PLCE1

Nephrotic Syndrome

Mode of Inheritance	• Autosomal recessive
Renal Phenotype	• Steroid resistant nephrotic syndrome • Age of onset: Infancy or childhood • Typical biopsy findings: DMS (more common), FSGS

Extra-renal Manifestations	• Sequelae from nephrotic syndrome:
	  • Hypoalbuminemia and edema
	  • Hyperlipidemia
	  • Hypothyroidism
	  • Loss of immunoglobulins

Pre-Transplant Management	• Rare reports of children who do respond to steroid treatment (Hinkes *Ped Nephrol* 23:847, 2008) • Avoidance of renal biopsy
Transplant Considerations	• Tailor immunosuppression given low risk of recurrence post-transplant
Post-Transplant Management	• Lower risk of disease recurrence (4.5% vs 28.5%) (Trautmann *CJASN* 10:592, 2015)

https://www.omim.org/entry/610725