

Online supplement

Genetic Determinants of Emphysema Distribution in the National Emphysema

Treatment Trial

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Table E1: Genetic polymorphisms analyzed in the NETT Genetics Ancillary Study CT analysis.

Gene	HUGO Symbol	Number of markers
Alpha 1-antichymotrypsin	SERPINA3	2
Elastin	ELN	1
Microsomal epoxide hydrolase	EPHX1	8
Vitamin D binding protein	GC	2
G-coupled receptor C5a	GPRC5A	1
Glutathione S-transferase M1	GSTM1	1*
Glutathione S-transferase P1	GSTP1	2
Interleukin-8 receptor, alpha	IL8RA	9
Interleukin-8 receptor, beta	IL8RB	6
Latent transforming growth factor beta binding protein 4	LTBP4	4
Matrix Gla protein	MGP	3
Microsomal glutathione S-transferase-1	MGST1	4
Matrix metalloprotease-1	MMP1	1**
Matrix metalloprotease-12	MMP12	3
Serine protease inhibitor E2	SERPINE2	17
Surfactant protein B	SFTPB	1
Surfactant protein D	SFTPD	2
Transforming Growth Factor beta-1	TGFB1	5

Tissue inhibitor of metalloproteases-2	TIMP2	1
Tumor necrosis factor alpha	TNF	4

Total 77 polymorphisms in 20 genes

*GSTM1 null deletion

**MMP1 single base pair insertion/deletion