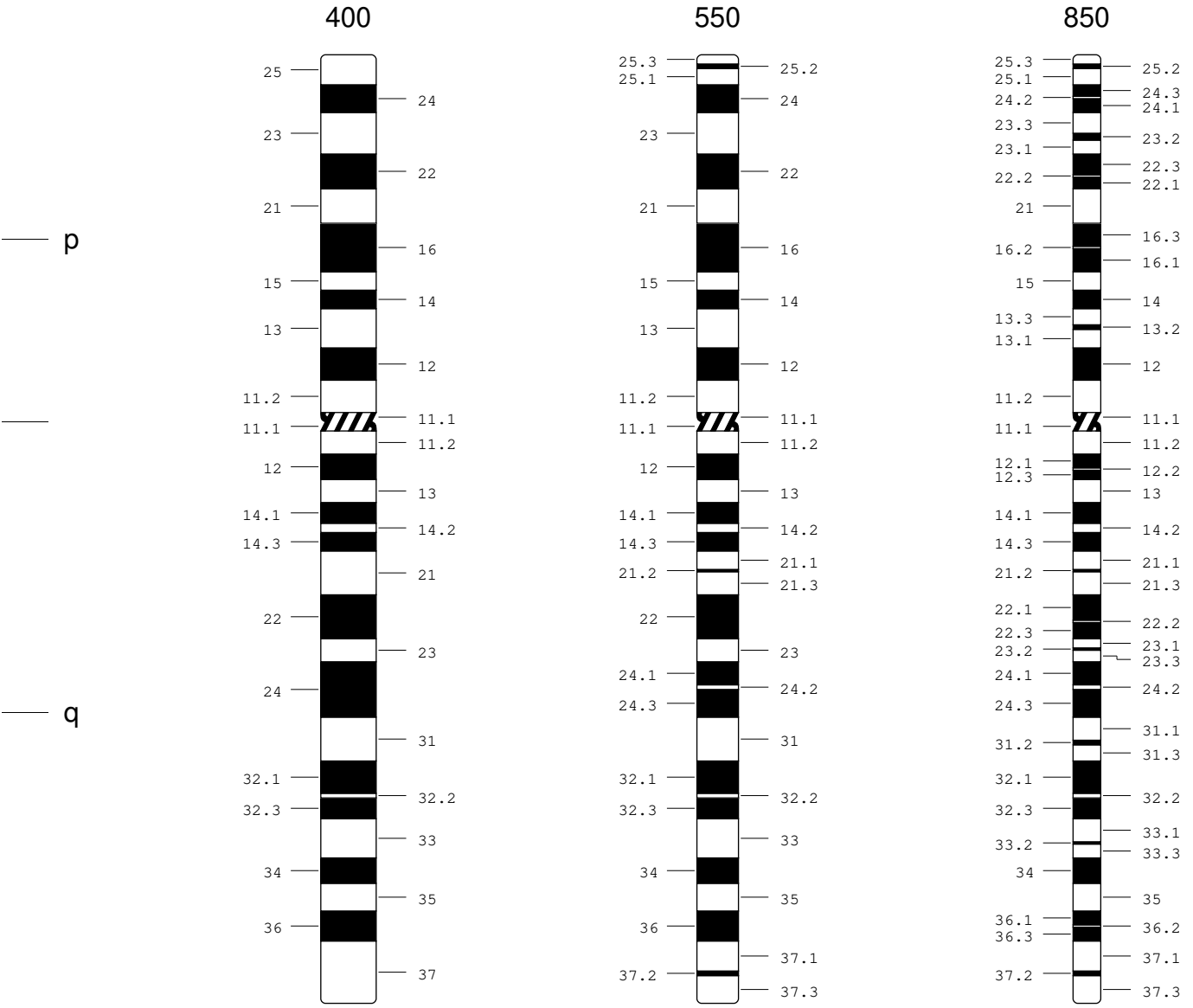CHROMOSOME 2