

Genetic Conditions and Genes

397 genes associated with monogenic disorders linked to kidney disease

Condition name	Genes	Condition name	Genes	Condition name	Genes
17-Alpha-Hydroxylase/ 7,20-Lyase Deficiency	<i>CYP17A1</i>	Atypical Hemolytic Uremic Syndrome	<i>C3</i> <i>C3AR1</i> <i>CD46</i> <i>CFB</i> <i>CFH</i> <i>CFHR1</i> <i>CFHR3</i> <i>CFHR4</i> <i>CFI</i> <i>DGKE</i> <i>THBD</i> <i>VTN</i>	Beckwith-Wiedemann Syndrome	<i>CDKN1C</i>
5-Oxoprolinase Deficiency	<i>OPLAH</i>			Beta-Hemoglobinopathies; Sickle Cell Disease	<i>HBB</i>
Absorptive Hypercalciuria	<i>ADCY10</i>			Birt-Hogg-Dubé Syndrome	<i>FLCN</i>
Acrocallosal Syndrome	<i>KIF7</i>			Bladder Dysfunction, Autonomic, with Impaired Pupillary Reflex and Secondary Congenital Anomalies of the Kidney and Urinary Tract	<i>CHRNA3</i>
Acroosteolysis Dominant Type	<i>NOTCH2</i>			Borjeson-Forssman-Lehmann Syndrome	<i>PHF6</i>
Action Myoclonus-Renal Failure (AMRF) Syndrome	<i>SCARB2</i>	Autosomal Dominant Hypocalcemia 1, 2	<i>CASR</i> <i>GNA11</i>	Branchiooculofacial Syndrome	<i>TFAP2A</i>
Adenine Phosphoribosyltransferase Deficiency	<i>APRT</i>	Baraitser-Winter Syndrome Type 1, 2	<i>ACTB</i> <i>ACTG1</i>	Branchiootorenal Spectrum Disorders	<i>EYA1</i> <i>SIX1</i>
Adenosine Deaminase 2 Deficiency (DADA2)	<i>ADA2</i>	Bardet-Biedl Syndrome	<i>ARL6</i> <i>BBS1</i> <i>BBS2</i> <i>BBS4</i> <i>BBS5</i> <i>BBS7</i> <i>BBS9</i> <i>(PTHB1)</i> <i>BBS10</i> <i>BBS12</i> <i>C8orf37</i> <i>(CFAP418)</i> <i>CEP290</i> <i>LZTFL1</i> <i>MKKS</i> <i>MKS1</i> <i>SDCCAG8</i> <i>TRIM32</i> <i>TTC8</i> <i>WDPCP</i>	Burn-McKeown syndrome	<i>TXNL4A</i>
Alagille syndrome, Type 1, 2	<i>JAG1</i> <i>NOTCH2</i>			C1q Deficiency	<i>C1QB</i>
Alkaptonuria	<i>HGD</i>			C3 Glomerulopathy	<i>C3</i> <i>C3AR1</i> <i>CFH</i> <i>CFHR5</i> <i>CFI</i>
Alport Syndrome	<i>COL4A3</i> <i>COL4A4</i> <i>COL4A5</i>			Cardiofaciocutaneous Syndrome	<i>BRAF</i> <i>KRAS</i> <i>MAP2K1</i> <i>MAP2K2</i>
Alstrom syndrome	<i>ALMS1</i>			Carnitine Palmitoyltransferase II Deficiency	<i>CPT2</i>
Amelogenesis Imperfecta, Type 1G, 2A3	<i>FAM20A</i> <i>WDR72</i>			Cataracts, Hearing Impairment, Nephrotic Syndrome, and Enterocolitis Type 1 (CHINE1)	<i>DKC1</i>
Amyloidosis, Familial Visceral	<i>APOA1</i> <i>B2M</i> <i>LYZ</i>			Cenani-Lenz Syndactyly Syndrome	<i>LRP4</i>
Amyloidosis, Finnish Type	<i>GSN</i>	Bartter Syndrome	<i>BSND</i> <i>CLCNKA</i> <i>CLCNKB</i> <i>KCNJ1</i> <i>MAGED2</i> <i>SLC12A1</i>	CEP290-Related Ciliopathies	<i>CEP290</i>
Amyloidosis, Hereditary Renal	<i>FGA</i>			Cerebral Creatine Deficiency Syndrome 3	<i>GATM</i>
Amyloidosis, Hereditary Transthyretin (hATTR)	<i>TTR</i>			CHARGE Syndrome	<i>CHD7</i>
Amyloidosis, Medullary	<i>APOA4</i>	BCS1L-Related Disorders	<i>BCS1L</i>	CHILD syndrome; CK syndrome	<i>NSDHL</i>
APOL1-Mediated Kidney Disease	<i>APOL1</i>				
Apparent Mineralocorticoid Excess	<i>HSD11B2</i>				
Arthrogryposis, Renal Dysfunction, and Cholestasis 1, 2	<i>VPS33B</i> <i>VIPAS39</i>				

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Chondrodysplasia Punctata; MEND syndrome	<i>EBP</i>	Cranioectodermal Dysplasia Type 1, 2, 3	<i>IFT122</i> <i>WDR35</i> <i>IFT43</i>	Familial Thrombotic Thrombocytopenic Purpura	<i>ADAMTS13</i>
Chronic Benign Proteinuria	<i>CUBN</i>	CRB2-Related Syndrome	<i>CRB2</i>	Fanconi Anemia Group, A, B, C, D2, E, F, G, I, L, O, P	<i>FANCA</i> <i>FANCB</i> <i>FANCC</i> <i>FANCD2</i> <i>FANCE</i> <i>FANCF</i> <i>FANCG</i> <i>FANCI</i> <i>FANCL</i> <i>RAD51C</i> <i>SLX4</i>
COACH Syndrome	<i>CC2D2A</i> <i>RPGRIP1L</i> <i>TMEM67</i>	Cryopyrin-Associated Periodic Syndromes (CAPS)	<i>NLRP3</i>	Fanconi Renotubular Syndrome, Type 1, 2, 4	<i>GATM</i> <i>HNF4A</i> <i>SLC34A1</i>
Coenzyme Q10 Deficiency	<i>COQ2</i> <i>COQ6</i> <i>PDSS1</i> <i>PDSS2</i>	Currarino Syndrome	<i>MXN1</i>	Fanconi-Bickel Syndrome	<i>SLC2A2</i>
Coffin-Siris Syndrome 9	<i>SOX11</i>	Cystinosis	<i>CTNS</i>	Feingold Syndrome 1	<i>MYCN</i>
COL4A1-Related Disorders	<i>COL4A1</i>	Cystinuria	<i>SLC3A1</i> <i>SLC7A9</i>	FGFR1-Related Conditions	<i>FGFR1</i>
Combined Oxidative Phosphorylation Deficiency 11	<i>RMND1</i>	Dent Disease	<i>CLCN5</i> <i>OCRL</i>	FGFR2-Related Conditions	<i>FGFR2</i>
Complement Factor B, H, I Deficiency	<i>CFB</i> <i>CFH</i> <i>CFI</i>	Diabetes Insipidus, Nephrogenic	<i>AQP2</i> <i>AVPR2</i>	Floating-Harbor Syndrome (FLHS) and Non-FLHS SRCAP-related Neurodevelopmental Delay	<i>SRCAP</i>
Complement Factor D Deficiency	<i>CFD</i>	Diabetes Insipidus, Neurohypophyseal	<i>AVP</i>	Focal Segmental Glomerulosclerosis	<i>ACTN4</i> <i>ANLN</i> <i>APOL1</i> <i>CD2AP</i> <i>INF2</i> <i>LMX1B</i> <i>MYO1E</i> <i>PAX2</i> <i>TRPC6</i> <i>TRIM8</i>
Complete LCAT Deficiency; Partial LCAT Deficiency	<i>LCAT</i>	Diabetes Mellitus, Late onset, Non Insulin Dependent	<i>GCK</i>	Fraser Syndrome	<i>FRAS1</i> <i>FREM2</i> <i>GRIP1</i>
Congenital Adrenal Hyperplasia due to 3-Beta-Hydroxysteroid Dehydrogenase Deficiency and 11-Beta-Hydroxylase Deficiency	<i>HSD3B2</i> <i>CYP11B1</i>	Diabetes Mellitus, Type 2	<i>HNF4A</i> <i>INS</i> <i>NEUROD1</i>	Free Sialic Acid Storage Disorders	<i>SLC17A5</i>
Congenital Adrenal Hypoplasia with Hypogonadotropic Hypogonadism	<i>NR0B1</i>	Diabetes Mellitus, Neonatal	<i>ABCC8</i> <i>GCK</i> <i>GLIS3</i> <i>INS</i> <i>KCNJ11</i>	FREM1-Related Conditions	<i>FREM1</i>
Congenital Adrenal Insufficiency (CYP11A1-Deficiency)	<i>CYP11A1</i>	Diabetes, Familial Monogenic, Pancreatic Agenesis 1	<i>PDX1</i>	Galloway-Mowat Syndrome	<i>NUP133</i> <i>TP53RK</i> <i>WDR73</i>
Congenital Anomalies of the Kidney and Urinary Tract (CAKUT)	<i>BMP4</i> <i>PAX2</i> <i>PBX1</i> <i>ROBO2</i>	Diamond-Blackfan Anemia 1	<i>RPS19</i>	Generalized Arterial Calcification of Infancy (GACI)	<i>ABCC6</i> <i>ENPP1</i>
Congenital Disorder of Glycosylation Type 1A, IH, 1K, 1L	<i>ALG1</i> <i>ALG8</i> <i>ALG9</i> <i>PMM2</i>	Donnai-Barrow Syndrome	<i>LRP2</i>	Generalized Glucocorticoid Resistance	<i>NR3C1</i>
Congenital Hyperinsulinism	<i>HNF4A</i> <i>KCNJ11</i>	Ectrodactyly, Ectodermal Dysplasia, and Cleft Lip/Palate Syndrome 3 (EEC3)	<i>TP63</i>	Genitopatellar syndrome; SBBYSS syndrome	<i>KAT6B</i>
Congenital Nephrotic Syndrome	<i>ARHGDI3</i> <i>COQ8B</i> <i>DLC1</i> <i>LAMA5</i> <i>LAMB2</i> <i>MAGI2</i> <i>NPHS1</i> <i>NPHS2</i> <i>NUP93</i> <i>NUP133</i> <i>PLCE1</i> <i>PTPRO</i> <i>TBC1D8B</i> <i>TNS2</i>	ESCO2-Related Disorders	<i>ESCO2</i>	Gillessen Kaesbach Nishimura syndrome (GIKANIS)	<i>ALG9</i>
Congenital Plasminogen Deficiency	<i>PLG</i>	Fabry Disease	<i>GLA</i>	Gitelman Syndrome	<i>CLCNKB</i> <i>SLC12A3</i>
COPA-Related Immune Disorders	<i>COPA</i>	Familial Dysautonomia, Hereditary Sensory and Autonomic Neuropathy Type 3	<i>ELP1</i>	GLI3-Related Disorders	<i>GLI3</i>
Cornelia de Lange Syndrome 1	<i>NIPBL</i>	Familial Hyperaldosteronism, Type 1, 2, 3, 4	<i>CYP11B1</i> / <i>CYP11B2</i> <i>CLCN2</i> <i>KCNJ5</i> <i>CACNA1H</i>	Glomerulopathy With Fibronectin Deposits 2	<i>FN1</i>
Corticosterone Methyloxidase Deficiency	<i>CYP11B2</i>	Familial Hyperinsulinemic Hypoglycemia 3	<i>GCK</i>	Glucose-Galactose Malabsorption	<i>SLC5A1</i>
		Familial Hypocalciuria Hypocalcemia 1, 2, 3	<i>CASR</i> <i>GNA11</i> <i>AP2S1</i>		
		Familial Isolated Hyperparathyroidism	<i>CDC73</i> <i>GCM2</i>		
		Familial Isolated Hypoparathyroidism	<i>GCM2</i>		
		Familial Mediterranean Fever	<i>MEFV</i>		

Condition name	Genes
Glycogen Storage Disease, Type 1a, 1b/1c, 5, 11	<i>G6PC</i> <i>SLC37A4</i> <i>PYGM</i> <i>LDHA</i>
Hajdu-Cheney Syndrome	<i>NOTCH2</i>
Hand-Foot-Uterus Syndrome	<i>HOXA13</i>
Hereditary Angiopathy With Nephropathy, Aneurysms, and Muscle Cramps (HANAC)	<i>COL4A1</i>
Hereditary Hemorrhagic Telangiectasia with or without Pulmonary Arterial Hypertension	<i>ACVLR1</i> <i>GDF2</i> <i>BMPR2</i>
Hermansky-Pudlak syndrome 1	<i>HPS1</i>
HPRT1-Related Disorders	<i>HPRT1</i>
Hypercalcemia	<i>CYP24A1</i> <i>SLC34A1</i>
Hyperglycinuria; Hartnup Disorder; Iminoglycinuria	<i>SLC6A19</i>
Hyperinsulinemic Hypoglycemia and Polycystic Kidney Disease	<i>PMM2</i>
Hyperkalemic Periodic Paralysis	<i>SCN4A</i>
Hyperparathyroidism-Jaw Tumor (HPT-JT) Syndrome	<i>CDC73</i>
Hyperphosphatemic Tumoral Calcinosis	<i>GALNT3</i> <i>FGF23</i>
Hyperproinsulinemia	<i>INS</i>
Hyperprolinemia, Type 1	<i>PRODH</i>
Hyperuricemia, Pulmonary Hypertension, Renal Failure, And Alkalosis Syndrome (HUPRA Syndrome)	<i>SARS2</i>
Hypogonadotropic Hypogonadism With or Without Anosmia	<i>PROKR2</i> <i>FGFR1</i>
Hypokalemic Periodic Paralysis	<i>CACNA1S</i> <i>SCN4A</i>
Hypokalemic Tubulopathy and Deafness	<i>KCNJ16</i>
Hypomagnesemia	<i>CLDN16</i> <i>CLDN19</i> <i>CNNM2</i> <i>FXYD2</i> <i>TRPM6</i>
Hypoparathyroidism, Sensorineural Deafness, and Renal Dysplasia	<i>GATA3</i>
Hypophosphatasia	<i>ALPL</i>
Hypophosphatemic Nephrolithiasis/Osteoporosis	<i>SLC9A3R1</i>
Hypotonia-Cystinuria Syndrome	<i>PREPL</i>
Hypotrichosis-Lymphedema-Telangiectasia-Renal Syndrome	<i>SOX18</i>
Hypouricemia	<i>SLC22A12</i> <i>SLC2A9</i>
IMAGe Syndrome	<i>CDKN1C</i>

Condition name	Genes
Interstitial Lung Disease with Nephrotic Syndrome and Epidermolysis Bullosa	<i>ITGA3</i>
IPEX syndrome (Including Type 1 Diabetes)	<i>FOXP3</i>
Isolated Gonadotropin-Releasing Hormone (GnRH) Deficiency	<i>ANOS1</i>
Joubert Syndrome	<i>AHI1</i> <i>ARL13B</i> <i>CC2D2A</i> <i>CEP290</i> <i>CPLANE1</i> <i>INPP5E</i> <i>KIF7</i> <i>MKS1</i> <i>NPHP1</i> <i>OFD1</i> <i>POC1B</i> <i>RPGRIP1L</i> <i>TCTN2</i> <i>TMEM67</i> <i>TMEM138</i> <i>TMEM216</i> <i>TMEM231</i> <i>TMEM237</i> <i>ZNF423</i>
Junctional Epidermolysis Bullosa-Pyloric Atresia Syndrome	<i>ITGA6</i> <i>ITGB4</i>
Kabuki Syndrome 1, 2	<i>KMT2D</i> <i>KDM6A</i>
Karyomegalic Interstitial Nephritis	<i>FAN1</i>
Koolen-De Vries Syndrome	<i>KANSL1</i>
Liddle Syndrome	<i>SCNN1B</i> <i>SCNN1G</i>
Lipodystrophy, Congenital Generalized	<i>AGPAT2</i> <i>CAV1</i> <i>BSCL2</i>
Lipodystrophy, Familial Partial, Type 7	<i>CAV1</i>
LMNA-Related Disorders	<i>LMNA</i>
Lowe Syndrome	<i>OCRL</i>
Lymphedema-Distichiasis Syndrome with Renal Disease and Diabetes Mellitus	<i>FOXC2</i>
Lysinuric Protein Intolerance	<i>SLC7A7</i>
Maturity-Onset Diabetes of the Young (MODY)	<i>ABCC8</i> <i>CEL</i> <i>GCK</i> <i>HNF1A</i> <i>HNF1B</i> <i>HNF4A</i> <i>INS</i> <i>KCNJ11</i> <i>NEUROD1</i> <i>PDX1</i>
McKusick-Kaufman syndrome	<i>MKKS</i>

Condition name	Genes
Meckel Syndrome, Types 4	<i>CC2D2A</i> <i>CEP290</i> <i>MKS1</i> <i>NPHP3</i> <i>RPGRIP1L</i> <i>TCTN2</i> <i>TMEM67</i> <i>TMEM216</i> <i>TMEM231</i> <i>TMEM237</i>
Megaloblastic Anemia, Finnish Type	<i>CUBN</i>
Megaloblastic Anemia, Norwegian Type	<i>AMN</i>
Megaloblastic Anemia, Thiamine Responsive	<i>SLC19A2</i>
Methylmalonic Aciduria and Homocystinuria Type cblC, cblD	<i>MMACHC</i> <i>MMADHC</i>
Methylmalonic Aciduria Type cblA, cblB, mutO	<i>MMAA</i> <i>MMAB</i> <i>MUT</i>
Mitochondrial Complex Deficiency, 3 and 4	<i>APOPT1</i> <i>BCS1L</i> <i>COX10</i> <i>TACO1</i>
Molybdenum Cofactor Deficiency A, B, C	<i>MOCS1</i> <i>MOCS2</i> <i>GPHN</i>
Mowat-Wilson Syndrome	<i>ZEB2</i>
Multicentric Carpometatarsal Osteolysis with or without Nephropathy	<i>MAFB</i>
Multiple Endocrine Neoplasia 2A/2B; Familial Medullary Thyroid Carcinoma; Hirschsprung Disease	<i>RET</i>
Murk Jansen Type Metaphyseal Chondrodysplasia	<i>PTH1R</i>
MYH9-Related Disorders	<i>MYH9</i>
Myoglobinuria, Acute Recurrent	<i>LPIN1</i>
Nail-Patella Syndrome	<i>LMX1B</i>
Neonatal Hyperparathyroidism	<i>CASR</i>
Nephrogenic Syndrome of Inappropriate Antidiuresis (NSIAD)	<i>AVPR2</i>
Nephrolithiasis, Calcium Oxalate	<i>SLC26A1</i>
Nephronophthisis	<i>ANKS6</i> <i>CEP83</i> <i>CEP164</i> <i>DCDC2</i> <i>GLIS2</i> <i>IQCB1</i> <i>INVS</i> <i>MAPKBP1</i> <i>NEK8</i> <i>NPHP1</i> <i>NPHP3</i> <i>NPHP4</i> <i>TMEM67</i> <i>TTC21B</i> <i>WDR19</i> <i>ZNF423</i>

Condition name	Genes
Nephronophthisis-Like Nephropathy 1	<i>XPNPEP3</i>
Nephropathy with Pretibial Epidermolysis Bullosa and Deafness	<i>CD151</i>
Neurofibromatosis Type 1	<i>NF1</i>
Noonan Syndrome	<i>BRAF</i> <i>KRAS</i> <i>PTPN11</i>
Orofaciodigital Syndrome	<i>CPLANE1</i> <i>OFD1</i>
PAX2-Related Disorders	<i>PAX2</i>
PEX6-Related Peroxisome Biogenesis Disorders	<i>PEX6</i>
Phosphoglycerate Kinase 1 Deficiency	<i>PGK1</i>
Phosphoribosylpyrophosphate Synthetase Superactivity	<i>PRPS1</i>
Pierson Syndrome	<i>LAMB2</i>
Polycystic Kidney Disease, Autosomal Dominant	<i>ALG5</i> <i>ALG8</i> <i>ALG9</i> <i>DNAJB11</i> <i>GANAB</i> <i>IFT140</i> <i>NEK8</i> <i>PKD1</i> <i>PKD2</i>
Polycystic Kidney Disease, Autosomal Recessive	<i>PKHD1</i> <i>DZIP1L</i>
Polycystic Kidney Disease, X-linked	<i>CFAP47</i>
Polycystic Liver Disease	<i>GANAB</i> <i>LRP5</i> <i>PRKCSH</i> <i>SEC63</i> <i>SEC61B</i>
Primary Hyperoxaluria Type 1, 2, 3	<i>AGXT</i> <i>GRHPR</i> <i>HOGA1</i>
Primary Pulmonary Hypertension	<i>CAV1</i> <i>KCNK3</i> <i>SMAD9</i>
Pseudohypoaldosteronism	<i>CUL3</i> <i>KLHL3</i> <i>NR3C2</i> <i>SCNN1A</i> <i>SCNN1B</i> <i>SCNN1G</i> <i>WNK1</i> <i>WNK4</i>
Pseudohypoparathyroidism	<i>GNAS</i> <i>STX16</i>
Pseudopseudohypoparathyroidism	<i>GNAS</i>

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Pseudoxanthoma Elasticum	<i>ABCC6</i>
Renal Dysplasia, Cystic	<i>BICC1</i>
Renal Glucosuria	<i>SLC5A2</i>
Renal Tubular Acidosis, Distal	<i>ATP6V0A4</i> <i>ATP6V1B1</i> <i>FOXI1</i> <i>SLC4A1</i> <i>WDR72</i>
Renal Tubular Acidosis, Proximal	<i>CA2</i> <i>SLC4A4</i>
Renal Tubular Dysgenesis	<i>ACE</i> <i>AGT</i> <i>AGTR1</i> <i>REN</i>
Renal-Hepatic-Pancreatic Dysplasia	<i>NEK8</i> <i>NPHP3</i>
RHYNS Syndrome	<i>TMEM67</i>
Rickets, Hypophosphatemic	<i>PHEX</i> <i>DMP1</i> <i>ENPP1</i> <i>FGF23</i> <i>SLC34A3</i>
Rickets, Vitamin D-Dependent/Deficient	<i>CYP27B1</i> <i>CYP2R1</i> <i>VDR</i>
Robinow Syndrome	<i>ROR2</i> <i>WNT5A</i>
RRM2B Mitochondrial DNA Maintenance Defects (RRM2B-MDMDs)	<i>RRM2B</i>
Rubinstein-Taybi Syndrome, Type 1 (AD); Menke-Hennekam Syndrome (AD)	<i>CREBBP</i>
SALL4-Related Disorders	<i>SALL4</i>
Scalp-Ear-Nipple Syndrome	<i>KCTD1</i>
Schimke Immunoosseous Dysplasia	<i>SMARCAL1</i>
Seizures, Sensorineural Deafness, Ataxia, Mental Retardation, and Electrolyte Imbalance (SeSAME Syndrome)	<i>KCNJ10</i>
Senior-Loken Syndrome	<i>CEP164</i> <i>CEP290</i> <i>IQCB1</i> <i>NPHP1</i> <i>NPHP4</i> <i>SDCCAG8</i> <i>WDR19</i>

Condition name	Genes
Short Stature, Microcephaly, and Endocrine Dysfunction	<i>XRCC4</i>
Short-Rib Thoracic Dysplasia With or Without Polydactyly	<i>IFT80</i> <i>IFT140</i> <i>IFT172</i> <i>TTC21B</i> <i>WDR34</i> <i>(DYNC2I2)</i> <i>WDR35</i>
Sialidosis	<i>NEU1</i>
Simpson-Golabi-Behmel Syndrome	<i>GPC3</i> <i>OFD1</i>
Smith-Lemli-Opitz syndrome	<i>DHCR7</i>
Sotos Syndrome	<i>NSD1</i>
Sphingosine Phosphate Lyase Insufficiency Syndrome (SPLIS)	<i>SGPL1</i>
Sucrase-Isomaltase Deficiency	<i>SI</i>
Systemic Lupus Erythematosus 16	<i>DNASE1L3</i>
Townes-Brocks syndrome 1	<i>SALL1</i>
Tuberous Sclerosis 1, 2	<i>TSC1</i> <i>TSC2</i>
Tubulointerstitial Kidney Disease, Autosomal Dominant	<i>HNF1B</i> <i>REN</i> <i>SEC61A1</i> <i>UMOD</i>
Tyrosinemia, Type I	<i>FAH</i>
Urofacial Syndrome	<i>HPSE2</i>
Van Maldergem Syndrome 2; Hennekam Syndrome 2	<i>FAT4</i>
Vesicoureteral Reflux 3	<i>SOX17</i>
Von Hippel-Lindau Syndrome	<i>VHL</i>
Wilson Disease	<i>ATP7B</i>
Wiskott-Aldrich Syndrome	<i>WAS</i>
Wolcott-Rallison Syndrome	<i>EIF2AK3</i>
Wolfram Syndrome 2	<i>CISD2</i>
Wolfram Syndrome Spectrum Disorder	<i>WFS1</i>
WT1-Related Disorders	<i>WT1</i>
Xanthinuria	<i>MOCOS</i> <i>XDH</i>
ZTTK Syndrome	<i>SON</i>