- 1 Supplemental Material for Manuscript "Genome-wide DNA methylation analysis
- 2 pre- and post-lenalidomide treatment in patients with myelodysplastic syndrome
- 3 with isolated deletion (5q): results from a prospective multicenter study of the
- 4 German MDS study group", Annals of Hematology
- 5 Anna Hecht¹, Julia A. Meyer², Johann-Christoph Jann¹, Katja Sockel³, Aristoteles Giagounidis⁴,
- 6 Katharina S. Götze⁵, Anne Letsch⁶, Detlef Haase⁷, Richard F. Schlenk⁸, Torsten Haferlach⁹,
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- 9 Metzgeroth¹, Wolf-Karsten Hofmann¹, Ulrich Germing¹⁵, Florian Nolte¹, Mark Reinwald¹⁶ and
- 10 Daniel Nowak¹.

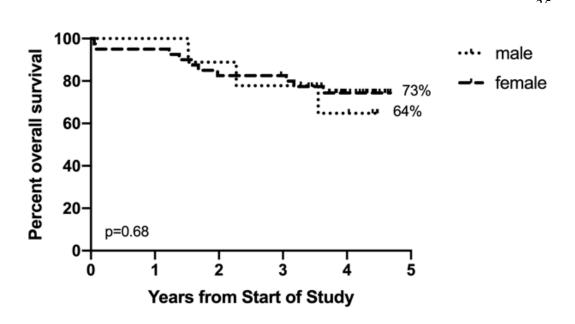
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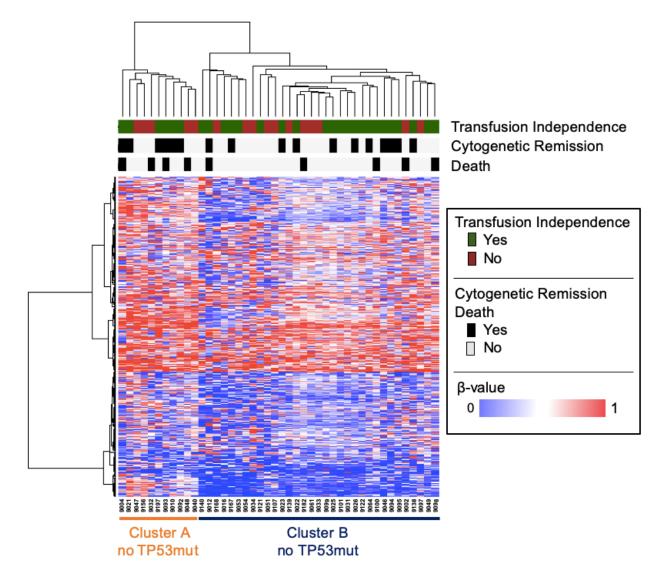
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Supplemental Figure 1: Overall survival of the 51 patients depending on gender

estimated using the Kaplan-Meier method.



Supplemental Figure 2: Unsupervised clustering of 44 patient bone marrow samples prior to lenalidomide treatment. Patients with mutations in TP53 were excluded from analysis. After exclusion of TP53mut patients, each of the TP53wt patients still clusters in the same way as before when analyzing the whole cohort. Patients are displayed on the X axis and the 1534 most variable CpG sites are displayed on the Y axis. Information on transfusion independence, cytogenetic remission and death is shown at the top of the figure.



Supplemental Figure 3. Overall survival of the 44 patients without TP53 mutations was estimated using the Kaplan-Meier method. Patients are differentiated by Cluster A and B (compare to Supplemental Figure 2).

