

B

Catarrhini

The diagram illustrates the PMCH inversion mechanism. The top part shows a linear sequence of genomic elements: a spring-like structure labeled 'II', a box labeled 'B', a box labeled 'III', a box labeled 'C' with an inverted repeat symbol (two arrows pointing in opposite directions), and a box labeled 'A' with an 'Alu insertion' above it and 'AAA' below it. A dashed line indicates a break in the sequence. The bottom part shows the result of a 'PMCH inversion': the sequence is now I, A, II, B, III, C. Element 'A' is now inverted and contains the Alu insertion. The 'PMCH' label is at the bottom right.