

aa*	amino acid	FITC*	fluorescein isothiocyanate
Ab*	antibody	g*	gram(s)
aGVHD	acute GVHD	GVHD	graft-versus-host disease
AIDS	acquired immunodeficiency disorder	GVHR	graft-versus-host reaction
ALL	acute lymphoblastic leukemia	GFP	green fluorescent protein
AML	acute myelogenous leukemia	GM-CFU	granulocyte-macrophage colony forming unit
APC	antigen presenting cell	GM-CSA	granulocyte-macrophage colony stimulating activity
ATG	anti-thymocyte globulin	GM-CSF	granulocyte-macrophage colony stimulating factor
BM	bone marrow	Gy*	gray
BMT	bone marrow transplantation	h*	hour(s)
Bp*	base pairs	H	histocompatibility
BSA*	bovine serum albumin	HAT	hypoxanthine-aminopterin-thymidine
°C*	degrees Celsius	HBSS*	Hank's balanced salt solution
CBT	cord blood transplantation	HCT	hematopoietic cell transplantation
CD*	cluster designation	H & E*	hematoxylin and eosin
cDNA*	copy deoxyribonucleic acid	HEPES*	N-2-hydroxyethylpiperazine-N'-2-ethanesulfonic acid
CDR	complementarity determining region	HIV	human immunodeficiency virus
CFA*	complete Freund's adjuvant	HLA*	human leukocyte antigen
CFSE	carboxyfluorescein diacetate succinimidyl ester	HAS	human serum albumin
CFU	colony forming unit	HPLC*	high-performance liquid chromatography
cGVHD	chronic GVHD	HSC	hematopoietic stem cell
cGy*	centigray	hsp	heat shock protein
Ci*	curie (s)	HSCT	hematopoietic stem cell transplantation
CML	chronic myelogenous leukemia	ICAM*	intercellular adhesion molecule
CLL	chronic lymphocytic leukemia	IFN*	interferon
CI	confidence interval	Ig*	immunoglobulin
CNS	central nervous system	IL*	interleukin
Con A*	concanavalin A	i.m.*	Intramuscular(ly)
CPM*	counts per minute	i.p.*	intraperitoneal(ly)
CR	complete remission	i.v.*	intravenous(ly)
CTL	cytotoxic T lymphocyte	IU*	international unit(s)
CMV	cytomegalovirus	JAK	Janus kinase
d*	day(s)	JNK	c-Jun NH2-terminal kinase
DFS	disease-free survival	°K*	degrees Kelvin
DLI	donor lymphocyte infusion	kb*	kilobase
DNA*	deoxyribonucleic acid	kg*	kilogram
DMEM*	dulbecco's modified Eagle medium	KIR	killer cell immunoglobulin-like receptor(s)
DMSO*	dimethylsulfoxide	KO	knockout
DTH	delayed type hypersensitivity	LN	lymph node(s)
EBV	Epstein-Barr virus	LPS	lipopolysaccharide
EDTA*	ethylenediamin tetraacetic acid	mAb*	monoclonal antibody(ies)
EFS	event-free survival	MHC*	major histocompatibility complex
ELISA*	enzyme-linked immunosorbent assay	M-CSF	macrophage colony-stimulating factor
ES cell	embryonic stem cell	MEM*	Eagle's minimum essential medium
°F*	degrees Fahrenheit	miHA	minor histocompatibility antigen
FACS	fluorescent activated cell sorter	min*	minute(s)
FasL	Fas ligand	mo*	month(s)
Fc*	crystallizable fragment of Ig	MST	median survival time
FBS*	fetal bovine serum	N*	normal (solution)
FCS*	fetal calf serum	n*	number in group
FISH	fluorescein in situ hybridization	NHL	non-Hodgkin lymphoma

*abbreviations acceptable without definition

NK cell	natural killer cell	SD*	standard deviation
no.*	Number	SE*	standard error
OCT	optimal cutting temperature	SEM*	standard error of mean
OD	optical density	STAT	signal transducer and activator of transcription
PBMC	peripheral blood mononuclear cell	TBI	total body irradiation
PBS*	phosphate buffered saline	TCR*	T cell receptor
PBSCT	peripheral blood stem cell transplantation	Th 1*	T helper cell type 1
PCR*	polymerase chain reaction	Th 2*	T helper cell type 2
PE*	phycoerythrin	TNF*	tumor necrosis factor
PEG	polyethylene glycol	TNFR	TNF receptor
pH*	hydrogen ion concentration	Treg	regulatory t cell
Ph	Philadelphia chromosome positive	TRM	treatment-related mortality
r*	correlation coefficient	TUNEL	terminal deoxynucleotidyl transferase-mediated dUTP nick end-labeling
rad*	radiation absorbed dose	URD	unrelated donor
RBC*	red blood cell	UV*	ultraviolet
RFS	relapse-free survival	VCAM*	vascular cell adhesion molecule
RNA*	ribonucleic acid	vol*	volume
rpm*	revolutions per minute	WBC*	white blood cell count
RPMI*	Roswell Park Memorial Institute (medium)	wk*	week(s)
RT*	reverse transcriptase	yr*	year(s)
s*	second(s)		
SCID*	severe combined immunodeficiency		
SCT	stem cell transplantation		