1354 subjects with ID/DD

Array CGH

176 Abnormal Cases

- Recurrent genomic disorders (66 cases)
- Subtelomeric rearrangements (45 Cases)
- Interstitial imbalances (33 Cases)
- Chromosomal structure abnormalities (17 Cases)
- Aneuploids (15 Cases)

82 disjointed critical regions subtracting bCNV

Identification of 461 brain expressed genes from 73 disjointed critical regions

Identification of 108 candidate genes and five key networks by functional interaction (DAVID, GRAIL, IPA)

Figure 1