

Haematologica
HAEMATOL/2018/208223
Version 3

Deep sequencing of bone marrow microenvironments of patients with del(5q) myelodysplastic syndrome reveals imprints of antigenic selection as well as generation of novel T cell clusters as response pattern to lenalidomide

Thorben Mährle, Nuray Akyüz, Pim Fuchs, Nicola Bonzanni, Donjete Simnica, Ulrich Germing, Anne Marie Asemissen, Johann-Christoph Jann, Florian Nolte, Wolf-Karsten Hofmann, Daniel Nowak, and Mascha Binder

Disclosures: none

Contributions: MB designed the research, supervised the experiments, analyzed data and wrote the manuscript. TM performed experiments. TM, and NA analyzed data and prepared the figures. DS performed experiments and analyzed the data. NB and PF performed the cluster analysis. AMA, DN and UG contributed to study design, supplied material and critically revised the manuscript. JCJ, FN and WKH supplied material. All authors reviewed the manuscript and approved the final version.