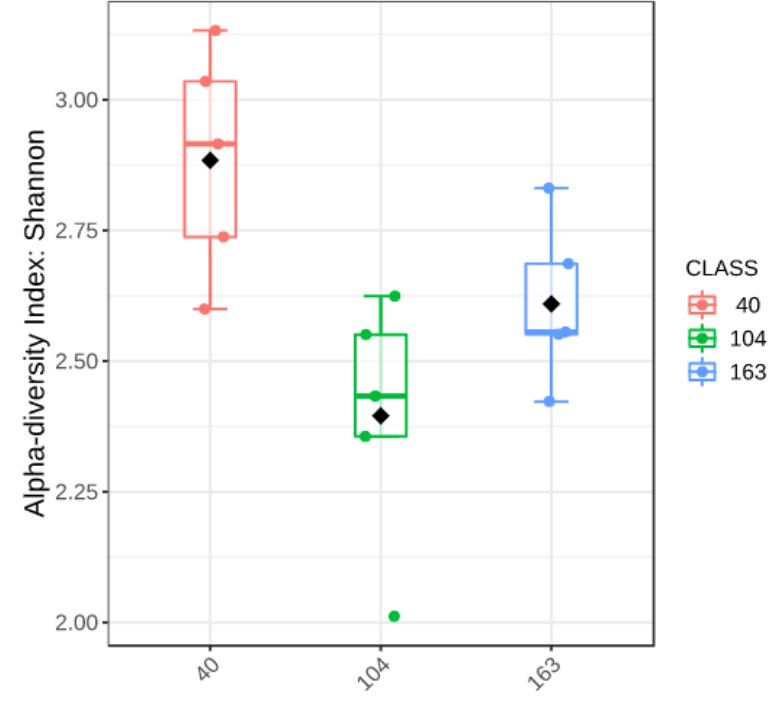


(a)



(b)

Fig. S4

Fig. S4 Box plots show Chao1 richness (a) and Shannon (b) diversity profiles comparing the sampling at T3 (163 days) after three different periods of probiotic administration (E-40, E-104, E-163). The line inside the box represents the median, while the whiskers represent the lowest and highest values within the 1.5 interquartile range (IQR). Outliers and individual sample values are shown as dots. Statistical testing p value = 0.0185; [Kruskal–Wallis] statistic: 7.98 for Chao1 and p value = 0.017774; [Kruskal–Wallis] statistic: 8.06 for Shannon.