Supplemental Table 2: Genetic analysis of PBC patients with prior OLT compared with sub-set of non-OLT patients 65 years old or greater at time of study.

a. SNPs data

	PBC (OLT) n=29 Count (freq)	PBC (non-OLT) 65+ n=109 Count (freq)	model	OLT vs. Non-OLT 65+ OR (95% CI)	p-value
CTLA4 49AG					
AA	8 (0.28)	46 (0.42)	Log-additive	2.23 (1.11-4.45)	0.02
AG	12 (0.41)	47 (0.43)	Dominant	2.57 (0.87-7.55)	0.09
GG	9 (0.31)	16 (0.15)	Recessive (GG)	3.48 (1.09-11.06)	0.03
CTLA4 CT60					
GG	15 (0.52)	30 (0.28)	Log-additive	0.42 (0.19-0.90)	0.03
AG	13 (0.45)	53 (0.49)	Dominant	0.40 (0.15-1.08)	0.07
AA	1 (0.03)	26 (0.24)	Recessive (AA)	0.17 (0.02-1.35)	0.09
PDCD1 PD1.3					
GG	22 (0.76)	84 (0.77)	Log-additive	1.57 (0.59-4.16)	0.37
AG	5 (0.17)	24 (0.22)	Dominant	1.52 (0.48-4.79)	0.47
AA	2 (0.07)	1 (0.01)	Recessive (AA)	4.25 (0.19-94.15)	0.36

b. CTLA4 Haplotype data

CTLA4 49AG:CT60	PBC (OLT) n=29 Freq.	PBC (non-OLT) 65+ n=109 Freq.	p-value
A:A	0.2586	0.4817	0.021
A:G	0.2241	0.1560	0.821
G:G	0.5172	0.3624	0.021
Global p-value	0.045		