

Table S1 Patients characteristics based on blood citrulline levels, cohort 2

Characteristics	All (n=89)	High citrulline (n=62)	Low citrulline (n=24)	P value
Age (years), median (IQR)	65.0 (60.0–70.0)	66 (62.0–72.0)	62.5 (54.8–69.2)	0.034
Sex (male)	52 (61%)	36 (59%)	16 (67%)	0.51
BMI (kg/m ²), median (IQR)	23.7 (21.1–26.4)	23.7 (22.0–26.0)	22.7 (19.9–29.2)	0.64
Albumin >30 mg/mL	80 (94%)	58 (95%)	22 (92%)	0.62
Stage IV	85 (99%)	52 (100%)	32 (97%)	0.39
Performance status				0.49
0–1	44 (52%)	33 (54%)	11 (46%)	
2	41 (48%)	28 (46%)	13 (54%)	
Smoking status				0.21
Current	28 (33%)	20 (33%)	8 (33%)	
Former	50 (59%)	38 (62%)	12 (50%)	
Never	7 (8.2%)	3 (4.9%)	4 (17%)	
Histology				0.93
Adenocarcinoma	57 (67%)	41 (67%)	16 (67%)	
Squamous carcinoma	19 (22%)	13 (21%)	6 (25%)	
Other	9 (11%)	7 (11%)	2 (8.3%)	

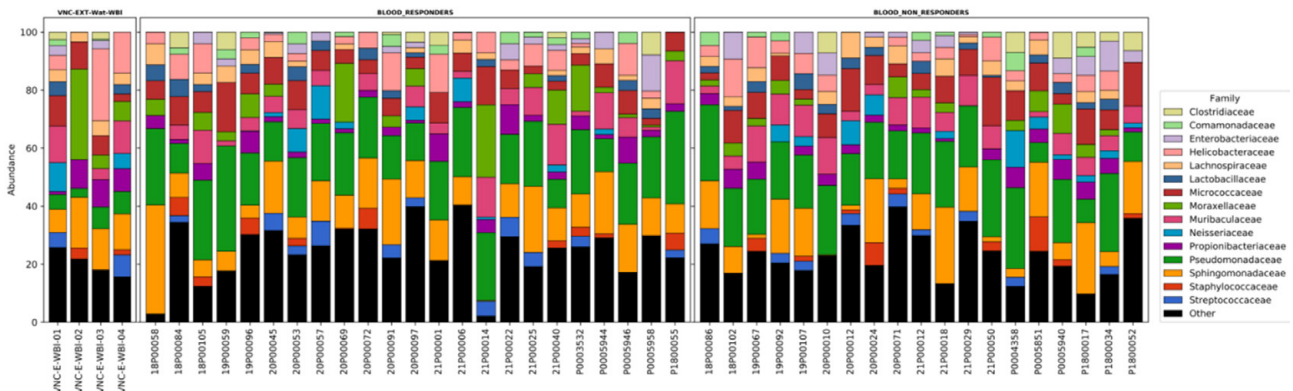


Figure S1 Taxonomic profiles of the top 15 bacterial families in the blood of responders and non-responders patients at T0.