

Statistical Analyses for Part 1: Absolute Change From Baseline in Sweat Chloride Through Week 8

Statistical analysis title	Statistical Analyses for Part 1: Absolute Change From Baseline in Sweat Chloride Through Week 8				Analysis Type	Superiority			
Statistical analysis description	Estimates were obtained from MMRM with dependent variable absolute change from baseline, with treatment, sequence, period and visit within period (Weeks 2, 4, 8) as fixed effects, subject nested within sequence as a random effect, and with adjustment for the continuous baseline value of age, ppFEV1 and sweat chloride, using a compound symmetry covariance matrix.								
Comparison groups or subject analysis sets	Part 1: Ivacaftor versus Part 1: Placebo								
Number of subjects in this analysis	37								
Analysis specification	Pre-Specified								
Statistical hypothesis test									
P-value	<0.0001				Comment				
Method [Required if P-value provided]	Mixed Effects Model for Repeated Measures (MMRM)								
Parameter Estimate									
Parameter type	LS mean difference (Standard Error)								
Point estimate	-49.1667 (3.8702)								
Confidence interval	Level	95%	Sides	2-sided		Lower limit	-56.9527	Upper limit	-41.3807
Variability estimate (if applicable)	NA				Dispersion Value		NA		