



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 = 0.852; 16 months =  $3.71\text{e-}05$  and 28 months = 0.0899. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-40 and 1D-40. The p-value for the direct effect of age on  $\text{CD4T\_CD62LposCD44negPercCD4T}$  is  $1.84\text{e-}14$ . The p-value for the effect of the interaction between age and diet on  $\text{CD4T\_CD62LposCD44negPercCD4T}$  is 0.000331. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-20, AL-40 and 1D-40.