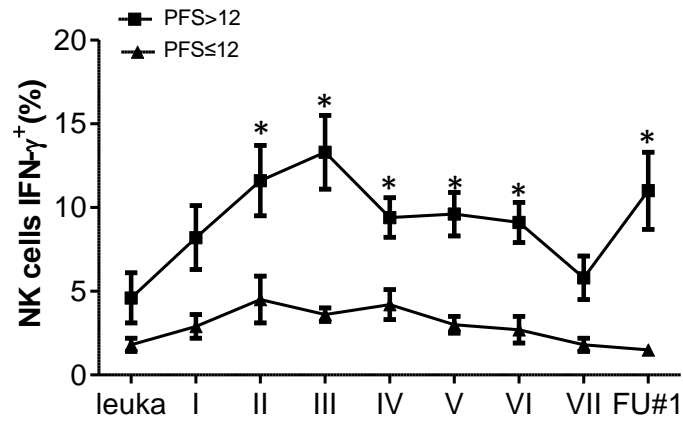


**Figure S1. NK cells activation lasts over time (after the end of the treatment in patients PFS > 12 only**



Time course of NK cells expressing IFN- $\gamma$  evaluated by intracellular staining and flow cytometry. Patients were divided in surviving more than 12 months without disease progression (PFS > 12, n=14), and PFS  $\leq$  12 (n=16). A significant expansion of NK cells expressing IFN- $\gamma$  was evident in patients PFS > 12 only, already after the first vaccination (indicated as I in the graph), persisting during the treatment and at the follow-up (FU) (\*  $p < 0.01$  vs. leukapheresis [leuka]).

**Table S1. Frequency of rs35467079 SNP in GBM patients**

NK cell Response	Number of patients	Frequency (%)	
		Wt	DelC
NO	14	71.4 (n=10)	28.6 (n=4)
YES	16	18.8 (n=3)	81.2 (n=13)