

Disease

Wolfram syndrome 1^{1, 2}

Gene

WFS1

Inheritance	AR and AD
Current Treatments	Insulin, DDAVP, levothyroxine
Evidence for Treatment	expert opinion
Non-Molecular Testing Availability	yes
Non-Molecular Test	glucose tolerance test, hemoglobin A1C, insulin level, glucose, TSH levels, hearing test, eye exam ¹
Disease Frequency (per 100,000)	0.87 ³
Genes Included in Disease Frequency	ABCC8, GCK, INS, KCNJ11, SLC19A2, PDX1, GATA4, GATA6, PTF1A, EIF2AK3, GLIS3, RFX6, NEUROD1, NEUROG3, PAX4, WFS1, MNX1, NKX2-2, IER3IP1
Experimental / Investigational Therapies	https://clinicaltrials.gov/ct2/results?cond=Wolfram+Syndrome&term=&cntry=&state=&city=&dist=

References

- ¹ <https://www.ncbi.nlm.nih.gov/books/NBK4144/>
- ² <https://pubmed.ncbi.nlm.nih.gov/33179441/>
- ³ <https://www.ncbi.nlm.nih.gov/pubmed/29406006>