Reviewer’s report

**Title:** Prevalence of TPMT and ITPA gene polymorphisms and effect on 6-mercaptopurine dosing in Chilean Children with Acute Lymphoblastic Leukemia

**Version:** 1 **Date:** 25 June 2013

**Reviewer:** Gauri Kapoor

**Reviewer’s report:**

1. Although the study does not present anything novel and this subject already has multiple publications, however as childhood ALL is a curable disease and toxicity reduction is therefore important. Pharmacogenetic analysis do help identify patients at risk of drug toxicity.

2. Overall language and grammar need significant editing in entire manuscript - (some are highlighted in the manuscript)

3. page 7 last few lines: As both groups had similar toxicities authors cannot conclude on the basis of their study that screening will reduce adverse reactions!

**Level of interest:** An article whose findings are important to those with closely related research interests

**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:**

no competing interest