Primer name with sequence in different diseases

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|  **Disease Name** |  **Primer Name** |  **Primer Sequence**  |  **PCR Product**  |
| Congenital Ptosis  | ATPL\_ZF2ATPL\_ZF3 | 5’TGTAGTGCAGCAACAGTTTGG 3’5’ CATGGCAAGCAAAACAAAAAT 3’ | 445 |
| Congenital Cataract | ATPL\_GJ1ATPL\_GJ2 | 5’ CTGCTGAGGACCTACATCTGC 3’5’ CAAGGGGAAATAGTGGGAAAC 3’ | 405 |
|  Crouzen Syndrome  | ATPL\_FG1ATPL\_FG2 | 5’ CAGCCAATAACCTGGGATGTA 3’5’ TCCTCACCTTGAGAACCTTGA 3 | 458 |
| Crouzen Syndrome | ATPL\_FG3ATPL\_FG4 |  5’ GATCAAGCACGTGGAAAAGAA 3’5’ AGCTCTTTCCATCCACTCCAT 3’ | 448 |
|  Micropthalmus | ATPL\_ST1ATPL\_ST2 | 5’ AGGTGGGCTCCATGACAG 3’5’ CATTGGCTTACACTGCATCTG 3’ | 380 |
| Micropthalmus | ATPL\_ST3ATPL\_ST4 | 5’ TATTAGCCCCATTTTGCAATG 3’5’ GAGGGTAGTAGAGGGCAGCAT 3’ | 405 |
| Micropthalmus | ATPL\_CR1ATPL\_CR2 | 5 ‘GCTCCTGGAGGAATCTGAGTT 3’5 ‘AAAAGTCCTAGCACCCGTCTC 3’ | 317 |
| Micropthalmus | ATPL\_OT1ATPL\_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 |