

Table S5. Correlation of the associations between functional pathways and host factors in stool, swab and tissue samples estimated with ALDEx2.

	stool vs swab		stool vs tissue		swab vs tissue	
	rho	P	rho	P	rho	P
age	0.193	0.025	-0.037	0.731	-0.083	0.430
BMI	-0.180	0.038	0.020	0.849	0.006	0.955
sex	0.427	3.55E-07	0.001	0.991	0.037	0.726
NSAIDS_use	0.206	0.017	0.022	0.840	0.045	0.668
antibiotics	0.326	1.70E-04	-0.070	0.515	-0.174	0.099