



Supplementary Fig 2. Multiple PCA graphics for all NZ and SC sites in a. C18pos, b. C18neg, c. HILCpos and d. HILCneg. All demonstrate clearly separate clustering of the NZ and SC ranges. PC 1 and PC 2 demonstrate the observed variance between clusters. All analyses are validated using [PERMANOVA] $p = 0.001$. Square points represent New Zealand sites and triangles represent Scotland sites.