

SUPPLEMENTAL MATERIAL

Abdel-Wahab et al., <http://www.jem.org/cgi/content/full/jem.20131141/DC1>

Table S1, included as a separate PDF file, shows differentially expressed transcripts between 1-yr-old *Mx1-cre Asxl1^{fl/fl}* and *Asxl1^{fl/fl}* LSK cells by RNA sequencing.

Table S2, included as a separate PDF files, shows differentially expressed transcripts between 1-yr-old *Mx1-cre Asxl1^{fl/fl}* and *Asxl1^{fl/fl}* MPs by RNA sequencing.

Table S3, included as a separate PDF file, shows differentially expressed genes in LSK cells from 6-wk-old *Mx1-cre Asxl1^{fl/fl}*, *Mx1-cre Tet2^{fl/fl}*, and *Mx1-cre Asxl1^{fl/fl} Tet2^{fl/fl}*.

Table S4, included as a separate PDF file, shows regions with significant *Asxl1* binding by anti-*Asxl1* ChIP-Seq.

Table S5, included as a separate PDF file, shows genes with significant *Asxl1* binding ± 2 kb from the TSS as determined by anti-*Asxl1* ChIP-Seq.