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The D-ring, Not the A-ring, Rotates in *Synechococcus* OS-B' Phytochrome

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UV-vis absorbance maxima (λ_{\max} , nm) for the lowest energy ground state (after FR irradiation, underlined) and the spectral difference maximum after irradiation at the appropriate λ_{\max} for the native PCB and PΦB adducts and the λ_{\max} values for the same samples after denaturation in urea at pH 1.5.

	PCB adduct		PΦB adduct	
	Native	Denatured in acidic urea	Native	Denatured in acidic urea
SyB.Cph2(GAF)	<u>628</u> / 686	<u>663</u> / 603	<u>640</u> / 693	<u>673</u> / 610
Cph1(PAS-GAF-PHY)	<u>655</u> / 704	<u>663</u> / 603	<u>675</u> / 720	<u>673</u> / 610