

Supplementary Table 5. Association between ILL abundance in sputum and the abundance of bacterial genes encoding for riboflavin synthesis and C5 isoprene synthesis

	MAIT cells			V δ 2+ T cells		
	Spearman r	P value	Q value	Spearman r	P value	Q value
Riboflavin KEGGs (M00125)						
K00794	0.15	0.3	0.5	0.03	0.84	0.98
K00793	0.23	0.1	0.38	0.09	0.52	0.78
K01498	NA	NA	NA	NA	NA	NA
K01497	-0.23	0.1	0.38	-0.27	0.05	0.46
K02858	-0.07	0.61	0.68	0	0.98	0.98
K11753	0.12	0.4	0.51	0.21	0.13	0.51
K11752	0.02	0.89	0.89	-0.15	0.27	0.51
K14652	0.14	0.33	0.5	0	0.98	0.98
K00861	-0.21	0.13	0.38	-0.15	0.28	0.51
K00082	-0.17	0.24	0.5	-0.18	0.19	0.51
Non-Mevalonate KEGGs (M00096)						
K01823	0.12	0.38	0.44	0.09	0.54	0.62
K01662	-0.14	0.31	0.41	-0.12	0.4	0.53
K00099	-0.25	0.08	0.25	-0.24	0.08	0.2
K03527	-0.26	0.07	0.25	-0.24	0.08	0.2
K03526	-0.24	0.09	0.25	-0.23	0.1	0.2
K12506	-0.09	0.53	0.53	-0.04	0.79	0.79
K01770	-0.21	0.14	0.26	-0.19	0.17	0.28
K00919	-0.2	0.16	0.26	-0.27	0.06	0.2

Q value = Benjamini and Hochberg's FDR correction