ADP  adenosine diphosphate
ALK  anaplastic lymphoma kinase
ALL  acute lymphoblastic leukemia
AML  acute myeloid leukemia
aPTT  activated partial thromboplastin time
ATP  adenosine triphosphate
CAP  College of American Pathologists
CBC  complete blood count
CLIA  Clinical Laboratory Improvements Amendments
CLL  chronic lymphocytic leukemia
CML  chronic myelogenous leukemia
CMV  cytomegalovirus
CNS  central nervous system
CSF  cerebrospinal fluid
DNMT3A  DNA methyltransferase 3 alpha
DVT  deep vein thrombosis
EBER  EBV-encoded RNA
EBV  Epstein-Barr virus
ED  emergency department
EDTA  ethylenediaminetetraacetic acid
ELISA  elisa assay
EMA  epithelial membrane antigen
FDA  Food & Drug Administration
FISH  fluorescence in-situ hybridization
G-6-PD  glucose-6-phosphate dehydrogenase
GMS  Gomori methenamine silver
Hb or Hgb  hemoglobin
HHV8  human herpesvirus 8
HPLC  high-performance liquid chromatography
IHC  immunohistochemistry
INR  international normalized ratio
MALT lymphoma  mucosa-associated lymphoid tissue lymphoma
MCH  mean corpuscular hemoglobin
MCHC  mean corpuscular hemoglobin concentration
MCV  mean corpuscular volume
MDS  myelodysplastic syndrome
MDS/MPN  myelodysplastic/myeloproliferative neoplasms
MGUS  monoclonal gammopathy of undetermined significance
MLL (KMT2A)  mixed lineage leukemia
MPN  myeloproliferative neoplasms
MPO  myeloperoxidase
MRD  minimal residual disease
NGS  next generation sequencing
NOS  not otherwise specified
NPM1  nucleophosmin gene
PAS  periodic acid Schiff
PCR  polymerase chain reaction
PMF  primary myelofibrosis
PNH  paroxysmal nocturnal hemoglobinuria
Ph' chromosome  Philadelphia chromosome
Plt  platelet
PT/INR  prothrombin time/international normalized ratio
PTLD  post-transplant lymphoproliferative disorders
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>QC</td>
<td>quality control</td>
</tr>
<tr>
<td>RAEB</td>
<td>refractory anemia with excess blasts</td>
</tr>
<tr>
<td>RARS</td>
<td>refractory anemia with ring sideroblasts</td>
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<tr>
<td>RBC</td>
<td>red blood cell</td>
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<tr>
<td>RDW</td>
<td>red cell distribution width</td>
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<tr>
<td>RNA</td>
<td>ribonucleic acid</td>
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<tr>
<td>RT-PCR</td>
<td>reverse transcriptase polymerase chain reaction</td>
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<tr>
<td>SLL</td>
<td>small lymphocytic lymphoma</td>
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<tr>
<td>SNP</td>
<td>single nucleotide polymorphism</td>
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<tr>
<td>TCR</td>
<td>T cell receptor</td>
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<tr>
<td>TdT</td>
<td>terminal deoxynucleotidyl transferase</td>
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<tr>
<td>TIA1</td>
<td>T cell intracellular antigen 1</td>
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<tr>
<td>TIBC</td>
<td>total iron binding capacity</td>
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<tr>
<td>WBC</td>
<td>white blood cell</td>
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