

ONLINE APPENDIX

Table S1: Read codes used to determine AATD diagnosis/testing. Codes compatible with AATD diagnosis are highlighted in blue

Read Code	Read Term
44C6.	Serum A1 antitrypsin
C3762	Alpha 1 antitrypsin deficiency
4L00.	Alpha 1 antitrypsin phenotype
44N4.	Electrophoresis: alpha-1-glob.
4L15.	Alpha 1 antitrypsin genotyping
C3761	Alpha 1 antitrypsin hepatitis
X101o	Pulm emphysema, alpha 1 PI def
X772R	Alpha 1 antitry phenotype PiMM
X772S	Alpha 1 antitry phenotype PiZZ
X772T	Alpha 1 antitryp phenotyp PiSS
X772U	Alpha 1 antitryp phenotyp PiSZ
X772V	Alpha 1 antitryp phenotyp PiMZ
X772W	Alpha 1 antitryp phenotyp PiMS
X772X	Alpha 1 antitryp phenotyp null
X77WB	Alpha 1 antitryps phenotyping
X80Md	Alpha 1 antitrypsin