



Only the following timepoints were used when testing for diet and age effects: 05 months, 16 months and 28 months. The effects were estimated using mixed linear models and the significance of the effects were assessed with an approximate F-test using the Kenward and Roger (1997) approach. The p-values for the diet effect at each timepoint are: 05 months = 0.47; 16 months = 0.0287 and 28 months = 0.638. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are 1D–40. The p-value for the direct effect of age on CD8T\_CD62LnegCD44negPercCD8T is  $1.37\text{e-}09$ . The p-value for the effect of the interaction between age and diet on CD8T\_CD62LnegCD44negPercCD8T is 0.0361. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are .