

Disease

Maturity-onset diabetes of the young, type 4^{1, 2}

Gene

PDX1

Inheritance	AR
Current Treatments	oral antidiabetic drugs (OADs), insulin
Evidence for Treatment	expert opinion
Non-Molecular Testing Availability	yes
Non-Molecular Test	fecal elastase and pancreatic enzymes (pancreatic amylase and lipase) , imaging using abdominal ultrasonography, computed tomography, or magnetic resonance imaging, glucose tolerance test, hemoglobin A1C, insulin level, glucose level ³
Disease Frequency (per 100,000)	0.87 ¹
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=Maturity-onset+Diabetes+of+the+Young&term=&cntry=&state=&city=&dist=

References

- ¹ <https://www.ncbi.nlm.nih.gov/pubmed/29406006>
- ² <https://www.ncbi.nlm.nih.gov/pubmed/31360071>
- ³ <https://omim.org/entry/600733>