

The invention relates to immunostimulatory oligonucleotide wherein the at least two internal dinucleotides have a phosphodiester or phosphodiester-like internucleotide linkage and separated with at least one stabilized internucleotide linkage. The invention further relates to a method for stimulating an immune response, comprising administering to a subject an oligonucleotide, and to a method for treating asthma.