

# Linsesykdommer

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>).

For noen gener ligger alle ekson i områder med segmentale duplikasjoner, så disse vil ikke bli analysert: **GJA1**

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="#">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="#">ADAMTS10</a>	<a href="#">13201</a>	NM_030957.3		3-26	Weill-Marchesani syndrome 1, recessive <a href="#">OMIM</a>
<a href="#">ADAMTS17</a>	<a href="#">17109</a>	NM_139057.3		1-22	Weill-Marchesani-like syndrome <a href="#">OMIM</a>
<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="#">ADAMTSL4</a>	<a href="#">19706</a>	NM_019032.5		3-19	Ectopia lentis et pupillae Ectopia lentis, isolated, autosomal recessive <a href="#">OMIM</a>

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<a href="#">AGK</a>	<a href="#">21869</a>	NM_018238.3	<a href="#">16</a>	2-16	Cataract 38, autosomal recessive <a href="#">OMIM</a> Sengers syndrome <a href="#">OMIM</a>
<a href="#">ALDH18A1</a>	<a href="#">9722</a>	NM_002860.3		2-18	Cutis laxa, autosomal dominant 3 <a href="#">OMIM</a> Cutis laxa, autosomal recessive, type IIIA <a href="#">OMIM</a>
<a href="#">ALG2</a>	<a href="#">23159</a>	NM_033087.3		1-2	?Congenital disorder of glycosylation, type li <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="#">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>
<a href="#">B3GALTL</a>	<a href="#">20207</a>	NM_194318.3		1-15	Peters-plus syndrome <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="#">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> Vitreoretinchoroidopathy <a href="#">OMIM</a>
<a href="#">BFSP1</a>	<a href="#">1040</a>	NM_001195.4		1-8	Cataract 33, multiple types <a href="#">OMIM</a>
<a href="#">BFSP2</a>	<a href="#">1041</a>	NM_003571.3		1-7	Cataract 12, multiple types <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>

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<a href="#">CBS</a>	<a href="#">1550</a>	NM_000071.2		3-17	Homocystinuria, B6-responsive and nonresponsive types <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="#">CHMP4B</a>	<a href="#">16171</a>	NM_176812.4		1-5	Cataract 31, multiple types <a href="#">OMIM</a>
<a href="#">CHN1</a>	<a href="#">1943</a>	NM_001822.5		1-13	Duane retraction syndrome 2 <a href="#">OMIM</a>
<a href="#">CHRDL1</a>	<a href="#">29861</a>	NM_001143981.1		2-12	Megalocornea 1, X-linked <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>
<a href="#">COL4A1</a>	<a href="#">2202</a>	NM_001845.5		1-52	?Retinal arteries, tortuosity of <a href="#">OMIM</a>
<a href="#">CRYAA</a>	<a href="#">2388</a>	NM_000394.3		1-3	Cataract 9, multiple types <a href="#">OMIM</a>
<a href="#">CRYAB</a>	<a href="#">2389</a>	NM_001885.2		2-4	Cataract 16, multiple types <a href="#">OMIM</a>
<a href="#">CRYBA1</a>	<a href="#">2394</a>	NM_005208.4		1-6	Cataract 10, multiple types <a href="#">OMIM</a>
<a href="#">CRYBA2</a>	<a href="#">2395</a>	NM_057093.1		1-4	?Cataract 42 <a href="#">OMIM</a>
<a href="#">CRYBA4</a>	<a href="#">2396</a>	NM_001886.2		2-6	Cataract 23 <a href="#">OMIM</a>
<a href="#">CRYBB1</a>	<a href="#">2397</a>	NM_001887.3		2-6	Cataract 17, multiple types <a href="#">OMIM</a>

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<a href="#">CRYBB2</a>	<a href="#">2398</a>	NM_000496.2	<a href="#">4-6</a>	2-6	Cataract 3, multiple types <a href="#">OMIM</a>
<a href="#">CRYBB3</a>	<a href="#">2400</a>	NM_004076.4		2-6	Cataract 22 <a href="#">OMIM</a>
<a href="#">CRYGB</a>	<a href="#">2409</a>	NM_005210.3		1-3	Cataract 39, multiple types, autosomal dominant <a href="#">OMIM</a>
<a href="#">CRYGC</a>	<a href="#">2410</a>	NM_020989.3		1-3	Cataract 2, multiple types <a href="#">OMIM</a>
<a href="#">CRYGD</a>	<a href="#">2411</a>	NM_006891.3		1-3	Cataract 4, multiple types <a href="#">OMIM</a>
<a href="#">CRYGS</a>	<a href="#">2417</a>	NM_017541.3		1-3	Cataract 20, multiple types <a href="#">OMIM</a>
<a href="#">CTDP1</a>	<a href="#">2498</a>	NM_004715.4		1-13	Congenital cataracts, facial dysmorphism, and neuropathy <a href="#">OMIM</a>
<a href="#">CYP27A1</a>	<a href="#">2605</a>	NM_000784.3		1-9	Cerebrotendinous xanthomatosis <a href="#">OMIM</a>
<a href="#">DHCR7</a>	<a href="#">2860</a>	NM_001360.2		3-9	Smith-Lemli-Opitz syndrome <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="#">EBP</a>	<a href="#">3133</a>	NM_006579.2		2-5	MEND syndrome <a href="#">OMIM</a>
<a href="#">EPHA2</a>	<a href="#">3386</a>	NM_004431.4		1-17	Cataract 6, multiple types <a href="#">OMIM</a>
<a href="#">ERCC1</a>	<a href="#">3433</a>	NM_202001.2		1-8	Cerebrooculofacioskeletal syndrome 4 <a href="#">OMIM</a>
<a href="#">ERCC2</a>	<a href="#">3434</a>	NM_000400.3		1-23	?Cerebrooculofacioskeletal syndrome 2 <a href="#">OMIM</a> Trichothiodystrophy 1, photosensitive <a href="#">OMIM</a>
<a href="#">ERCC3</a>	<a href="#">3435</a>	NM_000122.1		1-15	Trichothiodystrophy 2, photosensitive <a href="#">OMIM</a> Xeroderma pigmentosum, group B <a href="#">OMIM</a>

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<a href="#">ERCC5</a>	<a href="#">3437</a>	NM_000123.3		1-15	Cerebrooculofacioskeletal syndrome 3 <a href="#">OMIM</a>
<a href="#">EYA1</a>	<a href="#">3519</a>	NM_000503.5		3-18	Anterior segment anomalies with or without cataract <a href="#">OMIM</a>
<a href="#">FAM126A</a>	<a href="#">24587</a>	NM_032581.3		2-11	Leukodystrophy, hypomyelinating, 5 <a href="#">OMIM</a>
<a href="#">FBN1</a>	<a href="#">3603</a>	NM_000138.4		2-66	Ectopia lentis, familial <a href="#">OMIM</a> Marfan syndrome <a href="#">OMIM</a> MASS syndrome <a href="#">OMIM</a>
<a href="#">FOXE3</a>	<a href="#">3808</a>	NM_012186.2		1	Anterior segment dysgenesis 2, multiple subtypes <a href="#">OMIM</a> Cataract 34, multiple types <a href="#">OMIM</a>
<a href="#">FTL</a>	<a href="#">3999</a>	NM_000146.3		1-4	Hyperferritinemia-cataract syndrome <a href="#">OMIM</a>
<a href="#">FYCO1</a>	<a href="#">14673</a>	NM_024513.3		2-18	Cataract 18, autosomal recessive <a href="#">OMIM</a>
<a href="#">GALK1</a>	<a href="#">4118</a>	NM_000154.1		1-8	Galactokinase deficiency with cataracts <a href="#">OMIM</a>
<a href="#">GALT</a>	<a href="#">4135</a>	NM_000155.3		1-11	Galactosemia <a href="#">OMIM</a>
<a href="#">GBA2</a>	<a href="#">18986</a>	NM_020944.2		1-17	Spastic paraplegia 46, autosomal recessive <a href="#">OMIM</a>
<a href="#">GCNT2</a>	<a href="#">4204</a>	NM_001491.2		1-3	Cataract 13 with adult i phenotype <a href="#">OMIM</a>
<a href="#">GFER</a>	<a href="#">4236</a>	NM_005262.2		1-3	Myopathy, mitochondrial progressive, with congenital cataract, hearing loss, and developmental delay <a href="#">OMIM</a>
<a href="#">GJA1</a>	<a href="#">4274</a>	NM_000165.4	<a href="#">2</a>	2	Oculodentodigital dysplasia <a href="#">OMIM</a>
<a href="#">GJA3</a>	<a href="#">4277</a>	NM_021954.3		2	Cataract 14, multiple types <a href="#">OMIM</a>
<a href="#">GJA8</a>	<a href="#">4281</a>	NM_005267.4		2	Cataract 1, multiple types <a href="#">OMIM</a>

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<a href="#">GNPAT</a>	<a href="#">4416</a>	NM_014236.3		1-16	Rhizomelic chondrodysplasia punctata, type 2 <a href="#">OMIM</a>
<a href="#">GTF2H5</a>	<a href="#">21157</a>	NM_207118.2		2-3	Trichothiodystrophy 3, photosensitive <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="#">HSF4</a>	<a href="#">5227</a>	NM_001538.3		3-15	Cataract 5, multiple types <a href="#">OMIM</a>
<a href="#">IARS2</a>	<a href="#">29685</a>	NM_018060.3		1-23	?Cataracts, growth hormone deficiency, sensory neuropathy, sensorineural hearing loss, and skeletal dysplasia <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="#">INPP5K</a>	<a href="#">33882</a>	NM_016532.3		1-12	Muscular dystrophy, congenital, with cataracts and intellectual disability <a href="#">OMIM</a>
<a href="#">JAM3</a>	<a href="#">15532</a>	NM_032801.4		1-9	Hemorrhagic destruction of the brain, subependymal calcification, and cataracts <a href="#">OMIM</a>
<a href="#">LEMD2</a>	<a href="#">21244</a>	NM_181336.3		1-9	Cataract 46, juvenile-onset <a href="#">OMIM</a>
<a href="#">LIM2</a>	<a href="#">6610</a>	NM_030657.3		2-5	Cataract 19, multiple types <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="#">LSS</a>	<a href="#">6708</a>	NM_001001438.2		1-22	Cataract 44 <a href="#">OMIM</a>

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<a href="#">LTBP2</a>	<a href="#">6715</a>	NM_000428.2		1-36	?Weill-Marchesani syndrome 3, recessive <a href="#">OMIM</a> Glaucoma 3, primary congenital, D <a href="#">OMIM</a> Microspherophakia and/or megalocornea, with ectopia lentis and with or without secondary glaucoma <a href="#">OMIM</a>
<a href="#">MAF</a>	<a href="#">6776</a>	NM_005360.4		1-2	Ayme-Gripp syndrome <a href="#">OMIM</a> Cataract 21, multiple types <a href="#">OMIM</a>
<a href="#">MAN2B1</a>	<a href="#">6826</a>	NM_000528.3		1-24	Mannosidosis, alpha-, types I and II <a href="#">OMIM</a>
<a href="#">MED25</a>	<a href="#">28845</a>	NM_030973.3		1-18	Basel-Vanagait-Smirin-Yosef syndrome <a href="#">OMIM</a>
<a href="#">MIP</a>	<a href="#">7103</a>	NM_012064.3		1-4	Cataract 15, multiple types <a href="#">OMIM</a>
<a href="#">MITF</a>	<a href="#">7105</a>	NM_000248.3		1-9	COMMAD syndrome <a href="#">OMIM</a>
<a href="#">MSMO1</a>	<a href="#">10545</a>	NM_006745.4		2-6	Microcephaly, congenital cataract, and psoriasiform dermatitis <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="#">MYH9</a>	<a href="#">7579</a>	NM_002473.5		2-41	Fechtner syndrome <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="#">NF2</a>	<a href="#">7773</a>	NM_000268.3		1-16	Neurofibromatosis, type 2 <a href="#">OMIM</a>
<a href="#">NHS</a>	<a href="#">7820</a>	NM_198270.3		1-8	Cataract 40, X-linked <a href="#">OMIM</a> Nance-Horan syndrome <a href="#">OMIM</a>
<a href="#">NOTCH2</a>	<a href="#">7882</a>	NM_024408.3	<a href="#">1-4</a>	1-34	Alagille syndrome 2 <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>

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<a href="#">OCRL</a>	<a href="#">8108</a>	NM_000276.3		1-24	Low syndrome <a href="#">OMIM</a>
<a href="#">OPA3</a>	<a href="#">8142</a>	NM_025136.3		1-2	Optic atrophy 3 with cataract <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="#">PAX6</a>	<a href="#">8620</a>	NM_000280.4		4-13	?Coloboma of optic nerve <a href="#">OMIM</a> ?Coloboma, ocular <a href="#">OMIM</a> Aniridia <a href="#">OMIM</a> Anterior segment dysgenesis 5, multiple subtypes <a href="#">OMIM</a> Optic nerve hypoplasia <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="#">PEX11B</a>	<a href="#">8853</a>	NM_003846.2		1-4	?Peroxisome biogenesis disorder 14B <a href="#">OMIM</a>
<a href="#">PEX12</a>	<a href="#">8854</a>	NM_000286.2		1-3	Peroxisome biogenesis disorder 3A (Zellweger) <a href="#">OMIM</a> Peroxisome biogenesis disorder 3B <a href="#">OMIM</a>
<a href="#">PEX13</a>	<a href="#">8855</a>	NM_002618.3		1-4	Peroxisome biogenesis disorder 11A (Zellweger) <a href="#">OMIM</a>
<a href="#">PEX16</a>	<a href="#">8857</a>	NM_004813.2		1-11	Peroxisome biogenesis disorder 8A (Zellweger) <a href="#">OMIM</a> Peroxisome biogenesis disorder 8B <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>
<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>



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<a href="#">PEX3</a>	<a href="#">8858</a>	NM_003630.2		1-12	?Peroxisome biogenesis disorder 10B <a href="#">OMIM</a> Peroxisome biogenesis disorder 10A (Zellweger) <a href="#">OMIM</a>
<a href="#">PEX5</a>	<a href="#">9719</a>	NM_001131025.1		2-16	Peroxisome biogenesis disorder 2A (Zellweger) <a href="#">OMIM</a> Peroxisome biogenesis disorder 2B <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="#">PITX2</a>	<a href="#">9005</a>	NM_153427.2		3-5	Anterior segment dysgenesis 4 <a href="#">OMIM</a> Axenfeld-Rieger syndrome, type 1 <a href="#">OMIM</a>
<a href="#">PITX3</a>	<a href="#">9006</a>	NM_005029.3		2-4	Anterior segment dysgenesis 1, multiple subtypes <a href="#">OMIM</a> Cataract 11, multiple types <a href="#">OMIM</a> Cataract 11, syndromic <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="#">PORCN</a>	<a href="#">17652</a>	NM_203475.2		2-15	Focal dermal hypoplasia <a href="#">OMIM</a>
<a href="#">PXDN</a>	<a href="#">14966</a>	NM_012293.2		1-23	Anterior segment dysgenesis 7, with sclerocornea <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="#">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>

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<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="#">SC5D</a>	<a href="#">10547</a>	NM_006918.4		2-5	Lathosterolosis <a href="#">OMIM</a>
<a href="#">SEC23A</a>	<a href="#">10701</a>	NM_006364.3		2-20	Cranio-lenticulosutural dysplasia <a href="#">OMIM</a>
<a href="#">SIL1</a>	<a href="#">24624</a>	NM_022464.4		2-10	Marinesco-Sjogren syndrome <a href="#">OMIM</a>
<a href="#">SIPA1L3</a>	<a href="#">23801</a>	NM_015073.2		3-22	?Cataract 45 <a href="#">OMIM</a>
<a href="#">SLC16A12</a>	<a href="#">23094</a>	NM_213606.3		3-8	Cataract 47, juvenile, with microcornea <a href="#">OMIM</a>
<a href="#">SLC2A1</a>	<a href="#">11005</a>	NM_006516.2		1-10	Stomatin-deficient cryohydrocytosis with neurologic defects <a href="#">OMIM</a>
<a href="#">SLC33A1</a>	<a href="#">95</a>	NM_004733.3	<a href="#">6</a>	1-6	Congenital cataracts, hearing loss, and neurodegeneration <a href="#">OMIM</a>
<a href="#">SRD5A3</a>	<a href="#">25812</a>	NM_024592.4	<a href="#">4-5</a>	1-5	Kahrizi syndrome <a href="#">OMIM</a>
<a href="#">TBC1D20</a>	<a href="#">16133</a>	NM_144628.3		1-8	Warburg micro syndrome 4 <a href="#">OMIM</a>
<a href="#">TDRD7</a>	<a href="#">30831</a>	NM_014290.2		2-17	Cataract 36 <a href="#">OMIM</a>
<a href="#">TFAP2A</a>	<a href="#">11742</a>	NM_003220.2		1-7	Branchiooculofacial syndrome <a href="#">OMIM</a>
<a href="#">UNC45B</a>	<a href="#">14304</a>	NM_173167.3		1-19	?Cataract 43 <a href="#">OMIM</a>
<a href="#">VIM</a>	<a href="#">12692</a>	NM_003380.3		2-10	Cataract 30, pulverulent <a href="#">OMIM</a>
<a href="#">WFS1</a>	<a href="#">12762</a>	NM_006005.3		2-8	?Cataract 41 <a href="#">OMIM</a>
<a href="#">XYLT2</a>	<a href="#">15517</a>	NM_022167.3		1-11	Spondyloocular syndrome <a href="#">OMIM</a>