Supplementary material

Figure SM1. Comparison of the UV-Vis spectra of: a) final solution obtained when RuL2-TiO2 catalyst was vigorously stirred under visible light during 5 h and b) an aqueous suspension of RuL2 complex (1x10⁻⁵ M).

Figure SM2. Comparison of the UV-Vis spectra of: a) final solution obtained when RuL3-TiO2 catalyst was vigorously stirred under visible light during 5 h and b) an aqueous suspension of RuL3 complex (1x10⁻⁵ M).