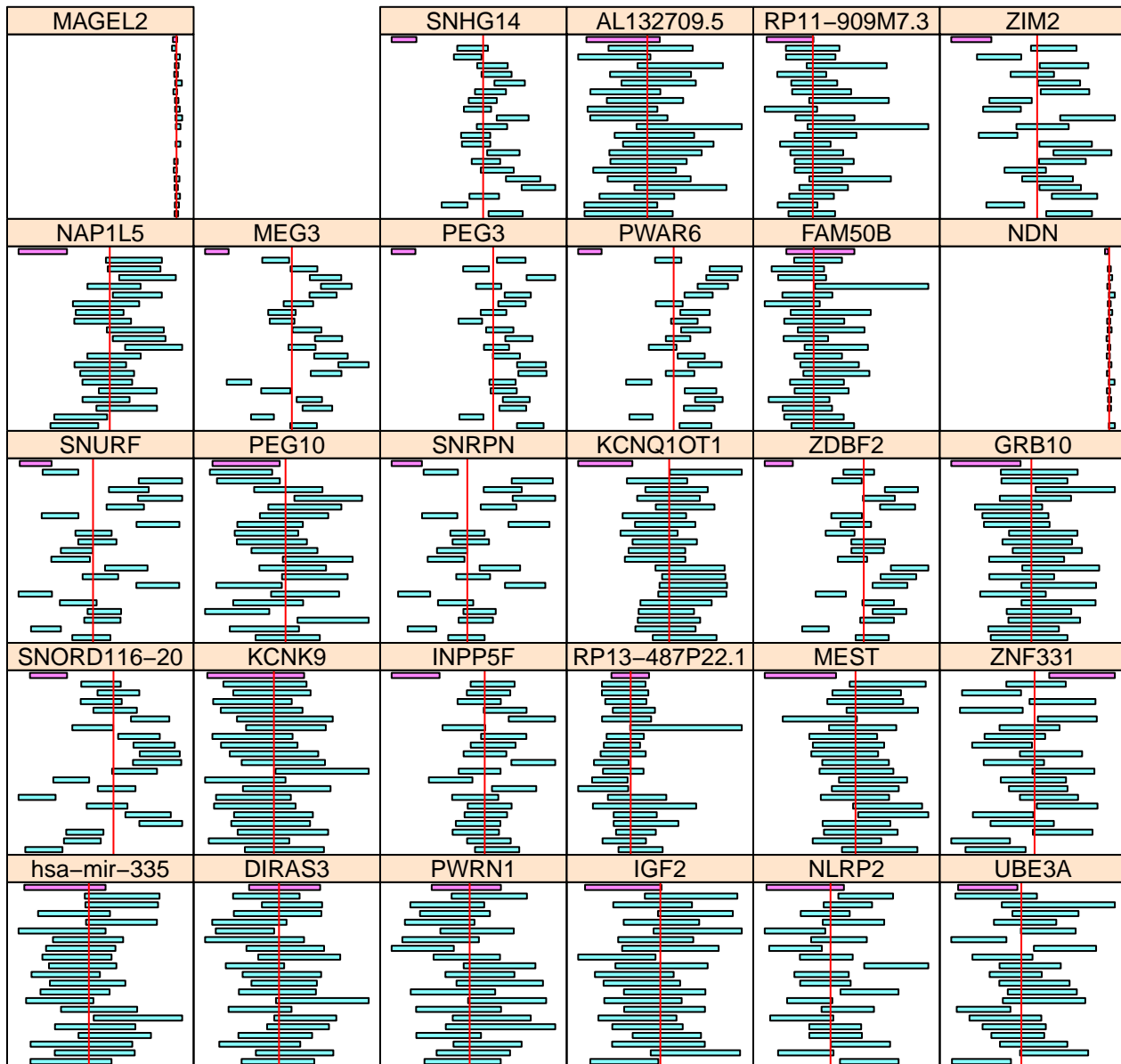


# logi.S

permutation



$\beta[ \text{InstitutionPenn} ]$