

Supplement 1

Polgárová K., Vášková M., Froňková E., Slámová L., Kalina T., Mejstříková E., Dobiášová A., Fišer K., Hrušák O. Quantitative expression of regulatory and differentiation-related genes in the key steps of human hematopoiesis: The LeukoStage Database. *Differentiation* 2016, 91(1-3), 19-28. DOI: 10.1016/j.diff.2015.11.003. ISSN 03014681.

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Supplement 2

Slamova L, Starkova J, Fronkova E, Zaliova M, Reznickova L, van Delft F W, Vodickova E, Volejnikova J, Zemanova Z, Polgarova K, Cario G, Figueroa M, Kalina T, Fiser K, Bourquin J P, Bornhauser B, Dworzak M, Zuna J, Trka J, Sary J, Hrusak O, Mejstrikova E. CD2-positive B-cell precursor acute lymphoblastic leukemia with an early switch to the monocytic lineage. *Leukemia*. 2014, 28(3), 609-620. DOI: 10.1038/leu.2013.354. ISSN 0887-6924.

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Supplement 3

Polgarova K, Vargova K, Kulvait V, Dusilkova N, Minarik L, Zemanova Z, Pesta m, Jonasova A, Stopka T. Somatic mutation dynamics in MDS patients treated with azacitidine indicate clonal selection in patients-responders. *Oncotarget*. 2017, 8(67). DOI: 10.18632/oncotarget.22957. ISSN 1949-2553.

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