Figure 1. S. Maeda et al.
Figure 2. S. Maeda et al.
Figure S1  Time course of $^1$H NMR spectrum of 1 in CD$_3$CN at 70 °C in air. A peak marked with an asterisk * is due to solvated water.
Figure S2  X-ray crystal structures of (a) 2, (b) 3, and (c) 5 with thermal ellipsoids drawn at the 50% probability level.  One of the two crystallographically independent molecules of 2 and one of the two crystallographically independent molecules of 5 are shown.  Hydrogen atoms and PF$_6^-$ anions and solvated
ether molecules are omitted for simplicity.

Selected bond lengths (Å) and angles (deg):

(a) Ru1-C1, 2.008(6); Ru1-N1, 2.100(7); Ru1-N3, 2.084(7); Ru1-N5, 2.071(7); Ru1-N6, 1.998(7); Ru1-N7, 2.067(6); C8-C9, 1.320(13); C11-C12, 1.357(12); N1-Ru1-N3, 155.2(2); N5-Ru1-N7, 155.5(2); N6-Ru1-C1, 179.1(3).

(b) Ru1-N1, 2.004(3); Ru1-N2, 2.070(3); Ru1-N4, 2.070(2); Ru1-N5, 1.972(4); C5-C6, 1.512(7); N2-Ru1-N2*, 155.23(11); N4-Ru1-N4*, 158.11(11); N1-Ru1-N5, 0.0.

(c) Ru1-C1, 1.988(4); Ru1-N1, 2.099(3); Ru1-N3, 2.084(2); Ru1-N5, 2.068(3); Ru1-N6, 2.009(3); Ru1-N7, 2.055(2); C8-C9, 1.376(7); C11-C12, 1.468(7); N1-Ru1-N3, 154.18(12); N5-Ru1-N7, 156.53(13); N6-Ru1-C1, 174.24(13).
Figure S3  Cyclic voltammograms of (a) 1 and (b) 3 (1.0 mM) in CH$_3$CN containing [(n-Bu)$_4$N][PF$_6$] (0.1 M) under N$_2$.  Sweep rate = 50 mV s$^{-1}$.  

\[ \text{Potential / V vs. Ag}^+/\text{Ag} \]