Reviewer's report

Title: SDHC hemimethylation in gastrointestinal stromal tumors (GIST): a case report

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Reviewer: Xuming Hu

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The manuscript "SDHC hemimethylation in gastrointestinal stromal tumors (GIST): a case report" by Urbini et al. claimed to detect dSDH GIST without SDHx mutation but harboring hypermethylation in SDHC promoter. Here are some comments that would improve the paper.

Major concern:

1. There is only 2 CpG islands were selected for DNA methylation analysis of SDHC promoter. At least 3~6 CpG islands were selected for DNA methylation analysis.

2. For detecting methylation of SDHC promoter, there are lack control group, such as all other GIST samples, both SDHA-mutant and KIT/PDGFRA-mutant GIST.

3. There is no statistical analysis.

4. The author should showed that the association between SDHC mRNA expression levels and methylation of SDHC promoter.