METHODS FOR THE TREATMENT OF INSULIN RESISTANCE AND DISEASE STATES CHARACTERIZED BY INSULIN RESISTANCE

ABSTRACT

The MINOR and TR3 genes are disclosed to be insulin responsive genes differentially expressed as a function of insulin resistance and Type 2 Diabetes in humans and a variety of well characterized animal models. The present disclosure shows that MINOR and TR3 have a functional role in insulin resistance. Therefore, MINOR and TR3 are attractive and novel therapeutic targets for combating insulin resistance and/or disease states and conditions characterized by insulin resistance. Correlation of insulin resistance and disease states and conditions characterized by insulin resistance, including Type II diabetes, with MINOR and TR3 gene expression are also disclosed. Methods of diagnosis, treatment and prevention are likewise disclosed for the treatment and/or prevention of insulin resistance and disease states or conditions characterized by insulin resistance.

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