

Hair Thickness: It's in Your Genes



play+aef53864f0, we could not determine your chances of having thick hair strands.

What makes hair thicker or thinner?

How thick or thin your individual strands of hair are depends on the size and shape of your hair follicles. Typically, people of East Asian descent have thicker hair strands than people of African or European descent.



Your genotype at one tested marker

One genetic marker seems to play a big role in determining the thickness of your hair strands. This genetic marker is in a gene called EDAR that is important for hair follicle development. Unfortunately, **we could not determine your result at this marker.** This can happen because of random test error or other factors that interfere with the test.

MARKER TESTED	YOUR GENOTYPE
rs3827760	--
Result: Result not determined	



Scientific Details ^

Results based on genetic associations found in the following studies:

Fessing MY et al. (2006). "Involvement of the Edar signaling in the control of hair follicle involution (catagen)." *Am J Pathol.* 169(6):2075-84.

Fujimoto A et al. (2008). "A scan for genetic determinants of human hair morphology: EDAR is associated with Asian hair thickness." *Hum Mol Genet.* 17(6):835-43.

Fujimoto A et al. (2008). "A replication study confirmed the EDAR gene to be a major contributor to population differentiation regarding head hair thickness in Asia." *Hum Genet.* 124(2):179-85.

Kamberov YG et al. (2013). "Modeling recent human evolution in mice by expression of a selected EDAR variant." *Cell.* 152(4):691-702.

Mou C et al. (2008). "Enhanced ectodysplasin-A receptor (EDAR) signaling alters multiple fiber characteristics to produce the East Asian hair form." *Hum Mutat.* 29(12):1405-11.

Vohr SH and Green RE. (2013). "A mouse following in the footsteps of human prehistory." *Cell.* 152(4):667-8.

Keep in mind that this result is for informational purposes only.

Did you find this interesting?

Yes

No



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- Browse Raw Data

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- Questions
- Search & Edit Answers
- Discoveries
- Publications

Hair Thickness: It's in Your Genes



play+899dd6e99f, your genetics make you **less likely** to have thick hair strands.

What makes hair thicker or thinner?

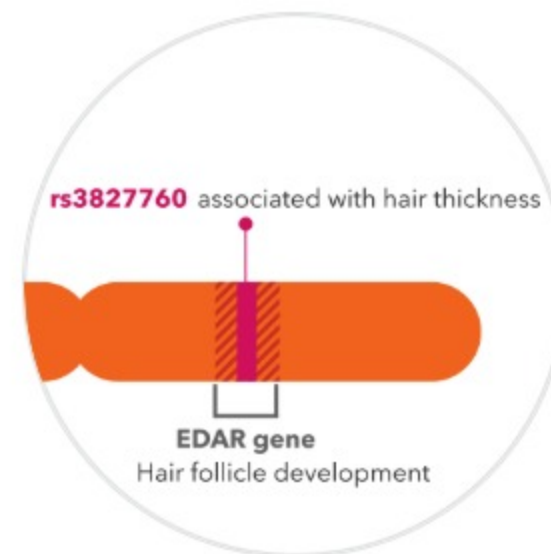
How thick or thin your individual strands of hair are depends on the size and shape of your hair follicles. Typically, people of East Asian descent have thicker hair strands than people of African or European descent.



Your genotype at one tested marker

One genetic marker seems to play a big role in determining the thickness of your hair strands. This genetic marker is in a gene called EDAR that is important for hair follicle development. Your genetic variants at this marker are associated with **lower chances** of having thick hair strands.

MARKER TESTED	YOUR GENOTYPE
rs3827760	AA
Result: Less likely to have thick hair strands	



Scientific Details

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Fessing MY et al. (2006). "Involvement of the Edar signaling in the control of hair follicle involution (catagen)." *Am J Pathol.* 169(6):2075-84.

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What makes hair thicker or thinner?

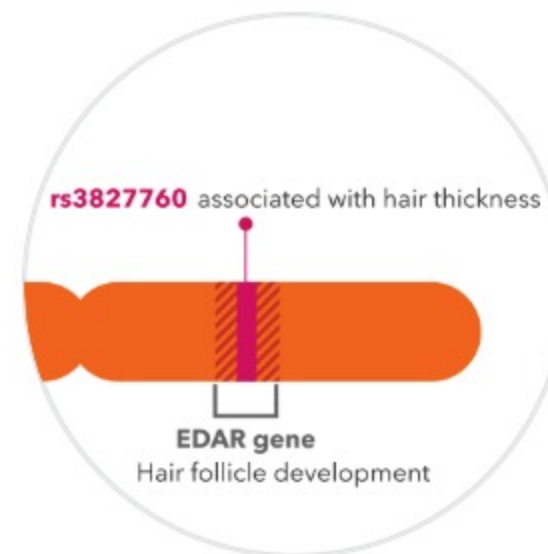
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Your genotype at one tested marker

One genetic marker seems to play a big role in determining the thickness of your hair strands. This genetic marker is in a gene called EDAR that is important for hair follicle development. Your genetic variants at this marker are associated with **higher chances** of having thick hair strands.

MARKER TESTED	YOUR GENOTYPE
rs3827760	AG
Result: More likely to have thick hair strands	



Scientific Details ^

Results based on genetic associations found in the following studies:

Fessing MY et al. (2006). "Involvement of the Edar signaling in the control of hair follicle involution (catagen)." *Am J Pathol.* 169(6):2075-84.

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