Haematologica HAEMATOL/2018/187708 Version 3

Setd2 regulates quiescence and differentiation of adult hematopoietic stem cells by restricting RNA polymerase II elongation

Yile Zhou, Xiaomei Yan, Xiaomin Feng, Jiachen Bu, Yunzhu Dong, Peipei Lin, Yoshihiro Hayashi, Rui Huang, Andre Olsson, Paul R. Andreassen, H. Leighton Grimes, Qian-fei Wang, Tao Cheng, Zhijian Xiao, Jie Jin, and Gang Huang

Disclosures: The authors have declared that no conflict of interest exists.

Contributions: YL.Z, XM.Y., XM.F, JC.B., YZ.D., PP.L. Y.H, R.H., and A.O. performed and analyzed all the experiments. P.R.A, H.L.G, Q.W., T.C., and ZJ.X. provided critical insights and review of the manuscript. J.J. and G.H. conceived and supervised the project. YL.Z. and G.H. wrote the manuscript.