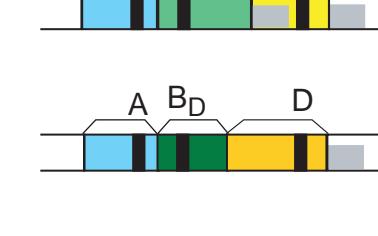
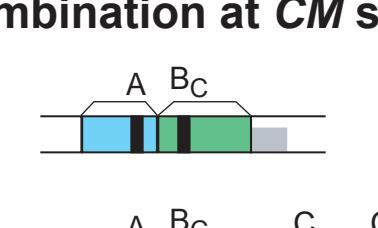


## A (Major type)

AB<sub>C</sub>C

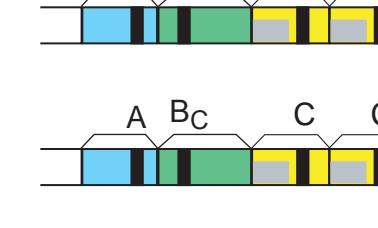


AB<sub>D</sub>D

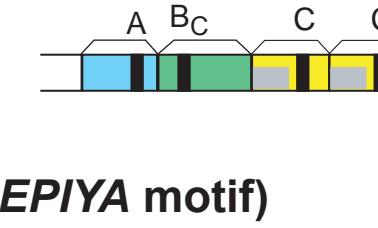


## B (Homologous recombination at CM sequence)

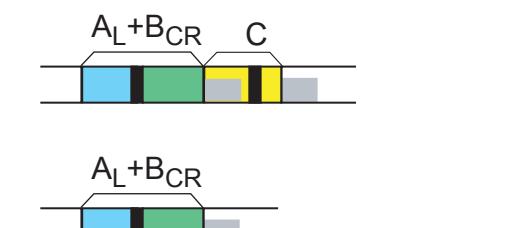
AB<sub>C</sub>



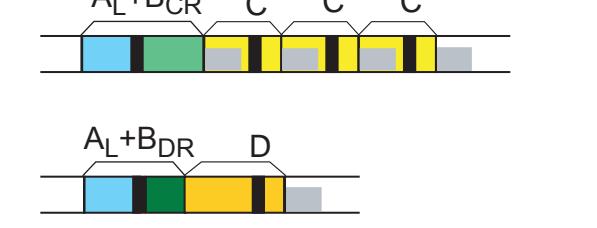
AB<sub>C</sub>CC



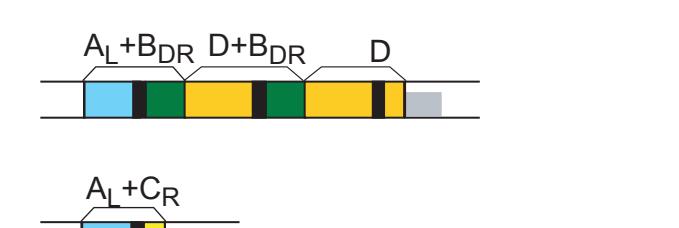
AB<sub>C</sub>CCC



AB<sub>C</sub>CCCC

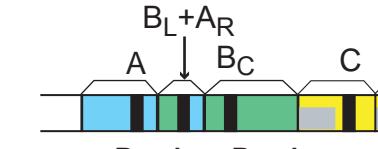


AB<sub>C</sub>CCCCC

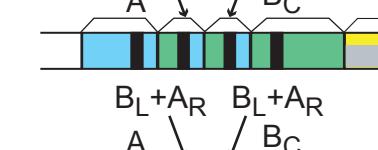


## C (Recombination at EPIYA motif)

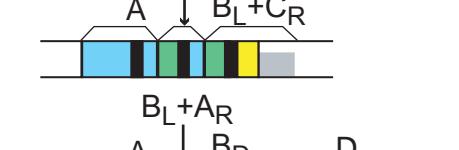
A<sub>L</sub>ΨB<sub>CR</sub>C



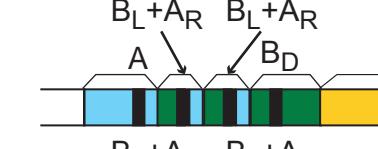
A<sub>L</sub>ΨB<sub>CR</sub>



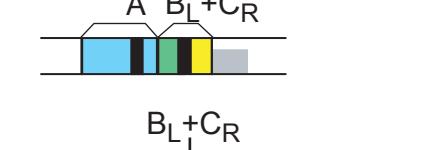
A<sub>L</sub>ΨB<sub>CR</sub>CCC



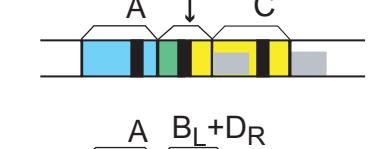
A<sub>L</sub>ΨB<sub>DR</sub>D



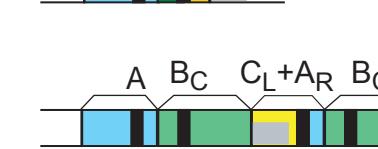
A<sub>L</sub>ΨB<sub>DR</sub>D<sub>L</sub>ΨB<sub>DR</sub>D



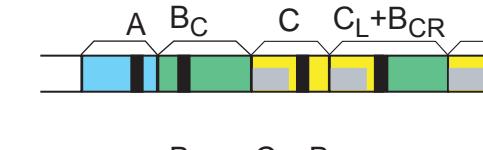
A<sub>L</sub>ΨC<sub>R</sub>



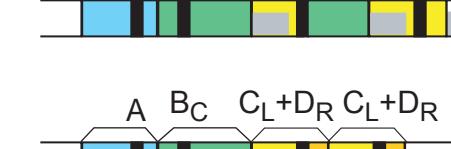
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>C</sub>C



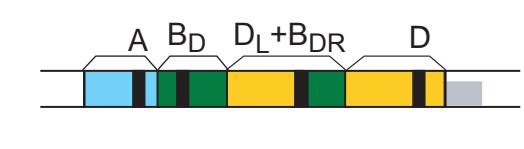
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>C</sub>CC



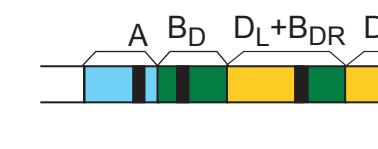
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>L</sub>ΨA<sub>R</sub>B<sub>C</sub>C



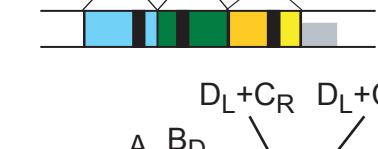
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>L</sub>ΨA<sub>R</sub>B<sub>C</sub>CC



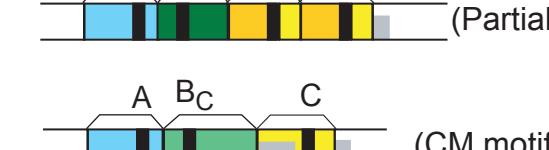
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>L</sub>ΨC<sub>R</sub>



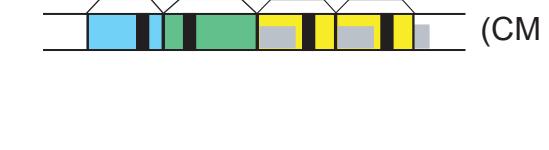
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>D</sub>D



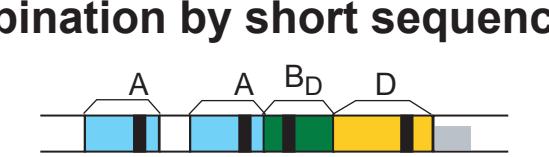
AB<sub>L</sub>ΨA<sub>R</sub>B<sub>D</sub>R<sub>L</sub>-AB<sub>D</sub>D



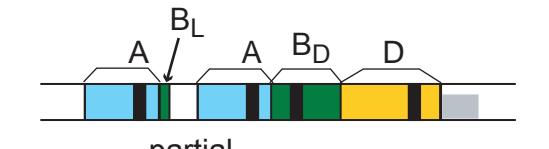
AB<sub>D</sub>D<sub>L</sub>-AB<sub>D</sub>D



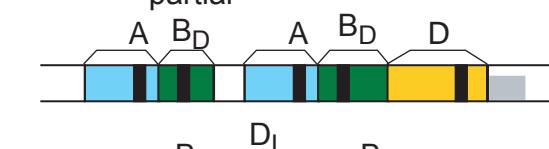
AB<sub>D</sub>D<sub>L</sub>ΨB<sub>DR</sub>D<sub>L</sub>-D<sub>R</sub>



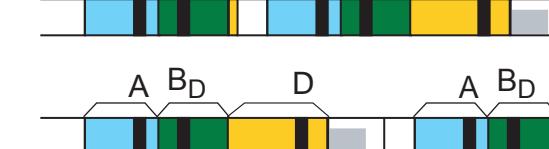
AB<sub>D</sub>D<sub>L</sub>-B<sub>CR</sub>C



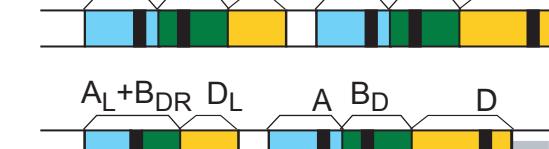
AB<sub>D</sub>D<sub>L</sub>-D



AB<sub>D</sub>D<sub>L</sub>-B<sub>DR</sub>D

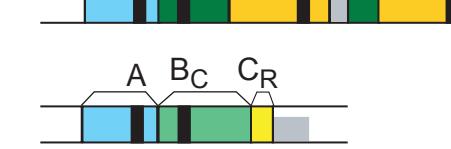


AB<sub>L</sub>Ψ-C<sub>R</sub>ΨB<sub>CR</sub>C

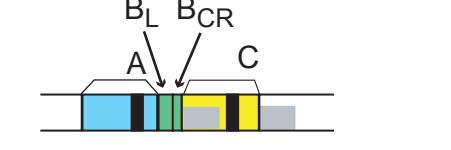


## D (Illegitimate recombination by short sequence identity)

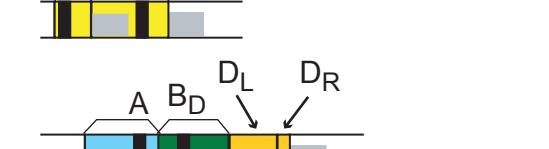
A-AB<sub>D</sub>D



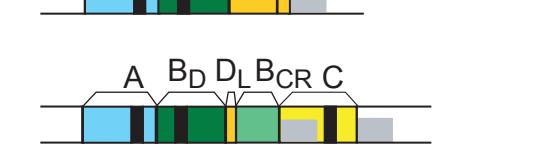
AB<sub>L</sub>-AB<sub>D</sub>D



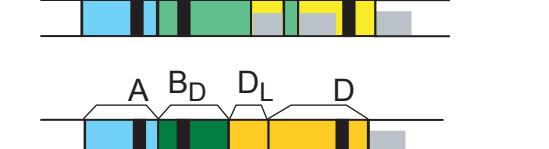
AB<sub>D</sub>-AB<sub>D</sub>D



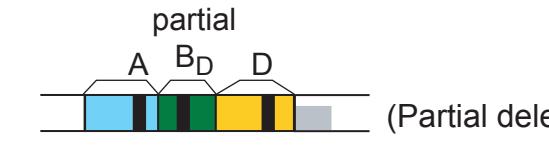
AB<sub>D</sub>D<sub>L</sub>-AB<sub>D</sub>D



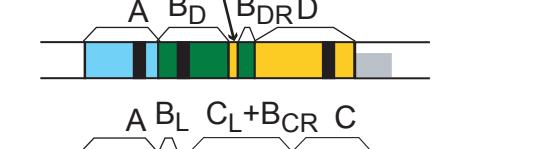
AB<sub>D</sub>D<sub>L</sub>-B<sub>CR</sub>C



AB<sub>D</sub>D<sub>L</sub>-D



AB<sub>D</sub>D<sub>L</sub>-B<sub>DR</sub>D



AB<sub>L</sub>Ψ-C<sub>L</sub>ΨB<sub>CR</sub>C

