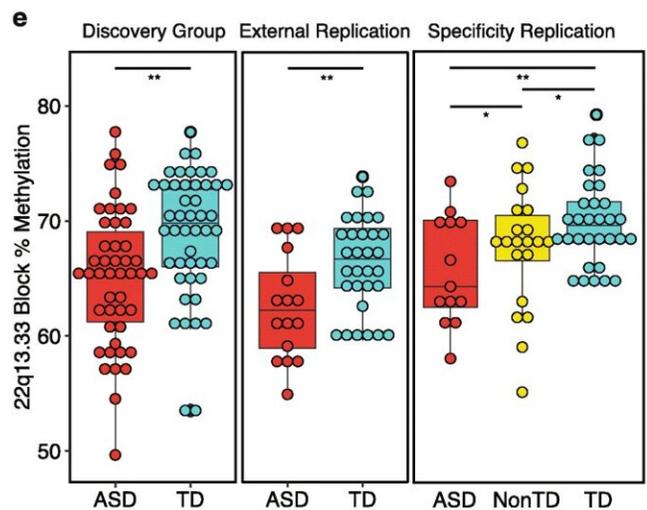
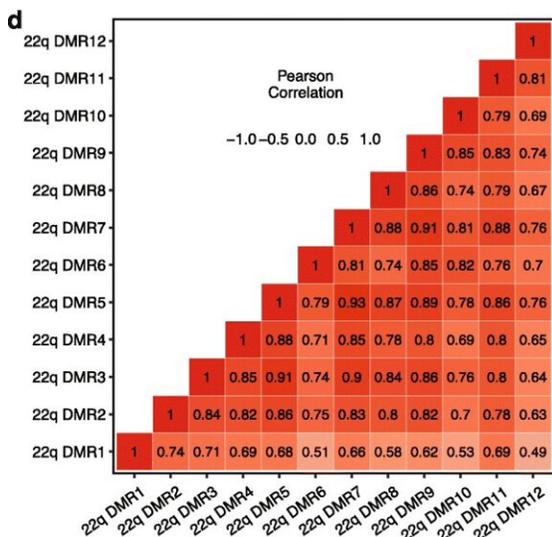
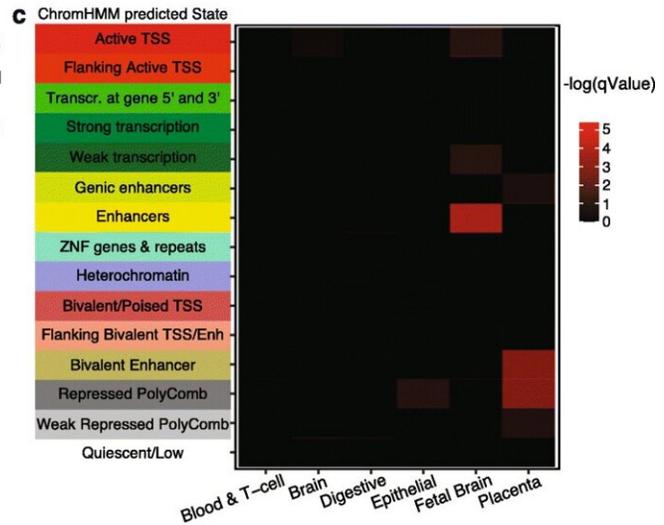
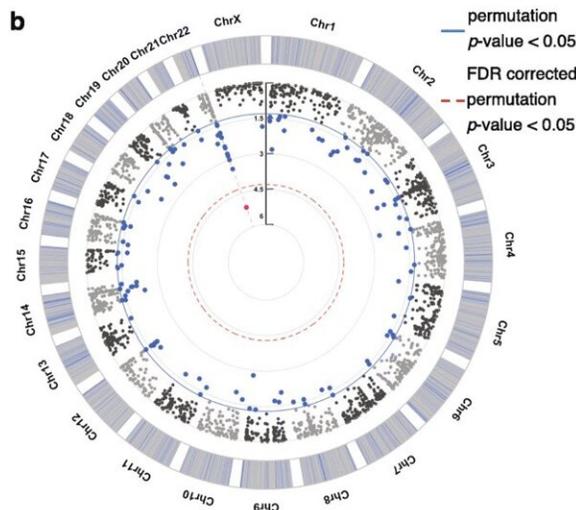
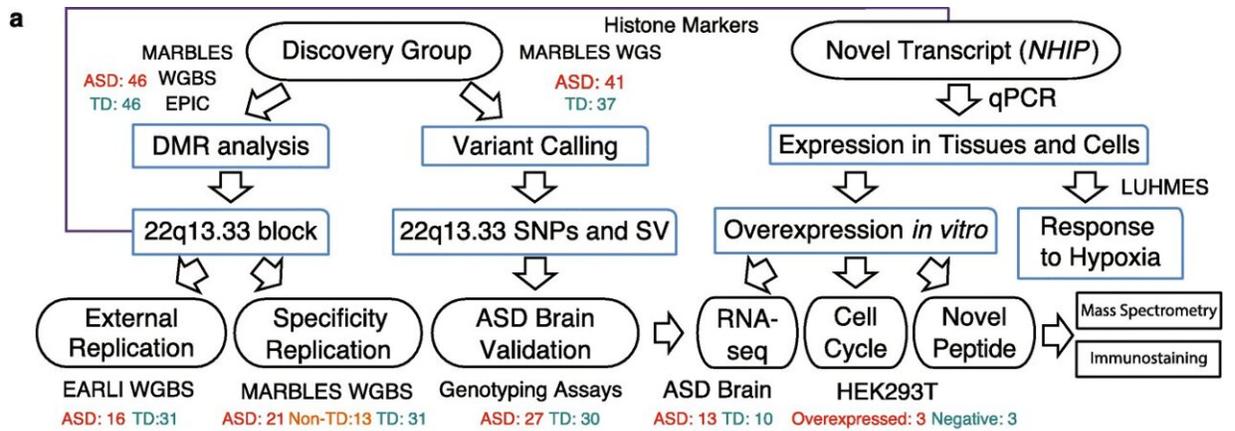


# Placenta may hold clues for early autism diagnosis and intervention

February 18 2022

---



ASD-associated DMRs are enriched at fetal brains enhancers and a co-methylated block at 22q13.33 replicates across studies and platforms. A

Schematic of the experimental design for discovery of ASD DMRs, replication of the co-methylated 22q13.33 locus, genetic associations, and functional follow-up of a novel gene (NHIP). B Circular Manhattan plot of the epigenome-wide association of DNA methylation in placenta with ASD diagnosis at 36 months. Results are represented as DMR association test results ( $-\log_{10}(p)$ ). Significant thresholds are blue for permutation p value

Citation: Placenta may hold clues for early autism diagnosis and intervention (2022, February 18) retrieved 2 July 2023 from <https://medicalxpress.com/news/2022-02-placenta-clues-early-autism-diagnosis.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.