Current list of genes being tested for Steroid-Resistant Nephrotic Syndrome

Gene	Disease
ACTN4	Familial and sporadic SRNS (adult)
ALG1	Congenital disorder of glycosylation
APOL1	Increased susceptibility to FSGS
ARHGAP24	FSGS
CD2AP	FSGS/SRNS
COL4A3	Alport's disease
COL4A4	Alport's disease
COL4A5	Alport's disease
COQ2	Mitochondrial disease/isolated nephropathy
COQ6	Nephrotic syndrome; Diffuse mesangial sclerosis; Nephrotic syndrome with sensorineural deafness
COQ7	Nephrotic Syndrome
COQ9	Nephrotic Syndrome
CYP11B2	Nephrotic Syndrome
E2F3	Whole gene deletion-(FSGS+mental retardation)
GDIA1-ARHGDIA	Congenital nephrotic syndrome
INF2	Familial and sporadic SRNS
ITGA3	Congenital interstitial lung disease, nephrotic syndrome, and mild epidermolysis bullosa
ITGB4	Epidermolysis bullosa and pyloric atresia + FSGS
KANK2 (ankrd25)	Nephrotic Syndrome
LAMB2	Pierson syndrome
LMX1B	Nail patella syndrome
MED28	Nephrotic syndrome
MHY9	MYH9-related disease
MYO1E	Familial SRNS
NPHS1	Congenital nephrotic syndrome/SRNS
NPHS2	Congenital nephrotic syndrome/SRNS
PDSS2	Leigh syndrome
PLCe1	Congenital nephrotic syndrome/SRNS
PMM2	Congenital disorder of glycosylation
PTPRO	Familial SRNS
SCARB2	Action myoclonus renal failure syndrome
SMARCAL1	Schimke immuno-osseous dysplasia
TRPC6	Familial and sporadic SRNS (adult)
WT1	Sporadic SRNS (children—may be associated with abnormal genitalia)
ZMPSTE24	Mandibuloacral dysplasia
CD151	FSGS
ALMS1	Retinitis pigmentosa, sensorineural hearing loss and progressive renal failure