

**Figure S1** Changes in lung function (FEV $_1$  in litres) through disease periods for each patient. (B $_0$ ) Stable pre-cystic fibrosis pulmonary exacerbation (CFPE), (E) CFPE, 30 days prior to treatment, (T) CFPE treatment, (R) recovery, 30 days post-CFPE treatment, and (B $_1$ ) stable post-CFPE. Patients 3 and 7 did not experience CFPE within the study, therefore only lung function data for disease period B $_0$  are given. In each instance, mean FEV $_1$  values are given per disease period. Error bars represent the standard deviation of the mean.