

Manhattan plot showing $-\log_{10}(p)$ values for 22 chromosomes. The y-axis ranges from 0 to 20. A red horizontal line is at approximately 5.8. Numerous genes are labeled, including SNX27, NUP210, SST, GSK3B, and many others. The plot shows a dense distribution of points across all chromosomes, with some points reaching up to 20 on the y-axis.