

LIST OF ABBREVIATIONS

A	: Alanine
ALL	: Acute lymphoblastic leukemia
AML	: Acute myeloid leukemia
AML CG	: AML Cooperative Group
ANAE	: α naphthyl acetate esterase
AP	: Accelerated phase
AUL	: Acute undifferentiated leukemia
BC	: Blast crisis
BCR-ABL	: Breakpoint cluster region-Abelson
BM	: Bone marrow
BMA	: Bone marrow aspiration
CBC	: Complete blood count
CBF	: Core-binding-factor
CCD	: Charge-coupled device
CDC25C	: Cell division cycle 25C
CEBPα	: CCAAT/enhancer binding protein alpha gene
CML	: Chronic myeloid leukaemia
CN-AML	: Cytogenetically normal acute myeloid leukemia
CNS	: Central nervous system
CP	: Chronic phase
CR	: Complete remission
DAPI	: 4,6-diamidino-2-phenylindole
DKc1	: Dyskerin
DNA	: Deoxyribonucleic acid
E	: Glutamic acid
EFS	: Event-free survival
EGR1	: Early Growth Response 1
EVI1	: Ecotropic viral integration site 1
FAB	: French American British
FISH	: Fluorescence in-situ hybridization
FITC	: Fluorescein isothiocyanate
FLT3	: Fms-related tyrosine kinase 3

FRS	: Relapse-free survival
H	: Histidine
HSCT	: Hematopoietic stem cell transplantation
INV	: Inversion
ITD	: Internal tandem duplication
K	: Lysine
K₂EDTA	: Di-Potassium ethylenediamine tetra-acetic acid
Kb	: Kilo base
KRAS	: Kirsten rat sarcoma viral oncogene homolog
LDH	: Lactate dehydrogenase
LM	: Light microscope
LN_s	: Lymph nodes
M	: Methionine
MDR1	: Multi-drug resistance protein 1
MDS	: Myelodysplastic syndrome
MDS/MPNs	: Myelodysplastic-syndrom/myeloproliferative-neoplasms
MLL	: Myeloid/lymphoid or mixed-lineage leukemia
MPAL	: Mixed phenotype acute leukemia
MPNs	: Myeloproliferative neoplasms
MPO	: Myeloperoxidase
MRC	: Medical Research Council
MRD	: Minimal residual disease
MYH11	: Myosin, heavy chain 11, smooth muscle
NGS	: Next-generation sequencing
NOS	: Not otherwise specified
NPM1	: Nucleophosmin gene
NRAS	: Neuroblastoma rat sarcoma viral oncogene homologue
NSE	: Nonspecific esterase
NUP214	: Nucleoporin 214kDa
OS	: Overall survival
p	: Short arm of chromosome
PAS	: Periodic acid–Schiff
PB	: Peripheral blood

PCR	: Polymerase chain reaction
PTD	: Partial tandem duplication
q	: Long arm of chromosome
R	: Arginine
RBCs	: Red blood cells
RFS	: Relapse free survival
RNP	: Ribonucleoprotein
RPN1	: Ribophorin I
RUNX1	: Runt-related transcription factor 1
SBB	: Sudan Black B
SCC-HN	: Squamous cell carcinoma of the head and neck
SEER	: Surveillance, Epidemiology, and End Result database
SNP	: Single nucleotide polymorphism
SSC	: Saline Sodium Citrate
t	: Translocation
T	: Threonine
TERC	: Telomerase RNA component
TERT	: Telomerase reverse vtranscriptase
TKD	: Tyrosine kinase domain
TR	: Telomerase
TRF	: Terminal restriction fragments
TRITC	: Tetramethylrhodamine isothiocyanate
TRM	: Treatment-related mortality
TSGs	: Tumor suppressor genes
U/S	: Ultrasonography
UPD	: Uniparental disomy
V	: Valine
WBCs	: White blood cells
WHO	: World health organization
WT1	: Wilms tumor1