

Variable Number of Tandem Repeats (**VNTR**)

AGTTCGCGTGA | AGTTCGCGTGA | AGTTCGCGTGA | AGTTCGCGTGA | AGTTCGCGTGA

Repeat sequence length:
10-100 base pairs/repeat

Short Tandem Repeats (**STR**)

ATGCC | ATGCC | ATGCC | ATGCC | ATGCC

Repeat sequence length:
2-9 base pairs/repeat



Minisatellite repeat (VNTR) – Jeffreys

`GAGGCGGGAGGCGG`
`CTCCGCCCTCCGCC` 2 repeats

`GAGGCGGGAGGCGGGAGGCGG`
`CTCCGCCCTCCGCCCTCCGCC` 3 repeats

`GAGGCGGGAGGCGGGAGGCGG GAGGCGG`
`CTCCGCCCTCCGCCCTCCGCC CTCCGCC` 4 repeats

`GAGGCGGGAGGCGGGAGGCGGGAGGCGG GAGGCGG GAGGCGG`
`CTCCGCCCTCCGCCCTCCGCCCTCCGCC CTCCGCCCTCCGCC` 6 repeats



(VNTR) 1 locus

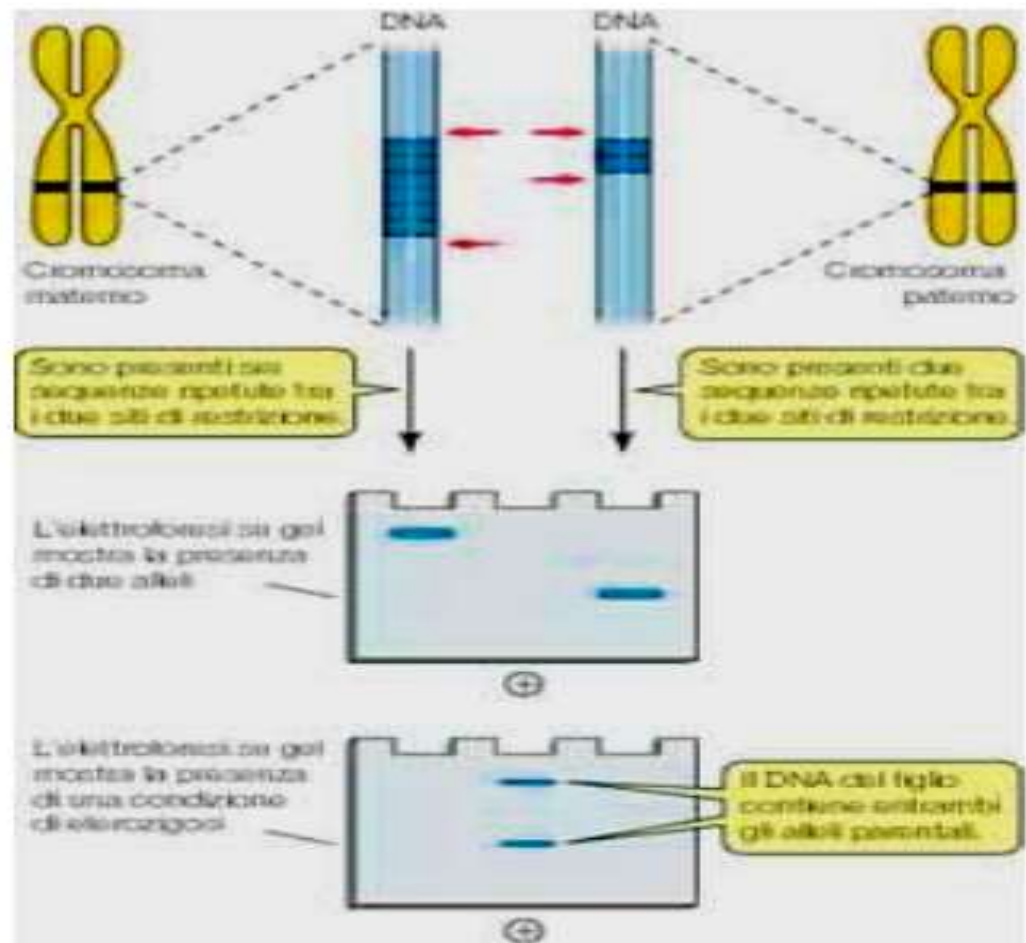


Fig. Schema di elettroforesi su gel di due microsatelliti situati su cromosomi omologhi materni e paterni (omozigoti per il locus analizzato) e del figlio (che sarà eterozigote per lo stesso locus).

