Erratum: Hybrid-functional calculations with plane-wave basis sets: Effect of singularity correction on total energies, energy eigenvalues, and defect energy levels [Phys. Rev. B 80, 085114 (2009)]

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Due to mishandling of raw data, the values given in Fig. 7 did not correspond to our calculated results. Furthermore, the scale on the *x* axis was not given. The corrected version of the figure is given as Fig. 1 below. This change does not affect any other result nor the conclusion of the paper. In particular, the values reported in Table I are correct.

We thank Hannu-Pekka Komsa for drawing our attention to this point.

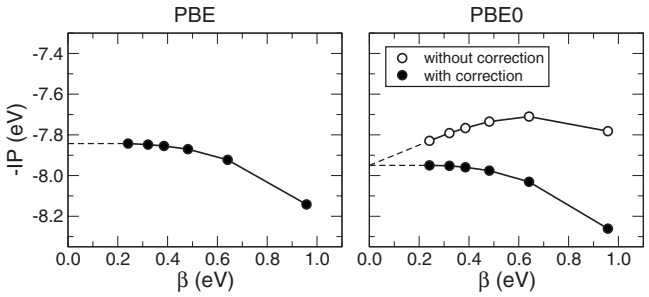

FIG. 1. Ionization potential (IP) of naphthalene calculated with the PBE (left panel) and PBE0 (right panel) functionals for cubic simulation cells vs singularity correction β, which scales like the inverse of the simulation cell size. For PBE0, closed and open symbols indicate values obtained with the singularity correction turned on and off, respectively.

