Reviewer's report

Title: Evaluation of protein biomarkers of prostate cancer aggressiveness

Version: 2 Date: 18 March 2014

Reviewer: Charis Kalogirou

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Review report after revisions from Rizzardi et al. concerning the study entitled: “Evaluation of protein biomarkers of prostate cancer aggressiveness”

After the revisions, the study has improved significantly and should be accepted for publication in BMC cancer after the following discretionary revisions:

Please outline the limitations concerning lack of information about the (neo)adjuvant treatment of the study group more precisely, so that the reader can understand why this is of importance (could have impacted outcome etc.).

Just a closing statement: I am pleased, but as a clinician not fully convinced about the high-risk discussion. Now discussed and explained well in your covering letter and the paper I just want to add that including de-differentiated tumors in upcoming studies (in respect that gleason 5 pattern is biologically distinct from patterns 3+4) would be most desirable to shed some more light on these important, aggressive tumors!

Again, I would like to express my deference to this study, as it is conducted well with obvious great effort on the collected data and statistics section. Good work!