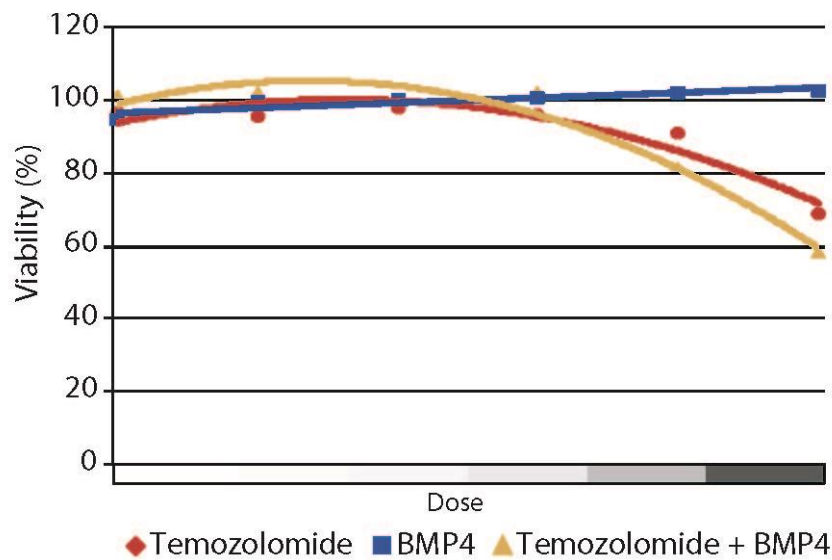
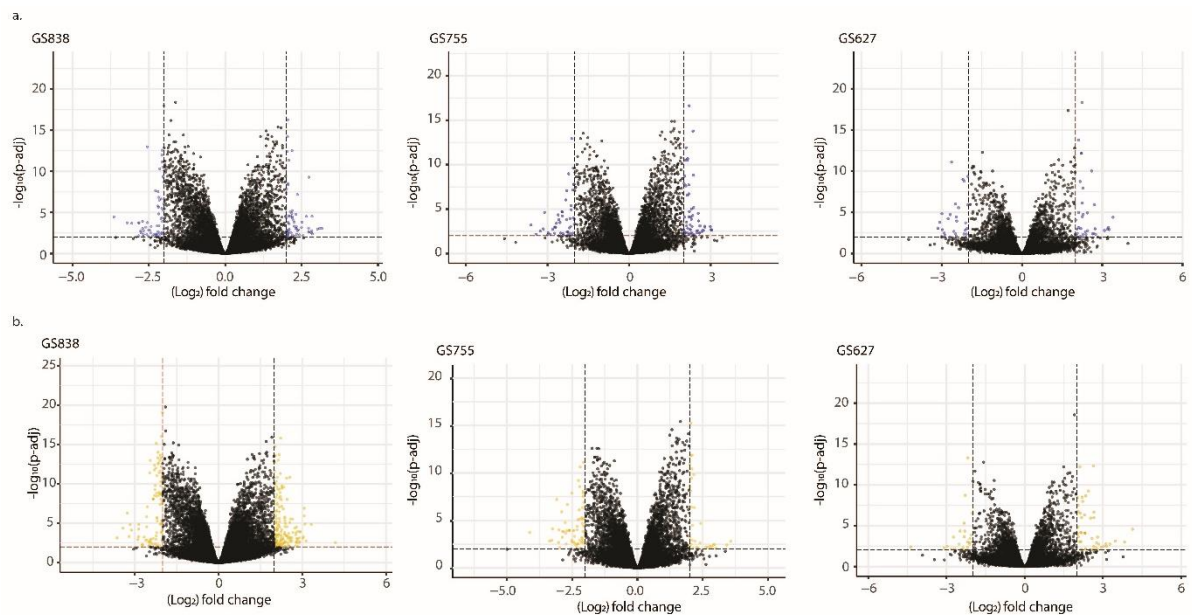


Normal human astrocytes



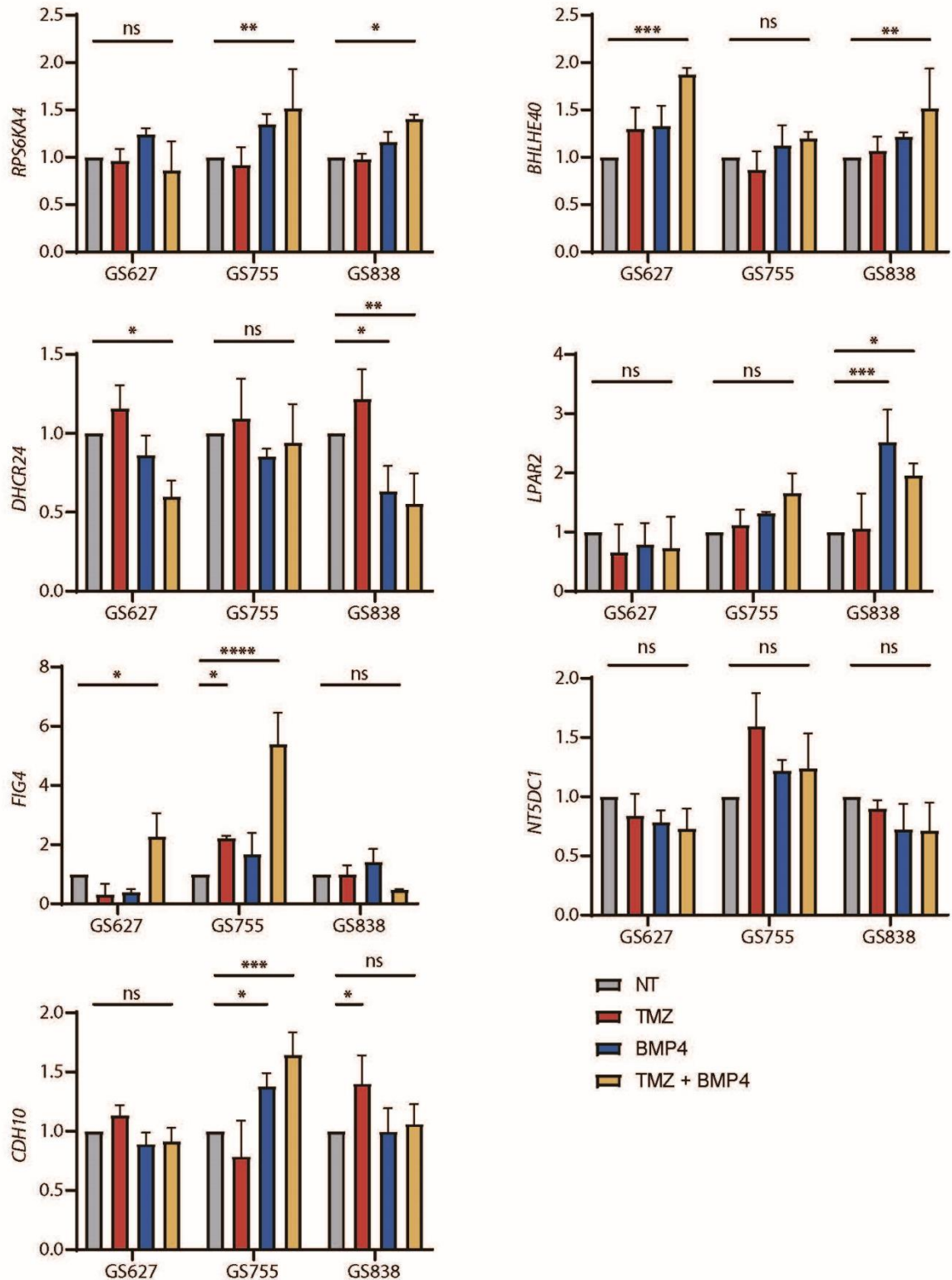
Supplementary figure S1

Viability of normal human astrocytes after 7 days of treatment with a 3-fold dilution ranging from 180 ng down to 0.74 ng BMP4/ml (blue) and 360 μ M down to 1.5 μ M TMZ (red) and a combination of both (yellow).



Supplementary figure S2

Volcano plot of gene expression after (a) BMP4 (genes unique to BMP4 in blue) and after (b) TMZ+BMP4 (genes unique to combination treatment in yellow).



Supplementary figure S3

Bar plots of by qPCR validated differentially expressed genes unique to TMZ + BMP4 with expression values normalized to *GAPDH*. Grey = non-treated (NT), red = temozolomide (TMZ), blue = Bone Morphogenetic protein 4 (BMP4), yellow = TMZ + BMP4. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, ns = not-significant.