Correction:

Peter L. Freddolino, Marcus Dittrich, and Klaus Schulten. 2006. Dynamic Switching Mechanisms in LOV1 and LOV2 Domains of Plant Phototropins. *Biophys. J.* 91:3630–3639.

The following correction is noted in the Supplementary Material, second paragraph, item 1, which should read:

''For new parameters, we assigned all equilibrium distances and angles from QM optimized structures; these did not differ significantly from the crystal structures. New bond terms were calculated from a Hessian matrix for the molecule, and new angle terms were calculated by fitting the CHARMM angle potential to the QM calculated energies for a series of 11 perturbations within 1 degree of the equilibrium angle. The strength constant for new dihedral terms was assumed to be 2.0 kcal/mol for dihedrals involving 3 or more atoms within the plane of the FMN rings, and 0.0 for others.''

All calculations reported are correct, as are the topology and parameter files included as Supplementary Material.

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