Supplementary Figure S4. Frozen human glioblastoma specimens were subjected to subcellular fractionation. The nuclear fractions were immunoprecipitated with an EGFRvIII antibody, followed by immunoblotting with an EGFR or STAT3 antibody. Total nuclear lysates (Input) were also immunoblotted with the STAT3 antibody. EGFRvIII interacted with endogenous STAT3 in the nuclear fraction of EGFRvIII-expressing human glioblastomas (note that tumors 13 and 14, but not 12, express EGFRvIII as shown in Figure 6A).