

## **CCR5 Genotype May Confer Resistance to Vertical HIV-1**

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Investigators believe that children who inherit the homozygous delta 32 CCR5 genotype may be protected from vertical HIV-1 infection. The homozygous delta 32 CCR5 genotype has been observed to confer resistance in adults. Dr. Sean Philpott, of the New York State Department of Health in Albany, and colleagues, investigated by determining the CCR5 genotype in 552 infants born to women infected with HIV-1. The researchers, who reported their findings in the July 1st issue of the Journal of Acquired Immune Deficiency Syndromes, suggest that the delta 32 homozygous genotype may provide resistance against both sexual and parental transmission of HIV-1.

[See the topic on aegis.org](#)