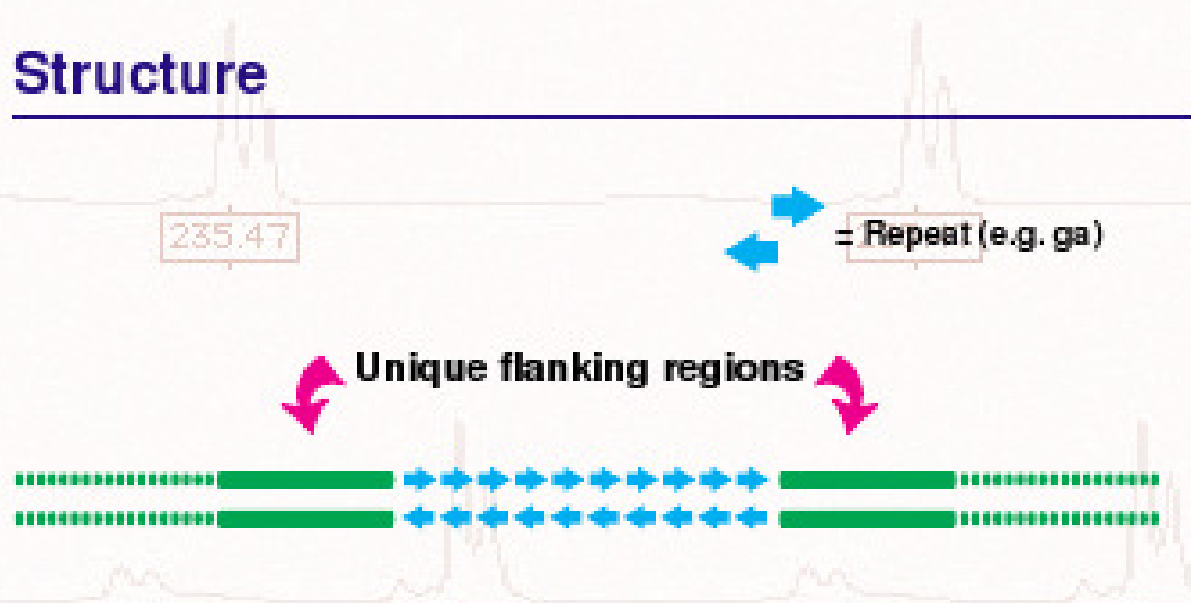


Structure



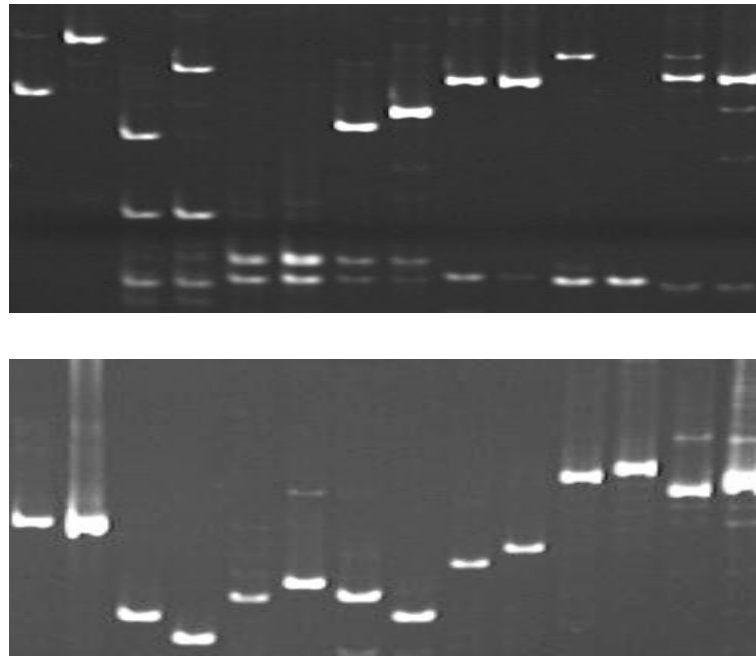
▶ The number of repeats is highly variable among individuals



233.36

233.36

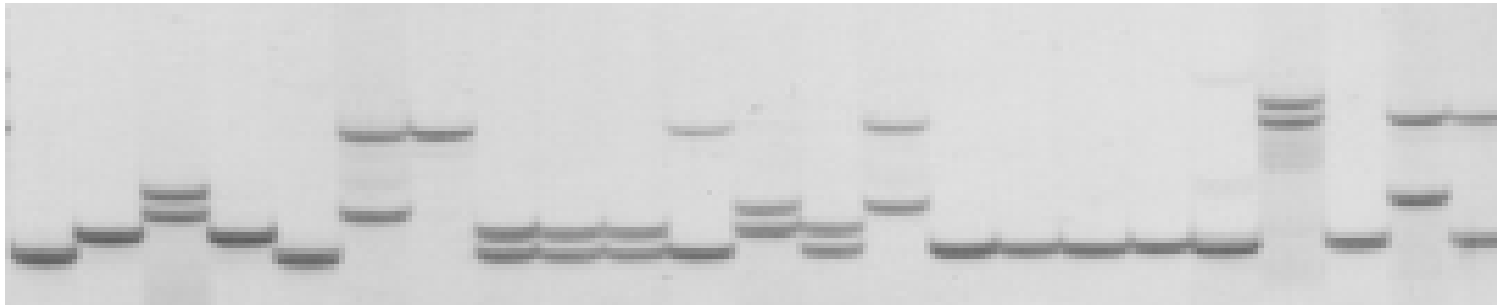
Staining with ethidium bromide after agarose gel electrophoresis



Each of the 14 pairs of tracks above shows the amplification product from a different SSR primer pair. The two tracks within each pair used DNA template from two contrasting cowpea varieties.

Image courtesy of Dr M. Timko, University of Virginia

Staining with silver nitrate after polyacrylamide gel electrophoresis



Each of the 23 tracks above shows the amplification product from a single SSR primer pair. The DNA template was obtained from a set of germplasm of a diploid species.

Denaturing vertical PAGE produces greater resolution of DNA fragments than AGE or non-denaturing hPAGE.

Image courtesy of Dr T Fulton, The Institute for Genomic Diversity, Cornell University