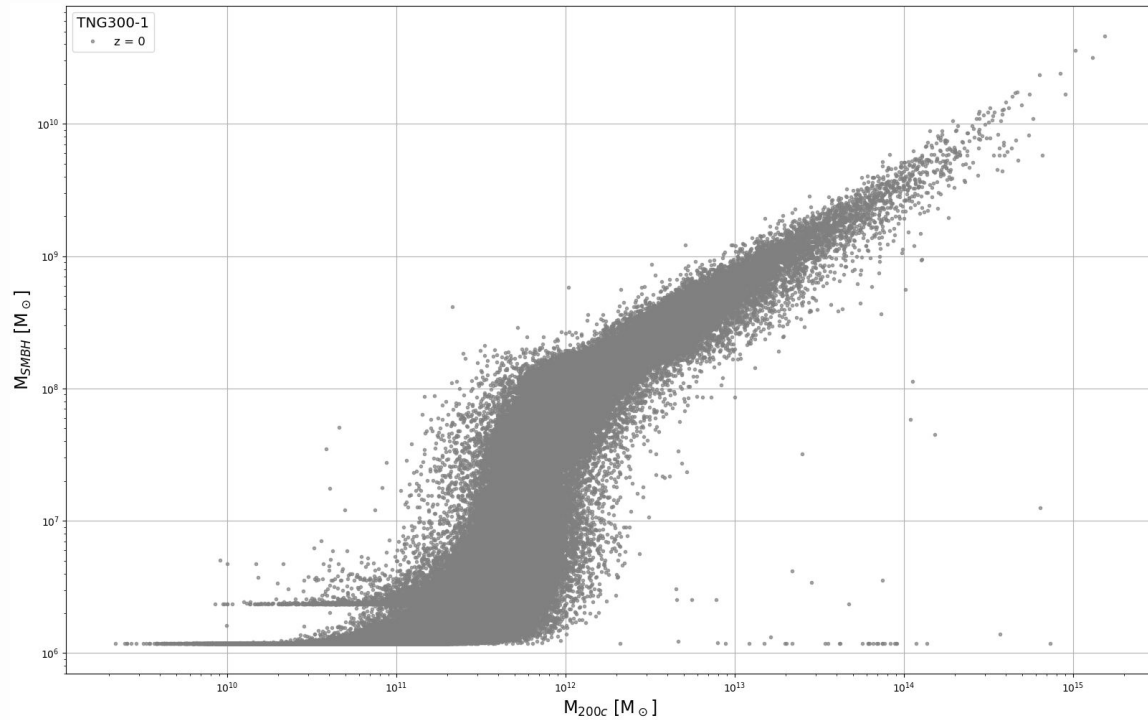


Scaling Relation between
 M_{SMBH} and M_{200c} for all the
central subhalos at $z = 0$



Evolutionary tracks of the 41 most massive clusters at $z = 0$ over the scaling relation ($z = 0, 2, 3, 6$ and 8)

