



Supplementary. Fig. 1. (a) Changes in the absorbance of the solution during the nitrite reduction by TvNiRb with the use of reduced MV as the electron donor at three TvNiRb concentrations (2.3 , 4.6 , and 6.9×10^{-5} mg/ml; red, blue, and green lines, respectively) and during the oxidation of MV with nitrite under the same conditions (pH 7.0, 20°C) in the absence of TvNiRb (black line). (b) The plot of the oxidation rate of MV *versus* the TvNiRb concentration. The rates were calculated from the linear regions of the curves presented in (a), and then the oxidation rate of MV with nitrite in the absence of TvNiRb was subtracted from the calculated values.