## Bacteria-supported iron scraps for the removal of nitrate from low carbon-to-

## nitrogen ratio wastewater

Xiawei Liu<sup>a, b</sup>, Jian Xu<sup>a, b</sup>, Jiaolon g Huan g<sup>a, b</sup>, Manqi Huan g<sup>a, b</sup>, Tao Wan g<sup>a, b</sup>, Shaopan Bao<sup>a</sup>, Wei Tan g<sup>a</sup>, Tao

Fang a, b, \*

<sup>a</sup> Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan 430072, China

<sup>b</sup> University of Chinese Academy of Sciences, Beijing 100049, China

\* Corresponding author: Institute of Hydrobiology, Chinese Academy of Sciences, 7 Donghu South Road, Wuchang District, Wuhan 430072, China. E-mail address: fan gt@ihb.ac.cn (T. Fang).

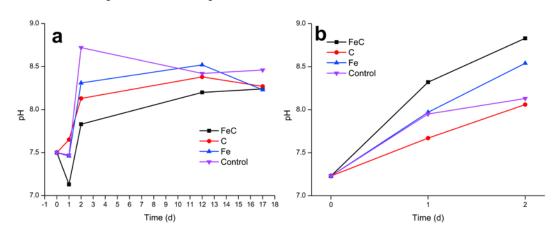


Fig. S1. Variations of pH in four systems (FeC, Fe, C and Control) during the experiment.

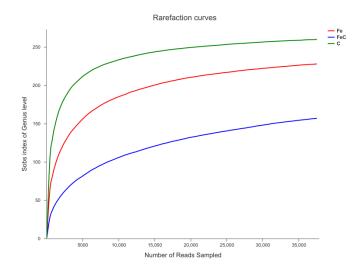


Fig. S2. Rarefaction curves obtained by high-throughput sequencing in different systems (FeC, Fe and C).