

Disease

Beta-thalassemia^{1, 2, 3}

Gene

HBB

Inheritance	AR
Current Treatments	gene therapy (betibeglogene autotemcel - clinical trial), red cell transfusions, bone marrow transplantation (Hematopoietic Stem Cell Transplantation (HSCT)), Luspatercept
Evidence for Treatment	guideline ⁴
Non-Molecular Testing Availability	yes
Non-Molecular Test	complete blood count, qualitative and quantitative hemoglobin analysis ¹
Disease Frequency (per 100,000)	7 ⁵
Genes Included in Disease Frequency	HBB
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=Beta-Thalassemia&term=&cntry=&state=&city=&dist=

References

- ¹ <https://www.ncbi.nlm.nih.gov/books/NBK1426/>
- ² <https://pubmed.ncbi.nlm.nih.gov/33283989/>
- ³ <https://pubmed.ncbi.nlm.nih.gov/34891223/>
- ⁴ <https://thalassemia.com/documents/SOCGuidelines2012.pdf>
- ⁵ <https://www.ncbi.nlm.nih.gov/pubmed/10192451>