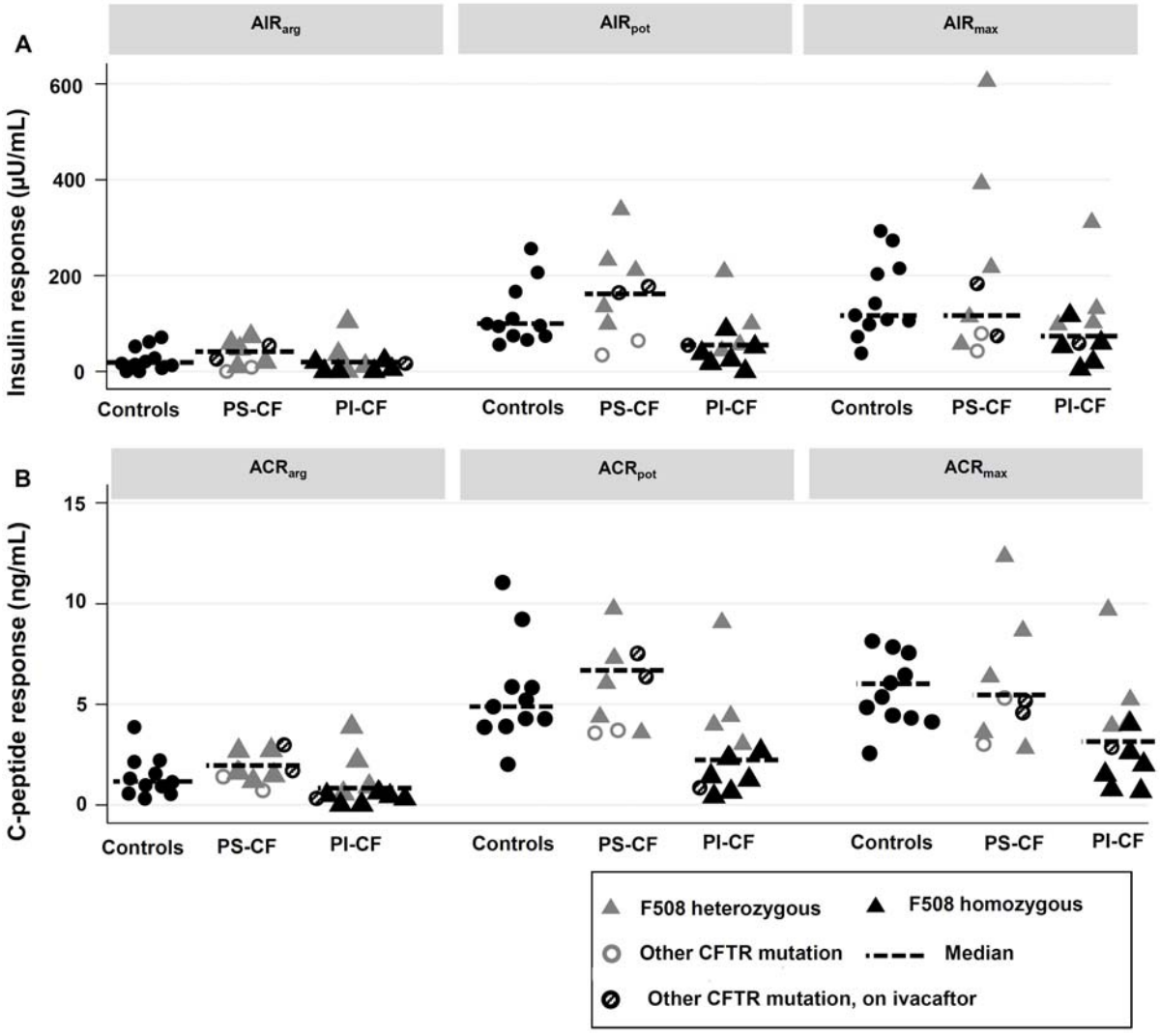
SUPPLEMENTARY DATA

Supplementary Figure 1. Acute islet hormone responses to bolus administration of arginine (5 g) under fasting, ~230 mg/dL, and ~340 mg/dL hyperglycemic clamp conditions for individual subjects by study group, pancreatic sufficient cystic fibrosis (PS-CF), pancreatic insufficient cystic fibrosis (PI-CF), and healthy control subjects. CFTR mutations are classified based on F508del status; F508del homozygous (grey triangle), F508del heterozygous (black triangle), other CFTR mutations (open grey circle), and other CFTR mutations on CFTR modulator, ivacaftor (black circles, diagonal pattern).



SUPPLEMENTARY DATA

Supplementary Table 1. Cystic fibrosis transmembrane (CFTR) mutations in study subjects

PS-CF			PI-CF		
Subject	Allele 1	Allele 2	Subject	Allele 1	Allele 2
1	F508del	L206W	1	F508del	F508del
2*	G551D	unknown	2	F508del	F508del
3	R709X	P102IT	3*	G55ID	unknown
4	F508del	D1152H	4	F508del	F508del
5	W1282X	3849+10kbC->T	5	F508del	R560T
6	F508del	3849+10kbC->T	6	F508del	F508del
7*	R117H	W1282X	7	F508del	G542X
8	F508del	S549N	8	F508del	F508del
9	F508del	unknown	9	F508del	5T
			10	F508del	G85E
			11	F508del	F508del

PS-CF, pancreatic sufficient cystic fibrosis; PI-CF, pancreatic insufficient cystic fibrosis
*Denotes subjects on CFTR modulator, ivacaftor