

Supplementary figure 3. Volcano plot of fatty acids and phospholipids across overall disease burden. Significantly different metabolites at 10% False Discovery Rate (FDR) (y -axis) with $|\log_2 \text{Fold Change (FC)}| > 0.4$ (x -axis) in patients not treated with rapamycin between overall disease burden score (**A**) S2 ($n = 23$) and S3 (highest, $n = 2$) and (**B**) S0 ($n = 8$) and S3 (highest, $n = 2$) (for group definitions, see supplementary table 3). Red, blue, green and grey dots indicate metabolites that are significantly different between conditions at 10% FDR with $|\log_2 \text{FC}| > 0.4$, metabolites significant at 10% FDR with $|\log_2 \text{FC}| < 0.4$, non-significant at 10% FDR with $|\log_2 \text{FC}| > 0.4$ and overall NS = non-significant, respectively. *Compounds identified without confirmation by a standard. Full results are presented in supplementary table 5.

