Research may lead to new insights on the genetics of height
4 August 2021

A study published in the Journal of Bone and Mineral Research points to genes and gene pathways that are strong candidates to influence the genetic regulation of human height.

The study examined data from genome-wide association studies of human height, which have identified numerous height-associated regions in the human genome, and assessed the expression of these genetic regions in different layers of the growth plate, or areas of new bone growth during childhood.

"Our results point to genes expressed in earlier stages of chondrocyte differentiation as most influencing human height," Nora Renthal, MD, Ph.D., of Boston Children's Hospital and Harvard Medical School.

APA citation: Research may lead to new insights on the genetics of height (2021, August 4) retrieved 15 August 2021 from https://medicalxpress.com/news/2021-08-insights-genetics-height.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.