Synthesis and Optoelectronic Characterization of
Conjugated Phosphorescent Polyelectrolytes with Neutral Ir Complex Incorporated into Polymer backbone and Their Neutral Precursors

Yong Zhang, Yunhua Xu, Qiaoli Niu, Wei Yang, Junbiao Peng, Xuhui Zhu, Yong Cao*

Institute of Polymer Optoelectronic Materials and Devices, Key Laboratory of Special Functional Materials of Ministry of Education, South China University of Technology,
Guangzhou 510640, P. R. China

*Corresponding Author: Yong Cao, Junbiao peng Fax: +86-20-87110606; Tel: +86-20-87114609; Email: poycao@scut.edu.cn, psjbpeng@scut.edu.cn
**Figure S1** Cyclic voltammograms of the neutral polymers films coated on platinum electrodes in 0.1 mol/L Bu₄NPF₆, CH₃CN solution (a) and the quaternized polymers (around 10⁻³ mol/L) in 0.1 mol/L Bu₄NPF₆, DMF solution (b).