

## Supplementary Information

### Synergistic Effect between Anatase and Rutile TiO<sub>2</sub> Nanoparticles in Dye-Sensitized Solar Cells

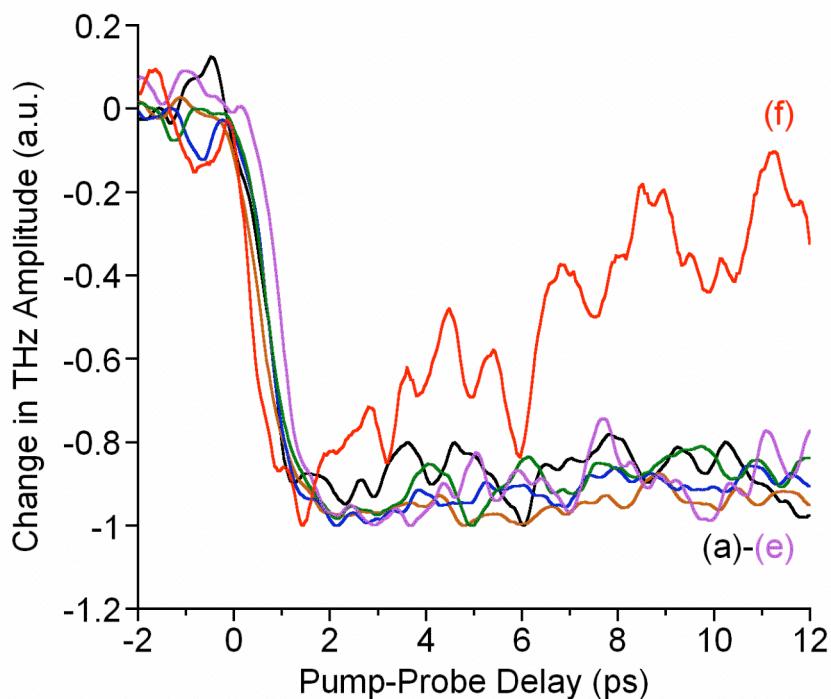
Gonghu Li, Christiaan P. Richter, Rebecca L. Milot, Lawrence Cai, Charles A. Schmuttenmaer\*, Robert H. Crabtree\*, Gary W. Brudvig\* and Victor S. Batista\*

*Department of Chemistry, Yale University, P. O. Box 208107, New Haven, CT 06520-8107*

\*To Whom Correspondence Should be Addressed.

E-mail Addresses: [charles.schmuttenmaer@yale.edu](mailto:charles.schmuttenmaer@yale.edu); [robert.crabtree@yale.edu](mailto:robert.crabtree@yale.edu);  
[gary.brudvig@yale.edu](mailto:gary.brudvig@yale.edu); [victor.batista@yale.edu](mailto:victor.batista@yale.edu)

### Supplementary Figure



**Figure S1.** Normalized 400 nm pump/THz probe of electron injection in N719-sensitized TiO<sub>2</sub> films: (a) R0, (b) R5, (c) R13, (d) R19, (e) R40, and (f) R100.