Supplementary Information

Diaryl methylene-bridged Triphenylamine Derivatives Encapsulated with Fluorene: Very High $T_g$ Host Materials for Efficient Blue and Green Phosphorescent OLEDs

Cong Fan,$^a$ Yonghua Chen,$^b$ Zuoquan Jiang,$^a$ Chuluo Yang,*$^a$ Cheng Zhong,$^a$ Jingui Qin$^a$ and Dongge Ma*$_{a,b}$

$^a$ Department of Chemistry, Hubei Key Laboratory on Organic and Polymeric Optoelectronic Materials, Wuhan University, Wuhan 430072, P. R. China

$^b$ State Key Laboratory of Polymer Physics and Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, P. R. China

E-mail: clyang@whu.edu.cn

**Figure S1.** UV-vis absorption and PL spectra of BTPAFs in film
Figure S2. Power efficiency and external quantum efficiency (EQE) versus current density for (a) Device A-B; (b) Device C-D.