

[Open Peer Review on Qeios](#)

Histone H3 Lysine 79

National Cancer Institute

Source

National Cancer Institute. *Histone H3 Lysine 79*. NCI Thesaurus. Code C156388.

The lysine residue found at amino acid position 79 in the histone H3 protein. Methylation of this residue by DOT1L protein disrupts telomeric silencing and may be a marker for cellular transformation and disease progression in patients with leukemia.