**Supplementary Figure 1.** Flowchart detailing the selection process of the 166 patients with FEP included in this study

335 patients with a First Episode of Psychosis were recrutied in the PEPs Project

27 patients did not provide biological sample or failed genetic quality control

51 patients did not provide European Ancestry

65 patients did not have one year follow-up data

25 patients did not have cognitive data

162 patients with a First Episode of Psychosis were included in the present study

5 Patients aged<16 years old