## Ferroportin inhibitor vamifeport ameliorates ineffective erythropoiesis in a mouse model of β-thalassemia with blood transfusions

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## SUPPLEMENTAL MATERIAL

**Figure S1. NTBI levels in Hbb**<sup>th3/+</sup> **mice after vamifeport treatment alone or in combination with repeated blood transfusions.** Representative scatter plot of individual values (with mean and standard deviation) showing the effects of transfusion, vehicle, and vamifeport treatment at the end of the study. NTBI, nontransferrin-bound iron; WT, wild-type. There were no significant differences for statistical comparisons between any treatment group and the Hbb<sup>th3/+</sup> vehicle nontransfused group or the vehicle transfused group.



## Figure S2. Spleen weight, spleen iron and *Erfe expression* in Hbb<sup>th3/+</sup> mice after vamifeport treatment alone or in combination with repeated blood

**transfusions.** Representative scatter plots of individual values (with mean and standard deviation) showing the effects of transfusion, vehicle, and vamifeport treatment at the end of the study on **A**. Relative spleen weight, **B**. Spleen iron content, **C**. Spleen iron concentration, **D**. *Erfe* expression. *Erfe*, erythroferrone; WT, wild-type. Significant differences compared with the Hbb<sup>th3/+</sup> vehicle non-transfused group (black) and vehicle transfused group (purple) are indicated as: \*p<0.05, \*\*p<0.01, and \*\*\*p<0.001.



## Figure S3. Liver, heart, and kidney iron concentration in Hbb<sup>th3/+</sup> mice after vamifeport treatment alone or in combination with repeated blood

**transfusions.** Representative scatter plots of individual values (with mean and standard deviation) showing the effects of transfusion, vehicle, and vamifeport treatment at the end of the study on total **A.** Liver iron, **B.** Heart iron, **C.** Kidney iron. WT, wild-type. Significant differences compared with the Hbb<sup>th3/+</sup> vehicle non-transfused group (black) and vehicle transfused group (purple) are indicated as: p<0.05, p<0.01, and p<0.001.

