

# Ciliopati

Genpanel, versjon v05

Tabellen er sortert på gennavn (HGNC gensymbol)

Navn på gen er iht. HGNC

Sangersekvensering for påvisning av den sykdomsgivende varianten i CEP290 c.2991+1655A>G er utført

Kolonnen **>10x** viser andel av genet som vi forventer blir lest med tilfredstillende kvalitet flere enn 10 ganger under sekvensering

Gen (symbol)	Gen (HGNC ID)	Transkript	>10x Fenotype
<a href="#">ACVR2B</a>	<a href="#">174</a>	NM_001106.3	100% Heterotaxy, visceral, 4, autosomal <a href="#">OMIM</a>
<a href="#">AHI1</a>	<a href="#">21575</a>	NM_017651.4	100% Joubert syndrome-3 <a href="#">OMIM</a>
<a href="#">AIPL1</a>	<a href="#">359</a>	NM_014336.4	100% Retinitis pigmentosa, juvenile <a href="#">OMIM</a>
<a href="#">ALMS1</a>	<a href="#">428</a>	NM_015120.4	99% Alstrom syndrome <a href="#">OMIM</a>
<a href="#">ANKS6</a>	<a href="#">26724</a>	NM_173551.3	96% Nephronophthisis 16 <a href="#">OMIM</a>
<a href="#">ARL13B</a>	<a href="#">25419</a>	NM_182896.2	100% Joubert syndrome 8 <a href="#">OMIM</a>
<a href="#">ARL6</a>	<a href="#">13210</a>	NM_177976.2	100% {Bardet-Biedl syndrome 1, modifier of} <a href="#">OMIM</a> Bardet-Biedl syndrome 3 <a href="#">OMIM</a>
<a href="#">ARMC4</a>	<a href="#">25583</a>	NM_018076.3	94% Ciliary dyskinesia, primary, 23 <a href="#">OMIM</a>
<a href="#">ATXN10</a>	<a href="#">10549</a>	NM_013236.3	100% Spinocerebellar ataxia 10 <a href="#">OMIM</a>
<a href="#">B9D1</a>	<a href="#">24123</a>	NM_015681.3	100% Joubert syndrome 27 <a href="#">OMIM</a>
<a href="#">B9D2</a>	<a href="#">28636</a>	NM_030578.3	100% Meckel syndrome 10 <a href="#">OMIM</a>
<a href="#">BBIP1</a>	<a href="#">28093</a>	NM_001195306.1	100% Bardet-Biedl syndrome 18 <a href="#">OMIM</a>
<a href="#">BBS1</a>	<a href="#">966</a>	NM_024649.4	100% Bardet-Biedl syndrome 1 <a href="#">OMIM</a>
<a href="#">BBS10</a>	<a href="#">26291</a>	NM_024685.3	100% Bardet-Biedl syndrome 10 <a href="#">OMIM</a>

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<a href="#">BBS12</a>	<a href="#">26648</a>	NM_152618.2	100% Bardet-Biedl syndrome 12 <a href="#">OMIM</a>
<a href="#">BBS2</a>	<a href="#">967</a>	NM_031885.3	100% Retinitis pigmentosa 74 <a href="#">OMIM</a> Bardet-Biedl syndrome 2 <a href="#">OMIM</a>
<a href="#">BBS4</a>	<a href="#">969</a>	NM_033028.4	100% Bardet-Biedl syndrome 4 <a href="#">OMIM</a>
<a href="#">BBS5</a>	<a href="#">970</a>	NM_152384.2	99% Bardet-Biedl syndrome 5 <a href="#">OMIM</a>
<a href="#">BBS7</a>	<a href="#">18758</a>	NM_176824.2	99% Bardet-Biedl syndrome 7 <a href="#">OMIM</a>
<a href="#">BBS9</a>	<a href="#">30000</a>	NM_198428.2	99% Bardet-Biedl syndrome 9 <a href="#">OMIM</a>
<a href="#">C21orf59</a>	<a href="#">1301</a>	NM_021254.2	100% Ciliary dyskinesia, primary, 26 <a href="#">OMIM</a>
<a href="#">C2CD3</a>	<a href="#">24564</a>	NM_015531.5	100% Orofaciodigital syndrome XIV <a href="#">OMIM</a>
<a href="#">C2orf71</a>	<a href="#">34383</a>	NM_001029883.2	99% Retinitis pigmentosa 54 <a href="#">OMIM</a>
<a href="#">C5orf42</a>	<a href="#">25801</a>	NM_023073.3	99% Orofaciodigital syndrome VI <a href="#">OMIM</a> Joubert syndrome 17 <a href="#">OMIM</a>
<a href="#">CABP4</a>	<a href="#">1386</a>	NM_145200.3	100% Cone-rod synaptic disorder, congenital nonprogressive <a href="#">OMIM</a>
<a href="#">CC2D2A</a>	<a href="#">29253</a>	NM_001080522.2	100% Meckel syndrome 6 <a href="#">OMIM</a> Joubert syndrome 9 <a href="#">OMIM</a> COACH syndrome <a href="#">OMIM</a>
<a href="#">CCDC103</a>	<a href="#">32700</a>	NM_213607.2	100% Ciliary dyskinesia, primary, 17 <a href="#">OMIM</a>
<a href="#">CCDC11</a>	<a href="#">26530</a>	NM_145020.3	99% Heterotaxy, visceral, 6, autosomal recessive <a href="#">OMIM</a>
<a href="#">CCDC114</a>	<a href="#">26560</a>	NM_144577.3	100% Ciliary dyskinesia, primary, 20 <a href="#">OMIM</a>
<a href="#">CCDC151</a>	<a href="#">28303</a>	NM_145045.4	100% Ciliary dyskinesia, primary, 30 <a href="#">OMIM</a>
<a href="#">CCDC28B</a>	<a href="#">28163</a>	NM_024296.4	100% {Bardet-Biedl syndrome 1, modifier of} <a href="#">OMIM</a>
<a href="#">CCDC39</a>	<a href="#">25244</a>	NM_181426.1	99% Ciliary dyskinesia, primary, 14 <a href="#">OMIM</a>

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<a href="#">CCDC40</a>	<a href="#">26090</a>	NM_017950.3	99% Ciliary dyskinesia, primary, 15 <a href="#">OMIM</a>
<a href="#">CCDC41</a>	<a href="#">17966</a>	NM_016122.2	99% Nephronophthisis 18 <a href="#">OMIM</a>
<a href="#">CCDC65</a>	<a href="#">29937</a>	NM_033124.4	100% Ciliary dyskinesia, primary, 27 <a href="#">OMIM</a>
<a href="#">CCNO</a>	<a href="#">18576</a>	NM_021147.4	99% Ciliary dyskinesia, primary, 29 <a href="#">OMIM</a>
<a href="#">CDH23</a>	<a href="#">13733</a>	NM_022124.5	100% Usher syndrome, type 1D/F digenic <a href="#">OMIM</a> Usher syndrome, type 1D <a href="#">OMIM</a>
<a href="#">CEP104</a>	<a href="#">24866</a>	NM_014704.3	100% Joubert syndrome 25 <a href="#">OMIM</a>
<a href="#">CEP120</a>	<a href="#">26690</a>	NM_153223.3	100% Short-rib thoracic dysplasia 13 with or without polydactyly <a href="#">OMIM</a>
<a href="#">CEP164</a>	<a href="#">29182</a>	NM_014956.4	99% Nephronophthisis 15 <a href="#">OMIM</a>
<a href="#">CEP290</a>	<a href="#">29021</a>	NM_025114.3	98% Leber congenital amaurosis 10 <a href="#">OMIM</a> Joubert syndrome 5 <a href="#">OMIM</a> ?Bardet-Biedl syndrome 14 <a href="#">OMIM</a> Senior-Loken syndrome 6 <a href="#">OMIM</a> Meckel syndrome 4 <a href="#">OMIM</a>
<a href="#">CEP41</a>	<a href="#">12370</a>	NM_018718.2	99% Joubert syndrome 15 <a href="#">OMIM</a>
<a href="#">CLRN1</a>	<a href="#">12605</a>	NM_174878.2	100% Usher syndrome, type 3A <a href="#">OMIM</a> Retinitis pigmentosa 61 <a href="#">OMIM</a>
<a href="#">CRB1</a>	<a href="#">2343</a>	NM_201253.2	100% Retinitis pigmentosa-12, autosomal recessive <a href="#">OMIM</a> Pigmented paravenous chorioretinal atrophy <a href="#">OMIM</a> Leber congenital amaurosis 8 <a href="#">OMIM</a>
<a href="#">CRELD1</a>	<a href="#">14630</a>	NM_015513.4	100% Atrioventricular septal defect, partial, with heterotaxy syndrome <a href="#">OMIM</a>
<a href="#">CRX</a>	<a href="#">2383</a>	NM_000554.4	100% 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	100% Joubert syndrome 21 <a href="#">OMIM</a>
<a href="#">DCDC2</a>	<a href="#">18141</a>	NM_016356.4	100% Nephronophthisis 19 <a href="#">OMIM</a> ?Deafness, autosomal recessive 66 <a href="#">OMIM</a>
<a href="#">DDX59</a>	<a href="#">25360</a>	NM_001031725.4	100% Orofaciodigital syndrome V <a href="#">OMIM</a>

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<a href="#">DNAAF1</a>	<a href="#">30539</a>	NM_178452.4	100%	Ciliary dyskinesia, primary, 13 <a href="#">OMIM</a>
<a href="#">DNAAF2</a>	<a href="#">20188</a>	NM_018139.2	100%	Ciliary dyskinesia, primary, 10 <a href="#">OMIM</a>
<a href="#">DNAAF3</a>	<a href="#">30492</a>	NM_001256714.1	99%	Ciliary dyskinesia, primary, 2 <a href="#">OMIM</a>
<a href="#">DNAH11</a>	<a href="#">2942</a>	NM_001277115.1	99%	Ciliary dyskinesia, primary, 7, with or without situs inversus <a href="#">OMIM</a>
<a href="#">DNAH5</a>	<a href="#">2950</a>	NM_001369.2	99%	Ciliary dyskinesia, primary, 3, with or without situs inversus <a href="#">OMIM</a>
<a href="#">DNAI1</a>	<a href="#">2954</a>	NM_012144.3	100%	Ciliary dyskinesia, primary, 1, with or without situs inversus <a href="#">OMIM</a>
<a href="#">DNAI2</a>	<a href="#">18744</a>	NM_023036.4	99%	Ciliary dyskinesia, primary, 9, with or without situs inversus <a href="#">OMIM</a>
<a href="#">DNAJB13</a>	<a href="#">30718</a>	NM_153614.3	100%	Ciliary dyskinesia, primary, 34 <a href="#">OMIM</a>
<a href="#">DNAL1</a>	<a href="#">23247</a>	NM_031427.3	100%	Ciliary dyskinesia, primary, 16 <a href="#">OMIM</a>
<a href="#">DPH1</a>	<a href="#">3003</a>	NM_001383.3	100%	Developmental delay with short stature, dysmorphic features, and sparse hair <a href="#">OMIM</a>
<a href="#">DRC1</a>	<a href="#">24245</a>	NM_145038.3	100%	Ciliary dyskinesia, primary, 21 <a href="#">OMIM</a>
<a href="#">DYNC2H1</a>	<a href="#">2962</a>	NM_001080463.1	99%	Short-rib thoracic dysplasia 3 with or without polydactyly <a href="#">OMIM</a>
<a href="#">DYNC2LI1</a>	<a href="#">24595</a>	NM_001193464.1	100%	Short-rib throacic dysplasia 15 with polydactyly <a href="#">OMIM</a>
<a href="#">DYX1C1</a>	<a href="#">21493</a>	NM_130810.3	100%	Ciliary dyskinesia, primary, 25 <a href="#">OMIM</a>
<a href="#">EVC</a>	<a href="#">3497</a>	NM_153717.2	96%	Ellis-van Creveld syndrome <a href="#">OMIM</a> Weyers acrodental dysostosis <a href="#">OMIM</a>
<a href="#">EVC2</a>	<a href="#">19747</a>	NM_147127.4	98%	Weyers acrofacial dysostosis <a href="#">OMIM</a> Ellis-van Creveld syndrome <a href="#">OMIM</a>
<a href="#">GAS8</a>	<a href="#">4166</a>	NM_001286209.1	99%	Ciliary dyskinesia, primary, 33 <a href="#">OMIM</a>
<a href="#">GDF6</a>	<a href="#">4221</a>	NM_001001557.2	100%	Leber congenital amaurosis 17 <a href="#">OMIM</a> Klippel-Feil syndrome 1, autosomal dominant <a href="#">OMIM</a>

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<a href="#">GLI3</a>	<a href="#">4319</a>	NM_000168.5	100% Greig cephalopolysyndactyly syndrome <a href="#">OMIM</a> Polydactyly, preaxial, type IV <a href="#">OMIM</a> Polydactyly, postaxial, types A1 and B <a href="#">OMIM</a> Pallister-Hall syndrome <a href="#">OMIM</a>
<a href="#">GLIS2</a>	<a href="#">29450</a>	NM_032575.2	100% Nephronophthisis 7 <a href="#">OMIM</a>
<a href="#">GPR98</a>	<a href="#">17416</a>	NM_032119.3	99% Usher syndrome, type 2C <a href="#">OMIM</a> Usher syndrome, type 2C, GPR98/PDZD7 digenic <a href="#">OMIM</a>
<a href="#">GUCY2D</a>	<a href="#">4689</a>	NM_000180.3	100% Leber congenital amaurosis 1 <a href="#">OMIM</a> Cone-rod dystrophy 6 <a href="#">OMIM</a>
<a href="#">HEATR2</a>	<a href="#">26013</a>	NM_017802.3	95% Ciliary dyskinesia, primary, 18 <a href="#">OMIM</a>
<a href="#">HNF1B</a>	<a href="#">11630</a>	NM_000458.3	99% Renal cysts and diabetes syndrome <a href="#">OMIM</a>
<a href="#">HYLS1</a>	<a href="#">26558</a>	NM_145014.2	100% Hydrolethalus syndrome <a href="#">OMIM</a>
<a href="#">IFT122</a>	<a href="#">13556</a>	NM_052985.3	100% Cranioectodermal dysplasia 1 <a href="#">OMIM</a>
<a href="#">IFT140</a>	<a href="#">29077</a>	NM_014714.3	99% Short-rib thoracic dysplasia 9 with or without polydactyly <a href="#">OMIM</a>
<a href="#">IFT172</a>	<a href="#">30391</a>	NM_015662.2	99% Short-rib thoracic dysplasia 10 with or without polydactyly <a href="#">OMIM</a> Retinitis pigmentosa 71 <a href="#">OMIM</a>
<a href="#">IFT27</a>	<a href="#">18626</a>	NM_006860.4	100% ?Bardet-Biedl syndrome 19 <a href="#">OMIM</a>
<a href="#">IFT43</a>	<a href="#">29669</a>	NM_052873.2	100% Cranioectodermal dysplasia 3 <a href="#">OMIM</a>
<a href="#">IFT52</a>	<a href="#">15901</a>	NM_016004.3	100% Short-rib thoracic dysplasia 16 with or without polydactyly <a href="#">OMIM</a>
<a href="#">IFT74</a>	<a href="#">21424</a>	NM_001099223.1	99% ?Bardet-Biedl syndrome 20 <a href="#">OMIM</a>
<a href="#">IFT80</a>	<a href="#">29262</a>	NM_020800.2	99% Short-rib thoracic dysplasia 2 with or without polydactyly <a href="#">OMIM</a>
<a href="#">IMPDH1</a>	<a href="#">6052</a>	NM_000883.3	97% Retinitis pigmentosa 10 <a href="#">OMIM</a> Leber congenital amaurosis 11 <a href="#">OMIM</a>
<a href="#">INPP5E</a>	<a href="#">21474</a>	NM_019892.4	99% Mental retardation, truncal obesity, retinal dystrophy, and micropenis <a href="#">OMIM</a> Joubert syndrome 1 <a href="#">OMIM</a>

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<a href="#">INVS</a>	<a href="#">17870</a>	NM_014425.3	100% Nephronophthisis 2, infantile <a href="#">OMIM</a>
<a href="#">IQCB1</a>	<a href="#">28949</a>	NM_001023570.2	97% Senior-Loken syndrome 5 <a href="#">OMIM</a>
<a href="#">KCNJ13</a>	<a href="#">6259</a>	NM_002242.4	100% Leber congenital amaurosis 16 <a href="#">OMIM</a>
<a href="#">KIAA0556</a>	<a href="#">29068</a>	NM_015202.2	99% Joubert syndrome 26 <a href="#">OMIM</a>
<a href="#">KIAA0586</a>	<a href="#">19960</a>	NM_001244192.1	99% Short-rib thoracic dysplasia 14 with polydactyly <a href="#">OMIM</a> Joubert syndrome 23 <a href="#">OMIM</a>
<a href="#">KIF7</a>	<a href="#">30497</a>	NM_198525.2	97% Joubert syndrome 12 <a href="#">OMIM</a> Acrocallosal syndrome <a href="#">OMIM</a>
<a href="#">LBR</a>	<a href="#">6518</a>	NM_002296.3	99% Pelger-Huet anomaly <a href="#">OMIM</a>
<a href="#">LCA5</a>	<a href="#">31923</a>	NM_181714.3	100% Leber congenital amaurosis 5 <a href="#">OMIM</a>
<a href="#">LRAT</a>	<a href="#">6685</a>	NM_004744.4	100% Retinitis pigmentosa, juvenile <a href="#">OMIM</a> Retinal dystrophy, early-onset severe <a href="#">OMIM</a> Leber congenital amaurosis 14 <a href="#">OMIM</a>
<a href="#">LRRC6</a>	<a href="#">16725</a>	NM_012472.4	99% Ciliary dyskinesia, primary, 19 <a href="#">OMIM</a>
<a href="#">LZTFL1</a>	<a href="#">6741</a>	NM_020347.3	100% Bardet-Biedl syndrome 17 <a href="#">OMIM</a>
<a href="#">MAPKBP1</a>	<a href="#">29536</a>	NM_014994.2	100% Nephronophthisis 20 <a href="#">OMIM</a>
<a href="#">MCIDAS</a>	<a href="#">40050</a>	NM_001190787.1	99% Mucociliary clearance disorder
<a href="#">MKKS</a>	<a href="#">7108</a>	NM_018848.3	100% McKusick-Kaufman syndrome <a href="#">OMIM</a> Bardet-Biedl syndrome 6 <a href="#">OMIM</a>
<a href="#">MKS1</a>	<a href="#">7121</a>	NM_017777.3	100% Bardet-Biedl syndrome 13 <a href="#">OMIM</a> Meckel syndrome 1 <a href="#">OMIM</a> Joubert syndrome 28 <a href="#">OMIM</a>
<a href="#">MUC1</a>	<a href="#">7508</a>	NM_002456.5	100% Medullary cystic kidney disease 1 <a href="#">OMIM</a>
<a href="#">MYO7A</a>	<a href="#">7606</a>	NM_000260.3	99% Usher syndrome, type 1B <a href="#">OMIM</a>
<a href="#">NEK1</a>	<a href="#">7744</a>	NM_012224.2	100% Short-rib thoracic dysplasia 6 with or without polydactyly <a href="#">OMIM</a>

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<a href="#">NEK8</a>	<a href="#">13387</a>	NM_178170.2	100% ?Renal-hepatic-pancreatic dysplasia 2 <a href="#">OMIM</a> ?Nephronophthisis 9 <a href="#">OMIM</a>
<a href="#">NME8</a>	<a href="#">16473</a>	NM_016616.4	99% Ciliary dyskinesia, primary, 6 <a href="#">OMIM</a>
<a href="#">NMNAT1</a>	<a href="#">17877</a>	NM_022787.3	100% Leber congenital amaurosis 9 <a href="#">OMIM</a>
<a href="#">NODAL</a>	<a href="#">7865</a>	NM_018055.4	100% Heterotaxy, visceral, 5 <a href="#">OMIM</a>
<a href="#">NPHP1</a>	<a href="#">7905</a>	NM_000272.3	100% Nephronophthisis 1, juvenile <a href="#">OMIM</a> Joubert syndrome 4 <a href="#">OMIM</a> Senior-Loken syndrome-1 <a href="#">OMIM</a>
<a href="#">NPHP3</a>	<a href="#">7907</a>	NM_153240.4	99% Renal-hepatic-pancreatic dysplasia 1 <a href="#">OMIM</a> Nephronophthisis 3 <a href="#">OMIM</a> Meckel syndrome 7 <a href="#">OMIM</a>
<a href="#">NPHP4</a>	<a href="#">19104</a>	NM_015102.4	99% Senior-Loken syndrome 4 <a href="#">OMIM</a> Nephronophthisis 4 <a href="#">OMIM</a>
<a href="#">OFD1</a>	<a href="#">2567</a>	NM_003611.2	94% Orofaciodigital syndrome I <a href="#">OMIM</a> Joubert syndrome 10 <a href="#">OMIM</a> ?Retinitis pigmentosa 23 <a href="#">OMIM</a> Simpson-Golabi-Behmel syndrome, type 2 <a href="#">OMIM</a>
<a href="#">PCDH15</a>	<a href="#">14674</a>	NM_033056.3	100% Usher syndrome, type 1F <a href="#">OMIM</a> Usher syndrome, type 1D/F digenic <a href="#">OMIM</a>
<a href="#">PDE6D</a>	<a href="#">8788</a>	NM_002601.3	100% ?Joubert syndrome 22 <a href="#">OMIM</a>
<a href="#">PKHD1</a>	<a href="#">9016</a>	NM_138694.3	100% Polycystic kidney and hepatic disease <a href="#">OMIM</a>
<a href="#">PRPH2</a>	<a href="#">9942</a>	NM_000322.4	100% Leber congenital amaurosis 18 <a href="#">OMIM</a> Retinitis pigmentosa 7 and digenic <a href="#">OMIM</a>
<a href="#">RD3</a>	<a href="#">19689</a>	NM_183059.2	100% Leber congenital amaurosis 12 <a href="#">OMIM</a>
<a href="#">RDH12</a>	<a href="#">19977</a>	NM_152443.2	100% Leber congenital amaurosis 13 <a href="#">OMIM</a>
<a href="#">REN</a>	<a href="#">9958</a>	NM_000537.3	100% Renal tubular dysgenesis <a href="#">OMIM</a>
<a href="#">RPE65</a>	<a href="#">10294</a>	NM_000329.2	100% Retinitis pigmentosa 20 <a href="#">OMIM</a> Leber congenital amaurosis 2 <a href="#">OMIM</a>
<a href="#">RPGR</a>	<a href="#">10295</a>	NM_000328.2	99% Retinitis pigmentosa, X-linked, and sinorespiratory infections, with or without deafness <a href="#">OMIM</a> Retinitis pigmentosa 3 <a href="#">OMIM</a>

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<a href="#">RPGRIPI</a>	<a href="#">13436</a>	NM_020366.3	100%	Leber congenital amaurosis 6 <a href="#">OMIM</a>
<a href="#">RPGRIPI1L</a>	<a href="#">29168</a>	NM_015272.2	96%	Meckel syndrome 5 <a href="#">OMIM</a> Joubert syndrome 7 <a href="#">OMIM</a> COACH syndrome <a href="#">OMIM</a>
<a href="#">RSPH1</a>	<a href="#">12371</a>	NM_080860.3	100%	Ciliary dyskinesia, primary, 24 <a href="#">OMIM</a>
<a href="#">RSPH3</a>	<a href="#">21054</a>	NM_031924.4	100%	Ciliary dyskinesia, primary, 32 <a href="#">OMIM</a>
<a href="#">RSPH4A</a>	<a href="#">21558</a>	NM_001010892.2	99%	Ciliary dyskinesia, primary, 11 <a href="#">OMIM</a>
<a href="#">RSPH9</a>	<a href="#">21057</a>	NM_152732.4	100%	Ciliary dyskinesia, primary, 12 <a href="#">OMIM</a>
<a href="#">SBDS</a>	<a href="#">19440</a>	NM_016038.2	100%	Shwachman-Diamond syndrome <a href="#">OMIM</a>
<a href="#">SCNN1A</a>	<a href="#">10599</a>	NM_001038.5	100%	Bronchiectasis with or without elevated sweat chloride 2 <a href="#">OMIM</a>
<a href="#">SCNN1B</a>	<a href="#">10600</a>	NM_000336.2	100%	Bronchiectasis with or without elevated sweat chloride 1 <a href="#">OMIM</a>
<a href="#">SCNN1G</a>	<a href="#">10602</a>	NM_001039.3	100%	Bronchiectasis with or without elevated sweat chloride 3 <a href="#">OMIM</a>
<a href="#">SDCCAG8</a>	<a href="#">10671</a>	NM_006642.3	100%	Senior-Loken syndrome 7 <a href="#">OMIM</a> Bardet-Biedl syndrome 16 <a href="#">OMIM</a>
<a href="#">SPAG1</a>	<a href="#">11212</a>	NM_172218.2	99%	Ciliary dyskinesia, primary, 28 <a href="#">OMIM</a>
<a href="#">SPATA7</a>	<a href="#">20423</a>	NM_018418.4	99%	Retinitis pigmentosa, juvenile, autosomal recessive <a href="#">OMIM</a> Leber congenital amaurosis 3 <a href="#">OMIM</a>
<a href="#">TCTN1</a>	<a href="#">26113</a>	NM_001082538.2	99%	Joubert syndrome 13 <a href="#">OMIM</a>
<a href="#">TCTN2</a>	<a href="#">25774</a>	NM_024809.4	100%	Joubert syndrome 24 <a href="#">OMIM</a> ?Meckel syndrome 8 <a href="#">OMIM</a>
<a href="#">TCTN3</a>	<a href="#">24519</a>	NM_015631.5	100%	Orofaciodigital syndrome IV <a href="#">OMIM</a> Joubert syndrome 18 <a href="#">OMIM</a>
<a href="#">TMEM138</a>	<a href="#">26944</a>	NM_016464.4	100%	Joubert syndrome 16 <a href="#">OMIM</a>
<a href="#">TMEM216</a>	<a href="#">25018</a>	NM_001173990.2	100%	Meckel syndrome 2 <a href="#">OMIM</a> Joubert syndrome 2 <a href="#">OMIM</a>



Gen (symbol)	Gen (HGNC ID)	Transkript	>10x	Fenotype
<a href="#">TMEM231</a>	<a href="#">37234</a>	NM_001077416.2	99%	Meckel syndrome 11 <a href="#">OMIM</a> Joubert syndrome 20 <a href="#">OMIM</a>
<a href="#">TMEM237</a>	<a href="#">14432</a>	NM_001044385.2	100%	Joubert syndrome 14 <a href="#">OMIM</a>
<a href="#">TMEM67</a>	<a href="#">28396</a>	NM_153704.5	99%	Joubert syndrome 6 <a href="#">OMIM</a> COACH syndrome <a href="#">OMIM</a> {Bardet-Biedl syndrome 14, modifier of} <a href="#">OMIM</a> Nephronophthisis 11 <a href="#">OMIM</a> Meckel syndrome 3 <a href="#">OMIM</a>
<a href="#">TOPORS</a>	<a href="#">21653</a>	NM_005802.4	100%	Retinitis pigmentosa 31 <a href="#">OMIM</a>
<a href="#">TRIM32</a>	<a href="#">16380</a>	NM_012210.3	100%	?Bardet-Biedl syndrome 11 <a href="#">OMIM</a>
<a href="#">TTC21B</a>	<a href="#">25660</a>	NM_024753.4	100%	Short-rib thoracic dysplasia 4 with or without polydactyly <a href="#">OMIM</a> Nephronophthisis 12 <a href="#">OMIM</a>
<a href="#">TTC8</a>	<a href="#">20087</a>	NM_198309.3	100%	Bardet-Biedl syndrome 8 <a href="#">OMIM</a> ?Retinitis pigmentosa 51 <a href="#">OMIM</a>
<a href="#">TULP1</a>	<a href="#">12423</a>	NM_003322.4	99%	Leber congenital amaurosis 15 <a href="#">OMIM</a> Retinitis pigmentosa 14 <a href="#">OMIM</a>
<a href="#">UMOD</a>	<a href="#">12559</a>	NM_003361.3	100%	Glomerulocystic kidney disease with hyperuricemia and isosthenuria <a href="#">OMIM</a> Medullary cystic kidney disease 2 <a href="#">OMIM</a>
<a href="#">USH1C</a>	<a href="#">12597</a>	NM_005709.3	100%	Usher syndrome, type 1C <a href="#">OMIM</a>
<a href="#">USH1G</a>	<a href="#">16356</a>	NM_173477.4	99%	Usher syndrome, type 1G <a href="#">OMIM</a>
<a href="#">USH2A</a>	<a href="#">12601</a>	NM_206933.2	100%	Retinitis pigmentosa 39 <a href="#">OMIM</a> Usher syndrome, type 2A <a href="#">OMIM</a>
<a href="#">WDPCP</a>	<a href="#">28027</a>	NM_015910.5	100%	?Congenital heart defects, hamartomas of tongue, and polysyndactyly <a href="#">OMIM</a>
<a href="#">WDR19</a>	<a href="#">18340</a>	NM_025132.3	100%	Nephronophthisis 13 <a href="#">OMIM</a> ?Short-rib thoracic dysplasia 5 with or without polydactyly <a href="#">OMIM</a> ?Cranioectodermal dysplasia 4 <a href="#">OMIM</a> Senior-Loken syndrome 8 <a href="#">OMIM</a>
<a href="#">WDR34</a>	<a href="#">28296</a>	NM_052844.3	100%	Short-rib thoracic dysplasia 11 with or without polydactyly <a href="#">OMIM</a>
<a href="#">WDR35</a>	<a href="#">29250</a>	NM_001006657.1	99%	Cranioectodermal dysplasia 2 <a href="#">OMIM</a> Short-rib thoracic dysplasia 7 with or without polydactyly <a href="#">OMIM</a>

Gen (symbol)	Gen (HGNC ID)	Transkript	>10x Fenotype
<a href="#">WDR60</a>	<a href="#">21862</a>	NM_018051.4	100% Short-rib thoracic dysplasia 8 with or without polydactyly <a href="#">OMIM</a>
<a href="#">XPNPEP3</a>	<a href="#">28052</a>	NM_022098.3	100% Nephronophthisis-like nephropathy 1 <a href="#">OMIM</a>
<a href="#">ZIC3</a>	<a href="#">12874</a>	NM_003413.3	100% VACTERL association, X-linked <a href="#">OMIM</a> Heterotaxy, visceral, 1, X-linked <a href="#">OMIM</a> Congenital heart defects, nonsyndromic, 1, X-linked <a href="#">OMIM</a>
<a href="#">ZMYND10</a>	<a href="#">19412</a>	NM_015896.2	100% Ciliary dyskinesia, primary, 22 <a href="#">OMIM</a>
<a href="#">ZNF423</a>	<a href="#">16762</a>	NM_015069.3	100% Nephronophthisis 14 <a href="#">OMIM</a> Joubert syndrome 19 <a href="#">OMIM</a>