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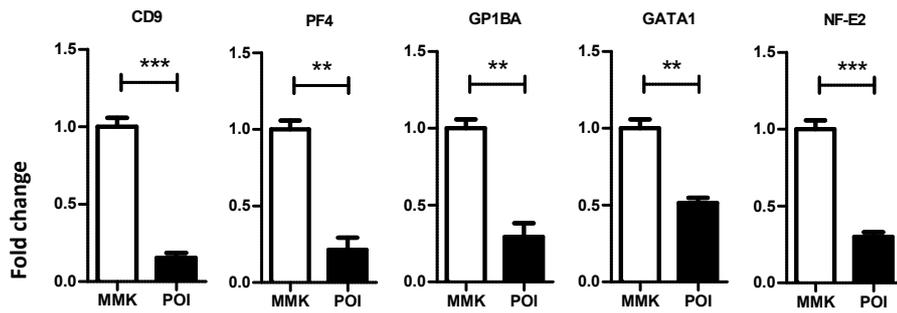


Figure S1: Analysis of TF expression in POI.

CD34⁺ cells were cultured as in fig 1 for 10 days under control conditions or in the presence of SR1 (1 μ M). MMK (fig 3) or POI were sorted by flow cytometry, mRNA was extracted, and the level of *megakaryocytic TF* transcripts were quantified by qRT-PCR. The level of transcripts was normalized in MMK at 1. All the tested TFs are under expressed (CD9 : 0.15 \pm 0.03; PF4 : 0.21 \pm 0.08; GP1BA : 0.29 \pm 0.09; GATA1 : 0.51 \pm 0.03; NF-E2 : 0.3 \pm 0.03).

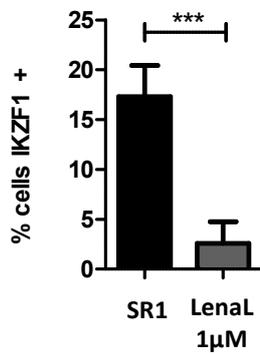


Figure S2 : Analysis of cells positive for Ikaros in presence of Lenalidomid

Bar graphs representing the percentage of cells expressing IKZF1 at day 10 in SR1 and Lenal conditions (17.3 \pm 3.1 in SR1 vs 2.6 \pm 2.2 with Lenal) (mean \pm SEM, N=3, ***p<0.001, Student *t* test)