



Time-resolved emission decay curves of **Ru(Ph)-NHCO-Os** (top) and **Ru-NHCO-Os** (bottom), as measured at 620 nm (a, Ru-based) and 740 nm (b, Os-based), by irradiation of sample solutions in N₂-purged acetonitrile (ca. 10⁻⁴M) with a nitrogen laser pulse (Hamamatsu Photonics LN120C2, 337nm) through a coumarin chromophore (447nm). The emission was then dispersed with a Hamamatsu Photonics C-2830 disperser and monitored on Hamamatsu Photonics M-2548 streak camera. Each dashed line represents laser pulse.

T. Akasaka *et al.*, Electronic Supplementary Information