

7,140 Participants before QC

Ancestry Analysis & QC

6,442 Participants after QC

General PGx

Pharmacogenes directly involved in drug metabolism
(n = 257)

Actionable PGx

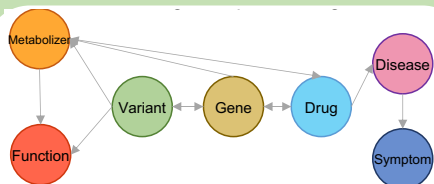
PharmGKB Level 1&2
+
NMPA
(n = 49)

Gene to Drug

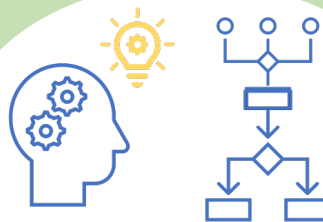
CPIC Level A
“Final” status
(n = 22)

Phase I enzymes (n = 76) Phase II enzymes (n = 58) Transporters (n = 51) Nuclear receptors (n = 8) Modifier targets (n = 61) Others (n = 3)

Model Building



Knowledge Graph Building



Machine Learning Model Building

DB Building



Database



Website