Rx-Genes
Treatment Guidance at the Point of Care

Disease

Alpha-thalassemia[1, 2]

Gene

HBA2

Inheritance	AR
Current Treatments	Red cell transfusions, bone marrow transplantation (Hematopoietic Stem Cell Transplantation (HSCT))
Evidence for Treatment	guideline[3]
Non-Molecular Testing Availability	yes
Non-Molecular Test	complete blood count, qualitative and quantitative hemoglobin analysis[1]
Disease Frequency (per 100,000)	5.05[4]
Genes Included in Disease Frequency	HBA1, HBA2
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=Alpha-Thalassemia&term=&cntry=&state=&city=&dist=

References

[1] https://www.ncbi.nlm.nih.gov/books/NBK1435/

[2] https://omim.org/entry/141850

[3] https://thalassemia.com/documents/SOCGuidelines2012.pdf

[4] https://www.orpha.net/consor/cgi-bin/OC_Exp.php?lng=EN&Expert=846