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# NOD2 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *NOD2 wt Allele*. NCI Thesaurus. Code C74448.

Human NOD2 wild-type allele is located in the vicinity of 16q21 and is approximately 36 kb in length. This allele, which encodes nucleotide-binding oligomerization domain-containing protein 2, plays a role in the modulation of both cell death and immune response. Mutation of the gene is associated with Blau syndrome, Crohn disease, ulcerative colitis, and early-onset sarcoidosis.