## Electronic Supplementary Information (ESI)

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Figure S1: Low temperature photoluminescence spectrum for the CBD samples measured at 11K. The peak energy positions are given in the plot.



Figure S2: Photoluminescence fits of data digitally extrated from Ahn *et al.*<sup>1</sup> for S2(a), S2(b) and S2(c), and Atourki *et al.*<sup>2</sup> for S2(d).



Figure S3: Photoluminescence fits of data digitally extrated from Florica  $et al.^3$  for S3(a), and Kushwaha and Aslam<sup>4</sup> for S3(b) and S3(c).



Figure S4: Photoluminescence fits of data digitally extrated from Dhara and Giri<sup>5</sup> for S4(a) and S4(b), and Čívek *et al.*<sup>6</sup> for S4(c) and S4(d).



Figure S5: Photoluminescence fits of data digitally extracted from Mamat $et\ al.^7$  for S5(a) and S5(b).



Figure S6: Photoluminescence fits of data digitally extracted from Iwu  $et \ al.^8$ .

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