

## **Tricarbonyl rhenium(I) tetrazolato and N-heterocyclic carbene complexes: versatile visible-light-mediated photoredox catalysts**

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### **Supporting Information**

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## I. Cyclic Voltammetry

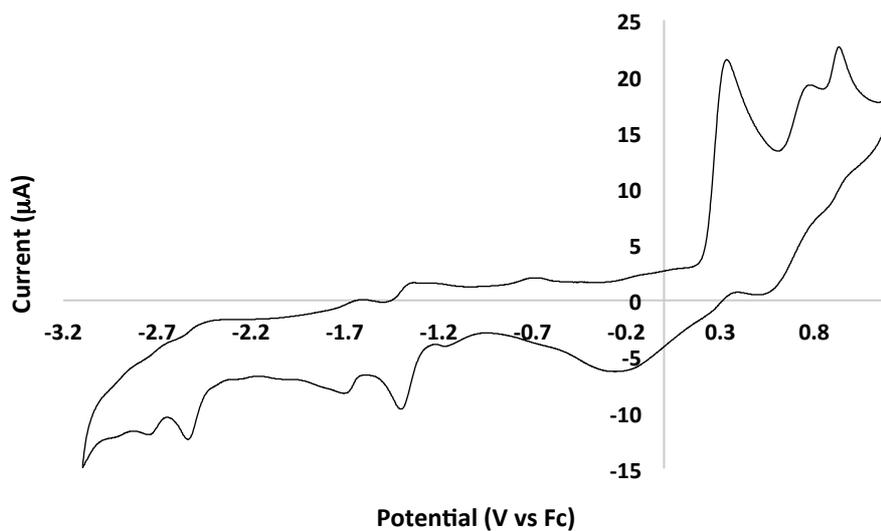


Figure S1A: Cyclic voltammogram of Re complex 1.

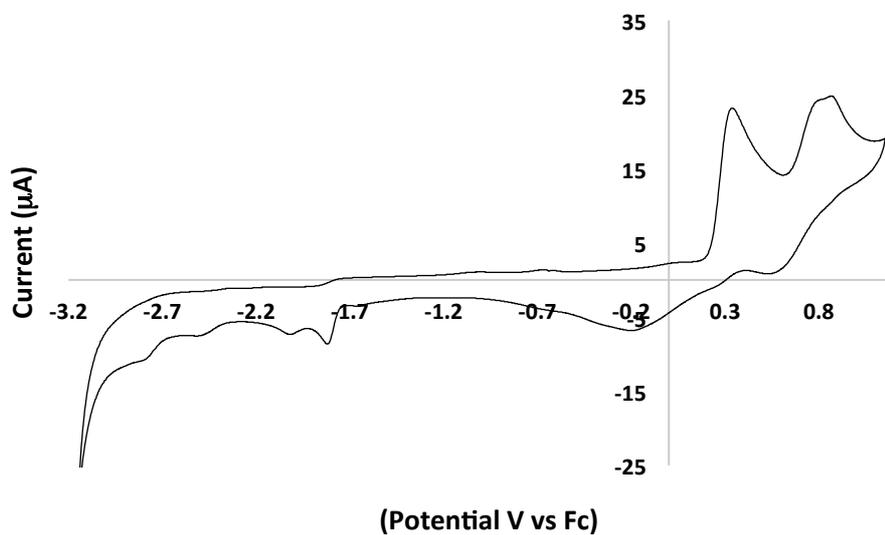


Figure S1B: Cyclic voltammogram of Re complex 2.

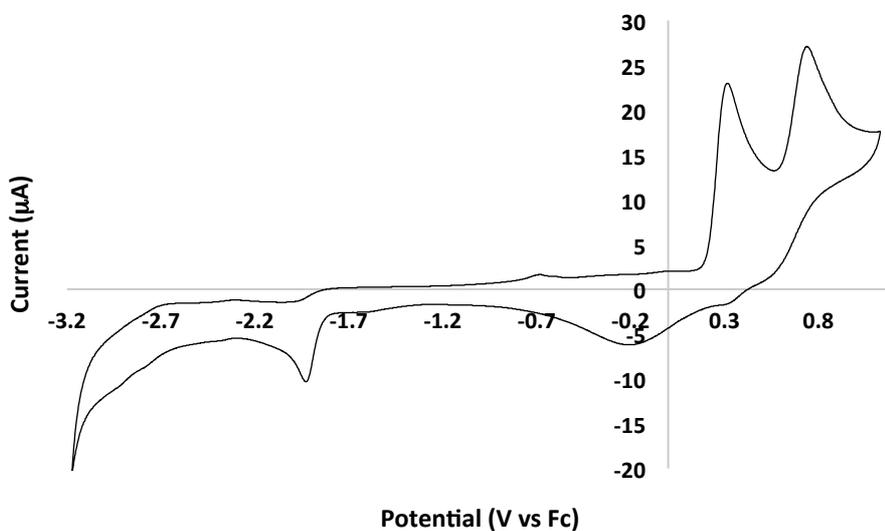
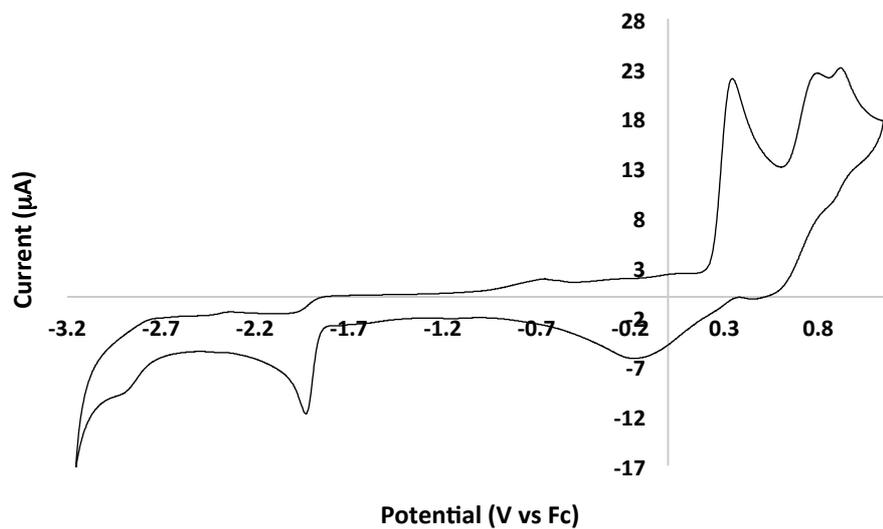
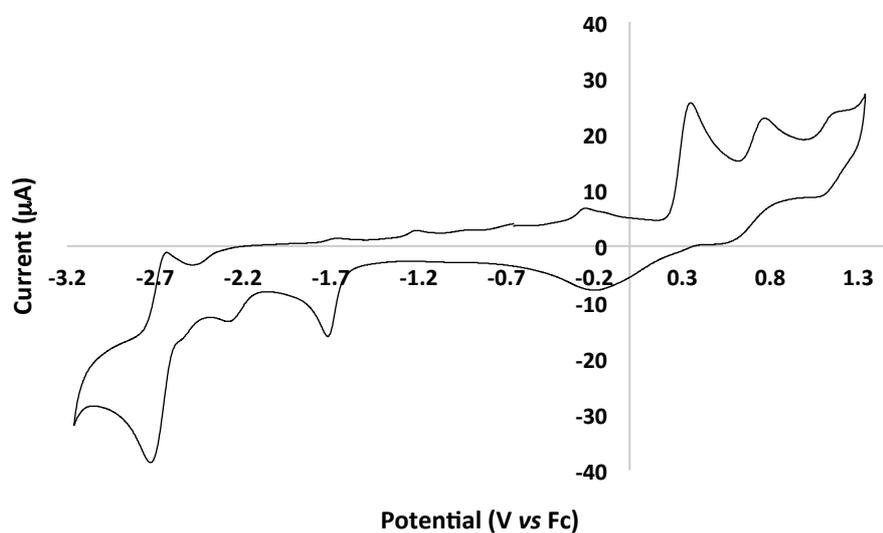


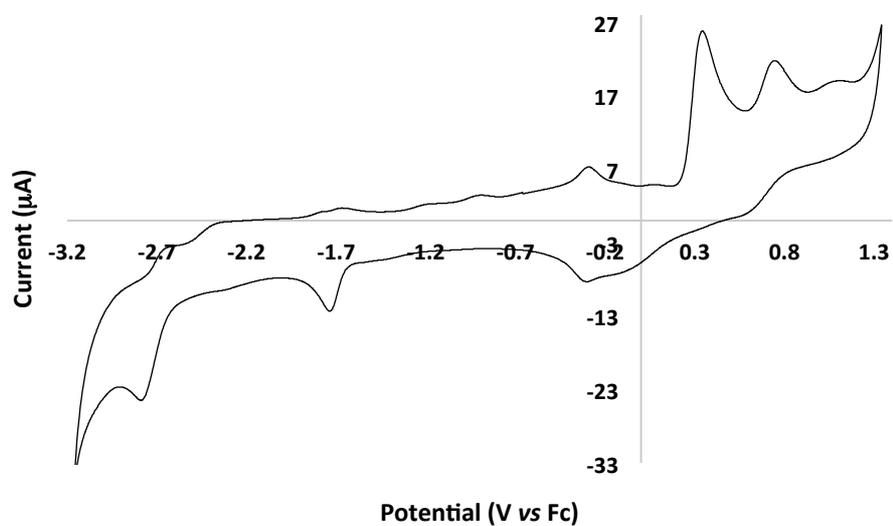
Figure S1C: Cyclic voltammogram of Re complex 3.



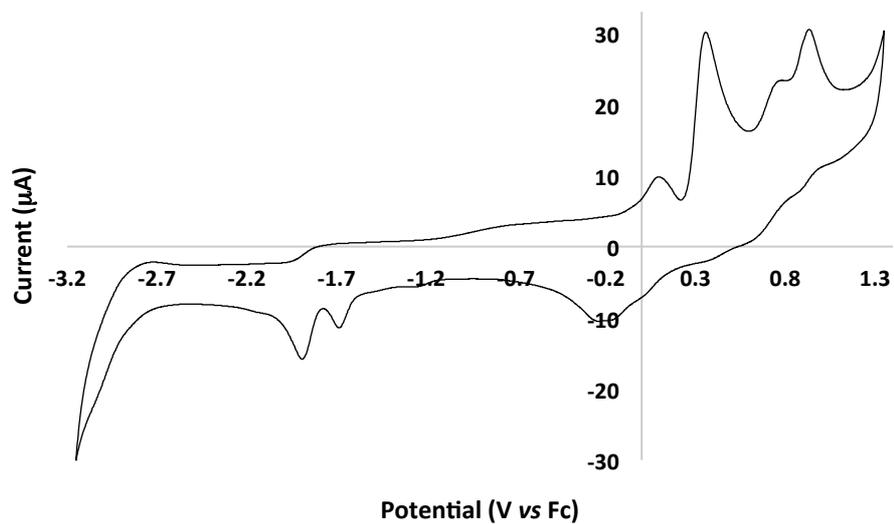
**Figure S1D:** Cyclic voltammogram of Re complex 4.



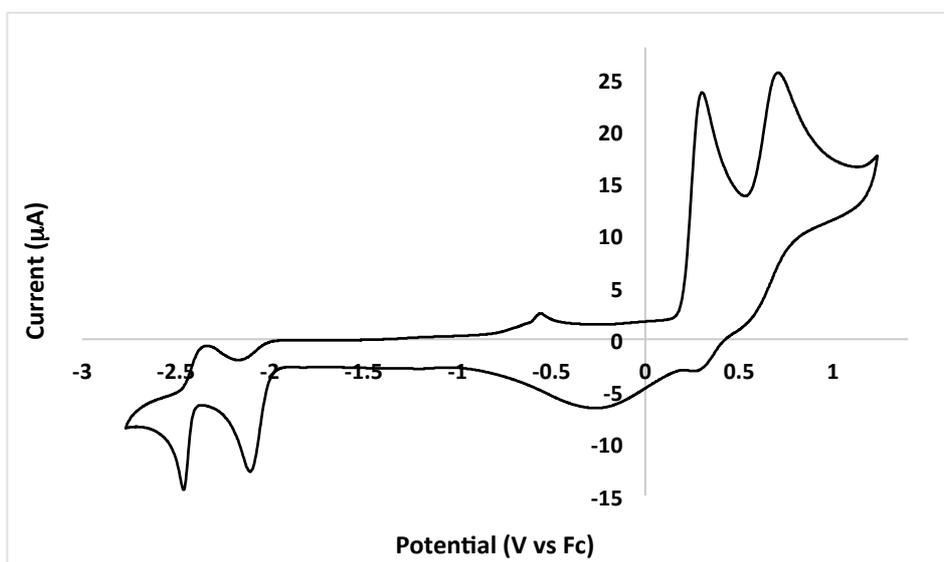
**Figure S1E:** Cyclic voltammogram of Re complex 5.



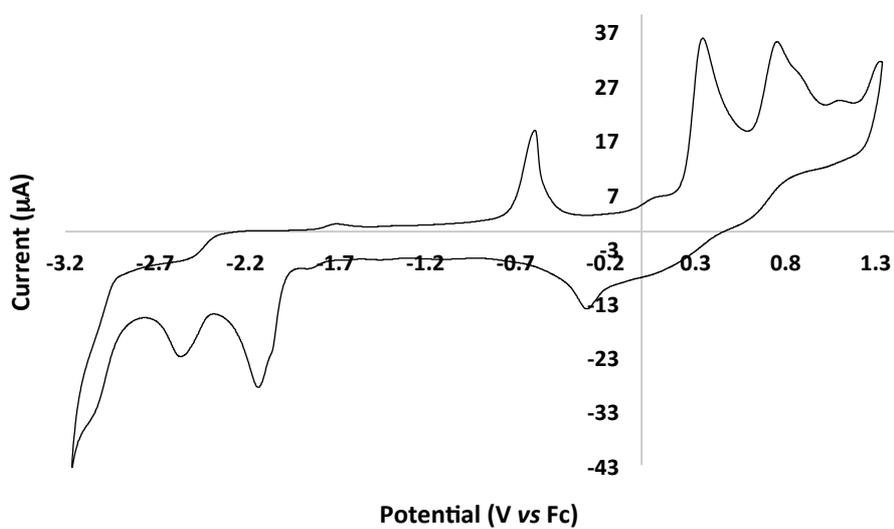
**Figure S1F:** Cyclic voltammogram of Re complex 6.



**Figure S1G:** Cyclic voltammogram of Re complex 7.



**Figure S1H:** Cyclic voltammogram of Re complex 8.



**Figure S1I:** Cyclic voltammogram of Re complex 9.

## II. $^1\text{H}$ & $^{13}\text{C}$ NMR Spectra

