

Melanoma cell lines (n=45)

■ gene upregulated

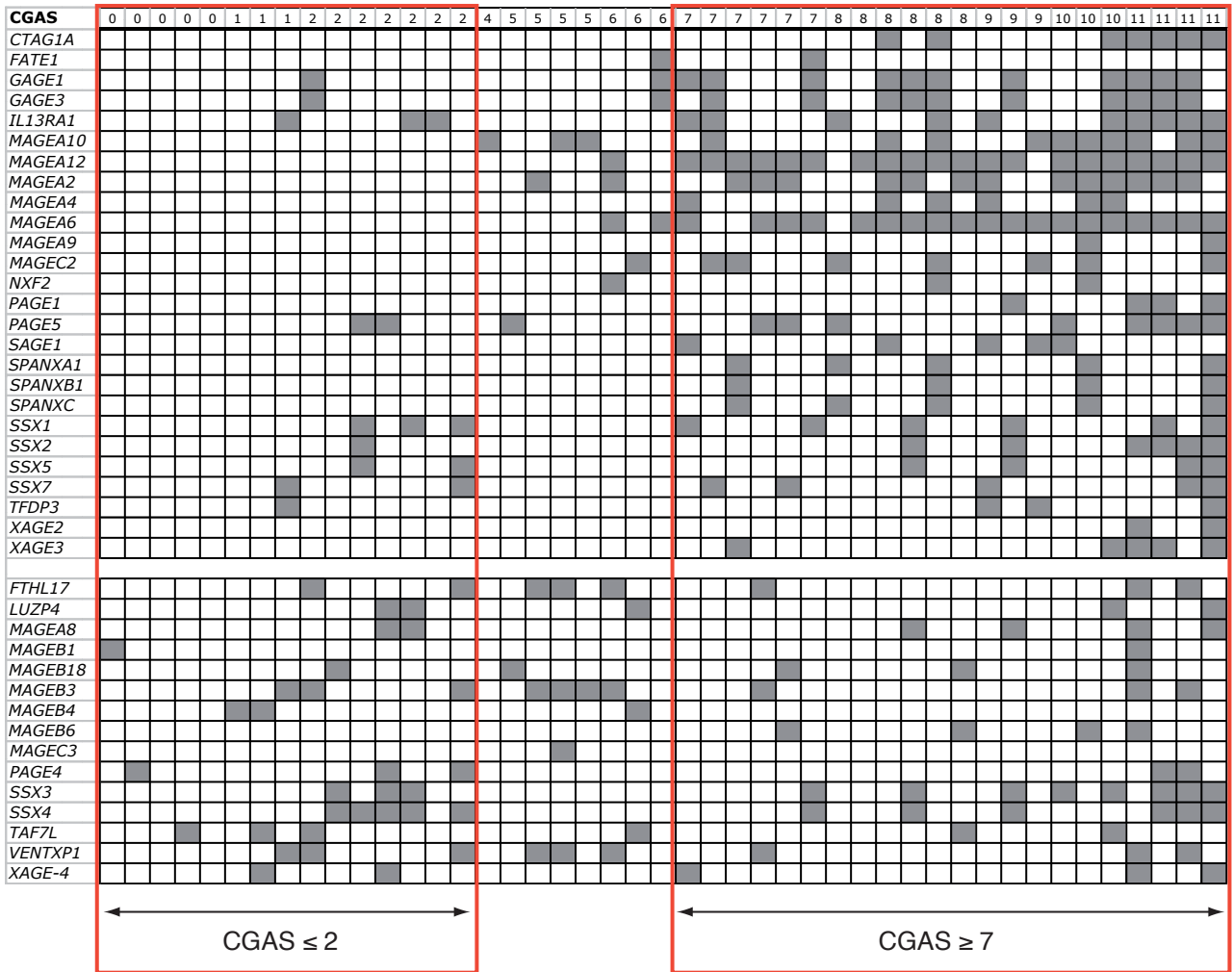


Figure S1. Activation profile of other CG genes in the 45-MelCells dataset. Relative expression values (ratio to mean in all samples) were obtained for all X-linked CG genes listed in Simpson et al. (n=41; ref. 11), but excluding the 11 reference CG genes used for determination of the CGAS. The threshold for activation was defined as described in the materials and methods section. A majority of CG genes (n=26, shown in the upper part) shows preferential activation in melanoma cell lines with a CGAS \geq 7.