Reviewer's report

Title: Polymorphisms of interleukin-21 and interleukin-21-receptor genes confer risk for autoimmune thyroid diseases

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Reviewer: BOUGACHA-ELLEUCH Noura

Reviewer's report:

This is an interesting work giving evidence for a genetic association between IL21-IL21R genes polymorphisms and AITD and mainly HT.

Minor Essential Revisions:
1- The manuscript should be reread to correct many English mistakes, mainly in the introduction and discussion sections.
2- Authors should add the different SNPs positions relative to the described genes (IL21 and IL21R genes).
3- In the results section, authors report a CI of 1.459-94.130 (Association of IL21 gene polymorphisms with GD and HT section). This range of CI is strange. How authors could explain it?
4- In the discussion section, authors should discuss the different modes of transmission (recessive, dominant..).
5- In table 3, the sum of many genotype frequencies is not 100.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests.