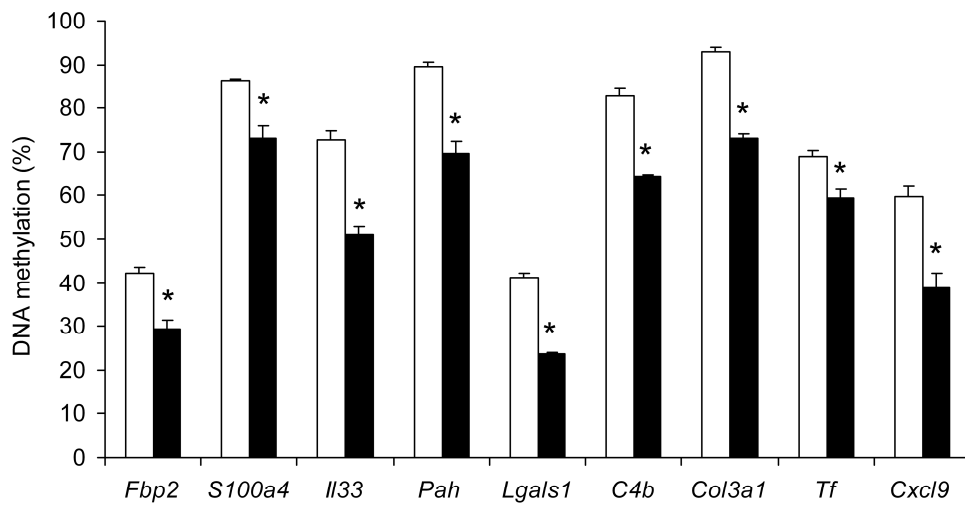
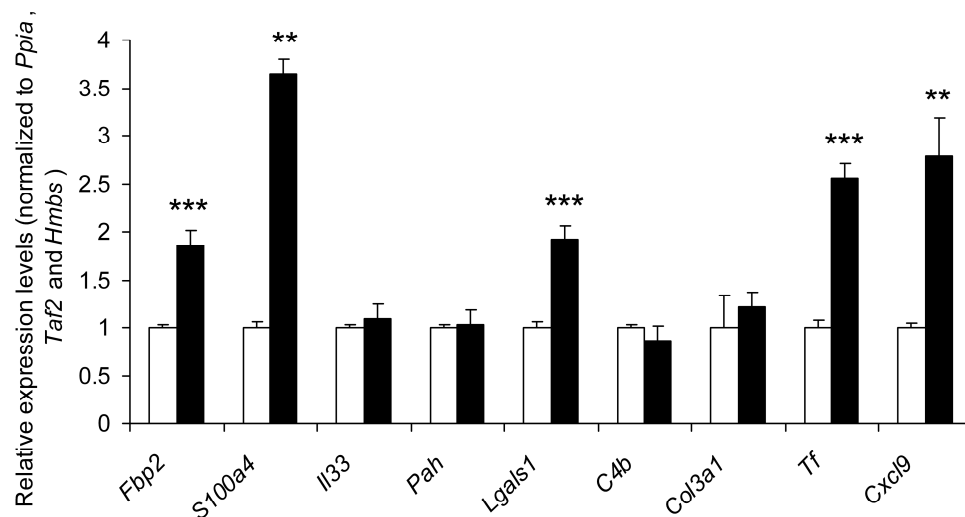


a**b**

ESM Fig. 3 Zebularine treatment in BRIN-BD11 cells. **(a)** Bisulfite MassArray analysis of DNA methylation levels in cells exposed to vehicle (dimethyl sulfoxide – DMSO) or to 100 μ M zebularine. Data represents the mean of n=4 samples per group. **(b)** Expression analysis by quantitative real-time PCR (qRT-PCR). Data represents the mean of n=6 samples per group. For both panels black bars correspond to BRIN-BD11 cells treated with 100 μ M zebularine and white bars to control cells treated with vehicle (DMSO) only. Data represents mean values; error bars represent SEM; * p<0.05; ** p<0.01; *** p<0.001 by Mann-Whitney tests for panel (a) and obtained by using REST 2009 for panel (b).