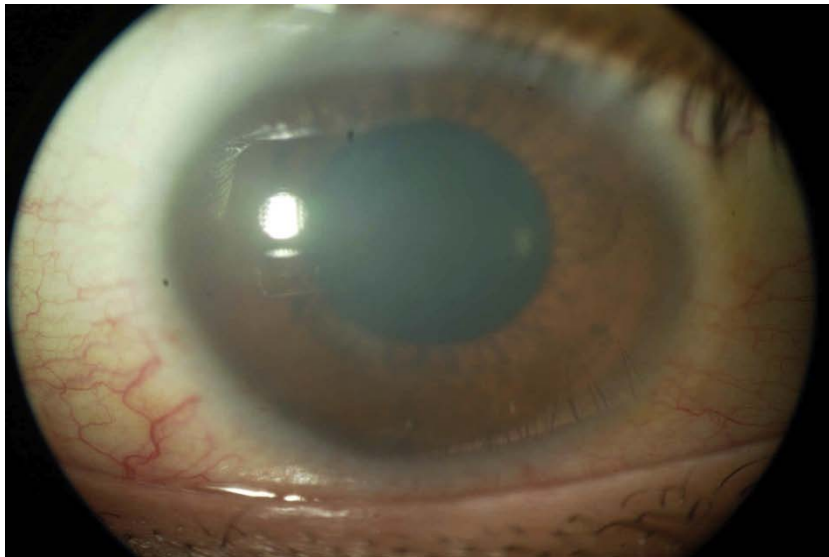


Supplementary Figure 1

Family A

II.1



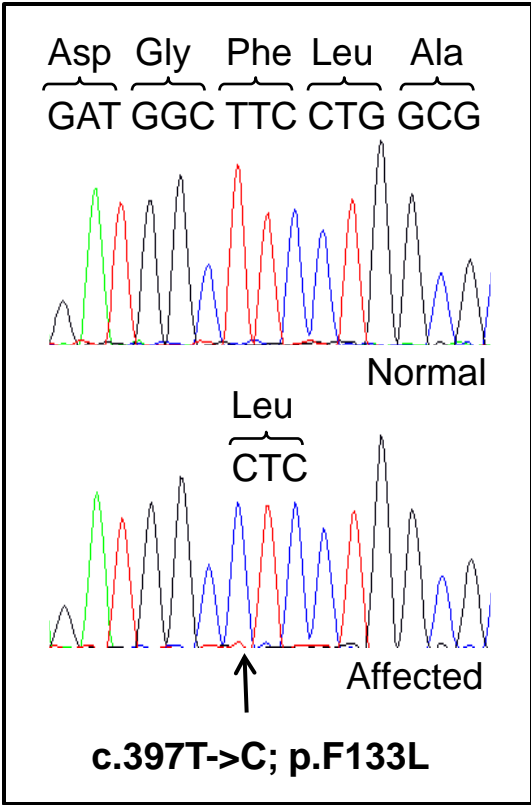
Family C

II.1



Supplementary Figure 2

(A)



(B)

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| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Human |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Chimp |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Gorilla |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Orangutan |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Rhesus |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Baboon |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Hammer |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Tarsier |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Mouse_mus |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Bushbaby |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | House |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Rat |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Kangaroo_rat |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Guinea_pig |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Squirrel |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Rabbit |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Pika |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Dolphin |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Cow |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Horse |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Cat |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Dog |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Megabat |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Hedgehog |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Elephant |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Tenrec |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Halliboy |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Opossum |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Platypus |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Chicken |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Zebra_finch |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | X_tropicalis |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Fugu |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Stickleback |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Medaka |
| H | R | D | L | D | G | F | L | A | Q | A | S | I | Zebrafish |