



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_15532
Title of the Manuscript:	Diversity of Globins in Myxobacteria
Type of the Article	Minireview Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	None, very well written and straightforward manuscript	
<u>Minor</u> REVISION comments	None	
<u>Optional/General</u> comments	This rather thorough manuscript describes globins, using genetic methods, now found in myxobacteria. These proteins are found in many different organisms, with a primary role being oxygen binding. Evasion of host defence mechanisms and nitrogen metabolism have also been associated with globins in other bacteria. The presence of globins in myxobacteria is novel, evidently not being described in the literature before (as per authors). Overall, the data in this manuscript adds further information for a very unique group of bacteria. This reviewer found the information to be of future use, for those in the myxobacteria field, and as with much sequence-based data it is relatively dry (perhaps more so for those not in this field directly). Overall, the effort is well written and straightforward in presentation style. Very intriguing is the role these globins play in the complex lifecycle of these very social bacteria. This role is not the focus of this study, but opens up more opportunities for future research.	

Reviewer Details:

Name:	Anonymous
Department, University & Country	USA