Additional file 3: HPO terms added to enable annotation of bleeding and platelet phenotypes.

HPO ID	HPO Term
HP:0001973	Autoimmune thrombocytopenia
HP:0003540	Impaired platelet aggregation
HP:0005527	Reduced kininogen activity
HP:0005528	Bone marrow hypocellularity
HP:0005561	Abnormality of bone marrow cell morphology
HP:0008148	Impaired epinephrine-induced platelet aggregation
HP:0011870	Impaired arachidonic acid-induced platelet aggregation
HP:0011871	Impaired ristocetin-induced platelet aggregation
HP:0011872	Impaired thrombin-induced platelet aggregation
HP:0011877	Increased mean platelet volume
HP:0011878	Abnormal platelet membrane protein expression
HP:0011879	Decreased platelet glycoprotein Ib-IX-V
HP:0011881	Decreased platelet glycoprotein VI
HP:0011882	Decreased platelet P2Y12 receptor
HP:0011883	Abnormal platelet granules
HP:0011894	Impaired thromboxane A2 agonist-induced platelet aggregation
HP:0012483	Abnormal alpha granules
HP:0012484	Abnormal dense granules
HP:0012491	Abnormal dense tubular system
HP:0004813	Post-transfusion thrombocytopenia
HP:0002584	Intestinal bleeding
HP:0007420	Spontaneous hematomas
HP:0007902	Vitreous hemorrhage
HP:0011884	Abnormal umbilical stump bleeding
HP:0011885	Hemorrhage of the eye
HP:0011888	Bleeding requiring red cell transfusion
HP:0011890	Prolonged bleeding following procedure
HP:0011891	Post-partum hemorrhage
HP:0011895	Anemia due to reduced life span of red cells
HP:0011896	Subconjunctival hemorrhage
HP:0011897	Neutrophilia
HP:0011898	Abnormality of circulating fibrinogen
HP:0011899	Hyperfibrinogenemia
HP:0011901	Dysfibrinogenemia
HP:0012130	Abnormality of cells of the erythroid lineage
HP:0012131	Abnormal number of erythroid precursors

HP:0012132	Erythroid hyperplasia
HP:0012133	Erythroid hypoplasia
HP:0012135	Abnormality of cells of the granulocytic lineage
HP:0100827	Lymphocytosis
HP:0012146	Abnormality of von Willebrand factor
HP:0012147	Reduced quantity of von Willebrand factor
HP:0012148	Multiple lineage myelodysplasia
HP:0012149	Bilineage myelodysplasia
HP:0012150	Single lineage myelodysplasia
HP:0008320	Impaired collagen-induced platelet aggregation
HP:0011873	Abnormal platelet count
HP:0011875	Abnormal platelet morphology
HP:0011889	Bleeding with no or minor trauma
HP:0011869	Abnormal platelet function
HP:0011874	Heparin-induced thrombocytopenia
HP:0011876	Abnormal platelet volume
HP:0011880	Acute disseminated intravascular coagulation
HP:0011886	Hyphema
HP:0011887	Choroid hemorrhage
HP:0011892	Vitamin K deficiency
HP:0011893	Abnormal leukocyte count
HP:0011900	Hypofibrinogenemia
HP:0011902	Abnormal hemoglobin
HP:0011903	Hemoglobin H
HP:0011904	Persistence of hemoglobin F
HP:0011905	Reduced hemoglobin A
HP:0011906	Reduced beta/alpha synthesis ratio
HP:0011907	Reduced alpha/beta synthesis ratio
HP:0011908	Unilateral radial aplasia
HP:0011909	Flattened metacarpal heads
HP:0011910	Shortening of all phalanges of fingers
HP:0011911	Abnormality of metocarpophalangeal joint
HP:0003010	Prolonged bleeding time
HP:0012524	Abnormal platelet shape
HP:0012525	Abnormal alpha granule distribution
HP:0012526	Absence of alpha granules
HP:0012527	Abnormal alpha granule content
HP:0012528	Abnormal number of alpha granules
HP:0012529	Abnormal dense granule content

HP:0012530	Abnormal number of dense granules
HP:0011460	Embryonal onset
HP:0011461	Fetal onset