

Supplementary Table 17 Baseline Bacteria species associated with post-acute COVID-19 syndrome at month 6

Species#	Phylum	Mean relative abundance (%)	Association cohort
Bifidobacterium_longum	Actinobacteria	5.00	No Symptoms
Bifidobacterium_pseudocatenulatum	Actinobacteria	4.68	No Symptoms
Blautia_wexlerae	Firmicutes	4.67	No Symptoms
Faecalibacterium_prausnitzii	Firmicutes	4.51	No Symptoms
Fusicatenibacter_saccharivorans	Firmicutes	4.43	No Symptoms
Anaerostipes_hadrus	Firmicutes	4.30	No Symptoms
Eubacterium_hallii	Firmicutes	4.29	No Symptoms
Roseburia_inulinivorans	Firmicutes	4.16	No Symptoms
Dorea_longicatena	Firmicutes	4.13	No Symptoms
Coprococcus_comes	Firmicutes	3.94	No Symptoms
Firmicutes_bacterium_CAG_83	Firmicutes	3.94	No Symptoms
Streptococcus_salivarius	Firmicutes	3.85	No Symptoms
Agathobaculum_butyriciproducens	Firmicutes	3.82	No Symptoms
Roseburia_faecis	Firmicutes	3.76	No Symptoms
Sellimonas_intestinalis	Firmicutes	3.44	No Symptoms
Eubacterium_ramulus	Firmicutes	3.19	No Symptoms
Clostridium_disporicum	Firmicutes	2.50	No Symptoms
Actinomyces_naeslundii	Firmicutes	2.28	No Symptoms
Holdemania_filiformis	Firmicutes	2.05	No Symptoms
Phascolarctobacterium_faecium	Firmicutes	3.77	PACS#

*Mean relative abundance >1% in either cohort

#PACS: Post-acute COVID-19 syndrome

Ordered by logarithmic discriminant analysis score reported by linear discriminant analysis effect size