

ABBREVIATIONS

aa	Amino-acid
Ab	antibody
Arf1	ADP-ribosylation factor 1
BFA	Brefeldin A
bHLH	basic helix–loop–helix
BMP	Bone morphogenetic protein
bp	base pairs
CCD	cleidocranial dysplasia
CD	campomelic dysplasia
CDG	Congenital disorders of glycosylation
cDNA	complementary DNA
chBM	Chicken bone marrow cells
COG	component of oligomeric golgi complex
Ctl	control
d	day
DAPI	4',6-Diamidino-2-phenylindole
DEPC	Diethylpyrocarbonate
DIG	Digoxygenin
DMSO	Dimethyl sulfoxide
DNA	deoxyribonucleic acid
dNTPs	deoxy-Nucleotide TriPhosphates
EB	ethidium romide
ECM	extracellular matrix
EDTA	ethylenediamine tetraacetic acid
EGF	epidermal growth factor
ELN	elastin
ER	endoplasmic reticulum
ES	Embryonic stem cell
FBLN	fibulin
GAP	GTPase-activating protein
GEF	guanine nucleotide exchange factor
GO	Geroderma osteodysplastica
h	hour
HAF	Human adult fibroblasts
HGPS	Hutchinson-Gilford progeria syndrome
HMG	high-mobility-group
HOX	Homeodomain-containing genes
IEF	isoelectric focusing

kb	kilo base pairs
kD	Kilo-Dalton
M	mol
M-CSF	macrophage colony-stimulating factor
MED	multiple epiphyseal dysplasia
MEF	Mouse embryonic fibroblasts
min	minute
mRNA	mRNA messenger RNA
MS	Mass Spectrometry
MW	Molecular weight
nt	nucleotide
NZ	Nocodazole
OI	osteogenesis imperfecta
OPG	Osteoprotegerin
OPPG	osteoporosis pseudoglioma syndrome
ORF	Open reading frame
PBS	Phosphate Buffered Saline
PCR	polymerase chain reaction
PFA	Paraformaldehyde
POST	Porostin / SCYL1BP1
PTC	premature termination codon
RANKL	receptor activator of NF- κ B ligand
RT-PCR	Reverse Transcription – Polymerase Chain Reaction
SDS-PAGE	SDS polyacrylamide gel electrophoresis
SP	surfactant protein
SVAS	Supravalvular aortic stenosis
TNF	tumor necrosis factor
WRN	Werner syndrome
WSS	Wrinkly skin syndrome
WT	Wild type
Y2H	Yeast two hybrid
μ g	microgram
μ l	microliter
μ m	micrometer
μ M	micromoles per liter