

del(10)(q11.22)

- deletion on Chr10: 46033651(q11.22) - 48108727(q11.22)

- all genes near breakpoints: ['ZMYND11', 'MSMB', 'FAM25G', 'AGAP7P', 'FRMPD2', 'PARGP1-AGAP4', 'MAPK8', 'TIMM23', 'TUBB8', 'ANTXRLP1', 'LINC02564', 'NPY4R2', 'AGAP4', 'FAM25C', 'NCOA4', 'LOC102723376', 'AGAP12P', 'NPY4R', 'PARGP1', 'SNORA74C-1']

- genes near breakpoints documented in DDG2P:

ZMYND11(608668): INTELLECTUAL DISABILITY(616579)

- all genes with -1 CN: ['MSMB', 'AGAP7P', 'ANTXRLP1', 'LOC105378577', 'ANTXRL', 'AGAP14P', 'FAM25BP', 'ANXA8L1', 'LINC00842', 'HNRNPA1P33', 'NPY4R', 'GPRIN2', 'SYT15', 'LOC101927699', 'SHLD2P1', 'GLUD1P2', 'BMS1P1', 'AGAP13P', 'FRMPD2B', 'PTPN20', 'GDF10', 'GDF2', 'RBP3', 'ZNF488', 'LOC107001062', 'LOC105378292', 'ANXA8', 'FAM25C', 'FAM25G', 'BMS1P2-AGAP9', 'AGAP9', 'BMS1P2', 'CTSLP2', 'SHLD2P3', 'LOC102724593', 'LOC102724488', 'NPY4R2', 'AGAP12P']

- genes with -1 CN documented in DDG2P: None