**RESPONSE TO REVIEWERS**

**Reviewer A:**

*ADDITIONAL COMMENTS*

*Please indicate the page numbers for suggested corrections.*

*Please, be as specific as possible if major correction by the author(s) is recommended! :*

*Please make a distinction if cDNA was used for cloning to P. pastoris vector.*

**We did not use cDNA for cloning to *P.pastoris*. We further expanded the statement in experimental section, subsection “Cloning cdh gene in pPICZαA vector“, in the first line, that we used synthetic gene synthesized by GenScript USA Inc. company. Text labelled with red color in brackets.**

*The Manuscript would benefit from native speaker revision.*

**The manuscript was read and checked by native English speaker, coauthor of this article. Changes labelled with red color.**

*Other suggestions are given below. Reviewed version of manuscript with line number added will be uploaded to JSCS website for the clarity of the remarks.*

*Line 16-18:* *Production of soluble cellobiose dehydrogenase (CDH) mutant proteins previously evolved on the surface of S.cerevisiae yeast cells was established for use in biosensors and biofuel cells. For this purpose…*

**Corrected**

*Line 18: …mutant cdh genes tm…*

**Corrected**

*Line 62: …three new mutant forms of…*

**Corrected**

*Line 71: cDNA of cdh gene (if cDNA was used instead of genomic fragment, please specify)*

**Neither cDNA or genomic fragment were used. We added more clear statement that gene was synthesized by GenScript company).**

*Line 83: using cDNA of wild type cdh gene (if cDNA was used instead of genomic fragment)*

**We did not used cDNA nor genomic fragment.**

*Line 199: “glycosylation level” rather than “glycosylation degree”*

**Corrected**

*Line 222-224: Sentence not clear. It seems that it states that* *H5 mutant protein had increased kcat for lactose while H5 and H9 mutant proteins had increased kcat for cellobiose compared to wtCDH?*

**We replaced the sentence with the one that Reviewer A suggested.**

*Line 228: …both for lactose…*

**Corrected.**

*Line 229-236: Sentence should be rearranged.*

**Corrected by rearrangement of the sentence as suggested.**

*Line 246-247: Temperature stability was slightly different between mutant proteins with* *the tm CDH being most stable, Fig. 6.*

**Corrected.**

*Line 256: …retained…*

**Corrected.**

*Line 257: …retained…*

**Corrected.**

*Line 263:* *Three CDH mutant proteins…*

**Corrected.**

*Line 270: mutant ezymes…*

**Corrected.**

*Line 274: … CDH mutant proteins…*

**Corrected.**

*Line 314: mutirani protein*

**Исправљено.**

*Line 316: mutirana proteina su imala neizmenjen pH…*

**Исправљено.**

*REPORT:*

 *The Manuscript would benefit greatly from the native speaker revision, I strongly suggest it if possible. Upon clarifying some minor points and language correction I recommend the manuscript for publishing without additional review.*

*In my opinion, this manuscript should:*

 *be published after minor revision without additional review*

**We thank reviewer A for opinion that article should be published after minor revisions that are suggested without additional review. We also hope that Editor will find that our revisions are done as Reviewer A asked.**

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**Reviewer B:**

*ADDITIONAL COMMENTS*

*Please indicate the page numbers for suggested corrections.*

*Please, be as specific as possible if major correction by the author(s) is recommended! :*

 *I have no additional comments.*

*REPORT:*

 *The authors responded adequately to my concerns.*

*In my opinion, this manuscript should:*

 *be published as is*

**We thank Reviewer B for accepting our article as it is.**