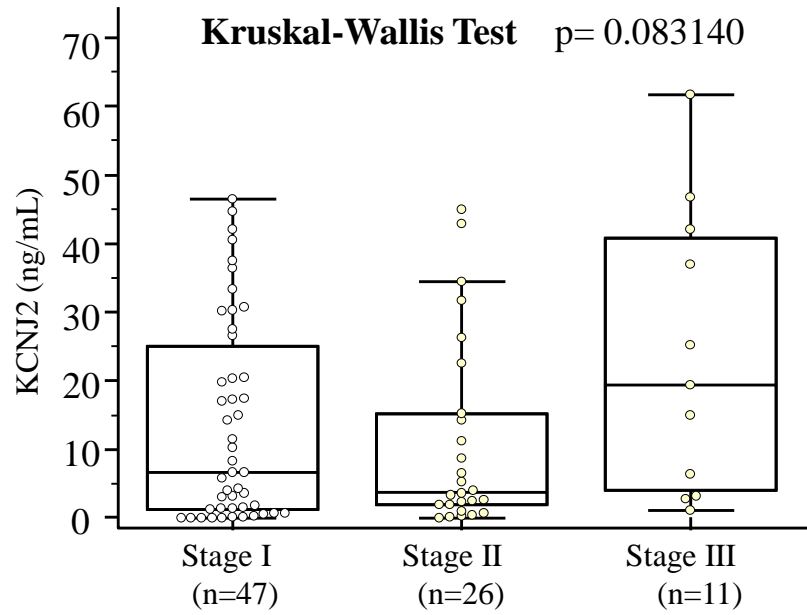
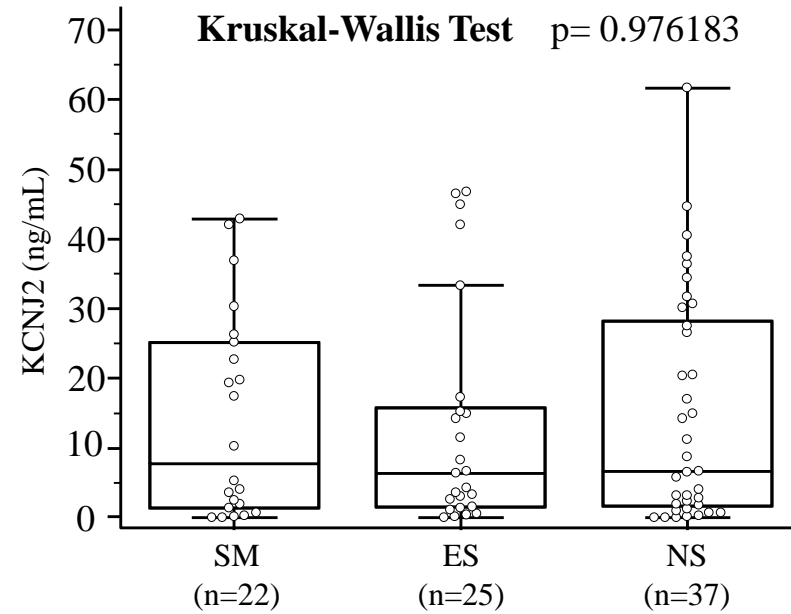


Supplemental Figure 1

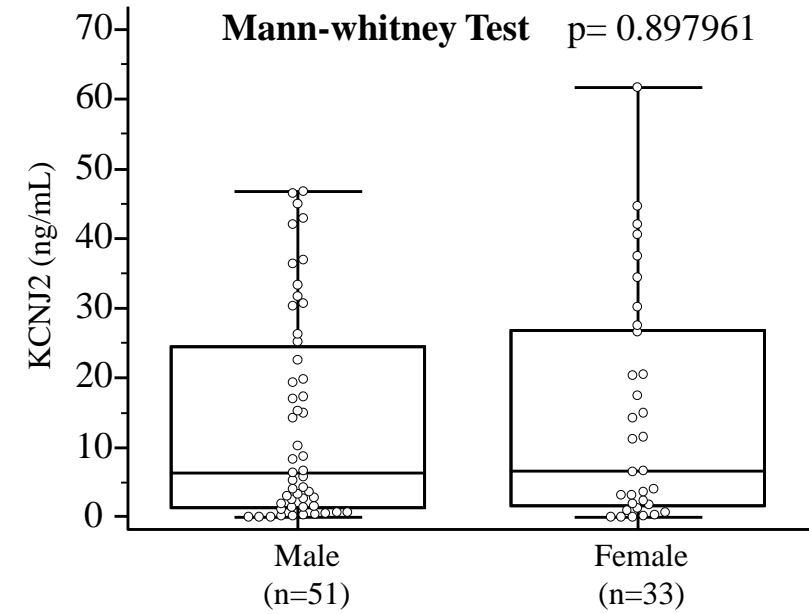
A



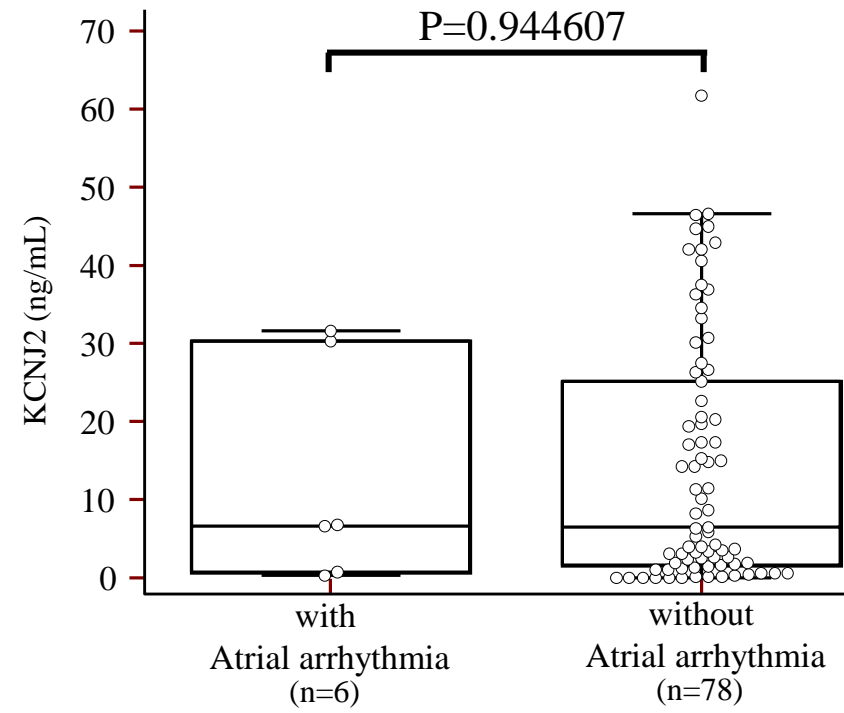
B



C



Supplemental Figure 2



Supplemental Table 1. Comparison with genotype frequency of KCNJ2 in subjects with idiopathic pulmonary fibrosis with or without atrial arrhythmia

Chr	Gene	Exome-chip	Location	rs ID	Allele	Frequency	
						with Atrial arrhythmia	without Atrial arrhythmia
						Major/Hetero/Minor	Major/Hetero/Minor
17	KCNJ2	exm1349909	68171457	rs147750704	G>A	52/0/0	6/0/0
17	KCNJ3	exm1349927	68171796	rs141035459	G>A	52/0/0	6/0/0
17	KCNJ4	exm1349934	68172153	rs202067116	C>T	52/0/0	6/0/0
17	KCNJ5	exm1349948	68172409	rs141069645	A>G	52/0/0	6/0/0