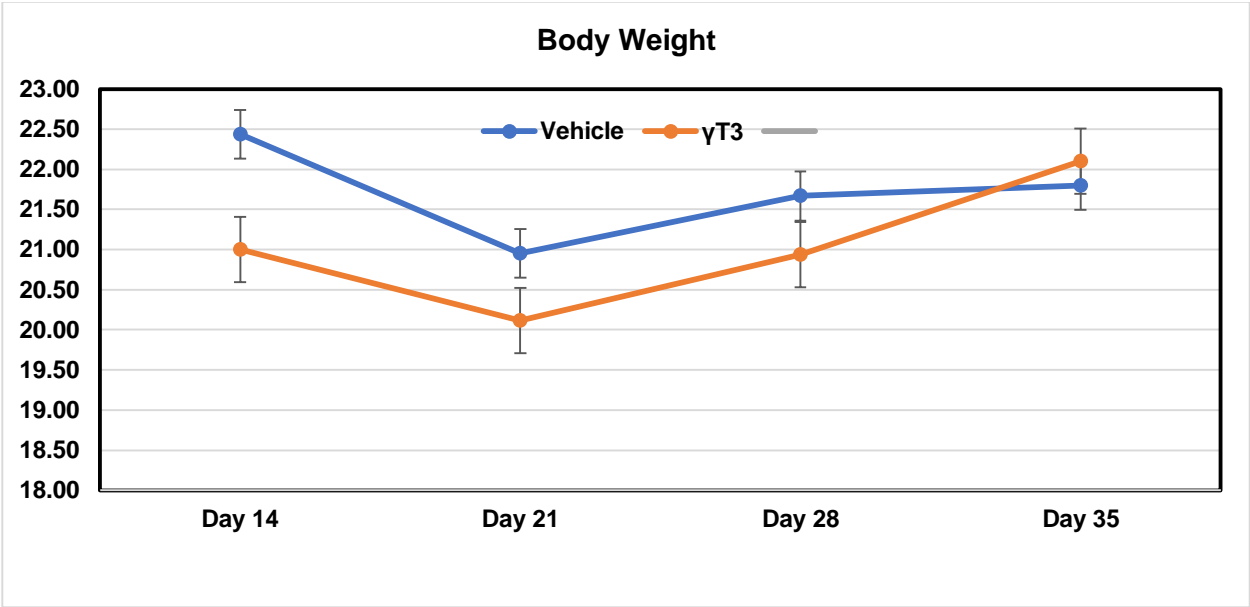


- Inoculation of 4T1 cells
- Tumour palpable
- Mice sacrifice
- Feeding duration

Body weight measurements from preliminary study



Body weight measurement from a preliminary study. Each time point represents mean \pm SE for 5-6 mice per time-point

Functional gene grouping for T-helper cell differentiation array

Groups	Genes
Cytokines & Receptors	<i>CCL5 (RANTES), CCL7 (MCP-3), CCR3, CCR4, CCR5, CCR6, IL12B, IL12RB2, IL13, IL13RA1, IL17A, IL17RE, IL18, IL18R1, IL18RAP, IL1R1, IL1R2, IL1RL1, IL2, IL21, IL2RA, IL4, IL4R, IL5, IL9, TNF</i>
Th1 markers	<i>CCR5, HAVCR2, IGSF6, IL12B, IL18, IRF1, SOCS1, SOCS5, TLR4, TLR6, TNF</i>
Th2 markers	<i>CCL5 (RANTES), CCL7 (MCP-3), CCR3, CCR4, CEBPB, GF11, GPR44, ICOS, IL13RA1, IL4R, JAK1, NFATC1, NFATC2</i>
Transcription Factors	<i>CEBPB, FOSL (FRA-1)1, FOXP3, GATA3, GATA4, HOXA10, HOXA3, ID2, IRF4, IRF8, MAF, NFATC1, NFATC2, NR4A1, NR4A3, POU2F2, REL, RELB, RORA, RORC, RUNX1 (AML1), RUNX3, STAT1, STAT4, STAT6, TOX, ZBTB7B</i>
Epigenetically Regulated Genes	Th1 cells: <i>EOMES, IFNG, IL12RB2, IL18R1, IL18RAP, FASLG (TNFSF6), TBX21.</i>
	Th2 cells: <i>ASB2, GATA3, IL13, IL1RL1, IL4, IL5, PPARG</i>
	Th17 cells: <i>IL17A, IL17RE, IL1R1, IL21, RORA, RORC</i>
	T-Regulatory cells (iTreg and nTreg): <i>CCR6, FOSL1 (FRA-1), FOXP3, IKZF2, IL9, IRF4, IRF8, MYB, NR4A1, NR4A3, POU2F2, REL, RELB, TGIF1, TNFSF11.</i>
	Conventional Th versus Treg cells: <i>CACNA1F, CHD7, FOXP3, GATA4, HOPX, HOXA10, HOXA3, ID2, IKZF2, IL1R2, IL2RA, KIF2C, LRRC32, PERP, PKD2, TNFRSF9, TP53INP1, UTS2</i>

iTreg: inducible T-regulatory; **nTreg:** natural T-regulatory; **Th:** T-helper; **Treg:** T-regulatory;

Scatter Plot

