Reviewer's report

Title: Prevalence of TPMT and ITPA gene polymorphisms and effect on mercaptopurine dosage in Chilean children with acute lymphoblastic leukemia

Version: 2 Date: 16 September 2013

Reviewer: Gabriele Stocco

Reviewer's report:

The authors revised the article properly.

However, this reviewer has still two minor suggestions:
- check that ITPA rs1127354 is C198A transversion: shouldn’t be 194C>A or 94C>A? (http://www.pharmgkb.org/rsid/rs1127354)
- change "TPMT mutant" with "TPMT variant" (second paragraph of results)
- add rs numbers of the SNPs genotyped.

Some parts of the text of the manuscript still need improvement in term of English language and editing.

Level of interest: An article of importance in its field

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:

none