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| Book Name: | [**Research Perspective on Biological Science**](https://www.bookpi.org/bookstore/product/research-perspective-on-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4914** |
| Title of the Manuscript: | **Dosage effects of candidate genes in the 22q11.2 deletion syndrome a mini-review and promoter analysis of PRODH gene** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Research in Biotechnology, 3(6): 24-32, 2012.**

**Available:** [**https://updatepublishing.com/journal/index.php/rib/article/view/2344**](https://updatepublishing.com/journal/index.php/rib/article/view/2344)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript reviews interesting info upon dose-dependent effects of some genes in 22q11.2 region mainly focusing on *PRODH* gene in case of 22q11.2 deletion (DiGeorge/Velocardiofacial syndrome). Especially it is focused on impact of these genes upon neurodevelopment and, as consequence – on neurological aspects of mentioned syndromes. These aspects are studied from many perspectives, including genetic, anatomic and pathomofologic ones.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, article title is suitable.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes, it is comprehensive. My comments upon abstract are in grammar section.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, it is.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **Yes, references are quite recent, however some of them I would recommend to expand/append. See it in general comments section.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes, English language quality is quite good, however, I would suggest some corrections for the abstract: “Unique repetitive elements DNA” should be “Unique DNA repetitive elements”, “a source of copy number human genetic variation” should be “a source of human copy number genetic variation” or “a source of copy number variation in human genome”. And “risk for complex disease like SCZ” I would reformulate as “risc for complex disease like schizophrenia (SCZ)”, because it is first time this abbreviation is mentioned in this work. Maybe hyphenation should be checked.** |  |
| Optional/General comments | **In references number 40, 46, 47, 48, 61, 104, 105, 106, 107, 108, 109, 114 and 136 should be indicated at least approximative access time, because these references are web-based. Web-resources may be modified or even deleted, so access time information would help in checking infrormation using Web Archive. If a reference is made to some database like NCBI Gene Database or Genecards – link should lead to specific database entry, because these entries are versioned and subject to change in time (yet another need in acess time). Currently, references 46 and 48 are identical. Same for references 47 and 108 and 114 and 136.**  **Also I would suggest adding some information about studied genes in case of 22q11.2 duplication, to make review of its dose dependent effects more complete. But it is highly optional.** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** |  |  |

**Reviewer details:**

**Alexandr Dorif, IMSP IMC, Moldova**