**Supplementary Figure 2**, Survival and Hematologic Parameters.  
(A) Kaplan-Meier survival curves of Mx1-Cre; Nras<sup>G12D/+</sup> (n=38), Mx1-Cre; Nras<sup>G12D/-</sup> (n=32), and Mx1-Cre; Nras<sup>G12D/G12D</sup> (n=20) mice in the C57Bl/6 background (**p < 0.001).  
(B) Analysis of blood neutrophil counts (left panel) and hemoglobin (Hb; right panel) values in 6 month-old heterozygous, hemizygous and homozygous Nras<sup>G12D</sup> mice.  
(C) Schema for the isolation of the Lin- c-Kit+ CD105- CD34+ gate, which was used for phospho-flow cytometric analysis of signal transduction in Nras<sup>G12D/+</sup>, Nras<sup>G12D/-</sup>, and Nras<sup>G12D/G12D</sup> bone marrow cells.