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Supplementary Information

H/D solvent isotope effects on photoracemization reaction of enantiomeric tris(2,2′-bipyridine)ruthenium(II) complex and its analogues.

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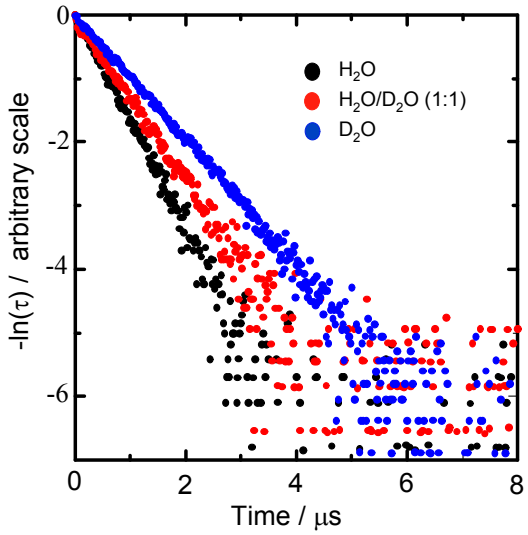

Figure S1. Emission decays for $[Ru(bpy)_3]^{2+}$ in H_2O, H_2/D_2O (1:1) and D_2O.

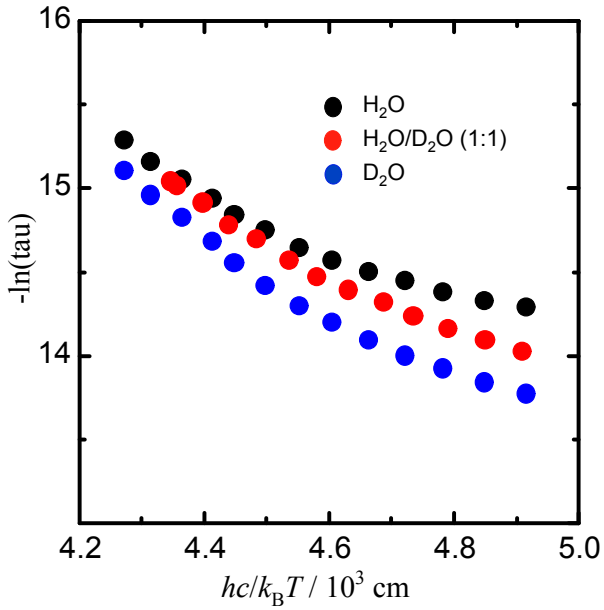

Figure S2. Temperature dependence in emission lifetimes for $[Ru(bpy)_3]^{2+}$ in H_2O, H_2/D_2O (1:1) and D_2O.

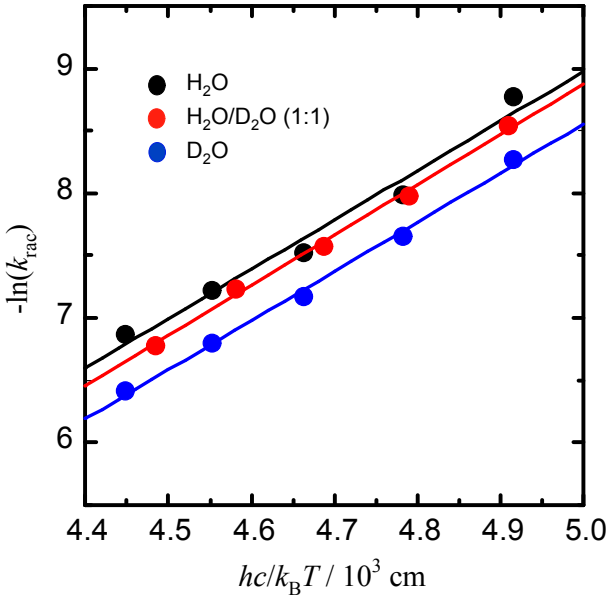

Figure S3. Temperature dependence in photoracemization rates for $[Ru(bpy)_3]^{2+}$ in H_2O, H_2/D_2O (1:1) and D_2O.