



S2 Fig. CD8⁺ T cell data are compatible with a long subpopulation half-life independent of yellow fever virus vaccine data.

A) Observed and fitted label incorporation in CD8⁺ naïve and T_{SCM} cells when the explicit heterogeneity model was fitted to isotope labelling and telomere length datasets simultaneously, constraining the half-life of the slower subpopulation to lie between 5-6, 7-8, 9-10, 11-12, 13-14 or 14-15 years. Note that the predictions for many of the different half-lives overlaid each other and so cannot be distinguished. **B)** Corresponding fits to the average telomere length differences (Θ) between the T_N and T_{SCM} pools, with experimental data points shown in red. The number of base pairs (bp) lost in each division was taken to be $\delta = 50\text{bp/division}$. Experimental data depicted in this figure can be found in S1 Data.