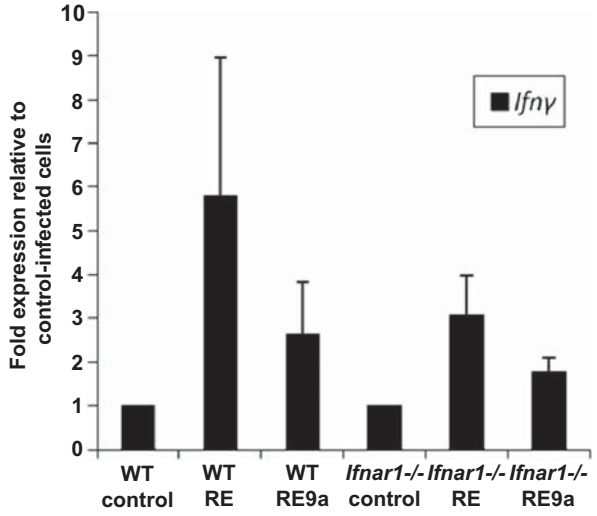
Supplementary material for DeKelver RC, et al., RUNX1–ETO induces a type I interferon response which negatively effects t(8;21)-induced increased self-renewal and leukemia development, *Leukemia & Lymphoma*, 2013; doi: 10.3109/10428194.2013.815351.

Supplementary Table I. List of interferon-stimulated genes upregulated by RUNX1-ETO and RUNX1-ETO-W692A in murine lineage-negative, Sca-1^+ c-Kit^+ cells [14]. The raw data from which this values were extracted are contained in Supplementary Tables I & II of reference 14.

Gene Symbol	Fold Change in RUNX1-ETO	Fold Change in RUNX1-ETO-W692A	Ratio RE/RE9a
Ifi44	18.64	0.95	19.57
Ifit1	39.49	1.29	30.61
Oasl1	8.57	1.28	6.70
Ifit2	2.36	0.76	3.12
Cxcl10	8.22	1.48	5.55
Oaslg	3.75	0.88	4.28
Irf7	2.51	0.91	2.76
Ddx58	4.24	0.90	4.71
Irf9	2.98	0.98	3.04



Supplementary Figure 1. Expression of RUNX1-ETO and RUNX1-ETO9a induces *IFN-g* expression in murine bone marrow cells Expression of *IFN-γ* in retrovirally transduced wildtype or *Ifnar1*−/− murine bone marrow cells. Expression levels were normalized to *Gapdh* with control-transduced cells of each genotype set to 1. Data show averages and standard deviations of 3 independent experiments.