Welcome to the CReM's cystic fibrosis (CF) iPSC Biorepository. Through this website, you can access iPSC lines generated by reprogramming somatic cells (blood or fibroblasts) obtained with informed consent from patients with a variety of *CFTR* genotypes representing Class I, II, and III mutations. CF iPSCs are archived as frozen, shareable vials housed in the Center for Regenerative Medicine (CReM) at Boston University and Boston Medical Center. Please access the searchable catalog of these iPSC lines, where you can click on the "View all CF iPSC lines" button and where information on how to request the lines from our iPSC Core facility is also detailed.

Our CF biorepository includes iPSC lines from patients with the following *CFTR* genotypes (homozygous):

F508Del
G551D
W1282X

We have previously published characterization and assessment of CFTR function in airway epithelium derived from these iPSC lines here. Visit the Hawkins Lab (https://www.hawkins-lab.org) for details on protocols and relevant publications.

We thank the Cystic Fibrosis Foundation for funds that made the reprogramming of these iPSC lines possible, the NIH/NHLBI and NIH/NCATS for funds that have supported the maintenance and distribution of our iPSC lines, and most importantly the patient volunteers who generously donated the samples from which these iPSC lines were derived.