

Transcription factor	Role in the growth plate	Reference
Mef2c		[69]
Tcf7	Promotes hypertrophy	[70]
Dlx5		[41]
Msx2		[40]
Foxp1	Inhibits hypertrophy	[71]
Hey1		[39]
Sox9	Inhibits terminal differentiation or cartilage resorption	[38]
Dlx5		[41]
Msx2		[40]
Rbpj	Promotes terminal differentiation or cartilage resorption	[72]

Additional References

69. Arnold MA, Kim Y, Czubryt MP, Phan D, McAnally J, et al. (2007) MEF2C transcription factor controls chondrocyte hypertrophy and bone development. *Dev Cell* 12: 377–389. doi:10.1016/j.devcel.2007.02.004.
70. Mikasa M, Rokutanda S, Komori H, Ito K, Tsang YS, et al. (2010) Regulation of Tcf7 by Runx2 in chondrocyte maturation and proliferation. *Journal of Bone and Mineral Metabolism* 29: 291–299. doi:10.1007/s00774-010-0222-z.
71. Guo X, Zhao H (2012) Foxp1/2/4, New Transcriptional Regulators for the Chondrocyte Hypertrophy and Osteoblast Differentiation during Skeletal Ossification Minneapolis.
72. Kohn A, Dong Y, Miranda AJ, Jesse AM, Honjo T, et al. (2012) Cartilage-specific RBPj -dependent and -independent Notch signals regulate cartilage and bone development. *Development* 139: 1198–1212. doi:10.1242/dev.070649.