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Primary myelofibrosis with concurrent *CALR* and *MPL* mutations: A case report

Zhou FP *et al*. Co-mutation of *CALR* and *MPL* genes

Feng-Ping Zhou, Cheng-Cheng Wang, Hua-Ping Du, Shan-Bo Cao, Jin Zhang

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Somatic mutations in **CALR gene** have been reported in 60%–88% of patients with **essential thrombocythemia** (ET) and **primary myelofibrosis** (**PMF**) who are negative for JAK2 and **MPL mutations**. Most of the **CALR mutations** analyzed to date are **heterozygous mutations** in **exon** 9 ...

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