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FOXP3 Treg-Specific Demethylated Region

National Cancer Institute

Source

National Cancer Institute. *FOXP3 Treg-Specific Demethylated Region*. NCI Thesaurus. Code C116968.

A genetic marker that distinguishes regulatory T-cells (Tregs) from other T-lymphocytes. This marker is comprised of a demethylated CpG motif that is within the 5' untranslated region of the FOXP3 gene, which is only found in Tregs. This CpG motif is methylated in other T-cell lineages. The methylation status of this region of the FOXP3 gene may influence the expression of the transcription factor, forkhead box protein P3.