A. *S. mitis*

B. *S. oralis*

C. *S. cristatus*

D. *S. gordonii*
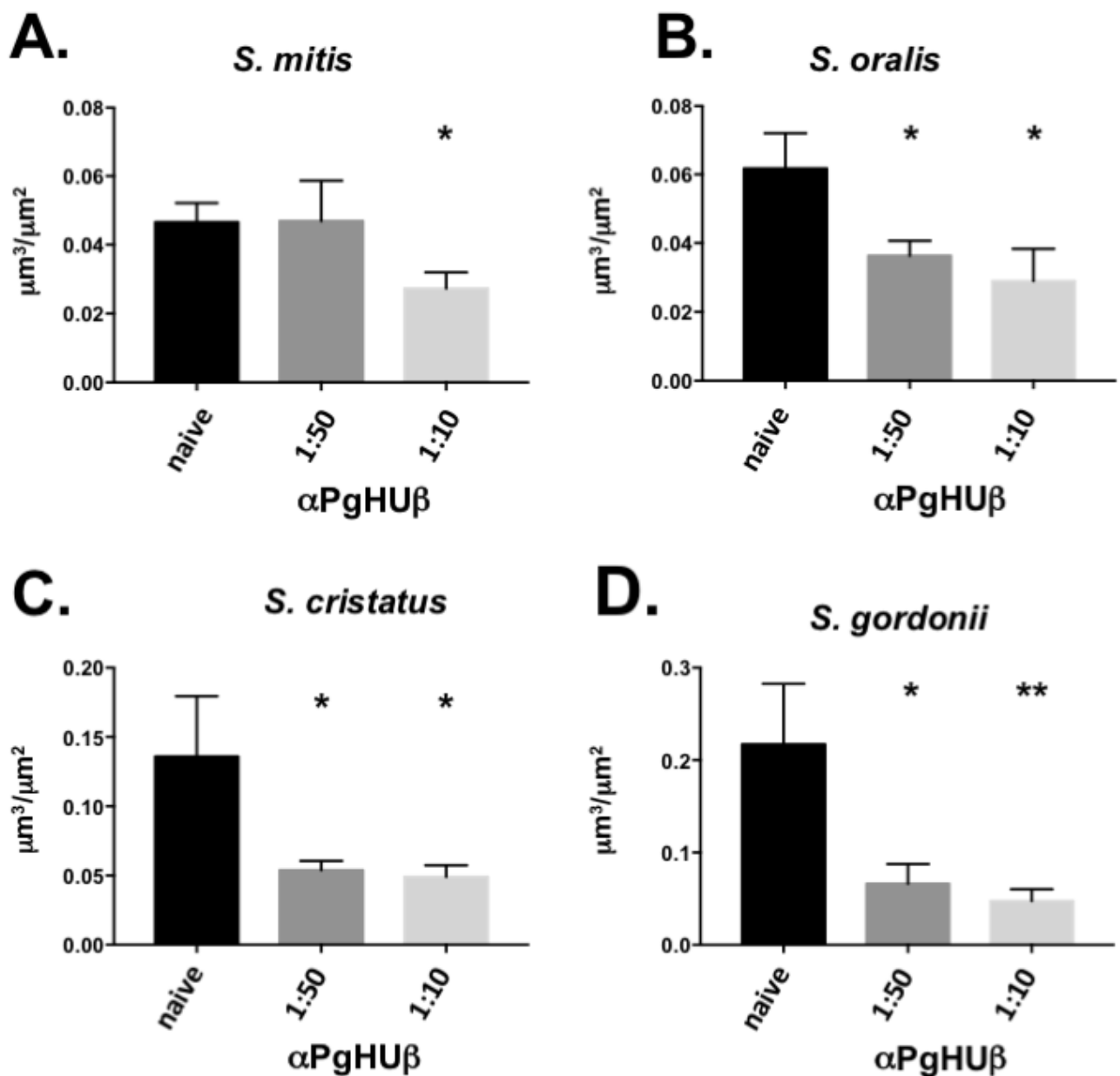
Figure S1 – No preincubation with *P. gingivalis* reduces the ability of αPgHUβ to prevent *P. gingivalis* from entering into streptococcal biofilm. Biofilms were grown for 24 h before addition of *P. gingivalis*. *P. gingivalis* and a 1:50 or 1:10 dilution of αPgHUβ antisera were mixed (less than 1 min) and added to streptococcal biofilms. Graphical representations of *P. gingivalis* entering into *S. mitis* (A), *S. oralis* (B), *S. cristatus* (C), or *S. gordonii* (D) demonstrate a decrease inability to prevent *P. gingivalis* entry at a 1:50 dilution but not at a 1:10 dilution. Dual species biofilms were grown for 16 h in THBHK. Cells were stained with carboxyfluorescein succinimidyl ester (CFSE). *P. gingivalis* was immunofluorescently labeled with a polyclonal anti-fimbrial primary antisera and a secondary goat anti-rabbit Alexa-Fluor 647 conjugated antibody and visualized using confocal scanning laser microscopy. P- values are indicated by asterisks: * - P ≤ 0.05, ** - P ≤ 0.01

A. *S. mitis*

B. *S. oralis*

C. *S. cristatus*

D. *S. gordonii*

Figure S2 – Washing *P. gingivalis* after incubation with αPgHUβ still decreases the ability of *P. gingivalis* to enter into streptococcal biofilm. Biofilms were grown for 24 h before addition of *P. gingivalis*. *P. gingivalis* and a 1:50 or 1:10 dilution of αPgHUβ antisera were pre-incubated for one hour, washed with PBS and resuspended in THBHK before addition to streptococcal biofilms. Graphical representations of *P. gingivalis* entering into *S. mitis* (A), *S. oralis* (B), *S. cristatus* (C), or *S. gordonii* (D) demonstrate a decreased ability to prevent *P. gingivalis* entry at a 1:50 dilution but not at a 1:10 dilution. Dual species biofilms were grown for 16 h in THBHK. Cells were stained with carboxyfluorescein succinimidyl ester (CFSE). *P. gingivalis* was immunofluorescently labeled with a polyclonal anti-fimbrial primary antisera and a secondary goat anti-rabbit Alexa-Fluor 647 conjugated antibody and visualized using confocal scanning laser microscopy. P-values are indicated by asterisks: * - P ≤ 0.05, ** - P ≤ 0.01.