Flow cytometric detection of MPL (CD110) as a diagnostic tool for differentiation of congenital thrombocytopenias

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Supplemental Figure 1: MPL expression on platelets is dependent on THPO plasma levels
A) MPL expression level on platelets measured flow cytometrically using monoclonal antibody against CD110 (clone 1.6) on platelets of a healthy donor (ND), on platelets of an ALL patient in deep thrombocytopenia after chemotherapy and on platelets of a patient with aplastic anemia (AA) before and after platelet transfusion (PTx); B) Box plots summarizing all flow cytometric measurements of CD110 on platelets. For further explanation see Figure 3.
Supplemental Figure 2: MPL expression on different cell types in thrombocytopenic patients with high THPO plasma levels

Summary of results from flow cytometric determination of MPL on platelets, CD34^+CD38^{hi} and CD34^+CD38^{lo/-} hematopoietic progenitors in patients with thrombocytopenia and elevated THPO plasma levels (>500 pg/ml).