

**S3 Table. List of 33 genes in customized PCD panel.**

<b>Gene symbol</b>	<b>RefSeq database accession number - transcript</b>
<i>ARMC4</i>	(NM_018076.4)
<i>CFAP298</i>	(NM_021254.2)
<i>CCDC103</i>	(NM_213607.2)
<i>CCDC11</i>	(NM_145020.4)
<i>CCDC114</i>	(NM_144577.3)
<i>CCDC151</i>	(NM_145045.4)
<i>CCDC164</i>	(NM_145038.4)
<i>CCDC39</i>	(NM_181426.1)
<i>CCDC40</i>	(NM_017950.3)
<i>CCDC65</i>	(NM_033124.4)
<i>CCNO</i>	(NM_021147.4)
<i>DNAAF1</i>	(NM_178452.5)
<i>DNAAF2</i>	(NM_018139.2)
<i>DNAAF3</i>	(NM_001256714.1)
<i>DNAAF4</i>	(NM_130810.3)
<i>DNAH11</i>	(NM_001277115.1)
<i>DNAH5</i>	(NM_001369.2)
<i>DNAH9</i>	(NM_001372.3)
<i>DNAI1</i>	(NM_012144.3)
<i>DNAI2</i>	(NM_023036.4)
<i>DNAL1</i>	(NM_031427.3)
<i>GAS8</i>	(NM_001286209.1)
<i>DNAAF5</i>	(NM_017802.3)
<i>HYDIN</i>	(NM_001270974.1)
<i>LRRC6</i>	(NM_012472.5)
<i>MCIDAS</i>	(NM_001190787.1)
<i>NME8</i>	(NM_016616.4)
<i>RPGR</i>	(NM_000328.2)
<i>RSPH1</i>	(NM_080860.3)
<i>RSPH3</i>	(NM_031924.4)
<i>RSPH4A</i>	(NM_001010892.2)
<i>RSPH9</i>	(NM_152732.4)
<i>SPAG1</i>	(NM_172218.2)