

## Netthinnesykdommer

Genpanel, versjon v01

\* Enkelte genomiske regioner har lav eller ingen sekvensdekning ved eksomsekvensering. Dette skyldes at de har stor likhet med andre områder i genomet, slik at spesifikk gjenkjennelse av disse områdene og påvisning av varianter i disse områdene, blir vanskelig og upålitelig. Disse genetiske regionene har vi identifisert ved å benytte USCS segmental duplication hvor områder større enn 1 kb og  $\geq 90\%$  likhet med andre regioner i genomet, gjenkjennes (<https://genome.ucsc.edu>).

Vi gjør oppmerksom på at ved identifisering av ekson oppstrøms for startkodon kan eksonnummereringen endres uten at transkript ID endres.

Avdelingens websider har en full oversikt over områder som er utelatt pga. [segmentale duplikasjoner](#).

\*\* Transkriptets kodende ekson.

Gen (HGNC symbol)	Gen (HGNC ID)	Gen Transkript ID	Ekson ikke inkludert*	Ekson**	Fenotype
<a href="#">ABCA4</a>	<a href="#">34</a>	NM_000350.2		1-50	Cone-rod dystrophy 3 <a href="#">OMIM</a> Fundus flavimaculatus <a href="#">OMIM</a> Retinal dystrophy, early-onset severe <a href="#">OMIM</a> Retinitis pigmentosa 19 <a href="#">OMIM</a> Stargardt disease 1 <a href="#">OMIM</a>
<a href="#">ABCC6</a>	<a href="#">57</a>	NM_001171.5	<a href="#">1-9</a>	1-31	Pseudoxanthoma elasticum <a href="#">OMIM</a>
<a href="#">ABHD12</a>	<a href="#">15868</a>	NM_001042472.2		1-13	Polyneuropathy, hearing loss, ataxia, retinitis pigmentosa, and cataract <a href="#">OMIM</a>
<a href="#">ACO2</a>	<a href="#">118</a>	NM_001098.2		1-18	?Optic atrophy 9 <a href="#">OMIM</a> Infantile cerebellar-retinal degeneration <a href="#">OMIM</a>
<a href="#">ADAM9</a>	<a href="#">216</a>	NM_003816.2		1-22	Cone-rod dystrophy 9 <a href="#">OMIM</a>

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<a href="#">ADAMTS18</a>	<a href="#">17110</a>	NM_199355.3		1-23	Microcornea, myopic chorioretinal atrophy, and telecanthus <a href="#">OMIM</a>
<a href="#">AGBL5</a>	<a href="#">26147</a>	NM_021831.5		2-15	Retinitis pigmentosa 75 <a href="#">OMIM</a>
<a href="#">AHI1</a>	<a href="#">21575</a>	NM_017651.4		3-28	Joubert syndrome 3 <a href="#">OMIM</a>
<a href="#">AIPL1</a>	<a href="#">359</a>	NM_014336.4		1-6	Cone-rod dystrophy <a href="#">OMIM</a> Leber congenital amaurosis 4 <a href="#">OMIM</a> Retinitis pigmentosa, juvenile <a href="#">OMIM</a>
<a href="#">ALDH1A3</a>	<a href="#">409</a>	NM_000693.3		1-13	Microphthalmia, isolated 8 <a href="#">OMIM</a>
<a href="#">ALG3</a>	<a href="#">23056</a>	NM_005787.5		1-9	Congenital disorder of glycosylation, type Id <a href="#">OMIM</a>
<a href="#">ALMS1</a>	<a href="#">428</a>	NM_015120.4	<a href="#">17-21</a>	1-23	Alstrom syndrome <a href="#">OMIM</a>
<a href="#">ARHGEF18</a>	<a href="#">17090</a>	NM_015318.3		2-20	Retinitis pigmentosa 78 <a href="#">OMIM</a>
<a href="#">ARL13B</a>	<a href="#">25419</a>	NM_182896.2		1-10	Joubert syndrome 8 <a href="#">OMIM</a>
<a href="#">ARL2BP</a>	<a href="#">17146</a>	NM_012106.3		1-6	Retinitis pigmentosa with or without situs inversus <a href="#">OMIM</a>
<a href="#">ARL6</a>	<a href="#">13210</a>	NM_177976.3		3-9	?Retinitis pigmentosa 55 <a href="#">OMIM</a> Bardet-Biedl syndrome 3 <a href="#">OMIM</a>
<a href="#">ATF6</a>	<a href="#">791</a>	NM_007348.3		1-16	Achromatopsia 7 <a href="#">OMIM</a>
<a href="#">ATOH7</a>	<a href="#">13907</a>	NM_145178.3		1	Persistent hyperplastic primary vitreous, autosomal recessive <a href="#">OMIM</a>
<a href="#">ATXN7</a>	<a href="#">10560</a>	NM_000333.3		3-13	Spinocerebellar ataxia 7 <a href="#">OMIM</a>
<a href="#">B3GALNT2</a>	<a href="#">28596</a>	NM_152490.4		1-12	Muscular dystrophy-dystroglycanopathy (congenital with brain and eye anomalies, type A, 11 <a href="#">OMIM</a>

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<a href="#">B3GALTL</a>	<a href="#">20207</a>	NM_194318.3		1-15	Peters-plus syndrome <a href="#">OMIM</a>
<a href="#">B3GNT1</a>	<a href="#">15685</a>	NM_006876.2		1-2	Muscular dystrophy- dystroglycanopathy (congenital with brain and eye anomalies), type A, 13 <a href="#">OMIM</a>
<a href="#">BBIP1</a>	<a href="#">28093</a>	NM_001195306.1		2-4	?Bardet-Biedl syndrome 18 <a href="#">OMIM</a>
<a href="#">BBS1</a>	<a href="#">966</a>	NM_024649.4		1-17	Bardet-Biedl syndrome 1 <a href="#">OMIM</a>
<a href="#">BBS10</a>	<a href="#">26291</a>	NM_024685.3		1-2	Bardet-Biedl syndrome 10 <a href="#">OMIM</a>
<a href="#">BBS12</a>	<a href="#">26648</a>	NM_152618.2		2	Bardet-Biedl syndrome 12 <a href="#">OMIM</a>
<a href="#">BBS2</a>	<a href="#">967</a>	NM_031885.3		1-17	Bardet-Biedl syndrome 2 <a href="#">OMIM</a> Retinitis pigmentosa 74 <a href="#">OMIM</a>
<a href="#">BBS4</a>	<a href="#">969</a>	NM_033028.4		1-16	Bardet-Biedl syndrome 4 <a href="#">OMIM</a>
<a href="#">BBS5</a>	<a href="#">970</a>	NM_152384.2		1-12	Bardet-Biedl syndrome 5 <a href="#">OMIM</a>
<a href="#">BBS7</a>	<a href="#">18758</a>	NM_176824.2		1-19	Bardet-Biedl syndrome 7 <a href="#">OMIM</a>
<a href="#">BBS9</a>	<a href="#">30000</a>	NM_198428.2		2-23	Bardet-Biedl syndrome 9 <a href="#">OMIM</a>
<a href="#">BCOR</a>	<a href="#">20893</a>	NM_017745.5		2-15	Microphthalmia, syndromic 2 <a href="#">OMIM</a>
<a href="#">BEST1</a>	<a href="#">12703</a>	NM_004183.3		2-11	Bestrophinopathy, autosomal recessive <a href="#">OMIM</a> Microcornea, rod-cone dystrophy, cataract, and posterior staphyloma <a href="#">OMIM</a> Retinitis pigmentosa, concentric <a href="#">OMIM</a> Retinitis pigmentosa-50 <a href="#">OMIM</a> Vitreoretinochoroidopathy <a href="#">OMIM</a>

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<a href="#">BFSP1</a>	<a href="#">1040</a>	NM_001195.4		1-8	Cataract 33, multiple types <a href="#">OMIM</a>
<a href="#">BLOC1S3</a>	<a href="#">20914</a>	NM_212550.4		2	Hermansky-Pudlak syndrome 8 <a href="#">OMIM</a>
<a href="#">C12orf65</a>	<a href="#">26784</a>	NM_152269.4		2-3	Combined oxidative phosphorylation deficiency 7 <a href="#">OMIM</a>
<a href="#">C1QTNF5</a>	<a href="#">14344</a>	NM_015645.4		14-15	Retinal degeneration, late-onset, autosomal dominant <a href="#">OMIM</a>
<a href="#">C21orf2</a>	<a href="#">1260</a>	NM_004928.2		1-7	Retinal dystrophy with macular staphyloma <a href="#">OMIM</a> Spondylometaphyseal dysplasia, axial <a href="#">OMIM</a>
<a href="#">C8orf37</a>	<a href="#">27232</a>	NM_177965.3		1-6	Bardet-Biedl syndrome 21 <a href="#">OMIM</a> Cone-rod dystrophy 16 <a href="#">OMIM</a> Retinitis pigmentosa 64 <a href="#">OMIM</a>
<a href="#">CA4</a>	<a href="#">1375</a>	NM_000717.4		1-8	Retinitis pigmentosa 17 <a href="#">OMIM</a>
<a href="#">CABP4</a>	<a href="#">1386</a>	NM_145200.3		1-6	Cone-rod synaptic disorder, congenital nonprogressive <a href="#">OMIM</a>
<a href="#">CACNA1F</a>	<a href="#">1393</a>	NM_005183.3		1-48	Aland Island eye disease <a href="#">OMIM</a> Cone-rod dystrophy, X-linked, 3 <a href="#">OMIM</a> Night blindness, congenital stationary (incomplete), 2A, X-linked <a href="#">OMIM</a>
<a href="#">CACNA2D4</a>	<a href="#">20202</a>	NM_172364.4		1-38	Retinal cone dystrophy 4 <a href="#">OMIM</a>
<a href="#">CAPN5</a>	<a href="#">1482</a>	NM_004055.4		2-13	Vitreoretinopathy, neovascular inflammatory <a href="#">OMIM</a>
<a href="#">CC2D2A</a>	<a href="#">29253</a>	NM_001080522.2		3-38	COACH syndrome <a href="#">OMIM</a> Joubert syndrome 9 <a href="#">OMIM</a>
<a href="#">CDH23</a>	<a href="#">13733</a>	NM_022124.5		2-68	Usher syndrome, type 1D <a href="#">OMIM</a> Usher syndrome, type 1D/F digenic <a href="#">OMIM</a>
<a href="#">CDHR1</a>	<a href="#">14550</a>	NM_033100.3		1-17	Cone-rod dystrophy 15 <a href="#">OMIM</a> Retinitis pigmentosa 65 <a href="#">OMIM</a>

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<a href="#">CEP104</a>	<a href="#">24866</a>	NM_014704.3		2-22	Joubert syndrome 25 <a href="#">OMIM</a>
<a href="#">CEP164</a>	<a href="#">29182</a>	NM_014956.4		3-33	Nephronophthisis 15 <a href="#">OMIM</a>
<a href="#">CEP290</a>	<a href="#">29021</a>	NM_025114.3	<a href="#">54</a>	2-54	?Bardet-Biedl syndrome 14 <a href="#">OMIM</a> Joubert syndrome 5 <a href="#">OMIM</a> Leber congenital amaurosis 10 <a href="#">OMIM</a> Meckel syndrome 4 <a href="#">OMIM</a> Senior-Loken syndrome 6 <a href="#">OMIM</a>
<a href="#">CEP78</a>	<a href="#">25740</a>	NM_032171.2		1-15	Cone-rod dystrophy and hearing loss <a href="#">OMIM</a>
<a href="#">CERKL</a>	<a href="#">21699</a>	NM_001030311.2		1-14	Retinitis pigmentosa 26 <a href="#">OMIM</a>
<a href="#">CHM</a>	<a href="#">1940</a>	NM_000390.3		1-15	Choroideremia <a href="#">OMIM</a>
<a href="#">CIB2</a>	<a href="#">24579</a>	NM_006383.3		1-6	Usher syndrome, type II <a href="#">OMIM</a>
<a href="#">CLN3</a>	<a href="#">2074</a>	NM_001042432.1		2-16	Ceroid lipofuscinosis, neuronal, 3 <a href="#">OMIM</a>
<a href="#">CLN5</a>	<a href="#">2076</a>	NM_006493.2		1-4	Ceroid lipofuscinosis, neuronal, 5 <a href="#">OMIM</a>
<a href="#">CLN6</a>	<a href="#">2077</a>	NM_017882.2		1-7	Ceroid lipofuscinosis, neuronal, 6 <a href="#">OMIM</a> Ceroid lipofuscinosis, neuronal, Kufs type, adult onset <a href="#">OMIM</a>
<a href="#">CLN8</a>	<a href="#">2079</a>	NM_018941.3		2-3	Ceroid lipofuscinosis, neuronal, 8 <a href="#">OMIM</a> Ceroid lipofuscinosis, neuronal, 8, Northern epilepsy variant <a href="#">OMIM</a>
<a href="#">CLRN1</a>	<a href="#">12605</a>	NM_174878.2		1-3	Retinitis pigmentosa 61 <a href="#">OMIM</a> Usher syndrome, type 3A <a href="#">OMIM</a>
<a href="#">CNGA1</a>	<a href="#">2148</a>	NM_000087.3		4-11	Retinitis pigmentosa 49 <a href="#">OMIM</a>
<a href="#">CNGA3</a>	<a href="#">2150</a>	NM_001298.2		2-8	Achromatopsia 2 <a href="#">OMIM</a>

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<a href="#">CNGB1</a>	<a href="#">2151</a>	NM_001297.4		2-33	Retinitis pigmentosa 45 <a href="#">OMIM</a>
<a href="#">CNGB3</a>	<a href="#">2153</a>	NM_019098.4		1-18	Achromatopsia 3 <a href="#">OMIM</a>
<a href="#">CNNM4</a>	<a href="#">105</a>	NM_020184.3		1-7	Jalili syndrome <a href="#">OMIM</a>
<a href="#">COL11A1</a>	<a href="#">2186</a>	NM_001854.3		1-67	Fibrochondrogenesis 1 <a href="#">OMIM</a> Marshall syndrome <a href="#">OMIM</a> Stickler syndrome, type II <a href="#">OMIM</a>
<a href="#">COL18A1</a>	<a href="#">2195</a>	NM_130445.3		1-43	Knobloch syndrome, type 1 <a href="#">OMIM</a>
<a href="#">COL2A1</a>	<a href="#">2200</a>	NM_001844.4		1-54	Stickler syndrome, type I, nonsyndromic ocular <a href="#">OMIM</a> Stickler syndrome, type I <a href="#">OMIM</a> Vitreoretinopathy with phalangeal epiphyseal dysplasia
<a href="#">COL9A1</a>	<a href="#">2217</a>	NM_001851.4		1-38	?Epiphyseal dysplasia, multiple, 6 <a href="#">OMIM</a> Stickler syndrome, type IV <a href="#">OMIM</a>
<a href="#">COL9A2</a>	<a href="#">2218</a>	NM_001852.3		1-32	?Stickler syndrome, type V <a href="#">OMIM</a> Epiphyseal dysplasia, multiple, 2 <a href="#">OMIM</a>
<a href="#">CRB1</a>	<a href="#">2343</a>	NM_201253.2		1-12	Leber congenital amaurosis 8 <a href="#">OMIM</a> Pigmented paravenous chorioretinal atrophy <a href="#">OMIM</a> Retinitis pigmentosa-12, autosomal recessive <a href="#">OMIM</a>
<a href="#">CRX</a>	<a href="#">2383</a>	NM_000554.5		2-4	Cone-rod retinal dystrophy-2 <a href="#">OMIM</a> Leber congenital amaurosis 7 <a href="#">OMIM</a>
<a href="#">CSPP1</a>	<a href="#">26193</a>	NM_024790.6		1-29	Joubert syndrome 21 <a href="#">OMIM</a>
<a href="#">CTNNA1</a>	<a href="#">2509</a>	NM_001903.4		2-18	Macular dystrophy, patterned, 2 <a href="#">OMIM</a>
<a href="#">CYP4V2</a>	<a href="#">23198</a>	NM_207352.3		1-11	Bietti crystalline corneoretinal dystrophy <a href="#">OMIM</a>

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<a href="#">DFNB31</a>	<a href="#">16361</a>	NM_015404.3		1-12	Usher syndrome, type 2D <a href="#">OMIM</a>
<a href="#">DHDDS</a>	<a href="#">20603</a>	NM_024887.3		2-9	Retinitis pigmentosa 59 <a href="#">OMIM</a>
<a href="#">DNAI2</a>	<a href="#">18744</a>	NM_023036.4		2-13	Ciliary dyskinesia, primary, 9, with or without situs inversus <a href="#">OMIM</a>
<a href="#">DPAGT1</a>	<a href="#">2995</a>	NM_001382.3		1-9	Congenital disorder of glycosylation, type Ij <a href="#">OMIM</a>
<a href="#">DRAM2</a>	<a href="#">28769</a>	NM_178454.5		3-9	Cone-rod dystrophy 21 <a href="#">OMIM</a>
<a href="#">EFEMP1</a>	<a href="#">3218</a>	NM_001039348.2		3-12	Doyne honeycomb degeneration of retina <a href="#">OMIM</a>
<a href="#">EIF2B2</a>	<a href="#">3258</a>	NM_014239.3		1-8	Leukoencephalopathy with vanishing white matter <a href="#">OMIM</a>
<a href="#">ELOVL4</a>	<a href="#">14415</a>	NM_022726.3		1-6	Stargardt disease 3 <a href="#">OMIM</a>
<a href="#">EMC1</a>	<a href="#">28957</a>	NM_015047.2		1-23	Cerebellar atrophy, visual impairment, and psychomotor retardation <a href="#">OMIM</a>
<a href="#">EYS</a>	<a href="#">21555</a>	NM_001142800.1	<a href="#">12</a>	4-43	Retinitis pigmentosa 25 <a href="#">OMIM</a>
<a href="#">FAM161A</a>	<a href="#">25808</a>	NM_032180.2		1-6	Retinitis pigmentosa 28 <a href="#">OMIM</a>
<a href="#">FBLN5</a>	<a href="#">3602</a>	NM_006329.3		1-11	Macular degeneration, age-related, 3 <a href="#">OMIM</a>
<a href="#">FLVCR1</a>	<a href="#">24682</a>	NM_014053.3		1-10	Ataxia, posterior column, with retinitis pigmentosa <a href="#">OMIM</a>
<a href="#">FRMD7</a>	<a href="#">8079</a>	NM_194277.2		1-12	Nystagmus 1, congenital, X-linked <a href="#">OMIM</a>
<a href="#">FSCN2</a>	<a href="#">3960</a>	NM_001077182.2		1-5	Retinitis pigmentosa 30 <a href="#">OMIM</a>
<a href="#">FZD4</a>	<a href="#">4042</a>	NM_012193.3		1-2	Retinopathy of prematurity <a href="#">OMIM</a>

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<a href="#">GBA2</a>	<a href="#">18986</a>	NM_020944.2		1-17	Spastic paraplegia 46, autosomal recessive <a href="#">OMIM</a>
<a href="#">GDF6</a>	<a href="#">4221</a>	NM_001001557.3		1-2	Leber congenital amaurosis 17 <a href="#">OMIM</a>
<a href="#">GMPPB</a>	<a href="#">22932</a>	NM_021971.2		1-9	Muscular dystrophy-dystroglycanopathy (congenital with brain and eye anomalies), type A, 14 <a href="#">OMIM</a>
<a href="#">GNAT1</a>	<a href="#">4393</a>	NM_144499.2		1-8	Night blindness, congenital stationary, autosomal dominant 3 <a href="#">OMIM</a>
<a href="#">GNAT2</a>	<a href="#">4394</a>	NM_005272.3		1-8	Achromatopsia 4 <a href="#">OMIM</a>
<a href="#">GNB3</a>	<a href="#">4400</a>	NM_002075.3		2-10	Night blindness, congenital stationary, type 1H <a href="#">OMIM</a>
<a href="#">GPR143</a>	<a href="#">20145</a>	NM_000273.2		1-9	Nystagmus 6, congenital, X-linked <a href="#">OMIM</a> Ocular albinism, type I, Nettleship-Falls type <a href="#">OMIM</a>
<a href="#">GPR179</a>	<a href="#">31371</a>	NM_001004334.3		1-11	Night blindness, congenital stationary (complete), 1E, autosomal recessive <a href="#">OMIM</a>
<a href="#">GPR98</a>	<a href="#">17416</a>	NM_032119.3		1-90	Usher syndrome, type 2C <a href="#">OMIM</a> Usher syndrome, type 2C, GPR98/PDZD7 digenic <a href="#">OMIM</a>
<a href="#">GRK1</a>	<a href="#">10013</a>	NM_002929.2		1-7	Oguchi disease-2 <a href="#">OMIM</a>
<a href="#">GRM6</a>	<a href="#">4598</a>	NM_000843.3		1-10	Night blindness, congenital stationary (complete), 1B, autosomal recessive <a href="#">OMIM</a>
<a href="#">GUCA1A</a>	<a href="#">4678</a>	NM_000409.4		3-6	Cone dystrophy-3 <a href="#">OMIM</a> Cone-rod dystrophy 14 <a href="#">OMIM</a>
<a href="#">GUCA1B</a>	<a href="#">4679</a>	NM_002098.5		1-4	Retinitis pigmentosa 48 <a href="#">OMIM</a>
<a href="#">GUCY2D</a>	<a href="#">4689</a>	NM_000180.3		2-19	Cone-rod dystrophy 6 <a href="#">OMIM</a> Leber congenital amaurosis 1 <a href="#">OMIM</a>



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<a href="#">HARS</a>	<a href="#">4816</a>	NM_002109.5		1-13	Usher syndrome type 3B <a href="#">OMIM</a>
<a href="#">HGSNAT</a>	<a href="#">26527</a>	NM_152419.2		1-18	Retinitis pigmentosa 73 <a href="#">OMIM</a>
<a href="#">HK1</a>	<a href="#">4922</a>	NM_000188.2		1-18	Retinitis pigmentosa 79 <a href="#">OMIM</a>
<a href="#">HMX1</a>	<a href="#">5017</a>	NM_018942.2		1-2	Oculoauricular syndrome <a href="#">OMIM</a>
<a href="#">IDH3B</a>	<a href="#">5385</a>	NM_006899.4		1-12	Retinitis pigmentosa 46 <a href="#">OMIM</a>
<a href="#">IFT140</a>	<a href="#">29077</a>	NM_014714.3		3-31	Retinitis pigmentosa 80 <a href="#">OMIM</a>
<a href="#">IFT172</a>	<a href="#">30391</a>	NM_015662.2		1-48	Retinitis pigmentosa 71 <a href="#">OMIM</a>
<a href="#">IFT27</a>	<a href="#">18626</a>	NM_006860.4		1-7	?Bardet-Biedl syndrome 19 <a href="#">OMIM</a>
<a href="#">IFT43</a>	<a href="#">29669</a>	NM_052873.2		1-8	Retinitis pigmentosa 85 <a href="#">OMIM</a>
<a href="#">IMPDH1</a>	<a href="#">6052</a>	NM_000883.3		1-17	Leber congenital amaurosis 11 <a href="#">OMIM</a> Retinitis pigmentosa 10 <a href="#">OMIM</a>
<a href="#">IMPG1</a>	<a href="#">6055</a>	NM_001563.3		1-17	Macular dystrophy, vitelliform, 4 <a href="#">OMIM</a>
<a href="#">IMPG2</a>	<a href="#">18362</a>	NM_016247.3		1-19	Macular dystrophy, vitelliform, 5 <a href="#">OMIM</a> Retinitis pigmentosa 56 <a href="#">OMIM</a>
<a href="#">INPP5E</a>	<a href="#">21474</a>	NM_019892.5		1-10	Joubert syndrome 1 <a href="#">OMIM</a> Mental retardation, truncal obesity, retinal dystrophy, and micropenis <a href="#">OMIM</a>
<a href="#">IQCB1</a>	<a href="#">28949</a>	NM_001023570.3		3-15	Senior-Loken syndrome 5 <a href="#">OMIM</a>
<a href="#">ITM2B</a>	<a href="#">6174</a>	NM_021999.4		1-6	?Retinal dystrophy with inner retinal dysfunction and ganglion cell abnormalities <a href="#">OMIM</a>

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<a href="#">JAG1</a>	<a href="#">6188</a>	NM_000214.2		1-26	Alagille syndrome 1 <a href="#">OMIM</a>
<a href="#">KCNJ13</a>	<a href="#">6259</a>	NM_002242.4		2-3	Leber congenital amaurosis 16 <a href="#">OMIM</a> Snowflake vitreoretinal degeneration <a href="#">OMIM</a>
<a href="#">KCNV2</a>	<a href="#">19698</a>	NM_133497.3		1-2	Retinal cone dystrophy 3B <a href="#">OMIM</a>
<a href="#">KIF11</a>	<a href="#">6388</a>	NM_004523.3		1-22	Microcephaly with or without chorioretinopathy, lymphedema, or mental retardation <a href="#">OMIM</a>
<a href="#">KLHL7</a>	<a href="#">15646</a>	NM_001031710.2		1-11	Retinitis pigmentosa 42 <a href="#">OMIM</a>
<a href="#">LAMA1</a>	<a href="#">6481</a>	NM_005559.3		1-63	Poretti-Boltshauser syndrome <a href="#">OMIM</a>
<a href="#">LARGE</a>	<a href="#">6511</a>	NM_004737.5		3-16	Muscular dystrophy- dystroglycanopathy (congenital with brain and eye anomalies), type A, 6 <a href="#">OMIM</a> Muscular dystrophy- dystroglycanopathy (congenital with mental retardation), type B, 6 <a href="#">OMIM</a>
<a href="#">LCA5</a>	<a href="#">31923</a>	NM_181714.3		3-9	Leber congenital amaurosis 5 <a href="#">OMIM</a>
<a href="#">LRAT</a>	<a href="#">6685</a>	NM_004744.4		2-3	Leber congenital amaurosis 14 <a href="#">OMIM</a> Retinal dystrophy, early-onset severe <a href="#">OMIM</a> Retinitis pigmentosa, juvenile <a href="#">OMIM</a>
<a href="#">LRIT3</a>	<a href="#">24783</a>	NM_198506.4		1-4	Night blindness, congenital stationary (complete), 1F, autosomal recessive <a href="#">OMIM</a>
<a href="#">LRP2</a>	<a href="#">6694</a>	NM_004525.2		1-79	Donnai-Barrow syndrome <a href="#">OMIM</a>
<a href="#">LRP5</a>	<a href="#">6697</a>	NM_002335.3	<a href="#">1, 3-9</a>	1-23	Exudative vitreoretinopathy 4 <a href="#">OMIM</a>
<a href="#">LZTFL1</a>	<a href="#">6741</a>	NM_020347.3		1-10	Bardet-Biedl syndrome 17 <a href="#">OMIM</a>

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<a href="#">MAB21L2</a>	<a href="#">6758</a>	NM_006439.4		1	Microphthalmia/coloboma and skeletal dysplasia syndrome <a href="#">OMIM</a>
<a href="#">MAK</a>	<a href="#">6816</a>	NM_001242957.2		1-14	Retinitis pigmentosa 62 <a href="#">OMIM</a>
<a href="#">MERTK</a>	<a href="#">7027</a>	NM_006343.2		1-19	Retinitis pigmentosa 38 <a href="#">OMIM</a>
<a href="#">MFSD8</a>	<a href="#">28486</a>	NM_152778.2		2-13	Ceroid lipofuscinosis, neuronal, 7 <a href="#">OMIM</a> Macular dystrophy with central cone involvement <a href="#">OMIM</a>
<a href="#">MKKS</a>	<a href="#">7108</a>	NM_018848.3		3-6	Bardet-Biedl syndrome 6 <a href="#">OMIM</a>
<a href="#">MKS1</a>	<a href="#">7121</a>	NM_017777.3		1-18	Bardet-Biedl syndrome 13 <a href="#">OMIM</a> Joubert syndrome 28 <a href="#">OMIM</a>
<a href="#">MVK</a>	<a href="#">7530</a>	NM_000431.3		2-11	Mevalonic aciduria <a href="#">OMIM</a>
<a href="#">MYO7A</a>	<a href="#">7606</a>	NM_000260.3		2-49	Usher syndrome, type 1B <a href="#">OMIM</a>
<a href="#">NBAS</a>	<a href="#">15625</a>	NM_015909.3		1-52	Short stature, optic nerve atrophy, and Pelger-Huet anomaly <a href="#">OMIM</a>
<a href="#">NDP</a>	<a href="#">7678</a>	NM_000266.3		2-3	Exudative vitreoretinopathy 2, X-linked <a href="#">OMIM</a> Norrie disease <a href="#">OMIM</a>
<a href="#">NEK2</a>	<a href="#">7745</a>	NM_002497.3		1-8	?Retinitis pigmentosa 67 <a href="#">OMIM</a>
<a href="#">NMNAT1</a>	<a href="#">17877</a>	NM_022787.3		2-5	Leber congenital amaurosis 9 <a href="#">OMIM</a>
<a href="#">NPHP1</a>	<a href="#">7905</a>	NM_000272.3		1-20	Joubert syndrome 4 <a href="#">OMIM</a> Nephronophthisis 1, juvenile <a href="#">OMIM</a> Senior-Loken syndrome-1 <a href="#">OMIM</a>
<a href="#">NPHP3</a>	<a href="#">7907</a>	NM_153240.4		1-27	Meckel syndrome 7 <a href="#">OMIM</a> Nephronophthisis 3 <a href="#">OMIM</a>
<a href="#">NPHP4</a>	<a href="#">19104</a>	NM_015102.4		2-30	Senior-Loken syndrome 4 <a href="#">OMIM</a>

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<a href="#">NRL</a>	<a href="#">8002</a>	NM_006177.3		2-3	Retinal degeneration, autosomal recessive, clumped pigment type Retinitis pigmentosa 27 <a href="#">OMIM</a>
<a href="#">NUS1</a>	<a href="#">21042</a>	NM_138459.4	<a href="#">5</a>	1-5	?Congenital disorder of glycosylation, type 1aa <a href="#">OMIM</a>
<a href="#">NYX</a>	<a href="#">8082</a>	NM_022567.2		1-2	Night blindness, congenital stationary (complete), 1A, X-linked <a href="#">OMIM</a>
<a href="#">OAT</a>	<a href="#">8091</a>	NM_000274.3		2-10	Gyrate atrophy of choroid and retina with or without ornithinemia <a href="#">OMIM</a>
<a href="#">OFD1</a>	<a href="#">2567</a>	NM_003611.2		1-23	?Retinitis pigmentosa 23 <a href="#">OMIM</a>
<a href="#">OPN1SW</a>	<a href="#">1012</a>	NM_001708.2		1-5	Colorblindness, tritan <a href="#">OMIM</a>
<a href="#">OTX2</a>	<a href="#">8522</a>	NM_001270524.1		2-4	Microphthalmia, syndromic 5 <a href="#">OMIM</a> Retinal dystrophy, early-onset, with or without pituitary dysfunction <a href="#">OMIM</a>
<a href="#">OVOL2</a>	<a href="#">15804</a>	NM_021220.3		1-4	Corneal dystrophy, posterior polymorphous, 1 <a href="#">OMIM</a>
<a href="#">PANK2</a>	<a href="#">15894</a>	NM_153638.3		1-7	Neurodegeneration with brain iron accumulation 1 <a href="#">OMIM</a>
<a href="#">PAX2</a>	<a href="#">8616</a>	NM_003987.4		1-11	Glomerulosclerosis, focal segmental, 7 <a href="#">OMIM</a>
<a href="#">PAX3</a>	<a href="#">8617</a>	NM_181457.3		1-8	Waardenburg syndrome, type 1 <a href="#">OMIM</a> Waardenburg syndrome, type 3 <a href="#">OMIM</a>
<a href="#">PAX6</a>	<a href="#">8620</a>	NM_000280.4		4-13	Optic nerve hypoplasia <a href="#">OMIM</a>
<a href="#">PCDH15</a>	<a href="#">14674</a>	NM_033056.3		2-33	Usher syndrome, type 1D/F digenic <a href="#">OMIM</a> Usher syndrome, type 1F <a href="#">OMIM</a>
<a href="#">PCYT1A</a>	<a href="#">8754</a>	NM_005017.3		3-10	Spondylometaphyseal dysplasia with cone-rod dystrophy <a href="#">OMIM</a>

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<a href="#">PDE6A</a>	<a href="#">8785</a>	NM_000440.2		1-22	Retinitis pigmentosa 43 <a href="#">OMIM</a>
<a href="#">PDE6B</a>	<a href="#">8786</a>	NM_000283.3		1-22	Retinitis pigmentosa-40 <a href="#">OMIM</a>
<a href="#">PDE6C</a>	<a href="#">8787</a>	NM_006204.3		1-22	Cone dystrophy 4 <a href="#">OMIM</a>
<a href="#">PDE6D</a>	<a href="#">8788</a>	NM_002601.3		1-5	?Joubert syndrome 22 <a href="#">OMIM</a>
<a href="#">PDE6G</a>	<a href="#">8789</a>	NM_002602.3		2-4	Retinitis pigmentosa 57 <a href="#">OMIM</a>
<a href="#">PDE6H</a>	<a href="#">8790</a>	NM_006205.2		2-4	Retinal cone dystrophy 3 <a href="#">OMIM</a>
<a href="#">PDZD7</a>	<a href="#">26257</a>	NM_024895.4		2-10	Usher syndrome, type IIC, GPR98/PDZD7 digenic <a href="#">OMIM</a> {Retinal disease in Usher syndrome type IIA, modifier of} <a href="#">OMIM</a>
<a href="#">PEX1</a>	<a href="#">8850</a>	NM_000466.2		1-24	Heimler syndrome 1 <a href="#">OMIM</a> Peroxisome biogenesis disorder 1A (Zellweger) <a href="#">OMIM</a> Peroxisome biogenesis disorder 1B (NALD/IRD) <a href="#">OMIM</a>
<a href="#">PEX2</a>	<a href="#">9717</a>	NM_000318.2		4	Peroxisome biogenesis disorder 5A (Zellweger) <a href="#">OMIM</a> Peroxisome biogenesis disorder 5B <a href="#">OMIM</a>
<a href="#">PEX26</a>	<a href="#">22965</a>	NM_017929.5		2-6	Peroxisome biogenesis disorder 7A (Zellweger) <a href="#">OMIM</a> Peroxisome biogenesis disorder 7B <a href="#">OMIM</a>
<a href="#">PEX6</a>	<a href="#">8859</a>	NM_000287.3		1-17	Peroxisome biogenesis disorder 4A (Zellweger) <a href="#">OMIM</a>
<a href="#">PEX7</a>	<a href="#">8860</a>	NM_000288.3		1-10	Peroxisome biogenesis disorder 9B <a href="#">OMIM</a>
<a href="#">PGK1</a>	<a href="#">8896</a>	NM_000291.3		1-11	Phosphoglycerate kinase 1 deficiency <a href="#">OMIM</a>

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<a href="#">PHYH</a>	<a href="#">8940</a>	NM_006214.3		1-9	Refsum disease <a href="#">OMIM</a>
<a href="#">PITPNM3</a>	<a href="#">21043</a>	NM_031220.3		1-20	Cone-rod dystrophy 5 <a href="#">OMIM</a>
<a href="#">PLA2G5</a>	<a href="#">9038</a>	NM_000929.2		2-5	[Fleck retina, familial benign] <a href="#">OMIM</a>
<a href="#">PLK4</a>	<a href="#">11397</a>	NM_014264.4		1-16	Microcephaly and chorioretinopathy, autosomal recessive, 2 <a href="#">OMIM</a>
<a href="#">PMM2</a>	<a href="#">9115</a>	NM_000303.2		1-8	Congenital disorder of glycosylation, type Ia <a href="#">OMIM</a>
<a href="#">PNPLA6</a>	<a href="#">16268</a>	NM_006702.4		3-35	?Laurence-Moon syndrome <a href="#">OMIM</a>
<a href="#">POC1B</a>	<a href="#">30836</a>	NM_172240.2		1-12	Cone-rod dystrophy 20 <a href="#">OMIM</a>
<a href="#">POMGNT1</a>	<a href="#">19139</a>	NM_017739.3		2-22	Retinitis pigmentosa 76 <a href="#">OMIM</a>
<a href="#">POMK</a>	<a href="#">26267</a>	NM_032237.4		4-5	?Muscular dystrophy-dystroglycanopathy (limb-girdle), type C, 12 <a href="#">OMIM</a> Muscular dystrophy-dystroglycanopathy (congenital with brain and eye anomalies), type A, 12 <a href="#">OMIM</a>
<a href="#">PPT1</a>	<a href="#">9325</a>	NM_000310.3		1-9	Ceroid lipofuscinosis, neuronal, 1 <a href="#">OMIM</a>
<a href="#">PROM1</a>	<a href="#">9454</a>	NM_006017.2		1-26	Cone-rod dystrophy 12 <a href="#">OMIM</a> Retinitis pigmentosa 41 <a href="#">OMIM</a> Stargardt disease 4 <a href="#">OMIM</a> Macular Dystrophy, retinal, 2 <a href="#">OMIM</a>
<a href="#">PRPF3</a>	<a href="#">17348</a>	NM_004698.3		2-16	Retinitis pigmentosa 18 <a href="#">OMIM</a>
<a href="#">PRPF31</a>	<a href="#">15446</a>	NM_015629.3		2-14	Retinitis pigmentosa 11 <a href="#">OMIM</a>
<a href="#">PRPF4</a>	<a href="#">17349</a>	NM_004697.4		1-14	Retinitis pigmentosa 70 <a href="#">OMIM</a>

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<a href="#">PRPF8</a>	<a href="#">17340</a>	NM_006445.3		2-43	Retinitis pigmentosa 13 <a href="#">OMIM</a>
<a href="#">PRPH2</a>	<a href="#">9942</a>	NM_000322.4		1-3	Choroidal dystrophy, central areolar 2 <a href="#">OMIM</a> Leber congenital amaurosis 18 <a href="#">OMIM</a> Retinitis pigmentosa 7 and digenic <a href="#">OMIM</a> Retinitis punctata albescens <a href="#">OMIM</a>
<a href="#">RAB18</a>	<a href="#">14244</a>	NM_021252.4		1-7	Warburg micro syndrome 3 <a href="#">OMIM</a>
<a href="#">RAB28</a>	<a href="#">9768</a>	NM_004249.3		1-7	Cone-rod dystrophy 18 <a href="#">OMIM</a>
<a href="#">RAB3GAP1</a>	<a href="#">17063</a>	NM_012233.2		1-24	Warburg micro syndrome 1 <a href="#">OMIM</a>
<a href="#">RAB3GAP2</a>	<a href="#">17168</a>	NM_012414.3		1-35	Martsolf syndrome <a href="#">OMIM</a> Warburg micro syndrome 2 <a href="#">OMIM</a>
<a href="#">RAX2</a>	<a href="#">18286</a>	NM_032753.3		2-3	Cone-rod dystrophy 11 <a href="#">OMIM</a>
<a href="#">RBP3</a>	<a href="#">9921</a>	NM_002900.2		1-4	?Retinitis pigmentosa 66 <a href="#">OMIM</a>
<a href="#">RBP4</a>	<a href="#">9922</a>	NM_006744.3		2-6	Microphthalmia, isolated, with coloboma 10 <a href="#">OMIM</a> Retinal dystrophy, iris coloboma, and comedogenic acne syndrome <a href="#">OMIM</a>
<a href="#">RCBTB1</a>	<a href="#">18243</a>	NM_018191.3		3-13	Retinal dystrophy with or without extraocular anomalies <a href="#">OMIM</a>
<a href="#">RD3</a>	<a href="#">19689</a>	NM_183059.2		2-3	Leber congenital amaurosis 12 <a href="#">OMIM</a>
<a href="#">RDH11</a>	<a href="#">17964</a>	NM_001252650.1		1-6	?Retinal dystrophy, juvenile cataracts, and short stature syndrome <a href="#">OMIM</a>
<a href="#">RDH12</a>	<a href="#">19977</a>	NM_152443.2		3-9	Leber congenital amaurosis 13 <a href="#">OMIM</a>
<a href="#">RDH5</a>	<a href="#">9940</a>	NM_002905.3		2-5	Fundus albipunctatus <a href="#">OMIM</a>

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<a href="#">REEP6</a>	<a href="#">30078</a>	NM_138393.2		1-5	Retinitis pigmentosa 77 <a href="#">OMIM</a>
<a href="#">RGR</a>	<a href="#">9990</a>	NM_001012720.1		1-7	Retinitis pigmentosa 44 <a href="#">OMIM</a>
<a href="#">RGS9</a>	<a href="#">10004</a>	NM_003835.3		1-19	Bradyopsia <a href="#">OMIM</a>
<a href="#">RHO</a>	<a href="#">10012</a>	NM_000539.3		1-5	Retinitis pigmentosa 4, autosomal dominant or recessive <a href="#">OMIM</a> Retinitis punctata albescens <a href="#">OMIM</a>
<a href="#">RIMS1</a>	<a href="#">17282</a>	NM_014989.5		1-34	Cone-rod dystrophy 7 <a href="#">OMIM</a>
<a href="#">RLBP1</a>	<a href="#">10024</a>	NM_000326.4		3-9	Bothnia retinal dystrophy <a href="#">OMIM</a> Newfoundland rod-cone dystrophy <a href="#">OMIM</a> Retinitis punctata albescens <a href="#">OMIM</a>
<a href="#">ROM1</a>	<a href="#">10254</a>	NM_000327.3		1-3	Retinitis pigmentosa 7, digenic <a href="#">OMIM</a>
<a href="#">RP1</a>	<a href="#">10263</a>	NM_006269.1		2-4	Retinitis pigmentosa 1 <a href="#">OMIM</a>
<a href="#">RP1L1</a>	<a href="#">15946</a>	NM_178857.5		2-4	Occult macular dystrophy <a href="#">OMIM</a>
<a href="#">RP2</a>	<a href="#">10274</a>	NM_006915.2		1-5	Retinitis pigmentosa 2 <a href="#">OMIM</a>
<a href="#">RP9</a>	<a href="#">10288</a>	NM_203288.1		1-6	?Retinitis pigmentosa 9 <a href="#">OMIM</a>
<a href="#">RPE65</a>	<a href="#">10294</a>	NM_000329.2		1-14	Leber congenital amaurosis 2 <a href="#">OMIM</a> Retinitis pigmentosa 20 <a href="#">OMIM</a>
<a href="#">RPGR</a>	<a href="#">10295</a>	NM_000328.2		1-19	Cone-rod dystrophy, X-linked, 1 <a href="#">OMIM</a> Retinitis pigmentosa 3 <a href="#">OMIM</a> Retinitis pigmentosa, X-linked, and sinorespiratory infections, with or without deafness <a href="#">OMIM</a>
<a href="#">RPGRI1</a>	<a href="#">13436</a>	NM_020366.3		1-24	Cone-rod dystrophy 13 <a href="#">OMIM</a> Leber congenital amaurosis 6 <a href="#">OMIM</a>



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<a href="#">RPGRI1L</a>	<a href="#">29168</a>	NM_015272.4		2-27	Joubert syndrome 7 <a href="#">OMIM</a> Meckel syndrome 5 <a href="#">OMIM</a>
<a href="#">RS1</a>	<a href="#">10457</a>	NM_000330.3		1-6	Retinoschisis <a href="#">OMIM</a>
<a href="#">SAG</a>	<a href="#">10521</a>	NM_000541.4		2-16	Oguchi disease-1 <a href="#">OMIM</a> Retinitis pigmentosa 47 <a href="#">OMIM</a>
<a href="#">SDCCAG8</a>	<a href="#">10671</a>	NM_006642.4		1-18	Bardet-Biedl syndrome 16 <a href="#">OMIM</a> Senior-Loken syndrome 7 <a href="#">OMIM</a>
<a href="#">SEMA4A</a>	<a href="#">10729</a>	NM_022367.3		2-15	Cone-rod dystrophy 10 <a href="#">OMIM</a> Retinitis pigmentosa 35 <a href="#">OMIM</a>
<a href="#">SLC24A1</a>	<a href="#">10975</a>	NM_004727.2		2-10	Night blindness, congenital stationary (complete), 1D, autosomal recessive <a href="#">OMIM</a>
<a href="#">SLC25A46</a>	<a href="#">25198</a>	NM_138773.3		1-8	Neuropathy, hereditary motor and sensory, type VIB <a href="#">OMIM</a>
<a href="#">SLC38A8</a>	<a href="#">32434</a>	NM_001080442.2		1-10	Foveal hypoplasia 2, with or without optic nerve misrouting and/or anterior segment dysgenesis <a href="#">OMIM</a>
<a href="#">SLC7A14</a>	<a href="#">29326</a>	NM_020949.2		2-8	Retinitis pigmentosa 68 <a href="#">OMIM</a>
<a href="#">SNRNP200</a>	<a href="#">30859</a>	NM_014014.4		1-45	Retinitis pigmentosa 33 <a href="#">OMIM</a>
<a href="#">SOX10</a>	<a href="#">11190</a>	NM_006941.3		2-4	Waardenburg syndrome, type 2E, with or without neurologic involvement <a href="#">OMIM</a> Waardenburg syndrome, type 4C <a href="#">OMIM</a>
<a href="#">SPATA7</a>	<a href="#">20423</a>	NM_018418.4		1-12	Leber congenital amaurosis 3 <a href="#">OMIM</a> Retinitis pigmentosa, juvenile, autosomal recessive <a href="#">OMIM</a>
<a href="#">TEAD1</a>	<a href="#">11714</a>	NM_021961.5		3-13	Sveinsson chorioretinal atrophy <a href="#">OMIM</a>
<a href="#">TIMM8A</a>	<a href="#">11817</a>	NM_004085.3	<a href="#">2</a>	1-2	Mohr-Tranebjaerg syndrome <a href="#">OMIM</a>

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<a href="#">TIMP3</a>	<a href="#">11822</a>	NM_000362.4		1-5	Sorsby fundus dystrophy <a href="#">OMIM</a>
<a href="#">TMEM216</a>	<a href="#">25018</a>	NM_001173990.2		1-5	Joubert syndrome 2 <a href="#">OMIM</a> Meckel syndrome 2 <a href="#">OMIM</a>
<a href="#">TMEM237</a>	<a href="#">14432</a>	NM_001044385.2		1-12	Joubert syndrome 14 <a href="#">OMIM</a>
<a href="#">TMEM67</a>	<a href="#">28396</a>	NM_153704.5		1-28	COACH syndrome <a href="#">OMIM</a> Joubert syndrome 6 <a href="#">OMIM</a> Meckel syndrome 3 <a href="#">OMIM</a> Nephronophthisis 11 <a href="#">OMIM</a>
<a href="#">TOPORS</a>	<a href="#">21653</a>	NM_005802.4		1-3	Retinitis pigmentosa 31 <a href="#">OMIM</a>
<a href="#">TPP1</a>	<a href="#">2073</a>	NM_000391.3		1-13	Ceroid lipofuscinosis, neuronal, 2 <a href="#">OMIM</a>
<a href="#">TRAF3IP1</a>	<a href="#">17861</a>	NM_015650.3		1-17	Senior-Loken syndrome 9 <a href="#">OMIM</a>
<a href="#">TREX1</a>	<a href="#">12269</a>	NM_033629.4		2	Vasculopathy, retinal, with cerebral leukodystrophy <a href="#">OMIM</a>
<a href="#">TRIM32</a>	<a href="#">16380</a>	NM_012210.3		2	?Bardet-Biedl syndrome 11 <a href="#">OMIM</a>
<a href="#">TRNT1</a>	<a href="#">17341</a>	NM_182916.2		2-8	Retinitis pigmentosa and erythrocytic microcytosis <a href="#">OMIM</a>
<a href="#">TRPM1</a>	<a href="#">7146</a>	NM_002420.5		2-27	Night blindness, congenital stationary (complete), 1C, autosomal recessive <a href="#">OMIM</a>
<a href="#">TSPAN12</a>	<a href="#">21641</a>	NM_012338.3		2-8	Exudative vitreoretinopathy 5 <a href="#">OMIM</a>
<a href="#">TTC8</a>	<a href="#">20087</a>	NM_198309.3		2-15	?Retinitis pigmentosa 51 <a href="#">OMIM</a> Bardet-Biedl syndrome 8 <a href="#">OMIM</a>
<a href="#">TTLL5</a>	<a href="#">19963</a>	NM_015072.4		2-32	Cone-rod dystrophy 19 <a href="#">OMIM</a>
<a href="#">TTPA</a>	<a href="#">12404</a>	NM_000370.3		1-5	Ataxia with isolated vitamin E deficiency <a href="#">OMIM</a>

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<a href="#">TUB</a>	<a href="#">12406</a>	NM_003320.4		1-13	?Retinal dystrophy and obesity <a href="#">OMIM</a>
<a href="#">TUBGCP4</a>	<a href="#">16691</a>	NM_014444.4		1-18	Microcephaly and chorioretinopathy, autosomal recessive, 3 <a href="#">OMIM</a>
<a href="#">TUBGCP6</a>	<a href="#">18127</a>	NM_020461.3		1-25	Microcephaly and chorioretinopathy, autosomal recessive, 1 <a href="#">OMIM</a>
<a href="#">TULP1</a>	<a href="#">12423</a>	NM_003322.5		1-15	Leber congenital amaurosis 15 <a href="#">OMIM</a> Retinitis pigmentosa 14 <a href="#">OMIM</a>
<a href="#">USH1C</a>	<a href="#">12597</a>	NM_005709.3		1-21	Deafness, autosomal recessive 18A <a href="#">OMIM</a> Usher syndrome, type 1C <a href="#">OMIM</a>
<a href="#">USH1G</a>	<a href="#">16356</a>	NM_173477.4		1-3	Usher syndrome, type 1G <a href="#">OMIM</a>
<a href="#">USH2A</a>	<a href="#">12601</a>	NM_206933.2		2-72	Retinitis pigmentosa 39 <a href="#">OMIM</a> Usher syndrome, type 2A <a href="#">OMIM</a>
<a href="#">VCAN</a>	<a href="#">2464</a>	NM_004385.4		2-15	Wagner syndrome 1 <a href="#">OMIM</a>
<a href="#">VPS13B</a>	<a href="#">2183</a>	NM_017890.4		2-62	Cohen syndrome <a href="#">OMIM</a>
<a href="#">WDPCP</a>	<a href="#">28027</a>	NM_015910.5		1-18	?Bardet-Biedl syndrome 15 <a href="#">OMIM</a> ?Congenital heart defects, hamartomas of tongue, and polysyndactyly <a href="#">OMIM</a>
<a href="#">WDR19</a>	<a href="#">18340</a>	NM_025132.3		1-36	Nephronophthisis 13 <a href="#">OMIM</a> Senior-Loken syndrome 8 <a href="#">OMIM</a>
<a href="#">WFS1</a>	<a href="#">12762</a>	NM_006005.3		2-8	Wolfram syndrome 1 <a href="#">OMIM</a> Wolfram-like syndrome, autosomal dominant <a href="#">OMIM</a>
<a href="#">ZNF408</a>	<a href="#">20041</a>	NM_024741.2		1-5	Retinitis pigmentosa 72 <a href="#">OMIM</a>
<a href="#">ZNF423</a>	<a href="#">16762</a>	NM_015069.4		1-8	Joubert syndrome 19 <a href="#">OMIM</a>
<a href="#">ZNF513</a>	<a href="#">26498</a>	NM_144631.5		1-4	?Retinitis pigmentosa 58 <a href="#">OMIM</a>