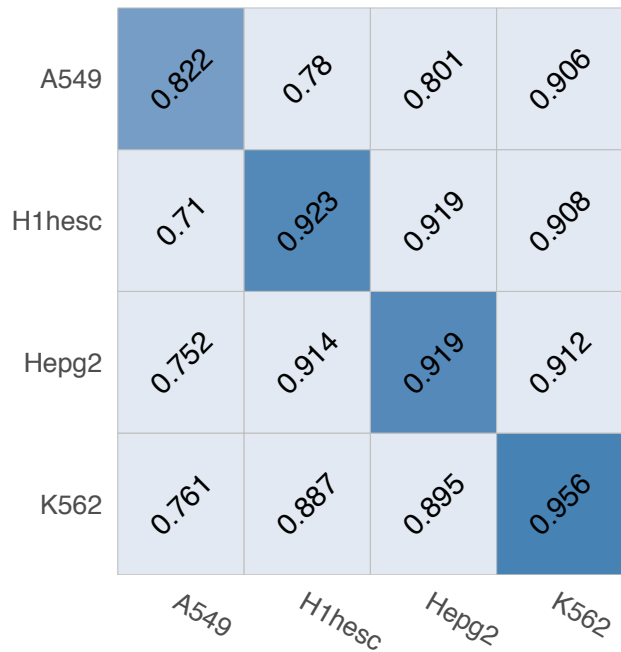
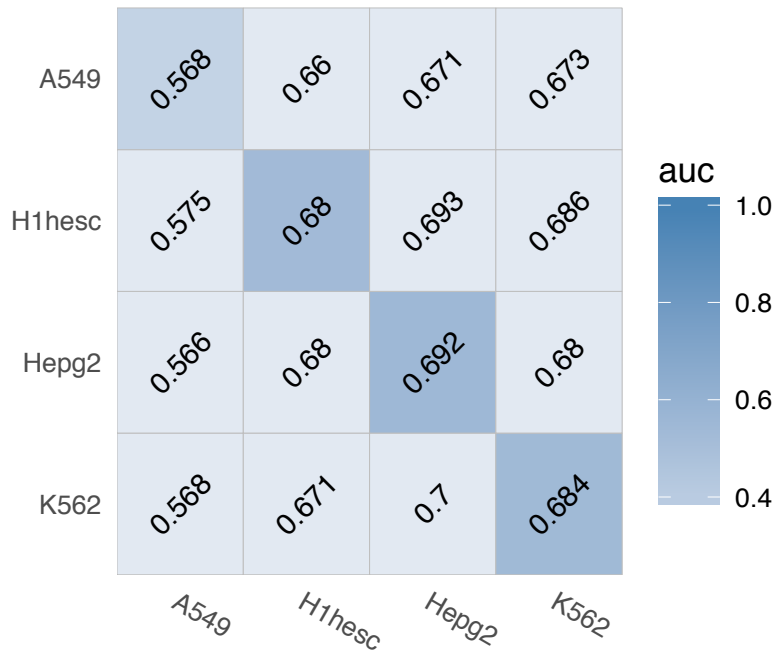


Figure S7. Cross-cell type performance matrix for Interaction and Noninteraction models. In each matrix, row represents the cell line used to build the model and column represents the cell line from which the test data is used. Diagonal elements are within cell type performance and only diagnol elements are colored according to the ROC-AUC to show the difference between *Interaction* and *Noninteraction* models.

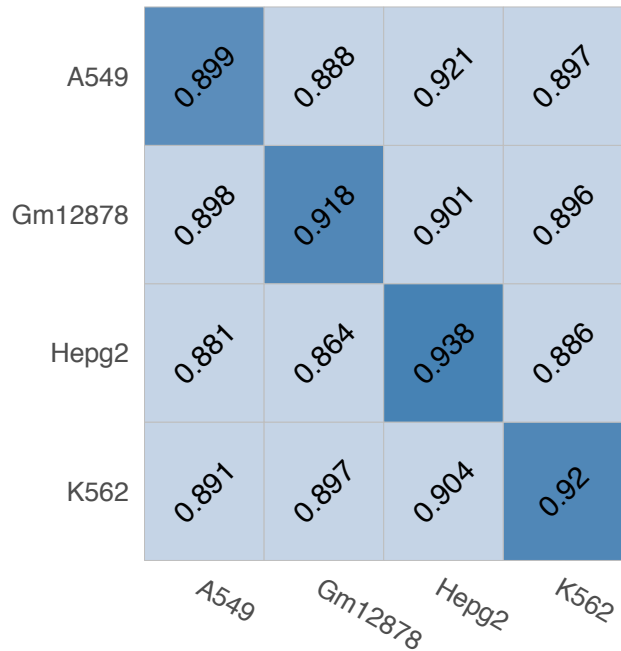
ATF3 (Interaction)



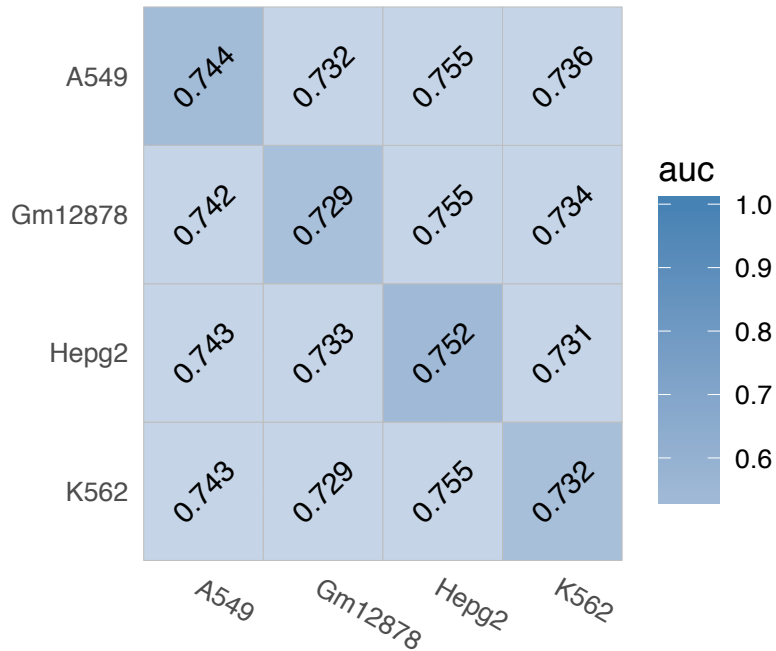
ATF3 (Non-interaction)



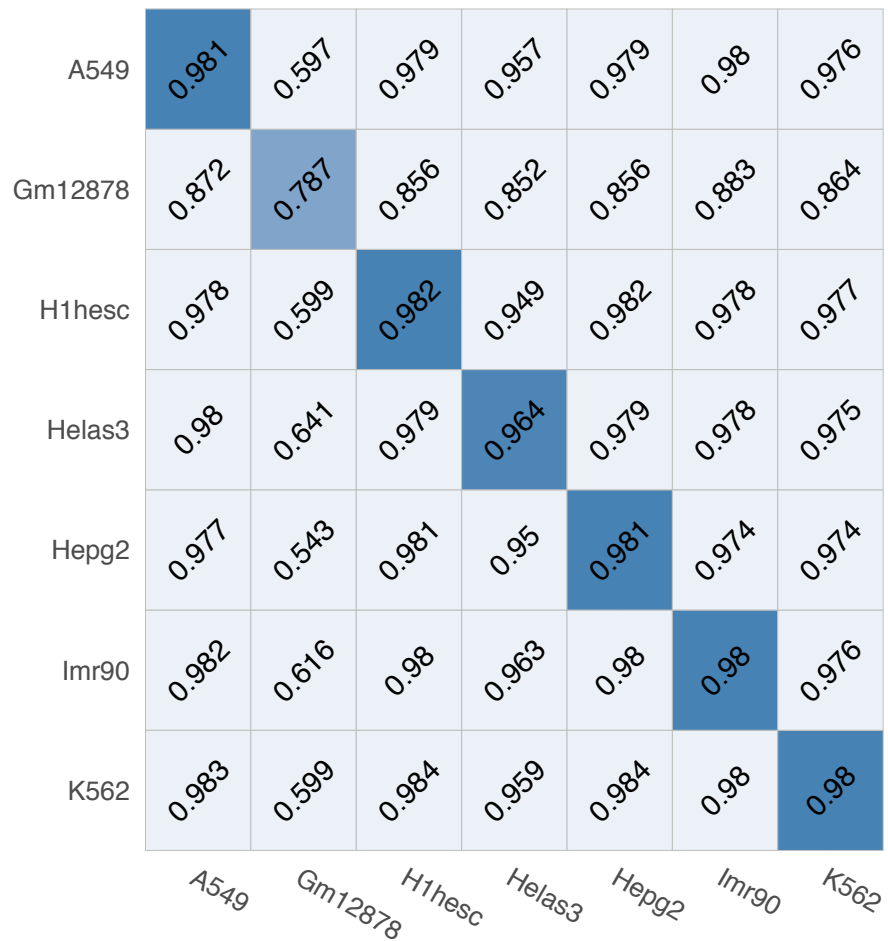
BHLHE40 (Interaction)



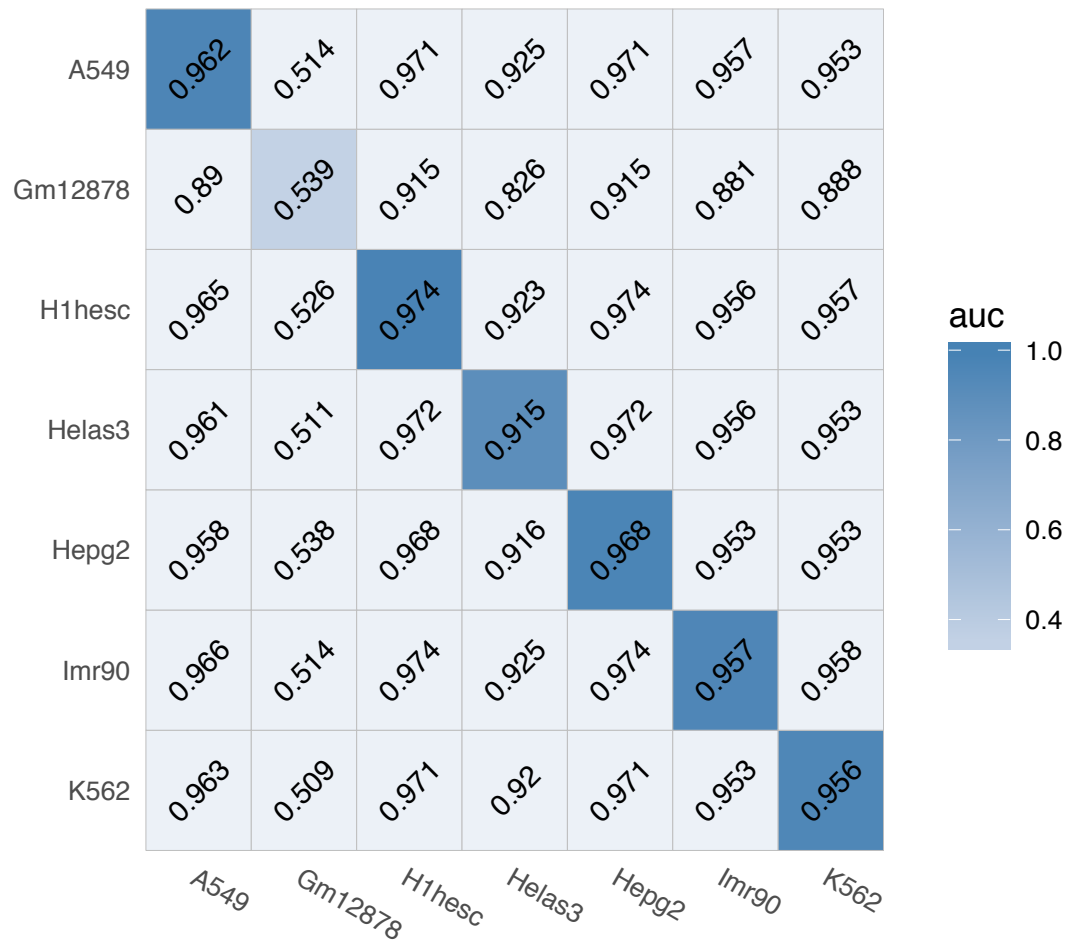
BHLHE40 (Non-interaction)



CEBPB (Interaction)



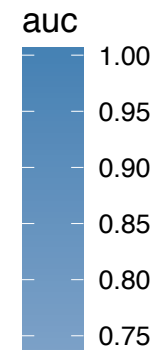
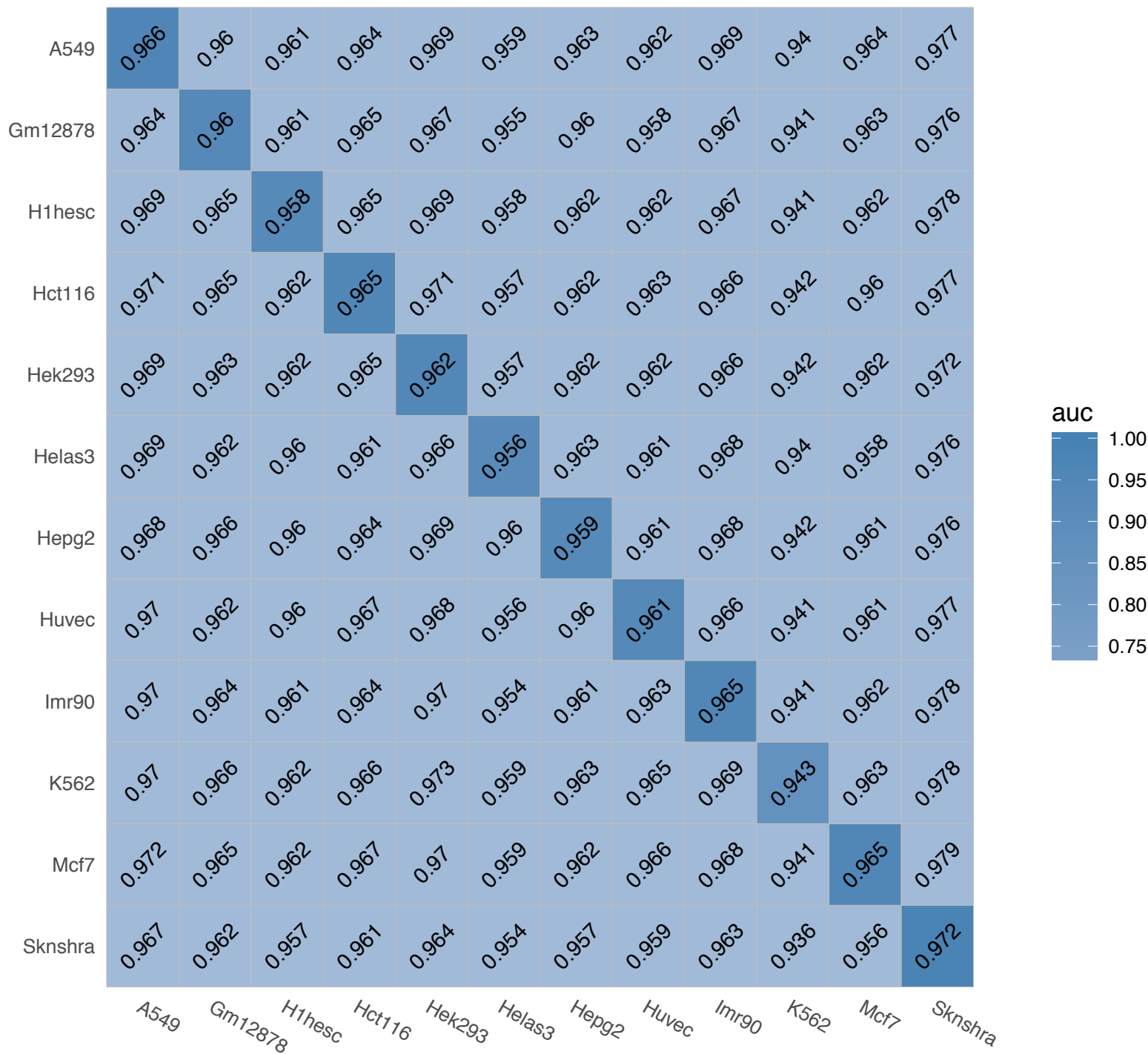
CEBPB (Non-interaction)



CTCF (Interaction)



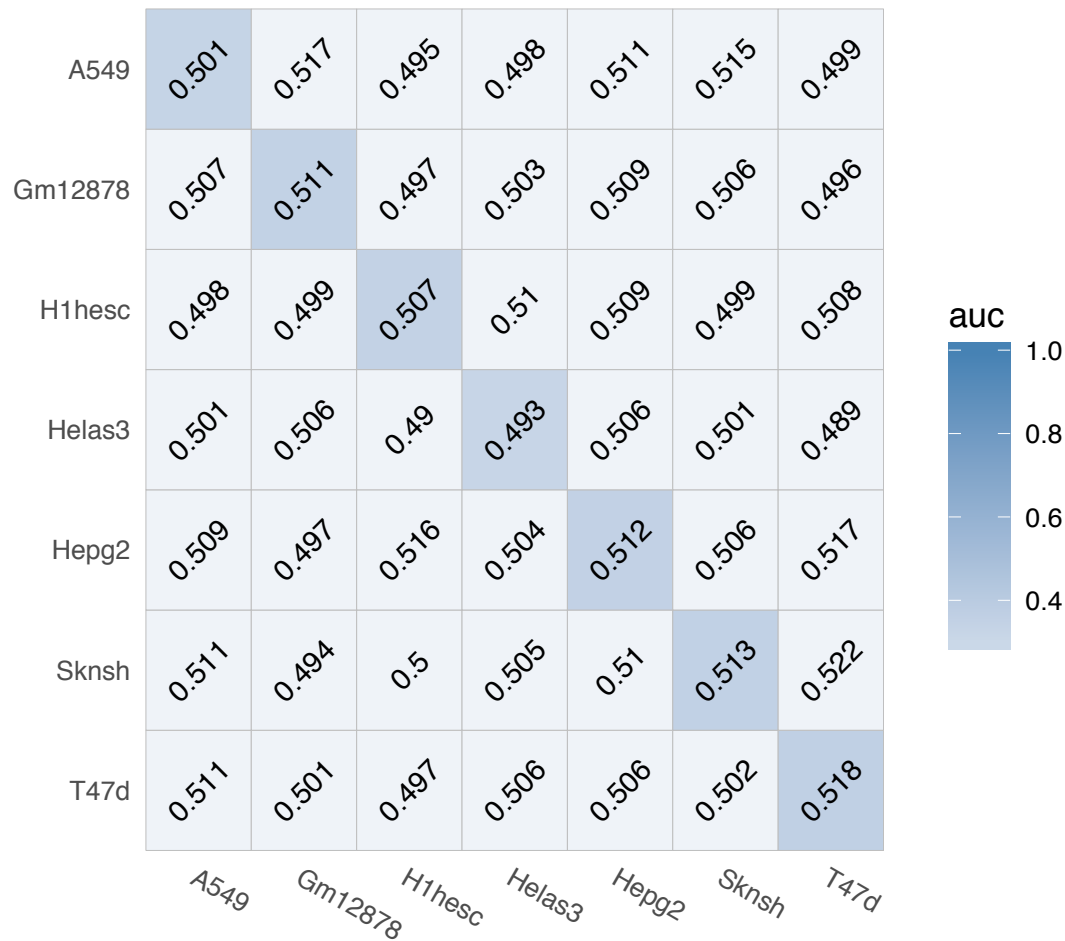
CTCF (Non-interaction)



EP300 (Interaction)



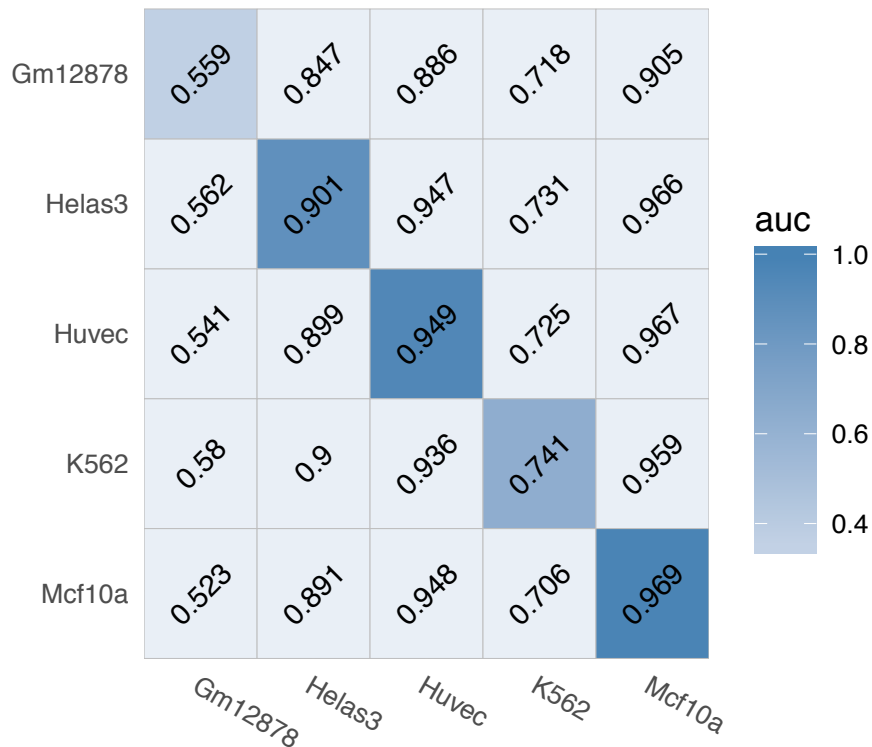
EP300 (Non-interaction)



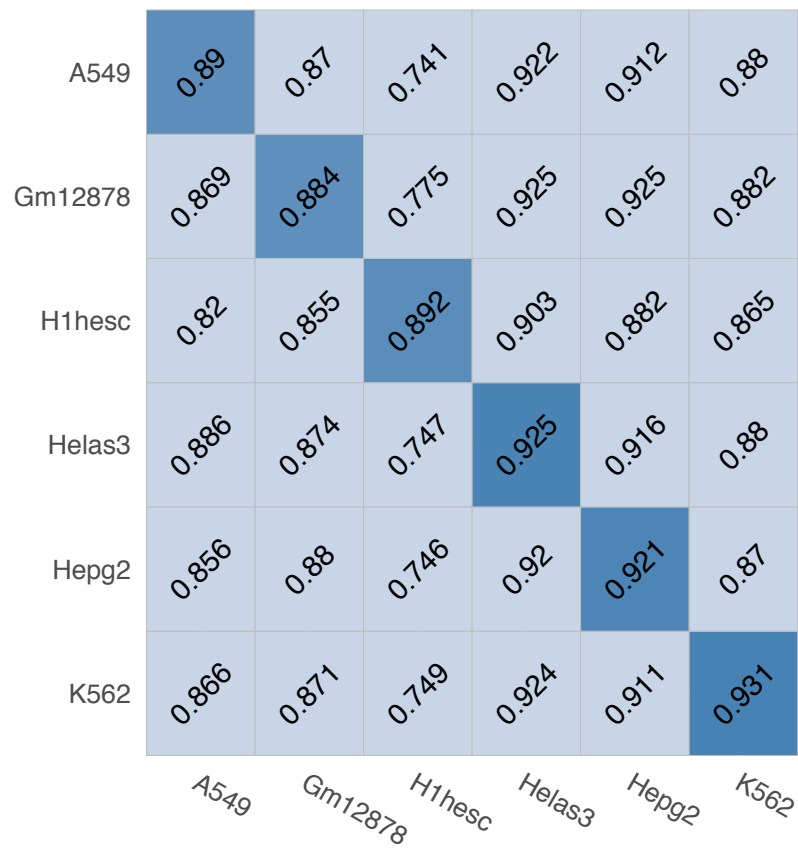
FOS (Interaction)



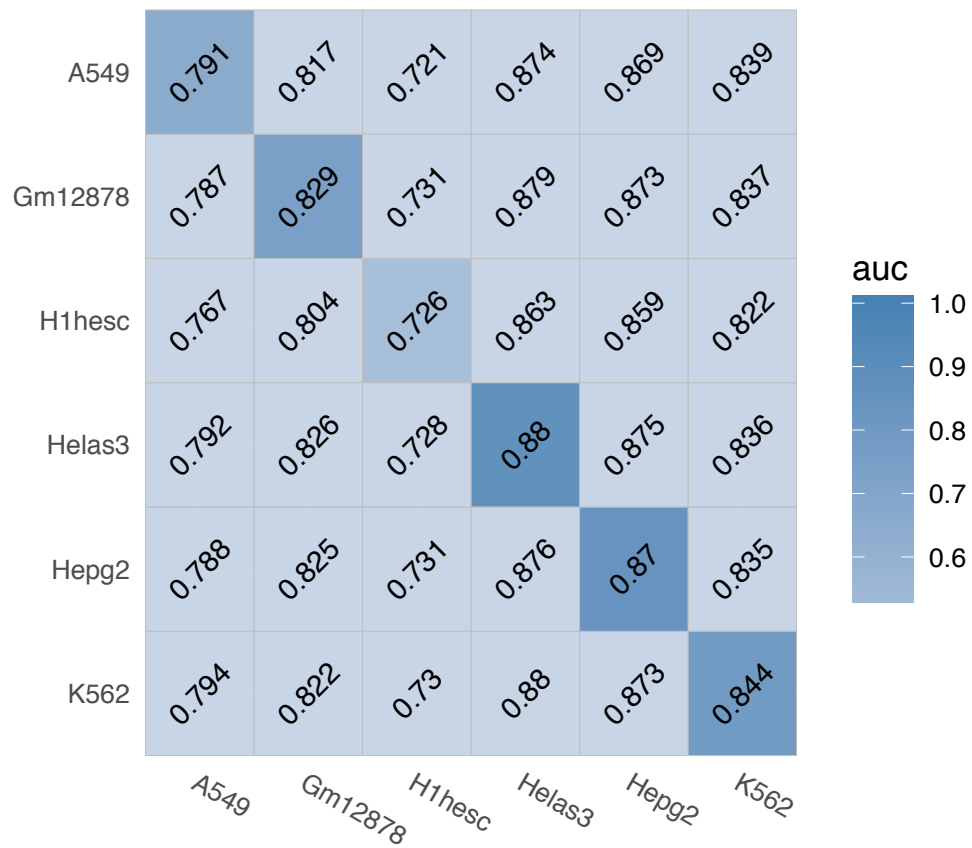
FOS (Non-interaction)



GABPA (Interaction)



GABPA (Non-interaction)



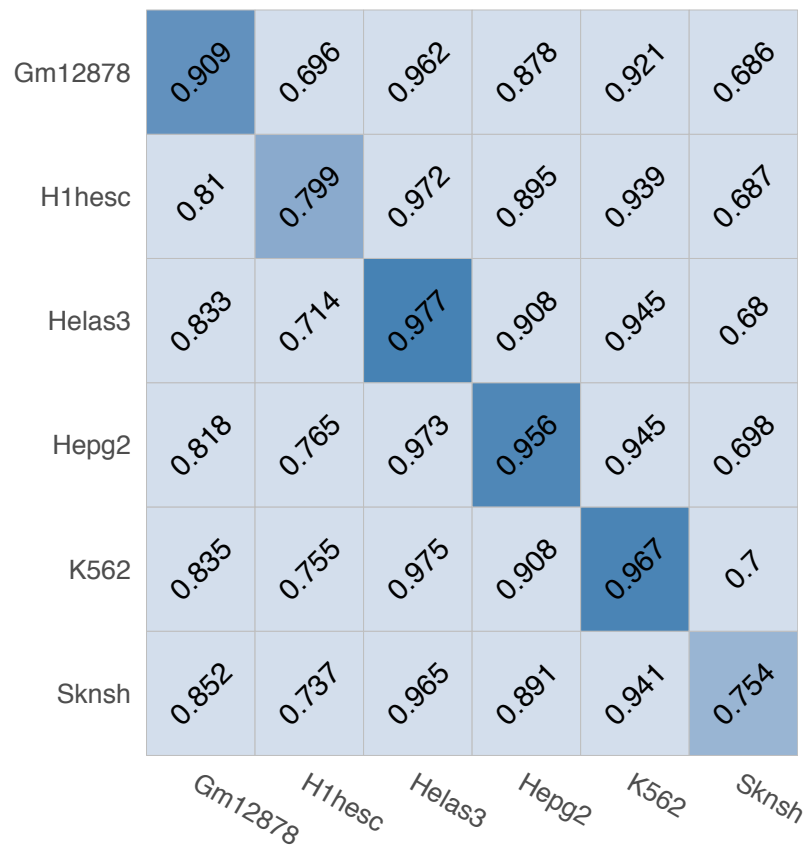
JUN (Interaction)



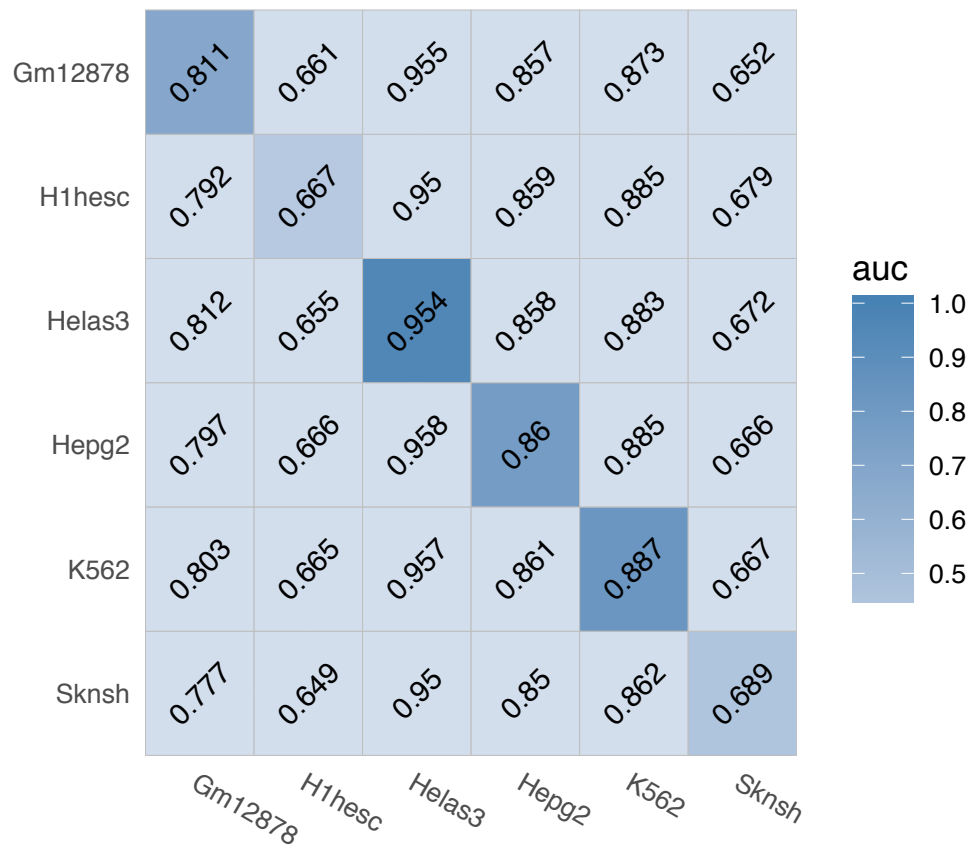
JUN (Non-interaction)



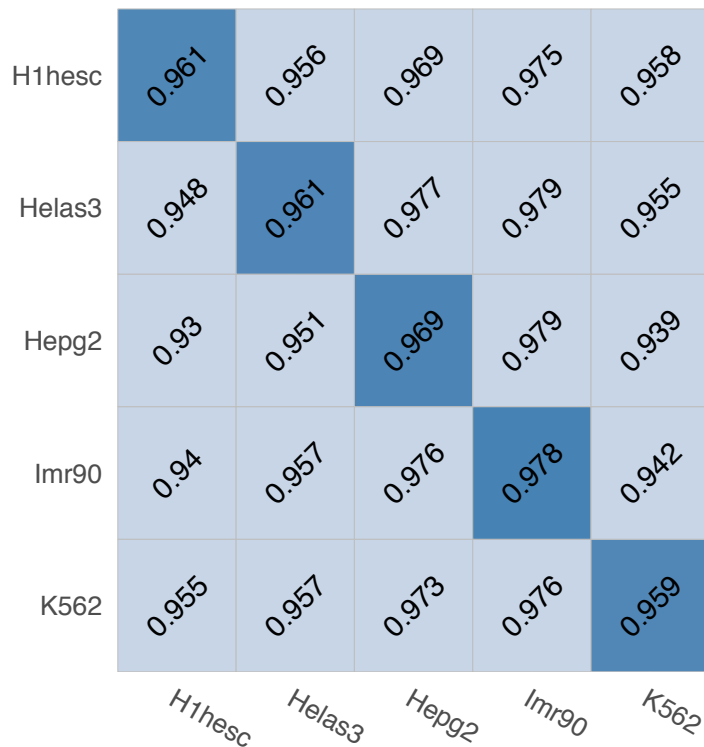
JUND (Interaction)



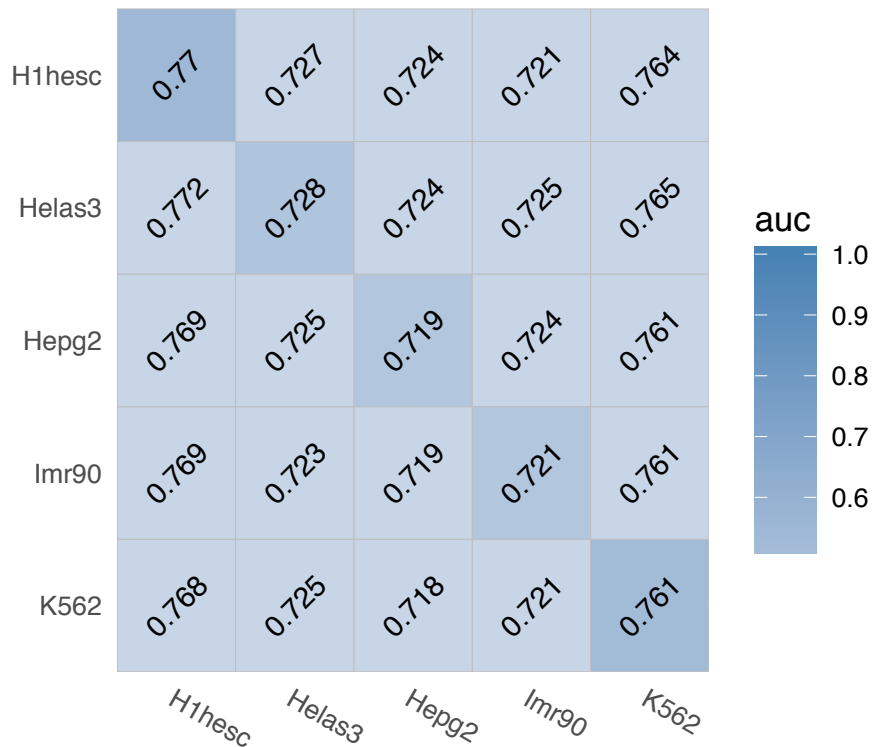
JUND (Non-interaction)



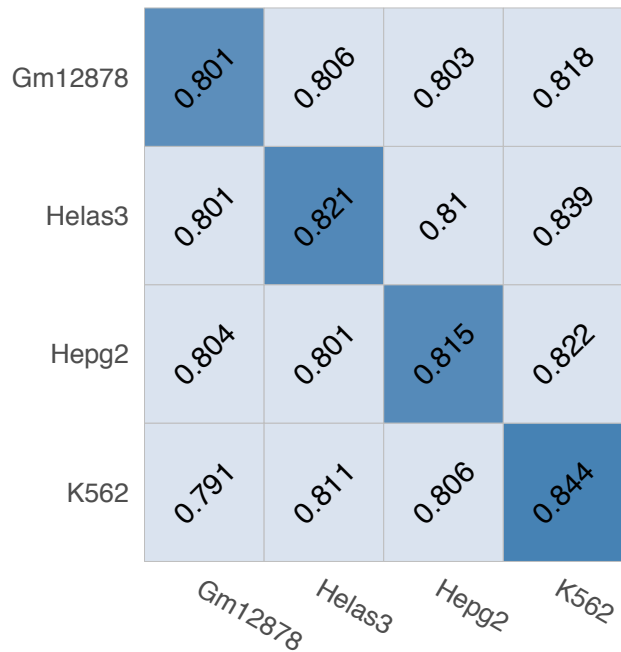
MAFK (Interaction)



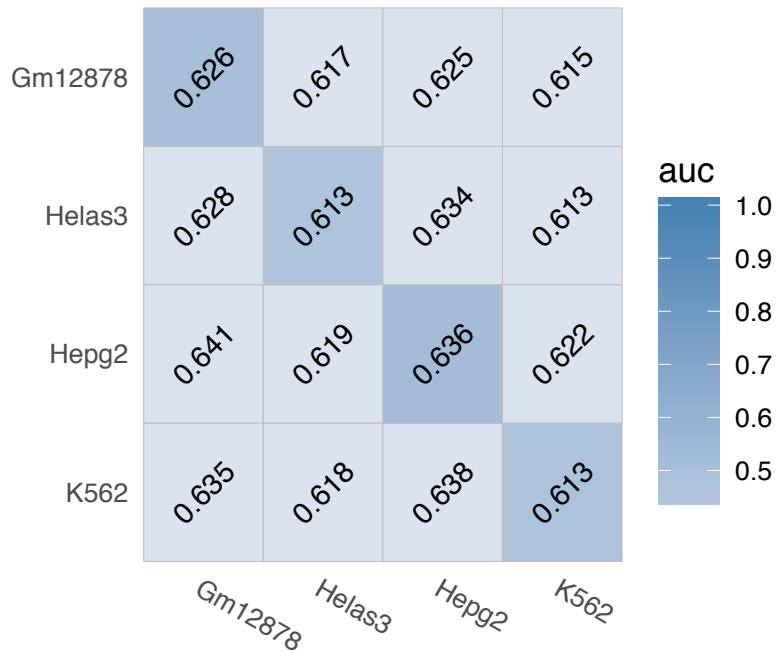
MAFK (Non-interaction)



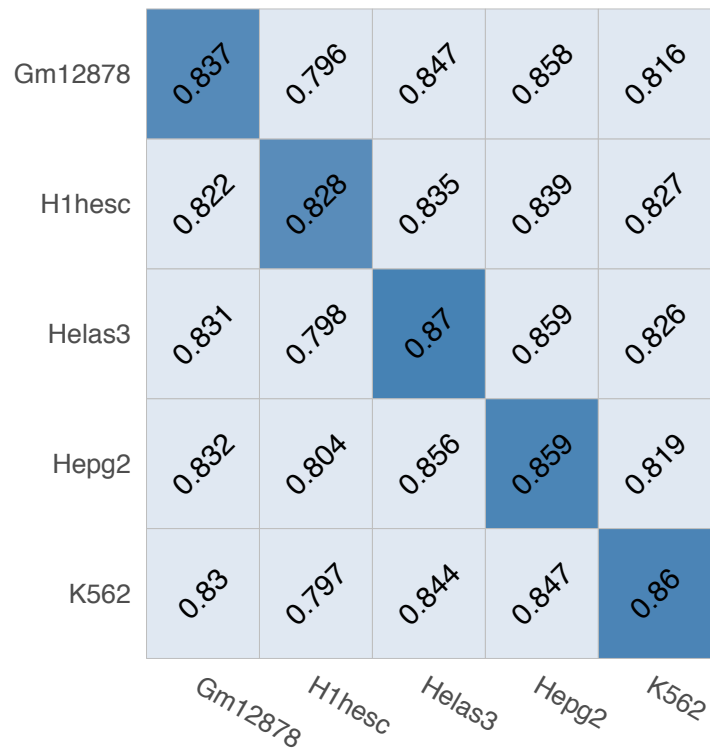
MAZ (Interaction)



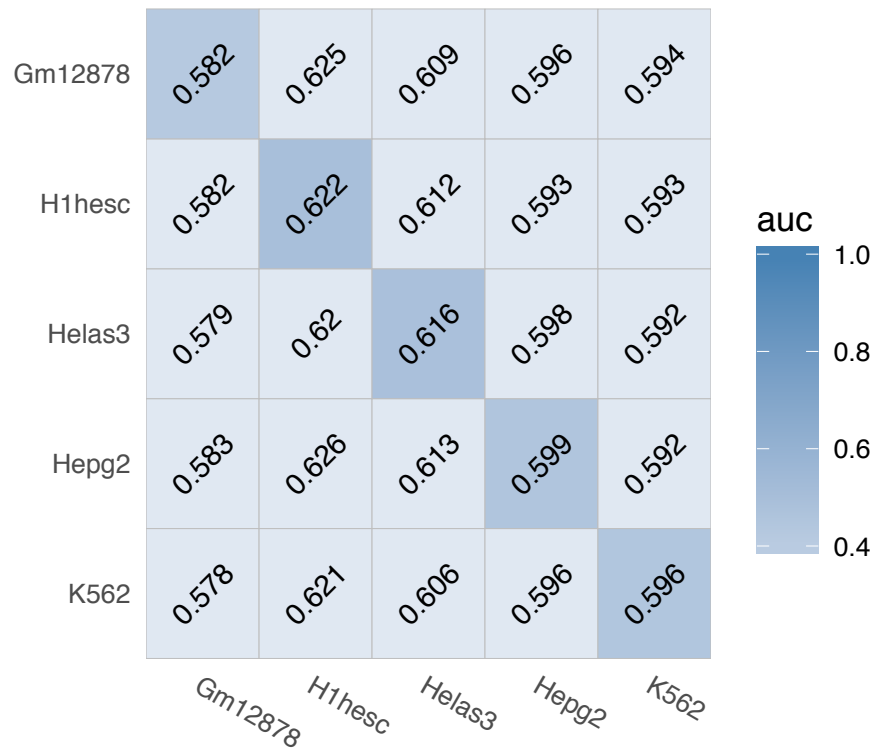
MAZ (Non-interaction)



MXI1 (Interaction)



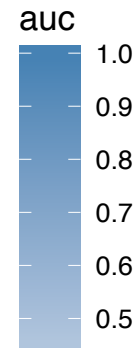
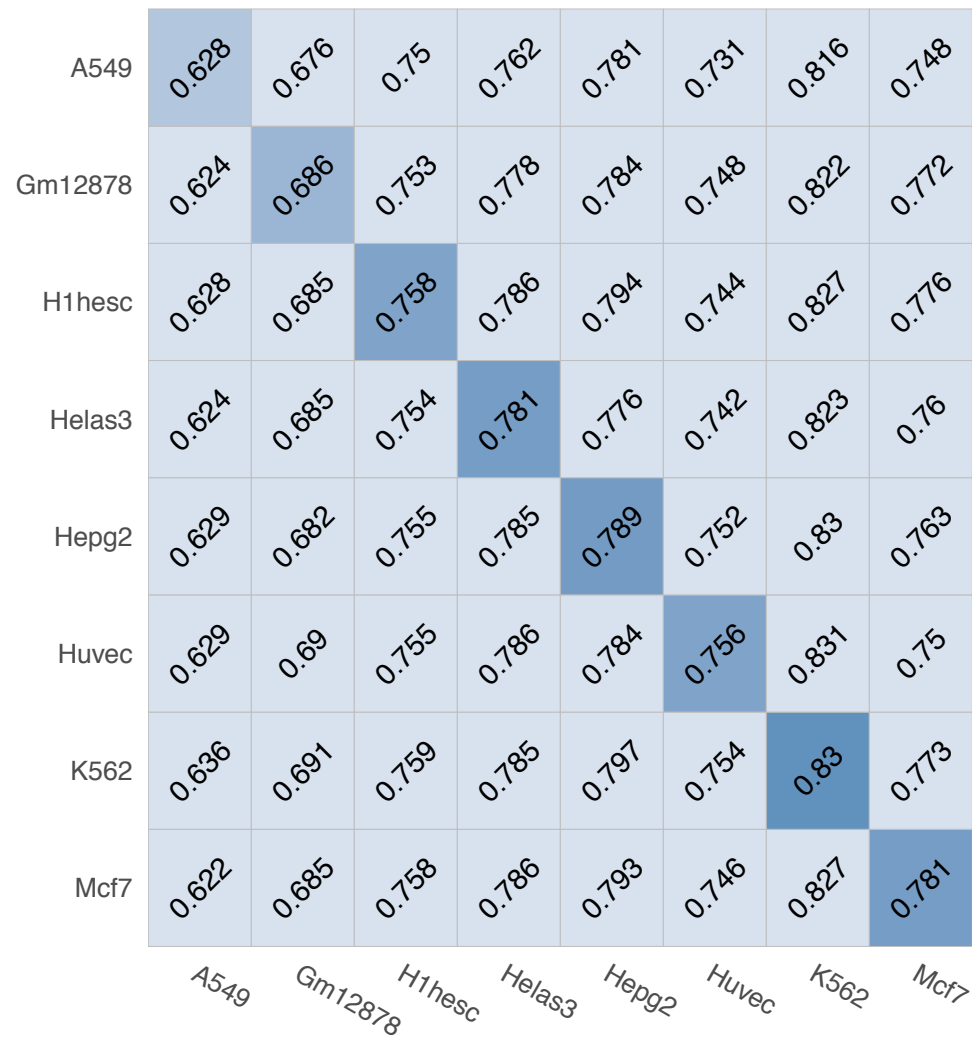
MXI1 (Non-interaction)



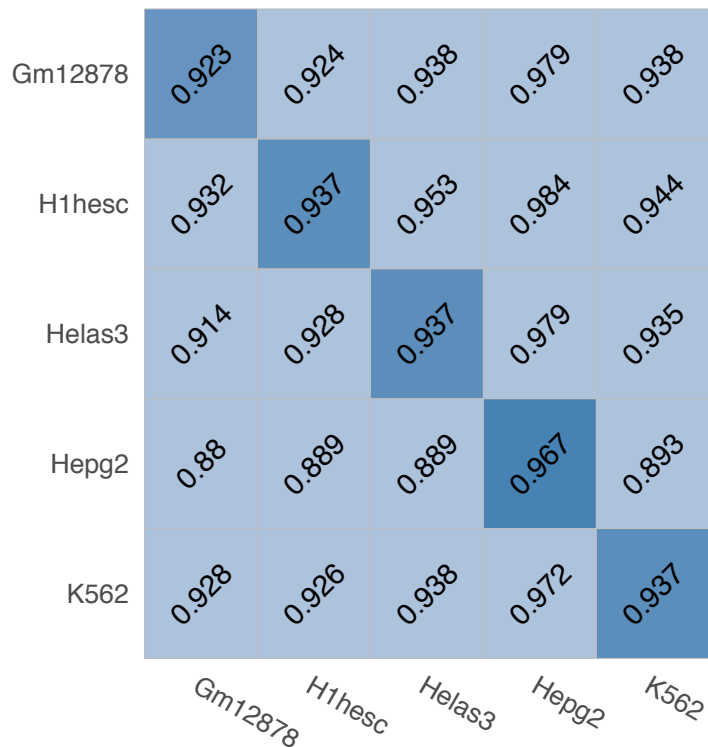
MYC (Interaction)



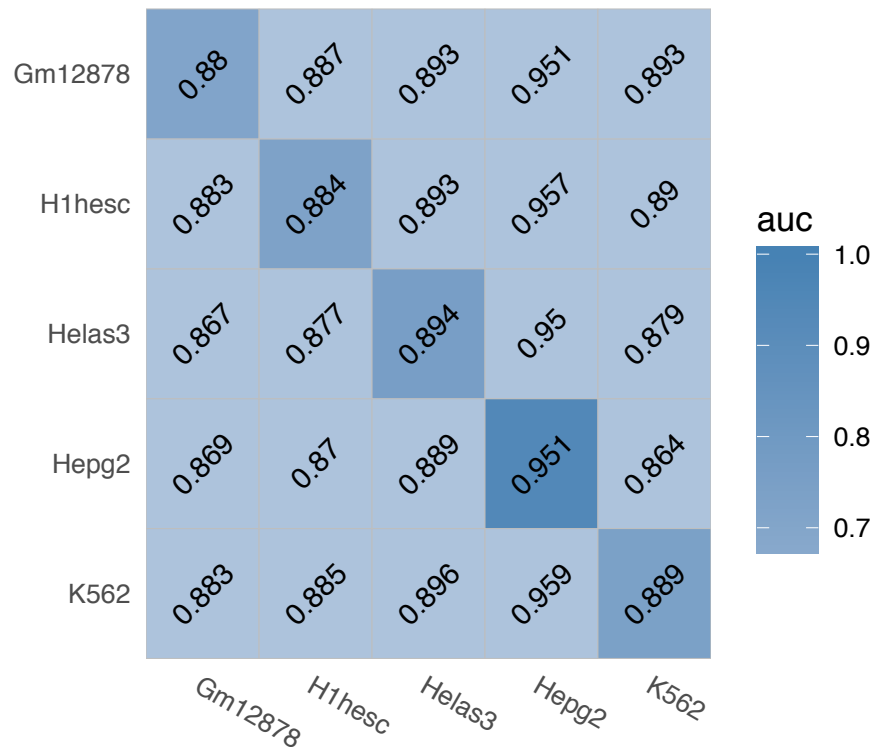
MYC (Non-interaction)

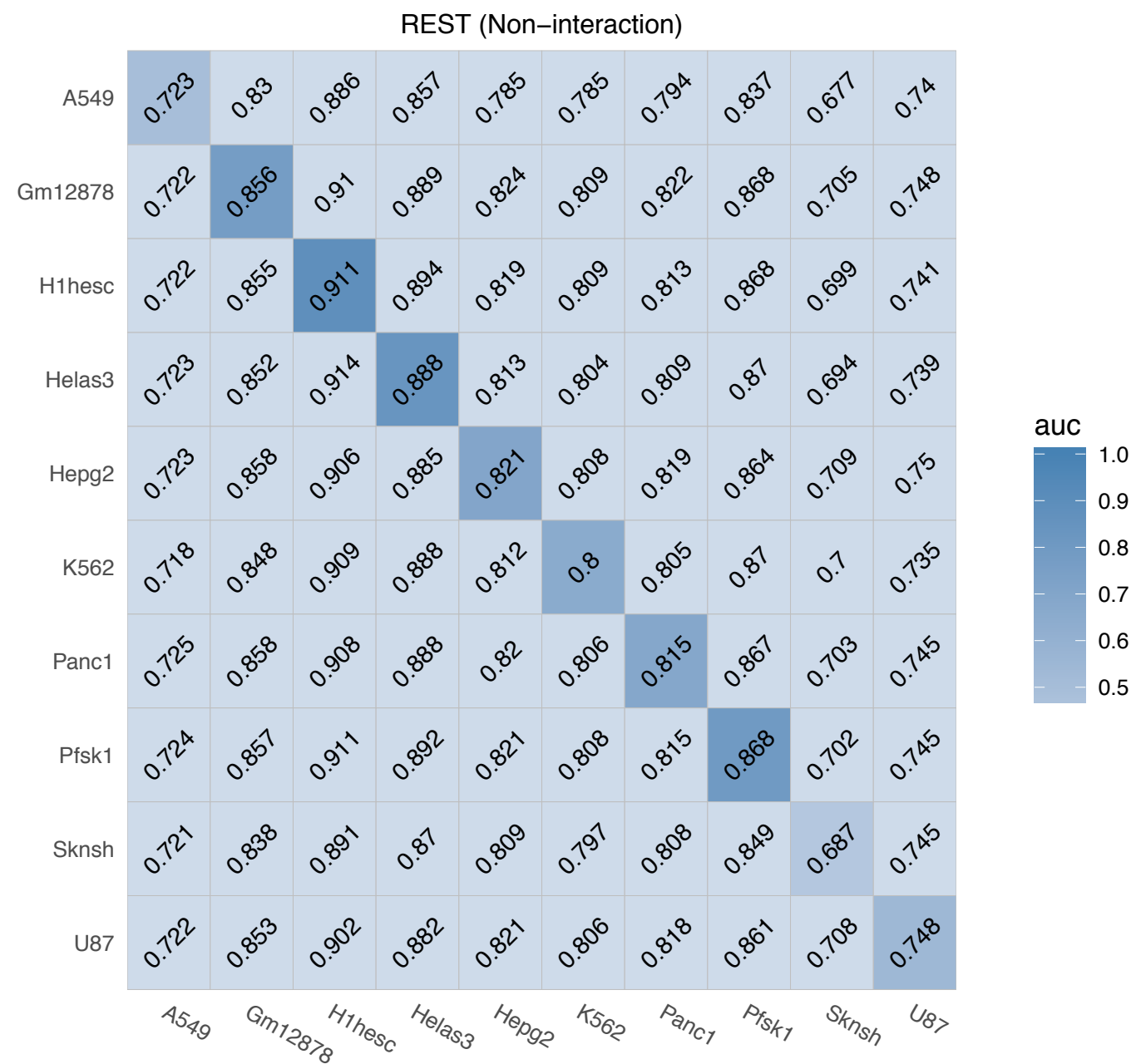
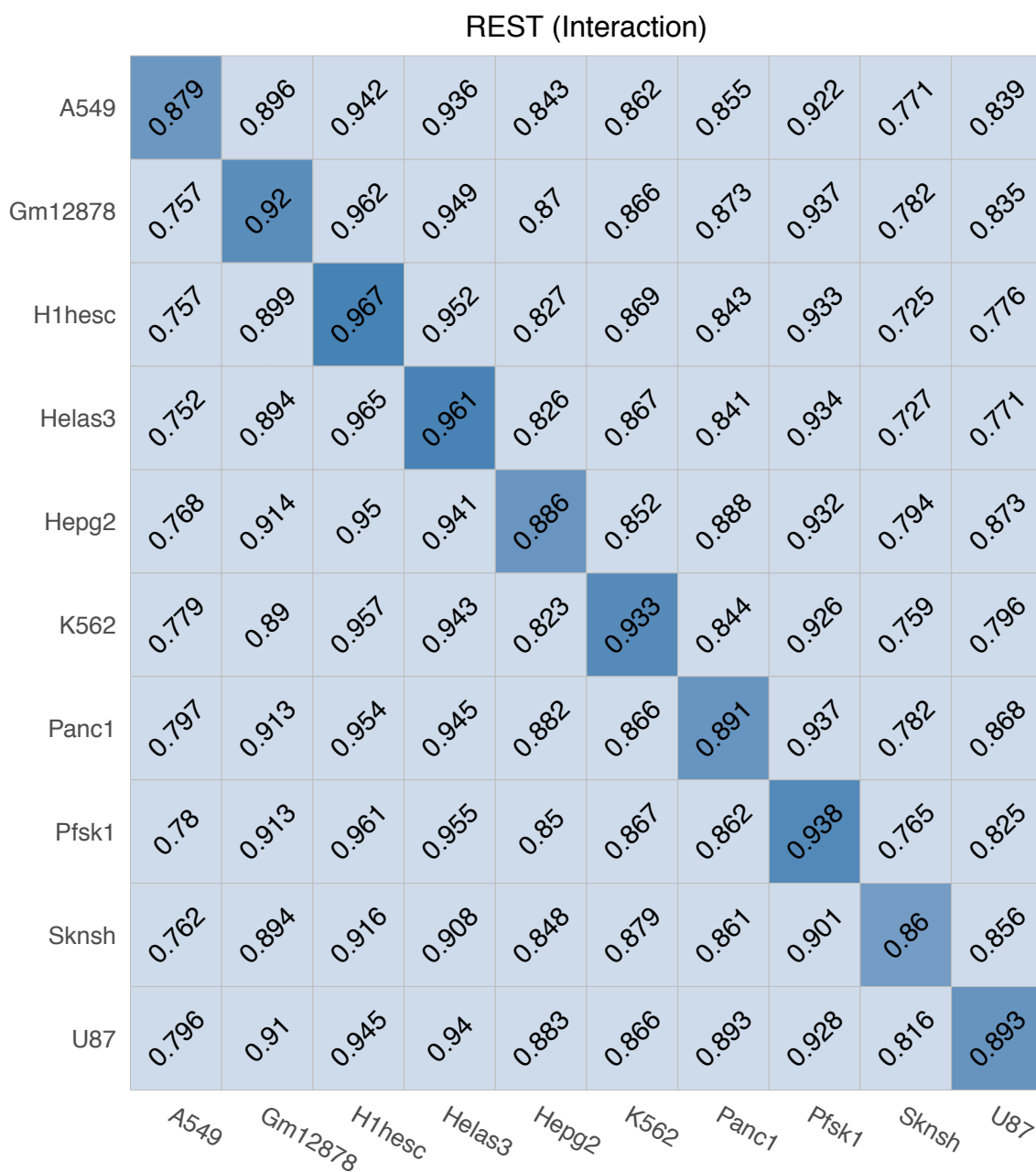


NRF1 (Interaction)

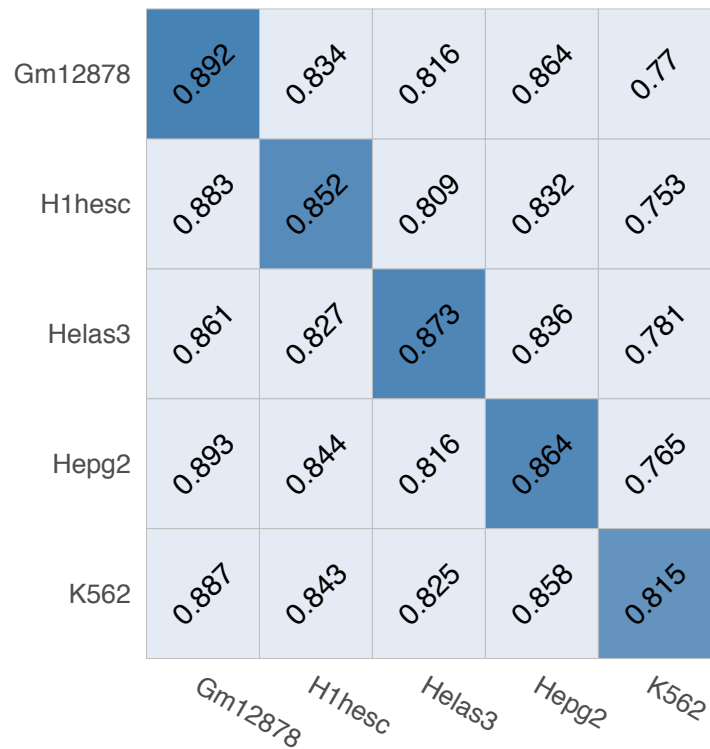


NRF1 (Non-interaction)

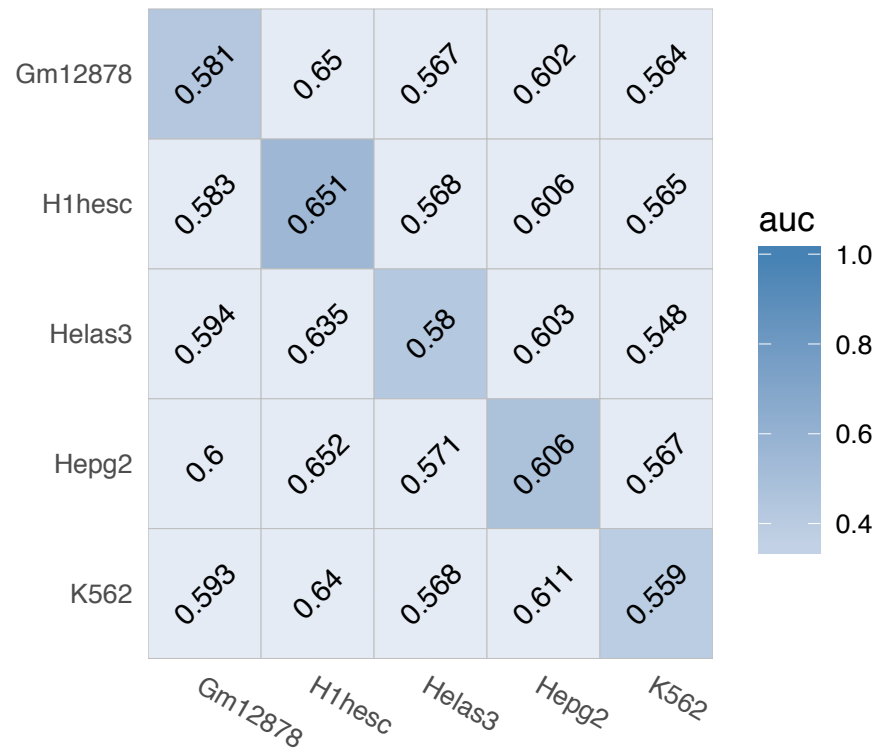




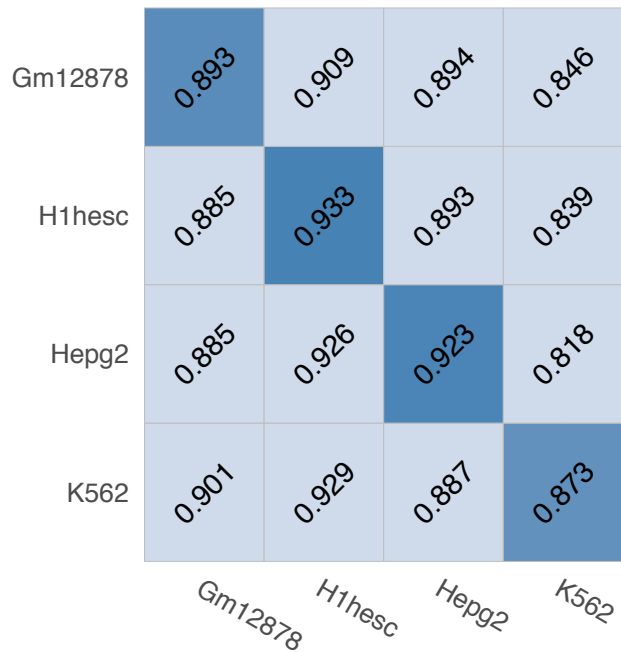
RFX5 (Interaction)



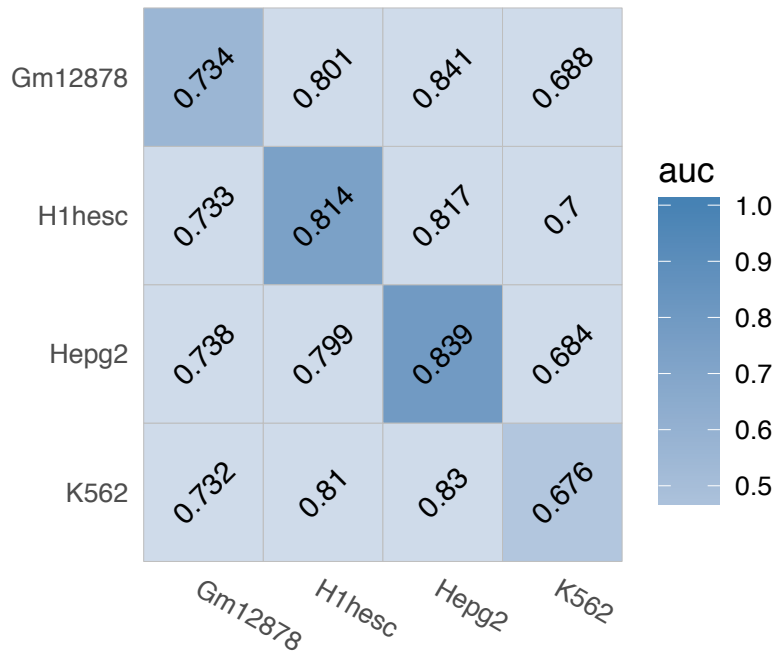
RFX5 (Non-interaction)



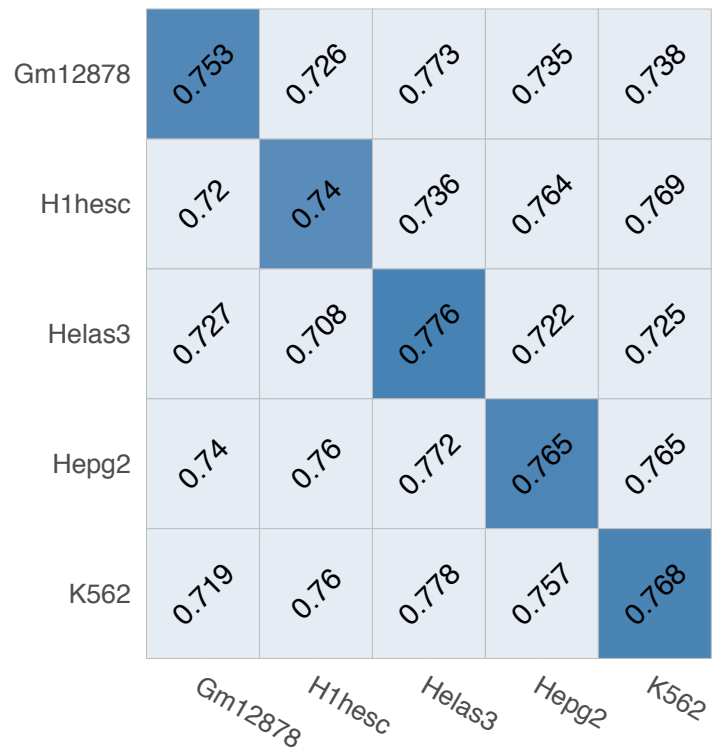
SRF (Interaction)



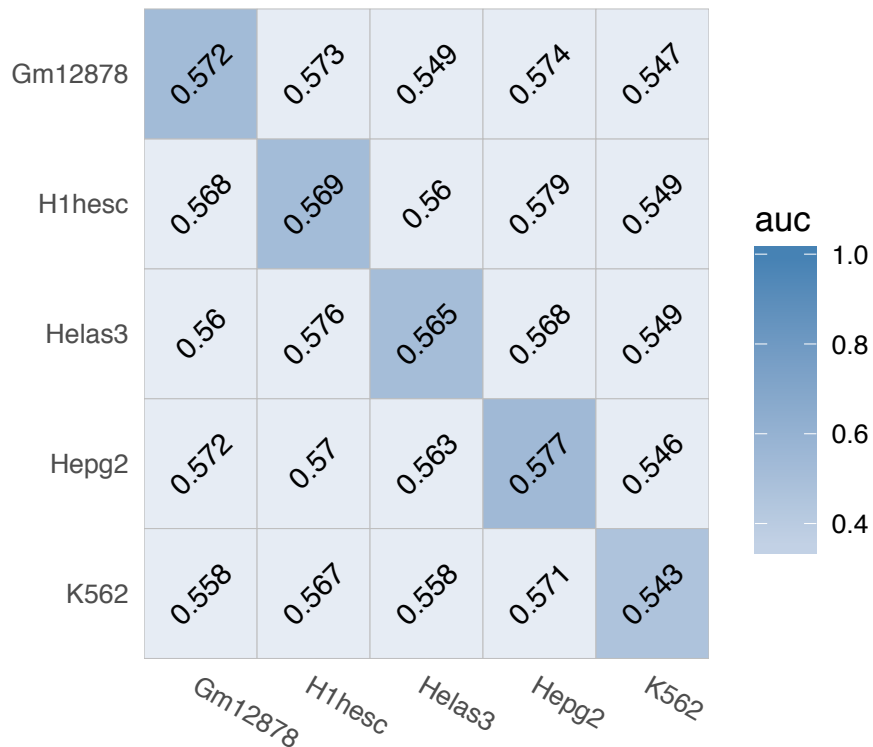
SRF (Non-interaction)



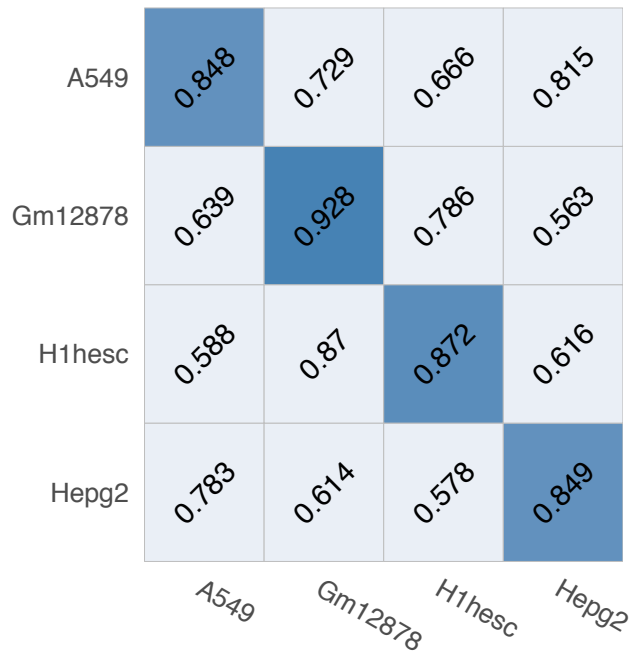
TBP (Interaction)



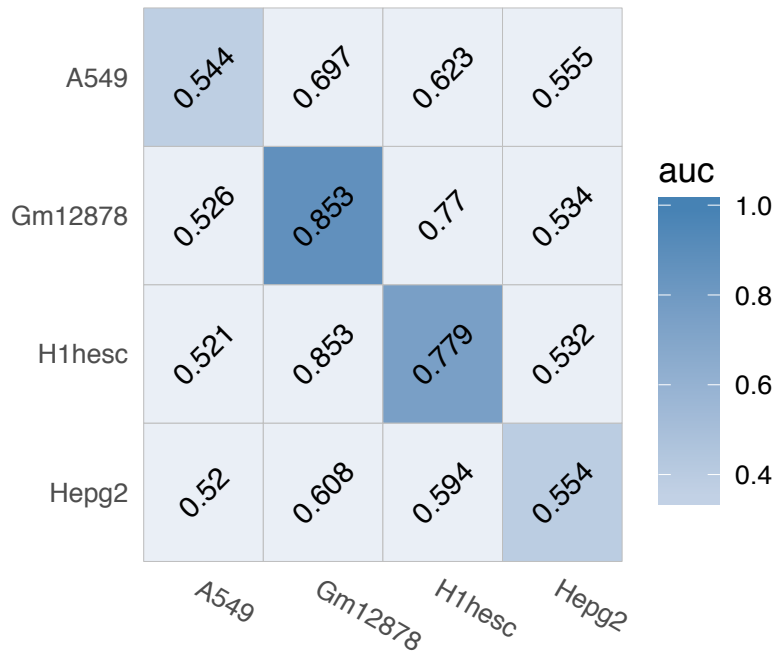
TBP (Non-interaction)



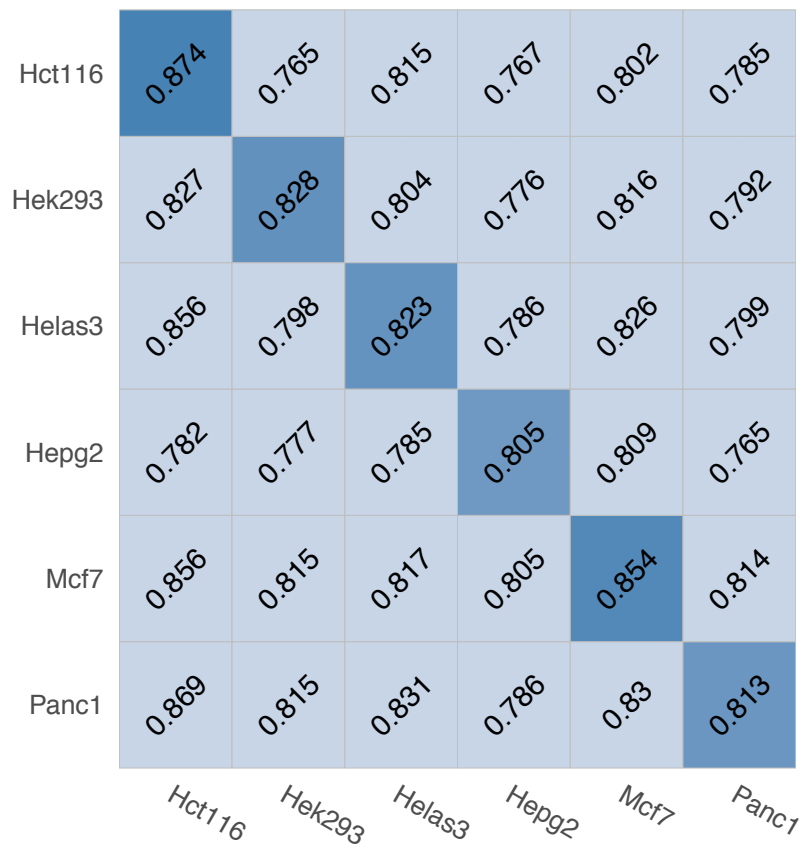
TCF12 (Interaction)



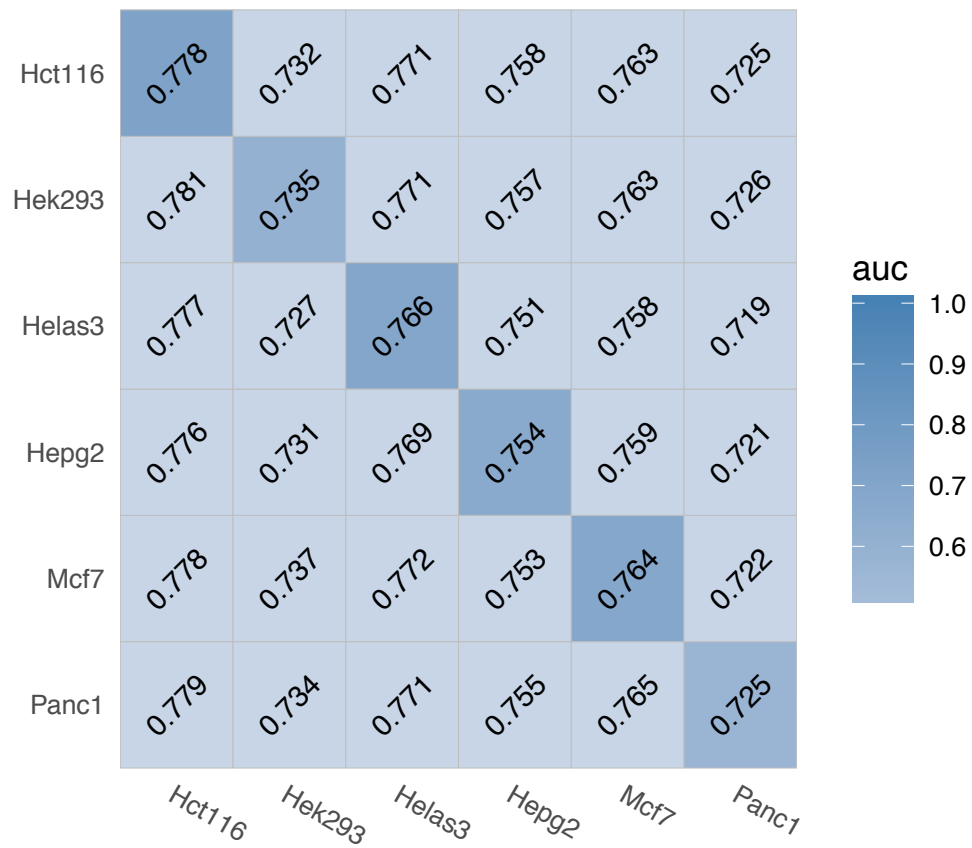
TCF12 (Non-interaction)



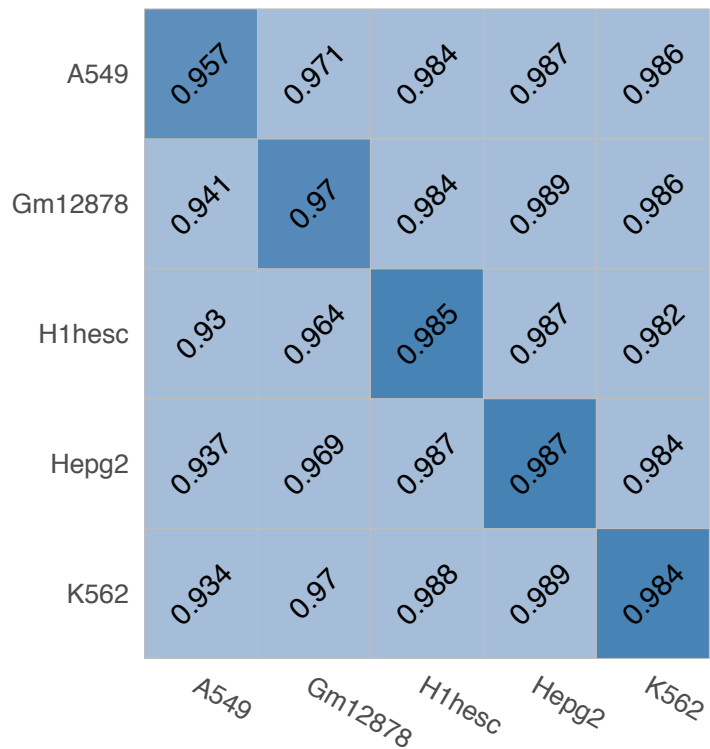
TCF7L2 (Interaction)



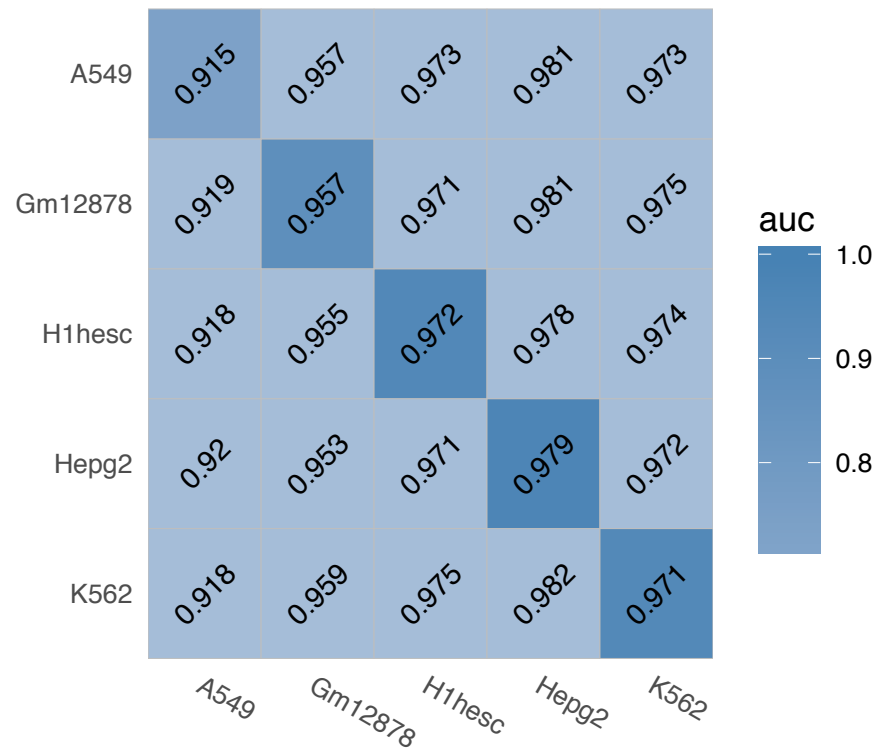
TCF7L2 (Non-interaction)



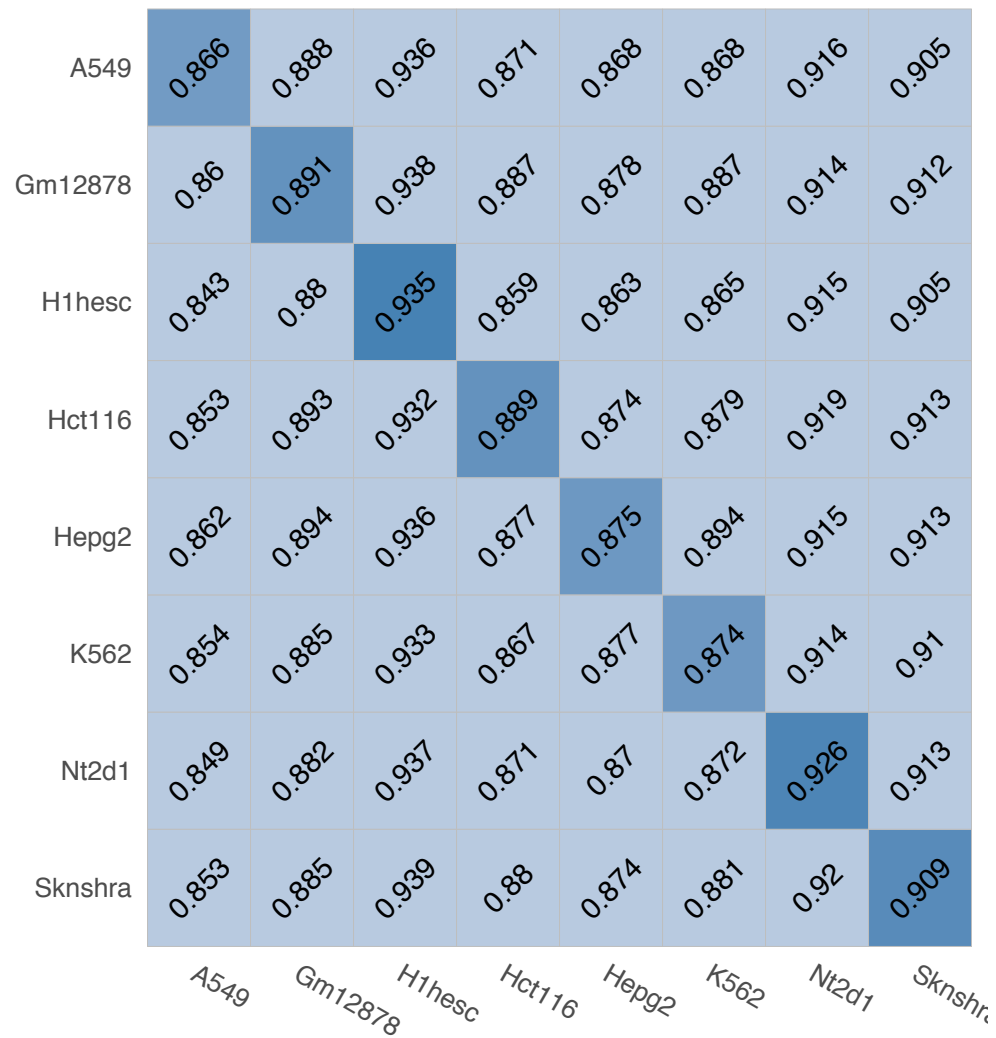
USF1 (Interaction)



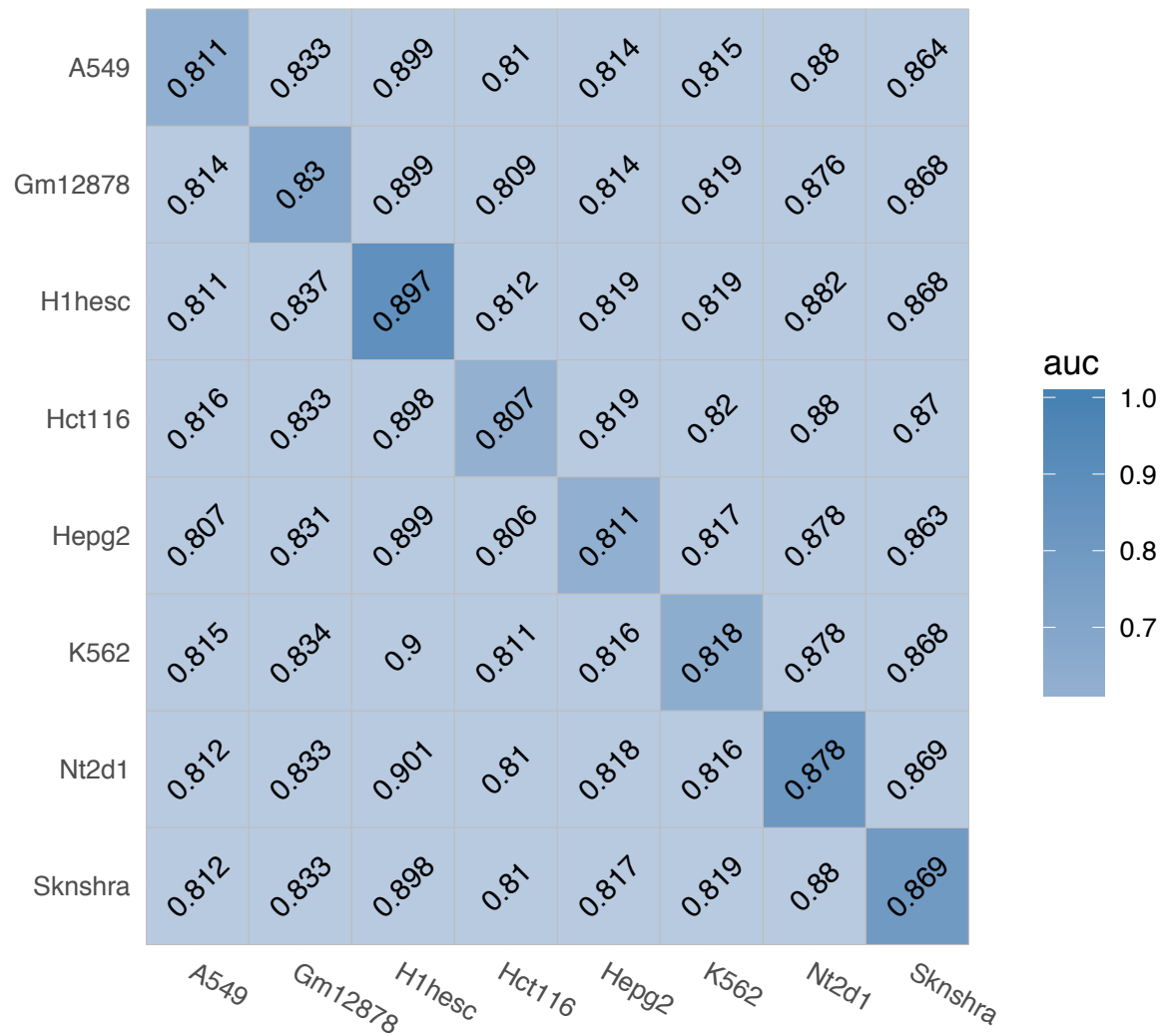
USF1 (Non-interaction)



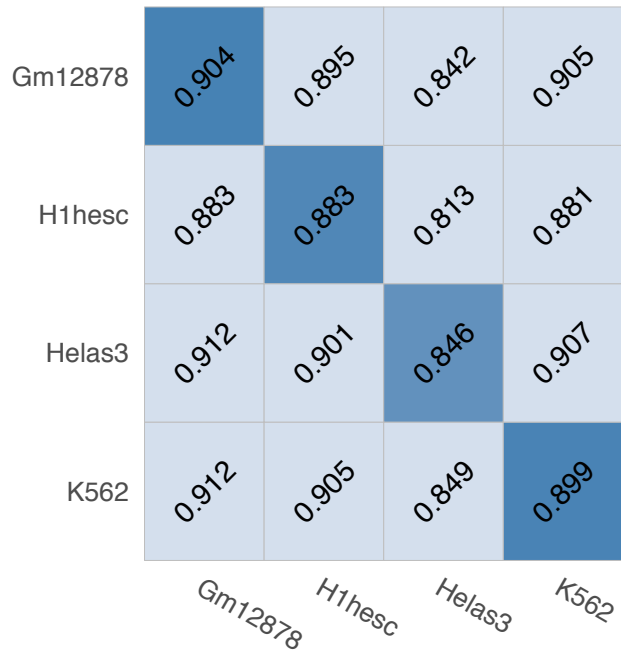
YY1 (Interaction)



YY1 (Non-interaction)



ZNF143 (Interaction)



ZNF143 (Non-interaction)

