Reviewer's report

Title: PROGgeneV2: Enhancements on the existing database.

Version: 4  Date: 16 October 2014

Reviewer: Artem Sokolov

Reviewer's report:

Major Compulsory Revisions

Please include an overview of related work. What other software performs gene-based survival analysis? What does PROGgeneV2 offer that the other software packages don't?

Minor Essential Revisions

The writing requires substantial improvement. For example:
- Abstract: "2 folds" -> "two folds"
- Line 32: "we have increased the repository of public studies catalogued in our tool almost 2 folds" -> "we have increased the repository of public studies catalogued in our tool by almost twofold"
- Line 66: "we have added additional datasets for existing cancer types, as well as have added datasets for new cancer types." -> "we have added additional datasets for new and existing cancer types"
- Line 77: The word "maximum" implies an upper limit, which is not the intended use of the word
- Line 80: "Table 1 enlists" -> "Table 1 lists"
- Line 84: "implications of ratio" -> "implications of a ratio"
- Line 87: "Added function" -> "Added a function"
- Line 90: "These signatures include signatures from curated" -> "These signatures include those from curated"

...and so on

Discretionary Revisions

Scrolling through dozens of datasets and results on a webpage is very tedious. Consider adding a more compact way to select datasets and a summary page of results.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published
Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests: I declare that I have no competing interests