

Supplementary Table 2: Flow Cytometry panels for *in vitro* assays

Phenotype panel (<i>in vitro</i>)	Vendor
EGFRt/Cetuximab (biotin-conjugated)	R&D systems
Streptavidin-PE	BioLegend®
PD-1 FITC	BD Pharmingen™
CD4-BV510	BioLegend®
CD3-AF700	BD Pharmingen™
CD8-APC-Cy7	BD Pharmingen™
LAG3-BV650	BioLegend®
TIM3-BV785/ TIM3-APC	BioLegend®
7-Aminoactinomycin D (7-AAD)	BD Pharmingen™
Cell Trace Violet	Invitrogen
CAR T panel (<i>in vitro</i>)	Vendor
EGFRt/Cetuximab (biotin-conjugated)	R&D systems
Streptavidin-PE	BioLegend®
CD3-APC	BD Pharmingen™
CD4-FITC	BD Pharmingen™
CD8-APC-Cy7	BD Pharmingen™
7-Aminoactinomycin D (7-AAD)	BD Pharmingen™
Intracellular staining panel (<i>in vitro</i>)	Vendor
CD3-PE-Cy7	BD Pharmingen™
CD4-FITC	BD Pharmingen™
CD8-APC-Cy7	BD Pharmingen™
CD107a-PE	BD Pharmingen™
TNF-eFluor610	Invitrogen
IFN γ -AF647	BD Pharmingen™
IL-2-AF700	BioLegend®
T cell phenotype (<i>in vitro</i>)	Vendor
CD3-PE-Cy7	BD Pharmingen™
CD4-BV510	BioLegend®
CD8-APC-Cy7	BD Pharmingen™
CD45-AF700	BD Pharmingen™
CD45RA-BV785	BioLegend®
CCR7-BV421	BioLegend®
7-Aminoactinomycin D (7-AAD)	BD Pharmingen™