Phosphodiester Linkage

How Nucleotides Link Together

Nucleotides link together exactly the same way that all monomers do. They polymerize to form nucleic acids, through a reaction which involves the formation of a bond between the phosphate group of one nucleotide and the hydroxyl group of the sugar component of another nucleotide. The result of this **condensation** or **dehydration** **reaction** (i.e., the reaction which links monomers together) is called a phosphodiester bond.

