Cite this: *J. Mater. Chem. C*, 2015, **3**, 9480

DOI: 10.1039/c5tc90155c

www.rsc.org/MaterialsC

Correction: Structural, optical, and electronic studies of wide-bandgap lead halide perovskites

Riccardo Comin,^a Grant Walters,^a Emmanuel Sol Thibau,^b Oleksandr Voznyy,^a Zheng-Hong Lu^b and Edward H. Sargent^{*a}

Correction for 'Structural, optical, and electronic studies of wide-bandgap lead halide perovskites' by Riccardo Comin *et al.*, *J. Mater. Chem. C*, 2015, **3**, 8839–8843.

There are two errors on the second page of this article. The first concerns the sentence "The monotonic trend in the lattice constant, which increases by $\sim 5\%$ from MAPbBr₃ to MAPbCl₃, confirms the progressive expansion of the unit cell." which should read "The monotonic trend in the lattice constant, which increases by $\sim 5\%$ from MAPbCl₃ to MAPbBr₃, confirms the progressive expansion of the unit cell." The second error concerns the plot in Fig. 1b, the correct version of this figure is as follows:

Fig. 1 (a) X-ray diffraction scans of Pb(Ac)₂-based thin films of MAPbBr_{3-x}Cl_x (continuous lines) on fluorine-doped tin oxide (FTO). Shaded area: background signal from a pure FTO substrate (corresponding peaks are marked with a star). Inset: magnified view of the (100) diffraction peak. (b) Evolution of the lattice parameter and Br-3d peak intensity vs. x . (c) XRD pattern of PbCl₂-based MAPbCl₃ over time, demonstrating structural stability of pure-Cl films in ambient conditions. The bottom bars mark the angular position of the powder XRD peaks in PbCl₂.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^a Department of Electrical and Computer Engineering, University of Toronto, 10 King's College Road, Toronto, Ontario, M5S 3G4, Canada. E-mail: ted.sargent@utoronto.ca

^b Department of Materials Science and Engineering, University of Toronto, 184 College Street, Toronto, Ontario M5S 3E4, Canada