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**Highly Efficient Deep-Blue Electroluminescence Based on the Triphenylamine-Cored and Peripheral Blue Emitters with Segregative HOMO-LUMO Characteristics**

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Figure S1. The <sup>1</sup>H NMR spectra of TPA-AN.

Figure S2. The MALDI-TOF-MS spectra of TPA-AN.

Figure S3. The <sup>1</sup>H NMR spectra of TPA-PA.

Figure S4. The MALDI-TOF-MS spectra of TPA-PA.







