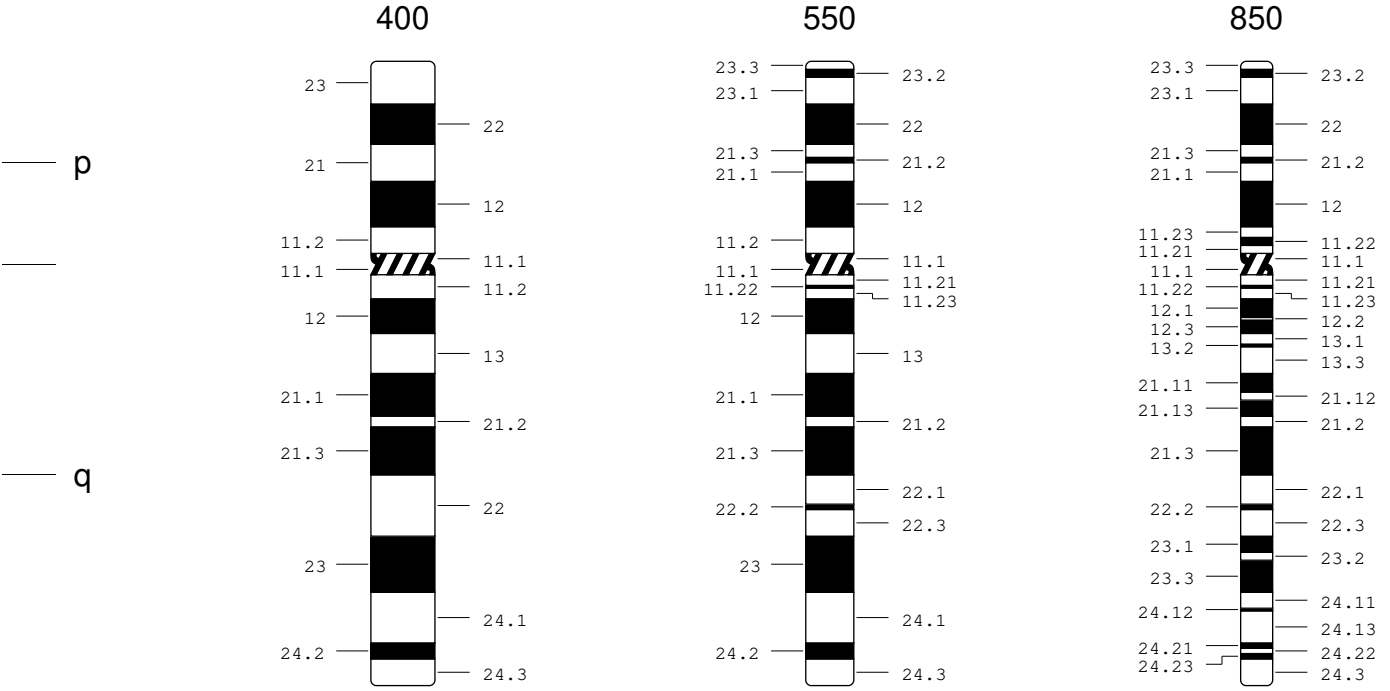CHROMOSOME 8