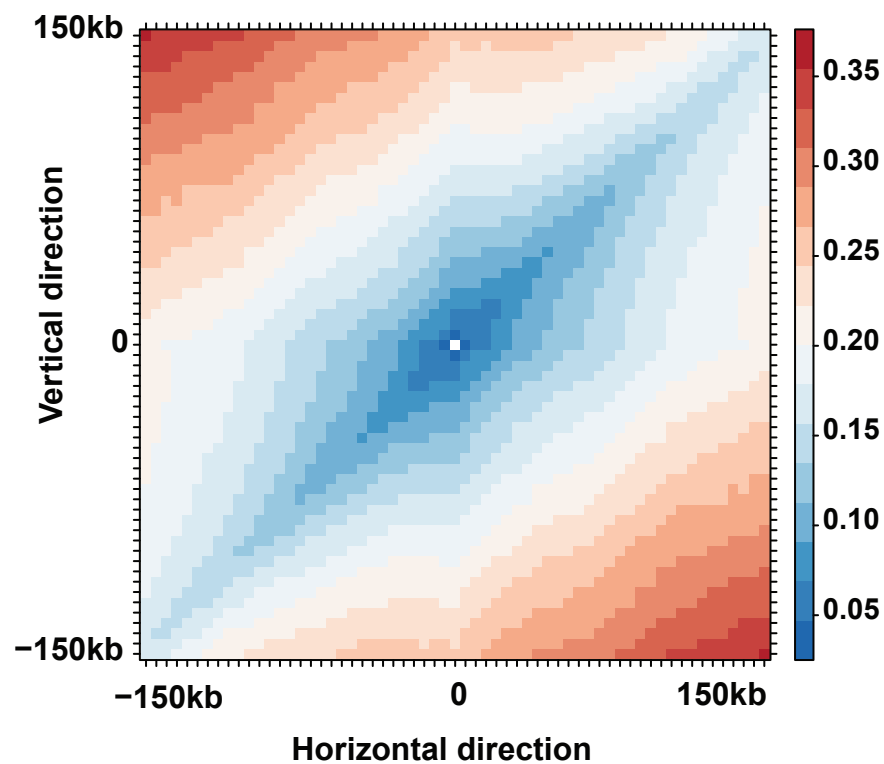
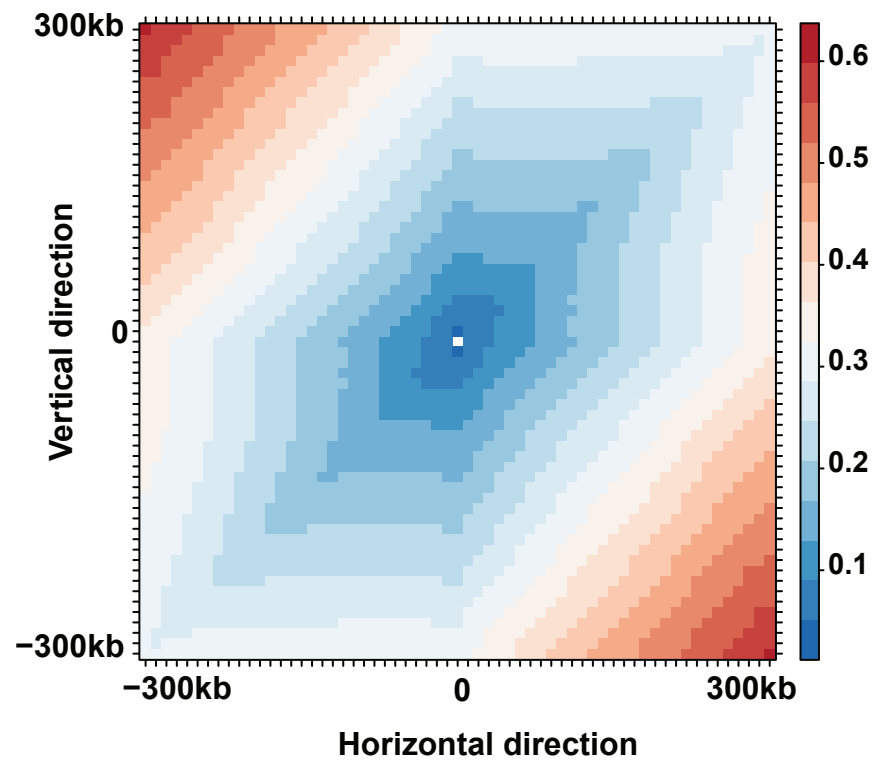


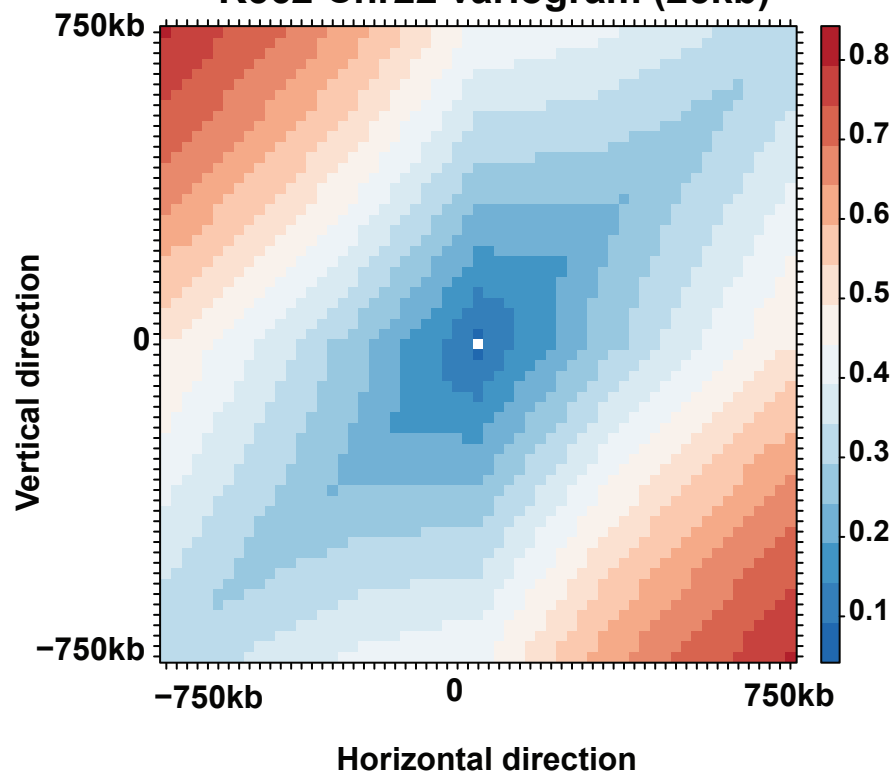
K562 Chr22 variogram (5kb)



K562 Chr22 variogram (10kb)



K562 Chr22 variogram (25kb)



K562 Chr22 variogram (50kb)

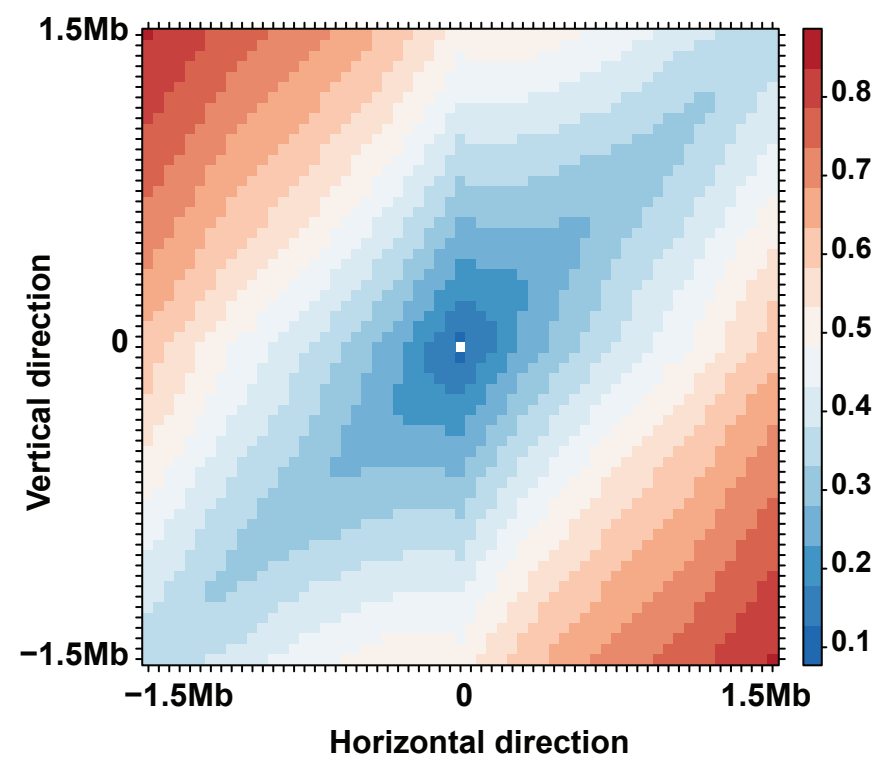


Figure S1: semi-variogram showing the directional variability between interaction bins separated by a certain horizontal and vertical distance at different resolutions in the K562 cell-line.