



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.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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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)
Compulsory REVISION comments	It's a very interesting work having for a aim to compare different globins in Myxobacteria and to ask question about their real role in life cycle of these microorganisms.	
Minor REVISION comments	Authors can join 2 citations in the same brackets. For example in line 22 [2,3]. The same thing is observed in line 26, 25 and in the whole text. In line 22, there is a long sentence "The M family that comprises of flavohemoglobin (FHb) and single domain globin (SDgb); and the S family that is classified into Globin coupled sensor (GCS), Protoglobin (Pgb) and single domain sensor globins (SDSgb) display a canonical 3/3- α helical globin fold characteristic of metazoan globins [4], [5]. So this is my suggestion to avoid long sentences "The M family comprises of flavohemoglobin (FHb) and single domain globin (SDgb) while the S family is classified into Globin coupled sensor (GCS), Protoglobin (Pgb) and single domain sensor globins (SDSgb). Both of M and S globins display a canonical 3/3- α helical globin fold characteristic of metazoan globins [4, 5]. Change "an" to "a" in lines 27 and 28. In 35, I think that a comma plus and should be removed in the following sentence "Under nutrient limitation, a population of cells	Two or more than two citations have been joined throughout the text as suggested by the reviewer. The sentence has been modified as per the reviewer's suggestion. In lines 27 and 28, "an" has been changed to "a" In line 35, a comma plus and have been



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	aggregates, and forms a...” I think you have to change “is presented” to “are presented” in line 48. In the legend of the figure 1, do authors mean His 99 or His 95? In the same legend, authors should add that “sosogcs” means <i>S. cellulosum</i> So0157-2 (541aa). The followed sentence should be reformulated in line 159 “The role of only group III HbP characterized from <i>Campylobacter jejuni</i> is not very clear” . This is a suggestion : The role of the group III HbP characterized only from <i>Campylobacter jejuni</i> is not very clear” Reference number 34 in not cited in the text	removed. In line 48, “is presented has been changed to “are presented”. In the legend of figure 1, it is His 95 and it has been incorporated in the legend. “sosogcs” has been added at the indicated place. In line 159, the sentence has been modified as suggested by the reviewer. It is brought to the kind attention of the reviewer that reference 34 has been cited in the legend of figure 5.
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Optional/General comments	In table 1 to avoid confusion for the readers (concerning bacteria number 12 and 13), I suggest this:				In table 1, after correction for spacing, the accession number appears against the corresponding identified globin.
	12 <i>Sorangium cellulosum</i> 'So ce56' T2	T2 M Fhb GCS (His Kinase)^a Fhb (Ser Thr Kinase) ^a GCS (STAS) ^a SDSgb	133 152 660; 73-200 and 291-418 539; 15-156 850; 413-533 308; 8-153 192	YP_001615615.1 YP_001615728.1 YP_001611205.1 YP_001616656.1 YP_001617076.1 YP_001614734.1 YP_001610925.1	
	13 <i>Sorangium cellulosum</i> So0157-2 T2	T2 M M M Fhb GCS (His Kinase)^a SDSgb Pgb	133 150 137 131 662; 76-203 and 302-429 541; 16-163 192 194	YP_008152431.1 YP_008152565.1 YP_008148226.1 YP_008147795.1 YP_008147235.1 YP_008153517.1 YP_008146944.1 YP_008149083.1	