



**Supplementary Figure 7:** Bars represent the maximum relative fluorescence of *T. pseudonana* during growth in co-culture with 5 different bacteria with 5 different bacteria that provides B<sub>12</sub> only with the addition of substrate (A-E) (corresponding growth curves can be seen in Figure S6) and with *S. litoralis* which inhibited the growth of the diatom (F) under different growth conditions. Grey bars represent maximum relative fluorescence of *T. pseudonana* in co-cultures without further additions, orange co-cultures with an additional substrate mix and red the co-cultures with B<sub>12</sub> additions.