pgc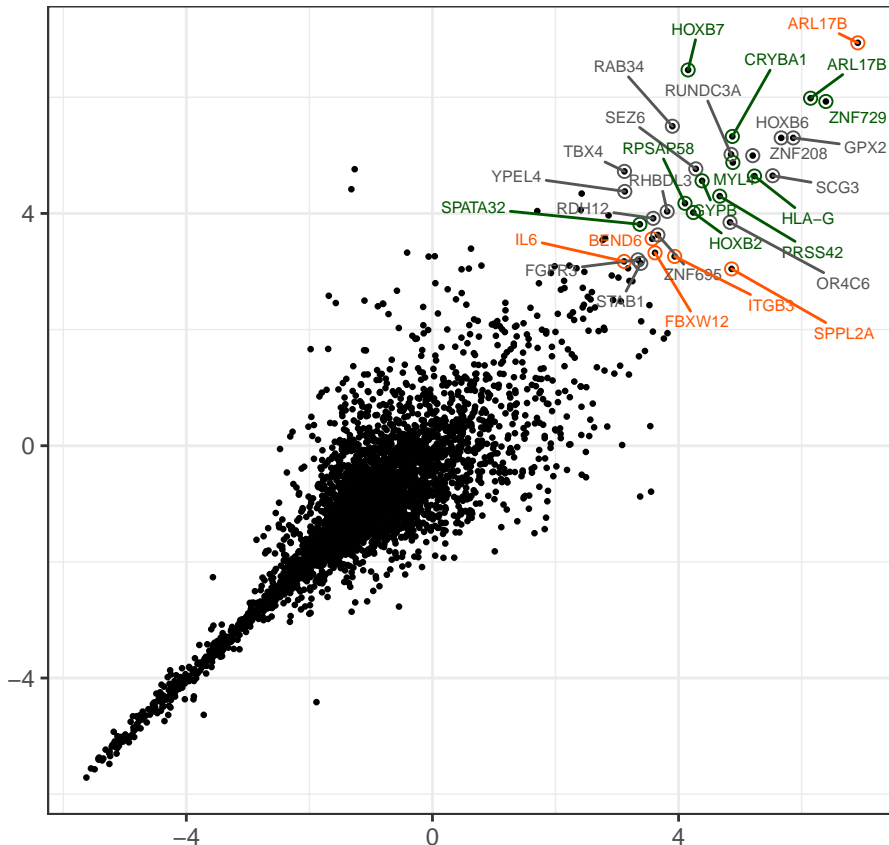_asd, cor = 0.87 (p = 0.0e+00)