

Respected reviewer and editor:

Thank you for your reviewing and suggesting for our manuscript. Your rigorous scientific attitude and valuable suggestions have greatly helped improve the quality of our articles. The revised manuscript has been uploaded together with a point-to-point response to the comments. The “Case Presentation” section has been written according to the Guidelines and Requirements for Manuscript Revision, and added the “FINAL DIAGNOSIS”, “TREATMENT”, and “OUTCOME AND FOLLOW-UP” sections.

Title: Gene names (“MC4R”) should be written in italics.

Response: Done.

Pay attention to the paragraph format, “text-justify” would be better.

Response: Done.

Line 7: Noted the space after the comma in English.

Response: Done.

Figures in Fig.1 were not clear enough, you should replace it with high-definition pictures.

Response: Done. High-definition figures have been resubmitted.

In the vast majority of cases, the caption should be placed below the picture.

Response: Done.

The experiments and data analysis could be more specific (How to detect hormone levels and what is the normal range of hormones?).

Response: Melatonin was detected in saliva with liquid chromatography tandem mass spectrometry (LC-MS/MS) as described by Jensen. (See Jensen MA, Hansen AM, Abrahamsson P, Nørgaard AW. Development and evaluation of a liquid chromatography

tandem mass spectrometry method for simultaneous determination of salivary melatonin, cortisol and testosterone. *J Chromatogr B Analyt Technol Biomed Life Sci* 2011; 879: 2527-2532 [PMID: 21803007 DOI: 10.1016/j.jchromb.2011.07.005] Plasma ACTH and cortisol levels were detected by using radioimmunological methods. Normal as reference as been added in table 1.