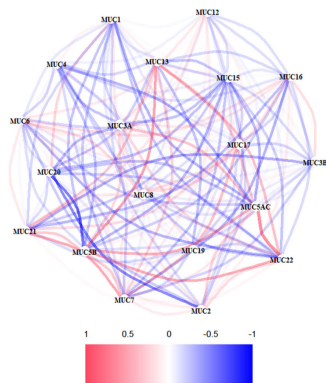
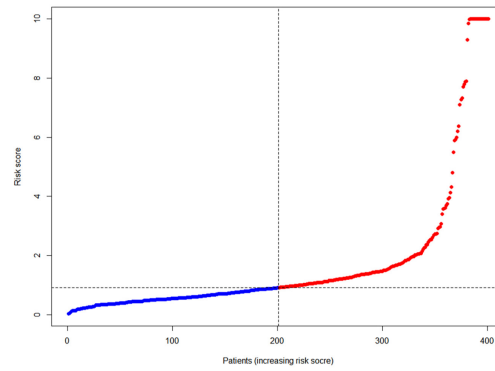


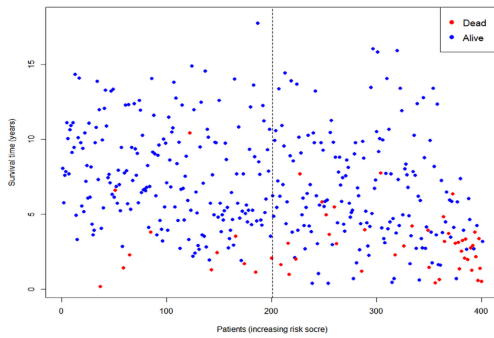
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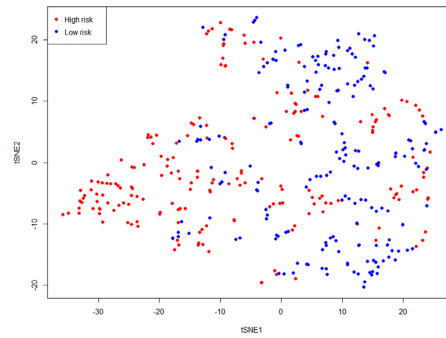
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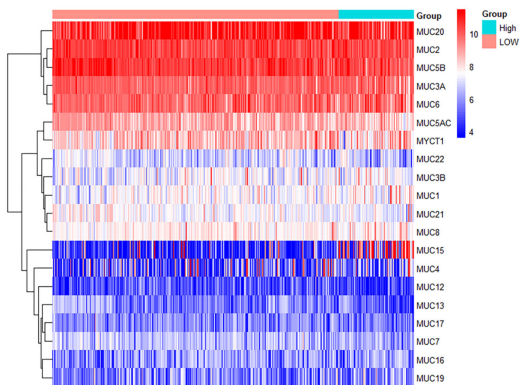
C



D

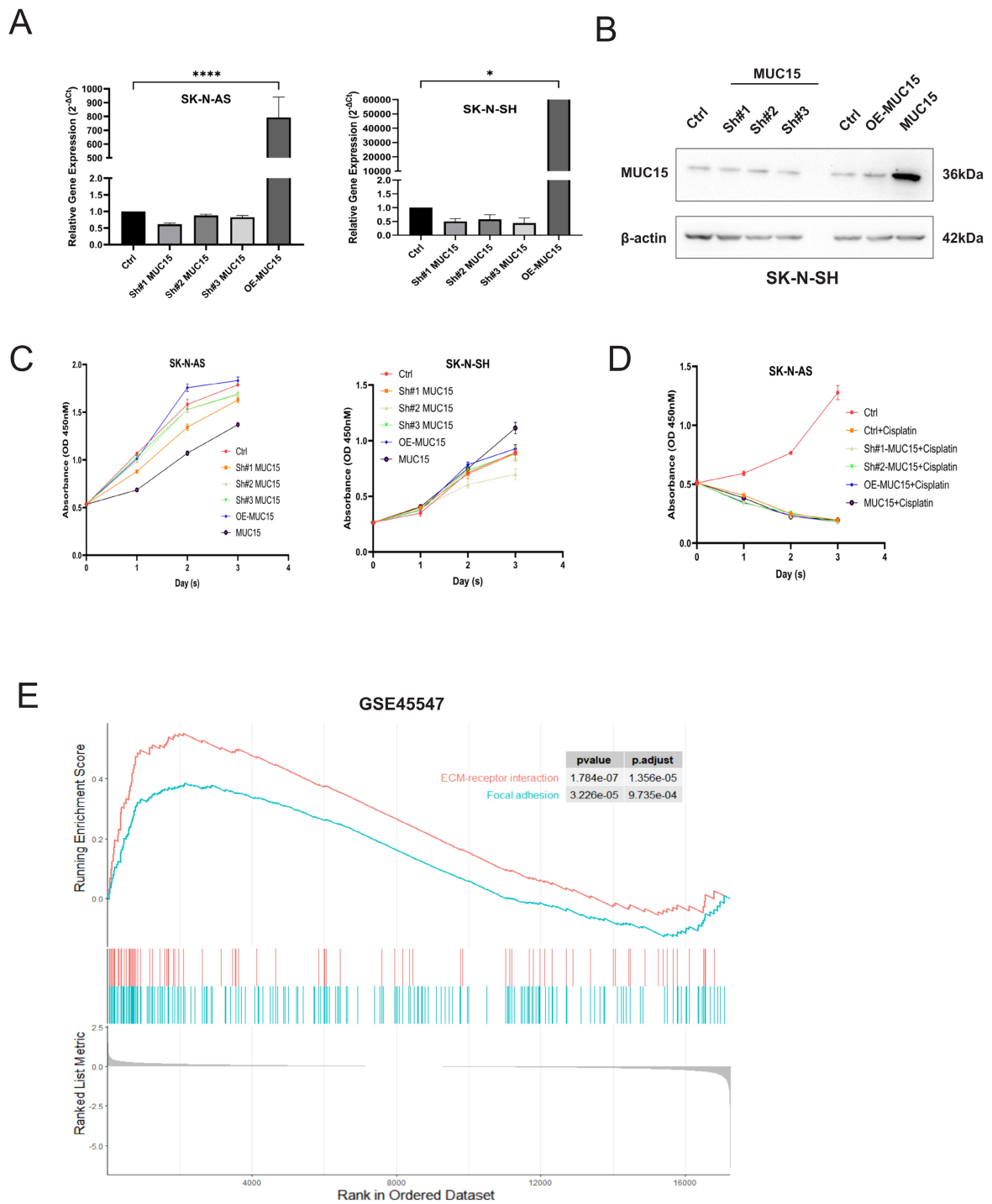


E



**Supplementary Figure 1. The prognostic prediction of the 8-mucins signature model. A.** The correlation network of mucin family genes. The correlation coefficients were represented by different colors. **B-D** The

distribution and median value of the risk scores, as well as t-SNE analysis in the GSE49710. **E.** Heatmap of expression of 19 genes for mucin family genes.



**Supplementary Figure 2. The effects of MUC15 on NB cell lines. A.** RT-PCR results of knockdown and overexpression of MUC15 in NB cell lines. **B.** Western blotting results of knockdown and overexpression of MUC15. **C-D.**

Effects of knockdown and overexpression of MUC15 on cell proliferation and chemoresistance. **E.** GESA analysis of migration-related pathways in GSE45547