Supporting Information for

Improving the performance of inverted twodimensional perovskite solar cells by adding antisolvent into perovskite precursor

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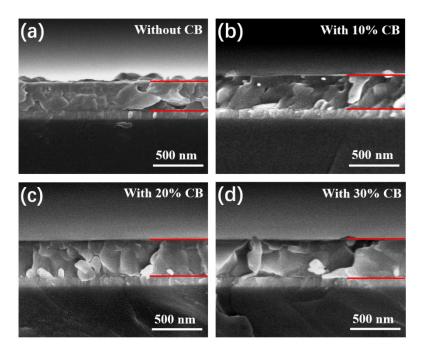


Fig. S1. Cross-sectional SEM images of perovskite films processed from precursor (a) without CB, (b) with 10% CB, (c) with 20% CB and (d) with 30% CB.



Fig. S2. Photographs of perovskite precursors without and with 10%, 20%, 30% and

40% CB

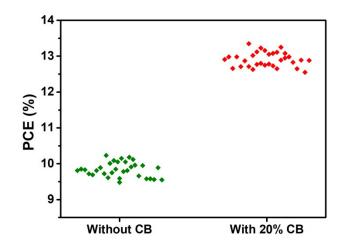


Fig. S3. Statistic PCE values for 32 individual PSCs processed from precursor without and with 20% CB.

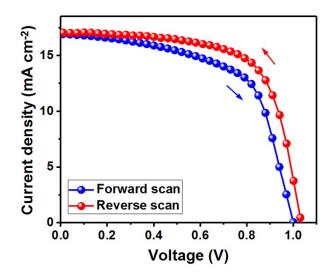


Fig. S4. Forward and reverse J-V characteristics of the best performance 2D PSC processed from precursor without CB.