPB	surfactant protein B
6.5	226333_at		IL6R	interleukin 6 receptor
6.5	208234_x_at	D	FGFR2	fibroblast growth factor receptor 2
6.5	229930_at		LOC100134361	uncharacterized LOC100134361
6.5	225728_at		SORBS2	sorbin and SH3 domain containing 2
6.5	206054_at		KNG1	kininogen 1
6.5	210239_at		IRX5	iroquois homeobox 5
6.5	231747_at		CYSLTR1	cysteinyl leukotriene receptor 1
6.5	236241_at		MED31	mediator complex subunit 31
6.5	230309_at	D	BHMT2	betaine--homocysteine S-methyltransferase 2
6.5	241604_at	D	ATP11A	ATPase, class VI, type 11A
6.4	205442_at		MFAP3L	microfibrillar-associated protein 3-like
6.4	1556183_at		ANKRD36BP2	ankyrin repeat domain 36B pseudogene 2
6.4	240183_at	D	TMEM213	transmembrane protein 213
6.4	213442_x_at	D	SPDEF	SAM pointed domain containing ets transcription factor
6.4	229969_at	D	SEC63 (includes EG: 11231)	SEC63 homolog (S. cerevisiae)
6.4	220168_at		CASC1	cancer susceptibility candidate 1
6.4	217967_s_at	D	FAM129A	family with sequence similarity 129, member A
6.4	1559167_x_at		MPV17L	MPV17 mitochondrial membrane protein-like
6.4	241713_s_at		DYX1C1	dyslexia susceptibility 1 candidate 1
6.4	217076_s_at	D	HOXD3	homeobox D3
6.4	231348_s_at	D	LMO3	LIM domain only 3 (rhombotin-like 2)
6.4	225045_at		CCDC88A	coiled-coil domain containing 88A
6.4	212935_at	D	MCF2L	MCF.2 cell line derived transforming sequence-like
6.3	1552449_a_at		LOC653486/SCGB1C1	secretoglobin, family 1C, member 1
6.3	204115_at		GNG11	guanine nucleotide binding protein (G protein), gamma 11
6.3	242985_x_at		RNF180	ring finger protein 180
6.3	225924_at	D	FNIP2	folliculin interacting protein 2
6.3	1554001_at	D	TRIM37	tripartite motif containing 37
6.3	235733_at	D	GXYLT2	glucoside xylosyltransferase 2
6.3	226377_at	D	NFIC	nuclear factor I/C (CCAAT-binding transcription factor)
6.3	208250_s_at		DMBT1	deleted in malignant brain tumors 1
6.3	220609_at		LOC202181	chromosome 5 open reading frame 25 pseudogene
6.3	210652_s_at		TTC39A	tetratricopeptide repeat domain 39A
6.2	215184_at	D	DAPK2	death-associated protein kinase 2
6.2	217550_at		ATF6	activating transcription factor 6

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

6.2	215216_at		VPS16 (includes EG:296159)	vacuolar protein sorting 16 homolog (<i>S. cerevisiae</i>)
6.2	211323_s_at	D	ITPR1	inositol 1,4,5-trisphosphate receptor, type 1
6.2	1554541_a_at	D	GPRIN2	G protein regulated inducer of neurite outgrowth 2
6.2	209792_s_at	D	KLK10	kallikrein-related peptidase 10
6.2	207277_at		CD209	CD209 molecule
6.2	1560712_at		TMPRSS11B	transmembrane protease, serine 11B
6.2	239380_at		C5orf27	chromosome 5 open reading frame 27
6.2	220962_s_at		PADI1	peptidyl arginine deiminase, type I
6.2	239381_at	D	KLK7	kallikrein-related peptidase 7
6.2	1564000_at		ANKRD31	ankyrin repeat domain 31
6.1	210831_s_at	D	PTGER3	prostaglandin E receptor 3 (subtype EP3)
6.1	209716_at		CSF1 (includes EG:12977)	colony stimulating factor 1 (macrophage) microtubule associated tumor suppressor 1
6.1	212093_s_at	D	MTUS1	
6.1	209732_at		CLEC2B	C-type lectin domain family 2, member B
6.1	202510_s_at		TNFAIP2	tumor necrosis factor, alpha-induced protein 2
6.1	221950_at		EMX2	empty spiracles homeobox 2
6.1	244121_at		UBR3	ubiquitin protein ligase E3 component n-recognin 3 (putative)
6.1	211267_at		HESX1	HESX homeobox 1
6.1	236266_at	D	RORA	RAR-related orphan receptor A
6.0	210916_s_at	D	CD44 (includes EG:100330801)	CD44 molecule (Indian blood group)
6.0	243967_at	D	AFF3	AF4/FMR2 family, member 3
6.0	213298_at	D	NFIC	nuclear factor I/C (CCAAT-binding transcription factor)
6.0	213802_at		PRSS12	protease, serine, 12 (neurotrypsin, motopsin)
6.0	212325_at	D	LIMCH1	LIM and calponin homology domains 1
6.0	235643_at		SAMD9L	sterile alpha motif domain containing 9-like
6.0	207542_s_at	D	AQP1	aquaporin 1 (Colton blood group)
6.0	1563887_at		INTS4L1	integrator complex subunit 4-like 1
6.0	214321_at		NOV	nephroblastoma overexpressed
6.0	227408_s_at	D	SNX25	sorting nexin 25
6.0	218974_at		SOBP	sine oculis binding protein homolog (<i>Drosophila</i>)
5.9	209807_s_at	D	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)
5.9	1554508_at	D	PIK3AP1	phosphoinositide-3-kinase adaptor protein 1
5.9	238755_at		RASSF10	Ras association (RalGDS/AF-6) domain family (N-terminal) member 10
5.9	205627_at		CDA	cytidine deaminase
5.9	203638_s_at	D	FGFR2	fibroblast growth factor receptor 2
5.9	209309_at	D	AZGP1	alpha-2-glycoprotein 1, zinc-binding
5.9	210068_s_at	D	AQP4	aquaporin 4
5.9	201943_s_at		CPD	carboxypeptidase D
5.8	212311_at	D	SEL1L3	sel-1 suppressor of lin-12-like 3 (<i>C. elegans</i>)
5.8	241174_at		AP4E1	adaptor-related protein complex 4, epsilon 1 subunit

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

5.8	1569608_x_at		ANKRD20A9P	ankyrin repeat domain 20 family, member A9, pseudogene
5.8	218530_at		FHOD1	formin homology 2 domain containing 1
5.8	213644_at		CEP112	centrosomal protein 112kDa
5.8	205513_at		TCN1	transcobalamin I (vitamin B12 binding protein, R binder family)
5.8	227039_at	D	AKAP13	A kinase (PRKA) anchor protein 13
5.8	216933_x_at		APC	adenomatous polyposis coli
5.8	223510_at	D	NRP2	neuropilin 2
5.8	238430_x_at	D	SLFN5	schlafen family member 5
5.8	205334_at		S100A1	S100 calcium binding protein A1
5.8	211654_x_at	D	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1
5.7	226310_at		RICTOR	RPTOR independent companion of MTOR, complex 2
5.7	204268_at		S100A2	S100 calcium binding protein A2
5.7	216074_x_at	D	WWC1	WW and C2 domain containing 1
5.7	235948_at		RIMKLA	ribosomal modification protein rimK-like family member A
5.7	1553845_x_at	D	C10orf67	chromosome 10 open reading frame 67
5.7	223541_at		HAS3	hyaluronan synthase 3
5.7	229831_at		CNTN3	contactin 3 (plasmacytoma associated)
5.7	215702_s_at		CFTR	cystic fibrosis transmembrane conductance regulator (ATP-binding cassette sub-family C, member 7)
5.7	204542_at		ST6GALNAC2	ST6 (alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2
5.7	1555142_at		SLC9B1	solute carrier family 9, subfamily B (NHA1, cation proton antiporter 1), member 1
5.7	205756_s_at		F8	coagulation factor VIII, procoagulant component
5.7	219799_s_at	D	DHRS9	dehydrogenase/reductase (SDR family) member 9
5.7	223806_s_at		NAPSA	napsin A aspartic peptidase
5.7	228806_at	D	RORC	RAR-related orphan receptor C
5.6	219270_at		CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)
5.6	240838_s_at		LOC145837	uncharacterized LOC145837
5.6	227194_at		FAM3B	family with sequence similarity 3, member B
5.6	211991_s_at		HLA-DPA1	major histocompatibility complex, class II, DP alpha 1
5.6	220406_at	D	TGFB2	transforming growth factor, beta 2
5.6	207861_at		CCL22	chemokine (C-C motif) ligand 22
5.6	1557042_at		KCNQ3	potassium voltage-gated channel, KQT-like subfamily, member 3
5.6	229821_at	D	LRRC37A3 (includes others)	leucine rich repeat containing 37, member A3
5.6	224995_at	D	SPIRE1	spire homolog 1 (Drosophila)
5.6	221246_x_at	D	TNS1	tensin 1
5.6	206595_at		CST6 (includes EG:1474)	cystatin E/M
5.5	218211_s_at		MLPH	melanophilin
5.5	227919_at		UCA1	urothelial cancer associated 1 (non-protein coding)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

5.5	213243_at	D	VPS13B	vacuolar protein sorting 13 homolog B (yeast)
5.5	206199_at		CEACAM7	carcinoembryonic antigen-related cell adhesion molecule 7
5.5	212531_at		LCN2	lipocalin 2
5.5	219849_at		ZNF671	zinc finger protein 671
5.5	236225_at		GGT6	gamma-glutamyltransferase 6
5.5	218000_s_at	D	PHLDA1	pleckstrin homology-like domain, family A, member 1
5.5	207605_x_at		ZNF117	zinc finger protein 117
5.5	217292_at		MTMR7	myotubularin related protein 7
5.4	230102_at	D	ETV5	ets variant 5
5.4	203453_at	D	SCNN1A	sodium channel, non-voltage-gated 1 alpha subunit
5.4	243818_at		SFTA1P	surfactant associated 1, pseudogene
5.4	205009_at		TFF1	trefoil factor 1
5.4	225645_at	D	EHF	ets homologous factor
5.4	235845_at		SP5	Sp5 transcription factor
5.4	200831_s_at	D	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
5.4	217557_s_at	D	CPM	carboxypeptidase M
5.4	203217_s_at	D	ST3GAL5	ST3 beta-galactoside alpha-2,3-sialyltransferase 5
5.4	211708_s_at	D	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
5.4	214433_s_at	D	SELENBP1	selenium binding protein 1
5.4	1562226_at		VWDE	von Willebrand factor D and EGF domains
5.4	204733_at		KLK6	kallikrein-related peptidase 6
5.4	240304_s_at		TMC5	transmembrane channel-like 5
5.3	229477_at	D	THRSP	thyroid hormone responsive
5.3	228568_at		GCOM1	GRINL1A complex locus 1
5.3	232207_at		GUSBP4	glucuronidase, beta pseudogene 4
5.3	205646_s_at		PAX6	paired box 6
5.3	202464_s_at		PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
5.3	206558_at		SIM2	single-minded homolog 2 (Drosophila)
5.3	200856_x_at		NCOR1	nuclear receptor corepressor 1
5.3	226922_at	D	RANBP2	RAN binding protein 2
5.3	1561973_at		SMARCC2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2
5.3	225922_at	D	FNIP2	folliculin interacting protein 2
5.3	1554807_a_at	D	SPIRE1	spire homolog 1 (Drosophila)
5.3	217966_s_at	D	FAM129A	family with sequence similarity 129, member A
5.3	226895_at	D	NFIC	nuclear factor I/C (CCAAT-binding transcription factor)
5.3	215563_s_at		MST1P9	macrophage stimulating 1 (hepatocyte growth factor-like) pseudogene 9
5.2	238125_at		ADAMTS16	ADAM metallopeptidase with thrombospondin type 1 motif, 16
5.2	201604_s_at		PPP1R12A	protein phosphatase 1, regulatory subunit 12A
5.2	233134_at		RPH3AL	rabphilin 3A-like (without C2 domains)
5.2	207902_at		IL5RA	interleukin 5 receptor, alpha
5.2	1558293_at		KIAA1107	KIAA1107
5.2	228575_at		IL20RB	interleukin 20 receptor beta

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

5.2	202156_s_at	D	CELF2	CUGBP, Elav-like family member 2
5.2	206553_at		OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa
5.2	202523_s_at		SPOCK2	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2
5.2	213447_at		IPW	imprinted in Prader-Willi syndrome (non-protein coding)
5.2	206501_x_at	D	ETV1	ets variant 1
5.2	219298_at		ECHDC3	enoyl CoA hydratase domain containing 3
5.2	1553033_at		SYTL5	synaptotagmin-like 5
5.2	226553_at		TMPRSS2	transmembrane protease, serine 2
5.2	227707_at	D	MYLIP	myosin regulatory light chain interacting protein
5.2	220999_s_at	D	CYFIP2	cytoplasmic FMR1 interacting protein 2
5.2	1553705_a_at		CHRM3	cholinergic receptor, muscarinic 3
5.1	219630_at	D	PDZK1IP1	PDZK1 interacting protein 1
5.1	217478_s_at		HLA-DMA	major histocompatibility complex, class II, DM alpha
5.1	201605_x_at		CNN2	calponin 2
5.1	242372_s_at	D	MFSD4	major facilitator superfamily domain containing 4
5.1	1559988_at	D	ZNF483	zinc finger protein 483
5.1	218775_s_at	D	WWC2	WW and C2 domain containing 2
5.1	211695_x_at	D	MUC1	mucin 1, cell surface associated
5.1	205489_at		CRYM	crystallin, mu
5.0	205414_s_at		ARHGAP44	Rho GTPase activating protein 44
5.0	239593_at	D	TMEM213	transmembrane protein 213
5.0	1560767_at		HCG22	HLA complex group 22 (non-protein coding)
5.0	241752_at	D	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), member 1
5.0	201626_at	D	INSIG1	insulin induced gene 1
5.0	211163_s_at	D	TNFRSF10C	tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain
5.0	1561615_s_at	D	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), member 1
5.0	207345_at		FST	follicle-stimulating hormone receptor 1
5.0	203498_at		RCAN2	regulator of calcineurin 2
5.0	236037_at	D	KIAA1244	KIAA1244
4.9	231646_at		DPCR1	diffuse panbronchiolitis critical region 1
4.9	206251_s_at		AVPR1A	arginine vasopressin receptor 1A
4.9	231540_at		LOC100130691	uncharacterized LOC100130691
4.9	218507_at	D	HILPDA	hypoxia inducible lipid droplet-associated
4.9	1554606_at		CEP120	centrosomal protein 120kDa
4.9	208237_x_at		ADAM22	ADAM metalloproteinase domain 22
4.9	1553239_at		FAM124A	family with sequence similarity 124A
4.9	205299_s_at		BTN2A2	butyrophilin, subfamily 2, member A2
4.9	1555336_a_at		ITGA9	integrin, alpha 9
4.9	205206_at		KAL1	Kallmann syndrome 1 sequence
4.9	223874_at		ACTR3C	ARP3 actin-related protein 3 homolog C (yeast)
4.9	1554452_a_at	D	HILPDA	hypoxia inducible lipid droplet-associated
4.9	214229_at	D	DNAH17	dynein, axonemal, heavy chain 17
4.9	222496_s_at	D	RBM47	RNA binding motif protein 47
4.9	235759_at	D	LOC100127983	uncharacterized LOC100127983

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

4.9	207059_at		PAX9	paired box 9
4.9	211024_s_at	D	NKX2-1	NK2 homeobox 1
4.9	208498_s_at		AMY1A (includes others)	amylase, alpha 1A (salivary)
4.9	35147_at	D	MCF2L	MCF.2 cell line derived transforming sequence-like
4.9	215223_s_at	D	SOD2	superoxide dismutase 2, mitochondrial
4.9	229659_s_at	D	PIGR	polymeric immunoglobulin receptor
4.8	204204_at		SLC31A2	solute carrier family 31 (copper transporters), member 2
4.8	1555388_s_at	D	SNX25	sorting nexin 25
4.8	1554462_a_at		DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9
4.8	216462_at		SS18	synovial sarcoma translocation, chromosome 18
4.8	233550_s_at		SLC4A11	solute carrier family 4, sodium borate transporter, member 11
4.8	230931_at		PLG	plasminogen
4.8	211657_at		CEACAM1 (includes others)	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
4.8	212195_at	D	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M receptor)
4.8	1566605_at	D	TEX9	testis expressed 9
4.8	204498_s_at		ADCY9	adenylate cyclase 9
4.8	206275_s_at	D	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2
4.8	237058_x_at		SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA), member 13
4.8	1557290_at		DPY19L2P1	dpy-19-like 2 pseudogene 1 (C. elegans)
4.8	238285_at	D	SOX5	SRY (sex determining region Y)-box 5
4.8	218966_at		MYO5C	myosin VC
4.8	226420_at	D	MECOM	MDS1 and EVI1 complex locus
4.8	235747_at	D	SLC25A16	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16
4.8	218627_at		DRAM1	DNA-damage regulated autophagy modulator 1
4.8	226438_at		SNTB1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1)
4.8	238454_at		ZNF540	zinc finger protein 540
4.7	230875_s_at	D	ATP11A	ATPase, class VI, type 11A
4.7	210833_at	D	PTGER3	prostaglandin E receptor 3 (subtype EP3)
4.7	205817_at	D	SIX1	SIX homeobox 1
4.7	214651_s_at		HOXA9	homeobox A9
4.7	237280_at		TCTE1	t-complex-associated-testis-expressed 1
4.7	227178_at	D	CELF2	CUGBP, Elav-like family member 2
4.7	211494_s_at		SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4
4.7	220220_at	D	LRRC37A3 (includes others)	leucine rich repeat containing 37, member A3
4.7	207629_s_at	D	ARHGEF2	Rho/Rac guanine nucleotide exchange factor (GEF) 2
4.7	220542_s_at		BPIFA1	BPI fold containing family A, member 1
4.7	209619_at	D	CD74	CD74 molecule, major histocompatibility complex, class II invariant chain

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

4.7	225478_at	D	MFHAS1	malignant fibrous histiocytoma amplified sequence 1
4.7	244764_at		HIVEP3	human immunodeficiency virus type 1 enhancer binding protein 3
4.7	204748_at	D	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
4.7	202893_at		UNC13B	unc-13 homolog B (<i>C. elegans</i>)
4.7	225532_at		CABLES1	Cdk5 and Abl enzyme substrate 1
4.6	206301_at		TEC (includes EG:21682)	tec protein tyrosine kinase
4.6	214403_x_at	D	SPDEF	SAM pointed domain containing ets transcription factor
4.6	231906_at		HOXD8	homeobox D8
4.6	213900_at		FAM189A2	family with sequence similarity 189, member A2
4.6	227556_at		NME7	non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase)
4.6	232317_at		PLXNA4	plexin A4
4.6	223063_at		C1orf198	chromosome 1 open reading frame 198
4.6	225548_at	D	SHROOM3	shroom family member 3
4.6	1554205_s_at	D	ICA1L	islet cell autoantigen 1,69kDa-like phosphodiesterase 1A, calmodulin-dependent
4.6	242789_at		PDE1A	
4.6	1553589_a_at	D	PDZK1IP1	PDZK1 interacting protein 1
4.6	1555416_a_at	D	ALOX15B	arachidonate 15-lipoxygenase, type B
4.6	205396_at		SMAD3	SMAD family member 3
4.6	220098_at		HYDIN	HYDIN, axonemal central pair apparatus protein
4.6	240890_at		LOC643733	caspase 4, apoptosis-related cysteine peptidase pseudogene
4.6	202805_s_at		ABCC1	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
4.6	209234_at		KIF1B	kinesin family member 1B
4.6	214617_at		PRF1	perforin 1 (pore forming protein)
4.6	218396_at		VPS13C	vacuolar protein sorting 13 homolog C (<i>S. cerevisiae</i>)
4.5	244692_at		CYP4F22	cytochrome P450, family 4, subfamily F, polypeptide 22
4.5	203387_s_at		TBC1D4	TBC1 domain family, member 4
4.5	225731_at		ANKRD50	ankyrin repeat domain 50
4.5	203710_at	D	ITPR1	inositol 1,4,5-trisphosphate receptor, type 1
4.5	212538_at	D	DOCK9	dedicator of cytokinesis 9
4.5	232899_at		FAM41C	family with sequence similarity 41, member C
4.5	222892_s_at		TMEM40	transmembrane protein 40
4.5	209515_s_at	D	RAB27A	RAB27A, member RAS oncogene family
4.5	1570534_a_at	D	ZNF483	zinc finger protein 483
4.5	1553436_at		MUC19 (includes EG:239611)	mucin 19, oligomeric
4.4	1558807_at		ATAD2B	ATPase family, AAA domain containing 2B
4.4	1559326_at	D	DIO3OS	DIO3 opposite strand/antisense RNA (non-protein coding)
4.4	213956_at	D	CEP350	centrosomal protein 350kDa
4.4	202372_at		RAB3GAP2	RAB3 GTPase activating protein subunit 2 (non-catalytic)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

4.4	207434_s_at		FXD2	FXD domain containing ion transport regulator 2
4.4	205470_s_at		KLK11	kallikrein-related peptidase 11
4.4	41856_at		UNC5B	unc-5 homolog B (C. elegans)
4.4	202053_s_at	D	ALDH3A2	aldehyde dehydrogenase 3 family, member A2
4.4	226003_at	D	KIF21A	kinesin family member 21A
4.4	215193_x_at		HLA-DRB1	major histocompatibility complex, class II, DR beta 1
4.4	203416_at		CD53	CD53 molecule
4.4	201432_at	D	CAT	catalase
4.4	234337_at		TTLL9	tubulin tyrosine ligase-like family, member 9
4.4	211081_s_at		MAP4K5	mitogen-activated protein kinase kinase kinase kinase 5
4.4	204373_s_at	D	CEP350	centrosomal protein 350kDa
4.4	1554789_a_at		PDE8B	phosphodiesterase 8B
4.3	233267_at	D	SELENBP1	selenium binding protein 1
4.3	210057_at		SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)
4.3	217999_s_at	D	PHLDA1	pleckstrin homology-like domain, family A, member 1
4.3	226960_at		CXCL17	chemokine (C-X-C motif) ligand 17
4.3	232676_x_at	D	MYEF2	myelin expression factor 2
4.3	206929_s_at	D	NFIC	nuclear factor I/C (CCAAT-binding transcription factor)
4.3	223422_s_at		ARHGAP24	Rho GTPase activating protein 24
4.3	211580_s_at		PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
4.3	212202_s_at	D	TMEM87A	transmembrane protein 87A
4.3	1562387_at		C5orf42	chromosome 5 open reading frame 42
4.3	203080_s_at		BAZ2B	bromodomain adjacent to zinc finger domain, 2B
4.3	224307_x_at	D	MAGI3	membrane associated guanylate kinase, WW and PDZ domain containing 3
4.3	226352_at		JMY	junction mediating and regulatory protein, p53 cofactor
4.3	204836_at		GLDC	glycine dehydrogenase (decarboxylating)
4.3	220623_s_at		TSGA10	testis specific, 10
4.2	212975_at		DENND3	DENN/MADD domain containing 3
4.2	242088_at	D	KLHL24	kelch-like 24 (Drosophila)
4.2	212552_at		HPCAL1	hippocalcin-like 1
4.2	206324_s_at	D	DAPK2	death-associated protein kinase 2
4.2	222024_s_at	D	AKAP13	A kinase (PRKA) anchor protein 13
4.2	219157_at		KLHL2	kelch-like 2, Mayven (Drosophila)
4.2	226653_at		MARK1	MAP/microtubule affinity-regulating kinase 1
4.2	202831_at		GPX2	glutathione peroxidase 2 (gastrointestinal)
4.2	236630_at		AQP2	aquaporin 2 (collecting duct)
4.2	201664_at	D	SMC4	structural maintenance of chromosomes 4
4.2	236519_at		C9orf135	chromosome 9 open reading frame 135
4.2	40284_at		FOXA2	forkhead box A2
4.2	204404_at		SLC12A2	solute carrier family 12 (sodium/potassium/chloride transporters), member 2
4.2	212470_at	D	SPAG9	sperm associated antigen 9
4.2	219227_at		CCNJL	cyclin J-like

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

4.2	208964_s_at	D	FADS1	fatty acid desaturase 1
4.2	203917_at		CXADR	coxsackie virus and adenovirus receptor
4.2	1555409_a_at	D	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3
4.2	212972_x_at		APBB2	amyloid beta (A4) precursor protein-binding, family B, member 2
4.2	210397_at		DEFB1 (human)	defensin, beta 1
4.2	219236_at		PAQR6	progesterin and adipoQ receptor family member VI
4.2	208228_s_at	D	FGFR2	fibroblast growth factor receptor 2
4.2	226344_at		ZMAT1	zinc finger, matrin-type 1
4.2	243770_at	D	ZNF483	zinc finger protein 483
4.2	225327_at		FAM214A	family with sequence similarity 214, member A
4.2	230958_s_at	D	NFIA	nuclear factor I/A
4.2	204681_s_at	D	RAPGEF5	Rap guanine nucleotide exchange factor (GEF) 5
4.2	223467_at		RASD1	RAS, dexamethasone-induced 1
4.2	223484_at		C15orf48	chromosome 15 open reading frame 48
4.2	226721_at		DPY19L4	dpy-19-like 4 (C. elegans)
4.2	221986_s_at	D	KLHL24	kelch-like 24 (Drosophila)
4.2	213823_at		HOXA11	homeobox A11
4.2	202661_at	D	ITPR2	inositol 1,4,5-trisphosphate receptor, type 2
4.1	231067_s_at	D	AKAP12	A kinase (PRKA) anchor protein 12
4.1	224839_s_at		GPT2 (includes EG:108682)	glutamic pyruvate transaminase (alanine aminotransferase) 2
4.1	214118_x_at	D	PCM1	pericentriolar material 1
4.1	219551_at		EAF2	ELL associated factor 2
4.1	238818_at	D	KIAA1429	KIAA1429
4.1	215527_at		KHDRBS2	KH domain containing, RNA binding, signal transduction associated 2
4.1	216994_s_at		RUNX2	runt-related transcription factor 2
4.1	222016_s_at		ZNF323	zinc finger protein 323
4.1	237968_at		ATL2	atlastin GTPase 2
4.1	212473_s_at	D	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2
4.1	224829_at	D	CPEB4	cytoplasmic polyadenylation element binding protein 4
4.1	205185_at		SPINK5	serine peptidase inhibitor, Kazal type 5
4.1	227569_at		LNX2	ligand of numb-protein X 2
4.1	214854_at		DOT1L	DOT1-like, histone H3 methyltransferase (S. cerevisiae)
4.1	233654_at		PIGG	phosphatidylinositol glycan anchor biosynthesis, class G
4.1	223218_s_at	D	NFKBIZ	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta
4.1	216990_at		GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
4.1	227565_at		KLHL5	kelch-like 5 (Drosophila)
4.1	221088_s_at	D	PPP1R9A	protein phosphatase 1, regulatory subunit 9A
4.1	232729_at		FBXO32	F-box protein 32
4.1	59437_at		C9orf116	chromosome 9 open reading frame 116
4.1	211026_s_at	D	MGLL	monoglyceride lipase

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA Obstet Gynecol 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

4.1	234195_at	D	TNFRSF10C	tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain
4.1	1570388_a_at		LOC440896	uncharacterized LOC440896
4.1	224009_x_at	D	DHRS9	dehydrogenase/reductase (SDR family) member 9
4.0	211162_x_at	D	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
4.0	206747_at	D	GPRIN2	G protein regulated inducer of neurite outgrowth 2
4.0	1562255_at		SYTL3	synaptotagmin-like 3
4.0	230951_at	D	EPB41L5	erythrocyte membrane protein band 4.1 like 5
4.0	220192_x_at	D	SPDEF	SAM pointed domain containing ets transcription factor
4.0	226056_at		ARHGAP31	Rho GTPase activating protein 31
4.0	1553785_at		RASGEF1B	RasGEF domain family, member 1B
4.0	206551_x_at	D	KLHL24	kelch-like 24 (Drosophila)
4.0	209913_x_at		AP5Z1	adaptor-related protein complex 5, zeta 1 subunit
4.0	231875_at	D	KIF21A	kinesin family member 21A
4.0	225624_at		SNX29	sorting nexin 29
4.0	207709_at	D	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit
4.0	203639_s_at	D	FGFR2	fibroblast growth factor receptor 2
4.0	243881_at	D	SHC3	SHC (Src homology 2 domain containing) transforming protein 3
4.0	228697_at		HINT3	histidine triad nucleotide binding protein 3
4.0	203059_s_at	D	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2
4.0	206636_at		RASA2	RAS p21 protein activator 2
3.9	231077_at		C1orf192	chromosome 1 open reading frame 192
3.9	238461_at		EIF4E3	eukaryotic translation initiation factor 4E family member 3
3.9	233642_s_at		HEATR5B	HEAT repeat containing 5B
3.9	229824_at	D	SHC3	SHC (Src homology 2 domain containing) transforming protein 3
3.9	1553132_a_at	D	TC2N	tandem C2 domains, nuclear
3.9	215867_x_at	D	CA12	carbonic anhydrase XII
3.9	218319_at		PELL1	pellino E3 ubiquitin protein ligase 1
3.9	225018_at	D	SPIRE1	spire homolog 1 (Drosophila)
3.9	216075_at	D	ST3GAL5	ST3 beta-galactoside alpha-2,3-sialyltransferase 5
3.9	233719_s_at	D	TASP1	taspase, threonine aspartase, 1
3.9	210951_x_at	D	RAB27A	RAB27A, member RAS oncogene family family with sequence similarity 174, member B
3.9	222085_at	D	FAM174B	neuralized homolog 3 (Drosophila) pseudogene
3.9	232593_at		NEURL3	neuralized homolog 3 (Drosophila) pseudogene
3.9	243198_at	D	TEX9	testis expressed 9
3.9	206023_at		NMU	neuromedin U
3.9	229115_at		DYNC1H1	dynein, cytoplasmic 1, heavy chain 1
3.9	206109_at		FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)
3.9	1556042_s_at		LOC338799	uncharacterized LOC338799
3.9	220965_s_at		RSPH6A	radial spoke head 6 homolog A (Chlamydomonas)
3.9	232361_s_at	D	EHF	ets homologous factor

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.9	1554762_a_at	D	WWC2	WW and C2 domain containing 2
3.9	204646_at		DPYD	dihydropyrimidine dehydrogenase
3.8	204073_s_at	D	C11orf9	chromosome 11 open reading frame 9
3.8	226629_at		SLC43A2	solute carrier family 43, member 2
3.8	204198_s_at		RUNX3	runt-related transcription factor 3
3.8	206043_s_at		ATP2C2	ATPase, Ca++ transporting, type 2C, member 2
3.8	234934_at		RALGAPA2	Ral GTPase activating protein, alpha subunit 2 (catalytic)
3.8	207294_at		AGTR2	angiotensin II receptor, type 2
3.8	223567_at		SEMA6B	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B
3.8	226313_at		C10orf35	chromosome 10 open reading frame 35
3.8	207924_x_at	D	PAX8 (includes EG:18510)	paired box 8
3.8	224329_s_at		CNFN	cornifelin
3.8	222772_at	D	MYEF2	myelin expression factor 2
3.8	227067_x_at		NOTCH2NL	notch 2 N-terminal like
3.8	227782_at		ZBTB7C	zinc finger and BTB domain containing 7C
3.7	238420_at		TAOK1	TAO kinase 1
3.7	1567519_at		PLXNA3	plexin A3
3.7	210597_x_at		PRB1/PRB2	proline-rich protein BstNI subfamily 2
3.7	1553949_at		IQSEC3	IQ motif and Sec7 domain 3
3.7	216051_x_at		PRINS	psoriasis associated RNA induced by stress (non-protein coding)
3.7	201243_s_at		ATP1B1	ATPase, Na+/K+ transporting, beta 1 polypeptide
3.7	237329_at		LOC100509621	uncharacterized LOC100509621
3.7	212188_at	D	KCTD12	potassium channel tetramerisation domain containing 12
3.7	1553492_a_at		PAX1	paired box 1
3.7	242982_x_at		ITGB8	integrin, beta 8
3.7	223952_x_at	D	DHRS9	dehydrogenase/reductase (SDR family) member 9
3.7	211882_x_at	D	FUT6	fucosyltransferase 6 (alpha (1,3) fucosyltransferase)
3.7	235044_at		CYYR1	cysteine/tyrosine-rich 1
3.7	221416_at		PLA2G2F	phospholipase A2, group IIF
3.7	205356_at		USP13	ubiquitin specific peptidase 13 (isopeptidase T-3)
3.7	211994_at	D	WNK1	WNK lysine deficient protein kinase 1
3.7	226907_at		PPP1R14C	protein phosphatase 1, regulatory (inhibitor) subunit 14C
3.7	212217_at		PREPL	prolyl endopeptidase-like
3.7	235766_x_at	D	RAB27A	RAB27A, member RAS oncogene family
3.7	201974_s_at		CCZ1/CCZ1B	CCZ1 vacuolar protein trafficking and biogenesis associated homolog B (S. cerevisiae)
3.7	208650_s_at	D	CD24	CD24 molecule
3.7	225108_at		AGPS	alkylglycerone phosphate synthase
3.7	221230_s_at		ARID4B	AT rich interactive domain 4B (RBP1-like)
3.7	238021_s_at		CRNDE	colorectal neoplasia differentially expressed (non-protein coding)
3.7	241955_at	D	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1
3.7	222268_x_at	D	MUC5AC/MUC5B	mucin 5AC, oligomeric mucus/gel-forming

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.7	201341_at	D	ENC1	ectodermal-neural cortex 1 (with BTB-like domain)
3.7	225750_at	D	ERO1L	ERO1-like (<i>S. cerevisiae</i>)
3.7	223862_at		GHRL	ghrelin/obestatin prepropeptide
3.7	221204_s_at		CRTAC1	cartilage acidic protein 1
3.7	235299_at	D	SLC41A2	solute carrier family 41, member 2
3.7	223028_s_at	D	SNX9	sorting nexin 9
3.6	213659_at		ZNF75D	zinc finger protein 75D
3.6	210513_s_at	D	VEGFA	vascular endothelial growth factor A
3.6	212508_at		MOAP1	modulator of apoptosis 1
3.6	242271_at		SLC26A9	solute carrier family 26, member 9
3.6	1566901_at		TGIF1	TGFB-induced factor homeobox 1
3.6	244076_at		KIAA2022	KIAA2022
3.6	221687_s_at		FAM125B	family with sequence similarity 125, member B
3.6	209534_x_at	D	AKAP13	A kinase (PRKA) anchor protein 13
3.6	223383_at	D	ZNRF1	zinc and ring finger 1, E3 ubiquitin protein ligase
3.6	224831_at	D	CPEB4	cytoplasmic polyadenylation element binding protein 4
3.6	229311_at		GKAP1	G kinase anchoring protein 1
3.6	230093_at		RSPH1	radial spoke head 1 homolog (<i>Chlamydomonas</i>)
3.6	209114_at		TSPAN1	tetraspanin 1
3.6	212186_at	D	ACACA	acetyl-CoA carboxylase alpha
3.6	1554841_at		MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like
3.6	206419_at	D	RORC	RAR-related orphan receptor C
3.6	215842_s_at	D	ATP11A	ATPase, class VI, type 11A
3.6	206998_x_at		PRB3	proline-rich protein BstNI subfamily 3
3.6	224967_at	D	UGCG	UDP-glucose ceramide glucosyltransferase
3.6	225102_at	D	MGLL	monoglyceride lipase
3.6	202459_s_at		LPIN2	lipin 2
3.6	225452_at		MED1 (includes EG:19014)	mediator complex subunit 1
3.6	224828_at	D	CPEB4	cytoplasmic polyadenylation element binding protein 4
3.6	228400_at	D	SHROOM3	shroom family member 3
3.6	235210_s_at		C8orf84	chromosome 8 open reading frame 84
3.6	203126_at		IMPA2	inositol(myo)-1(or 4)-monophosphatase 2
3.6	203796_s_at		BCL7A	B-cell CLL/lymphoma 7A
3.5	226811_at		FAM46C	family with sequence similarity 46, member C
3.5	227343_at		MYEOV	myeloma overexpressed (in a subset of t(11;14) positive multiple myelomas)
3.5	243927_x_at	D	KIAA1429	KIAA1429
3.5	204881_s_at	D	UGCG	UDP-glucose ceramide glucosyltransferase
3.5	1557100_s_at	D	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1
3.5	210686_x_at	D	SLC25A16	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16
3.5	1554634_at		PDS5B	PDS5, regulator of cohesion maintenance, homolog B (<i>S. cerevisiae</i>)
3.5	212171_x_at	D	VEGFA	vascular endothelial growth factor A
3.5	1557994_at	D	TTN (includes EG:22138)	titin

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.5	212262_at	D	QKI	QKI, KH domain containing, RNA binding
3.5	218035_s_at	D	RBM47	RNA binding motif protein 47
3.5	204099_at		SMARCD3	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3
3.5	200670_at		XBP1 (includes EG: 140614)	X-box binding protein 1
3.5	204249_s_at		LMO2	LIM domain only 2 (rhombotin-like 1)
3.5	229400_at		HOXD10	homeobox D10
3.5	218306_s_at		HERC1	HECT and RLD domain containing E3 ubiquitin protein ligase family member 1
3.5	207923_x_at	D	PAX8 (includes EG: 18510)	paired box 8
3.5	203301_s_at		DMTF1	cyclin D binding myb-like transcription factor 1
3.5	210741_at	D	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12
3.5	244669_at		SNHG5	small nucleolar RNA host gene 5 (non-protein coding)
3.5	1556684_at		RPPH1	ribonuclease P RNA component H1
3.5	208772_at	D	ANKHD1	ankyrin repeat and KH domain containing 1
3.5	221477_s_at	D	SOD2	superoxide dismutase 2, mitochondrial
3.5	213693_s_at	D	MUC1	mucin 1, cell surface associated
3.5	226270_at		EXOC2	exocyst complex component 2
3.5	219916_s_at		RNF39	ring finger protein 39
3.5	230788_at		GCNT2	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)
3.5	225465_at	D	MAG11 (includes EG: 14924)	membrane associated guanylate kinase, WW and PDZ domain containing 1
3.5	223827_at		TNFRSF19	tumor necrosis factor receptor superfamily, member 19
3.5	224481_s_at	D	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1
3.4	213085_s_at	D	WWC1	WW and C2 domain containing 1
3.4	212468_at	D	SPAG9	sperm associated antigen 9
3.4	204680_s_at	D	RAPGEF5	Rap guanine nucleotide exchange factor (GEF) 5
3.4	207854_at		GYPE	glycophorin E (MNS blood group)
3.4	224975_at	D	NFIA	nuclear factor I/A
3.4	201952_at	D	ALCAM	activated leukocyte cell adhesion molecule
3.4	219155_at	D	PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1
3.4	236031_x_at		FREM1	FRAS1 related extracellular matrix 1
3.4	233508_at		MAP3K13	mitogen-activated protein kinase kinase kinase 13
3.4	203058_s_at	D	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2
3.4	236935_at		PTPN4	protein tyrosine phosphatase, non-receptor type 4 (megakaryocyte)
3.4	212616_at	D	CHD9	chromodomain helicase DNA binding protein 9
3.4	211992_at	D	WNK1	WNK lysine deficient protein kinase 1
3.4	227983_at		RILPL2	Rab interacting lysosomal protein-like 2
3.4	207799_x_at		ARMCX4	armadillo repeat containing, X-linked 4
3.4	226375_at		LMTK2	lemur tyrosine kinase 2
3.4	229180_at	D	WWC1	WW and C2 domain containing 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.4	223530_at		TDRKH	tudor and KH domain containing
3.3	225671_at		SPNS2	spinster homolog 2 (Drosophila)
3.3	208953_at	D	LARP4B	La ribonucleoprotein domain family, member 4B
3.3	242647_at	D	USP34	ubiquitin specific peptidase 34
3.3	203502_at		BPGM	2,3-bisphosphoglycerate mutase
3.3	212192_at	D	KCTD12	potassium channel tetramerisation domain containing 12
3.3	208664_s_at	D	TTC3	tetratricopeptide repeat domain 3
3.3	244759_x_at		RNF207	ring finger protein 207
3.3	221880_s_at	D	FAM174B	family with sequence similarity 174, member B
3.3	238450_at	D	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
3.3	227742_at		CLIC6	chloride intracellular channel 6
3.3	204777_s_at		MAL	mal, T-cell differentiation protein
3.3	211966_at		COL4A2 (includes EG:12827)	collagen, type IV, alpha 2
3.3	228846_at	D	MXD1	MAX dimerization protein 1
3.3	220335_x_at		CES3	carboxylesterase 3
3.3	209488_s_at		RBPM5	RNA binding protein with multiple splicing
3.3	214164_x_at	D	CA12	carbonic anhydrase XII
3.3	216946_at		HLA-DOA	major histocompatibility complex, class II, DO alpha
3.3	203955_at		PPP1R26	protein phosphatase 1, regulatory subunit 26
3.3	215785_s_at	D	CYFIP2	cytoplasmic FMR1 interacting protein 2
3.3	212324_s_at	D	VPS13D	vacuolar protein sorting 13 homolog D (S. cerevisiae)
3.3	221985_at	D	KLHL24	kelch-like 24 (Drosophila)
3.3	208797_s_at	D	GOLGA8A/GOLGA8B	golgin A8 family, member A
3.3	211806_s_at		KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 15
3.3	213060_s_at		CHI3L2	chitinase 3-like 2
3.3	223871_x_at		ING5	inhibitor of growth family, member 5
3.3	203225_s_at		RFK	riboflavin kinase
3.3	201963_at		ACSL1	acyl-CoA synthetase long-chain family member 1
3.3	214227_at		GNG7	guanine nucleotide binding protein (G protein), gamma 7
3.2	226806_s_at	D	NFIA	nuclear factor I/A
3.2	207602_at		TMPRSS11D	transmembrane protease, serine 11D
3.2	205248_at		DOPEY2	dopey family member 2
3.2	212094_at	D	PEG10	paternally expressed 10
3.2	225986_x_at		CPSF2	cleavage and polyadenylation specific factor 2, 100kDa
3.2	212927_at		SMC5	structural maintenance of chromosomes 5
3.2	212326_at	D	VPS13D	vacuolar protein sorting 13 homolog D (S. cerevisiae)
3.2	201393_s_at		IGF2R	insulin-like growth factor 2 receptor
3.2	213957_s_at	D	CEP350	centrosomal protein 350kDa
3.2	215101_s_at		CXCL5	chemokine (C-X-C motif) ligand 5
3.2	234394_at		ZNF124	zinc finger protein 124
3.2	201951_at	D	ALCAM	activated leukocyte cell adhesion molecule

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.2	213174_at		TTC9	tetratricopeptide repeat domain 9
3.2	218454_at		PLBD1	phospholipase B domain containing 1
3.2	213685_at		LOC100506963	uncharacterized LOC100506963
3.2	202796_at		SYNPO	synaptopodin
3.2	205042_at		GNE	glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase
3.2	212092_at	D	PEG10	paternally expressed 10
3.2	218598_at		RINT1	RAD50 interactor 1
3.2	219771_at		TBC1D8B	TBC1 domain family, member 8B (with GRAM domain)
3.2	206556_at		CLUL1	clusterin-like 1 (retinal)
3.2	212276_at	D	LPIN1	lipin 1
3.2	206318_at	D	SPINLW1	serine peptidase inhibitor-like, with Kunitz and WAP domains 1 (eppin)
3.2	209890_at		TSPAN5	tetraspanin 5
3.2	243653_at	D	SHROOM3	shroom family member 3
3.2	213017_at		ABHD3	abhydrolase domain containing 3
3.2	238701_x_at	D	C11orf92	chromosome 11 open reading frame 92
3.2	232059_at		DSCAML1	Down syndrome cell adhesion molecule like 1
3.2	207754_at		RASSF8	Ras association (RalGDS/AF-6) domain family (N-terminal) member 8
3.1	226302_at		ATP8B1	ATPase, aminophospholipid transporter, class I, type 8B, member 1
3.1	1553185_at	D	RASEF	RAS and EF-hand domain containing La ribonucleoprotein domain family, member 4
3.1	238959_at		LARP4	
3.1	1562392_at		MRPL23	mitochondrial ribosomal protein L23
3.1	222738_at	D	WWC2	WW and C2 domain containing 2
3.1	204440_at		CD83	CD83 molecule
3.1	1553447_at		AGBL1	ATP/GTP binding protein-like 1
3.1	214091_s_at	D	GPX3	glutathione peroxidase 3 (plasma)
3.1	211993_at	D	WNK1	WNK lysine deficient protein kinase 1
3.1	201976_s_at		MYO10	myosin X
3.1	225820_at	D	PHF17	PHD finger protein 17
3.1	208883_at	D	UBR5	ubiquitin protein ligase E3 component n-recognin 5
3.1	202411_at		IFI27	interferon, alpha-inducible protein 27
3.1	202786_at		STK39	serine threonine kinase 39
3.1	208884_s_at	D	UBR5	ubiquitin protein ligase E3 component n-recognin 5
3.1	223279_s_at	D	UACA	uveal autoantigen with coiled-coil domains and ankyrin repeats
3.1	1569940_at		SLC6A16	solute carrier family 6, member 16
3.1	232349_x_at	D	DCAF6	DDB1 and CUL4 associated factor 6
3.1	212665_at		TIPARP	TCDD-inducible poly(ADP-ribose) polymerase
3.1	206229_x_at		PAX2	paired box 2
3.1	210262_at		CRISP2	cysteine-rich secretory protein 2
3.1	213328_at		NEK1	NIMA (never in mitosis gene a)-related kinase 1
3.1	223190_s_at	D	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
3.1	212150_at		EFR3A	EFR3 homolog A (S. cerevisiae)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.1	224685_at	D	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4
3.1	206877_at	D	MXD1	MAX dimerization protein 1
3.1	226596_x_at		LOC729852	uncharacterized LOC729852
3.1	212774_at		ZNF238	zinc finger protein 238
3.1	212543_at		AIM1 (includes EG:11630)	absent in melanoma 1
3.1	222935_x_at	D	SLC39A8	solute carrier family 39 (zinc transporter), member 8
3.1	202295_s_at		CTSH	cathepsin H
3.1	212514_x_at	D	DDX3X	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
3.1	214192_at		NUP88	nucleoporin 88kDa
3.1	241368_at		PLIN5	perilipin 5
3.1	229292_at	D	EPB41L5	erythrocyte membrane protein band 4.1 like 5
3.1	222730_s_at		ZDHHC2	zinc finger, DHHC-type containing 2
3.1	202303_x_at	D	SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
3.1	211527_x_at	D	VEGFA	vascular endothelial growth factor A
3.1	219392_x_at	D	PRR11	proline rich 11
3.1	235485_at		WDR44	WD repeat domain 44
3.1	203911_at		RAP1GAP	RAP1 GTPase activating protein
3.1	203408_s_at		SATB1	SATB homeobox 1
3.0	210251_s_at		RUFY3	RUN and FYVE domain containing 3
3.0	220319_s_at	D	MYLIP	myosin regulatory light chain interacting protein
3.0	216153_x_at		RECK	reversion-inducing-cysteine-rich protein with kazal motifs
3.0	233432_at		TTL (includes EG:646982)	twelve-thirteen translocation leukemia
3.0	208882_s_at	D	UBR5	ubiquitin protein ligase E3 component n-recognin 5
3.0	229586_at	D	CHD9	chromodomain helicase DNA binding protein 9
3.0	222135_at		ZNF587B/ZNF814	zinc finger protein 587B
3.0	226651_at		HOMER1	homer homolog 1 (Drosophila)
3.0	224933_s_at	D	JMJD1C	jumonji domain containing 1C
3.0	233594_at		LOC100506025	uncharacterized LOC100506025
3.0	201631_s_at		IER3	immediate early response 3
3.0	223681_s_at		INADL	InaD-like (Drosophila)
3.0	223217_s_at	D	NFKBIZ	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta
3.0	202637_s_at		ICAM1	intercellular adhesion molecule 1
3.0	1569594_a_at	D	NEMF	nuclear export mediator factor
3.0	213251_at	D	SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
3.0	201325_s_at	D	EMP1	epithelial membrane protein 1
3.0	211597_s_at		HOPX	HOP homeobox
3.0	225188_at		RAPH1	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1
3.0	236745_at		CCDC78	coiled-coil domain containing 78

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA Obstet Gynecol 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

3.0	209743_s_at	D	ITCH	itchy E3 ubiquitin protein ligase
3.0	211050_x_at		LOC100288069	general transcription factor III pseudogene
3.0	1553613_s_at		FOXC1	forkhead box C1
3.0	201663_s_at	D	SMC4	structural maintenance of chromosomes 4
3.0	202040_s_at		KDM5A	lysine (K)-specific demethylase 5A
3.0	204667_at		FOXA1	forkhead box A1
3.0	201383_s_at	D	NBR1	neighbor of BRCA1 gene 1
3.0	208859_s_at		ATRX	alpha thalassemia/mental retardation syndrome X-linked
3.0	1561728_a_at		LOC400238	uncharacterized LOC400238
3.0	201929_s_at	D	PKP4	plakophilin 4
3.0	200604_s_at		PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)
3.0	213859_x_at	D	SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
3.0	228867_at		TATDN3	TatD DNase domain containing 3
3.0	202820_at		AHR	aryl hydrocarbon receptor
3.0	229976_at		MORN5	MORN repeat containing 5
3.0	224960_at		SCYL2	SCY1-like 2 (<i>S. cerevisiae</i>)
3.0	209366_x_at	D	CYB5A (includes EG:109672)	cytochrome b5 type A (microsomal)
3.0	214693_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
3.0	217781_s_at		ZFP106	zinc finger protein 106 homolog (mouse)
3.0	212467_at		DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13
2.9	202187_s_at		PPP2R5A	protein phosphatase 2, regulatory subunit B', alpha
2.9	229414_at	D	PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1
2.9	1554339_a_at		COG3 (includes EG:33562)	component of oligomeric golgi complex 3
2.9	200898_s_at	D	MGEA5	meningioma expressed antigen 5 (hyaluronidase)
2.9	202761_s_at	D	SYNE2	spectrin repeat containing, nuclear envelope 2
2.9	242722_at		LMO7	LIM domain 7
2.9	242774_at	D	SYNE2	spectrin repeat containing, nuclear envelope 2
2.9	208662_s_at	D	TTC3	tetratricopeptide repeat domain 3
2.9	218127_at	D	NFYB	nuclear transcription factor Y, beta
2.9	215665_at		HSD3B1	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
2.9	1566455_at		LOC100507494	uncharacterized LOC100507494
2.9	1562391_at		B3GALNT2	beta-1,3-N-acetylgalactosaminyltransferase 2
2.9	204058_at		ME1	malic enzyme 1, NADP(+)-dependent, cytosolic
2.9	231018_at		PALM3	paralemmin 3
2.9	241359_at		TLCD2	TLC domain containing 2
2.9	236254_at	D	VPS13B	vacuolar protein sorting 13 homolog B (yeast)
2.9	223940_x_at	D	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.9	235549_at		RNF144B	ring finger protein 144B
2.9	222649_at		XPO4	exportin 4
2.9	224240_s_at		CCL28	chemokine (C-C motif) ligand 28
2.9	202096_s_at		TSPO	translocator protein (18kDa)
2.9	1558747_at		SMCHD1	structural maintenance of chromosomes flexible hinge domain containing 1
2.9	205062_x_at		ARID4A	AT rich interactive domain 4A (RBP1-like)
2.9	230911_at	D	SIX1	SIX homeobox 1
2.9	201713_s_at	D	RANBP2	RAN binding protein 2
2.9	229940_at		SETD3	SET domain containing 3
2.9	219055_at		SRBD1	S1 RNA binding domain 1
2.9	202545_at		PRKCD	protein kinase C, delta
2.9	216245_at	D	IL1RN	interleukin 1 receptor antagonist
2.9	226395_at		HOOK3	hook homolog 3 (Drosophila)
2.9	204917_s_at		MLL3	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3
2.9	224970_at	D	NFIA	nuclear factor I/A
2.9	205432_at		OVGP1	oviductal glycoprotein 1, 120kDa
2.9	823_at		CX3CL1	chemokine (C-X3-C motif) ligand 1
2.9	206748_s_at	D	SPAG9	sperm associated antigen 9
2.9	219976_at		HOOK1	hook homolog 1 (Drosophila)
2.9	214993_at		ASPHD1	aspartate beta-hydroxylase domain containing 1
2.9	221538_s_at		PLXNA1	plexin A1
2.8	212472_at	D	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2
2.8	201699_at		PSMC6	proteasome (prosome, macropain) 26S subunit, ATPase, 6
2.8	219280_at		BRWD1	bromodomain and WD repeat domain containing 1
2.8	225800_at		JAZF1	JAZF zinc finger 1
2.8	226733_at	D	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
2.8	228996_at		RC3H1	ring finger and CCCH-type domains 1
2.8	212483_at	D	NIPBL	Nipped-B homolog (Drosophila)
2.8	208070_s_at		REV3L	REV3-like, catalytic subunit of DNA polymerase zeta (yeast)
2.8	201471_s_at		SQSTM1	sequestosome 1
2.8	216294_s_at		KIAA1109	KIAA1109
2.8	232940_s_at	D	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3
2.8	207843_x_at	D	CYB5A (includes EG:109672)	cytochrome b5 type A (microsomal)
2.8	205319_at		PSCA	prostate stem cell antigen
2.8	1566342_at	D	SOD2	superoxide dismutase 2, mitochondrial
2.8	1553314_a_at		KIF19	kinesin family member 19
2.8	1553348_a_at	D	NFX1	nuclear transcription factor, X-box binding 1
2.8	51158_at	D	FAM174B	family with sequence similarity 174, member B
2.8	204070_at		RARRES3	retinoic acid receptor responder (tazarotene induced) 3
2.8	232644_x_at	D	OCIAD1	OCIA domain containing 1
2.8	215412_x_at		PMS2L2	postmeiotic segregation increased 2-like 2 pseudogene
2.8	229994_at	D	NFIA	nuclear factor I/A

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.8	210676_x_at	D	RGPD5 (includes others)	RANBP2-like and GRIP domain containing 5
2.8	243351_at		FLJ31485	uncharacterized LOC440119
2.8	201340_s_at	D	ENC1	ectodermal-neural cortex 1 (with BTB-like domain)
2.8	227099_s_at		C11orf96	chromosome 11 open reading frame 96
2.8	225026_at		CHD6	chromodomain helicase DNA binding protein 6
2.8	215918_s_at		SPTBN1	spectrin, beta, non-erythrocytic 1
2.8	234541_s_at	D	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12
2.8	202033_s_at	D	RB1CC1	RB1-inducible coiled-coil 1
2.8	204623_at		TFF3	trefoil factor 3 (intestinal)
2.8	227228_s_at		CCDC88C	coiled-coil domain containing 88C
2.8	203394_s_at		HES1 (includes EG:15205)	hairy and enhancer of split 1, (Drosophila)
2.8	1569138_a_at		SRCAP	Snf2-related CREBBP activator protein
2.8	206323_x_at		OPHN1	oligophrenin 1
2.8	219844_at	D	C10orf118	chromosome 10 open reading frame 118
2.7	224736_at		CCAR1	cell division cycle and apoptosis regulator 1
2.7	225852_at	D	ANKRD17	ankyrin repeat domain 17
2.7	224990_at		C4orf34	chromosome 4 open reading frame 34
2.7	1554015_a_at	D	CHD2	chromodomain helicase DNA binding protein 2
2.7	205783_at		KLK13	kallikrein-related peptidase 13
2.7	218422_s_at		RBM26	RNA binding motif protein 26
2.7	213457_at	D	MFHAS1	malignant fibrous histiocytoma amplified sequence 1
2.7	224976_at	D	NFIA	nuclear factor I/A
2.7	225956_at		CREBRF	CREB3 regulatory factor
2.7	226622_at		MUC20	mucin 20, cell surface associated
2.7	244272_s_at	D	TC2N	tandem C2 domains, nuclear
2.7	226275_at	D	MXD1	MAX dimerization protein 1
2.7	212479_s_at		RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevisiae)
2.7	235144_at	D	RASEF	RAS and EF-hand domain containing
2.7	204857_at		MAD1L1	MAD1 mitotic arrest deficient-like 1 (yeast)
2.7	208502_s_at		PITX1	paired-like homeodomain 1
2.7	202129_s_at		RIOK3	RIO kinase 3 (yeast)
2.7	205520_at	D	STRN	striatin, calmodulin binding protein
2.7	226406_at		C18orf25	chromosome 18 open reading frame 25
2.7	226290_at	D	BDP1 (includes EG:294687)	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB
2.7	217741_s_at		ZFAND5	zinc finger, AN1-type domain 5
2.7	220725_x_at		DNAH3	dynein, axonemal, heavy chain 3
2.7	1553470_at	D	DNAH17	dynein, axonemal, heavy chain 17
2.7	210374_x_at	D	PTGER3	prostaglandin E receptor 3 (subtype EP3)
2.7	212224_at		ALDH1A1	aldehyde dehydrogenase 1 family, member A1
2.7	1553861_at	D	TCP11L2	t-complex 11 (mouse)-like 2
2.7	212204_at	D	TMEM87A	transmembrane protein 87A
2.7	1568618_a_at		GALNT1	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 1 (GalNAc-T1)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.7	227337_at		ANKRD37	ankyrin repeat domain 37
2.7	232240_at		DNHD1	dynein heavy chain domain 1
2.7	215820_x_at		SNX13	sorting nexin 13
2.7	210424_s_at	D	GOLGA8A/GOLGA8B	golgin A8 family, member A
2.7	211909_x_at	D	PTGER3	prostaglandin E receptor 3 (subtype EP3)
2.7	225141_at	D	NFATC3	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3
2.7	231044_at		C1orf194	chromosome 1 open reading frame 194
2.7	202034_x_at	D	RB1CC1	RB1-inducible coiled-coil 1
2.7	212840_at		UBXN7	UBX domain protein 7
2.7	207108_s_at	D	NIPBL	Nipped-B homolog (Drosophila)
2.7	213070_at	D	PIK3C2A	phosphoinositide-3-kinase, class 2, alpha polypeptide
2.7	203060_s_at	D	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2
2.7	216125_s_at	D	RANBP9	RAN binding protein 9
2.7	200914_x_at		KTN1	kinectin 1 (kinesin receptor)
2.7	226094_at	D	PIK3C2A	phosphoinositide-3-kinase, class 2, alpha polypeptide
2.7	202583_s_at	D	RANBP9	RAN binding protein 9
2.7	1558675_s_at	D	NEMF	nuclear export mediator factor
2.7	213024_at		TMF1	TATA element modulatory factor 1
2.7	223881_at	D	ICA1L	islet cell autoantigen 1,69kDa-like
2.6	212672_at		ATM	ataxia telangiectasia mutated
2.6	212260_at		GIGYF2	GRB10 interacting GYF protein 2
2.6	204615_x_at	D	IDI1	isopentenyl-diphosphate delta isomerase 1
2.6	210904_s_at		IL13RA1	interleukin 13 receptor, alpha 1
2.6	227551_at	D	FAM108B1	family with sequence similarity 108, member B1
2.6	1560445_x_at		ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1
2.6	225048_at		PHF10	PHD finger protein 10
2.6	227701_at	D	C10orf118	chromosome 10 open reading frame 118
2.6	212057_at		KIAA0182	KIAA0182
2.6	200608_s_at		RAD21	RAD21 homolog (S. pombe)
2.6	221902_at		GPR153	G protein-coupled receptor 153
2.6	221158_at		GCFC1	GC-rich sequence DNA-binding factor 1
2.6	238002_at		GOLIM4	golgi integral membrane protein 4
2.6	229775_s_at	D	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4
2.6	212842_x_at	D	RGPD5 (includes others)	RANBP2-like and GRIP domain containing 5
2.6	212219_at		PSME4	proteasome (prosome, macropain) activator subunit 4
2.6	1558392_at	D	SYNE2	spectrin repeat containing, nuclear envelope 2
2.6	231817_at		USP53	ubiquitin specific peptidase 53
2.6	213147_at	D	HOXA10	homeobox A10
2.6	229447_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
2.6	208262_x_at		MEFV	Mediterranean fever
2.6	224476_s_at		MESP1	mesoderm posterior 1 homolog (mouse)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.6	201911_s_at		FARP1	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)
2.6	204243_at		RLF	rearranged L-myc fusion
2.6	201384_s_at	D	NBR1	neighbor of BRCA1 gene 1
2.6	203680_at		PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta
2.6	209435_s_at	D	ARHGEF2	Rho/Rac guanine nucleotide exchange factor (GEF) 2
2.6	219902_at	D	BHMT2	betaine--homocysteine S-methyltransferase 2
2.6	228549_at		TMEM63A	transmembrane protein 63A
2.6	227334_at		USP54	ubiquitin specific peptidase 54
2.6	216232_s_at		GCN1L1	GCN1 general control of amino-acid synthesis 1-like 1 (yeast)
2.6	223403_s_at		POLR1B	polymerase (RNA) I polypeptide B, 128kDa
2.6	201769_at		CLINT1	clathrin interactor 1
2.6	217908_s_at	D	DCAF6	DDB1 and CUL4 associated factor 6
2.6	1556182_x_at		ANKRD65	ankyrin repeat domain 65
2.6	225508_at		KIAA1468	KIAA1468
2.6	202160_at		CREBBP	CREB binding protein
2.6	218311_at		MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3
2.5	201711_x_at	D	RANBP2	RAN binding protein 2
2.5	230734_x_at	D	STRN	striatin, calmodulin binding protein
2.5	212065_s_at	D	USP34	ubiquitin specific peptidase 34
2.5	223189_x_at	D	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
2.5	201070_x_at	D	SF3B1	splicing factor 3b, subunit 1, 155kDa
2.5	235110_at		PLA2G16	phospholipase A2, group XVI
2.5	208942_s_at		SEC62 (includes EG: 294912)	SEC62 homolog (S. cerevisiae)
2.5	224905_at	D	WDR26	WD repeat domain 26
2.5	213518_at		PRKCI	protein kinase C, iota
2.5	1565617_at		KIAA1671	KIAA1671
2.5	231792_at		MYLK2	myosin light chain kinase 2
2.5	1558147_a_at		FLJ90757	uncharacterized LOC440465
2.5	201085_s_at		SON	SON DNA binding protein
2.5	206482_at		PTK6	PTK6 protein tyrosine kinase 6
2.5	214088_s_at		FUT3	fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood group)
2.5	224369_s_at		FBXO38	F-box protein 38
2.5	208703_s_at	D	APLP2	amyloid beta (A4) precursor-like protein 2
2.5	201348_at	D	GPX3	glutathione peroxidase 3 (plasma)
2.5	224318_s_at		KANSL3	KAT8 regulatory NSL complex subunit 3
2.5	219321_at		MPP5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)
2.5	224662_at	D	KIF5B	kinesin family member 5B
2.5	214869_x_at		GAPVD1	GTPase activating protein and VPS9 domains 1
2.5	202917_s_at	D	S100A8	S100 calcium binding protein A8
2.5	200965_s_at	D	ABLIM1	actin binding LIM protein 1
2.5	225474_at	D	MAG11 (includes EG: 14924)	membrane associated guanylate kinase, WW and PDZ domain containing 1
2.5	242916_at		CNTRL	centriolin

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.5	215393_s_at	D	COBL1	COBL-like 1
2.5	210827_s_at		ELF3	E74-like factor 3 (ets domain transcription factor, epithelial-specific)
2.5	207705_s_at		NINL	ninein-like
2.5	204634_at		NEK4	NIMA (never in mitosis gene a)-related kinase 4
2.5	233632_s_at		XRN1	5'-3' exoribonuclease 1
2.5	232859_s_at	D	MAGI1 (includes EG:14924)	membrane associated guanylate kinase, WW and PDZ domain containing 1
2.5	211388_s_at		NCOR2	nuclear receptor corepressor 2
2.5	211729_x_at		BLVRA	biliverdin reductase A
2.5	207186_s_at		BPTF	bromodomain PHD finger transcription factor
2.5	224194_at		FCRL2	Fc receptor-like 2
2.5	211697_x_at		PNO1	partner of NOB1 homolog (S. cerevisiae)
2.5	210829_s_at		SSBP2	single-stranded DNA binding protein 2
2.5	228278_at	D	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)
2.5	214937_x_at	D	PCM1	pericentriolar material 1
2.5	218484_at		NDUFA4L2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2
2.5	211000_s_at	D	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M receptor)
2.5	210480_s_at	D	MYO6	myosin VI
2.5	212392_s_at		PDE4DIP	phosphodiesterase 4D interacting protein
2.5	226158_at	D	KLHL24	kelch-like 24 (Drosophila)
2.5	201152_s_at	D	MBNL1	muscleblind-like splicing regulator 1
2.5	209750_at		NR1D2	nuclear receptor subfamily 1, group D, member 2
2.5	214216_s_at	D	LARP4B	La ribonucleoprotein domain family, member 4B
2.5	242352_at	D	NIPBL	Nipped-B homolog (Drosophila)
2.5	222187_x_at	D	G3BP1	GTPase activating protein (SH3 domain) binding protein 1
2.5	1569144_a_at		C9orf169	chromosome 9 open reading frame 169
2.4	214370_at	D	S100A8	S100 calcium binding protein A8
2.4	212381_at		USP24	ubiquitin specific peptidase 24
2.4	209772_s_at	D	CD24	CD24 molecule
2.4	224701_at		PARP14	poly (ADP-ribose) polymerase family, member 14
2.4	210564_x_at	D	CFLAR	CASP8 and FADD-like apoptosis regulator
2.4	210020_x_at		CALML3	calmodulin-like 3
2.4	1559438_at		C21orf58	chromosome 21 open reading frame 58
2.4	201689_s_at		TPD52	tumor protein D52
2.4	241683_at	D	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1
2.4	1552314_a_at		EYA3	eyes absent homolog 3 (Drosophila)
2.4	211987_at		TOP2B	topoisomerase (DNA) II beta 180kDa
2.4	223382_s_at	D	ZNRF1	zinc and ring finger 1, E3 ubiquitin protein ligase
2.4	226018_at		C7orf41	chromosome 7 open reading frame 41
2.4	210151_s_at		DYRK3	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3
2.4	209255_at		KLHDC10	kelch domain containing 10
2.4	210563_x_at	D	CFLAR	CASP8 and FADD-like apoptosis regulator
2.4	229060_at	D	YPEL2	yippee-like 2 (Drosophila)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.4	236715_x_at	D	UACA	uveal autoantigen with coiled-coil domains and ankyrin repeats
2.4	203421_at		TP53I11	tumor protein p53 inducible protein 11
2.4	217739_s_at		NAMPT	nicotinamide phosphoribosyltransferase
2.4	216734_s_at		CXCR5	chemokine (C-X-C motif) receptor 5
2.4	221478_at	D	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like
2.4	201153_s_at	D	MBNL1	muscleblind-like splicing regulator 1
2.4	201927_s_at	D	PKP4	plakophilin 4
2.4	206438_x_at		TCTN2	tectonic family member 2
2.4	1553204_at		C20orf166-AS1	C20orf166 antisense RNA 1 (non-protein coding)
2.4	209898_x_at		ITSN2	intersectin 2
2.4	1555262_a_at	D	MAG11 (includes EG:14924)	membrane associated guanylate kinase, WW and PDZ domain containing 1
2.4	1553186_x_at	D	RASEF	RAS and EF-hand domain containing
2.4	226100_at	D	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
2.4	204363_at		F3	coagulation factor III (thromboplastin, tissue factor)
2.4	1557950_at	D	NEMF	nuclear export mediator factor
2.4	209239_at		NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
2.3	228432_at		RAB3IP	RAB3A interacting protein (rabin3)
2.3	225131_at	D	ZRANB1	zinc finger, RAN-binding domain containing 1
2.3	211922_s_at	D	CAT	catalase
2.3	223818_s_at		RSF1 (includes EG:233532)	remodeling and spacing factor 1
2.3	238530_at		NNT	nicotinamide nucleotide transhydrogenase
2.3	207490_at		TUBA4B	tubulin, alpha 4b (pseudogene)
2.3	215978_x_at		ZNF721	zinc finger protein 721
2.3	1560078_at	D	LAMA3	laminin, alpha 3
2.3	211116_at		SLC9A2	solute carrier family 9, subfamily A (NHE2, cation proton antiporter 2), member 2
2.3	212066_s_at	D	USP34	ubiquitin specific peptidase 34
2.3	221479_s_at	D	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like
2.3	225077_at	D	CHD2	chromodomain helicase DNA binding protein 2
2.3	215726_s_at	D	CYB5A (includes EG:109672)	cytochrome b5 type A (microsomal)
2.3	244774_at	D	PHACTR2	phosphatase and actin regulator 2
2.3	235009_at		BOD1L	biorientation of chromosomes in cell division 1-like
2.3	207365_x_at	D	USP34	ubiquitin specific peptidase 34
2.3	219675_s_at		UXS1	UDP-glucuronate decarboxylase 1
2.3	208651_x_at	D	CD24	CD24 molecule
2.3	201104_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
2.3	218338_at		PHC1	polyhomeotic homolog 1 (Drosophila)
2.3	209049_s_at	D	ZMYND8	zinc finger, MYND-type containing 8
2.3	233057_at		HSPB8	heat shock 22kDa protein 8
2.3	225339_at	D	SPAG9	sperm associated antigen 9

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA Obstet Gynecol 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.3	1555346_at		CDC20B	cell division cycle 20 homolog B (<i>S. cerevisiae</i>)
2.3	1563101_at		ARNTL2	aryl hydrocarbon receptor nuclear translocator-like 2
2.3	220620_at		CRCT1	cysteine-rich C-terminal 1
2.3	202693_s_at		STK17A	serine/threonine kinase 17a
2.3	201733_at		CLCN3	chloride channel, voltage-sensitive 3
2.3	203431_s_at		ARHGAP32	Rho GTPase activating protein 32
2.3	224227_s_at	D	BDP1 (includes EG:294687)	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB
2.3	203223_at	D	RABEP1	rabaptin, RAB GTPase binding effector protein 1
2.3	1552685_a_at		GRHL1	grainyhead-like 1 (<i>Drosophila</i>)
2.3	202174_s_at	D	PCM1	pericentriolar material 1
2.3	218649_x_at	D	NEMF	nuclear export mediator factor
2.3	241659_at	D	JMJD1C	jumonji domain containing 1C
2.3	225093_at		UTRN	utrophin
2.3	229046_s_at	D	PLEKHB1	pleckstrin homology domain containing, family B (evectins) member 1
2.3	212650_at		EHBP1	EH domain binding protein 1
2.3	208991_at		STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)
2.3	225213_at		PPTC7	PTC7 protein phosphatase homolog (<i>S. cerevisiae</i>)
2.3	220745_at		IL19	interleukin 19
2.3	217973_at		DCXR	dicarbonyl/L-xylulose reductase
2.3	214305_s_at	D	SF3B1	splicing factor 3b, subunit 1, 155kDa
2.3	208952_s_at	D	LARP4B	La ribonucleoprotein domain family, member 4B
2.3	225139_at	D	NFATC3	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3
2.3	229932_at		RNF181	ring finger protein 181
2.3	217094_s_at	D	ITCH	itchy E3 ubiquitin protein ligase
2.3	212067_s_at		C1R	complement component 1, r subcomponent
2.3	226388_at		TCEA3	transcription elongation factor A (SII), 3
2.3	212207_at		MED13L	mediator complex subunit 13-like
2.3	202798_at		SEC24B	SEC24 family, member B (<i>S. cerevisiae</i>)
2.3	203642_s_at	D	COBL1	COBL-like 1
2.3	218107_at	D	WDR26	WD repeat domain 26
2.3	223027_at	D	SNX9	sorting nexin 9
2.2	222745_s_at		C15orf29	chromosome 15 open reading frame 29
2.2	212451_at	D	SECISBP2L	SECIS binding protein 2-like
2.2	1555153_s_at		FCHO2	FCH domain only 2
2.2	203216_s_at	D	MYO6	myosin VI
2.2	212445_s_at	D	NEDD4L	neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase
2.2	231825_x_at		ATF7IP	activating transcription factor 7 interacting protein
2.2	211832_s_at		MDM2	Mdm2, p53 E3 ubiquitin protein ligase homolog (mouse)
2.2	244495_x_at	D	TMEM241	transmembrane protein 241
2.2	201583_s_at		SEC23B	Sec23 homolog B (<i>S. cerevisiae</i>)
2.2	201914_s_at	D	SEC63 (includes EG:11231)	SEC63 homolog (<i>S. cerevisiae</i>)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.2	215434_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
2.2	203725_at		GADD45A	growth arrest and DNA-damage-inducible, alpha
2.2	228905_at	D	PCM1	pericentriolar material 1
2.2	209771_x_at	D	CD24	CD24 molecule
2.2	1554096_a_at		RBM33	RNA binding motif protein 33
2.2	216056_at	D	CD44 (includes EG: 100330801)	CD44 molecule (Indian blood group)
2.2	208773_s_at	D	ANKHD1	ankyrin repeat and KH domain containing 1
2.2	212659_s_at	D	IL1RN	interleukin 1 receptor antagonist
2.2	228363_at		XIAP	X-linked inhibitor of apoptosis
2.2	202514_at	D	DLG1	discs, large homolog 1 (Drosophila)
2.2	204022_at		WWP2	WW domain containing E3 ubiquitin protein ligase 2
2.2	208704_x_at	D	APLP2	amyloid beta (A4) precursor-like protein 2
2.2	1555559_s_at	D	USP25	ubiquitin specific peptidase 25
2.2	225507_at		PNISR	PNN-interacting serine/arginine-rich protein
2.2	223701_s_at		USP47	ubiquitin specific peptidase 47
2.2	225447_at		GPD2	glycerol-3-phosphate dehydrogenase 2 (mitochondrial)
2.2	201800_s_at		OSBP	oxysterol binding protein
2.2	212460_at		SPTSSA	serine palmitoyltransferase, small subunit A
2.2	216162_at		SBNO1	strawberry notch homolog 1 (Drosophila)
2.2	202516_s_at	D	DLG1	discs, large homolog 1 (Drosophila)
2.2	227990_at		SLU7 (includes EG: 10569)	SLU7 splicing factor homolog (S. cerevisiae)
2.2	210051_at		RAPGEF3	Rap guanine nucleotide exchange factor (GEF) 3
2.2	215182_x_at		MYH9	myosin, heavy chain 9, non-muscle
2.2	266_s_at	D	CD24	CD24 molecule
2.2	226740_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
2.2	228964_at		PRDM1	PR domain containing 1, with ZNF domain
2.2	220090_at		CRNN	cornulin
2.2	217951_s_at	D	PHF3	PHD finger protein 3
2.1	203509_at		SORL1	sortilin-related receptor, L(DLR class) A repeats containing
2.1	215041_s_at	D	DOCK9	dedicator of cytokinesis 9
2.1	205412_at		ACAT1	acetyl-CoA acetyltransferase 1
2.1	214665_s_at	D	CHP	calcium binding protein P22
2.1	229051_at	D	YPEL2	yippee-like 2 (Drosophila)
2.1	234688_x_at		CNTROB	centrobin, centrosomal BRCA2 interacting protein
2.1	203531_at		CUL5	cullin 5
2.1	203499_at		EPHA2	EPH receptor A2
2.1	203007_x_at		LYPLA1	lysophospholipase I
2.1	227460_at		FAM208A	family with sequence similarity 208, member A
2.1	224493_x_at	D	TMEM241	transmembrane protein 241
2.1	213236_at	D	SASH1	SAM and SH3 domain containing 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.1	1555401_at		SOHLH2	spermatogenesis and oogenesis specific basic helix-loop-helix 2
2.1	202054_s_at	D	ALDH3A2	aldehyde dehydrogenase 3 family, member A2
2.1	201413_at		HSD17B4	hydroxysteroid (17-beta) dehydrogenase 4
2.1	223577_x_at	D	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)
2.1	203675_at		NUCB2	nucleobindin 2
2.1	204896_s_at		PTGER4	prostaglandin E receptor 4 (subtype EP4)
2.1	212815_at		ASCC3	activating signal cointegrator 1 complex subunit 3
2.1	240700_at	D	TOR1AIP2	torsin A interacting protein 2
2.1	238028_at	D	C6orf132	chromosome 6 open reading frame 132
2.1	202721_s_at	D	GFPT1	glutamine--fructose-6-phosphate transaminase 1
2.1	209048_s_at	D	ZMYND8	zinc finger, MYND-type containing 8
2.1	227924_at		INO80D	INO80 complex subunit D
2.1	225064_at	D	RABEP1	rabaptin, RAB GTPase binding effector protein 1
2.1	212450_at	D	SECISBP2L	SECIS binding protein 2-like
2.1	231735_s_at	D	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)
2.1	231974_at		MLL2	myeloid/lymphoid or mixed-lineage leukemia 2
2.1	217954_s_at	D	PHF3	PHD finger protein 3
2.1	214939_x_at	D	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 4
2.1	216243_s_at	D	IL1RN	interleukin 1 receptor antagonist
2.1	224836_at		TP53INP2	tumor protein p53 inducible nuclear protein 2
2.1	201206_s_at		RRBP1	ribosome binding protein 1 homolog 180kDa (dog)
2.1	1564308_a_at		MPP7	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)
2.1	241455_at	D	C6orf132	chromosome 6 open reading frame 132
2.1	1553542_at		CCDC125	coiled-coil domain containing 125
2.1	205228_at		RBMS2	RNA binding motif, single stranded interacting protein 2
2.1	203713_s_at		LLGL2	lethal giant larvae homolog 2 (Drosophila)
2.1	220351_at		CCRL1	chemokine (C-C motif) receptor-like 1
2.1	1558678_s_at	D	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)
2.1	221526_x_at	D	PARD3	par-3 partitioning defective 3 homolog (C. elegans)
2.1	222148_s_at		RHOT1	ras homolog family member T1
2.1	41644_at	D	SASH1	SAM and SH3 domain containing 1
2.1	243786_at		ZDHHC20	zinc finger, DHHC-type containing 20
2.1	218933_at		SPATA5L1	spermatogenesis associated 5-like 1
2.1	211653_x_at		AKR1C1/AKR1C2	aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III)
2.1	202631_s_at		APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.1	202011_at		TJP1 (includes EG:21872)	tight junction protein 1 (zona occludens 1)
2.1	219267_at	D	GLTP	glycolipid transfer protein
2.1	243495_s_at		ZNF652	zinc finger protein 652
2.1	213988_s_at	D	SAT1	spermidine/spermine N1-acetyltransferase 1
2.1	200976_s_at	D	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1
2.1	222467_s_at		PPP6R3	protein phosphatase 6, regulatory subunit 3
2.0	209373_at		MALL	mal, T-cell differentiation protein-like
2.0	201103_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
2.0	200970_s_at		SERP1	stress-associated endoplasmic reticulum protein 1
2.0	218539_at		FBXO34	F-box protein 34
2.0	227205_at		TAF1 (includes EG:270627)	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa
2.0	1567906_at		SOX4	SRY (sex determining region Y)-box 4
2.0	223129_x_at	D	MYLIP	myosin regulatory light chain interacting protein
2.0	236490_at	D	NEDD4L	neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase
2.0	230618_s_at	D	PRRC2C	proline-rich coiled-coil 2C
2.0	211465_x_at	D	FUT6	fucosyltransferase 6 (alpha (1,3) fucosyltransferase)
2.0	213850_s_at		SCAF11	SR-related CTD-associated factor 11
2.0	210461_s_at	D	ABLIM1	actin binding LIM protein 1
2.0	208809_s_at		C6orf62	chromosome 6 open reading frame 62
2.0	201546_at		TRIP12	thyroid hormone receptor interactor 12
2.0	210547_x_at		ICA1	islet cell autoantigen 1, 69kDa
2.0	223233_s_at		CGN	cingulin
2.0	222119_s_at		FBXO11	F-box protein 11
2.0	238349_at		UBN2	ubiquitin 2
2.0	226010_at		SLC25A23	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23
2.0	236243_at		ZCCHC6	zinc finger, CCHC domain containing 6
2.0	225921_at		NIN	ninein (GSK3B interacting protein)
2.0	213612_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
2.0	225138_at	D	ZRANB1	zinc finger, RAN-binding domain containing 1
2.0	235055_x_at		MUC4	mucin 4, cell surface associated
2.0	209046_s_at		GABARAPL2	GABA(A) receptor-associated protein-like 2
2.0	200899_s_at	D	MGEA5	meningioma expressed antigen 5 (hyaluronidase)
2.0	212455_at		YTHDC1	YTH domain containing 1
2.0	201324_at	D	EMP1	epithelial membrane protein 1
2.0	218024_at		BRP44L	brain protein 44-like
2.0	202084_s_at		SEC14L1	SEC14-like 1 (<i>S. cerevisiae</i>)
2.0	202722_s_at	D	GFPT1	glutamine--fructose-6-phosphate transaminase 1
2.0	214124_x_at		FGFR1OP	FGFR1 oncogene partner

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

2.0	208881_x_at	D	IDI1	isopentenyl-diphosphate delta isomerase 1
2.0	208661_s_at	D	TTC3	tetratricopeptide repeat domain 3
2.0	244396_at	D	G3BP1	GTPase activating protein (SH3 domain) binding protein 1
2.0	212263_at	D	QKI	QKI, KH domain containing, RNA binding
2.0	233811_at		RIN2	Ras and Rab interactor 2
2.0	229399_at	D	C10orf118	chromosome 10 open reading frame 118
2.0	1553588_at		SH3KBP1	SH3-domain kinase binding protein 1
2.0	208663_s_at	D	TTC3	tetratricopeptide repeat domain 3
1.9	216085_at		DKFZP434C153	DKFZP434C153 protein
1.9	201991_s_at	D	KIF5B	kinesin family member 5B
1.9	214941_s_at	D	PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (<i>S. cerevisiae</i>)
1.9	209996_x_at	D	PCM1	pericentriolar material 1
1.9	226739_at		RNF169	ring finger protein 169
1.9	211475_s_at	D	BAG1	BCL2-associated athanogene
1.9	228436_at		KCNC4	potassium voltage-gated channel, Shaw-related subfamily, member 4
1.9	242192_at	D	YPEL2	yippee-like 2 (<i>Drosophila</i>)
1.9	222762_x_at		LIMD1	LIM domains containing 1
1.9	200861_at	D	CNOT1	CCR4-NOT transcription complex, subunit 1
1.9	228196_s_at	D	LARP4B	La ribonucleoprotein domain family, member 4B
1.9	217848_s_at		PPA1	pyrophosphatase (inorganic) 1
1.9	232066_x_at		CTBP1-AS1	CTBP1 antisense RNA 1 (non-protein coding)
1.9	200977_s_at	D	TAX1BP1	Tax1 (human T-cell leukemia virus type I) binding protein 1
1.9	203837_at		MAP3K5	mitogen-activated protein kinase kinase kinase 5
1.9	225265_at		RBMS1	RNA binding motif, single stranded interacting protein 1
1.9	233230_s_at		SLAIN2	SLAIN motif family, member 2
1.9	207276_at		CDR1	cerebellar degeneration-related protein 1, 34kDa
1.9	225992_at		MLLT10	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, <i>Drosophila</i>); translocated to, 10
1.9	218129_s_at	D	NFYB	nuclear transcription factor Y, beta
1.9	232975_at		HCG18	HLA complex group 18 (non-protein coding)
1.9	228520_s_at	D	APLP2	amyloid beta (A4) precursor-like protein 2
1.9	219084_at		NSD1	nuclear receptor binding SET domain protein 1
1.9	215438_x_at		GSPT1	G1 to S phase transition 1
1.9	210592_s_at	D	SAT1	spermidine/spermine N1-acetyltransferase 1
1.9	1565436_s_at	D	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, <i>Drosophila</i>)
1.9	226683_at		SNX18	sorting nexin 18
1.9	210645_s_at	D	TTC3	tetratricopeptide repeat domain 3
1.9	1553212_at		KRT78	keratin 78
1.9	200620_at		TMEM59	transmembrane protein 59
1.9	213796_at		SPRR1A	small proline-rich protein 1A
1.9	212211_at	D	ANKRD17	ankyrin repeat domain 17

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

1.9	212854_x_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
1.9	225771_at	D	AP1G1	adaptor-related protein complex 1, gamma 1 subunit
1.9	1555154_a_at	D	QKI	QKI, KH domain containing, RNA binding
1.9	210094_s_at	D	PARD3	par-3 partitioning defective 3 homolog (C. elegans)
1.9	225816_at	D	PHF17	PHD finger protein 17
1.9	202220_at		KIAA0907	KIAA0907
1.8	211325_x_at		DSTNP2	destrin (actin depolymerizing factor) pseudogene 2
1.8	211316_x_at	D	CFLAR	CASP8 and FADD-like apoptosis regulator
1.8	211944_at	D	PRRC2C	proline-rich coiled-coil 2C
1.8	231699_at		LOC100289251	uncharacterized LOC100289251
1.8	1553694_a_at	D	PIK3C2A	phosphoinositide-3-kinase, class 2, alpha polypeptide
1.8	201056_at		GOLGB1	golgin B1
1.8	1555202_a_at		RPRD1A	regulation of nuclear pre-mRNA domain containing 1A
1.8	216721_at		SLC25A30	solute carrier family 25, member 30
1.8	201266_at		TXNRD1	thioredoxin reductase 1
1.8	231830_x_at	D	RAB11FIP1	RAB11 family interacting protein 1 (class I)
1.8	216379_x_at	D	CD24	CD24 molecule
1.8	203350_at	D	AP1G1	adaptor-related protein complex 1, gamma 1 subunit
1.8	212688_at		PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide
1.8	202584_at	D	NFX1	nuclear transcription factor, X-box binding 1
1.8	213009_s_at	D	TRIM37	tripartite motif containing 37
1.8	215667_x_at		PMS2P1	postmeiotic segregation increased 2 pseudogene 1
1.8	212166_at		XPO7	exportin 7
1.8	223662_x_at		DDX59	DEAD (Asp-Glu-Ala-Asp) box polypeptide 59
1.8	216550_x_at		ANKRD12	ankyrin repeat domain 12
1.8	200791_s_at		IQGAP1	IQ motif containing GTPase activating protein 1
1.8	220285_at	D	FAM108B1	family with sequence similarity 108, member B1
1.8	212914_at		CBX7	chromobox homolog 7
1.8	218053_at	D	PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (S. cerevisiae)
1.8	217877_s_at		GPBP1L1	GC-rich promoter binding protein 1-like 1
1.8	219443_at	D	TASP1	taspase, threonine aspartase, 1
1.8	227676_at		FAM3D	family with sequence similarity 3, member D
1.8	201972_at		ATP6V1A	ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A
1.8	224897_at	D	WDR26	WD repeat domain 26
1.8	212138_at		PDS5A	PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae)
1.8	244046_at		URGCP	upregulator of cell proliferation
1.8	224687_at		ANKIB1	ankyrin repeat and IBR domain containing 1
1.8	218913_s_at		GMIP	GEM interacting protein

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

1.8	204971_at		CSTA	cystatin A (stefin A)
1.8	208638_at		PDIA6	protein disulfide isomerase family A, member 6
1.8	203535_at		S100A9	S100 calcium binding protein A9
1.8	202302_s_at		RSRC2	arginine/serine-rich coiled-coil 2
1.8	224862_at		GNAQ	guanine nucleotide binding protein (G protein), q polypeptide
1.7	210150_s_at		LAMA5	laminin, alpha 5
1.7	208710_s_at		AP3D1	adaptor-related protein complex 3, delta 1 subunit
1.7	201499_s_at		USP7	ubiquitin specific peptidase 7 (herpes virus-associated)
1.7	201333_s_at	D	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12
1.7	215179_x_at		PGF	placental growth factor
1.7	226706_at		QSOX1	quiescin Q6 sulfhydryl oxidase 1
1.7	224810_s_at		ANKRD13A	ankyrin repeat domain 13A
1.7	232215_x_at	D	PRR11	proline rich 11
1.7	209402_s_at		SLC12A4	solute carrier family 12 (potassium/chloride transporters), member 4
1.7	230712_at	D	NBPF11 (includes others)	neuroblastoma breakpoint family, member 11
1.7	220181_x_at		SLC30A5	solute carrier family 30 (zinc transporter), member 5
1.7	203407_at		PPL	periplakin
1.7	218829_s_at		CHD7	chromodomain helicase DNA binding protein 7
1.7	1555037_a_at		IDH1	isocitrate dehydrogenase 1 (NADP+), soluble
1.7	231988_x_at		ZNF490	zinc finger protein 490
1.7	210707_x_at		DTX2P1-UPK3BP1-PMS2P11	DTX2P1-UPK3BP1-PMS2P11 readthrough (non-protein coding)
1.7	222983_s_at		PAIP2	poly(A) binding protein interacting protein 2
1.7	200811_at		CIRBP	cold inducible RNA binding protein
1.7	202738_s_at		PHKB	phosphorylase kinase, beta
1.7	239748_x_at	D	OCIAD1	OCIA domain containing 1
1.7	209259_s_at		SMC3	structural maintenance of chromosomes 3
1.7	231975_s_at		MIER3	mesoderm induction early response 1, family member 3
1.7	222015_at		CSNK1E	casein kinase 1, epsilon
1.7	206792_x_at		PDE4C	phosphodiesterase 4C, cAMP-specific
1.7	209186_at		ATP2A2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
1.7	1563560_at		AHNAK	AHNAK nucleoprotein
1.7	202097_at		NUP153	nucleoporin 153kDa
1.7	1568888_at		LOC100507283	uncharacterized LOC100507283
1.7	215499_at		MAP2K3	mitogen-activated protein kinase kinase 3
1.7	218205_s_at		MKNK2	MAP kinase interacting serine/threonine kinase 2
1.7	200860_s_at	D	CNOT1	CCR4-NOT transcription complex, subunit 1
1.6	225177_at	D	RAB11FIP1	RAB11 family interacting protein 1 (class I)
1.6	208720_s_at		RBM39	RNA binding motif protein 39

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

1.6	201021_s_at		DSTN	destrin (actin depolymerizing factor)
1.6	229356_x_at		INO80 (includes EG:296084)	INO80 homolog (<i>S. cerevisiae</i>)
1.6	212269_s_at		MCM3AP	minichromosome maintenance complex component 3 associated protein
1.6	204536_s_at		REST	RE1-silencing transcription factor
1.6	211578_s_at		RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1
1.6	202387_at	D	BAG1	BCL2-associated athanogene
1.6	239364_at		ETV6	ets variant 6
1.6	221522_at		ANKRD27	ankyrin repeat domain 27 (VPS9 domain)
1.6	214435_x_at		RALA	v-ral simian leukemia viral oncogene homolog A (ras related)
1.6	208702_x_at	D	APLP2	amyloid beta (A4) precursor-like protein 2
1.6	212657_s_at	D	IL1RN	interleukin 1 receptor antagonist
1.6	1558825_s_at		NBPF3	neuroblastoma breakpoint family, member 3
1.6	211549_s_at		HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
1.6	218098_at		ARFGEF2	ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited)
1.6	201183_s_at		CHD4	chromodomain helicase DNA binding protein 4
1.6	200614_at		CLTC	clathrin, heavy chain (Hc)
1.6	214473_x_at		PMS2P3	postmeiotic segregation increased 2 pseudogene 3
1.6	212481_s_at	D	TPM4	tropomyosin 4
1.6	208895_s_at		DDX18	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18
1.6	215823_x_at		RLIM	ring finger protein, LIM domain interacting
1.6	205596_s_at		SMURF2	SMAD specific E3 ubiquitin protein ligase 2
1.5	1556854_at		LOC283501	uncharacterized LOC283501
1.5	237444_at		KIF13A	kinesin family member 13A
1.5	204048_s_at	D	PHACTR2	phosphatase and actin regulator 2
1.5	207993_s_at	D	CHP	calcium binding protein P22
1.5	212165_at		TMEM183A	transmembrane protein 183A
1.5	220419_s_at	D	USP25	ubiquitin specific peptidase 25
1.5	226851_at		LYPLAL1	lysophospholipase-like 1
1.5	201375_s_at		PPP2CB	protein phosphatase 2, catalytic subunit, beta isozyme
1.5	208073_x_at	D	TTC3	tetratricopeptide repeat domain 3
1.5	207935_s_at		KRT13	keratin 13
1.5	214345_at		EDIL3	EGF-like repeats and discoidin I-like domains 3
1.5	201210_at	D	DDX3X	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
1.4	200692_s_at		HSPA9	heat shock 70kDa protein 9 (mortalin)
1.4	200097_s_at		HNRNPK	heterogeneous nuclear ribonucleoprotein K
1.4	226177_at	D	GLTP	glycolipid transfer protein
1.4	223078_s_at		TMOD3	tropomodulin 3 (ubiquitous)
1.4	210211_s_at		HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1
1.4	219121_s_at		ESRP1	epithelial splicing regulatory protein 1
1.4	223760_s_at		RAB7A	RAB7A, member RAS oncogene family
1.4	211985_s_at	D	CALM1 (includes others)	calmodulin 1 (phosphorylase kinase, delta)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

1.3	208113_x_at		PABPC3	poly(A) binding protein, cytoplasmic 3
1.3	229835_s_at		SLMO2	slowmo homolog 2 (Drosophila)
1.3	1567107_s_at	D	TPM4	tropomyosin 4
1.3	215157_x_at		PABPC1	poly(A) binding protein, cytoplasmic 1
1.3	201201_at		CSTB	cystatin B (stefin B)
1.3	232082_x_at	D	SPRR3	small proline-rich protein 3
1.3	208616_s_at		PTP4A2	protein tyrosine phosphatase type IVA, member 2
1.3	201012_at		ANXA1	annexin A1
1.2	218990_s_at	D	SPRR3	small proline-rich protein 3
1.2	200748_s_at		FTH1 (includes EG:14319)	ferritin, heavy polypeptide 1
-1.1	208834_x_at	D	RPL23A	ribosomal protein L23a
-1.1	208825_x_at	D	RPL23A	ribosomal protein L23a
-1.1	208929_x_at	D	RPL13	ribosomal protein L13
-1.1	213084_x_at	D	RPL23A	ribosomal protein L23a
-1.1	212734_x_at	D	RPL13	ribosomal protein L13
-1.1	219762_s_at		RPL36	ribosomal protein L36
-1.1	200763_s_at		RPLP1	ribosomal protein, large, P1
-1.2	217733_s_at		TMSB10/TMSB4X	thymosin beta 4, X-linked
-1.2	221700_s_at		UBA52	ubiquitin A-52 residue ribosomal protein fusion product 1
-1.2	200809_x_at	D	RPL12	ribosomal protein L12
-1.2	211720_x_at	D	RPLP0	ribosomal protein, large, P0
-1.2	200640_at	D	YWHAZ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide
-1.2	212044_s_at	D	RPL27A	ribosomal protein L27a
-1.2	200926_at		RPS23	ribosomal protein S23
-1.2	200088_x_at	D	RPL12	ribosomal protein L12
-1.2	203034_s_at	D	RPL27A	ribosomal protein L27a
-1.2	214042_s_at		RPL22	ribosomal protein L22
-1.2	201033_x_at	D	RPLP0	ribosomal protein, large, P0
-1.2	200022_at	D	RPL18	ribosomal protein L18
-1.3	200645_at		GABARAP	GABA(A) receptor-associated protein
-1.3	203107_x_at	D	RPS2	ribosomal protein S2
-1.3	211972_x_at	D	RPLP0	ribosomal protein, large, P0
-1.3	208856_x_at	D	RPLP0	ribosomal protein, large, P0
-1.3	200057_s_at		NONO	non-POU domain containing, octamer-binding
-1.3	200872_at		S100A10	S100 calcium binding protein A10
-1.3	212578_x_at	D	RPS17/RPS17L	ribosomal protein S17
-1.3	200639_s_at	D	YWHAZ	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide
-1.3	211487_x_at	D	RPS17/RPS17L	ribosomal protein S17
-1.3	225065_x_at		C17orf76-AS1	C17orf76 antisense RNA 1 (non-protein coding)
-1.3	1563431_x_at	D	CALM1 (includes others)	calmodulin 1 (phosphorylase kinase, delta)
-1.3	228993_s_at		BBIP1	BBSome interacting protein 1
-1.3	200823_x_at	D	RPL29 (includes EG:367874)	ribosomal protein L29
-1.3	234225_at	D	KIFC1	kinesin family member C1
-1.4	218213_s_at		C11orf10	chromosome 11 open reading frame 10

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-1.4	200093_s_at	D	HINT1	histidine triad nucleotide binding protein 1
-1.4	200010_at		RPL11	ribosomal protein L11
-1.4	200936_at		RPL8	ribosomal protein L8
-1.4	213969_x_at	D	RPL29 (includes EG:367874)	ribosomal protein L29
-1.4	210811_s_at		DDX49	DEAD (Asp-Glu-Ala-Asp) box polypeptide 49
-1.4	225038_s_at		SURF6	surfeit 6
-1.4	200844_s_at		PRDX6	peroxiredoxin 6
-1.4	212433_x_at	D	RPS2	ribosomal protein S2
-1.4	218762_at		ZNF574	zinc finger protein 574
-1.4	225629_s_at		ZBTB4	zinc finger and BTB domain containing 4
-1.4	208730_x_at		RAB2A	RAB2A, member RAS oncogene family
-1.4	200834_s_at		RPS21	ribosomal protein S21
-1.4	215452_x_at		SUMO4	SMT3 suppressor of mif two 3 homolog 4 (S. cerevisiae)
-1.4	241350_at		FBXL22	F-box and leucine-rich repeat protein 22
-1.4	201665_x_at	D	RPS17/RPS17L	ribosomal protein S17
-1.4	211611_s_at	D	TNXB	tenascin XB
-1.4	45526_g_at	D	NAA60	N(alpha)-acetyltransferase 60, NatF catalytic subunit
-1.4	201224_s_at		SRRM1	serine/arginine repetitive matrix 1
-1.4	216383_at		RPL18A	ribosomal protein L18a
-1.4	207707_s_at		SEC13	SEC13 homolog (S. cerevisiae)
-1.5	210183_x_at		PNN	pinin, desmosome associated protein
-1.5	1555483_x_at	D	FBLIM1	filamin binding LIM protein 1
-1.5	200023_s_at		EIF3F	eukaryotic translation initiation factor 3, subunit F
-1.5	200929_at		TMED10	transmembrane emp24-like trafficking protein 10 (yeast)
-1.5	209154_at		TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3
-1.5	242621_at		ZNF498	zinc finger protein 498
-1.5	208764_s_at		ATP5G2	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C2 (subunit 9)
-1.5	200818_at		ATP5O	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit
-1.5	204326_x_at	D	MT1X	metallothionein 1X
-1.5	201245_s_at		OTUB1	OTU domain, ubiquitin aldehyde binding 1
-1.5	207721_x_at	D	HINT1	histidine triad nucleotide binding protein 1
-1.5	210466_s_at		SERBP1	SERPINE1 mRNA binding protein 1
-1.5	201411_s_at		PLEKHB2	pleckstrin homology domain containing, family B (evectins) member 2
-1.5	238683_at		ZNF524	zinc finger protein 524
-1.5	201336_at		VAMP3	vesicle-associated membrane protein 3 (cellubrevin)
-1.5	208626_s_at		VAT1	vesicle amine transport protein 1 homolog (T. californica)
-1.5	217144_at		UBB	ubiquitin B
-1.5	200009_at		GDI2	GDP dissociation inhibitor 2
-1.5	222836_at		NAA15	N(alpha)-acetyltransferase 15, NatA auxiliary subunit
-1.5	224948_at		MRPS24	mitochondrial ribosomal protein S24
-1.5	203926_x_at		ATP5D	ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-1.5	215096_s_at		ESD	esterase D
-1.5	216210_x_at		TRIOBP	TRIO and F-actin binding protein
-1.6	231211_s_at		YIF1B	Yip1 interacting factor homolog B (S. cerevisiae)
-1.6	201757_at		RPL10	ribosomal protein L10
-1.6	217466_x_at	D	RPS2	ribosomal protein S2
-1.6	212626_x_at	D	HNRNPC	heterogeneous nuclear ribonucleoprotein C (C1/C2)
-1.6	208517_x_at	D	BTF3	basic transcription factor 3
-1.6	211939_x_at	D	BTF3	basic transcription factor 3
-1.6	200852_x_at		GNB2	guanine nucleotide binding protein (G protein), beta polypeptide 2
-1.6	204021_s_at	D	PURA	purine-rich element binding protein A
-1.6	217736_s_at		EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1
-1.6	222297_x_at	D	RPL18	ribosomal protein L18
-1.6	216570_x_at	D	RPL29 (includes EG:367874)	ribosomal protein L29
-1.6	210734_x_at	D	MAX	MYC associated factor X
-1.6	213384_x_at		PLCB3	phospholipase C, beta 3 (phosphatidylinositol-specific)
-1.6	225636_at		STAT2	signal transducer and activator of transcription 2, 113kDa
-1.6	202244_at		PSMB4	proteasome (prosome, macropain) subunit, beta type, 4
-1.6	214288_s_at		PSMB1	proteasome (prosome, macropain) subunit, beta type, 1
-1.6	225547_at		SNHG6	small nucleolar RNA host gene 6 (non-protein coding)
-1.6	201253_s_at		CDIPT	CDP-diacylglycerol--inositol 3-phosphatidyltransferase
-1.6	200075_s_at		GUK1	guanylate kinase 1
-1.6	202785_at		NDUFA7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa
-1.6	230801_at		RPRD1B	regulation of nuclear pre-mRNA domain containing 1B
-1.6	213809_x_at		TCF3	transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)
-1.6	217926_at		C19orf53	chromosome 19 open reading frame 53
-1.6	219657_s_at		KLF3	Kruppel-like factor 3 (basic)
-1.6	234071_at		DEPTOR	DEP domain containing MTOR-interacting protein
-1.6	208967_s_at		AK2	adenylate kinase 2
-1.6	200895_s_at		FKBP4	FK506 binding protein 4, 59kDa
-1.6	224752_at		C7orf73	chromosome 7 open reading frame 73
-1.6	214167_s_at	D	RPLP0	ribosomal protein, large, P0
-1.6	203316_s_at		SNRPE	small nuclear ribonucleoprotein polypeptide E
-1.6	209549_s_at		DGUOK	deoxyguanosine kinase
-1.6	215923_s_at		PSD4	pleckstrin and Sec7 domain containing 4
-1.6	213806_at	D	PURA	purine-rich element binding protein A
-1.6	90610_at		LRCH4	leucine-rich repeats and calponin homology (CH) domain containing 4
-1.6	201064_s_at		PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-1.7	203206_at		FAM53B	family with sequence similarity 53, member B
-1.7	214737_x_at	D	HNRNPC	heterogeneous nuclear ribonucleoprotein C (C1/C2)
-1.7	210633_x_at	D	KRT10	keratin 10
-1.7	232888_at		ISM1	isthmin 1 homolog (zebrafish)
-1.7	209185_s_at		IRS2	insulin receptor substrate 2
-1.7	212303_x_at		KHSRP	KH-type splicing regulatory protein
-1.7	33322_i_at	D	SFN	stratifin
-1.7	229163_at		CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1
-1.7	228053_s_at		TOMM5	translocase of outer mitochondrial membrane 5 homolog (yeast)
-1.7	200621_at		CSRP1	cysteine and glycine-rich protein 1
-1.7	224895_at		YAP1 (includes EG:10413)	Yes-associated protein 1
-1.7	231209_at		EXOC3L4	exocyst complex component 3-like 4
-1.7	202117_at		ARHGAP1	Rho GTPase activating protein 1
-1.7	214864_s_at		GRHPR	glyoxylate reductase/hydroxypyruvate reductase
-1.7	203166_at		CFDP1	craniofacial development protein 1
-1.7	228690_s_at		NDUFA11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa
-1.7	200948_at		MLF2	myeloid leukemia factor 2
-1.7	218661_at	D	NAA60	N(alpha)-acetyltransferase 60, NatF catalytic subunit
-1.7	227207_x_at		ZNF213	zinc finger protein 213
-1.7	229237_s_at		FOXN3	forkhead box N3
-1.7	220597_s_at		ARL6IP4	ADP-ribosylation-like factor 6 interacting protein 4
-1.7	231271_x_at		NMRAL1	NmrA-like family domain containing 1
-1.7	201305_x_at	D	ANP32B	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B
-1.7	200822_x_at		TPI1	triosephosphate isomerase 1
-1.7	200925_at		COX6A1	cytochrome c oxidase subunit VIa polypeptide 1
-1.7	229365_at		PPP1R3F	protein phosphatase 1, regulatory subunit 3F
-1.7	214315_x_at		CALR	calreticulin
-1.7	208817_at	D	COMT	catechol-O-methyltransferase
-1.7	228594_at		NADKD1	NAD kinase domain containing 1
-1.7	210269_s_at		AKAP17A	A kinase (PRKA) anchor protein 17A
-1.7	222138_s_at		WDR13	WD repeat domain 13
-1.7	208581_x_at	D	MT1X	metallothionein 1X
-1.7	39548_at		NPAS2	neuronal PAS domain protein 2
-1.7	208711_s_at		CCND1	cyclin D1
-1.7	212185_x_at		MT2A	metallothionein 2A
-1.7	221964_at		TULP3	tubby like protein 3
-1.7	217784_at		YKT6	YKT6 v-SNARE homolog (S. cerevisiae)
-1.7	200932_s_at		DCTN2	dynactin 2 (p50)
-1.7	229269_x_at	D	SSBP4	single stranded DNA binding protein 4
-1.7	223003_at		C19orf43	chromosome 19 open reading frame 43
-1.7	219513_s_at		SH2D3A	SH2 domain containing 3A
-1.7	201227_s_at		NDUFB8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa
-1.7	233971_at		FAM166A	family with sequence similarity 166, member A

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-1.7	216821_at	D	KRT8	keratin 8
-1.7	208977_x_at		TUBB4B	tubulin, beta 4B class IVb
-1.8	202355_s_at	D	GTF2F1	general transcription factor IIF, polypeptide 1, 74kDa
-1.8	209038_s_at	D	EHD1	EH-domain containing 1
-1.8	231681_x_at		HIST3H2A	histone cluster 3, H2a
-1.8	209058_at		EDF1	endothelial differentiation-related factor 1
-1.8	227308_x_at		LTBP3	latent transforming growth factor beta binding protein 3
-1.8	202189_x_at	D	PTBP1	polypyrimidine tract binding protein 1
-1.8	201568_at		UQCRO	ubiquinol-cytochrome c reductase, complex III subunit VII, 9.5kDa
-1.8	224714_at		MKI67IP	MKI67 (FHA domain) interacting nucleolar phosphoprotein
-1.8	210876_at		ANXA2P1	annexin A2 pseudogene 1
-1.8	233802_at		FAM184B	family with sequence similarity 184, member B
-1.8	200021_at		CFL1	cofilin 1 (non-muscle)
-1.8	234002_at		ABHD16B	abhydrolase domain containing 16B
-1.8	223012_at	D	UBXN6	UBX domain protein 6
-1.8	216032_s_at		ERGIC3	ERGIC and golgi 3
-1.8	218186_at		RAB25	RAB25, member RAS oncogene family
-1.8	225192_at		C10orf46	chromosome 10 open reading frame 46
-1.8	200005_at		EIF3D	eukaryotic translation initiation factor 3, subunit D
-1.8	227710_s_at		TPT1-AS1	TPT1 antisense RNA 1 (non-protein coding)
-1.8	223631_s_at		C19orf33	chromosome 19 open reading frame 33
-1.8	200736_s_at		GPX1 (includes EG:14775)	glutathione peroxidase 1
-1.8	225450_at		AMOTL1	angiomin like 1
-1.8	215507_x_at		RAB22A	RAB22A, member RAS oncogene family
-1.8	202169_s_at		AASDHPPT	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
-1.8	204335_at		CCDC94	coiled-coil domain containing 94
-1.8	221693_s_at	D	MRPS18A	mitochondrial ribosomal protein S18A
-1.8	204141_at		TUBB2A	tubulin, beta 2A class IIa
-1.8	201268_at		NME2	non-metastatic cells 2, protein (NM23B) expressed in
-1.8	227096_at		JOSD2	Josephin domain containing 2
-1.8	45653_at		KCTD13	potassium channel tetramerisation domain containing 13
-1.8	222240_s_at	D	ISYNA1	inositol-3-phosphate synthase 1
-1.8	200622_x_at	D	CALM1 (includes others)	calmodulin 1 (phosphorylase kinase, delta)
-1.8	33323_r_at	D	SFN	stratifin
-1.8	217805_at		ILF3	interleukin enhancer binding factor 3, 90kDa
-1.8	228251_at	D	UBXN6	UBX domain protein 6
-1.8	219293_s_at		OLA1	Obg-like ATPase 1
-1.8	217780_at		WDR83OS	WD repeat domain 83 opposite strand
-1.8	208527_x_at	D	HIST2H2BE (includes others)	histone cluster 2, H2be
-1.8	202513_s_at		PPP2R5D	protein phosphatase 2, regulatory subunit B', delta

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-1.8	201526_at		ARF5	ADP-ribosylation factor 5
-1.8	222713_s_at		FANCF	Fanconi anemia, complementation group F
-1.8	213554_s_at	D	CDV3	CDV3 homolog (mouse)
-1.8	218840_s_at		NADSYN1	NAD synthetase 1
-1.8	201845_s_at		RYBP	RING1 and YY1 binding protein
-1.8	213986_s_at		C19orf6	chromosome 19 open reading frame 6
-1.8	218385_at	D	MRPS18A	mitochondrial ribosomal protein S18A
-1.8	211275_s_at		GYG1	glycogenin 1
-1.8	217346_at		PPIA	peptidylprolyl isomerase A (cyclophilin A) family with sequence similarity 53, member A
-1.8	236206_at		FAM53A	
-1.8	215566_x_at	D	LYPLA2	lysophospholipase II
-1.8	225051_at		EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)
-1.9	201002_s_at		UBE2V1	ubiquitin-conjugating enzyme E2 variant 1
-1.9	209332_s_at	D	MAX	MYC associated factor X
-1.9	201885_s_at		CYB5R3	cytochrome b5 reductase 3
-1.9	215138_s_at	D	KAZN	kazrin, periplakin interacting protein
-1.9	214801_at	D	TOR1AIP2	torsin A interacting protein 2
-1.9	208569_at	D	HIST1H2AB/HIST1H2AE	histone cluster 1, H2ae
-1.9	207769_s_at	D	PQBP1	polyglutamine binding protein 1
-1.9	231045_x_at		C11orf31	chromosome 11 open reading frame 31
-1.9	201088_at	D	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)
-1.9	211762_s_at	D	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)
-1.9	209595_at		GTF2F2	general transcription factor IIF, polypeptide 2, 30kDa
-1.9	201541_s_at		ZNHIT1	zinc finger, HIT-type containing 1
-1.9	214629_x_at	D	RTN4 (includes EG:57142)	reticulon 4
-1.9	1557613_at		FLJ39534	uncharacterized FLJ39534
-1.9	216913_s_at		RRP12	ribosomal RNA processing 12 homolog (S. cerevisiae)
-1.9	202719_s_at	D	TES	testis derived transcript (3 LIM domains)
-1.9	224874_at		POLR1D	polymerase (RNA) I polypeptide D, 16kDa
-1.9	217846_at		QARS	glutamyl-tRNA synthetase
-1.9	218279_s_at		HIST2H2AA3/HIST2H2AA4	histone cluster 2, H2aa3
-1.9	203190_at		NDUFS8	NADH dehydrogenase (ubiquinone) Fe-S protein 8, 23kDa (NADH-coenzyme Q reductase)
-1.9	239286_at	D	CDH11	cadherin 11, type 2, OB-cadherin (osteoblast)
-1.9	225574_at		RWDD4	RWD domain containing 4
-1.9	201782_s_at		AIP	aryl hydrocarbon receptor interacting protein
-1.9	213299_at	D	ZBTB7A	zinc finger and BTB domain containing 7A
-1.9	227386_s_at		TMEM200B	transmembrane protein 200B
-1.9	200613_at		AP2M1	adaptor-related protein complex 2, mu 1 subunit
-1.9	219007_at		NUP43	nucleoporin 43kDa
-1.9	212559_at		PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta
-1.9	225823_at		C19orf70	chromosome 19 open reading frame 70

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-1.9	213627_at		MAGED2	melanoma antigen family D, 2
-1.9	203468_at		CDK10	cyclin-dependent kinase 10
-1.9	222567_s_at		MEX3C	mex-3 homolog C (C. elegans)
-1.9	222785_x_at	D	C11orf1	chromosome 11 open reading frame 1
-1.9	226839_at		NR2C2AP	nuclear receptor 2C2-associated protein
-1.9	201527_at		ATP6V1F	ATPase, H+ transporting, lysosomal 14kDa, V1 subunit F
-1.9	209571_at		CIR1	corepressor interacting with RBPJ, 1
-1.9	217844_at		CTDSP1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1
-1.9	238991_at		ASB1	ankyrin repeat and SOCS box containing 1
-1.9	218267_at		CINP	cyclin-dependent kinase 2 interacting protein
-1.9	214004_s_at		VGLL4	vestigial like 4 (Drosophila)
-1.9	213892_s_at		APRT	adenine phosphoribosyltransferase
-1.9	224723_x_at		LOC401397	uncharacterized LOC401397
-1.9	200065_s_at		ARF1	ADP-ribosylation factor 1
-1.9	217754_at		DDX56	DEAD (Asp-Glu-Ala-Asp) box helicase 56
-1.9	204990_s_at		ITGB4	integrin, beta 4
-1.9	211623_s_at		FBL	fibrillarin
-1.9	203307_at		GNL1	guanine nucleotide binding protein-like 1
-1.9	208024_s_at		DGCR6	DiGeorge syndrome critical region gene 6
-1.9	229392_s_at	D	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)
-1.9	209873_s_at		PKP3	plakophilin 3
-1.9	222998_at		MAF1 (includes EG:315093)	MAF1 homolog (S. cerevisiae)
-1.9	218038_at		ATP5SL	ATP5S-like
-1.9	38707_r_at	D	E2F4	E2F transcription factor 4, p107/p130-binding
-2.0	52741_at		TRMT61A	tRNA methyltransferase 61 homolog A (S. cerevisiae)
-2.0	216306_x_at	D	PTBP1	polypyrimidine tract binding protein 1
-2.0	206846_s_at		HDAC6	histone deacetylase 6
-2.0	38703_at	D	DNPEP	aspartyl aminopeptidase
-2.0	200990_at		TRIM28	tripartite motif containing 28
-2.0	224711_at		YY1	YY1 transcription factor
-2.0	215084_s_at		LRRC42	leucine rich repeat containing 42
-2.0	202841_x_at		OGFR	opioid growth factor receptor
-2.0	243062_at		FLCN	folliculin
-2.0	206074_s_at	D	HMGA1	high mobility group AT-hook 1
-2.0	229074_at		EHD4	EH-domain containing 4
-2.0	224468_s_at		C19orf48	chromosome 19 open reading frame 48
-2.0	234294_x_at		GATAD2A	GATA zinc finger domain containing 2A
-2.0	211270_x_at	D	PTBP1	polypyrimidine tract binding protein 1
-2.0	1569986_x_at	D	TNNT3	troponin T type 3 (skeletal, fast)
-2.0	220526_s_at		MRPL20 (includes EG:39477)	mitochondrial ribosomal protein L20
-2.0	201908_at		DVL3	dishevelled, dsh homolog 3 (Drosophila)
-2.0	214469_at	D	HIST1H2AB/HIST1H2AE	histone cluster 1, H2ae
-2.0	201260_s_at		SYPL1	synaptophysin-like 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.0	208490_x_at	D	HIST2H2BE (includes others)	histone cluster 2, H2be
-2.0	203743_s_at		TDG	thymine-DNA glycosylase
-2.0	201882_x_at		B4GALT1	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1
-2.0	220789_s_at		TBRG4	transforming growth factor beta regulator 4
-2.0	208336_s_at		TECR	trans-2,3-enoyl-CoA reductase
-2.0	212010_s_at	D	CDV3	CDV3 homolog (mouse)
-2.0	230699_at	D	PGLS	6-phosphogluconolactonase
-2.0	224953_at		YIPF5	Yip1 domain family, member 5
-2.0	204608_at		ASL	argininosuccinate lyase
-2.0	224973_at		FAM46A	family with sequence similarity 46, member A
-2.0	210968_s_at	D	RTN4 (includes EG:57142)	reticulon 4
-2.0	201390_s_at		CSNK2B	casein kinase 2, beta polypeptide
-2.0	227540_at		EEFSEC	eukaryotic elongation factor, selenocysteine-tRNA-specific
-2.0	203524_s_at		MPST	mercaptopyruvate sulfurtransferase
-2.0	65770_at		RHOT2	ras homolog family member T2
-2.0	206416_at		ZNF205	zinc finger protein 205
-2.0	224830_at		NUDT21	nudix (nucleoside diphosphate linked moiety X)-type motif 21
-2.0	230727_at		CISD3	CDGSH iron sulfur domain 3
-2.0	230806_s_at		FAM65A	family with sequence similarity 65, member A
-2.0	215263_at		ZXDA	zinc finger, X-linked, duplicated A
-2.0	202720_at	D	TES	testis derived transcript (3 LIM domains)
-2.0	201314_at		STK25	serine/threonine kinase 25
-2.0	215227_x_at		ACP1 (includes EG:11431)	acid phosphatase 1, soluble
-2.0	218021_at		DHRS4	dehydrogenase/reductase (SDR family) member 4
-2.0	227999_at		PWWP2B	PWWP domain containing 2B
-2.0	208466_at		RAB3D	RAB3D, member RAS oncogene family
-2.0	203530_s_at		STX4	syntaxin 4
-2.0	219431_at		ARHGAP10	Rho GTPase activating protein 10
-2.0	200910_at		CCT3	chaperonin containing TCP1, subunit 3 (gamma)
-2.0	213673_x_at		NENF	neudesin neurotrophic factor
-2.0	1570065_at		C22orf34	chromosome 22 open reading frame 34
-2.0	226639_at		SFT2D3	SFT2 domain containing 3
-2.0	218275_at		SLC25A10	solute carrier family 25 (mitochondrial carrier; dicarboxylate transporter), member 10
-2.0	206600_s_at	D	SLC16A5	solute carrier family 16, member 5 (monocarboxylic acid transporter 6)
-2.0	218492_s_at		THAP7	THAP domain containing 7
-2.0	212739_s_at		NME4	non-metastatic cells 4, protein expressed in
-2.0	39729_at		PRDX2	peroxiredoxin 2
-2.0	204045_at		TCEAL1	transcription elongation factor A (SII)-like 1
-2.0	203777_s_at		RPS6KB2	ribosomal protein S6 kinase, 70kDa, polypeptide 2

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.0	44120_at		ADCK2	aarF domain containing kinase 2
-2.0	221251_x_at		INO80B	INO80 complex subunit B
-2.1	228847_at	D	EXOC3	exocyst complex component 3
-2.1	48531_at	D	TNIP2	TNFAIP3 interacting protein 2
-2.1	1553162_x_at		C19orf55	chromosome 19 open reading frame 55
-2.1	212630_at	D	EXOC3	exocyst complex component 3
-2.1	227651_at		NACC1	nucleus accumbens associated 1, BEN and BTB (POZ) domain containing
-2.1	227042_at		YDJC	YdjC homolog (bacterial)
-2.1	223031_s_at		TRAF7	TNF receptor-associated factor 7, E3 ubiquitin protein ligase
-2.1	229144_at	D	KAZN	kazrin, periplakin interacting protein
-2.1	224301_x_at		H2AFJ	H2A histone family, member J
-2.1	202829_s_at		VAMP7	vesicle-associated membrane protein 7
-2.1	227878_s_at	D	ALKBH7	alkB, alkylation repair homolog 7 (E. coli)
-2.1	213755_s_at	D	SKI	v-ski sarcoma viral oncogene homolog (avian)
-2.1	228759_at		CREB3L2	cAMP responsive element binding protein 3-like 2
-2.1	227574_at	D	OBSL1	obscurin-like 1
-2.1	202246_s_at		CDK4	cyclin-dependent kinase 4
-2.1	202579_x_at		HMGN4	high mobility group nucleosomal binding domain 4
-2.1	223226_x_at	D	SSBP4	single stranded DNA binding protein 4
-2.1	204745_x_at		MT1G	metallothionein 1G
-2.1	203385_at		DGKA	diacylglycerol kinase, alpha 80kDa
-2.1	212759_s_at		TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)
-2.1	201306_s_at	D	ANP32B	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B
-2.1	225208_s_at		FAM103A1	family with sequence similarity 103, member A1
-2.1	225495_x_at	D	GADD45GIP1	growth arrest and DNA-damage-inducible, gamma interacting protein 1
-2.1	212874_at	D	APOE	apolipoprotein E
-2.1	224750_at		RNF185	ring finger protein 185
-2.1	219082_at		AMDHD2	amidohydrolase domain containing 2
-2.1	201040_at		GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
-2.1	1556316_s_at		LOC284889	uncharacterized LOC284889
-2.1	202154_x_at		TUBB3	tubulin, beta 3 class III
-2.1	202564_x_at		ARL2	ADP-ribosylation factor-like 2
-2.1	212859_x_at		MT1E	metallothionein 1E
-2.1	202958_at		PTPN9	protein tyrosine phosphatase, non-receptor type 9
-2.1	210457_x_at	D	HMGA1	high mobility group AT-hook 1
-2.1	1555201_a_at		RMND1	required for meiotic nuclear division 1 homolog (S. cerevisiae)
-2.1	218188_s_at		TIMM13	translocase of inner mitochondrial membrane 13 homolog (yeast)
-2.1	210027_s_at		APEX1	APEX nuclease (multifunctional DNA repair enzyme) 1
-2.1	1553993_s_at		MED25 (includes EG:292889)	mediator complex subunit 25
-2.1	202632_at		DPH1	DPH1 homolog (S. cerevisiae)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.1	1555575_a_at	D	KDELR1	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1
-2.1	201168_x_at	D	ARHGDI1A	Rho GDP dissociation inhibitor (GDI) alpha
-2.1	41220_at		SEPT9	septin 9
-2.1	209143_s_at		CLNS1A	chloride channel, nucleotide-sensitive, 1A
-2.1	220755_s_at	D	C6orf48	chromosome 6 open reading frame 48
-2.1	225004_at		TMEM101	transmembrane protein 101
-2.1	219919_s_at		SSH3	slingshot homolog 3 (Drosophila)
-2.1	1556102_x_at		LOC389906/LOC729162	zinc finger protein 839 pseudogene
-2.1	223017_at		TXNDC12	thioredoxin domain containing 12 (endoplasmic reticulum)
-2.1	215779_s_at	D	HIST2H2BE (includes others)	histone cluster 2, H2be
-2.1	200618_at		LASP1	LIM and SH3 protein 1
-2.2	228306_at		CNIH4	cornichon homolog 4 (Drosophila)
-2.2	225568_at		TMEM141	transmembrane protein 141
-2.2	217962_at		NOP10 (includes EG:36135)	NOP10 ribonucleoprotein homolog (yeast)
-2.2	212236_x_at	D	KRT17	keratin 17
-2.2	201563_at		SORD	sorbitol dehydrogenase
-2.2	222013_x_at	D	FAM86B1 (includes others)	family with sequence similarity 86, member B1
-2.2	218672_at		SCNM1	sodium channel modifier 1
-2.2	208546_x_at	D	HIST1H2BH/HIST1H2BO	histone cluster 1, H2bo
-2.2	218328_at		COQ4	coenzyme Q4 homolog (<i>S. cerevisiae</i>)
-2.2	227063_at		C17orf61	chromosome 17 open reading frame 61
-2.2	201570_at	D	SAMM50	sorting and assembly machinery component 50 homolog (<i>S. cerevisiae</i>)
-2.2	228189_at		BAG4	BCL2-associated athanogene 4
-2.2	221599_at		C11orf67	chromosome 11 open reading frame 67
-2.2	206461_x_at		MT1H	metallothionein 1H
-2.2	213854_at		SYNGR1	synaptogyrin 1
-2.2	219541_at		LIME1	Lck interacting transmembrane adaptor 1
-2.2	226710_at		C8orf82	chromosome 8 open reading frame 82
-2.2	213898_at	D	RBFOX2	RNA binding protein, fox-1 homolog (<i>C. elegans</i>) 2
-2.2	1554078_s_at		DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3
-2.2	212737_at	D	GM2A	GM2 ganglioside activator
-2.2	209497_s_at		RBM4B	RNA binding motif protein 4B
-2.2	211298_s_at		ALB	albumin
-2.2	233917_s_at		MOV10	Mov10, Moloney leukemia virus 10, homolog (mouse)
-2.2	201930_at		MCM6	minichromosome maintenance complex component 6
-2.2	204173_at		MYL6B	myosin, light chain 6B, alkali, smooth muscle and non-muscle
-2.2	226246_at	D	KCTD1	potassium channel tetramerisation domain containing 1
-2.2	226938_at		DCAF4	DDB1 and CUL4 associated factor 4
-2.2	226835_s_at	D	ZNF1-AS1	ZNF1 antisense RNA 1 (non-protein coding)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.2	208659_at		CLIC1	chloride intracellular channel 1
-2.2	201136_at		PLP2	proteolipid protein 2 (colonic epithelium-enriched)
-2.2	214426_x_at		CHAF1A	chromatin assembly factor 1, subunit A (p150)
-2.2	218225_at		ECSIT	ECSIT homolog (Drosophila)
-2.2	223050_s_at		FBXW5	F-box and WD repeat domain containing 5
-2.2	232039_at		KIAA1383	KIAA1383
-2.2	224910_at		CARHSP1	calcium regulated heat stable protein 1, 24kDa
-2.2	201871_s_at		UBXN1	UBX domain protein 1
-2.2	33760_at	D	PEX14 (includes EG:40294)	peroxisomal biogenesis factor 14
-2.2	203528_at		SEMA4D	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D
-2.2	201797_s_at		VARS	valyl-tRNA synthetase
-2.2	221495_s_at		TCF25	transcription factor 25 (basic helix-loop-helix)
-2.2	201046_s_at		RAD23A	RAD23 homolog A (<i>S. cerevisiae</i>)
-2.2	201569_s_at	D	SAMM50	sorting and assembly machinery component 50 homolog (<i>S. cerevisiae</i>)
-2.2	243133_at	D	TSC22D1	TSC22 domain family, member 1
-2.2	229591_at		LRP5	low density lipoprotein receptor-related protein 5
-2.2	210879_s_at		RAB11FIP5	RAB11 family interacting protein 5 (class I)
-2.2	212244_at		POLR2M	polymerase (RNA) II (DNA directed) polypeptide M
-2.2	202876_s_at		PBX2	pre-B-cell leukemia homeobox 2
-2.2	203266_s_at		MAP2K4	mitogen-activated protein kinase 4
-2.2	225715_at		RPTOR	regulatory associated protein of MTOR, complex 1
-2.2	204992_s_at		PFN2	profilin 2
-2.2	229807_s_at	D	MAZ	MYC-associated zinc finger protein (purine-binding transcription factor)
-2.2	201892_s_at		IMPDH2	IMP (inosine 5'-monophosphate) dehydrogenase 2
-2.2	238665_at		ZNF865	zinc finger protein 865
-2.2	211433_x_at		FAM214B	family with sequence similarity 214, member B
-2.2	204804_at		TRIM21	tripartite motif containing 21
-2.2	228552_s_at	D	ISYNA1	inositol-3-phosphate synthase 1
-2.3	225948_at		APOPT1	apoptogenic 1
-2.3	228589_at		BASP1	brain abundant, membrane attached signal protein 1
-2.3	213535_s_at		UBE2I	ubiquitin-conjugating enzyme E2I
-2.3	225329_at		FAM195B	family with sequence similarity 195, member B
-2.3	227879_at	D	ALKBH7	alkB, alkylation repair homolog 7 (<i>E. coli</i>)
-2.3	218662_s_at		NCAPG	non-SMC condensin I complex, subunit G
-2.3	226820_at		ZNF362	zinc finger protein 362
-2.3	211716_x_at	D	ARHGDI1A	Rho GDP dissociation inhibitor (GDI) alpha
-2.3	212347_x_at	D	MXD4	MAX dimerization protein 4
-2.3	233734_s_at		OSBPL5	oxysterol binding protein-like 5
-2.3	202553_s_at		SYF2 (includes EG:170933)	SYF2 homolog, RNA splicing factor (<i>S. cerevisiae</i>)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.3	205621_at		ALKBH1	alkB, alkylation repair homolog 1 (E. coli)
-2.3	207105_s_at	D	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (beta)
-2.3	221927_s_at		ABHD11	abhydrolase domain containing 11
-2.3	217716_s_at		SEC61A1	Sec61 alpha 1 subunit (S. cerevisiae)
-2.3	238574_at		MCART1	mitochondrial carrier triple repeat 1
-2.3	221539_at		EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1
-2.3	225890_at		C20orf72	chromosome 20 open reading frame 72
-2.3	227362_at		SLC2A4RG	SLC2A4 regulator
-2.3	220127_s_at		FBXL12	F-box and leucine-rich repeat protein 12
-2.3	234339_s_at		GLTSCR2	glioma tumor suppressor candidate region gene 2
-2.3	1555550_at		ZACN	zinc activated ligand-gated ion channel
-2.3	225470_at		NUP35	nucleoporin 35kDa
-2.3	201560_at		CLIC4	chloride intracellular channel 4
-2.3	208690_s_at		PDLIM1	PDZ and LIM domain 1
-2.3	223425_at		RAVER1	ribonucleoprotein, PTB-binding 1
-2.3	221016_s_at		TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)
-2.3	217462_at	D	C11orf9	chromosome 11 open reading frame 9
-2.3	231538_at	D	C11orf1	chromosome 11 open reading frame 1
-2.3	217751_at		GSTK1	glutathione S-transferase kappa 1
-2.3	49878_at		PEX16	peroxisomal biogenesis factor 16
-2.3	208829_at		TAPBP	TAP binding protein (tapasin)
-2.3	221123_x_at	D	ZNF395	zinc finger protein 395
-2.3	230414_s_at		TMEM170A	transmembrane protein 170A
-2.3	242942_at		SLC38A10	solute carrier family 38, member 10
-2.3	203228_at		PAFAH1B3	platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa)
-2.3	202590_s_at	D	PKD2	pyruvate dehydrogenase kinase, isozyme 2
-2.3	1568613_at		RSPH3	radial spoke 3 homolog (Chlamydomonas)
-2.3	217559_at		RPL10L	ribosomal protein L10-like
-2.3	214635_at		CLDN9	claudin 9
-2.3	203655_at		XRCC1 (includes EG:22594)	X-ray repair complementing defective repair in Chinese hamster cells 1
-2.4	201055_s_at		HNRNPA0	heterogeneous nuclear ribonucleoprotein A0
-2.4	232706_s_at		TRABD	TraB domain containing
-2.4	226227_x_at	D	ZNFX1-AS1	ZNFX1 antisense RNA 1 (non-protein coding)
-2.4	35820_at	D	GM2A	GM2 ganglioside activator
-2.4	215573_at	D	CAT	catalase
-2.4	226538_at		MAN2A1	mannosidase, alpha, class 2A, member 1
-2.4	209124_at		MYD88	myeloid differentiation primary response gene (88)
-2.4	203979_at		CYP27A1	cytochrome P450, family 27, subfamily A, polypeptide 1
-2.4	202231_at		EIF3M	eukaryotic translation initiation factor 3, subunit M
-2.4	205017_s_at		MBNL2	muscleblind-like splicing regulator 2
-2.4	221923_s_at		NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
-2.4	218667_at		PJA1	praja ring finger 1, E3 ubiquitin protein ligase

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.4	212203_x_at		IFITM3	interferon induced transmembrane protein 3
-2.4	226943_at		C12orf73	chromosome 12 open reading frame 73
-2.4	200960_x_at	D	CLTA	clathrin, light chain A
-2.4	201705_at		PSMD7	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7
-2.4	36129_at		SGSM2	small G protein signaling modulator 2
-2.4	208547_at		HIST1H2BB	histone cluster 1, H2bb
-2.4	200922_at	D	KDELR1	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 1
-2.4	35626_at		SGSH	N-sulfoglucosamine sulfohydrolase
-2.4	203996_s_at		C21orf2	chromosome 21 open reading frame 2
-2.4	229405_at		KIF7	kinesin family member 7
-2.4	220134_x_at	D	FAM176B	family with sequence similarity 176, member B
-2.4	218487_at		ALAD	aminolevulinic acid dehydratase
-2.4	228188_at		FOSL2	FOS-like antigen 2
-2.4	1555419_a_at	D	ASAH1	N-acylsphingosine amidohydrolase (acid ceramidase) 1
-2.4	212356_at		KHNYN	KH and NYN domain containing
-2.4	209331_s_at	D	MAX	MYC associated factor X
-2.4	215325_x_at	D	C19orf26	chromosome 19 open reading frame 26
-2.4	224552_s_at		KCNK4	potassium channel, subfamily K, member 4
-2.4	207727_s_at		MUTYH	mutY homolog (E. coli)
-2.4	221488_s_at		CUTA	cutA divalent cation tolerance homolog (E. coli)
-2.4	201272_at		AKR1B1	aldo-keto reductase family 1, member B1 (aldose reductase)
-2.4	219224_x_at		ZNF408	zinc finger protein 408
-2.4	216736_at		TM6SF2	transmembrane 6 superfamily member 2
-2.4	213789_at	D	EBP	emopamil binding protein (sterol isomerase)
-2.4	211714_x_at	D	TUBB	tubulin, beta class I
-2.4	1555811_at		ARHGDI1B	Rho GDP dissociation inhibitor (GDI) beta
-2.4	208583_x_at		HIST1H2AJ	histone cluster 1, H2aj
-2.4	1563821_at		LOC170425	uncharacterized LOC170425
-2.4	217871_s_at		MIF	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
-2.4	214527_s_at	D	PQBP1	polyglutamine binding protein 1
-2.4	217714_x_at		STMN1	stathmin 1
-2.4	244712_at		MEX3D	mex-3 homolog D (C. elegans)
-2.4	1564010_at		CAST	calpastatin
-2.4	208816_x_at		ANXA2P2	annexin A2 pseudogene 2
-2.4	218773_s_at		MSRB2	methionine sulfoxide reductase B2
-2.4	203220_s_at	D	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)
-2.4	217461_x_at	D	BTF3	basic transcription factor 3
-2.4	213902_at	D	ASAH1	N-acylsphingosine amidohydrolase (acid ceramidase) 1
-2.4	205574_x_at	D	BMP1	bone morphogenetic protein 1
-2.4	202452_at		ZER1	zer-1 homolog (C. elegans)
-2.4	218255_s_at		FBR1	fibrosin
-2.4	208403_x_at	D	MAX	MYC associated factor X
-2.4	204106_at		TESK1	testis-specific kinase 1
-2.4	225952_at		FLYWCH1	FLYWCH-type zinc finger 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.4	218694_at		ARMCX1	armadillo repeat containing, X-linked 1
-2.5	223286_at		C17orf81	chromosome 17 open reading frame 81
-2.5	219388_at		GRHL2	grainyhead-like 2 (Drosophila)
-2.5	225162_at		SH3D19	SH3 domain containing 19
-2.5	222175_s_at		MED15	mediator complex subunit 15
-2.5	203175_at		RHOG	ras homolog family member G
-2.5	223022_s_at		VTA1 (includes EG: 292640)	Vps20-associated 1 homolog (S. cerevisiae)
-2.5	55081_at	D	MICALL1	MICAL-like 1
-2.5	213901_x_at	D	RBFOX2	RNA binding protein, fox-1 homolog (C. elegans) 2
-2.5	213088_s_at		DNAJC9	DnaJ (Hsp40) homolog, subfamily C, member 9
-2.5	218958_at		C19orf60	chromosome 19 open reading frame 60
-2.5	203574_at		NFIL3	nuclear factor, interleukin 3 regulated
-2.5	221250_s_at		MXD3	MAX dimerization protein 3
-2.5	218794_s_at		TXNL4B	thioredoxin-like 4B
-2.5	206539_s_at		CYP4F12	cytochrome P450, family 4, subfamily F, polypeptide 12
-2.5	222968_at	D	C6orf48	chromosome 6 open reading frame 48
-2.5	242290_at		TACC1	transforming, acidic coiled-coil containing protein 1
-2.5	201714_at		TUBG1	tubulin, gamma 1
-2.5	203335_at		PHYH	phytanoyl-CoA 2-hydroxylase
-2.5	210125_s_at		BANF1	barrier to autointegration factor 1
-2.5	33132_at	D	CPSF1	cleavage and polyadenylation specific factor 1, 160kDa
-2.5	228215_at		ADD3	adducin 3 (gamma)
-2.5	207154_at		DIO3	deiodinase, iodothyronine, type III
-2.5	203503_s_at	D	PEX14 (includes EG: 40294)	peroxisomal biogenesis factor 14
-2.5	215111_s_at	D	TSC22D1	TSC22 domain family, member 1
-2.5	221947_at	D	IL17RC	interleukin 17 receptor C
-2.5	224710_at	D	RAB34	RAB34, member RAS oncogene family
-2.5	213296_at		RER1	RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae)
-2.5	220503_at		SLC13A1	solute carrier family 13 (sodium/sulfate symporters), member 1
-2.5	226078_at		RPUSD1	RNA pseudouridylate synthase domain containing 1
-2.5	230145_at		DUS3L	dihydrouridine synthase 3-like (S. cerevisiae)
-2.5	206117_at	D	TPM1 (includes EG: 22003)	tropomyosin 1 (alpha)
-2.5	1552689_at		CASKIN1	CASK interacting protein 1
-2.5	205157_s_at	D	KRT17	keratin 17
-2.5	203411_s_at	D	LMNA	lamin A/C
-2.5	224814_at		DPP7	dipeptidyl-peptidase 7
-2.5	224962_at		C9orf69	chromosome 9 open reading frame 69
-2.5	209008_x_at	D	KRT8	keratin 8
-2.5	202737_s_at		LSM4 (includes EG: 25804)	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)
-2.5	203405_at		PSMG1	proteasome (prosome, macropain) assembly chaperone 1
-2.5	201087_at	D	PXN	paxillin

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.5	224473_x_at	D	LZTS2	leucine zipper, putative tumor suppressor 2
-2.5	212151_at	D	PBX1	pre-B-cell leukemia homeobox 1
-2.5	220562_at		CYP2W1	cytochrome P450, family 2, subfamily W, polypeptide 1
-2.5	224915_x_at	D	ZNFX1-AS1	ZNFX1 antisense RNA 1 (non-protein coding)
-2.5	223216_x_at	D	ZNF395	zinc finger protein 395
-2.5	218495_at		UXT	ubiquitously-expressed, prefoldin-like chaperone
-2.5	59999_at		HIF1AN	hypoxia inducible factor 1, alpha subunit inhibitor
-2.5	201596_x_at		KRT18	keratin 18
-2.5	65718_at		GPR124	G protein-coupled receptor 124
-2.5	218847_at		IGF2BP2	insulin-like growth factor 2 mRNA binding protein 2
-2.5	218387_s_at	D	PGLS	6-phosphogluconolactonase
-2.5	223123_s_at		PITHD1	PITH (C-terminal proteasome-interacting domain of thioredoxin-like) domain containing 1
-2.5	216295_s_at	D	CLTA	clathrin, light chain A
-2.5	201897_s_at		CKS1B	CDC28 protein kinase regulatory subunit 1B
-2.5	224066_s_at		HIPK2	homeodomain interacting protein kinase 2
-2.5	230031_at		HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)
-2.6	218037_at		FAM134A	family with sequence similarity 134, member A
-2.6	223432_at		OSBP2	oxysterol binding protein 2
-2.6	214080_x_at		PRKCSH	protein kinase C substrate 80K-H
-2.6	206116_s_at	D	TPM1 (includes EG:22003)	tropomyosin 1 (alpha)
-2.6	219207_at		EDC3 (includes EG:315708)	enhancer of mRNA decapping 3 homolog (S. cerevisiae)
-2.6	213928_s_at	D	AGFG1	ArfGAP with FG repeats 1
-2.6	208423_s_at	D	MSR1 (includes EG:20288)	macrophage scavenger receptor 1
-2.6	205286_at		TFAP2C	transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)
-2.6	211009_s_at		ZNF271	zinc finger protein 271
-2.6	1555751_a_at	D	GEMIN7	gem (nuclear organelle) associated protein 7
-2.6	225136_at	D	PLEKHA2	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 2
-2.6	215972_at		PART1	prostate androgen-regulated transcript 1 (non-protein coding)
-2.6	211509_s_at	D	RTN4 (includes EG:57142)	reticulon 4
-2.6	223368_s_at		METTL11A	methyltransferase like 11A
-2.6	220587_s_at		MLST8	MTOR associated protein, LST8 homolog (S. cerevisiae)
-2.6	202382_s_at		GNPDA1	glucosamine-6-phosphate deaminase 1
-2.6	219948_x_at		UGT2A3	UDP glucuronosyltransferase 2 family, polypeptide A3
-2.6	216442_x_at	D	FN1	fibronectin 1
-2.6	219798_s_at		MEPCE	methylphosphate capping enzyme

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.6	220831_at		GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2
-2.6	203467_at		PMM1	phosphomannomutase 1
-2.6	201465_s_at	D	JUN	jun proto-oncogene
-2.6	210106_at		RDH5	retinol dehydrogenase 5 (11-cis/9-cis)
-2.6	223153_x_at		TMUB1	transmembrane and ubiquitin-like domain containing 1
-2.6	202292_x_at	D	LYPLA2	lysophospholipase II
-2.6	228874_at		PHLDB3	pleckstrin homology-like domain, family B, member 3
-2.6	204795_at		PRR3	proline rich 3
-2.6	52005_at		WIZ	widely interspaced zinc finger motifs family with sequence similarity 189, member B
-2.6	203550_s_at		FAM189B	
-2.6	218443_s_at		DAZAP1	DAZ associated protein 1
-2.6	219708_at		NT5M	5',3'-nucleotidase, mitochondrial
-2.6	1558211_s_at	D	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
-2.6	229592_at		LOC100507501	uncharacterized LOC100507501
-2.6	222847_s_at		EGLN3	egl nine homolog 3 (C. elegans)
-2.6	225408_at		MBP	myelin basic protein
-2.6	214246_x_at	D	MINK1	misshapen-like kinase 1
-2.6	1555630_a_at	D	RAB34	RAB34, member RAS oncogene family
-2.6	222475_at		SAP30BP	SAP30 binding protein
-2.6	223332_x_at		RNF126	ring finger protein 126
-2.6	231553_s_at		MICAL3	microtubule associated monooxygenase, calponin and LIM domain containing 3
-2.6	209026_x_at	D	TUBB	tubulin, beta class I
-2.6	1560698_a_at		LOC283392	uncharacterized LOC283392
-2.6	1569146_s_at		SOGA3	SOGA family member 3
-2.6	203538_at		CAMLG	calcium modulating ligand
-2.6	234344_at		LOC100288675	uncharacterized LOC100288675
-2.6	208258_s_at		GAS2L1	growth arrest-specific 2 like 1
-2.6	210495_x_at	D	FN1	fibronectin 1
-2.7	202122_s_at		PLIN3	perilipin 3
-2.7	222862_s_at		AK5	adenylate kinase 5
-2.7	206020_at	D	SOCS6	suppressor of cytokine signaling 6
-2.7	202424_at		MAP2K2	mitogen-activated protein kinase kinase 2
-2.7	211719_x_at	D	FN1	fibronectin 1
-2.7	232190_x_at		LOC100133445	uncharacterized LOC100133445
-2.7	226005_at		UBE2G1	ubiquitin-conjugating enzyme E2G 1
-2.7	214105_at		SOCS3	suppressor of cytokine signaling 3
-2.7	202356_s_at	D	GTF2F1	general transcription factor IIF, polypeptide 1, 74kDa
-2.7	212876_at		B4GALT4	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 4
-2.7	202371_at		TCEAL4	transcription elongation factor A (SII)-like 4
-2.7	202701_at	D	BMP1	bone morphogenetic protein 1
-2.7	212086_x_at	D	LMNA	lamin A/C
-2.7	201751_at		JOSD1	Josephin domain containing 1
-2.7	225398_at		RPUSD4	RNA pseudouridylate synthase domain containing 4
-2.7	224790_at	D	ASAP1	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.7	200623_s_at	D	CALM1 (includes others)	calmodulin 1 (phosphorylase kinase, delta)
-2.7	223042_s_at		FUNDC2	FUN14 domain containing 2
-2.7	35617_at		MAPK7	mitogen-activated protein kinase 7
-2.7	205424_at		TBKBP1	TBK1 binding protein 1
-2.7	216911_s_at	D	HIC2	hypermethylated in cancer 2
-2.7	230938_x_at	D	ATF5	activating transcription factor 5
-2.7	221779_at	D	MICALL1	MICAL-like 1
-2.7	213143_at		C2orf72	chromosome 2 open reading frame 72
-2.7	1552546_a_at		LETM2	leucine zipper-EF-hand containing transmembrane protein 2
-2.7	239837_at	D	ADAM11	ADAM metallopeptidase domain 11
-2.7	212965_at	D	HIC2	hypermethylated in cancer 2
-2.7	227025_at		PPHLN1	periphilin 1
-2.7	209637_s_at		RGS12	regulator of G-protein signaling 12
-2.7	218679_s_at		VPS28 (includes EG:300052)	vacuolar protein sorting 28 homolog (S. cerevisiae)
-2.7	221325_at		KCNK13	potassium channel, subfamily K, member 13
-2.7	221261_x_at		MAGED4/MAGED4B	melanoma antigen family D, 4B
-2.7	201470_at	D	GSTO1	glutathione S-transferase omega 1
-2.7	216338_s_at		YIPF3	Yip1 domain family, member 3
-2.7	235037_at		TMEM41A	transmembrane protein 41A
-2.7	212320_at	D	TUBB	tubulin, beta class I
-2.7	222216_s_at		MRPL17 (includes EG:171061)	mitochondrial ribosomal protein L17
-2.7	219899_x_at		NDOR1	NADPH dependent diflavin oxidoreductase 1
-2.7	242282_at		ZFPM1	zinc finger protein, multitype 1
-2.7	202534_x_at		DHFR	dihydrofolate reductase
-2.8	218586_at		C20orf20	chromosome 20 open reading frame 20
-2.8	217931_at		CNPY3	canopy 3 homolog (zebrafish)
-2.8	211529_x_at		HLA-G	major histocompatibility complex, class I, G
-2.8	219165_at		PDLIM2	PDZ and LIM domain 2 (mystique)
-2.8	217892_s_at		LIMA1	LIM domain and actin binding 1
-2.8	231017_at		STK11	serine/threonine kinase 11
-2.8	203575_at		CSNK2A2	casein kinase 2, alpha prime polypeptide
-2.8	224708_at	D	KIAA2013	KIAA2013
-2.8	225755_at		KLHDC8B	kelch domain containing 8B
-2.8	1565737_at		SCTR	secretin receptor
-2.8	200885_at		RHOC	ras homolog family member C
-2.8	219379_x_at	D	ZNF358	zinc finger protein 358
-2.8	209219_at		RDBP	RD RNA binding protein
-2.8	219402_s_at		DERL1	Der1-like domain family, member 1
-2.8	203246_s_at		NPRL2	nitrogen permease regulator-like 2 (S. cerevisiae)
-2.8	209454_s_at		TEAD3	TEA domain family member 3
-2.8	219973_at		ARSJ	arylsulfatase family, member J
-2.8	227240_at	D	NGEF	neuronal guanine nucleotide exchange factor
-2.8	220555_s_at		PDZD7	PDZ domain containing 7
-2.8	201264_at		COPE	coatamer protein complex, subunit epsilon

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.8	210010_s_at		SLC25A1	solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1
-2.8	212346_s_at	D	MXD4	MAX dimerization protein 4
-2.8	205516_x_at		CIZ1	CDKN1A interacting zinc finger protein 1
-2.8	205505_at		GCNT1	glucosaminyl (N-acetyl) transferase 1, core 2
-2.8	209241_x_at	D	MINK1	misshapen-like kinase 1
-2.8	225743_at		RPUSD3	RNA pseudouridylate synthase domain containing 3
-2.8	209645_s_at		ALDH1B1	aldehyde dehydrogenase 1 family, member B1
-2.8	209227_at		TUSC3	tumor suppressor candidate 3
-2.8	218684_at		LRRC8D	leucine rich repeat containing 8 family, member D
-2.8	221281_at	D	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
-2.8	234068_s_at		AP2A1	adaptor-related protein complex 2, alpha 1 subunit
-2.8	208818_s_at	D	COMT	catechol-O-methyltransferase
-2.8	226638_at		ARHGAP23	Rho GTPase activating protein 23
-2.8	202116_at		DPF2	D4, zinc and double PHD fingers family 2
-2.8	235252_at	D	KSR1	kinase suppressor of ras 1
-2.8	207722_s_at		BTBD2	BTB (POZ) domain containing 2
-2.8	217948_at		FAM127B	family with sequence similarity 127, member B
-2.8	222029_x_at	D	PFDN6	prefoldin subunit 6
-2.8	224310_s_at		BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)
-2.8	223294_at		CXorf26	chromosome X open reading frame 26
-2.8	206593_s_at		MED22 (includes EG:20933)	mediator complex subunit 22
-2.8	217389_s_at	D	ATF5	activating transcription factor 5
-2.8	221954_at		C20orf111	chromosome 20 open reading frame 111
-2.8	202735_at	D	EBP	emopamil binding protein (sterol isomerase)
-2.8	206123_at		LLGL1	lethal giant larvae homolog 1 (Drosophila)
-2.8	201599_at		OAT	ornithine aminotransferase
-2.8	204203_at		CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma
-2.9	213944_x_at	D	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
-2.9	226536_at		NSMCE2	non-SMC element 2, MMS21 homolog (S. cerevisiae)
-2.9	201566_x_at	D	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
-2.9	224981_at		TMEM219	transmembrane protein 219
-2.9	65086_at	D	YIPF2	Yip1 domain family, member 2
-2.9	205327_s_at		ACVR2A	activin A receptor, type IIA
-2.9	212680_x_at	D	PPP1R14B	protein phosphatase 1, regulatory (inhibitor) subunit 14B
-2.9	219677_at		SPSB1	splA/ryanodine receptor domain and SOCS box containing 1
-2.9	208031_s_at		RFX2	regulatory factor X, 2 (influences HLA class II expression)
-2.9	212464_s_at	D	FN1	fibronectin 1
-2.9	207619_at		HCRTR1	hypocretin (orexin) receptor 1
-2.9	222821_s_at	D	GEMIN7	gem (nuclear organelle) associated protein 7

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-2.9	212889_x_at	D	GADD45GIP1	growth arrest and DNA-damage-inducible, gamma interacting protein 1
-2.9	1569938_at		SIRT5	sirtuin 5
-2.9	207735_at		RNF125	ring finger protein 125, E3 ubiquitin protein ligase
-2.9	218291_at		LAMTOR2	late endosomal/lysosomal adaptor, MAPK and MTOR activator 2
-2.9	234729_at		PHKG1	phosphorylase kinase, gamma 1 (muscle)
-2.9	204691_x_at		PLA2G6	phospholipase A2, group VI (cytosolic, calcium-independent)
-2.9	217932_at		MRPS7	mitochondrial ribosomal protein S7
-2.9	201494_at		PRCP	prolylcarboxypeptidase (angiotensinase C)
-2.9	227590_at		C22orf40	chromosome 22 open reading frame 40
-2.9	203063_at	D	PPM1F	protein phosphatase, Mg2+/Mn2+ dependent, 1F
-2.9	1557915_s_at	D	GSTO1	glutathione S-transferase omega 1
-2.9	243000_at	D	CDK6	cyclin-dependent kinase 6
-2.9	202426_s_at		RXRA	retinoid X receptor, alpha
-2.9	216894_x_at	D	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
-2.9	204418_x_at		GSTM2	glutathione S-transferase mu 2 (muscle)
-2.9	211737_x_at	D	PTN	pleiotrophin
-2.9	204985_s_at		TRAPPC6A	trafficking protein particle complex 6A
-2.9	218161_s_at		CLN6	ceroid-lipofuscinosis, neuronal 6, late infantile, variant
-2.9	201349_at		SLC9A3R1	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 1
-2.9	227421_at		YBEY	ybeY metallopeptidase (putative)
-2.9	230480_at		PIWIL4	piwi-like 4 (Drosophila)
-2.9	213344_s_at	D	H2AFX	H2A histone family, member X
-2.9	204306_s_at		CD151	CD151 molecule (Raph blood group)
-2.9	205981_s_at		ING2	inhibitor of growth family, member 2
-2.9	224670_at		SYS1 (includes EG:336339)	SYS1 Golgi-localized integral membrane protein homolog (<i>S. cerevisiae</i>)
-2.9	212512_s_at		CARM1	coactivator-associated arginine methyltransferase 1
-2.9	226816_s_at		KIAA1143	KIAA1143
-2.9	232380_at		FGGY	FGGY carbohydrate kinase domain containing
-2.9	225655_at		UHRF1	ubiquitin-like with PHD and ring finger domains 1
-2.9	225688_s_at		PHLDB2	pleckstrin homology-like domain, family B, member 2
-2.9	218335_x_at	D	TNIP2	TNFAIP3 interacting protein 2
-3.0	231501_at		LOC100507162	uncharacterized LOC100507162
-3.0	210445_at		FABP6	fatty acid binding protein 6, ileal
-3.0	217226_s_at	D	SFXN3	sideroflexin 3
-3.0	1558186_s_at		CLLU1	chronic lymphocytic leukemia up-regulated 1
-3.0	206480_at		LTC4S	leukotriene C4 synthase
-3.0	206760_s_at		FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)
-3.0	215333_x_at	D	GSTM1	glutathione S-transferase mu 1
-3.0	221799_at		CHPF2	chondroitin polymerizing factor 2
-3.0	217270_s_at		DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.0	224991_at		CMIP	c-Maf inducing protein
-3.0	214174_s_at	D	PDLIM4	PDZ and LIM domain 4
-3.0	205449_at		SAC3D1	SAC3 domain containing 1
-3.0	224879_at		C9orf123	chromosome 9 open reading frame 123
-3.0	214160_at	D	CDK6	cyclin-dependent kinase 6
-3.0	204550_x_at	D	GSTM1	glutathione S-transferase mu 1
-3.0	224706_at	D	KIAA2013	KIAA2013
-3.0	211752_s_at		NDUFS7	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)
-3.0	202669_s_at	D	EFNB2	ephrin-B2
-3.0	49327_at		SIRT3	sirtuin 3
-3.0	230335_at		C9orf50	chromosome 9 open reading frame 50
-3.0	225033_at		ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1
-3.0	217891_at		C16orf58	chromosome 16 open reading frame 58
-3.0	226507_at	D	PAK1	p21 protein (Cdc42/Rac)-activated kinase 1
-3.0	210567_s_at	D	SKP2 (includes EG:27401)	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
-3.0	212089_at	D	LMNA	lamin A/C
-3.0	220973_s_at		SHARPIN	SHANK-associated RH domain interactor
-3.0	227263_at		C8orf58	chromosome 8 open reading frame 58
-3.0	1554475_a_at		C19orf47	chromosome 19 open reading frame 47
-3.0	203221_at	D	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)
-3.0	202279_at		C14orf2	chromosome 14 open reading frame 2
-3.0	219547_at		COX15	COX15 homolog, cytochrome c oxidase assembly protein (yeast)
-3.0	208101_s_at		URM1 (includes EG:2768949)	ubiquitin related modifier 1
-3.0	213182_x_at	D	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
-3.0	219534_x_at	D	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
-3.1	209358_at		TAF11 (includes EG:309638)	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa
-3.1	202329_at		CSK	c-src tyrosine kinase
-3.1	213590_at	D	SLC16A5	solute carrier family 16, member 5 (monocarboxylic acid transporter 6)
-3.1	209531_at		GSTZ1	glutathione transferase zeta 1
-3.1	238911_at		STARD10	StAR-related lipid transfer (START) domain containing 10
-3.1	213926_s_at	D	AGFG1	ArfGAP with FG repeats 1
-3.1	220320_at		DOK3	docking protein 3
-3.1	203454_s_at		ATOX1	ATX1 antioxidant protein 1 homolog (yeast)
-3.1	231981_at	D	PRLR	prolactin receptor
-3.1	238090_at		HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase
-3.1	222986_s_at		SHISA5	shisa homolog 5 (Xenopus laevis)
-3.1	214462_at	D	SOCS6	suppressor of cytokine signaling 6
-3.1	212981_s_at		FAM115A	family with sequence similarity 115, member A
-3.1	1553512_at		HOXC12	homeobox C12
-3.1	204693_at		CDC42EP1	CDC42 effector protein (Rho GTPase binding) 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.1	225002_s_at		SUMF2	sulfatase modifying factor 2
-3.1	218796_at	D	FERMT1	fermitin family member 1
-3.1	211651_s_at	D	LAMB1	laminin, beta 1
-3.1	201709_s_at		NIPSNAP1	nipsnap homolog 1 (<i>C. elegans</i>)
-3.1	1554572_a_at		SUV39H2	suppressor of variegation 3-9 homolog 2 (<i>Drosophila</i>)
-3.1	204436_at		PLEKHO2	pleckstrin homology domain containing, family O member 2
-3.1	224514_x_at	D	IL17RC	interleukin 17 receptor C
-3.1	1558631_at		PPARA	peroxisome proliferator-activated receptor alpha
-3.1	214259_s_at		AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)
-3.1	222993_at		MRPL37 (includes EG:51253)	mitochondrial ribosomal protein L37
-3.1	236533_at	D	ASAP1	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1
-3.1	224920_x_at	D	MYADM	myeloid-associated differentiation marker family with sequence similarity 109, member B
-3.1	226504_at		FAM109B	MPN domain containing
-3.1	233651_s_at		MPND	MPN domain containing
-3.1	229469_at		XAGE2/XAGE2B	X antigen family, member 2
-3.1	222670_s_at		MAFB	v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)
-3.1	207212_at		SLC9A3 (includes EG:105243)	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3
-3.1	230855_at	D	GATA4	GATA binding protein 4
-3.1	1553403_at		RLN3	relaxin 3
-3.1	203179_at		GALT	galactose-1-phosphate uridylyltransferase
-3.1	212064_x_at	D	MAZ	MYC-associated zinc finger protein (purine-binding transcription factor)
-3.1	229862_x_at		ZBTB45	zinc finger and BTB domain containing 45
-3.1	204104_at		SNAPC2	small nuclear RNA activating complex, polypeptide 2, 45kDa
-3.1	201613_s_at		AP1G2	adaptor-related protein complex 1, gamma 2 subunit
-3.1	224727_at		C19orf63	chromosome 19 open reading frame 63
-3.1	219110_at		GAR1	GAR1 ribonucleoprotein homolog (yeast)
-3.1	234978_at		SLC36A4	solute carrier family 36 (proton/amino acid symporter), member 4
-3.2	221710_x_at	D	FAM176B	family with sequence similarity 176, member B
-3.2	209361_s_at		PCBP4	poly(rC) binding protein 4
-3.2	206027_at		S100A3	S100 calcium binding protein A3
-3.2	210740_s_at		ITPK1	inositol-tetrakisphosphate 1-kinase
-3.2	207388_s_at	D	PTGES	prostaglandin E synthase
-3.2	223647_x_at		HSCB	HscB iron-sulfur cluster co-chaperone homolog (<i>E. coli</i>)
-3.2	228954_at		LYSMD4	LysM, putative peptidoglycan-binding, domain containing 4
-3.2	235703_at		PLB1 (includes EG:151056)	phospholipase B1
-3.2	201639_s_at	D	CPSF1	cleavage and polyadenylation specific factor 1, 160kDa

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.2	211047_x_at	D	AP2S1	adaptor-related protein complex 2, sigma 1 subunit
-3.2	204767_s_at		FEN1	flap structure-specific endonuclease 1
-3.2	211804_s_at		CDK2	cyclin-dependent kinase 2
-3.2	228252_at		PIF1	PIF1 5'-to-3' DNA helicase homolog (S. cerevisiae)
-3.2	221841_s_at	D	KLF4	Kruppel-like factor 4 (gut)
-3.2	214721_x_at	D	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4
-3.2	226636_at	D	PLD1	phospholipase D1, phosphatidylcholine-specific
-3.2	218252_at		CKAP2	cytoskeleton associated protein 2
-3.2	234721_s_at		CYP26B1	cytochrome P450, family 26, subfamily B, polypeptide 1
-3.2	225968_at		PRICKLE2	prickle homolog 2 (Drosophila)
-3.2	213183_s_at	D	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
-3.2	227668_at		C17orf56	chromosome 17 open reading frame 56
-3.2	207592_s_at		HCN2	hyperpolarization activated cyclic nucleotide-gated potassium channel 2
-3.2	233588_x_at	D	PFDN6	prefoldin subunit 6
-3.2	207023_x_at	D	KRT10	keratin 10
-3.2	201368_at	D	ZFP36L2	zinc finger protein 36, C3H type-like 2
-3.2	207824_s_at	D	MAZ	MYC-associated zinc finger protein (purine-binding transcription factor)
-3.2	203147_s_at	D	TRIM14	tripartite motif containing 14
-3.2	243943_x_at	D	C6orf52	chromosome 6 open reading frame 52
-3.2	228642_at	D	HOXA2	homeobox A2
-3.3	212047_s_at		RNF167	ring finger protein 167
-3.3	241550_at		DPPA5	developmental pluripotency associated 5
-3.3	207006_s_at		CCDC106	coiled-coil domain containing 106
-3.3	209635_at		AP1S1	adaptor-related protein complex 1, sigma 1 subunit
-3.3	206949_s_at		RUSC1	RUN and SH3 domain containing 1
-3.3	220558_x_at	D	TSPAN32	tetraspanin 32
-3.3	229610_at		CKAP2L	cytoskeleton associated protein 2-like
-3.3	213724_s_at	D	PDK2	pyruvate dehydrogenase kinase, isozyme 2
-3.3	218062_x_at	D	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4
-3.3	225342_at		AK4	adenylate kinase 4
-3.3	238518_x_at		GLYCK	glycerate kinase
-3.3	208788_at		ELOVL5	ELOVL fatty acid elongase 5
-3.3	228798_x_at	D	MAZ	MYC-associated zinc finger protein (purine-binding transcription factor)
-3.3	202990_at		PYGL	phosphorylase, glycogen, liver
-3.3	233467_s_at	D	TSPAN32	tetraspanin 32
-3.3	203587_at		ARL4D	ADP-ribosylation factor-like 4D
-3.3	207788_s_at	D	SORBS3	sorbin and SH3 domain containing 3
-3.3	229736_at		TMEM86B	transmembrane protein 86B
-3.3	218688_at		DAK	dihydroxyacetone kinase 2 homolog (S. cerevisiae)
-3.3	215535_s_at		AGPAT1	1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha)
-3.3	233325_at	D	SLC35D2	solute carrier family 35, member D2
-3.3	215909_x_at	D	MINK1	misshapen-like kinase 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.3	225505_s_at		FAM113A	family with sequence similarity 113, member A
-3.3	225220_at		SNHG8	small nucleolar RNA host gene 8 (non-protein coding)
-3.3	213779_at		EMID1	EMI domain containing 1
-3.3	230709_x_at	D	ZBTB7A	zinc finger and BTB domain containing 7A
-3.3	62212_at		C1orf50	chromosome 1 open reading frame 50
-3.3	223842_s_at	D	SCARA3	scavenger receptor class A, member 3
-3.3	203626_s_at	D	SKP2 (includes EG:27401)	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
-3.3	214769_at		CLCN4	chloride channel, voltage-sensitive 4
-3.3	230244_at		C2orf82	chromosome 2 open reading frame 82
-3.3	223349_s_at		BOK	BCL2-related ovarian killer
-3.3	223431_at		CNO	cappuccino homolog (mouse)
-3.3	1568597_at		LOC646762	uncharacterized LOC646762
-3.3	228976_at		ICOSLG	inducible T-cell co-stimulator ligand
-3.3	226723_at		CCDC23	coiled-coil domain containing 23
-3.3	221587_s_at		C19orf24	chromosome 19 open reading frame 24
-3.4	220266_s_at	D	KLF4	Kruppel-like factor 4 (gut)
-3.4	231019_x_at	D	C19orf26	chromosome 19 open reading frame 26
-3.4	202108_at		PEPD	peptidase D
-3.4	201464_x_at	D	JUN	jun proto-oncogene
-3.4	203625_x_at	D	SKP2 (includes EG:27401)	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
-3.4	221897_at		TRIM52	tripartite motif containing 52
-3.4	226138_s_at	D	PPP1R14B	protein phosphatase 1, regulatory (inhibitor) subunit 14B
-3.4	212121_at	D	TCTN3	tectonic family member 3
-3.4	217677_at	D	PLEKHA2	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 2
-3.4	1554600_s_at	D	LMNA	lamin A/C
-3.4	215942_s_at	D	GTSE1	G-2 and S-phase expressed 1
-3.4	213766_x_at	D	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
-3.4	65585_at	D	FAM86B1 (includes others)	family with sequence similarity 86, member B1
-3.4	214625_s_at	D	MINK1	misshapen-like kinase 1
-3.4	225844_at		POLE4	polymerase (DNA-directed), epsilon 4 (p12 subunit)
-3.4	207480_s_at		MEIS2	Meis homeobox 2
-3.4	218599_at		REC8 (includes EG:290227)	REC8 homolog (yeast)
-3.4	220974_x_at	D	SFXN3	sideroflexin 3
-3.4	205795_at	D	NRXN3	neurexin 3
-3.4	219265_at		MOB3B	MOB kinase activator 3B
-3.4	220217_x_at		SPANXA2 (includes others)	SPANX family, member A2
-3.4	223389_s_at		ZNF581	zinc finger protein 581
-3.4	40640_at		NCAPH2	non-SMC condensin II complex, subunit H2
-3.4	207044_at	D	THRB	thyroid hormone receptor, beta
-3.4	228193_s_at	D	RGCC	regulator of cell cycle
-3.4	231814_at	D	MUC12	mucin 12, cell surface associated

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.4	236057_at	D	KCTD1	potassium channel tetramerisation domain containing 1
-3.4	45714_at	D	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)
-3.5	205184_at	D	GNG4	guanine nucleotide binding protein (G protein), gamma 4
-3.5	215706_x_at	D	ZYX	zyxin
-3.5	205253_at	D	PBX1	pre-B-cell leukemia homeobox 1
-3.5	208636_at	D	ACTN1	actinin, alpha 1
-3.5	201750_s_at		ECE1	endothelin converting enzyme 1
-3.5	206266_at		GPLD1	glycosylphosphatidylinositol specific phospholipase D1
-3.5	218644_at		PLEK2	pleckstrin 2
-3.5	91617_at		DGCR8	DiGeorge syndrome critical region gene 8
-3.5	224002_s_at		FKBP7	FK506 binding protein 7
-3.5	202639_s_at		RANBP3	RAN binding protein 3
-3.5	224796_at	D	ASAP1	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1
-3.5	210223_s_at		MR1	major histocompatibility complex, class I-related
-3.5	225707_at		ARL6IP6	ADP-ribosylation-like factor 6 interacting protein 6
-3.5	205965_at		BATF	basic leucine zipper transcription factor, ATF-like
-3.5	40562_at	D	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
-3.5	202651_at	D	LPGAT1	lysophosphatidylglycerol acyltransferase 1
-3.5	210580_x_at		SULT1A3/SULT1A4	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3
-3.5	218668_s_at		RAP2C	RAP2C, member of RAS oncogene family
-3.5	205145_s_at		MYL5	myosin, light chain 5, regulatory
-3.5	221284_s_at	D	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
-3.6	205129_at		NPM3	nucleophosmin/nucleoplasmin 3
-3.6	221939_at	D	YIPF2	Yip1 domain family, member 2
-3.6	1569469_a_at		LHX8	LIM homeobox 8
-3.6	213082_s_at	D	SLC35D2	solute carrier family 35, member D2
-3.6	209404_s_at		TMED7	transmembrane emp24 protein transport domain containing 7
-3.6	212925_at		C19orf21	chromosome 19 open reading frame 21
-3.6	228151_at		ARL15	ADP-ribosylation factor-like 15
-3.6	226849_at		DENND1A	DENN/MADD domain containing 1A
-3.6	1553105_s_at		DSG2	desmoglein 2
-3.6	1554429_a_at		DMWD	dystrophia myotonica, WD repeat containing
-3.6	205760_s_at	D	OGG1	8-oxoguanine DNA glycosylase
-3.6	229545_at	D	FERMT1	fermitin family member 1
-3.6	210846_x_at	D	TRIM14	tripartite motif containing 14
-3.6	205024_s_at		RAD51	RAD51 homolog (S. cerevisiae)
-3.6	205331_s_at		REEP2	receptor accessory protein 2
-3.6	224639_at		SPPL3	signal peptide peptidase like 3
-3.6	223234_at		MAD2L2	MAD2 mitotic arrest deficient-like 2 (yeast)
-3.6	225258_at	D	FBLIM1	filamin binding LIM protein 1
-3.6	90265_at		ADAP1	ArfGAP with dual PH domains 1
-3.6	205375_at		MDFI	MyoD family inhibitor

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.6	65472_at		C2orf68	chromosome 2 open reading frame 68
-3.6	203835_at		LRRC32	leucine rich repeat containing 32
-3.6	226559_at		IER5L	immediate early response 5-like
-3.6	1557049_at		BTBD19	BTB (POZ) domain containing 19
-3.6	74694_s_at		RABEP2	rabaptin, RAB GTPase binding effector protein 2
-3.6	218995_s_at	D	EDN1	endothelin 1
-3.6	201692_at		SIGMAR1	sigma non-opioid intracellular receptor 1
-3.6	227850_x_at		CDC42EP5	CDC42 effector protein (Rho GTPase binding) 5
-3.6	232160_s_at	D	TNIP2	TNFAIP3 interacting protein 2
-3.7	212135_s_at		ATP2B4	ATPase, Ca++ transporting, plasma membrane 4
-3.7	210821_x_at		CENPA	centromere protein A
-3.7	214470_at		KLRB1	killer cell lectin-like receptor subfamily B, member 1
-3.7	203074_at		ANXA8L2	annexin A8-like 2
-3.7	202718_at		IGFBP2	insulin-like growth factor binding protein 2, 36kDa
-3.7	226462_at	D	STXBP6	syntaxin binding protein 6 (amisyn)
-3.7	215243_s_at	D	GJB3	gap junction protein, beta 3, 31kDa
-3.7	208515_at		HIST1H2BM	histone cluster 1, H2bm
-3.7	212732_at	D	MEG3	maternally expressed 3 (non-protein coding)
-3.7	239417_x_at	D	C6orf52	chromosome 6 open reading frame 52
-3.7	209166_s_at		MAN2B1	mannosidase, alpha, class 2B, member 1
-3.7	229262_at	D	PPP1R37	protein phosphatase 1, regulatory subunit 37
-3.7	208677_s_at		BSG (includes EG:12215)	basigin (Ok blood group)
-3.7	1560974_s_at		NOS1	nitric oxide synthase 1 (neuronal)
-3.7	233634_at		MARVELD3	MARVEL domain containing 3
-3.7	203819_s_at	D	IGF2BP3	insulin-like growth factor 2 mRNA binding protein 3
-3.7	235085_at		SGK223	homolog of rat pragma of Rnd2
-3.7	226826_at		LSM11	LSM11, U7 small nuclear RNA associated
-3.7	201032_at		BLCAP	bladder cancer associated protein
-3.7	226004_at		CABLES2	Cdk5 and Abl enzyme substrate 2
-3.7	230436_s_at		CENPV	centromere protein V
-3.7	239316_at		METTL12	methyltransferase like 12
-3.7	228280_at	D	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like
-3.7	216662_at	D	MYO7B	myosin VIIb
-3.7	226793_at		LINC00294	long intergenic non-protein coding RNA 294
-3.7	229265_at	D	SKI	v-ski sarcoma viral oncogene homolog (avian)
-3.7	225717_at		KIAA1715	KIAA1715
-3.7	205865_at		ARID3A	AT rich interactive domain 3A (BRIGHT-like)
-3.8	242288_s_at	D	EMILIN2	elastin microfibril interfacier 2
-3.8	212013_at	D	PXDN	peroxidasin homolog (Drosophila)
-3.8	1553990_at		C16orf79	chromosome 16 open reading frame 79
-3.8	205011_at		VWA5A	von Willebrand factor A domain containing 5A
-3.8	230440_at		ZNF469	zinc finger protein 469
-3.8	204916_at		RAMP1	receptor (G protein-coupled) activity modifying protein 1
-3.8	1553088_a_at		BCL2L11	BCL2-like 11 (apoptosis facilitator)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.8	212148_at	D	PBX1	pre-B-cell leukemia homeobox 1
-3.8	203701_s_at		TRMT1	TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae)
-3.8	211823_s_at	D	PXN	paxillin
-3.8	227128_s_at		TACSTD2	tumor-associated calcium signal transducer 2
-3.8	223104_at		JAGN1	jagunal homolog 1 (Drosophila)
-3.8	202120_x_at	D	AP2S1	adaptor-related protein complex 2, sigma 1 subunit
-3.8	213348_at	D	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
-3.8	215218_s_at		WDR62	WD repeat domain 62
-3.8	225592_at		NRM	nurim (nuclear envelope membrane protein)
-3.8	37384_at	D	PPM1F	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1F
-3.8	210987_x_at	D	TPM1 (includes EG:22003)	tropomyosin 1 (alpha)
-3.8	204750_s_at	D	DSC2	desmocollin 2
-3.8	210768_x_at	D	TMCO1	transmembrane and coiled-coil domains 1
-3.8	231669_at	D	SEPP1	selenoprotein P, plasma, 1
-3.8	209253_at	D	SORBS3	sorbin and SH3 domain containing 3
-3.8	204934_s_at		HPN	hepsin
-3.8	226944_at	D	HTRA3	HtrA serine peptidase 3
-3.9	224851_at	D	CDK6	cyclin-dependent kinase 6
-3.9	225272_at		SAT2	spermidine/spermine N1-acetyltransferase family member 2
-3.9	229690_at		FAM109A	family with sequence similarity 109, member A
-3.9	202248_at	D	E2F4	E2F transcription factor 4, p107/p130-binding
-3.9	211160_x_at	D	ACTN1	actinin, alpha 1
-3.9	228922_at		SHF	Src homology 2 domain containing F
-3.9	209727_at	D	GM2A	GM2 ganglioside activator
-3.9	202870_s_at		CDC20 (includes EG:107995)	cell division cycle 20 homolog (S. cerevisiae)
-3.9	226328_at		KLF16	Kruppel-like factor 16
-3.9	212662_at		PVR	poliovirus receptor
-3.9	241986_at		BMPER	BMP binding endothelial regulator
-3.9	231392_at		GLB1L2	galactosidase, beta 1-like 2
-3.9	201937_s_at	D	DNPEP	aspartyl aminopeptidase
-3.9	219215_s_at		SLC39A4	solute carrier family 39 (zinc transporter), member 4
-3.9	228587_at		FAM83G	family with sequence similarity 83, member G
-3.9	236141_at		NBLA00301	Nbla00301
-3.9	208637_x_at	D	ACTN1	actinin, alpha 1
-3.9	1553045_at		WNT9A	wingless-type MMTV integration site family, member 9A
-3.9	225150_s_at	D	RTKN	rhotekin
-3.9	200808_s_at	D	ZYX	zyxin
-3.9	203729_at		EMP3	epithelial membrane protein 3
-3.9	214701_s_at	D	FN1	fibronectin 1
-3.9	211098_x_at	D	TMCO1	transmembrane and coiled-coil domains 1
-3.9	203846_at		TRIM32	tripartite motif containing 32
-3.9	213451_x_at	D	TNXB	tenascin XB

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-3.9	210363_s_at		SCN2B	sodium channel, voltage-gated, type II, beta subunit
-3.9	207576_x_at		OXT	oxytocin, prepropeptide
-3.9	218182_s_at		CLDN1	claudin 1
-3.9	202027_at		TMEM184B	transmembrane protein 184B
-4.0	204928_s_at		SLC10A3	solute carrier family 10 (sodium/bile acid cotransporter family), member 3
-4.0	219336_s_at		ASCC1	activating signal cointegrator 1 complex subunit 1
-4.0	213787_s_at	D	EBP	emopamil binding protein (sterol isomerase)
-4.0	231675_s_at		ADH4 (includes EG:127)	alcohol dehydrogenase 4 (class II), pi polypeptide
-4.0	230620_at		USP27X	ubiquitin specific peptidase 27, X-linked
-4.0	206093_x_at	D	TNXB	tenascin XB
-4.0	220868_s_at		SLC7A10	solute carrier family 7 (neutral amino acid transporter light chain, asc system), member 10
-4.0	203954_x_at		CLDN3	claudin 3
-4.0	209625_at		PIGH	phosphatidylinositol glycan anchor biosynthesis, class H
-4.0	1566323_at	D	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)
-4.0	226417_at		RHOB	ras homolog family member B
-4.0	218537_at	D	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)
-4.0	213771_at		IRF2BP1	interferon regulatory factor 2 binding protein 1
-4.0	218955_at		BRF2	BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like
-4.0	227572_at		USP30	ubiquitin specific peptidase 30
-4.0	1553781_at	D	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like
-4.0	214797_s_at		CDK18	cyclin-dependent kinase 18
-4.0	207595_s_at	D	BMP1	bone morphogenetic protein 1
-4.0	1564630_at	D	EDN1	endothelin 1
-4.0	205490_x_at	D	GJB3	gap junction protein, beta 3, 31kDa
-4.0	202366_at		ACADS	acyl-CoA dehydrogenase, C-2 to C-3 short chain
-4.0	203440_at		CDH2	cadherin 2, type 1, N-cadherin (neuronal)
-4.1	201308_s_at		SEPT11	septin 11
-4.1	204751_x_at	D	DSC2	desmocollin 2
-4.1	202095_s_at	D	BIRC5	baculoviral IAP repeat containing 5
-4.1	204014_at		DUSP4	dual specificity phosphatase 4
-4.1	244126_at		PEX11G	peroxisomal biogenesis factor 11 gamma
-4.1	203554_x_at		PTTG1	pituitary tumor-forming 1
-4.1	214537_at		HIST1H1D	histone cluster 1, H1d
-4.1	219500_at		CLCF1	cardiotrophin-like cytokine factor 1
-4.1	205194_at		PSPH	phosphoserine phosphatase
-4.1	1553031_at	D	GPR115	G protein-coupled receptor 115
-4.1	1559075_s_at		BAHCC1	BAH domain and coiled-coil containing 1
-4.1	200923_at		LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein
-4.1	45297_at	D	EHD2	EH-domain containing 2
-4.1	221512_at		TMEM222	transmembrane protein 222
-4.1	212533_at		WEE1	WEE1 homolog (S. pombe)
-4.1	202756_s_at		GPC1	glypican 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-4.1	227891_s_at		TAF15	TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa
-4.1	1560119_at		LOC389634	uncharacterized LOC389634
-4.2	1568604_a_at		CADPS	Ca ⁺⁺ -dependent secretion activator
-4.2	224848_at	D	CDK6	cyclin-dependent kinase 6
-4.2	63305_at	D	PKNOX2	PBX/knotted 1 homeobox 2
-4.2	235463_s_at		CERS6	ceramide synthase 6
-4.2	214542_x_at	D	HIST1H2AG (includes others)	histone cluster 1, H2ag
-4.2	209000_s_at		SEPT8	septin 8
-4.2	200953_s_at	D	CCND2	cyclin D2
-4.2	213770_at	D	KSR1	kinase suppressor of ras 1
-4.2	236134_at		DCAF7	DDB1 and CUL4 associated factor 7
-4.2	232506_s_at	D	C15orf41	chromosome 15 open reading frame 41
-4.2	229276_at		IGSF9	immunoglobulin superfamily, member 9
-4.2	213422_s_at	D	MXRA8	matrix-remodelling associated 8
-4.2	232467_at		KIRREL	kin of IRRE like (Drosophila)
-4.2	1566288_at		OR2M4	olfactory receptor, family 2, subfamily M, member 4
-4.2	205932_s_at		MSX1	msh homeobox 1
-4.2	218702_at		SARS2	seryl-tRNA synthetase 2, mitochondrial
-4.2	1559477_s_at		MEIS1	Meis homeobox 1
-4.2	225458_at		PP7080	uncharacterized LOC25845
-4.2	202740_at		ACY1	aminoacylase 1
-4.2	60474_at	D	FERMT1	fermitin family member 1
-4.2	223169_s_at	D	RHOU	ras homolog family member U
-4.2	210594_x_at	D	MPZL1	myelin protein zero-like 1
-4.2	243452_at		LOC646778	uncharacterized LOC646778
-4.2	213226_at	D	CCNA2	cyclin A2
-4.3	209220_at		GPC3	glypican 3
-4.3	224847_at	D	CDK6	cyclin-dependent kinase 6
-4.3	211042_x_at		MCAM	melanoma cell adhesion molecule
-4.3	226452_at		PDK1	pyruvate dehydrogenase kinase, isozyme 1
-4.3	201616_s_at	D	CALD1	caldesmon 1
-4.3	207170_s_at		LETMD1	LETM1 domain containing 1
-4.3	1552281_at	D	SLC39A5	solute carrier family 39 (metal ion transporter), member 5
-4.3	213223_at		RPL28	ribosomal protein L28
-4.3	229730_at		SMTNL2	smoothelin-like 2
-4.3	221210_s_at		NPL	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate synthase)
-4.3	215148_s_at		APBA3	amyloid beta (A4) precursor protein-binding, family A, member 3
-4.3	211226_at		GALR2	galanin receptor 2
-4.3	234456_at		TRAPPC4	trafficking protein particle complex 4
-4.3	219744_at		FN3K	fructosamine 3 kinase
-4.3	221870_at	D	EHD2	EH-domain containing 2
-4.3	204408_at		APEX2	APEX nuclease (apurinic/apyrimidinic endonuclease) 2
-4.4	208484_at		HIST1H1A	histone cluster 1, H1a
-4.4	239853_at		KLC3	kinesin light chain 3

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-4.4	228168_at		ATP5G3	ATP synthase, H ⁺ transporting, mitochondrial Fo complex, subunit C3 (subunit 9)
-4.4	218723_s_at	D	RGCC	regulator of cell cycle
-4.4	225533_at		PHF19	PHD finger protein 19
-4.4	201428_at		CLDN4	claudin 4
-4.4	223316_at		CCDC3	coiled-coil domain containing 3
-4.4	226667_x_at		EPN1	epsin 1
-4.4	225605_at		TP53113	tumor protein p53 inducible protein 13
-4.4	220470_at		BET1L	blocked early in transport 1 homolog (S. cerevisiae)-like
-4.4	218576_s_at		DUSP12	dual specificity phosphatase 12
-4.4	222802_at	D	EDN1	endothelin 1
-4.4	226113_at		ZNF436	zinc finger protein 436
-4.4	235287_at	D	CDK6	cyclin-dependent kinase 6
-4.4	212801_at		CIT	citron (rho-interacting, serine/threonine kinase 21)
-4.4	218450_at		HEBP1	heme binding protein 1
-4.4	210986_s_at	D	TPM1 (includes EG:22003)	tropomyosin 1 (alpha)
-4.4	209039_x_at	D	EHD1	EH-domain containing 1
-4.4	217303_s_at		ADRB3	adrenergic, beta-3-, receptor
-4.5	228959_at		PDK3	pyruvate dehydrogenase kinase, isozyme 3
-4.5	213324_at	D	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
-4.5	229458_s_at	D	GALK1	galactokinase 1
-4.5	205797_s_at		TCP11L1	t-complex 11 (mouse)-like 1
-4.5	227476_at	D	LPGAT1	lysophosphatidylglycerol acyltransferase 1
-4.5	216333_x_at	D	TNXB	tenascin XB
-4.5	224059_s_at		NUMBL	numb homolog (Drosophila)-like
-4.5	221955_at	D	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
-4.5	206217_at		EDA	ectodysplasin A
-4.5	226260_x_at	D	ZNF358	zinc finger protein 358
-4.5	201615_x_at	D	CALD1	caldesmon 1
-4.5	32837_at		AGPAT2	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
-4.5	219305_x_at	D	FBXO2	F-box protein 2
-4.5	227655_at		LOC100505806	uncharacterized LOC100505806
-4.6	205203_at	D	PLD1	phospholipase D1, phosphatidylcholine-specific
-4.6	208112_x_at	D	EHD1	EH-domain containing 1
-4.6	209044_x_at		SF3B4	splicing factor 3b, subunit 4, 49kDa
-4.6	213258_at		TFPI	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)
-4.6	215293_s_at	D	PGAP2	post-GPI attachment to proteins 2
-4.6	222124_at	D	HIF3A	hypoxia inducible factor 3, alpha subunit
-4.6	224927_at		PPP1R18	protein phosphatase 1, regulatory subunit 18
-4.6	242123_at		PAQR7	progesterin and adipoQ receptor family member VII
-4.6	203426_s_at	D	IGFBP5	insulin-like growth factor binding protein 5
-4.6	220186_s_at		CDHR2	cadherin-related family member 2
-4.6	155655_at		LOC100129461	uncharacterized LOC100129461

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-4.6	204432_at		SOX12	SRY (sex determining region Y)-box 12
-4.6	215389_s_at		TNNT2 (includes EG: 21956)	troponin T type 2 (cardiac)
-4.6	205693_at	D	TNNT3	troponin T type 3 (skeletal, fast)
-4.6	214540_at	D	HIST1H2BH/HIST1H2BO	histone cluster 1, H2bo
-4.6	202663_at	D	WIPF1	WAS/WASL interacting protein family, member 1
-4.7	226379_s_at		C19orf25	chromosome 19 open reading frame 25
-4.7	214776_x_at		XYLB	xylulokinase homolog (H. influenzae)
-4.7	219346_at		LRFN3	leucine rich repeat and fibronectin type III domain containing 3
-4.7	221231_s_at		C14orf102	chromosome 14 open reading frame 102
-4.7	210349_at		CAMK4	calcium/calmodulin-dependent protein kinase IV
-4.7	223385_at		CYP2S1	cytochrome P450, family 2, subfamily S, polypeptide 1
-4.7	1555688_s_at		SLA2	Src-like-adaptor 2
-4.7	214562_at		HIST1H4A (includes others)	histone cluster 1, H4a
-4.7	1555765_a_at	D	GNG4	guanine nucleotide binding protein (G protein), gamma 4
-4.8	231243_s_at		BHLHE41	basic helix-loop-helix family, member e41
-4.8	226173_at		TBC1D25	TBC1 domain family, member 25
-4.8	213281_at	D	JUN	jun proto-oncogene
-4.8	231868_at		HOMEZ	homeobox and leucine zipper encoding
-4.8	218009_s_at		PRC1 (includes EG: 233406)	protein regulator of cytokinesis 1
-4.8	218237_s_at	D	SLC38A1	solute carrier family 38, member 1
-4.8	235768_at	D	SH3RF2	SH3 domain containing ring finger 2
-4.8	214987_at		GAB1	GRB2-associated binding protein 1
-4.8	220911_s_at		NYNRIN	NYN domain and retroviral integrase containing
-4.8	211564_s_at	D	PDLIM4	PDZ and LIM domain 4
-4.8	214013_s_at	D	TBC1D1	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1
-4.8	239145_at		ZNF414	zinc finger protein 414
-4.8	229307_at		ANKRD28	ankyrin repeat domain 28
-4.8	228261_at		MIB2	mindbomb E3 ubiquitin protein ligase 2
-4.8	206771_at		UPK3A	uroplakin 3A
-4.9	202330_s_at		UNG	uracil-DNA glycosylase
-4.9	203612_at		BYSL	bystin-like
-4.9	238514_at		TMEM25	transmembrane protein 25
-4.9	230840_at		LOC388588	uncharacterized protein LOC388588
-4.9	1565611_at		DYNLRB1	dynein, light chain, roadblock-type 1
-4.9	213961_s_at		TAF6L	TAF6-like RNA polymerase II, p300/CBP-associated factor (PCAF)-associated factor, 65kDa
-4.9	209204_at		LMO4	LIM domain only 4
-4.9	203184_at		FBN2 (includes EG: 14119)	fibrillin 2
-4.9	205031_at		EFNB3	ephrin-B3
-4.9	216018_at		RNF5	ring finger protein 5, E3 ubiquitin protein ligase
-4.9	209466_x_at	D	PTN	pleiotrophin

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-4.9	214430_at		GLA	galactosidase, alpha
-4.9	238703_at		FAM207A	family with sequence similarity 207, member A
-4.9	37462_i_at	D	SF3A2	splicing factor 3a, subunit 2, 66kDa
-4.9	231021_at	D	SLC6A19	solute carrier family 6 (neutral amino acid transporter), member 19
-4.9	1556069_s_at	D	HIF3A	hypoxia inducible factor 3, alpha subunit
-4.9	219246_s_at		OGFOD2	2-oxoglutarate and iron-dependent oxygenase domain containing 2
-4.9	211887_x_at	D	MSR1 (includes EG:20288)	macrophage scavenger receptor 1
-5.0	222049_s_at	D	RBP4	retinol binding protein 4, plasma
-5.0	223492_s_at		LRRFIP1	leucine rich repeat (in FLII) interacting protein 1
-5.0	205827_at		CCK	cholecystokinin
-5.0	214622_at		CYP21A2	cytochrome P450, family 21, subfamily A, polypeptide 2
-5.0	213526_s_at		LIN37	lin-37 homolog (C. elegans)
-5.0	201427_s_at	D	SEPP1	selenoprotein P, plasma, 1
-5.0	1555889_a_at		CRTAP	cartilage associated protein
-5.0	228707_at		CLDN23	claudin 23
-5.0	212966_at	D	HIC2	hypermethylated in cancer 2
-5.0	202150_s_at		NEDD9	neural precursor cell expressed, developmentally down-regulated 9
-5.0	202764_at		STIM1	stromal interaction molecule 1
-5.0	205620_at		F10	coagulation factor X
-5.0	207396_s_at		ALG3	asparagine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisiae)
-5.0	225757_s_at	D	CLMN	calmin (calponin-like, transmembrane)
-5.0	209680_s_at	D	KIFC1	kinesin family member C1
-5.0	214858_at		PP14571	uncharacterized LOC100130449
-5.0	208074_s_at	D	AP2S1	adaptor-related protein complex 2, sigma 1 subunit
-5.0	203592_s_at		FSTL3	follistatin-like 3 (secreted glycoprotein)
-5.1	205380_at		PDZK1	PDZ domain containing 1
-5.1	235797_x_at		HMCN2	hemicentin 2
-5.1	231259_s_at	D	CCND2	cyclin D2
-5.1	203564_at		FANCG	Fanconi anemia, complementation group G
-5.1	239028_at		LYPD6	LY6/PLAUR domain containing 6
-5.1	202921_s_at		ANK2	ankyrin 2, neuronal
-5.1	212230_at	D	PPAP2B	phosphatidic acid phosphatase type 2B
-5.1	207172_s_at	D	CDH11	cadherin 11, type 2, OB-cadherin (osteoblast)
-5.1	1552914_a_at		CD276	CD276 molecule
-5.1	226314_at		CHST14	carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 14
-5.2	203490_at	D	ELF4	E74-like factor 4 (ets domain transcription factor)
-5.2	212350_at	D	TBC1D1	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1
-5.2	31845_at	D	ELF4	E74-like factor 4 (ets domain transcription factor)
-5.2	214679_x_at	D	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)
-5.2	204715_at		PANX1	pannexin 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-5.2	209569_x_at	D	D4S234E	DNA segment on chromosome 4 (unique) 234 expressed sequence
-5.2	227599_at		MB21D2	Mab-21 domain containing 2
-5.2	203507_at		CD68	CD68 molecule
-5.2	221864_at		ORAI3	ORAI calcium release-activated calcium modulator 3
-5.2	201874_at	D	MPZL1	myelin protein zero-like 1
-5.2	210347_s_at		BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)
-5.2	232272_at		ZNF624	zinc finger protein 624
-5.2	202685_s_at		AXL	AXL receptor tyrosine kinase
-5.2	225673_at	D	MYADM	myeloid-associated differentiation marker
-5.2	213428_s_at		COL6A1	collagen, type VI, alpha 1
-5.2	224794_s_at		CERCAM	cerebral endothelial cell adhesion molecule guanylate cyclase activator 2B (uroguanylin)
-5.3	207502_at		GUCA2B	
-5.3	218848_at		THOC6	THO complex 6 homolog (Drosophila) family with sequence similarity 213, member B
-5.3	231835_at		FAM213B	
-5.3	220056_at		IL22RA1	interleukin 22 receptor, alpha 1
-5.3	219222_at		RBKS	ribokinase
-5.3	201765_s_at		HEXA	hexosaminidase A (alpha polypeptide)
-5.3	221515_s_at		LCMT1	leucine carboxyl methyltransferase 1
-5.3	205436_s_at	D	H2AFX	H2A histone family, member X
-5.3	201601_x_at	D	IFITM1	interferon induced transmembrane protein 1
-5.3	201853_s_at		CDC25B	cell division cycle 25 homolog B (S. pombe)
-5.3	202196_s_at		DKK3	dickkopf 3 homolog (Xenopus laevis)
-5.3	207076_s_at		ASS1	argininosuccinate synthase 1
-5.3	212233_at	D	MAP1B	microtubule-associated protein 1B
-5.4	222760_at		ZNF703	zinc finger protein 703
-5.4	219956_at		GALNT6	UDP-N-acetyl-alpha-D- galactosamine: polypeptide N- acetylgalactosaminyltransferase 6 (GalNAc-T6)
-5.4	201369_s_at	D	ZFP36L2	zinc finger protein 36, C3H type-like 2
-5.4	214554_at	D	HIST1H2AG (includes others)	histone cluster 1, H2ag
-5.4	208821_at		SNRPB	small nuclear ribonucleoprotein polypeptides B and B1
-5.4	41858_at	D	PGAP2	post-GPI attachment to proteins 2
-5.4	209347_s_at	D	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)
-5.4	56197_at	D	PLSCR3	phospholipid scramblase 3
-5.4	221234_s_at		BACH2	BTB and CNC homology 1, basic leucine zipper transcription factor 2
-5.4	202668_at	D	EFNB2	ephrin-B2
-5.4	216339_s_at	D	TNXB	tenascin XB
-5.5	204087_s_at		SLC5A6	solute carrier family 5 (sodium-dependent vitamin transporter), member 6
-5.5	229657_at	D	THRB	thyroid hormone receptor, beta
-5.5	212525_s_at	D	H2AFX	H2A histone family, member X
-5.5	51146_at		PIGV	phosphatidylinositol glycan anchor biosynthesis, class V
-5.5	219416_at	D	SCARA3	scavenger receptor class A, member 3

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-5.5	212021_s_at	D	MKI67	antigen identified by monoclonal antibody Ki-67
-5.5	205141_at		ANG	angiogenin, ribonuclease, RNase A family, 5
-5.6	210052_s_at		TPX2	TPX2, microtubule-associated, homolog (Xenopus laevis)
-5.6	44702_at	D	SYDE1	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)
-5.6	206122_at		SOX15	SRY (sex determining region Y)-box 15
-5.6	242502_at	D	KCNH5	potassium voltage-gated channel, subfamily H (eag-related), member 5
-5.6	212090_at		GRINA	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)
-5.6	217487_x_at		FOLH1	folate hydrolase (prostate-specific membrane antigen) 1
-5.6	205028_at		TRO	trophinin
-5.6	231118_at		ANKRD35	ankyrin repeat domain 35
-5.6	223168_at	D	RHOU	ras homolog family member U
-5.6	230525_at		LOC100507378	uncharacterized LOC100507378
-5.6	204617_s_at		ACD	adrenocortical dysplasia homolog (mouse)
-5.6	205241_at		SCO2 (includes EG:606683)	SCO cytochrome oxidase deficient homolog 2 (yeast)
-5.6	243582_at	D	SH3RF2	SH3 domain containing ring finger 2
-5.7	207880_at	D	ADAM11	ADAM metalloproteinase domain 11
-5.7	224947_at		RNF26	ring finger protein 26
-5.7	208577_at	D	HIST1H3A (includes others)	histone cluster 1, H3a
-5.7	214022_s_at	D	IFITM1	interferon induced transmembrane protein 1
-5.7	215194_at		PRKCA	protein kinase C, alpha
-5.7	209603_at		GATA3	GATA binding protein 3
-5.7	236036_at		LOC100506343	uncharacterized LOC100506343
-5.7	204654_s_at		TFAP2A	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
-5.7	218084_x_at	D	FXVD5	FXVD domain containing ion transport regulator 5
-5.7	213316_at	D	KIAA1462	KIAA1462
-5.7	228729_at		CCNB1	cyclin B1
-5.8	237403_at		GFI1B	growth factor independent 1B transcription repressor
-5.8	201565_s_at	D	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
-5.8	218532_s_at		FAM134B	family with sequence similarity 134, member B
-5.8	209764_at		MGAT3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
-5.8	201433_s_at		PTDSS1	phosphatidylserine synthase 1
-5.8	227705_at		TCEAL7	transcription elongation factor A (SII)-like 7
-5.8	1555826_at	D	BIRC5	baculoviral IAP repeat containing 5
-5.8	207254_at		SLC15A1	solute carrier family 15 (oligopeptide transporter), member 1
-5.8	223094_s_at	D	ANKH	ankylosis, progressive homolog (mouse)
-5.8	210087_s_at	D	MPZL1	myelin protein zero-like 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-5.8	209179_s_at		MBOAT7	membrane bound O-acyltransferase domain containing 7
-5.8	230544_at		RPS6KA4	ribosomal protein S6 kinase, 90kDa, polypeptide 4
-5.8	211171_s_at		PDE10A	phosphodiesterase 10A
-5.8	215707_s_at		PRNP	prion protein
-5.9	208474_at	D	CLDN6	claudin 6
-5.9	1554945_x_at	D	VIL1	villin 1
-5.9	213767_at	D	KSR1	kinase suppressor of ras 1
-5.9	226502_at		ELMOD2	ELMO/CED-12 domain containing 2
-5.9	235930_at		KCNMB4	potassium large conductance calcium-activated channel, subfamily M, beta member 4
-5.9	231737_at	D	CACNG4	calcium channel, voltage-dependent, gamma subunit 4
-5.9	209035_at		MDK	midkine (neurite growth-promoting factor 2)
-5.9	212949_at		NCAPH	non-SMC condensin I complex, subunit H
-5.9	227463_at		ACE	angiotensin I converting enzyme (peptidyl-dipeptidase A) 1
-5.9	214423_x_at	D	ALDOB	aldolase B, fructose-bisphosphate
-5.9	219194_at		SEMA4G	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G
-5.9	202910_s_at		CD97	CD97 molecule
-5.9	220157_x_at		PLEKHA8P1	pleckstrin homology domain containing, family A member 8 pseudogene 1
-6.0	244623_at		KCNQ5	potassium voltage-gated channel, KQT-like subfamily, member 5
-6.0	212012_at	D	PXDN	peroxidasin homolog (Drosophila)
-6.0	203820_s_at	D	IGF2BP3	insulin-like growth factor 2 mRNA binding protein 3
-6.0	208916_at	D	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 5
-6.0	226506_at	D	THSD4	thrombospondin, type I, domain containing 4
-6.0	201617_x_at	D	CALD1	caldesmon 1
-6.0	202766_s_at	D	FBN1	fibrillin 1
-6.0	225285_at	D	BCAT1	branched chain amino-acid transaminase 1, cytosolic
-6.0	230259_at		C10orf125	chromosome 10 open reading frame 125
-6.0	205341_at	D	EHD2	EH-domain containing 2
-6.1	229050_s_at		SNHG7	small nucleolar RNA host gene 7 (non-protein coding)
-6.1	229096_at		LOC440895	two pore channel 3 pseudogene
-6.1	226456_at		RMI2	RMI2, RecQ mediated genome instability 2, homolog (S. cerevisiae)
-6.1	215346_at		CD40	CD40 molecule, TNF receptor superfamily member 5
-6.1	1555304_a_at	D	KCNH5	potassium voltage-gated channel, subfamily H (eag-related), member 5
-6.1	206300_s_at		PTH1H	parathyroid hormone-like hormone
-6.1	224169_at		NPF22	neuropeptide FF receptor 2
-6.1	230369_at		GPR161	G protein-coupled receptor 161
-6.1	1562640_at		HOXA-AS2	HOXA cluster antisense RNA 2 (non-protein coding)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-6.1	229296_at		LOC100506119	uncharacterized LOC100506119
-6.1	206518_s_at		RGS9	regulator of G-protein signaling 9
-6.1	210367_s_at	D	PTGES	prostaglandin E synthase
-6.1	230084_at		SLC30A2	solute carrier family 30 (zinc transporter), member 2
-6.2	206388_at	D	PDE3A	phosphodiesterase 3A, cGMP-inhibited
-6.2	214451_at		TFAP2B	transcription factor AP-2 beta (activating enhancer binding protein 2 beta)
-6.2	219113_x_at	D	HSD17B14	hydroxysteroid (17-beta) dehydrogenase 14
-6.2	202229_s_at		CHERP	calcium homeostasis endoplasmic reticulum protein
-6.2	203192_at		ABCB6	ATP-binding cassette, sub-family B (MDR/TAP), member 6
-6.2	202369_s_at		TRAM2	translocation associated membrane protein 2
-6.2	213358_at		SOGA2	SOGA family member 2
-6.2	205006_s_at		NMT2	N-myristoyltransferase 2
-6.2	224733_at		CMTM3	CKLF-like MARVEL transmembrane domain containing 3
-6.3	213633_at		SH3BP1	SH3-domain binding protein 1
-6.3	224753_at		CDC45	cell division cycle associated 5
-6.3	234673_at	D	HHLA2	HERV-H LTR-associating 2
-6.3	224494_x_at	D	HSD17B14	hydroxysteroid (17-beta) dehydrogenase 14
-6.4	221701_s_at		STRA6	stimulated by retinoic acid gene 6 homolog (mouse)
-6.4	217207_s_at		BTNL3	butyrophilin-like 3
-6.4	205874_at		ITPKA	inositol-trisphosphate 3-kinase A
-6.4	227399_at		VGLL3	vestigial like 3 (Drosophila)
-6.4	219046_s_at	D	PKNOX2	PBX/knotted 1 homeobox 2
-6.4	219738_s_at		PCDH9	protocadherin 9
-6.4	213930_at		ATG12 (includes EG:361321)	ATG12 autophagy related 12 homolog (S. cerevisiae)
-6.4	223093_at	D	ANKH	ankylosis, progressive homolog (mouse)
-6.4	214264_s_at		EFCAB11	EF-hand calcium binding domain 11
-6.4	207439_s_at		SLC35A2	solute carrier family 35 (UDP-galactose transporter), member A2
-6.4	201847_at		LIPA	lipase A, lysosomal acid, cholesterol esterase
-6.5	201505_at	D	LAMB1	laminin, beta 1
-6.5	227971_at		NRK	Nik related kinase
-6.5	212077_at	D	CALD1	caldesmon 1
-6.5	205301_s_at	D	OGG1	8-oxoguanine DNA glycosylase
-6.5	214175_x_at	D	PDLIM4	PDZ and LIM domain 4
-6.5	204457_s_at		GAS1 (includes EG:14451)	growth arrest-specific 1
-6.5	33197_at		MYO7A	myosin VIIA
-6.5	209260_at	D	SFN	stratifin
-6.5	1555338_s_at		AQP10	aquaporin 10
-6.6	238956_at	D	EFNA2	ephrin-A2
-6.6	220196_at		MUC16	mucin 16, cell surface associated
-6.6	203633_at		CPT1A	carnitine palmitoyltransferase 1A (liver)
-6.6	1553573_s_at	D	EFNA2	ephrin-A2
-6.6	218828_at	D	PLSCR3	phospholipid scramblase 3
-6.6	238587_at	D	UBASH3B	ubiquitin associated and SH3 domain containing B

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-6.6	222835_at	D	THSD4	thrombospondin, type I, domain containing 4
-6.6	220604_x_at		FTCD	formiminotransferase cyclodeaminase
-6.6	212198_s_at		TM9SF4	transmembrane 9 superfamily protein member 4
-6.6	204988_at	D	FGB (includes EG:110135)	fibrinogen beta chain
-6.6	236415_at		DENND5B	DENN/MADD domain containing 5B
-6.6	209381_x_at	D	SF3A2	splicing factor 3a, subunit 2, 66kDa
-6.6	214276_at	D	KLF12	Kruppel-like factor 12
-6.6	219918_s_at	D	ASPM	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)
-6.6	208782_at		FSTL1	folliculin-like 1
-6.7	219576_at		MAP7D3	MAP7 domain containing 3
-6.7	213533_at	D	D4S234E	DNA segment on chromosome 4 (unique) 234 expressed sequence
-6.7	238364_x_at		GLI4	GLI family zinc finger 4
-6.7	228882_at		TUB	tubby homolog (mouse)
-6.7	221188_s_at		CIDEB	cell death-inducing DFFA-like effector b
-6.7	204981_at		SLC22A18	solute carrier family 22, member 18
-6.7	202765_s_at	D	FBN1	fibrillin 1
-6.7	224252_s_at	D	FXYD5	FXYD domain containing ion transport regulator 5
-6.8	224501_at		C1orf170	chromosome 1 open reading frame 170
-6.8	219398_at		CIDEC	cell death-inducing DFFA-like effector c
-6.8	200952_s_at	D	CCND2	cyclin D2
-6.8	232015_at		FAM59B	family with sequence similarity 59, member B
-6.8	221042_s_at	D	CLMN	calmin (calponin-like, transmembrane)
-6.8	1557907_x_at	D	MUC12	mucin 12, cell surface associated
-6.8	227681_at	D	ZFP36L2	zinc finger protein 36, C3H type-like 2
-6.8	201896_s_at		PSRC1	proline/serine-rich coiled-coil 1
-6.8	204043_at		TCN2	transcobalamin II
-6.8	220135_s_at		SLC7A9	solute carrier family 7 (glycoprotein-associated amino acid transporter light chain, bo,+ system), member 9
-6.8	244676_s_at	D	MTUS2	microtubule associated tumor suppressor candidate 2
-6.8	231411_at	D	LHFP	lipoma HMGIC fusion partner
-6.8	220994_s_at	D	STXBP6	syntaxin binding protein 6 (amisyn)
-6.8	218612_s_at		TSSC4	tumor suppressing subtransferable candidate 4
-6.9	207226_at		HIST1H2BN	histone cluster 1, H2bn
-6.9	227320_at		FAM101A	family with sequence similarity 101, member A
-6.9	224171_at		LSM14B	LSM14B, SCD6 homolog B (S. cerevisiae)
-6.9	213506_at		F2RL1	coagulation factor II (thrombin) receptor-like 1
-6.9	205093_at		PLEKHA6	pleckstrin homology domain containing, family A member 6
-6.9	212486_s_at	D	FYN	FYN oncogene related to SRC, FGR, YES
-6.9	227882_at		FKRP	fukutin related protein
-6.9	228713_s_at	D	HSD17B14	hydroxysteroid (17-beta) dehydrogenase 14
-6.9	203706_s_at		FZD7	frizzled family receptor 7
-7.0	229382_at		FAM212B	family with sequence similarity 212, member B

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-7.0	219828_at		C9orf86	chromosome 9 open reading frame 86
-7.0	206410_at		NROB2	nuclear receptor subfamily 0, group B, member 2
-7.0	203268_s_at		DRG2	developmentally regulated GTP binding protein 2
-7.1	205211_s_at		RIN1	Ras and Rab interactor 1
-7.2	1558330_x_at		TONSL	tonsoku-like, DNA repair protein
-7.2	212658_at		LHFPL2	lipoma HMGIC fusion partner-like 2
-7.2	201195_s_at		SLC7A5	solute carrier family 7 (amino acid transporter light chain, L system), member 5
-7.2	205265_s_at		SPEG	SPEG complex locus
-7.2	228381_at		LOC100287628	uncharacterized LOC100287628
-7.3	202665_s_at	D	WIPF1	WAS/WASL interacting protein family, member 1
-7.3	229538_s_at		IQGAP3	IQ motif containing GTPase activating protein 3
-7.3	203920_at		NR1H3	nuclear receptor subfamily 1, group H, member 3
-7.3	1555058_a_at	D	LPGAT1	lysophosphatidylglycerol acyltransferase 1
-7.3	213874_at		SERPINA4	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4
-7.3	202589_at	D	TYMS	thymidylate synthetase
-7.3	207524_at		ST7	suppression of tumorigenicity 7
-7.3	210174_at		NR5A2	nuclear receptor subfamily 5, group A, member 2
-7.3	214452_at	D	BCAT1	branched chain amino-acid transaminase 1, cytosolic
-7.4	214307_at		HGD	homogentisate 1,2-dioxygenase
-7.4	223571_at	D	C1QTNF6	C1q and tumor necrosis factor related protein 6
-7.4	213880_at		LGR5	leucine-rich repeat containing G protein-coupled receptor 5
-7.4	202834_at		AGT	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)
-7.4	204026_s_at		ZWINT	ZW10 interactor
-7.4	221908_at		RNF2	ring finger protein, transmembrane 2
-7.4	221980_at	D	EMILIN2	elastin microfibril interfacier 2
-7.4	235431_s_at		PELI3	pellino E3 ubiquitin protein ligase family member 3
-7.5	208131_s_at		PTGIS	prostaglandin I2 (prostacyclin) synthase
-7.5	219153_s_at	D	THSD4	thrombospondin, type 1, domain containing 4
-7.5	235077_at	D	MEG3	maternally expressed 3 (non-protein coding)
-7.5	209189_at		FOS	FBJ murine osteosarcoma viral oncogene homolog
-7.5	229215_at		ASCL2	achaete-scute complex homolog 2 (Drosophila)
-7.6	235545_at		DEPDC1	DEP domain containing 1
-7.6	225596_at		KLC4	kinesin light chain 4
-7.6	1557129_a_at		FAM111B	family with sequence similarity 111, member B
-7.6	227735_s_at	D	C10orf99	chromosome 10 open reading frame 99
-7.6	221609_s_at	D	WNT6	wingless-type MMTV integration site family, member 6
-7.7	220162_s_at		CARD9	caspase recruitment domain family, member 9
-7.7	224486_s_at	D	C15orf41	chromosome 15 open reading frame 41

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-7.7	230647_at		TMEM53	transmembrane protein 53
-7.7	225242_s_at	D	CCDC80	coiled-coil domain containing 80
-7.7	212977_at		CXCR7	chemokine (C-X-C motif) receptor 7
-7.7	202145_at		LY6E	lymphocyte antigen 6 complex, locus E
-7.8	219796_s_at	D	CDHR5	cadherin-related family member 5
-7.8	224579_at	D	SLC38A1	solute carrier family 38, member 1
-7.8	1557906_at	D	MUC12	mucin 12, cell surface associated
-7.9	222078_at	D	PKLR	pyruvate kinase, liver and RBC
-7.9	222940_at	D	SULT1E1	sulfotransferase family 1E, estrogen-preferring, member 1
-7.9	219168_s_at	D	PRR5	proline rich 5 (renal)
-7.9	224610_at		SNHG1	small nucleolar RNA host gene 1 (non-protein coding)
-7.9	215116_s_at		DNM1	dynamain 1
-7.9	233993_at		MUC3	intestinal mucin-like
-7.9	202002_at		ACAA2	acetyl-CoA acyltransferase 2
-8.0	202748_at		GBP2 (includes EG:14469)	guanylate binding protein 2, interferon-inducible
-8.0	216568_x_at		ALAS2	aminolevulinate, delta-, synthase 2
-8.0	223757_at	D	DIO3OS	DIO3 opposite strand/antisense RNA (non-protein coding)
-8.0	201291_s_at		TOP2A	topoisomerase (DNA) II alpha 170kDa
-8.0	231982_at		C19orf77	chromosome 19 open reading frame 77
-8.0	243779_at	D	GALNT13	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13)
-8.0	212865_s_at		COL14A1	collagen, type XIV, alpha 1
-8.1	238462_at	D	UBASH3B	ubiquitin associated and SH3 domain containing B
-8.1	210121_at		B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2
-8.1	224497_x_at	D	HSD17B14	hydroxysteroid (17-beta) dehydrogenase 14
-8.1	227958_s_at		GSN	gelsolin
-8.1	1558210_at	D	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
-8.1	201367_s_at	D	ZFP36L2	zinc finger protein 36, C3H type-like 2
-8.1	229183_at	D	KCTD1	potassium channel tetramerisation domain containing 1
-8.1	223095_at		MARVELD1	MARVEL domain containing 1
-8.1	230644_at		LRFN5	leucine rich repeat and fibronectin type III domain containing 5
-8.1	235911_at	D	MFI2	antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5
-8.2	226824_at	D	CPXM2	carboxypeptidase X (M14 family), member 2
-8.2	203851_at		IGFBP6	insulin-like growth factor binding protein 6
-8.2	204997_at	D	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)
-8.2	47069_at	D	PRR5	proline rich 5 (renal)
-8.2	201250_s_at	D	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1
-8.2	201466_s_at	D	JUN	jun proto-oncogene
-8.3	222881_at		HPSE	heparanase
-8.3	210475_at	D	POU3F1	POU class 3 homeobox 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-8.3	217054_at	D	MUC3A	mucin 3A, cell surface associated
-8.3	207828_s_at		CENPF	centromere protein F, 350/400kDa (mitosin)
-8.3	227819_at		LGR6	leucine-rich repeat containing G protein-coupled receptor 6
-8.4	218542_at		CEP55	centrosomal protein 55kDa
-8.4	221565_s_at		CALHM2	calcium homeostasis modulator 2
-8.4	231842_at	D	KIAA1462	KIAA1462
-8.4	209570_s_at	D	D4S234E	DNA segment on chromosome 4 (unique) 234 expressed sequence
-8.5	205555_s_at		MSX2	msh homeobox 2
-8.5	228733_at		PUSL1	pseudouridylyl synthase-like 1
-8.5	227420_at		TNFAIP8L1	tumor necrosis factor, alpha-induced protein 8-like 1
-8.6	241574_s_at		IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1
-8.6	1559266_s_at		C10orf140	chromosome 10 open reading frame 140
-8.6	218039_at		NUSAP1	nucleolar and spindle associated protein 1
-8.6	202236_s_at		SLC16A1	solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
-8.7	220108_at		GNA14	guanine nucleotide binding protein (G protein), alpha 14
-8.7	202350_s_at		MATN2	matrilin 2
-8.8	1565772_at	D	PAK1	p21 protein (Cdc42/Rac)-activated kinase 1
-8.8	213139_at		SNAI2	snail homolog 2 (Drosophila)
-8.8	230238_at		SOWAHA	soosondowah ankyrin repeat domain family member A
-8.8	214457_at	D	HOXA2	homeobox A2
-8.8	226597_at		REEP6	receptor accessory protein 6
-8.9	210105_s_at	D	FYN	FYN oncogene related to SRC, FGR, YES
-8.9	217238_s_at	D	ALDOB	aldolase B, fructose-bisphosphate
-8.9	234361_at		CREB3L3	cAMP responsive element binding protein 3-like 3
-8.9	229281_at		NPAS3	neuronal PAS domain protein 3
-8.9	212123_at	D	TCTN3	tectonic family member 3
-9.0	219543_at	D	PBLD	phenazine biosynthesis-like protein domain containing
-9.0	203382_s_at	D	APOE	apolipoprotein E
-9.0	222039_at		KIF18B	kinesin family member 18B
-9.0	226961_at		PRR15	proline rich 15
-9.1	218756_s_at		DHRS11	dehydrogenase/reductase (SDR family) member 11
-9.1	1564960_at		KRTAP7-1	keratin associated protein 7-1 (gene/pseudogene)
-9.1	235904_at		UGT3A1	UDP glycosyltransferase 3 family, polypeptide A1
-9.1	207158_at		APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
-9.1	212020_s_at	D	MK167	antigen identified by monoclonal antibody Ki-67
-9.1	228868_x_at		CDT1	chromatin licensing and DNA replication factor 1
-9.1	228580_at	D	HTRA3	HtrA serine peptidase 3
-9.1	231420_at		GGN	gametogenetin
-9.2	226659_at		DEF6	differentially expressed in FDCP 6 homolog (mouse)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-9.2	225025_at		IGSF8	immunoglobulin superfamily, member 8
-9.2	218541_s_at		C8orf4	chromosome 8 open reading frame 4
-9.2	209215_at		MFSD10	major facilitator superfamily domain containing 10
-9.2	201875_s_at	D	MPZL1	myelin protein zero-like 1
-9.2	203417_at		MFAP2	microfibrillar-associated protein 2
-9.2	1566513_a_at	D	GNG4	guanine nucleotide binding protein (G protein), gamma 4
-9.2	220193_at		SH3D21	SH3 domain containing 21
-9.2	218656_s_at	D	LHFP	lipoma HMGIC fusion partner
-9.3	229596_at		AMDHD1	amidohydrolase domain containing 1
-9.3	213706_at	D	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)
-9.3	1554696_s_at	D	TYMS	thymidylate synthetase
-9.3	203418_at	D	CCNA2	cyclin A2
-9.3	228293_at		DEPDC7	DEP domain containing 7
-9.4	220115_s_at		CDH10	cadherin 10, type 2 (T2-cadherin)
-9.4	1555922_at	D	C10orf114	chromosome 10 open reading frame 114
-9.4	232481_s_at		SLITRK6	SLIT and NTRK-like family, member 6
-9.4	238197_at	D	GATA5	GATA binding protein 5
-9.4	231424_at	D	SLC5A12	solute carrier family 5 (sodium/glucose cotransporter), member 12
-9.4	206033_s_at	D	DSC3 (includes EG: 13507)	desmocollin 3
-9.5	207156_at	D	HIST1H2AG (includes others)	histone cluster 1, H2ag
-9.6	219319_at	D	HIF3A	hypoxia inducible factor 3, alpha subunit
-9.6	205374_at		SLN	sarcolipin
-9.6	201539_s_at	D	FHL1 (includes EG: 14199)	four and a half LIM domains 1
-9.6	202664_at	D	WIPF1	WAS/WASL interacting protein family, member 1
-9.6	214639_s_at		HOXA1	homeobox A1
-9.6	210677_at		SOAT2	sterol O-acyltransferase 2
-9.7	217117_x_at	D	MUC3A	mucin 3A, cell surface associated
-9.7	226311_at	D	ADAMTS2	ADAM metalloproteinase with thrombospondin type 1 motif, 2
-9.7	237858_s_at	D	MTUS2	microtubule associated tumor suppressor candidate 2
-9.7	213368_x_at		PPFIA3	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 3
-9.8	208576_s_at	D	HIST1H3A (includes others)	histone cluster 1, H3a
-9.8	213425_at	D	WNT5A	wingless-type MMTV integration site family, member 5A
-9.9	1555694_a_at		KCNIP3	Kv channel interacting protein 3, calsenilin
-9.9	216307_at		DGKB	diacylglycerol kinase, beta 90kDa
-9.9	232721_at		TRIM55	tripartite motif containing 55
-10.0	1558590_at		METTL17	methyltransferase like 17
-10.0	219715_s_at		TDP1 (includes EG: 104884)	tyrosyl-DNA phosphodiesterase 1
-10.0	212964_at	D	HIC2	hypermethylated in cancer 2

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-10.0	242503_at		CHST13	carbohydrate (chondroitin 4) sulfotransferase 13
-10.1	239374_at		TRIM65	tripartite motif containing 65
-10.2	1554704_at		ATP8B3	ATPase, aminophospholipid transporter, class I, type 8B, member 3
-10.2	244128_x_at		GLIS1	GLIS family zinc finger 1
-10.2	215076_s_at	D	COL3A1	collagen, type III, alpha 1
-10.2	221256_s_at		HDHD3	haloacid dehalogenase-like hydrolase domain containing 3
-10.3	221447_s_at		GLT8D2	glycosyltransferase 8 domain containing 2
-10.3	224011_at	D	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 5
-10.3	214110_s_at		LOC654342	lymphocyte-specific protein 1 pseudogene
-10.4	200951_s_at	D	CCND2	cyclin D2
-10.4	227684_at		S1PR2	sphingosine-1-phosphate receptor 2
-10.4	210390_s_at		CCL15	chemokine (C-C motif) ligand 15
-10.5	236504_x_at	D	C6orf52	chromosome 6 open reading frame 52
-10.5	1552504_a_at		BRSK1	BR serine/threonine kinase 1
-10.5	243161_x_at	D	ZFP42	zinc finger protein 42 homolog (mouse)
-10.6	219304_s_at		PDGFD	platelet derived growth factor D
-10.6	226936_at		CENPW	centromere protein W
-10.6	204492_at		ARHGAP11A	Rho GTPase activating protein 11A
-10.6	215142_at		CXorf27	chromosome X open reading frame 27
-10.6	225255_at		MRPL35 (includes EG:297334)	mitochondrial ribosomal protein L35
-10.6	221585_at	D	CACNG4	calcium channel, voltage-dependent, gamma subunit 4
-10.6	231179_at		IP6K3	inositol hexakisphosphate kinase 3
-10.6	1553982_a_at		RAB7B	RAB7B, member RAS oncogene family
-10.7	204374_s_at	D	GALK1	galactokinase 1
-10.7	202705_at		CCNB2	cyclin B2
-10.7	213170_at		GPX7	glutathione peroxidase 7
-10.7	231667_at	D	SLC39A5	solute carrier family 39 (metal ion transporter), member 5
-10.7	222123_s_at	D	HIF3A	hypoxia inducible factor 3, alpha subunit
-10.8	239226_at	D	RTKN	rhotekin
-10.8	1554755_a_at	D	MTUS2	microtubule associated tumor suppressor candidate 2
-10.8	237690_at	D	GPR115	G protein-coupled receptor 115
-10.9	211958_at	D	IGFBP5	insulin-like growth factor binding protein 5
-10.9	211473_s_at	D	COL4A6	collagen, type IV, alpha 6
-10.9	216033_s_at	D	FYN	FYN oncogene related to SRC, FGR, YES
-11.0	227875_at		KLHL13	kelch-like 13 (Drosophila)
-11.0	208345_s_at	D	POU3F1	POU class 3 homeobox 1
-11.0	205044_at		GABRP	gamma-aminobutyric acid (GABA) A receptor, pi
-11.1	1556034_s_at	D	MTMR11	myotubularin related protein 11
-11.1	220686_s_at		PIWIL2	piwi-like 2 (Drosophila)
-11.1	232321_at	D	MUC17	mucin 17, cell surface associated
-11.1	225401_at	D	C1orf85	chromosome 1 open reading frame 85
-11.1	208033_s_at		ZFH3	zinc finger homeobox 3
-11.2	226125_at		LOC100288152	uncharacterized LOC100288152
-11.3	204121_at		GADD45G	growth arrest and DNA-damage-inducible, gamma

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-11.3	234472_at	D	GALNT13	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13)
-11.3	243669_s_at		PRAP1	proline-rich acidic protein 1
-11.4	204401_at		KCNN4	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
-11.4	219855_at		NUDT11	nudix (nucleoside diphosphate linked moiety X)-type motif 11
-11.4	228952_at	D	ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1
-11.4	206062_at	D	GUCA1A	guanylate cyclase activator 1A (retina)
-11.4	202954_at		UBE2C	ubiquitin-conjugating enzyme E2C
-11.4	204450_x_at	D	APOA1	apolipoprotein A-I
-11.5	214382_at		UNC93A	unc-93 homolog A (C. elegans)
-11.5	211959_at	D	IGFBP5	insulin-like growth factor binding protein 5
-11.5	213385_at		CHN2	chimerin (chimaerin) 2
-11.6	1564383_s_at		FLJ35934	FLJ35934
-11.6	242414_at	D	QPRT	quinolinate phosphoribosyltransferase
-11.6	204867_at		GCHFR	GTP cyclohydrolase I feedback regulator
-11.7	235588_at		ESCO2	establishment of cohesion 1 homolog 2 (S. cerevisiae)
-11.7	222608_s_at	D	ANLN	anillin, actin binding protein
-11.7	210264_at		GPR35	G protein-coupled receptor 35
-11.7	214390_s_at	D	BCAT1	branched chain amino-acid transaminase 1, cytosolic
-11.7	205894_at		ARSE	arylsulfatase E (chondrodysplasia punctata 1)
-11.8	239002_at	D	ASPM	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)
-11.8	204146_at		RAD51AP1	RAD51 associated protein 1
-11.9	210107_at		CLCA1	chloride channel accessory 1
-11.9	228359_at	D	UBASH3B	ubiquitin associated and SH3 domain containing B
-11.9	1554974_at	D	ACY3	aspartoacylase (aminocyclase) 3
-12.0	209464_at		AURKB	aurora kinase B
-12.0	229327_s_at	D	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)
-12.0	209773_s_at		RRM2	ribonucleotide reductase M2
-12.1	218700_s_at		RAB7L1	RAB7, member RAS oncogene family-like 1
-12.1	220339_s_at		TPSG1	tryptase gamma 1
-12.1	220310_at		TUBAL3	tubulin, alpha-like 3
-12.1	215324_at		SEMA3D	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3D
-12.2	205943_at		TDO2	tryptophan 2,3-dioxygenase
-12.2	221241_s_at		BCL2L14 (includes EG:500348)	BCL2-like 14 (apoptosis facilitator)
-12.2	219768_at		VTCN1	V-set domain containing T cell activation inhibitor 1
-12.2	244151_at	D	LOC100507203	uncharacterized LOC100507203
-12.3	235276_at	D	EPSTI1	epithelial stromal interaction 1 (breast)
-12.3	1552910_at		SIGLEC11	sialic acid binding Ig-like lectin 11
-12.4	213201_s_at		TNNT1	troponin T type 1 (skeletal, slow)

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-12.5	230560_at	D	STXBP6	syntaxin binding protein 6 (amisyn)
-12.7	206090_s_at		DISC1	disrupted in schizophrenia 1
-12.7	222171_s_at	D	PKNOX2	PBX/knotted 1 homeobox 2
-12.7	209893_s_at		FUT4	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)
-12.8	228507_at	D	PDE3A	phosphodiesterase 3A, cGMP-inhibited
-12.8	216889_s_at	D	HNF4A	hepatocyte nuclear factor 4, alpha
-12.8	203709_at		PHKG2	phosphorylase kinase, gamma 2 (testis)
-12.8	234985_at		LDLRAD3	low density lipoprotein receptor class A domain containing 3
-12.8	1555867_at	D	GNG4	guanine nucleotide binding protein (G protein), gamma 4
-12.9	231227_at	D	WNT5A	wingless-type MMTV integration site family, member 5A
-12.9	203425_s_at	D	IGFBP5	insulin-like growth factor binding protein 5
-13.1	210177_at	D	TRIM15	tripartite motif containing 15
-13.2	221879_at	D	CALML4	calmodulin-like 4
-13.2	216971_s_at		PLEC	plectin
-13.2	219140_s_at	D	RBP4	retinol binding protein 4, plasma
-13.2	219533_at	D	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)
-13.3	224323_s_at		MRO	maestro
-13.3	1553296_at		GPR128	G protein-coupled receptor 128
-13.3	235296_at		EIF5A2	eukaryotic translation initiation factor 5A2
-13.3	227061_at		LOC100506621	uncharacterized LOC100506621
-13.4	203325_s_at	D	COL5A1	collagen, type V, alpha 1
-13.5	203695_s_at		DFNA5	deafness, autosomal dominant 5
-13.5	216272_x_at	D	SYDE1	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)
-13.6	206925_at		ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha- 2,8-sialyltransferase 4
-13.6	240387_at	D	UBASH3B	ubiquitin associated and SH3 domain containing B
-13.7	207003_at		GUCA2A	guanylate cyclase activator 2A (guanylin)
-13.8	210944_s_at	D	CAPN3	calpain 3, (p94)
-13.9	232407_at	D	MUC17	mucin 17, cell surface associated
-13.9	229578_at		JPH2	junctophilin 2
-13.9	201249_at	D	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1
-14.0	209348_s_at	D	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)
-14.0	236894_at	D	L1TD1	LINE-1 type transposase domain containing 1
-14.0	228576_s_at	D	MXRA8	matrix-remodelling associated 8
-14.1	238940_at	D	KLF12	Kruppel-like factor 12
-14.1	219173_at	D	MYO15B	myosin XVB pseudogene
-14.1	213781_at	D	PPP1R37	protein phosphatase 1, regulatory subunit 37
-14.1	205330_at		MN1	meningioma (disrupted in balanced translocation) 1
-14.1	214424_s_at	D	ALDOB	aldolase B, fructose-bisphosphate
-14.2	201042_at	D	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma- glutamyltransferase)
-14.2	242444_at	D	C1QTNF6	C1q and tumor necrosis factor related protein 6
-14.2	227955_s_at		EFNA5	ephrin-A5

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-14.3	235572_at		SPC24 (includes EG:147841)	SPC24, NDC80 kinetochore complex component, homolog (<i>S. cerevisiae</i>)
-14.3	202830_s_at		SLC37A4	solute carrier family 37 (glucose-6-phosphate transporter), member 4
-14.3	206032_at	D	DSC3 (includes EG:13507)	desmocollin 3
-14.3	202898_at		SDC3	syndecan 3
-14.4	228741_s_at		HCN3	hyperpolarization activated cyclic nucleotide-gated potassium channel 3
-14.4	229693_at		TMEM220	transmembrane protein 220
-14.4	227743_at	D	MYO15B	myosin XVB pseudogene
-14.5	211161_s_at	D	COL3A1	collagen, type III, alpha 1
-14.6	214577_at	D	MAP1B	microtubule-associated protein 1B
-14.6	203669_s_at		DGAT1	diacylglycerol O-acyltransferase 1
-14.6	237411_at		ADAMTS6	ADAM metalloproteinase with thrombospondin type 1 motif, 6
-14.8	233517_s_at	D	HIF3A	hypoxia inducible factor 3, alpha subunit
-14.8	1557446_x_at		TREML3	triggering receptor expressed on myeloid cells-like 3
-14.8	204239_s_at		NNAT	neuronatin
-14.9	210095_s_at	D	IGFBP3	insulin-like growth factor binding protein 3
-14.9	233889_at	D	TBX18	T-box 18
-14.9	212143_s_at	D	IGFBP3	insulin-like growth factor binding protein 3
-15.0	207140_at		ALPI	alkaline phosphatase, intestinal
-15.2	1552508_at	D	KCNE4	potassium voltage-gated channel, Isk-related family, member 4
-15.3	211429_s_at	D	SERPINA1	serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 1
-15.4	213946_s_at	D	OBSL1	obscurin-like 1
-15.4	231008_at		UNC5CL	unc-5 homolog C (<i>C. elegans</i>)-like
-15.5	222781_s_at		C9orf40	chromosome 9 open reading frame 40
-15.5	220076_at	D	ANKH	ankylosis, progressive homolog (mouse)
-15.5	209355_s_at	D	PPAP2B	phosphatidic acid phosphatase type 2B
-15.6	201710_at		MYBL2	v-myb myeloblastosis viral oncogene homolog (avian)-like 2
-15.6	235245_at		TMEM92	transmembrane protein 92
-15.6	201852_x_at	D	COL3A1	collagen, type III, alpha 1
-15.7	204636_at		COL17A1	collagen, type XVII, alpha 1
-15.9	1558693_s_at	D	C1orf85	chromosome 1 open reading frame 85
-15.9	1553954_at		ALG14 (includes EG:199857)	asparagine-linked glycosylation 14 homolog (<i>S. cerevisiae</i>)
-16.1	36742_at	D	TRIM15	tripartite motif containing 15
-16.3	1552507_at	D	KCNE4	potassium voltage-gated channel, Isk-related family, member 4
-16.3	205076_s_at	D	MTMR11	myotubularin related protein 11
-16.5	214961_at	D	MTUS2	microtubule associated tumor suppressor candidate 2
-16.5	215021_s_at	D	NRXN3	neurexin 3
-16.6	210933_s_at		FSCN1	fascin homolog 1, actin-bundling protein (<i>Strongylocentrotus purpuratus</i>)
-16.8	225241_at	D	CCDC80	coiled-coil domain containing 80
-16.8	243292_at		FAM132A	family with sequence similarity 132, member A
-16.8	214454_at	D	ADAMTS2	ADAM metalloproteinase with thrombospondin type 1 motif, 2

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-16.9	231632_at		C19orf69	chromosome 19 open reading frame 69
-17.0	206346_at	D	PRLR	prolactin receptor
-17.0	64408_s_at	D	CALML4	calmodulin-like 4
-17.1	206213_at		WNT10B	wingless-type MMTV integration site family, member 10B
-17.1	216910_at	D	XPNPEP2	X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound
-17.1	208496_x_at	D	HIST1H3A (includes others)	histone cluster 1, H3a
-17.1	237484_at		C12orf69	chromosome 12 open reading frame 69
-17.1	208429_x_at	D	HNF4A	hepatocyte nuclear factor 4, alpha
-17.2	209490_s_at		PPT2 (includes EG:100126133)	palmitoyl-protein thioesterase 2
-17.2	59375_at	D	MYO15B	myosin XVb pseudogene
-17.3	236972_at		TRIM63	tripartite motif containing 63, E3 ubiquitin protein ligase
-17.3	227526_at	D	CDON	Cdon homolog (mouse)
-17.3	1559840_s_at	D	TBX18	T-box 18
-17.3	202575_at		CRABP2	cellular retinoic acid binding protein 2
-17.3	222072_at		XPNPEP1	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble
-17.4	214676_x_at	D	MUC3A	mucin 3A, cell surface associated
-17.4	211573_x_at	D	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
-17.5	220951_s_at		A1CF	APOBEC1 complementation factor
-17.6	240873_x_at		DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)
-17.6	223393_s_at		TSHZ3	teashirt zinc finger homeobox 3
-17.7	206793_at		PNMT	phenylethanolamine N-methyltransferase
-17.7	219955_at	D	L1TD1	LINE-1 type transposase domain containing 1
-17.8	220043_s_at	D	MF12	antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5
-17.9	206894_at		APOA4	apolipoprotein A-IV
-18.0	207230_at	D	CDON	Cdon homolog (mouse)
-18.2	212488_at	D	COL5A1	collagen, type V, alpha 1
-18.2	228083_at		CACNA2D4	calcium channel, voltage-dependent, alpha 2/delta subunit 4
-18.2	214591_at		KLHL4	kelch-like 4 (Drosophila)
-18.3	227629_at	D	PRLR	prolactin receptor
-18.4	206156_at		GJB5	gap junction protein, beta 5, 31.1kDa
-18.4	236144_at	D	CPXM2	carboxypeptidase X (M14 family), member 2
-18.4	213992_at	D	COL4A6	collagen, type IV, alpha 6
-18.5	217073_x_at	D	APOA1	apolipoprotein A-I
-18.5	221163_s_at		MLXIPL	MLX interacting protein-like
-18.6	204315_s_at	D	GTSE1	G-2 and S-phase expressed 1
-18.6	229116_at		CNKSR2	connector enhancer of kinase suppressor of Ras 2
-18.9	1555923_a_at	D	C10orf114	chromosome 10 open reading frame 114
-19.2	206353_at		COX6A2	cytochrome c oxidase subunit VIa polypeptide 2
-19.3	219934_s_at	D	SULT1E1	sulfotransferase family 1E, estrogen-preferring, member 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-19.4	204044_at	D	QPRT	quinolinate phosphoribosyltransferase
-19.5	228036_s_at	D	FBXO2	F-box protein 2
-19.5	213849_s_at		PPP2R2B	protein phosphatase 2, regulatory subunit B, beta
-19.5	1555175_a_at	D	PBLD	phenazine biosynthesis-like protein domain containing
-19.7	220014_at	D	PRR16	proline rich 16
-19.7	229377_at		GRTP1	growth hormone regulated TBC protein 1
-20.0	206715_at	D	TFEC	transcription factor EC
-20.0	205990_s_at	D	WNT5A	wingless-type MMTV integration site family, member 5A
-20.2	214719_at		SLC46A3	solute carrier family 46, member 3
-20.2	211003_x_at	D	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
-20.4	229088_at	D	ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1
-20.5	231841_s_at	D	KIAA1462	KIAA1462
-20.5	221436_s_at		CDCA3	cell division cycle associated 3
-20.6	214065_s_at	D	CIB2	calcium and integrin binding family member 2
-21.2	233979_s_at	D	ESPN	espin
-21.3	230318_at	D	SERPINA1	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
-21.8	214505_s_at	D	FHL1 (includes EG:14199)	four and a half LIM domains 1
-21.8	214832_at	D	HNF4A	hepatocyte nuclear factor 4, alpha
-21.8	210938_at		PDX1 (includes EG:18609)	pancreatic and duodenal homeobox 1
-21.9	225681_at		CTHRC1	collagen triple helix repeat containing 1
-22.0	208450_at		LGALS2	lectin, galactoside-binding, soluble, 2
-22.1	238095_at	D	GATA5	GATA binding protein 5
-22.2	1554776_at	D	ZFP42	zinc finger protein 42 homolog (mouse)
-22.2	212489_at	D	COL5A1	collagen, type V, alpha 1
-22.2	206484_s_at	D	XPNPEP2	X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound
-22.4	229901_at		ZNF488	zinc finger protein 488
-22.6	237810_at	D	CLDN6	claudin 6
-22.7	228207_at		LOC100499489	uncharacterized LOC100499489
-23.1	214142_at		ZG16	zymogen granule protein 16 homolog (rat)
-23.3	214357_at		C1orf105	chromosome 1 open reading frame 105
-23.5	1554768_a_at		MAD2L1	MAD2 mitotic arrest deficient-like 1 (yeast)
-23.6	220639_at		TM4SF20	transmembrane 4 L six family member 20
-23.6	216986_s_at		IRF4	interferon regulatory factor 4
-23.7	212226_s_at	D	PPAP2B	phosphatidic acid phosphatase type 2B
-23.8	229310_at		KLHL29	kelch-like 29 (Drosophila)
-24.3	221648_s_at		AGMAT	agmatine ureohydrolase (agmatinase)
-24.6	241386_at		LOC100506691	uncharacterized LOC100506691
-24.7	205008_s_at	D	CIB2	calcium and integrin binding family member 2
-24.8	222086_s_at	D	WNT6	wingless-type MMTV integration site family, member 6
-25.3	227736_at	D	C10orf99	chromosome 10 open reading frame 99
-25.3	1255_g_at	D	GUCA1A	guanylate cyclase activator 1A (retina)
-25.6	205657_at		HAAO	3-hydroxyanthranilate 3,4-dioxygenase

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-25.7	207876_s_at		FLNC	filamin C, gamma
-26.1	1552619_a_at	D	ANLN	anillin, actin binding protein
-26.2	207220_at		ART4	ADP-ribosyltransferase 4 (Dombrock blood group)
-26.2	220138_at		HAND1	heart and neural crest derivatives expressed 1
-26.3	214347_s_at	D	DDC	dopa decarboxylase (aromatic L-amino acid decarboxylase)
-26.4	238422_at		LOC151534	uncharacterized LOC151534
-26.5	204534_at		VTN	vitronectin
-26.6	201506_at		TGFB1	transforming growth factor, beta-induced, 68kDa
-26.9	220421_at		BTNL8	butyrophilin-like 8
-27.1	205007_s_at	D	CIB2	calcium and integrin binding family member 2
-27.2	222379_at	D	KCNE4	potassium voltage-gated channel, Isk-related family, member 4
-28.0	202833_s_at	D	SERPINA1	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
-28.2	235334_at		ST6GALNAC3	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3
-28.3	1561880_a_at		SIGLEC16	sialic acid binding Ig-like lectin 16 (gene/pseudogene)
-28.5	210298_x_at	D	FHL1 (includes EG:14199)	four and a half LIM domains 1
-28.9	206149_at		CHP2	calcineurin B homologous protein 2
-29.1	211890_x_at	D	CAPN3	calpain 3, (p94)
-29.2	230716_at	D	LOC100507203	uncharacterized LOC100507203
-29.9	219047_s_at		ZNF668	zinc finger protein 668
-30.1	221605_s_at		PIPOX	pipecolic acid oxidase
-30.9	209560_s_at		DLK1	delta-like 1 homolog (Drosophila)
-31.2	218687_s_at	D	MUC13	mucin 13, cell surface associated
-31.4	212358_at		CLIP3	CAP-GLY domain containing linker protein 3
-31.5	206535_at		SLC2A2	solute carrier family 2 (facilitated glucose transporter), member 2
-31.7	1554524_a_at		OLFM3	olfactomedin 3
-32.0	207203_s_at		NR112	nuclear receptor subfamily 1, group I, member 2
-32.3	228975_at		SP6	Sp6 transcription factor
-32.5	225973_at		TAP2	transporter 2, ATP-binding cassette, subfamily B (MDR/TAP)
-32.7	231562_at	D	APOC2	apolipoprotein C-II
-32.9	235383_at	D	MYO7B	myosin VIIB
-33.5	243267_x_at	D	EFNA2	ephrin-A2
-33.5	1565728_at		LOC284630	uncharacterized LOC284630
-33.7	201540_at	D	FHL1 (includes EG:14199)	four and a half LIM domains 1
-34.2	214475_x_at	D	CAPN3	calpain 3, (p94)
-34.6	208025_s_at		HMGA2	high mobility group AT-hook 2
-35.0	209847_at		CDH17	cadherin 17, LI cadherin (liver-intestine)
-35.0	227609_at	D	EPST11	epithelial stromal interaction 1 (breast)
-35.6	226084_at	D	MAP1B	microtubule-associated protein 1B
-35.8	220074_at	D	CDHR5	cadherin-related family member 5

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-35.9	211071_s_at		MLLT11	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11
-36.1	229777_at		CLRN3	clarin 3
-36.9	205506_at	D	VIL1	villin 1
-37.0	228399_at		OSR1	odd-skipped related 1 (Drosophila)
-37.4	225013_at	D	LZTS2	leucine zipper, putative tumor suppressor 2
-37.6	208373_s_at		P2RY6	pyrimidineric receptor P2Y, G-protein coupled, 6
-37.9	236548_at	D	GIPC2	GIPC PDZ domain containing family, member 2
-38.1	1569225_a_at	D	SCML4	sex comb on midleg-like 4 (Drosophila)
-38.1	1556472_s_at	D	SCML4	sex comb on midleg-like 4 (Drosophila)
-38.3	232707_at		ISX	intestine-specific homeobox
-39.1	234329_at		CLIC5	chloride intracellular channel 5
-39.1	1566324_a_at	D	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)
-39.6	1554593_s_at	D	SLC1A6	solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6
-39.8	220812_s_at	D	HHLA2	HERV-H LTR-associating 2
-40.3	229473_at		MAMDC4	MAM domain containing 4
-40.4	227006_at		PPP1R14A	protein phosphatase 1, regulatory (inhibitor) subunit 14A
-40.6	207214_at		SPINK4	serine peptidase inhibitor, Kazal type 4
-40.9	204272_at		LGALS4	lectin, galactoside-binding, soluble, 4
-41.5	231694_at	D	APOA1	apolipoprotein A-I
-43.9	230418_s_at		GALNTL1	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase-like 1
-44.3	219306_at		KIF15	kinesin family member 15
-44.4	222943_at		GBA3	glucosidase, beta, acid 3 (cytosolic)
-44.4	205517_at	D	GATA4	GATA binding protein 4
-44.5	216238_s_at	D	FGB (includes EG:110135)	fibrinogen beta chain
-44.8	202947_s_at		GYPC	glycophorin C (Gerbich blood group)
-44.8	206430_at		CDX1	caudal type homeobox 1
-46.0	207259_at		LINC00483	long intergenic non-protein coding RNA 483
-46.6	206741_at		C3orf32	chromosome 3 open reading frame 32
-46.6	202888_s_at		ANPEP	alanyl (membrane) aminopeptidase
-46.7	231798_at		NOG	noggin
-47.5	209596_at		MXRA5	matrix-remodelling associated 5
-48.4	206391_at		RARRES1	retinoic acid receptor responder (tazarotene induced) 1
-48.7	206882_at	D	SLC1A6	solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6
-49.2	205910_s_at	D	CEL	carboxyl ester lipase (bile salt-stimulated lipase)
-49.7	219970_at	D	GIPC2	GIPC PDZ domain containing family, member 2
-49.7	228329_at	D	DAB1	disabled homolog 1 (Drosophila)
-49.8	205666_at		FMO1 (includes EG:14261)	flavin containing monooxygenase 1
-50.4	227055_at		METTL7B	methyltransferase like 7B
-50.6	205900_at		KRT1	keratin 1

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-51.8	1554375_a_at		NR1H4	nuclear receptor subfamily 1, group H, member 4
-52.6	210292_s_at		PCDH11X/PCDH11Y	protocadherin 11 Y-linked
-52.9	206077_at		KEL	Kell blood group, metallo-endopeptidase
-52.9	224209_s_at		GDA	guanine deaminase
-54.4	204588_s_at		SLC7A7	solute carrier family 7 (amino acid transporter light chain, y+L system), member 7
-54.8	1554867_a_at	D	PRR16	proline rich 16
-55.5	219404_at		EPS8L3	EPS8-like 3
-55.7	1553131_a_at	D	GATA4	GATA binding protein 4
-57.1	1553970_s_at	D	CEL	carboxyl ester lipase (bile salt-stimulated lipase)
-58.4	232428_at		MOGAT2	monoacylglycerol O-acyltransferase 2
-59.4	238177_at	D	SLC6A19	solute carrier family 6 (neutral amino acid transporter), member 19
-60.0	232383_at	D	TFEC	transcription factor EC
-63.1	224374_s_at	D	EMILIN2	elastin microfibril interfacier 2
-64.9	210299_s_at	D	FHL1 (includes EG:14199)	four and a half LIM domains 1
-65.1	206387_at		CDX2	caudal type homeobox 2
-68.2	205137_x_at	D	USH1C	Usher syndrome 1C (autosomal recessive, severe)
-70.7	207412_x_at		CELP	carboxyl ester lipase pseudogene
-71.2	243556_at	D	NGEF	neuronal guanine nucleotide exchange factor
-71.5	206664_at		SI	sucrase-isomaltase (alpha-glucosidase)
-71.6	223549_s_at	D	ESPN	espin
-71.8	233604_at		FLJ22763	uncharacterized LOC401081
-76.0	204694_at		AFP	alpha-fetoprotein
-76.1	223447_at		REG4	regenerating islet-derived family, member 4
-78.3	205719_s_at		PAH	phenylalanine hydroxylase
-83.3	210451_at	D	PKLR	pyruvate kinase, liver and RBC
-87.4	228912_at	D	VIL1	villin 1
-88.7	230914_at	D	HNF4A	hepatocyte nuclear factor 4, alpha
-94.0	212962_at	D	SYDE1	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)
-95.0	206260_at		TGM4	transglutaminase 4 (prostate)
-98.3	212942_s_at		KIAA1199	KIAA1199
-99.4	204920_at	D	CPS1	carbamoyl-phosphate synthase 1, mitochondrial
-100.0	218345_at		TMEM176A	transmembrane protein 176A
-102.1	220376_at		LRRC19	leucine rich repeat containing 19
-105.5	217564_s_at	D	CPS1	carbamoyl-phosphate synthase 1, mitochondrial
-108.0	205108_s_at	D	APOB	apolipoprotein B (including Aq(x) antigen)
-108.3	207858_s_at	D	PKLR	pyruvate kinase, liver and RBC
-110.0	207456_at		HNF4G	hepatocyte nuclear factor 4, gamma
-113.5	205311_at	D	DDC	dopa decarboxylase (aromatic L-amino acid decarboxylase)
-114.7	1554592_a_at	D	SLC1A6	solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6
-117.3	211184_s_at	D	USH1C	Usher syndrome 1C (autosomal recessive, severe)
-121.2	205675_at		MTTP	microsomal triglyceride transfer protein

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

© Copyright 2013 American College of Obstetricians and Gynecologists.

-123.8	230481_at	D	ACY3	aspartoacylase (aminocyclase) 3
-128.3	223579_s_at	D	APOB	apolipoprotein B (including Ag(x) antigen)
-128.5	206000_at		MEP1A	meprin A, alpha (PABA peptide hydrolase)
-133.6	206143_at		SLC26A3	solute carrier family 26, member 3
-134.3	205046_at		CENPE	centromere protein E, 312kDa
-136.0	219465_at	D	APOA2	apolipoprotein A-II
-152.7	207200_at		OTC	ornithine carbamoyltransferase
-153.2	207570_at		SHOX	short stature homeobox
-154.9	1561951_at	D	SLC5A12	solute carrier family 5 (sodium/glucose cotransporter), member 12
-157.3	209660_at		TTR	transthyretin
-163.4	231561_s_at	D	APOC2	apolipoprotein C-II
-163.9	206292_s_at	D	SULT2A1	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
-169.7	231693_at	D	FABP1	fatty acid binding protein 1, liver
-201.9	206988_at		CCL25	chemokine (C-C motif) ligand 25
-206.3	204561_x_at	D	APOC2	apolipoprotein C-II
-237.0	222712_s_at	D	MUC13	mucin 13, cell surface associated
-288.2	231587_at	D	APOC3	apolipoprotein C-III
-298.2	220611_at	D	DAB1	disabled homolog 1 (Drosophila)
-304.8	220075_s_at	D	CDHR5	cadherin-related family member 5
-354.5	206293_at	D	SULT2A1	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
-405.4	236981_at		C17orf99	chromosome 17 open reading frame 99
-411.9	208323_s_at		ANXA13	annexin A13
-461.0	219466_s_at	D	APOA2	apolipoprotein A-II
-653.6	205892_s_at	D	FABP1	fatty acid binding protein 1, liver
-754.7	205820_s_at	D	APOC3	apolipoprotein C-III
-1215.2	231734_at		RBP2	retinol binding protein 2, cellular

Type of file: table

Label: 3

Filename: AOG203121-13-31R1 Appendix 4 (3-22-13v1) clean.pdf

Appendix 4. IPA Core Analysis Results: Physiological Systems Enriched in Term Amniotic Fluid

Category	# total genes	Functions Annotation	BH p-Value	# Genes	Molecules
Immune Cell Trafficking	72	cell movement of neutrophils	0.001	31	AGER, BPIFA1, C3, CD36, CD44, CD74, CFTR, CNN2, CSF1, CXADR, CXCL2, DEFB1, FOXA2, GJB2, IL1B, IL33, IL6R, IL6ST, IL8, MMP7, NCF1, PLG, PTGER3, PTGS2, SLPI, SMAD3, TGFB2, TLR2, UNC5B
		cell movement of antigen presenting cells	0.005	30	ABCC1, AGER, C3, CCDC88A, CCL22, CD209, CD44, CD74, CNN2, CXCL14, CXCL17, DEFB1, DMBT1, EDNRB, IL1B, IL8, LDLR, LRRK2, MIF, PIGR, PLG, PTGS2, SFTPD, SMAD3, STC1, TLR2, VEGFA
		activation of antigen presenting cells	0.008	23	AGER, C3, CCL22, CD209, CD74, CHI3L1, CSF1, FOXA2, HLA-DMA, HLA-DQA1, HLA-DQB1, IL1B, IL33, IL8, KNG1, PLG, PTGER3, PTGS2, RORA, SLPI, VEGFA
		leukocyte migration	0.012	62	ABCC1, AGER, BPIFA1, C3, CCDC88A, CCL22, CD209, CD36, CD44, CHI3L1, CNN2, COL4A1, COL4A3, CSF1, CXADR, CXCL14, CXCL17, CXCL2, CYSLTR1, DEFB1, DMBT1, EDNRB, ESAM, FOXA2, GJB2, HOXA7, IL1B, IL6ST, IL8, ITGA3, ITGA9, KITLG, KNG1, LDLR, LRRK2, MMP28, MMP7, NFIC, NFKBIZ, NQO1, PIGR, PLG, PRF1, PTGER3, PTGS2, RORC, SCGE1, SFTPD, SLPI, SMAD3, STC1, TGFB2, TLR2, UNC5B, VDR, VEGFA
		recruitment of antigen presenting cells	0.015	13	CCL22, CD36, CD44, CNN2, CSF1, FOXA2, IL1B, IL8, MMP28, NFIC, PIGR
		influx of neutrophils	0.017	8	CD44, CXCL2, IL6R, IRAK3, LCN2, SFTPD, SMAD3, TLR2
		migration of antigen presenting cells	0.018	17	ABCC1, C3, CCL22, CD209, CD44, CD74, CNN2, CSF1, CXCL17, DEFB1, IL1B, IL8, PIGR, PLG, TLR2, VEGFA
		recruitment of phagocytes	0.022	20	CCL22, CD36, CD44, CHI3L1, CNN2, CSF1, CXCL2, FOXA2, IL1B, IL33, MMP28, MUC1, NFIC, PLG, SLPI, SMAD3, TLR2, VDR

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

		activation of granulocytes	0.039	12	AGER, C3, CCL22, CEACAM6, IL1B, IL33, IL8, KITLG, LCN2, PRG2, RA
		adhesion of blood-derived mast cells	0.046	2	IL1B, IL33
Digestive System Development and Function	51	morphology of intestine	0.001	25	ABCC4, APC, C3, CD36, CFTR, FGFR2, FOLR1, HSD11B2, IL6ST, IRAK3, MGLL, NFIX, PIGR, PLG, PPARGC1A, PTGS2, RORC, SLC12A2, SLC4A4, TFF1, TFF2, TGFB2, VDR
		morphology of digestive system	0.012	46	ABCC4, ANTXR1, APC, BHMT, C3, CD36, CFTR, CP, CSF1, FGFR2, FST, HSD11B2, IL6ST, IRAK3, ITGA3, LAMA3, LDLR, LRP6, MGLL, NFIX, NQO1, OSMR, PAX9, PIGR, PLG, PPARGC1A, PTGS2, RASGRF1, RUNX2, SIM2, SLC12A2, SLC4A4, SMAD3, SOD2, SPDEF, TFF1, TFF2, VDR, VEGFA
		secretion of saliva	0.023	5	AQP1, AQP5, C3, CHRM3, ITPR2
		morphology of colon	0.030	7	CFTR, MGLL, PLG, PTGS2, RORC, SLC12A2, VDR
		tooth development	0.041	11	ANTXR1, BMP2, CSF1, FGFR2, FST, LRP6, NFIC, PAX9, PLG, RUNX2, S
Hematopoiesis	23	colony formation of myeloid cells	0.003	10	CDA, CSF1, HOXA10, HOXA9, IL1B, IL6R, IL6ST, KITLG, MECOM, MLL
		colony formation of leukocytes	0.003	11	CDA, CSF1, HOXA10, HOXA9, IL1B, IL6R, IL6ST, KITLG, MECOM, MITF
		colony formation of colony forming multilineage cells	0.011	4	HOXA10, HOXA9, KITLG, MLL
		lymphopoiesis of bone marrow cells	0.011	4	CD44, FST, KITLG, LFNG
		colony formation of phagocytes	0.019	7	CDA, CSF1, HOXA10, HOXA9, KITLG, MITF, MLL
		colony formation of myeloid progenitor cells	0.028	5	CSF1, HOXA9, KITLG, MECOM, MLL
		hematopoiesis of bone marrow cells	0.028	6	CD44, FST, IL6R, IL6ST, KITLG, LFNG
		colony formation of hematopoietic progenitor cells	0.031	10	CDA, CSF1, HOXA10, HOXA9, IL6R, IL6ST, KITLG, MECOM, MLL, VEGF
		hematopoiesis of lymphatic system component	0.033	8	CD44, CSF1, EAF2, FST, IL6R, IL6ST, KITLG, LFNG

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

		differentiation of bone marrow cells	0.037	16	BMP2, C3, CD44, CSF1, FGFR2, FST, IL33, IL6R, IL6ST, KITLG, LFNG, RUNX2, SMAD3, VDR, VEGFA
		lymphopoiesis of long-term bone marrow culture cells	0.046	2	CD44, FST
		colony formation of macrophages	0.048	5	CSF1, HOXA10, HOXA9, KITLG, MLL
Cardiovascular System Development and Function	39	proliferation of endothelial cells	0.003	28	AGER, ARHGAP24, BMP2, C3, CD36, CD44, COL4A1, COL4A3, CSF1, EDNRB, FGFR2, FZD5, HAS3, IL1B, IL8, KNG1, MGP, NRP2, PLG, PLXNA4, PTPRM, RICTOR, RUNX2, SLC8A1, TGFB2, VEGFA
		endothelial cell development	0.005	30	AGER, ARHGAP24, BMP2, C3, CD36, CD44, COL4A1, COL4A3, CSF1, EDNRB, FGFR2, FZD5, HAS3, IL1B, IL8, KNG1, MGP, NRP2, PLG, PLXNA4, PTPRM, RICTOR, RUNX2, SLC8A1, STC1, TGFB2, VEGFA
		development of cardiovascular tissue	0.015	31	AGER, ARHGAP24, BMP2, C3, CD36, CD44, COL4A1, COL4A3, CSF1, EDNRB, FGFR2, FZD5, HAS3, IL1B, IL8, KNG1, MGP, NRP2, PLG, PLXNA4, PTPRM, RICTOR, RUNX2, SLC8A1, STC1, TGFB2, TTN, VEGFA
		angiogenesis of lesion	0.016	4	HOXD3, KITLG, PLG, VEGFA
		activation of endothelial cells	0.028	9	C3, CSF1, HBEGF, IL1B, IL33, IL6R, RUNX2, TLR2, VEGFA
		activation of vascular endothelial cells	0.028	6	CSF1, HBEGF, IL1B, RUNX2, TLR2, VEGFA
		proliferation of microvascular endothelial cells	0.028	5	AGER, C3, IL1B, IL8, VEGFA
		binding of blood vessel	0.031	4	CD44, CXCL2, IL1B, IL8
		binding of endothelial cells	0.039	12	AGER, C3, CD44, HAS3, IL1B, IL8, ITGA3, KITLG, KNG1, PIGR, PLG, VEGFA
		binding of microvessel	0.041	3	CXCL2, IL1B, IL8
Hematological System Development and Function	23	colony formation of erythroid cell lines	0.003	6	HOXA10, HOXA9, IL6R, IL6ST, KITLG, MLL
		quantity of macrophages	0.028	17	ABCA1, BIRC3, CCL22, CNN2, CSF1, CXCL14, HBEGF, IL1B, IL33, LCN2, PDGFC, PLG, PRF1, SFTPD, VDR, VEGFA
		cell viability of blood-derived mast cells	0.041	3	IL1B, IL33, KITLG

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Tissue Development	72	development of epithelial tissue	0.003	40	ABCA3, AGER, ARHGAP24, BMP2, C3, CD36, CD44, COL4A1, COL4A3, CSF1, CXCL2, ECM1, EDNRB, EPB41L5, FGFR2, FZD5, GJB2, HAS3, HYAL1, IL8, KITLG, KNG1, LAMA3, MGP, MITF, NRP2, PLG, PLXNA4, PTGS2, PIP2, RICTOR, RUNX2, SLC8A1, SOX10, STC1, TGFB2, VEGFA, WT1
		inflammation of mucosa	0.019	3	ABCC1, PTGS2, SMAD3
		development of membrane tissue	0.028	5	BMP2, IL1B, LRP6, MECOM, SMAD3
		development of melanocytes	0.028	3	KITLG, MITF, SOX10
		development of connective tissue	0.033	23	AGER, BMP2, CSF1, ETV1, HBEGF, HOXA10, HOXD3, IL6R, IL6ST, INS, LAMA3, LPIN1, LRP6, MECOM, NOV, PTGS2, RUNX2, SMAD3, SOX5, TGFBI, VEGFA
		formation of epithelial tissue	0.033	11	ARHGAP24, CD44, COL4A1, COL4A3, COL4A4, IL8, KNG1, RUNX2, SLIT1, WT1
		formation of connective tissue	0.041	6	BMP2, FST, PLG, SOX5, VEGFA, WT1
		adhesion of epithelial cells	0.046	11	C3, HBEGF, ITGA3, KLK6, LAMA3, MUC1, NOV, PIGR, SFTPD, SLPI, SCN5A
Hair and Skin Development and Function	23	adhesion of mesothelial cells	0.046	2	HBEGF, ITGA3
		morphogenesis of hair follicle	0.004	8	FGFR2, FOXQ1, FST, KRT27, KRT71, PTGS2, TGFB2, TGM3
		development of epidermis	0.011	19	ALDH3A2, APC, CDSN, CST6, FGFR2, FLG, FOXQ1, FST, KLK5, KLK7, KRT71, LAMA3, PTGS2, STS, TGFB2, TGM3, VDR, VEGFA
		skin development	0.024	23	ALDH3A2, APC, ASPRV1, CDSN, CST6, DHCR24, FGFR2, FLG, FOXQ1, KLK7, KRT27, KRT71, LAMA3, PTGS2, SMAD3, SPINK5, STS, TGFB2, TGM3, VEGFA
		development of hair	0.031	4	FGFR2, FST, SPINK5, VDR
Embryonic Development	7	epithelialization of wound	0.046	2	SMAD3, VEGFA
		invasion of embryonic cells	0.007	5	FST, IL8, MUC1, RUNX2, SCGB1A1
		invasion of trophoblast cells	0.028	4	FST, IL8, MUC1, SCGB1A1
Organismal Development	87	migration of melanoblasts	0.046	2	EDNRB, KITLG
		patterning of rostrocaudal axis	0.010	14	APC, EMX2, FOXA2, HOXA10, HOXA11, HOXA7, HOXA9, HOXB8, HOXD8, HOXD9, HOXD8, LRP6, MLL, PAX6

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

		development of body axis	0.018	49	ALDH1A3, ANTXR1, APC, AQP1, AQP5, BMP2, COL4A3, CP, CSF1, CXCR4, FGFR2, FOXA2, FST, FZD5, HESX1, HIP1, HOXA10, HOXA11, HOXA7, HOXB8, HOXD3, HOXD4, HOXD8, IL8, IRX3, IRX5, ITGA3, KNG1, LAMC1, LRP6, MAPT, MITF, MLL, NFIC, NFKBIZ, PAX6, PAX9, PLG, PLXNA4, RUC1, SOD2, SP5, TGFB2, VEGFA, WT1
		growth of organism	0.033	37	ABCA1, ABCC1, ACACA, ALOX15B, AQP1, AQP5, BMP2, BPIFA1, CALB1, COL4A1, CSF1, DEFB1, FGFR2, FOXA2, GRB10, HBEGF, HHIP, HIP1, HIF1A, IL1B, ITPR2, PLG, SCNN1A, SFTPD, SLC12A2, SLC34A2, SLC8A1, SMA5, SS18, STC1, SYNJ1, TF, TMPRSS2, VDR, VEGFA
		morphogenesis of embryonic tissue	0.038	14	ALDH1A3, BMP2, CAT, CD44, EPB41L5, HOXA11, IRX3, IRX5, NTN4, SMAD3, TGFB2, WT1
		development of bone marrow cells	0.041	10	CD44, CSF1, FST, HOXA10, IL6R, IL6ST, KITLG, LFNG, NQO1, SMAD3
Renal and Urological System Development and Function	35	morphology of kidney	0.018	22	ABCA1, CD36, COL4A3, EHD3, EMX2, FGFR2, HOXA11, HSD11B2, ITGA3, NFIA, PLG, PTGS2, SALL1, SCGB1A1, SCNN1B, SIX1, SLC12A1, SLC12A2, TNS1, WT1
		kidney development	0.028	23	AGER, ALDH1A3, APC, BMP2, CAT, CD44, COL4A3, COL4A4, CSF1, CXCR4, FGFR2, HBEGF, HOXA11, LCN2, LRRK2, PTGS2, SALL1, SIX1, SLC12A1, VEGFA, WT1
		development of glomerular basement membrane	0.041	3	COL4A3, COL4A4, WT1
Organ Morphology	34	involution	0.019	8	CD44, CEBPD, CFTR, LCN2, PLG, PTGS2, SMAD3, VDR
		morphology of gland	0.038	28	ABCA1, AKAP12, ALDH1A3, ARNT2, AVPR1A, CFTR, EAF2, EMX2, FGFR2, HESX1, HOXA10, HOXD3, ITPR2, LDLR, NKX2-1, NKX3-1, PLG, RASGEF1B, SMAD3, SPDEF, TFPC2L1, TGFB2, TLR2, VDR, VEGFA, WT1
		destruction of lung	0.046	2	CSF1, SFTPD
Reproductive System	43	whole-cell conductance of oocytes	0.019	3	CFTR, SCNN1A, SCNN1B

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Development and Function		morphology of reproductive system	0.028	40	ABCA1, ACSL4, AKAP12, ANTXR1, AQP1, C3, CABLES1, CD44, CFTR, EAF2, EMX2, ETV5, FGFR2, GAL, GJB2, GRB10, HIP1, HOXA10, HOXA11, LIFR, LRP6, MNS1, NKX2-1, NKX3-1, NUPR1, PLG, PTGS2, RHCG, RICE1, SLC12A2, SLC34A2, SLC8A1, SS18, STC1, TGFB2, VDR, WT1
		morphology of genital organ	0.039	30	ABCA1, ACSL4, AKAP12, ANTXR1, AQP1, CABLES1, CD44, CFTR, EAF2, ETV5, GAL, HIP1, HOXA10, HOXA11, LFNG, LRP6, MNS1, NKX2-1, NKX3-1, PLG, PTGS2, RHCG, ROS1, SLC12A2, STC1, TGFB2, VDR, WT1
		involution of uterus	0.046	2	CD44, LCN2
Connective Tissue Development and Function	26	adipogenesis	0.019	13	ACACA, BMP2, C3, CEBPD, FGFR2, GRB10, LPIN1, NR4A2, PDK4, PLG, THRSP, VDR
		induction of connective tissue cells	0.041	3	BMP2, IL1B, RUNX2
		mineralization of fibroblast cell lines	0.041	3	BMP2, ESRRG, SMAD3
		differentiation of adipocytes	0.042	17	BMP2, CEBPD, ERO1L, FOXA2, IL1B, INSIG1, LPIN1, LRP6, MECOM, PDK4, RUNX2, SCD, SELENBP1, SMAD3, SOD2, VDR, WIF1
Skeletal and Muscular System Development and Function	56	mineralization of osteoblasts	0.019	6	BMP2, FST, HOXA10, MGP, PTGS2, RUNX2
		quantity of myofiber	0.023	5	FST, PPARGC1A, PRSS12, SIX1, VEGFA
		development of vertebral column	0.024	8	HIP1, HOXB8, HOXD8, LFNG, NFIX, PDGFC, SOX5, TGFB2
		fusion of bone	0.028	11	FGFR2, HOXA11, HOXA7, HOXA9, HOXD4, LFNG, MLL, NOV, PDGFC, SLC12A2
		colony formation of osteoclast precursor cells	0.031	4	HOXA10, HOXA9, KITLG, MLL
		quantity of vertebrae	0.034	6	FST, HOXA10, HOXA11, HOXA9, LFNG, PAX9
		differentiation of osteoclasts	0.040	16	APC, BMP2, C3, CSF1, IL33, IL6ST, IL8, IRAK3, MITF, PDK4, PTGS2, RICE1, SMAD3, TF, TLR2, VEGFA
		synthesis of cartilage matrix	0.040	4	BMP2, IL1B, STC1, TLR2
angiogenesis of bone	0.041	3	BMP2, TGFB2, VEGFA		

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

		morphology of skeletal system	0.049	37	ANTXR1, CALB1, CSF1, EMX2, EYA4, FGFR2, FOXA2, HOXA10, HOXA11, HOXB8, HOXD3, HOXD4, IL6ST, IRAK3, ITGA3, LFNG, LIFR, MGP, MLL, NKX2-1, NOV, PAX9, PDK4, RIMS1, RUNX2, SALL1, SIM2, SIX1, SLC4A1, SOX5, TGFB2, VDR, VEGFA
Nervous System Development and Function	24	development of diencephalon	0.026	6	ARNT2, LRP6, NCOR1, NRP2, PAX6, SIM2
		excitation of neurons	0.028	8	CCL22, GAL, HSD11B2, IL1B, KNG1, LCN2, PPP1R1B, SLC12A2
		development of pallium	0.041	3	EMX1, EMX2, PAX6
		quantity of synaptic vesicles	0.041	6	ABCA1, FGFR2, KIF1B, MAP6, RIMS1, UNC13B
		extension of parallel fiber	0.046	2	NFIA, NFIX
Tissue Morphology	112	abnormal morphology of membrane tissue	0.033	16	ABCC4, BIRC3, CD36, CFTR, CXADR, IL6ST, LDLR, MECOM, PTGS2, SLC8A1, SMAD3, SPDEF, TFF1, TFF2, VDR
		quantity of stem cells	0.038	7	CSF1, EDNRB, IL6ST, IL8, IRX3, KITLG, VEGFA
		permeability of epithelial tissue	0.040	4	AQP1, IL1B, IL8, VEGFA
		diameter of tumor tissue	0.046	2	APC, MMP7
		healing of wound	0.046	16	AQP1, CD44, CNN2, FST, HBEGF, HOXD3, IL6R, MMP7, PLG, PTGS2, SMAD3, TFF1, TGFB2, VEGFA
		quantity of cells	0.046	103	ABCA1, AGER, AQP1, AVPR1A, BIRC3, BMP2, C3, CALB1, CAT, CCL22, CD74, CFTR, CHI3L1, CNN2, COL4A3, CP, CSF1, CXCL14, CXCL2, DOT1L, EMX2, FGFR2, FST, GAL, GJB6, HBEGF, HESX1, HIP1, HIVEP3, HLA-DQA1, HLA-DQB1, HLA-DRB1, HOXA10, HOXA9, HSD11B2, IGFBP7, IL13, IL33, IL5RA, IL6R, IL6ST, IL8, IRAK3, IRX3, KIF1B, KITLG, KNG1, LAMC1, LDLR, LFNG, LIFR, MAPT, MECOM, MLL, MMP7, MUC1, NCOR1, NFIA, NKX3-1, NQO1, NR4A2, NRP2, PAX6, PDCD6, PDGFC, PDK4, PIGR, PIP2, PPARGC1A, PRF1, PRSS12, PTGS2, PTPN13, RASGRF1, RIMS1, RORC, SFTPD, SIX1, SLC12A2, SLC4A4, SLC8A1, SLC01A2, SMAD3, SOD2, STC1, TEC, TF, TFF2, TGFB2, TLR2, VDR, VEGFA, WT1
Lymphoid Tissue Structure and Development	20	lack of thymus gland	0.041	3	HOXD3, SIX1, VEGFA
		proliferation of lymphatic system cells	0.046	18	BMP2, CD44, CHI3L1, CSF1, CYSLTR1, EDNRB, FGFR2, HOXA10, HOXD3, KITLG, PRF1, SMAD3, TGFB2, TLR2, VDR, VEGFA

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Respiratory System Development and Function	16	function of respiratory system	0.041	7	AQP1, AQP4, AQP5, CFTR, CHRM3, HAS3, TLR2
		production of alveolar epithelial lamellar bodies	0.046	2	SFTPB, VEGFA
		proliferation of lung cell lines	0.049	7	CAT, EHF, NFIX, NKX2-1, PAX9, SOD2, TGFB2

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Type of file: table

Label: 4

Filename: AOG203121-13-31R1 Appendix 5 (3-22-13v1) clean.pdf

Appendix 5.IPA: Significant Molecular and Cellular Functions in Term Amniotic Fluid Cell-Free Fetal RNA

Category	Number of genes
Carbohydrate Metabolism	41
Cellular Movement	139
Lipid Metabolism	93
Cellular Development	76
Cellular Growth and Proliferation	203
Cell-To-Cell Signaling and Interaction	71
Molecular Transport	59
Cellular Function and Maintenance	93
Cell Morphology	103
Free Radical Scavenging	34
Vitamin and Mineral Metabolism	9
Gene Expression	3

Type of file: table

Label: 5

Filename: AOG203121-13-31R1 Appendix 6 (3-22-13v1) clean.pdf

Appendix 6. IPA: Upstream Regulators Activated in Term Amniotic Fluid

Upstream Regulator	Name	Function	Fold Change	Bias-corrected z score	No. of target genes
<i>IL8</i>	interleukin 8	This chemokine is one of the major mediators of the inflammatory response. IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation.	47.5	2.2	9
<i>IL1B</i>	interleukin 1, beta	This cytokine is an important mediator of the inflammatory response. Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity.	27.6	3.9	150
<i>AGER</i>	advanced glycosylation end product-specific receptor	The receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors; implicated in homeostasis, development, and inflammation, and certain diseases	26.3	3.0	13
<i>NKX2-1</i>	NK2 homeobox 1	Transcription factor that binds and activates the promoter of thyroid specific genes such as thyroglobulin, thyroperoxidase, and thyrotropin receptor. Crucial in the maintenance of the thyroid differentiation phenotype. May play a role in lung development and surfactant homeostasis	7.7	2.1	41

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

<i>VEGFA</i>	vascular endothelial growth factor A	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels.	7.2	2.3	42
<i>C3</i>	complement component 3	Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways.	6.8	2.5	6
<i>IL6R</i>	interleukin 6 receptor	This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response.	6.5	2.1	14
<i>RUNX2</i>	runt-related transcription factor 2	Transcription factor involved in osteoblastic differentiation and skeletal morphogenesis. Essential for the maturation of osteoblasts and both intramembranous and endochondral ossification.	4.1	2.1	20
<i>CD24</i>	CD24 molecule	This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and in many B cells. Modulates B-cell activation responses.	3.7	2.7	35
<i>PRKCD</i>	protein kinase C, delta	this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types	2.9	2.6	18

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

<i>RAD21</i>	RAD21 homolog (<i>S. pombe</i>)	Cleavable component of the cohesin complex, involved in chromosome cohesion during cell cycle, in DNA repair, and in apoptosis. The cohesin complex is required for the cohesion of sister chromatids after DNA replication.	2.6	2.1	4
<i>NAMPT</i>	nicotinamide phosphoribosyltransferase	Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway. It is thought to be involved in many important biological processes, including metabolism, stress response and aging.	2.4	2.5	6
<i>BNIP3L</i>	BCL2/adenovirus E1B 19kDa interacting protein 3-like	The protein encoded by this gene is a functional homolog of BNIP3, a proapoptotic protein. Interacts with viral and cellular anti-apoptosis proteins. May function as a tumor suppressor.	2.4	2.3	12
<i>NFKB1</i>	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	NF-kappa-B is a transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis.	2.4	2.1	40

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

<i>S100A9</i>	S100 calcium binding protein A9	Calcium-binding protein. Has antimicrobial activity towards bacteria and fungi. Important for resistance to invasion by pathogenic bacteria. Up-regulates transcription of genes that are under the control of NF-kappa-B. Plays a role as a pro-inflammatory mediator in acute and chronic inflammation and up-regulates the release of IL8 and cell-surface expression of ICAM1	1.8	2.1	5
<i>SMC3</i>	structural maintenance of chromosomes 3	Central component of cohesin, a complex required for chromosome cohesion during the cell cycle.	1.7	2.2	4
<i>MAP2K3</i>	mitogen-activated protein kinase kinase 3	Activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter.	1.7	2.2	10

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Type of file: table

Label: 6

Filename: AOG203121-13-31R1 Appendix 7 (3-22-13v1) clean.pdf

Appendix 7. IPA: Upstream Regulators Activated in Second Trimester Amniotic Fluid

Upstream Regulator	Name	Function	Fold Change	Bias-corrected z score	No. of target genes
<i>HNF4A</i>	hepatocyte nuclear factor 4, alpha	Transcriptionally controlled transcription factor. Binds to DNA sites required for the transcription of alpha 1-antitrypsin, apolipoprotein CIII, transthyretin genes and HNF1-alpha. May be essential for development of the liver, kidney and intestine.	388.7	4.8	316
<i>NR1H4</i>	nuclear receptor subfamily 1, group H, member 4	This gene encodes a ligand-activated transcription factor. This protein functions as a receptor for bile acids, and when bound to bile acids, regulates the expression of genes involved in bile acid synthesis and transport.	51.8	2.4	24
<i>MYBL2</i>	v-myb myeloblastosis viral oncogene homolog (avian)-like 2	Member of the MYB family of transcription factor genes, involved in cell cycle progression, regulation of cell survival, proliferation, and differentiation.	15.6	2.3	17
<i>DIO3</i>	deiodinase, iodothyronine, type III	Catalyzes the inactivation of thyroid hormone to inactive metabolites. Regulates circulating fetal thyroid hormone concentrations throughout gestation to prevent premature exposure of developing fetal tissues to adult levels of thyroid hormones.	2.5	2.4	9
<i>GPX1</i>	glutathione peroxidase 1	Glutathione peroxidase functions in the detoxification of hydrogen peroxide, and is one of the most important antioxidant enzymes in humans. Protects the hemoglobin in erythrocytes from oxidative breakdown.	1.8	2.4	7

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

<i>CCND1</i>	cyclin D1	Cyclins function as regulators of CDK kinases. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb.	1.7	2.5	47
--------------	-----------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----	-----	----

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

Type of file: table

Label: 7

Filename: AOG203121-13-31R1 Appendix 3 (3-22-13v3) clean.pdf

Appendix 3. Top 10 Upregulated Gene Transcripts in Second Trimester Amniotic Fluid

Symbol	Gene Name	Gene Function	Tissue Specificity*	Fold Change	Benjamini-Hochberg <i>P</i>
<i>RBP2</i>	retinol binding protein 2, cellular	Intracellular transport of retinol	NA	1215.2	< 1 x 10 ⁻¹⁵
<i>APOC3</i>	apolipoprotein C-III	Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles.	Liver > 30 MoM	754.7	< 1 x 10 ⁻¹⁵
<i>FABP1</i>	fatty acid binding protein 1, liver	This gene encodes the fatty acid binding protein found in liver. FABP's roles include fatty acid uptake, transport, and metabolism	Fetal liver, adult colon, small intestine > 10 MoM	653.6	< 1 x 10 ⁻¹⁵
<i>APOA2</i>	apolipoprotein A-II	This gene encodes apolipoprotein A-II, which is the second most abundant protein of the high density lipoprotein particles.	Fetal liver, adult liver > 30 MoM	461.0	< 1 x 10 ⁻¹⁵
<i>ANXA13</i>	annexin A13	Annexins play a role in the regulation of cellular growth and in signal transduction pathways. This gene is associated with undifferentiated, proliferating endothelial cells and differentiated villus enterocytes.	Small intestine > 10 MoM	411.9	< 8.12 x 10 ⁻¹⁰
<i>SULT2A1</i>	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone preferring, member 1	Catalyzes the sulfation of steroids and bile acids in the liver and adrenal glands	Adrenal gland > 10 MoM	354.5	< 1 x 10 ⁻¹⁵
<i>CDHR5</i>	cadherin-related family member 5	Acts as a calcium-dependent cell adhesion protein	Liver > 30 MoM	304.8	< 1 x 10 ⁻¹⁵

Hui L, Wick HC, Edlow AG, Cowan JM, Bianchi DJW. Global gene expression analysis of term amniotic fluid cell-free fetal RNA. *Obstet Gynecol* 2013;121.

The authors provided this information as a supplement to their article.

<i>DABI</i>	disabled homolog 1 (Drosophila)	Adapter molecule functioning in neural development	Not organ specific	298.2	1.0×10^{-4}
<i>MUC13</i>	mucin 13, cell surface associated	Epithelial and hemopoietic transmembrane mucin that may play a role in cell signaling	Pancreas, small intestine > 10 MoM	237.0	$< 1 \times 10^{-15}$
<i>APOC2</i>	apolipoprotein C-II	Component of the very low density lipoprotein fraction in plasma; activator of several triacylglycerol lipases.	Adult liver > 30 MoM; fetal liver > 10 MoM	206.3	$< 1 \times 10^{-15}$

MoM, multiples of the median; NA, not applicable.

Gene functions obtained from public databases (UniProtKB available at www.uniprot.org and Entrez Gene available at www.ncbi.nlm.nih.gov/gene). The information has been modified from the source due to space limitations.

*Tissue specificity as mapped in the BioGPS gene expression atlas (<http://biogps.gnf.org>).