Primer name with sequence in different diseases

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| **Disease Name** | **Primer Name** | **Primer Sequence** | **PCR Product** |
| Congenital Ptosis | ATPL\_ZF2  ATPL\_ZF3 | 5’TGTAGTGCAGCAACAGTTTGG 3’  5’ CATGGCAAGCAAAACAAAAAT 3’ | 445 |
| Congenital Cataract | ATPL\_GJ1  ATPL\_GJ2 | 5’ CTGCTGAGGACCTACATCTGC 3’  5’ CAAGGGGAAATAGTGGGAAAC 3’ | 405 |
| Crouzen Syndrome | ATPL\_FG1  ATPL\_FG2 | 5’ CAGCCAATAACCTGGGATGTA 3’  5’ TCCTCACCTTGAGAACCTTGA 3 | 458 |
| Crouzen Syndrome | ATPL\_FG3  ATPL\_FG4 | 5’ GATCAAGCACGTGGAAAAGAA 3’  5’ AGCTCTTTCCATCCACTCCAT 3’ | 448 |
| Micropthalmus | ATPL\_ST1  ATPL\_ST2 | 5’ AGGTGGGCTCCATGACAG 3’  5’ CATTGGCTTACACTGCATCTG 3’ | 380 |
| Micropthalmus | ATPL\_ST3  ATPL\_ST4 | 5’ TATTAGCCCCATTTTGCAATG 3’  5’ GAGGGTAGTAGAGGGCAGCAT 3’ | 405 |
| Micropthalmus | ATPL\_CR1  ATPL\_CR2 | 5 ‘GCTCCTGGAGGAATCTGAGTT 3’  5 ‘AAAAGTCCTAGCACCCGTCTC 3’ | 317 |
| Micropthalmus | ATPL\_OT1  ATPL\_OT2 | 5’ AGCCTCCCCAACTTTCTTACA 3’  5’ GAAGCTGGGCTCCAGATAGAC 3’ | 404 |
| Micropthalmus | ATPL\_OT3  ATPL\_OT4 | 5’ TGAGACCTGCCAAAAAGAAGA 3’  5’ AAGCTGGGGACTGATTGAGAT 3’ | 387 |
| Colobama | ATPL\_AB1  ATPL\_AB2 | 5’ CCTGAGTCCCTGCTTCTTCTT 3’  5’ AACTTGATCCAGATGCCCATT 3’ | 366 |