Reviewer's report

Title: Comprehensive analysis of RET common and rare variants in a series of Spanish Hirschsprung patients confirms a synergistic effect of both kinds of events

Version: 3 Date: 26 September 2011

Reviewer: Robert Hofstra

Reviewer's report:

The authors answered most of my concerns satisfactory
I was only somewhat confused by the second conclusion (in the conclusions section). The authors state that the variant rs2565206 is restricted to males in HSCR, which seems not true.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

declare that I have no competing interests'