

NOVEL FETAL MARKERS FOR PRENATAL DIAGNOSIS AND MONITORING

ABSTRACT

This application provides the use of novel fetal markers for prenatal diagnosis and monitoring of certain pregnancy-related conditions. More specifically, the invention resides in the discovery that certain CpG islands located on fetal chromosome 21 demonstrate a methylation profile that is distinct from that of the corresponding CpG islands located on maternal chromosome 21. This application also provides kits for diagnosing or monitoring of the relevant conditions.

(Fig. 1A)