Reviewer's report

Title: TCF7L2 and therapeutic response to sulfonylureas in patients with type 2 diabetes

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Reviewer: marie pigeyre

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This study examines the effect of the TCF7L2 genotype (rs7903146) on the hypoglycaemic response to sulfonylureas in type diabetic patients and shows that patients carrying the diabetes risk alleles at TCF7L2 have an earlier secondary failure of sulfonylureas.

The structure and the methodology of this paper are correct.

2 major revisions:
I think the pretreatment HbA1c should be added in the univariate regression logistic, because it is probably a predictor factor of sulfonylurea failure.

It would have been interesting to study also the rs12255372 at TCF7L2, because it is also associated of the increased risk of T2D.

This study replicates the previous findings of the GoDARTs study. So, even if there are some methodological differences, the new knowledge brought by these data remains limited.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests