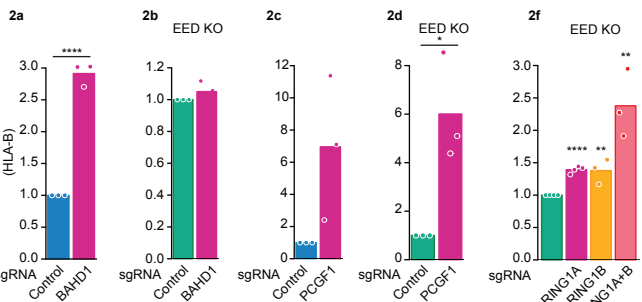
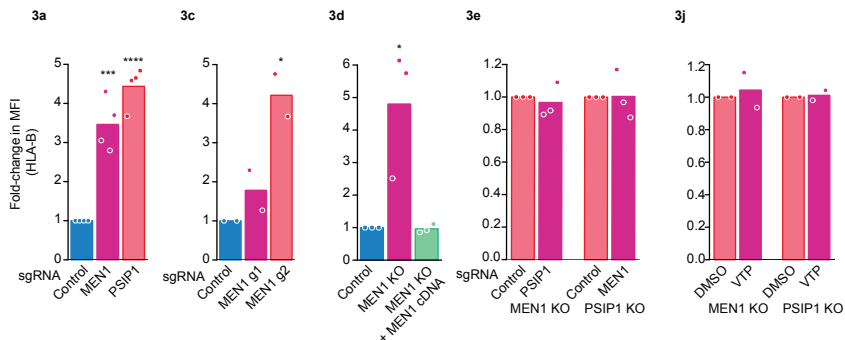


Supplementary Figure 1: Representative gating strategy of flow cytometry in K-562 Cas9 (top), K-562 Cas9 control sgRNA expressing (middle) and K-562 Cas9 *EED* KO control sgRNA expressing (bottom) cells, to assess cell surface MHC-I expression.

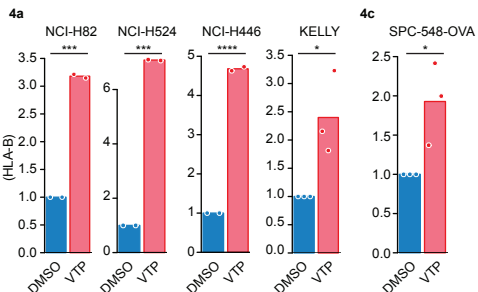
Related to Main Figure 2:



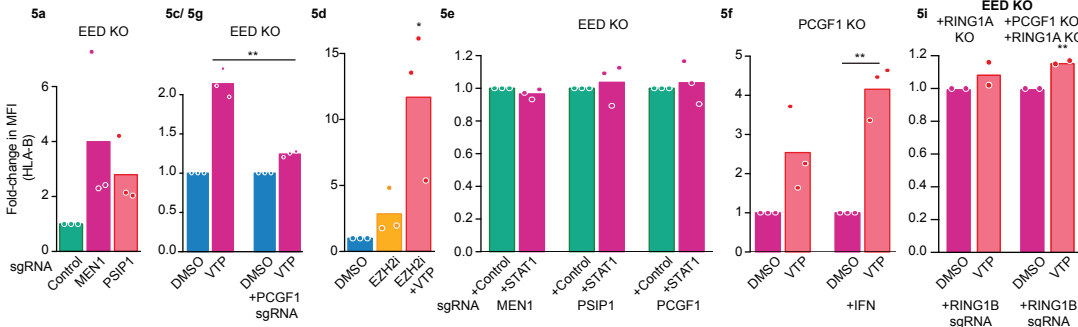
Related to Main Figure 3:



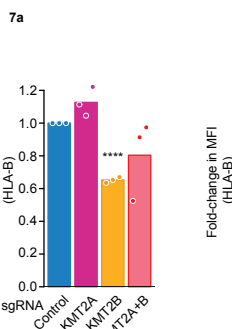
Related to Main Figure 4:



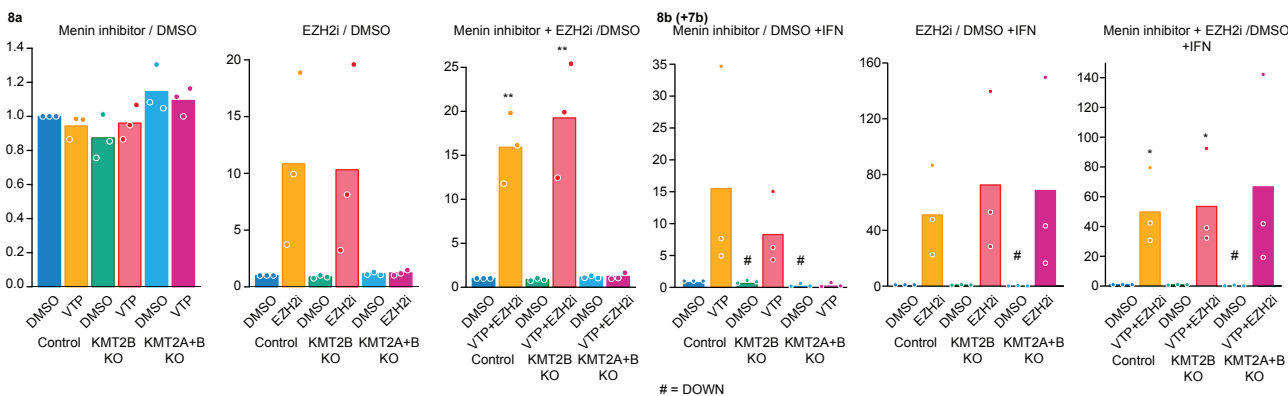
Related to Main Figure 5:



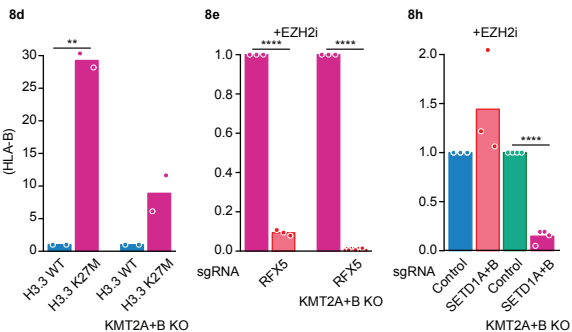
Related to Main Figure 7:



Related to Main Figure 8:



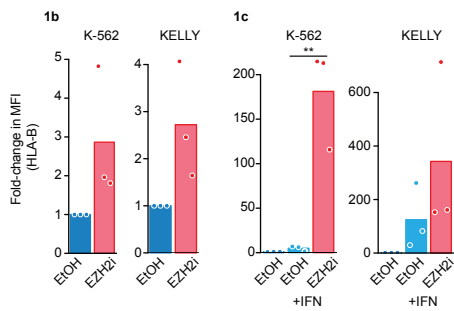
Related to Main Figure 8:



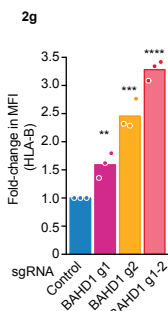
Supplementary Figure 2: Related to Main Figures.

Bar graphs depicting cell surface MHC-I as mean fold change in MFI from the indicated Main and Extended Data Figures. Points indicate independent replicates. Unpaired two-tailed t-test, significance is defined as p-value * <0.05 , ** <0.01 , *** <0.001 , **** <0.0001 , non-significant data were not annotated.

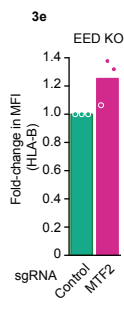
Related to Extended Data Figure 1:



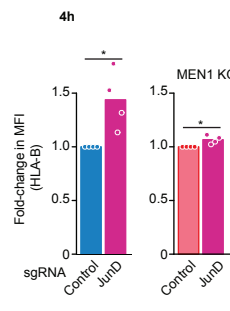
Related to Extended Data Figure 2:



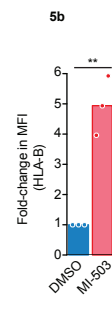
Related to Extended Data Figure 3:



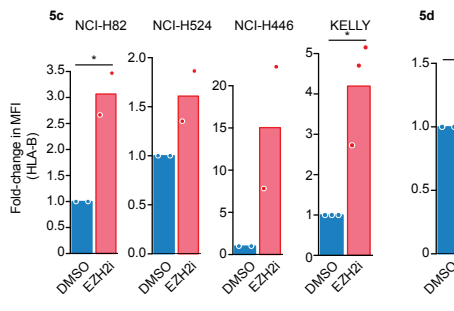
Related to Extended Data Figure 4:



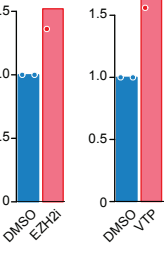
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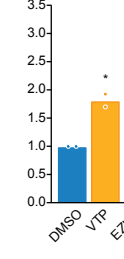
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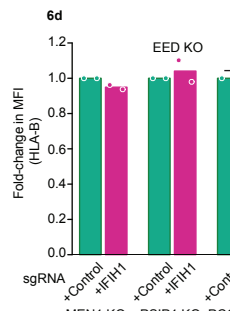
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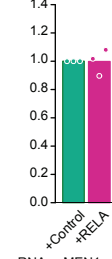
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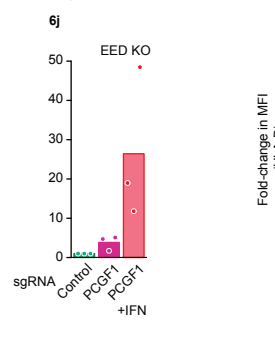
Related to Extended Data Figure 6:



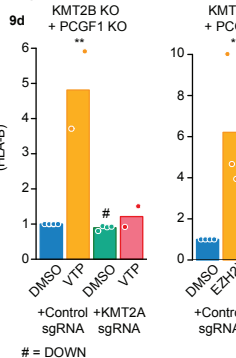
Related to Extended Data Figure 6:



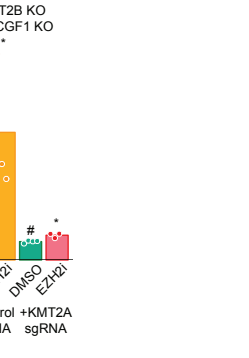
Related to Extended Data Figure 6:



Related to Extended Data Figure 9:



Related to Extended Data Figure 9:



Supplementary Figure 3: Related to Extended Data Figures.

Bar graphs depicting cell surface MHC-I as mean fold change in MFI from the indicated Main and Extended Data Figures. Points indicate independent replicates. Unpaired two-tailed t-test, significance is defined as p-value * <0.05 , ** <0.01 , *** <0.001 , **** <0.0001 , non-significant data were not annotated.