

Table E4. 63 Most-regulated genes between nasal and bronchial cells in healthy subjects (C)

Symbol	Name	logFC(C)	AveExpr(C)	adj.P.Val(C)
OTX2	orthodenticle homeobox 2	8.01	0.09	2.49E-19
RP11-89K21.1	/	7.6	1.13	4.88E-14
LGI1	leucine rich glioma inactivated 1	7.44	0.54	1.01E-13
PAX6	paired box 6	7.37	0.03	9.17E-18
LINC00461	long intergenic non-protein coding RNA 461	6.78	-0.99	1.14E-14
FEZF1	FEZ family zinc finger 1	6.28	-0.33	3.03E-14
PAX3	paired box 3	6.18	-0.22	2.45E-14
PAX7	paired box 7	6.07	2.9	1.08E-15
SIX3-AS1	SIX3 antisense RNA 1	6.02	-1.05	7.49E-15
RP11-966I7.1	/	5.94	-1.62	2.17E-18
IL19	interleukin 19	5.36	0.17	3.28E-09
ALOX15B	arachidonate 15-lipoxygenase, type B	5.29	-0.12	1.82E-11
GAPDHP24	glyceraldehyde 3 phosphate dehydrogenase pseudogene 24	5.28	-1.21	5.01E-10
CA12	carbonic anhydrase 12	5.26	4.38	6.01E-17
GALNT13	polypeptide N-acetylgalactosaminyltransferase 13	5.25	0.83	2.59E-10
CPA4	carboxypeptidase A4	5.13	0.99	1.75E-06
RP11-10H3.1	/	5.08	-0.72	1.94E-07
RP5-964N17.1	/	5.03	-1.86	1.43E-12
FEZF1-AS1	FEZF1 antisense RNA 1	4.62	1.81	5.93E-15
MEOX1	mesenchyme homeobox 1	4.5	-1.19	8.53E-10
LAMB4	laminin subunit beta 4	4.12	0.18	1.96E-10
EDN2	endothelin 2	4.08	-1.53	2.12E-05
KRT24	keratin 24	4.07	-1.42	5.82E-05
STC1	stanniocalcin 1	4.06	0.22	3.19E-07
RP11-1016B18.1	/	-4.32	-1.01	2.18E-08
SHH	sonic hedgehog	-4.4	0.14	3.17E-09
CACNA1H	calcium voltage-gated channel subunit alpha1 H	-4.46	0.6	7.09E-07
VSIG4	V-set and immunoglobulin domain containing 4	-4.69	0.89	3.68E-08
RBP4	retinol binding protein 4	-5.02	-2.46	1.35E-06
RP11-625L16.1	/	-5.14	0.07	1.52E-08
SCN3A	sodium voltage-gated channel alpha subunit 3	-5.22	-0.57	3.49E-08

LINC01014	long intergenic non-protein coding RNA 1014	-5.31	0.1	2.30E-10
PRDM16	PR/SET domain 16	-5.79	0.31	1.47E-16
CTD-3012A18.1	/	-6.25	-1.67	2.73E-20
RP11-368I23.2	/	-6.32	-0.64	1.52E-10
KIF1A	kinesin family member 1A	-6.42	-1.2	3.78E-13
RP11-429A20.3		-6.55	-2.08	9.84E-15
SCGB3A1	secretoglobin family 3A member 1	-6.56	6.6	1.62E-09
LMO3	LIM domain only 3	-6.58	1.94	1.01E-17
RP11-429A20.4	/	-6.59	-1.84	1.43E-15
PAX1	paired box 1	-6.72	-1.93	2.26E-20
EGFEM1P	EGF like and EMI domain containing 1, pseudogene	-6.84	2.78	2.04E-08
RP11-627G23.1	/	-7.1	0.28	3.16E-14
SLC5A7	solute carrier family 5 member 7	-7.14	-1.13	1.09E-17
NKX2-1	NK2 homeobox 1	-8.59	-0.79	3.03E-35
KCNA1	potassium voltage-gated channel subfamily A member 1	-8.88	0.91	1.80E-16
FABP4	fatty acid binding prot	-8.9	-0.66	1.08E-15