Rx-Genes
Treatment Guidance at the Point of Care

Disease

Glycogen storage disease Ib[1, 2]

Gene

SLC37A4

Inheritance	AR
Current Treatments	corn starch, nighttime intragastric continuous glucose infusion, allopurinol, statin, granulocyte-colony stimulating factor (G-CSF), empagliflozin
Evidence for Treatment	guideline[3, 4]
Non-Molecular Testing Availability	yes
Non-Molecular Test	glucose tetrasaccharide[5]
Disease Frequency (per 100,000)	1[1]
Genes Included in Disease Frequency	G6PC, SLC37A5
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=Glycogen+Storage+Disease+I&term=&cntry=&state=&city=&dis

References

[1] https://www.ncbi.nlm.nih.gov/books/NBK1312/#gsd1.Summary

[2] https://pubmed.ncbi.nlm.nih.gov/35503103/

[3] http://www.bimdg.org.uk/store/guidelines/ER-GSD1b-v4_290801_09092016.pdf

[4] https://www.ncbi.nlm.nih.gov/pubmed/25356975

[5] https://pubmed.ncbi.nlm.nih.gov/32655139/