

Abbreviations

ACH	Active Chromatin Hub
AGM	Aorta/gonad/mesonephros
ATP	Adenosine triphosphate
bp	Base pairs
3C	Chromosome Conformation Capture
CFP	Cyan fluorescent protein
DNA	Deoxyribonucleic acid
DNase I	Deoxyribonuclease I
DRED	Direct repeat erythroid-definitive
EKLF	Erythroid kruppel like factor
FISH	Fluorescence <i>in situ</i> hybridization
FLIP	Fluorescence loss in photobleaching
FRAP	Fluorescence recovery after photobleaching
GFP	Green fluorescent protein
GTF	General transcription factor
HAT	Histone acetyl transferase
HDAC	Histone deacetylases
HMTase	Histone methyl transferase
HPFH	Hereditary persistence of fetal hemoglobin
HS	Hypersensitive site
kb	Kilo base pairs (i.e. 10^3 bp)
Lac ^o	Lac operator
LacR	Lac repressor
LCR	Locus Control Region
MEL	Mouse erythroleukemia
mRNA	Messenger RNA
NE	Nuclear envelope
NPC	Nuclear pore complex
OR	Olfactory receptor
PAC	P1 artificial chromosome
PEV	Position effect variegation
PIC	Pre-initiation complex
RNA	Ribonucleic acid
RNAP	RNA polymerase
RNA TRAP	RNA tagging and recovery of associated proteins
rRNA	Ribosomal RNA
TAF	TBP-associated factors
TBP	TATA-binding protein
Tet ^o	Tet operator
TetR	Tet repressor
TFIIx	Transcription factor II x (e.g. B, D, E, F, H)
YFP	Yellow fluorescent protein