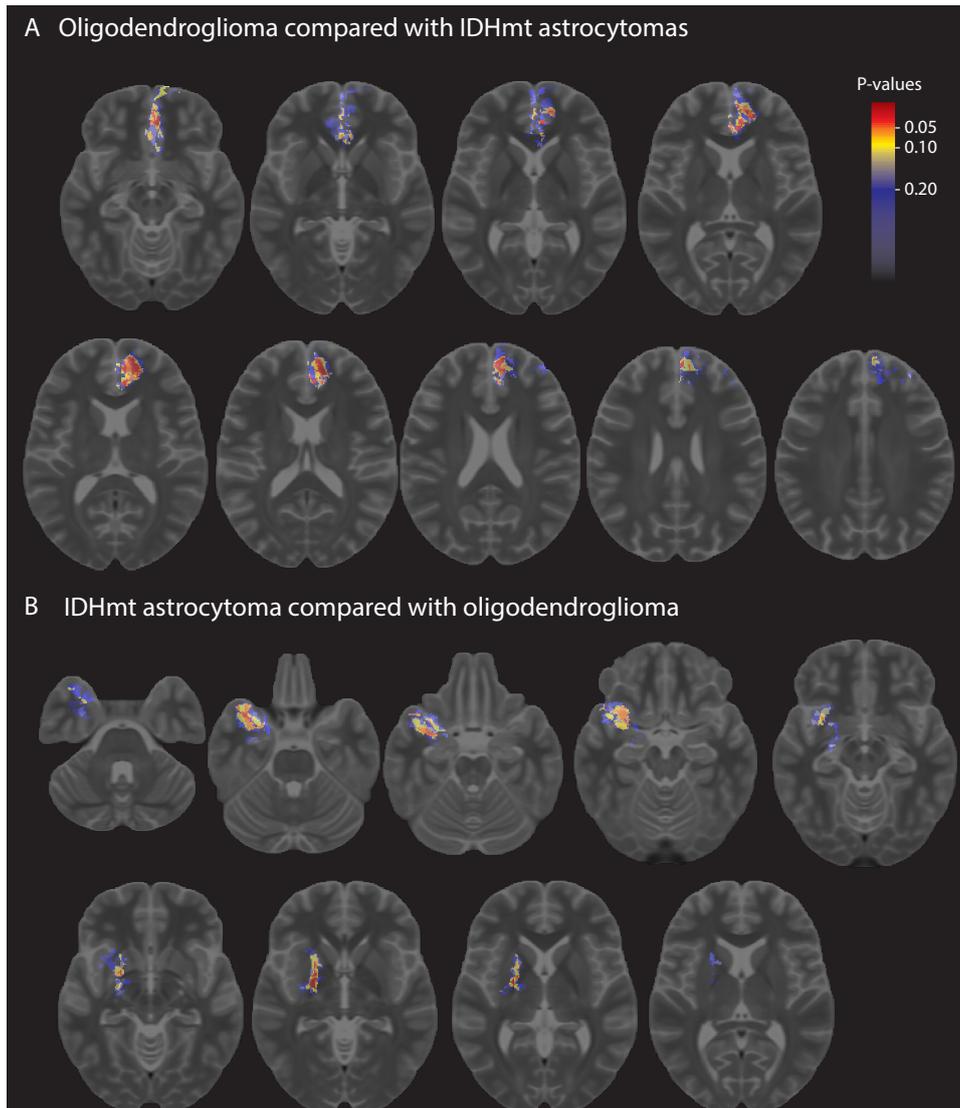
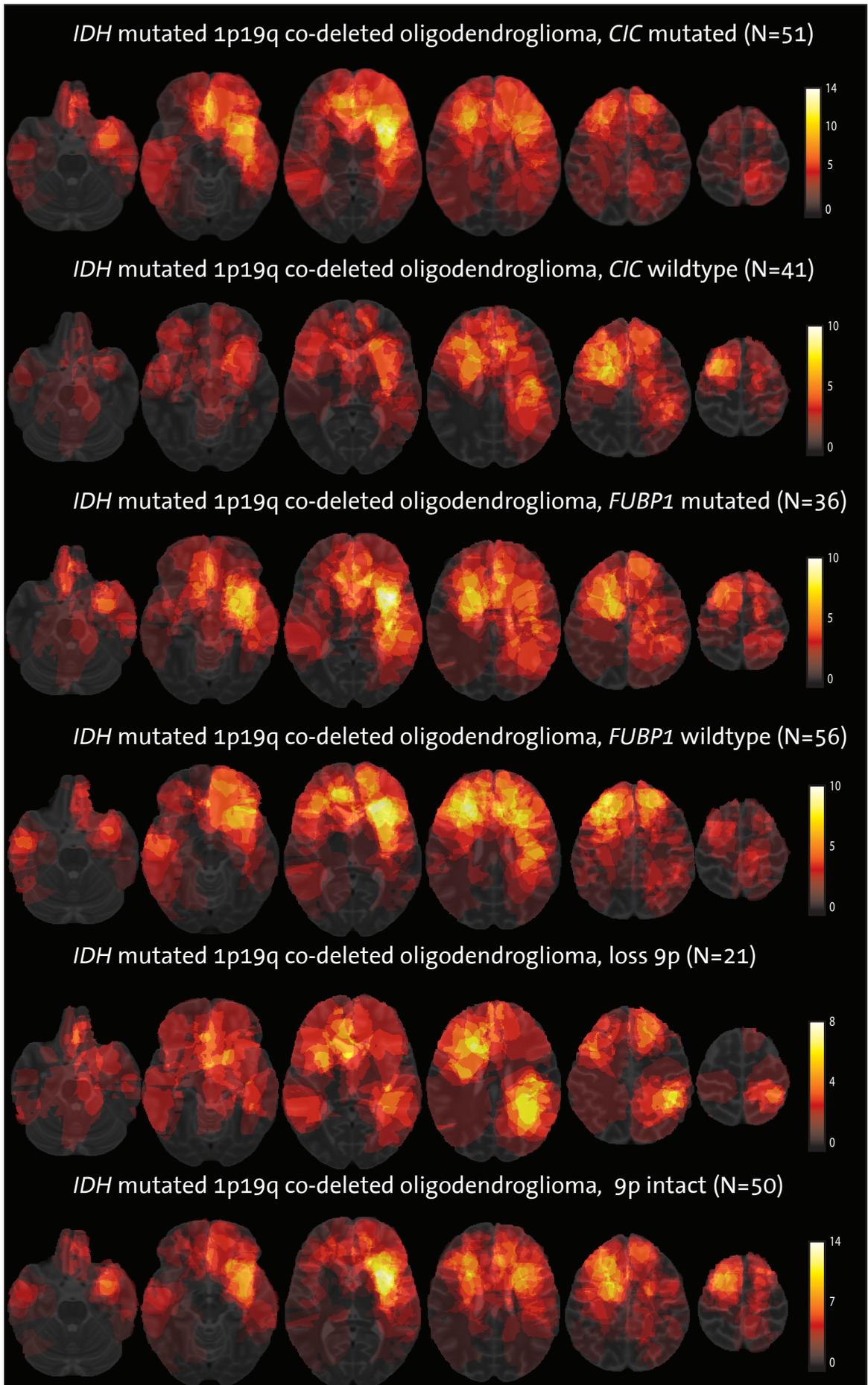


Supplementary Figure 1



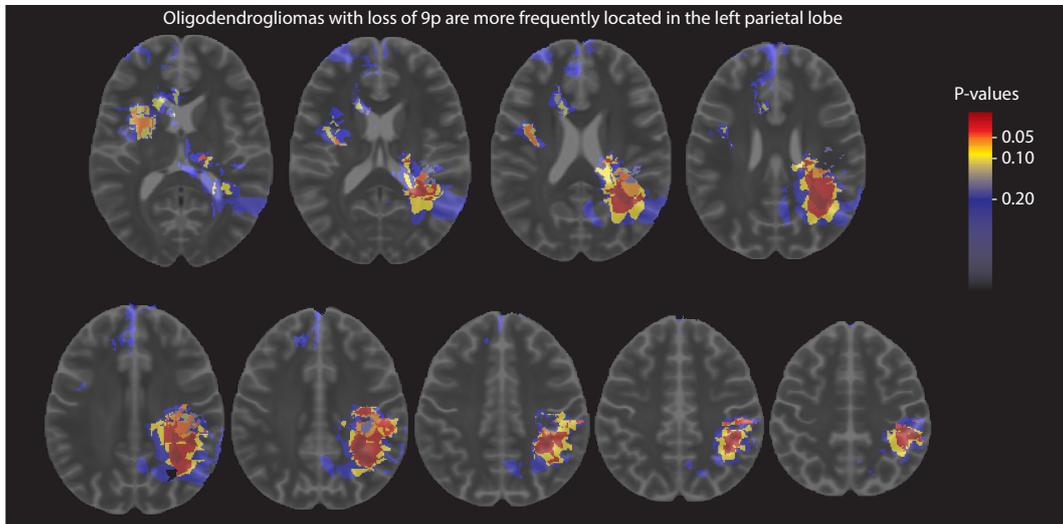
Results of voxelwise permutation testing with 15000 permutations for statistical differences in location distribution. The color of a voxel indicates the p-value as indicated in the top-right color bar; (a) heatmap of significantly more frequent occurring localizations for oligodendroglioma compared with IDH mutated astrocytomas (b) heatmap of significantly more frequent occurring localizations for IDH mutated astrocytomas compared with oligodendrogliomas

Supplementary Figure 2



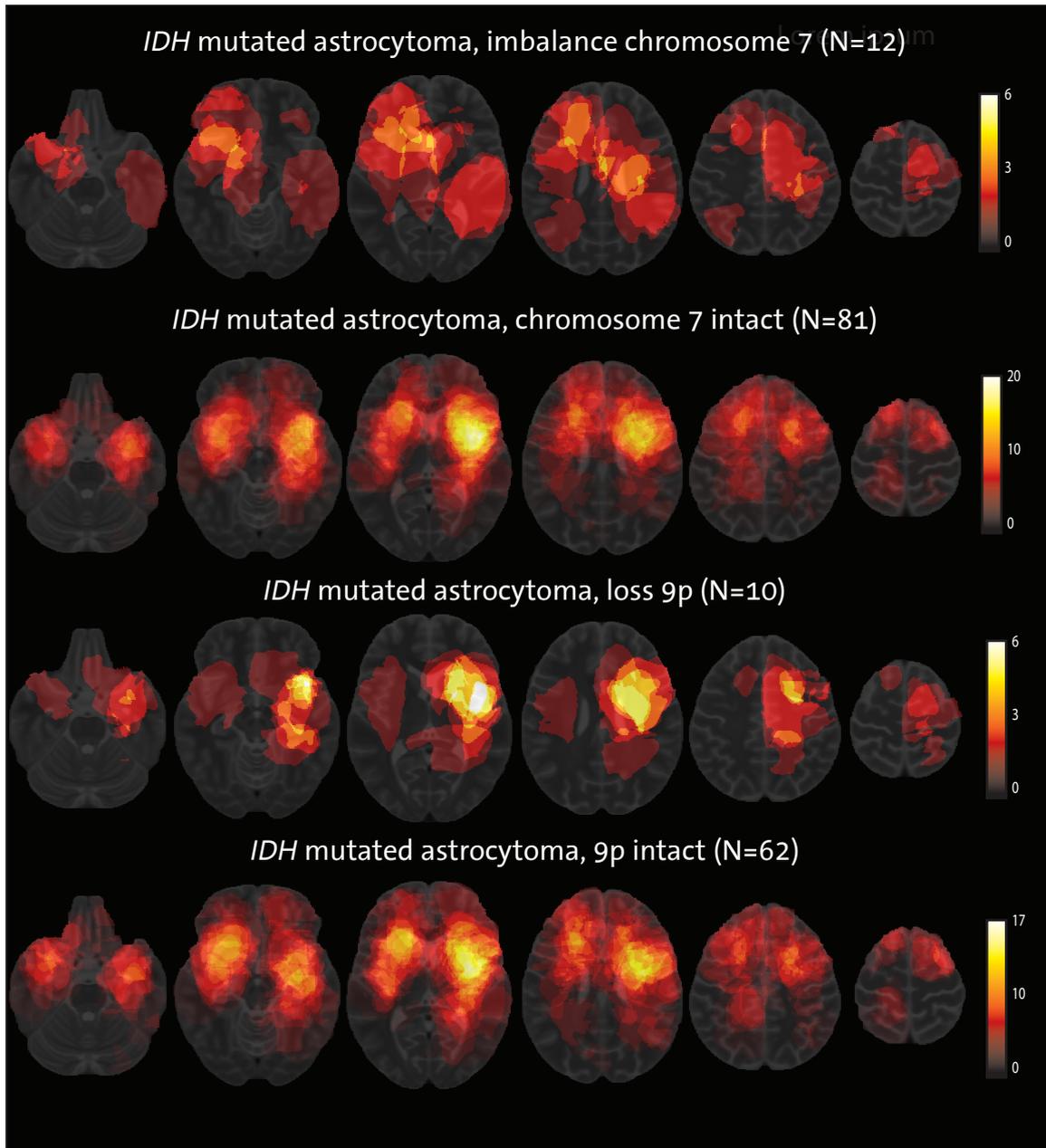
Spatial distribution heatmaps of presence of individual gene or copy number alterations in the context of oligodendroglioma.

Supplementary Figure 3



Results of voxelwise permutation testing showing significant more frequently occurring localizations for loss of 9p in the context of oligodendroglioma, compared with 9p intact oligodendroglioma.

Supplementary Figure 4



Spatial distribution heatmaps of presence of individual copy number alterations in the context of *IDH* mutated astrocytoma.