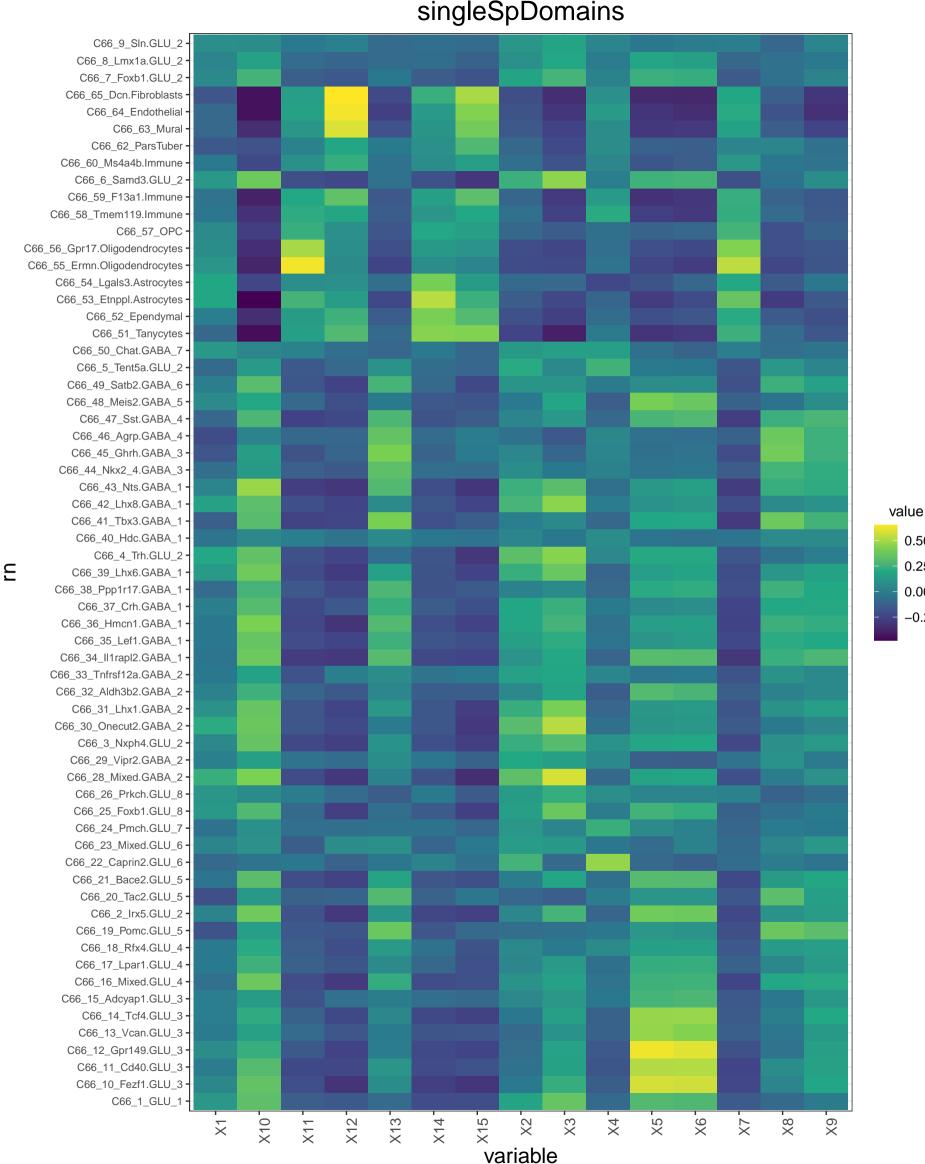ABA23 HYP hmap66 clusters to singleSpDomains