Chromatin conformation change code (4C) theory : A bio-system for gain of unprogramed and new cell function through irreversible creation of chromatin structure plasticity with epigenetic modifications via a lot of generation

Figure 5

	clones	factors	E		L	
			IgM H/L (++++)		IgM H/L (-)	
4C machinery HATs HDACs others chromatin conformation change complex machinery	cl.2-1	Pax5 Aiolos	tight	Ac (-) mRNA (-)	tight	Ac (-) mRNA (-)
		EBF1	tight	Ac (-) mRNA (-)	tight	Ac (-) mRNA (-)
W IgM H/L (-)		OBF1	tight (weak)	Ac + + mRNA ++	tight	Ac (-) mRNA (-)
loose	cl.2-2 cl.2-4	Pax5 Aiolos	tight	Ac (-) mRNA (-)	loose	Ac ++ ++ mRNA ++++
loose		EBF1	tight	Ac (-) mRNA (-)	tight	Ac (-) mRNA (-)
loose		OBF1	tight (weak)	Ac + + mRNA ++	loose	Ac ++ ++ mRNA ++++
TFC machinery (RPase etc) transcription factor complex machinery	cl.2-6	Pax5 Aiolos	tight	Ac (-) mRNA (-)	loose	Ac ++ ++ mRNA ++++
		EBF1	tight	Ac (-) mRNA (-)	loose	Ac ++ ++ mRNA ++++
		OBF1	tight (weak)	Ac + + mRNA ++	loose	Ac ++ ++ mRNA ++++