

Figure S1. Call cluster plots showing the distributions of the different polymorphisms. Call cluster plots showing distribution of (A) rs 2070874, (B) rs 2243250 and (C) rs 111521887 genotypes.

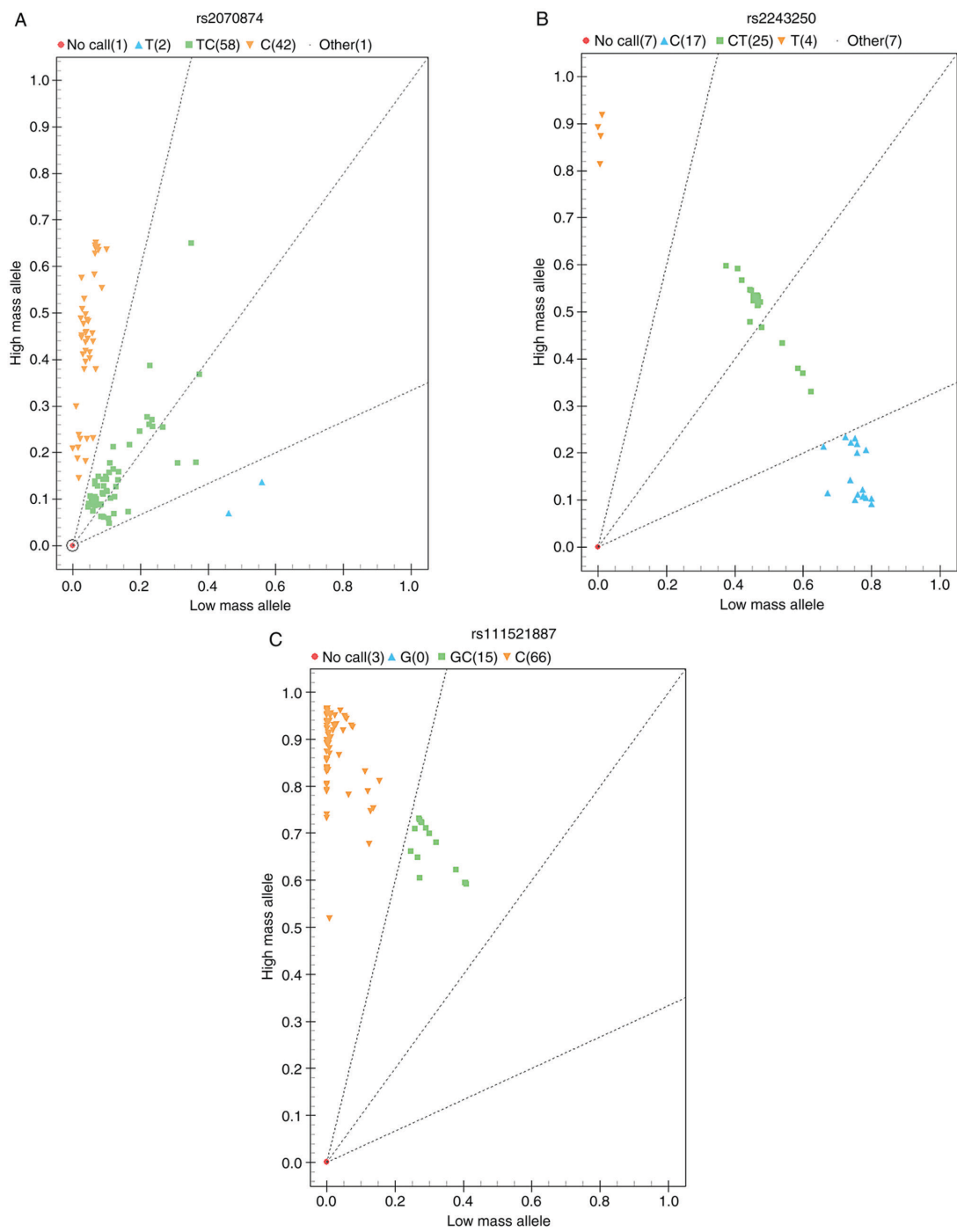


Table SI. List of investigated gene polymorphisms.

Gene	SNP_ID	Chromosome position	Genotype			Alternative alleles, forward strand	MAF (base)	Highest population MAF
MUC5B	rs35705950	11:1219991	TT	T/G	GG	G/A/T	0.05 (T)	0.15
TOLLIP	rs111521887	11:1291476	CC	C/G	GG	C/G	0.07 (G)	0.21
TOLLIP	rs5743894	11:1303542	TT	T/C	CC	T/A/C	0.07 (C)	0.21
TOLLIP	rs5743890	11:1304599	TT	T/C	CC	T/C	0.05 (C)	0.18
SFTPA	rs1136451	10:79612325	AA	G/A	GG	A/G	0.22 (G)	0.35
SFTPA	rs4253527	10:79613716	TT	T/C	CC	C/A/T	0.12 (T)	0.29
IL-4	rs2243248	5:132672952	TT	T/G	GG	T/A/C/G	0.11 (G)	0.24
IL-4	rs2243250	5:132673462	TT	T/C	CC	C/G/T	0.47 (T)	0.48
IL-4	rs2070874	5:132674018	TT	T/C	CC	C/T	0.4 (T)	0.49
TGF- β	rs1800470	19:41353016	AA	G/A	GG	G/A/C	0.45 (G)	0.50
TGF- β	rs1800471	19:41352971	CC	C/G	GG	C/G/T	0.05 (G)	0.09
TAP2	rs2228396	6:32830032	TT	T/C	CC	C/T	0.08 (T)	0.15
TAP1	rs1057141	6:32850997	TT	T/C	CC	T/C	0.23 (C)	0.39
TAP1	rs1135216	6:32847198	TT	T/C	CC	T/C	0.19 (C)	0.35
TAP2	rs241447	6:32828974	TT	T/C	CC	T/C/G	0.30 (C)	0.48

MUC5B, mucin 5B; TOLLIP, toll interacting protein; SFTPA, surfactant protein A; IL-4, interleukin 4; TGF- β , transforming growth factor- β ; TAP, transporter associated with antigen processing; MAF, minor allele frequency; SNP, single nucleotide polymorphism.

Table SII. Effect of the SNPs on IPF outcomes.

A, Effect of IL-4 SNP (rs 2070874) on IPF outcome after 12 months

Genotype	Non-progressors (%)	Progressors (%)
CC	90	10
TC, TT	44	56

B, Effect of IL-4 SNP (rs 2243250) on IPF outcome after 12 months

Genotype	Non-progressors (%)	Progressors (%)
CC	85	15
TC, TT	33	67

C, Effect of toll interacting protein SNP (rs 111521887) on IPF outcome after 18 months

Genotype	Non-progressors (%)	Progressors (%)
CC	92	8
CG	40	60

Data are presented as the percentage of progressors/non-progressors in the studied population of patients with IPF. IPF, idiopathic pulmonary fibrosis; IL-4, interleukin-4; SNP, single nucleotide polymorphism.