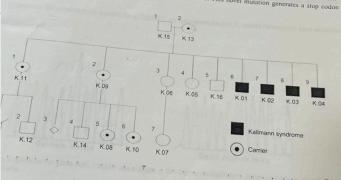
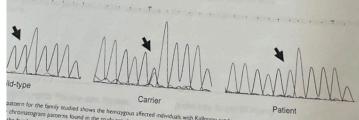


renal agenesis, eryptorchidism, synkinesis and dental agenesis. Nystagmus, ptosis, auricular dysgenesis and eleft ip/palate were not found in any patient.

The molecular analysis detected the transversion G to A at position 612 on exon 5 of the KALI gene.

This mutation was hemizygous in the four affected brothers. Five females heterozygous for this mutation were identified in the family, including the patients' mother (Figure 1). The same mutation was not found in the remaining seven family members. This novel mutation generates a stop codon





pattern for the family studied shows the hemizygous affected individuals with Kallmann syndrome, and heterozygous carriers who were detected