

MS# 07-PR-11-0568 - Effects of Prenatal Tobacco Exposure on Gene Expression Profiling in Umbilical Cord Tissue

Supplemental Table 1: All probes demonstrating significant differential regulation between smokers and non-smokers

Probe ID	Symbol	FDR* adj. P-Val	Ratio (Smoker vs. Non-Smoker)	Cluster ID
1564307_a_at	A2ML1	0	-2.29	1
202170_s_at	AASDHPPT	0.004	-1.51	1
243249_at	ACIN1	0.001	1.59	1
219935_at	ADAMTS5	0.001	-1.76	1
222366_at	ADNP	0.004	1.36	1
226334_s_at	AHSA2	0.002	1.37	1
215336_at	AKAP11	0.003	1.44	1
241679_at	AKAP12	0	1.79	1
235926_at	ANAPC5	0	1.66	1
215504_x_at	ANKRD10	0.001	1.38	1
229858_at	ANKRD17	0	1.55	1
238439_at	ANKRD22	0	-1.62	1
231118_at	ANKRD35	0.002	-1.34	1
210873_x_at	APOBEC3A	0	-2.78	1
1554703_at	ARHGEF10	0.001	1.57	1
240008_at	ARID1B	0	1.7	1
202206_at	ARL4C	0.003	-1.41	1
231825_x_at	ATF7IP	0.003	1.39	1
214594_x_at	ATP8B1	0.001	1.69	1
1559249_at	ATXN1	0.004	1.46	1
225612_s_at	B3GNT5	0.001	-1.48	1
1559391_s_at	B4GALT5	0.002	1.65	1
215907_at	BACH2	0.002	1.43	1
217986_s_at	BAZ1A	0.003	-1.4	1
207655_s_at	BLNK	0	-1.67	1
233036_at	BNC2	0.002	1.56	1
243431_at	BTBD14A	0	2	1
244165_at	C10orf18	0.002	1.49	1
242608_x_at	C14orf44	0.002	1.35	1
223484_at	C15orf48	0	-2.38	1
208109_s_at	C15orf5	0.001	1.47	1
228865_at	C1orf116	0	-1.78	1

219476_at	C1orf116 /// LOC653098	0	-1.98	1
220620_at	C1orf42	0	-2.68	1
209006_s_at	C1orf63	0.002	1.42	1
219450_at	C4orf19	0.003	-1.37	1
1558426_x_at	C7orf19	0.004	1.47	1
229958_at	C8orf61	0.005	-1.35	1
216769_x_at	C9orf150	0.002	1.68	1
218309_at	CAMK2N1	0.001	-1.35	1
233306_at	CAST1	0.002	1.3	1
238549_at	CBFA2T2	0.001	1.64	1
1553693_s_at	CBR4	0.004	1.6	1
208650_s_at	CD24 /// LOC647456	0	-2.29	1
232266_x_at	CDC2L5	0.001	1.59	1
239442_at	CEP68	0	1.4	1
215318_at	CG012	0.001	1.7	1
226803_at	CHMP4C	0.002	-1.64	1
217528_at	CLCA2	0.002	-1.65	1
219529_at	CLIC3	0.004	-1.59	1
238913_at	CPSF6	0.002	1.64	1
233073_at	CRIM1	0	1.93	1
235803_at	CRLF3	0	2.01	1
208069_x_at	CSH1 /// CSH2 /// CSHL1 /// GH1 /// GH2	0.001	1.73	1
214731_at	CTTNBP2NL	0	1.56	1
242440_at	CUGBP1	0	2	1
244803_at	DAP3	0	1.78	1
222859_s_at	DAPP1	0.001	-1.55	1
237290_at	DDAH1	0.002	1.67	1
238193_at	DDEF1	0	1.88	1
239311_at	DHX57	0.003	1.35	1
229949_at	DKFZP434A0131	0	1.49	1
227183_at	DKFZp586C0721	0	1.7	1
1556820_a_at	DLEAH2	0	1.89	1
242611_at	DOCK7	0.003	1.45	1
225645_at	EHF	0	-2.11	1
242550_at	EIF3S9	0	1.93	1
233912_x_at	ELMOD2	0.003	1.49	1

1556732_at	EML4	0.001	1.44	1
220161_s_at	EPB41L4B	0	-1.85	1
203780_at	EVA1	0.001	-1.48	1
202345_s_at	FABP5 /// LOC653327	0.002	-1.66	1
232628_at	FAM13A1	0.003	1.61	1
1564424_at	FAM62B	0.001	1.71	1
226062_x_at	FAM63A	0.001	1.49	1
238460_at	FAM83A	0	-1.48	1
1560813_at	FBXL7	0.001	1.6	1
205014_at	FGFBP1	0.005	-1.58	1
1570515_a_at	FILIP1	0.004	-1.59	1
244112_x_at	FLJ10159	0.001	1.66	1
1560199_x_at	FLJ11903	0.001	1.54	1
219995_s_at	FLJ13841	0	-2.3	1
235158_at	FLJ14803	0.001	-1.35	1
225325_at	FLJ20160	0	-1.57	1
220467_at	FLJ21272	0.001	1.69	1
206548_at	FLJ23556	0	2.19	1
244530_at	FLJ25422	0.001	1.48	1
236322_at	FLJ31951	0	1.84	1
1559964_at	FLJ38717	0.001	1.66	1
1553145_at	FLJ39653	0	1.61	1
244286_at	FNBP1	0.003	1.64	1
242029_at	FNDC3B	0.002	1.67	1
241993_x_at	FOXP1	0.001	1.42	1
215385_at	FTO	0.002	1.51	1
1566959_at	GAB2	0.003	1.61	1
228501_at	GALNTL2	0.004	-1.59	1
231552_at	GAPVD1	0.003	1.42	1
1569320_at	GPBP1L1	0	1.83	1
233090_at	GPC6	0.003	1.47	1
205220_at	GPR109B	0	-1.79	1
237690_at	GPR115	0.003	-1.61	1
1561195_at	GPR137B	0	1.83	1
233427_x_at	GPR64	0.003	1.41	1
219936_s_at	GPR87	0.003	-1.62	1
203108_at	GPRC5A	0	-2.1	1
222830_at	GRHL1	0.001	-1.74	1
215786_at	HBXAP	0.001	1.4	1
216229_x_at	HCG2P7	0.005	1.31	1
207730_x_at	HDGF2	0.002	1.56	1

230868_at	HIAT1	0.001	1.38	1
1555318_at	HIF3A	0.001	1.74	1
211597_s_at	HOP	0.002	-1.51	1
207526_s_at	IL1RL1	0.002	-1.67	1
1560172_at	INTS10	0.003	1.32	1
215791_at	ITSN1	0	2.07	1
241391_at	JMJD1C	0.004	1.59	1
242725_at	KDELR2	0.002	1.58	1
238271_x_at	KIAA0182	0.003	1.49	1
215268_at	KIAA0754	0	1.97	1
207436_x_at	KIAA0894	0.001	1.58	1
239946_at	KIAA0922	0	2.03	1
242920_at	KIAA0999	0.002	1.67	1
232762_at	KIAA1217	0.004	1.51	1
238774_at	KIAA1267	0	1.89	1
231956_at	KIAA1618	0.003	1.55	1
214964_at	KIAA1856	0	1.68	1
233799_at	KIFAP3	0.003	1.5	1
218963_s_at	KRT23	0	-2.48	1
220267_at	KRT24	0.005	-1.58	1
1557835_at	LA16c-360B4.1	0.004	1.54	1
238299_at	LASS5	0.001	1.68	1
232935_at	LHFP	0.001	1.64	1
215978_x_at	LOC152719	0.002	1.55	1
232889_at	LOC153561	0.003	1.63	1
232034_at	LOC203274	0.001	1.44	1
235167_at	LOC23117	0.003	1.64	1
236764_at	LOC255130	0	1.71	1
229734_at	LOC283174	0.001	1.42	1
225899_x_at	LOC388312 /// FLJ45445 /// LOC641693 /// LOC641710 /// LOC642788	0.002	1.52	1
238678_at	LOC388312 /// LOC641693 /// LOC641710 /// LOC642788	0.001	1.42	1
235482_at	LOC400960	0.004	1.45	1
215123_at	LOC440345	0.001	1.74	1
1558220_at	LOC440993	0	1.77	1

209679_s_at	LOC57228	0.001	-1.4	1
1557987_at	LOC641298	0.001	1.72	1
213605_s_at	LOC643373 /// LOC653080 /// LOC653188 /// LOC653412	0.004	1.6	1
243846_x_at	LOC643481	0	1.41	1
243049_at	LOC643831	0.001	1.42	1
242490_at	LOC644010	0.001	1.47	1
234105_at	LOC644192	0.003	1.41	1
1558569_at	LOC645238	0.004	1.6	1
236494_x_at	LOC646848	0.003	1.56	1
1557828_a_at	LOC646916	0	1.78	1
242471_at	LOC647135	0.002	1.64	1
217653_x_at	LOC653471 /// LOC654000	0	1.98	1
1557360_at	LRPPRC	0	1.61	1
218816_at	LRRC1	0	-1.36	1
215375_x_at	LRRFIP1	0.003	1.63	1
229584_at	LRRK2	0	-1.43	1
242877_at	LSM14A	0.001	1.55	1
233518_at	LSP1	0.002	1.66	1
204952_at	LYPD3	0.003	-1.61	1
1553407_at	MACF1	0.002	1.65	1
224650_at	MAL2	0	-2.45	1
209373_at	MALL	0	-1.69	1
232333_at	MAML2	0.001	1.59	1
1565889_at	MAP3K7IP2	0	1.54	1
242448_at	MAP4K3	0	1.57	1
238769_at	MAP4K4	0.001	1.67	1
202890_at	MAP7	0.001	-1.5	1
226210_s_at	MEG3	0.002	1.67	1
212861_at	MFSD5	0.003	-1.25	1
226783_at	MGC15875	0.003	1.42	1
232568_at	MGC24103	0.002	1.68	1
242225_at	MON2	0.003	1.44	1
214071_at	MPPE1	0.001	-1.74	1
204885_s_at	MSLN	0.003	-1.45	1
1566482_at	MSRB3	0	1.8	1
240271_at	MTMR3	0.002	1.45	1

227238_at	MUC15	0	-1.87	1
220196_at	MUC16	0.003	-1.63	1
231941_s_at	MUC20	0.002	-1.66	1
242480_at	MYST3	0	1.54	1
1569519_at	NBPF1 /// NBPF11 /// NBPF20 /// NBPF9 /// NBPF10 /// NBPF8	0.002	1.67	1
1562063_x_at	NBPF1 /// NBPF3 /// NBPF11 /// NBPF20 /// NBPF9 /// NBPF10 /// NBPF8	0.001	1.55	1
242191_at	NBPF11 /// NBPF9 /// NBPF10	0	1.74	1
232583_at	NCK2	0.001	1.35	1
242369_x_at	NCOA2	0.005	1.57	1
224799_at	NDFIP2	0.003	-1.54	1
203961_at	NEBL	0	-1.8	1
239519_at	NRP1	0	1.55	1
242239_at	NSUN6	0.001	1.53	1
243158_at	NT5C2	0.004	1.53	1
209485_s_at	OSBPL1A	0	-1.56	1
222282_at	PAPD4	0.005	1.42	1
215418_at	PARVA	0.004	1.6	1
241956_at	PCGF5	0.005	1.57	1
233270_x_at	PCM1	0	1.65	1
238902_at	PCMTD1	0.002	1.56	1
243993_at	PCTK2	0.001	1.72	1
206792_x_at	PDE4C	0.001	1.45	1
1556331_a_at	PDE4D	0.001	1.63	1
238592_at	PDLIM3	0.005	-1.57	1
1569150_x_at	PDLIM7	0	1.78	1
232776_at	PDZRN3	0	1.49	1
217744_s_at	PERP	0.001	-1.73	1
221899_at	PFAAP5	0.001	1.48	1
215179_x_at	PGF	0.001	1.48	1
222371_at	PIAS1	0.005	1.57	1

239274_at	PICALM	0.002	1.66	1
241905_at	PIK3C2A	0	1.78	1
239978_at	PITPNB	0.003	1.4	1
201860_s_at	PLAT	0.002	-1.67	1
241509_at	PLEKHA5	0.002	1.21	1
201939_at	PLK2	0.003	-1.63	1
204285_s_at	PMAIP1	0.001	-1.62	1
242201_at	PMS2L1	0	1.45	1
215281_x_at	POGZ	0	1.82	1
1552621_at	POLR2J2	0.001	1.69	1
1552622_s_at	POLR2J2 /// LOC441259	0.001	1.72	1
203407_at	PPL	0	-1.81	1
226907_at	PPP1R14C	0	-1.63	1
215586_at	PPP3CB	0	1.48	1
233611_at	PRKG1	0.002	1.66	1
237107_at	PRKRA	0.002	1.47	1
223797_at	PRO2852	0.001	1.61	1
219392_x_at	PRR11	0.001	1.46	1
238513_at	PRRG4	0.002	-1.65	1
227192_at	PRRT2	0	1.56	1
213421_x_at	PRSS3	0.003	-1.36	1
1560271_at	PTBP2	0	2.17	1
239121_at	PTK2	0.001	1.75	1
237664_at	PTPLA	0.004	1.34	1
242188_at	PTPRG	0.003	1.61	1
233089_at	QRSL1	0.001	1.23	1
228613_at	RAB11FIP3	0.001	1.72	1
218186_at	RAB25	0.001	-1.75	1
233702_x_at	RABGEF1	0.002	1.37	1
214435_x_at	RALA	0.003	-1.33	1
227224_at	RALGPS2	0.001	-1.35	1
239409_at	RAP1A	0	1.83	1
221872_at	RARRES1	0	-2.28	1
1557432_at	RASAL2	0.001	1.75	1
239071_at	RBBP4	0.002	1.34	1
225846_at	RBM35A	0.001	-1.68	1
233608_at	RBMS3	0	1.85	1
231961_at	RBPM5	0.004	1.5	1
228996_at	RC3H1	0.001	-1.53	1
224366_s_at	REPS1	0.003	-1.29	1
229943_at	RFP2	0.002	-1.66	1

219554_at	RHCG	0	-1.86	1
239258_at	RHOQ	0	1.91	1
215588_x_at	RIOK3	0.002	1.41	1
221215_s_at	RIPK4	0.004	-1.33	1
242121_at	RNF12	0	1.81	1
216621_at	ROCK1	0.001	1.41	1
224618_at	ROD1	0	-1.34	1
233449_at	RORA	0.002	1.54	1
1557512_at	RSN	0.005	1.57	1
239251_at	RTN4	0.001	1.51	1
237456_at	RYBP	0.003	1.47	1
205916_at	S100A7	0.001	-1.69	1
202917_s_at	S100A8	0.002	-1.68	1
203535_at	S100A9	0.001	-1.69	1
204351_at	S100P	0	-2.1	1
214967_at	SAMD4A	0.002	1.67	1
241798_at	SCC-112	0.001	1.62	1
206884_s_at	SCEL	0	-2.39	1
232858_at	SCMH1	0.004	1.37	1
203453_at	SCNN1A	0	-1.82	1
243963_at	SDCCAG8	0.002	1.51	1
215209_at	SEC24D	0.004	1.49	1
215204_at	SENP6	0.004	1.58	1
212812_at	SERINC5	0	-1.48	1
217272_s_at	SERPINB13	0	-2.35	1
209719_x_at	SERPINB3	0.004	-1.61	1
206421_s_at	SERPINB7	0	-2.16	1
239544_at	SETBP1	0.003	1.39	1
221768_at	SFPQ	0.005	1.36	1
232597_x_at	SFRS2IP	0	1.61	1
242837_at	SFRS4	0	1.68	1
241223_x_at	SFXN1	0.001	1.49	1
236010_at	SH3D19	0.001	1.75	1
219915_s_at	SLC16A10	0.001	-1.64	1
1554593_s_at	SLC1A6	0.003	-1.62	1
242578_x_at	SLC22A3	0.004	1.44	1
1559232_a_at	SLC33A1	0.001	1.41	1
228485_s_at	SLC44A1	0.002	-1.35	1
241041_at	SLC8A1	0.003	1.33	1
1561574_at	SLIT3	0	1.66	1
203021_at	SLPI	0.001	-1.76	1
235693_at	SMA3	0.003	1.62	1

215599_at	SMA4 /// LOC643367 /// LOC643373 /// LOC652924 /// LOC653869	0	1.94	1
239238_at	SMARCC1	0.003	1.48	1
236370_at	SMURF1	0.001	1.68	1
233713_at	SMYD2	0.002	1.64	1
1560741_at	SNRPN	0	1.83	1
232784_at	SNTB2	0.003	1.63	1
1559154_at	SNX1	0.001	1.59	1
1559245_at	SORBS1	0.002	1.47	1
1558815_at	SORBS2	0.001	1.61	1
242025_at	SOX5	0.002	1.67	1
202935_s_at	SOX9	0	-2.06	1
1557804_at	SP3	0.005	1.48	1
205185_at	SPINK5	0	-1.82	1
213796_at	SPRR1A	0	-2.36	1
205064_at	SPRR1B	0	-2	1
218990_s_at	SPRR3	0	-2.42	1
216905_s_at	ST14	0.004	-1.38	1
231891_at	STAMBPL1	0.003	1.61	1
215299_x_at	SULT1A1	0.004	1.31	1
242646_at	SUV420H1	0.002	1.65	1
1566191_at	SUZ12	0	1.55	1
222214_at	SUZ12P	0.001	1.45	1
1569512_at	SVIL	0.002	1.62	1
241885_at	TAF15	0.003	1.45	1
235925_at	TCF12	0.001	1.45	1
236216_at	TCF7L2	0.002	1.35	1
205513_at	TCN1	0	-2.27	1
1555392_at	TES	0.002	1.66	1
242859_at	TFCP2	0.001	1.74	1
205016_at	TGFA	0.001	-1.61	1
239605_x_at	TGFBR1	0.004	1.6	1
238883_at	THRAP2	0.001	1.71	1
1558922_at	TIA1	0.002	1.66	1
243184_at	TJP1	0.004	1.59	1
236524_at	TM2D1	0.004	1.58	1
215250_at	TMEM111	0.003	1.35	1
242827_x_at	TNFAIP8	0.004	1.59	1
227812_at	TNFRSF19	0.003	-1.61	1

238108_at	TNKS	0.005	1.39	1
243834_at	TNRC6A	0.003	1.37	1
237895_at	TNRC6B	0	1.45	1
236167_at	TNS3	0.003	1.37	1
213593_s_at	TRA2A	0	1.59	1
202342_s_at	TRIM2	0.001	-1.6	1
202242_at	TSPAN7	0	-1.57	1
244842_x_at	TUBGCP2	0.002	1.41	1
215604_x_at	UBE2D2	0.002	1.46	1
243046_at	UBE2D3	0.003	1.61	1
242673_at	UBE3C	0.005	1.57	1
210064_s_at	UPK1B	0	-1.88	1
207365_x_at	USP34	0.001	1.46	1
222316_at	VDP	0.005	1.57	1
215729_s_at	VGLL1	0	-1.75	1
219768_at	VTCN1	0.001	-1.53	1
233637_at	WDR42A	0.005	1.46	1
242968_at	WHSC1L1	0.001	1.44	1
205990_s_at	WNT5A	0.002	-1.64	1
243561_at	YAF2	0.002	1.67	1
1563468_at	ZAK	0.003	1.61	1
219836_at	ZBED2	0.005	-1.57	1
233296_x_at	ZBTB20	0.003	1.46	1
206169_x_at	ZC3H7B	0.002	1.61	1
230713_at	ZCCHC11	0.002	1.65	1
222816_s_at	ZCCHC2	0	-1.88	1
230332_at	ZCCHC7	0.002	1.65	1
1557797_a_at	ZFHX1B	0.001	1.43	1
242797_x_at	ZFR	0.001	1.68	1
1554638_at	ZFYVE16	0.003	1.63	1
214715_x_at	ZNF160	0.001	1.58	1
1556035_s_at	ZNF207	0	1.59	1
215012_at	ZNF451	0.002	1.64	1
242343_x_at	ZNF518	0	1.82	1
1559401_a_at	ZNF609	0.004	1.59	1
235493_at	ZNF638	0.003	1.62	1
1557270_at	ZNF69	0.002	1.65	1
242633_x_at	ZNF75A	0.004	1.33	1
215191_at	---	0	2.12	1
238918_at	---	0	2.04	1
244387_at	---	0	2.03	1
1559410_at	---	0	2.02	1
235028_at	---	0	1.98	1

228697_at	---	0	1.91	1
242476_at	---	0	1.88	1
232355_at	---	0	1.87	1
210230_at	---	0	1.86	1
221205_at	---	0	1.79	1
1553275_s_at	---	0.001	1.76	1
227576_at	---	0.001	1.76	1
1569540_at	---	0.001	1.75	1
217164_at	---	0.001	1.75	1
230961_at	---	0.001	1.74	1
1554948_at	---	0.001	1.74	1
239735_at	---	0.001	1.74	1
243827_at	---	0.001	1.7	1
225239_at	---	0.002	1.68	1
239129_at	---	0.002	1.68	1
215139_at	---	0.002	1.68	1
217536_x_at	---	0.001	1.67	1
217679_x_at	---	0.002	1.67	1
237768_x_at	---	0.002	1.67	1
215029_at	---	0.002	1.66	1
220728_at	---	0.001	1.66	1
235716_at	---	0.002	1.64	1
1566848_x_at	---	0.003	1.62	1
232511_at	---	0.003	1.62	1
216628_at	---	0.003	1.61	1
228623_at	---	0.003	1.61	1
1562836_at	---	0.004	1.6	1
224549_x_at	---	0.002	1.59	1
217586_x_at	---	0.002	1.59	1
1557996_at	---	0.004	1.58	1
228030_at	---	0.005	1.58	1
216858_x_at	---	0.001	1.55	1
239301_at	---	0	1.55	1
1558515_at	---	0.003	1.54	1
234036_x_at	---	0.001	1.54	1
230886_at	---	0.004	1.51	1
217549_at	---	0.002	1.49	1
210679_x_at	---	0.003	1.49	1
242439_s_at	---	0.005	1.49	1
241388_at	---	0	1.43	1
235084_x_at	---	0.002	1.4	1
229206_at	---	0.005	1.4	1
239005_at	---	0.001	1.39	1

244310_at	---	0.004	1.38	1
231035_s_at	---	0.002	-1.32	1
230734_x_at	---	0	-1.36	1
238455_at	---	0.002	-1.4	1
242317_at	---	0	-1.45	1
228115_at	---	0	-1.47	1
227747_at	---	0	-1.51	1
236129_at	---	0.004	-1.53	1
231929_at	---	0.001	-1.57	1
231033_at	---	0.005	-1.58	1
232151_at	---	0	-1.6	1
225667_s_at	---	0.001	-1.61	1
227314_at	---	0.003	-1.61	1
236220_at	---	0.001	-1.71	1
226535_at	---	0	-1.77	1
237006_at	AFF1	0.005	1.57	2
232286_at	AFF3	0	1.46	2
203757_s_at	CEACAM6	0	-2.84	2
211657_at	CEACAM6	0	-2.6	2
244197_x_at	CNOT2	0.002	1.61	2
201650_at	KRT19	0	-1.95	2
212531_at	LCN2	0	-2.18	2
242722_at	LMO7	0.002	-1.5	2
214902_x_at	LPP	0.001	1.7	2
244450_at	MAK	0.002	1.66	2
204777_s_at	MAL	0	-2.17	2
1558111_at	MBNL1	0.004	1.49	2
242671_at	MID1	0	1.49	2
237491_at	MYH10	0	2.03	2
1568760_at	MYH11	0	2.23	2
225301_s_at	MYO5B	0	-1.79	2
203215_s_at	MYO6	0.003	-1.62	2
232169_x_at	NDUFS8	0.002	1.48	2
233004_x_at	NFIA	0.003	1.39	2
242235_x_at	NRD1	0.003	1.32	2
1566785_x_at	NSF	0	1.46	2
229396_at	OVOL1	0.004	-1.31	2
1569346_a_at	P2RX1	0.004	1.59	2
240450_at	PAPPA	0.003	1.61	2
1559394_a_at	ROR1	0	1.89	2
204614_at	SERPINB2	0	-2.25	2
239448_at	SMAD3	0.002	1.64	2

202286_s_at	TACSTD2	0	-1.89	2
229434_at	HNRPD	0.003	1.63	3
206848_at	HOXA7	0	1.49	3
237377_at	IGF1R	0.001	1.7	3
212657_s_at	IL1RN	0.001	-1.72	3
1569409_x_at	INHA	0.002	1.43	3
206104_at	ISL1	0.004	-1.59	3
208083_s_at	ITGB6	0	-1.95	3
226189_at	ITGB8	0.003	-1.62	3
244457_at	ITPR2	0.001	1.42	3
214599_at	IVL	0	-2.11	3
216187_x_at	KNS2	0.002	1.42	3
1565689_at	KPNA3	0	1.5	3
207935_s_at	KRT13	0	-2	3
204734_at	KRT15	0	-1.84	3
213240_s_at	KRT4	0	-1.84	3
213680_at	KRT6B	0	-2.39	3
216005_at	TNC	0	2.12	3
244010_at	ABP1	0.004	1.61	4
232058_at	ACTN4	0	1.79	4
235368_at	ADAMTS5	0.005	-1.58	4
203180_at	ALDH1A3	0	-2.31	4
202203_s_at	AMFR	0.002	-1.65	4
226663_at	ANKRD10	0.001	1.7	4
242110_at	ARHGAP5	0.001	1.72	4
1559436_x_at	ARRB2	0.004	1.48	4
232744_x_at	ATXN1	0	2.28	4
1565804_at	ATXN1	0	2.16	4
236404_at	ATXN1	0	2.06	4
238987_at	B4GALT1	0.003	1.61	4
238393_at	BMPR2	0.002	1.64	4
242551_at	C18orf1	0.004	1.6	4
215198_s_at	CALD1	0	1.64	4
215199_at	CALD1	0	1.69	4
229571_at	CALM2	0.005	1.2	4
235190_at	CALM2	0	1.65	4
239179_at	CAMK2G	0	1.84	4
234135_x_at	CBR4	0.002	1.65	4
232347_x_at	CBR4	0	1.61	4
266_s_at	CD24	0	-2.11	4
208651_x_at	CD24	0.002	-1.66	4
209771_x_at	CD24	0	-1.93	4

216379_x_at	CD24	0	-1.98	4
201926_s_at	CD55	0	-1.61	4
1555950_a_at	CD55	0.001	-1.54	4
201925_s_at	CD55	0	-1.57	4
201131_s_at	CDH1	0	-1.83	4
236313_at	CDKN2B	0.001	-1.69	4
205709_s_at	CDS1	0	-1.88	4
226185_at	CDS1	0.001	-1.65	4
209498_at	CEACAM1	0	-1.82	4
206165_s_at	CLCA2	0.003	-1.61	4
206417_at	CNGA1	0.001	-1.34	4
233109_at	COL12A1	0.002	1.64	4
237624_at	COL4A2	0	1.82	4
206475_x_at	CSH1	0.002	2.49	4
211739_x_at	CSH1	0	2.49	4
202493_x_at	CSH1	0	2.46	4
208356_x_at	CSH1	0	2.45	4
208357_x_at	CSH1	0	2.49	4
208342_x_at	CSH2	0	1.89	4
203807_x_at	CSH2	0	2.39	4
208341_x_at	CSH2	0	2.2	4
208293_x_at	CSHL1	0.001	1.71	4
205958_x_at	CSHL1	0	2.12	4
208294_x_at	CSHL1	0	2.03	4
208295_x_at	CSHL1	0	1.97	4
207285_x_at	CSHL1	0	1.9	4
1556007_s_at	CSNK1A1	0.003	1.55	4
242467_at	CSNK1A1	0.002	1.65	4
240221_at	CSNK1A1	0.001	1.57	4
239228_at	CSNK2A1	0	1.67	4
206595_at	CST6	0	-1.89	4
1570507_at	CTNNB1	0	1.87	4
238884_at	CTNND1	0.003	1.36	4
225647_s_at	CTSC	0	-1.79	4
225646_at	CTSC	0.004	-1.6	4
1570151_at	CUTL1	0	1.8	4
240798_at	CUTL1	0	2.1	4
1558624_at	CUTL1	0	1.95	4
1566243_at	CUTL1	0	1.92	4
226374_at	CXADR	0	-1.86	4
205370_x_at	DBT	0.001	1.38	4
1559780_at	DDAH1	0	1.93	4

1558828_s_at	DKFZp586C0721	0	2	4
1556821_x_at	DLEAH2	0	2.02	4
204751_x_at	DSC2	0	-1.97	4
235075_at	DSG3	0	-1.84	4
205595_at	DSG3	0.003	-1.63	4
209365_s_at	ECM1	0.002	-1.46	4
206254_at	EGF	0.004	-1.59	4
232541_at	EGFR	0.003	1.63	4
221773_at	ELK3	0.002	-1.31	4
233940_at	EML4	0	1.5	4
213895_at	EMP1	0	-2.1	4
201324_at	EMP1	0.001	-1.76	4
201325_s_at	EMP1	0	-1.83	4
223427_s_at	EPB41L4B	0	-1.42	4
1561167_at	ETV6	0	2.03	4
203779_s_at	EVA1	0.003	-1.47	4
215206_at	EXT1	0.004	1.6	4
242126_at	EXT1	0	2.11	4
237310_at	EXT1	0	1.86	4
239227_at	EXT1	0.001	1.74	4
232174_at	EXT1	0.001	1.71	4
213506_at	F2RL1	0.001	-1.69	4
233276_at	FBXL7	0	1.96	4
241457_at	FBXL7	0	1.9	4
207822_at	FGFR1	0.003	1.33	4
215404_x_at	FGFR1	0.004	1.46	4
234098_at	FLJ10159	0	1.76	4
235629_at	FN1	0.004	1.61	4
239453_at	FNBP1	0	1.77	4
230389_at	FNBP1	0	1.69	4
232472_at	FNDC3B	0	1.82	4
231108_at	FUS	0.001	1.44	4
243006_at	FYN	0.001	1.52	4
205044_at	GABRP	0	-2.53	4
201724_s_at	GALNT1	0	-1.4	4
203397_s_at	GALNT3	0.001	-1.51	4
223434_at	GBP3	0.004	-1.6	4
205840_x_at	GH1	0.003	1.61	4
211151_x_at	GH1	0	1.79	4
223278_at	GJB2	0	-1.79	4
241865_at	GNB1	0	1.67	4
215203_at	GOLGA4	0.001	1.73	4
243193_at	GPC3	0.001	1.65	4

232453_at	GPC6	0	1.7	4
215387_x_at	GPC6	0.004	1.6	4
232002_at	GPI	0.001	1.61	4
240452_at	GSPT1	0.002	1.67	4
222104_x_at	GTF2H3	0.003	1.41	4
206647_at	HBZ	0	2.26	4
211990_at	HLA-DPA1	0.004	-1.59	4
213831_at	HLA-DQA1	0.003	-1.62	4
209480_at	HLA-DQB1	0.001	-1.72	4
212998_x_at	HLA-DQB1	0.003	-1.62	4
234066_at	IL1RL1	0.004	-1.6	4
216614_at	ITPR2	0.001	1.71	4
1569041_at	JMJD1C	0	2.2	4
209211_at	KLF5	0	-1.98	4
233224_at	KPNA3	0.001	1.58	4
235060_at	LOC23117	0.002	1.67	4
232544_at	LOC255130	0	1.84	4
238449_at	LOC440345	0.001	1.76	4
1557293_at	LOC440993	0	1.81	4
233824_at	LPP	0	2.14	4
243874_at	LPP	0	1.89	4
240866_at	LPP	0	1.74	4
232168_x_at	MACF1	0.002	1.65	4
234645_at	MAML2	0	1.8	4
242405_at	MAML2	0.002	1.65	4
244414_at	MAML2	0.003	1.63	4
1556658_a_at	MBNL1	0	2.23	4
1556657_at	MBNL1	0	2.14	4
238558_at	MBNL1	0	1.89	4
236558_at	MBNL1	0.001	1.76	4
241681_at	MBNL1	0.002	1.65	4
235077_at	MEG3	0	1.83	4
205413_at	MPPED2	0	-1.89	4
227241_at	MUC15	0	-1.76	4
226622_at	MUC20	0.001	-1.61	4
203962_s_at	NEBL	0.001	-1.71	4
229422_at	NRD1	0	1.59	4
1569180_at	NSF	0	2.13	4
1569181_x_at	NSF	0	2.03	4
1569345_at	P2RX1	0	1.92	4
1556277_a_at	PAPD4	0.004	1.42	4
236610_at	PDE4D	0	1.77	4

243586_at	PDE4D	0.001	1.75	4
1569149_at	PDLIM7	0	1.81	4
1566551_at	PDZRN3	0	1.9	4
233286_at	PDZRN3	0	1.78	4
233442_at	PDZRN3	0	1.74	4
1565743_at	PFAAP5	0.002	1.67	4
214753_at	PFAAP5	0.001	1.65	4
235985_at	PITPNB	0.001	1.62	4
238040_at	POGZ	0	1.85	4
241897_at	RBPMS	0	2.37	4
207837_at	RBPMS	0	1.94	4
244265_at	RERE	0.003	1.41	4
232231_at	RUNX2	0	-1.84	4
232056_at	SCEL	0	-2.2	4
1554921_a_at	SCEL	0	-2.25	4
211361_s_at	SERPINB13	0	-2.33	4
237157_at	SH3D19	0	1.93	4
1570482_at	SLC22A3	0.002	1.67	4
242736_at	SORBS1	0.001	1.74	4
240120_at	SORBS2	0	2.12	4
233720_at	SORBS2	0	2.04	4
220858_at	SORBS2	0	1.64	4
202936_s_at	SOX9	0	-1.8	4
214549_x_at	SPRR1A	0.002	-1.66	4
232082_x_at	SPRR3	0.004	-1.58	4
1558592_at	SVIL	0	1.69	4
227891_s_at	TAF15	0	1.76	4
232522_at	TCF7L2	0.002	1.5	4
236094_at	TCF7L2	0	1.46	4
1562454_at	TCF7L2	0.005	1.37	4
216109_at	THRAP2	0	1.73	4
229574_at	TRA2A	0	1.78	4
215945_s_at	TRIM2	0.004	-1.3	4
240383_at	UBE2D3	0	1.85	4
242403_at	UBE2D3	0.001	1.71	4
210065_s_at	UPK1B	0	-1.79	4
233595_at	USP34	0.004	1.61	4
222357_at	ZBTB20	0.004	1.48	4
234032_at	ZCCHC7	0	1.86	4
239296_at	ZFHX1B	0.001	1.54	4
239937_at	ZNF207	0.001	1.71	4
231848_x_at	ZNF207	0.001	1.65	4
239243_at	ZNF638	0	1.85	4

236355_s_at	---	0.003	1.43	4
236009_at	---	0.001	-1.56	4
229011_at	---	0.003	-1.64	4
241788_x_at	ACTN4	0	2.21	NC
244753_at	ACTN4	0	1.99	NC
205525_at	CALD1	0	1.69	NC
209212_s_at	KLF5	0.002	-1.57	NC
242407_at	RERE	0	1.56	NC

*FDR: False discovery rate. FDR adjusted p-values smaller than $p = 0.0005$ were rounded down to the value of 0.

NC: Probes that were not included in clusters 1-4, but that showed significantly different expression ($p < 0.0005$) between smokers and nonsmokers