Streptococcus gordonii (S. gordonii), is a generally harmless bacterium that is abundant in the mouth. In the presence of Porphyromonas gingivalis, S. gordonii biofilms dissociate. This research focused on the effects of P. gingivalis on strep biofilms, and if different variants of P. gingivalis made a difference in the life cycle of S. gordonii biofilms. The research was conducted with standard S. gordonii, wild type P. gingivalis, and Δ1587 strain P. gingivalis. The S. gordonii strain was isolated from a plated colony and suspended in TSY until reaching a desired optical density, as well as the two different strains of P. gingivalis, wild type and Δ1587. The different types of strains were incubated in a 12-well plate with the S. gordonii, with plates on the bottom for the biofilms to adhere to. The plates were then viewed under an fluorescent microscope and P. gingivalis seemed to be presence in each biofilm of S. gordonii, but high levels of P. gingivalis was present in the S. gordonii biofilm with the mutant P. gingivalis Δ1587 strain. P. gingivalis disrupts S. gordonii biofilms.