Figure S3A: Metabolite concentrations with regard to the different cohorts. Thirty-three metabolites with significant differences (p < 0.05) between performer classes. Metabolites/ratios with q-values < 0.05 are denoted as †. 19 metabolites/ratios belong to acylcarnitines, 8 can be attributed to the arginine metabolism. * p < 0.05, ** p < 0.01, *** p < 0.001, NS. Non-significant. Significant differences regarding absolute values at T3 (immediately after the race). Asterisks on the left side denote a significant difference between low and average performers, asterisks in the middle denote a significant difference between low and top performers, and asterisks on the right side denote a significant difference between average and top performers.