

LIST OF ABBREVIATIONS

^{123}Cs γ -rays	Centigray cGy
AcH4K16	histone H4 lysine 16 acetylation
AIC	Akaike Information Criterion
Ang-1	Angiopoietin
BMPs	Bone morphogenic proteins
BMT	Bone marrow transplantation
BSA	Bovine serum albumin
CAR	CXCL12-abundant reticular (cells)
CDKIs	Cyclin-dependent kinase inhibitors
cDNA	Complimentary DNA
CGD	Chronic granulomatous disease
CMPs	Common myeloid progenitors
CLPs	Common lymphoid progenitors
CTL	Cytotoxic T lymphocyte
CXCR -	C-X-C chemokine receptor type -
CY	Cyclophosphamide
DDR	DNA-damage response
Dll4	δ -like ligand 4
DPBS	Dulbecco's phosphate-buffered saline
DSBs	Double-stranded breaks