Reviewer’s report

Title: Whole exome sequencing of benign pulmonary metastasizing leiomyoma reveals mutation in the BMP8B gene

Version: 0 Date: 11 Aug 2017

Reviewer: Ping Yin

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The article by Sõritsa et al, "Whole exome sequencing of benign pulmonary metastasizing leiomyoma reveals mutation in the BMP8B gene" is a detailed case report. The study uncovered a possible deleterious somatic heterozygous de novo mutation in the BMP8B gene in pulmonary metastasis of uterine leiomyoma. The authors confirmed the uterine origin of the pulmonary lesion by X-chromosome inactivation assay. Interestingly, the mutation was not detected in uterine leiomyoma. The authors did not examine further the impact of the mutation on protein function because of limited tissue material. Although the article focused more on being descriptive and the conclusion was speculative, it contained valuable information to those with closely related research interests. The paper was well written and is suitable for publication.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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Yes

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Yes

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I am able to assess the statistics

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