

Table S1: Non-pathogenic Coryneform detected in the present cases.

Case No.	Age	Gender	Onset date	Sampling date	Symptoms	Estimated pathogens
2	20	F	2022/9/19	2022/9/20	fever, malaise, headache	<i>Corynebacterium segmentosum</i> (73) <i>Corynebacterium kefirresidentii</i> (42) <i>Corynebacterium tuberculo-tearicum</i> (12) <i>Corynebacterium sanguinis</i> (4) <i>Corynebacterium endometrii</i> (2)
3	75	F	2022/9/17	2022/9/20	fever, malaise, cough, swollen throat	<i>Corynebacterium propinquum</i> (1176) <i>Corynebacterium spp.</i> (200) <i>Corynebacterium accolens</i> (120) <i>Corynebacterium pseudotuberculosis</i> (69) <i>Corynebacterium striatum</i> (52)
5	25	F	2022/9/19	2022/9/21	sore throat, headache	<i>Corynebacterium segmentosum</i> (72) <i>Corynebacterium accolens</i> (6) <i>Corynebacterium kefirresidentii</i> (4) <i>Corynebacterium kroppenstedtii</i> (2) <i>Corynebacterium tuberculo-tearicum</i> (2) <i>Corynebacterium sanguinis</i> (2) <i>Corynebacterium rouxii</i> (2) <i>Corynebacterium ciconiae</i> (1)
6	31	M	2022/9/22	2022/9/24	fever, malaise, sore throat, headache	<i>Corynebacterium segmentosum</i> (150) <i>Corynebacterium spp.</i> (31) <i>Corynebacterium kefirresidentii</i> (12) <i>Corynebacterium sanguinis</i> (6) <i>Corynebacterium tuberculo-tearicum</i> (5) <i>Corynebacterium simulans</i> (5) <i>Corynebacterium ciconiae</i> (2) <i>Corynebacterium canis</i> (2) <i>Corynebacterium lactis RW2-5</i> (2) <i>Corynebacterium glutamicum</i> (1) <i>Corynebacterium occultum</i> (1) <i>Corynebacterium stationis</i> (1)
7	56	F	2022/9/22	2022/9/24	fever, malaise, lymphadenonopathy under the ear	<i>Corynebacterium segmentosum</i> (4) <i>Corynebacterium tuberculo-tearicum</i> (2) <i>Corynebacterium kefirresidentii</i> (2)
11	47	F	2022/9/26	2022/9/27	fever, malaise, headache, stuffy nose	<i>Corynebacterium segmentosum</i> (5) <i>Corynebacterium kefirresidentii</i> (4) <i>Corynebacterium rouxii</i> (2)

12	52	M	2022/9/28	2022/9/28	fever, cough, diarrhea	<i>Corynebacterium segmentosum</i> (7) <i>Corynebacterium tuberculostrictum</i> (5) <i>Corynebacterium kefirresidentii</i> (2)
13	46	F	2022/9/26	2022/9/28	fever, diarrhea	<i>Corynebacterium kefirresidentii</i> (4) <i>Corynebacterium tuberculostrictum</i> (2) <i>Corynebacterium simulans</i> (2) <i>Corynebacterium segmentosum</i> (1)
14	27	F	2022/9/24	2022/9/28	fever	<i>Corynebacterium macginleyi</i> (11) <i>Corynebacterium sanguinis</i> (10) <i>Corynebacterium occultum</i> (9) <i>Corynebacterium kefirresidentii</i> (4) <i>Corynebacterium tuberculostrictum</i> (2) <i>Corynebacterium endometritii</i> (2)
16	33	F	2022/9/30	2022/9/30	fever, malaise	<i>Corynebacterium kefirresidentii</i> (10) <i>Corynebacterium segmentosum</i> (9) <i>Corynebacterium simulans</i> (6) <i>Corynebacterium tuberculostrictum</i> (3)
17	46	M	2022/9/29	2022/9/30	sore throat	<i>Corynebacterium spp.</i> (27) <i>Corynebacterium kefirresidentii</i> (14) <i>Corynebacterium segmentosum</i> (12) <i>Corynebacterium simulans</i> (8) <i>Corynebacterium tuberculostrictum</i> (7) <i>Corynebacterium lipophiloflavum</i> (2) <i>Corynebacterium occultum</i> (1) <i>Corynebacterium sanguinis</i> (1) <i>Corynebacterium glaucum</i> (1)
18	15	M	2022/10/2	2022/10/3	fever, sore throat	<i>Corynebacterium segmentosum</i> (113) <i>Corynebacterium kefirresidentii</i> (46) <i>Corynebacterium tuberculostrictum</i> (30) <i>Corynebacterium simulans</i> (11) <i>Corynebacterium occultum</i> (11) <i>Corynebacterium sanguinis</i> (7) <i>Corynebacterium spp.</i> (4) <i>Corynebacterium phocae</i> (4) <i>Corynebacterium ciconiae</i> (3) <i>Corynebacterium comes</i> (2) <i>Corynebacterium kroppenstedtii</i> (1) <i>Corynebacterium falsenii</i> (1)

20	53	F	2022/10/3	2022/10/3	fever	<i>Corynebacterium segmentosum</i> (128) <i>Corynebacterium sanguinis</i> (7) <i>Corynebacterium spp.</i> (6) <i>Corynebacterium tuberculostrictum</i> (6) <i>Corynebacterium endometritii</i> (6) <i>Corynebacterium singular</i> (2) <i>Corynebacterium occultum</i> (2) <i>Corynebacterium simulans</i> (1) <i>Corynebacterium phocae</i> (1) <i>Corynebacterium macginleyi</i> (1) <i>Corynebacterium flavescens</i> (1)
23	63	M	2022/10/10	2022/10/11	sore throat	<i>Corynebacterium segmentosum</i> (140)
24	31	M	2022/10/10	2022/10/11	fever, malaise, sore throat, headache	<i>Corynebacterium spp.</i> (16) <i>Corynebacterium tuberculostrictum</i> (12) <i>Corynebacterium kefirresidentii</i> (8) <i>Corynebacterium sanguinis</i> (5) <i>Corynebacterium phocae</i> (3) <i>Corynebacterium occultum</i> (3) <i>Corynebacterium ciconiae</i> (2) <i>Corynebacterium uterequi</i> (2) <i>Corynebacterium macginleyi</i> (2) <i>Corynebacterium endometritii</i> (2) <i>Corynebacterium simulans</i> (1) <i>Corynebacterium urogenitale</i> (1)
25	54	M	2022/10/7	2022/10/11	fever, malaise, sore throat	<i>Corynebacterium kefirresidentii</i> (79)
26	34	F	2022/10/12	2022/10/12	fever, cough, sore throat	<i>Corynebacterium tuberculostrictum</i> (62) <i>Corynebacterium simulans</i> (19) <i>Corynebacterium segmentosum</i> (15) <i>Corynebacterium singular</i> (7) <i>Corynebacterium occultum</i> (6) <i>Corynebacterium kroppenstedtii</i> (2) <i>Corynebacterium sanguinis</i> (2) <i>Corynebacterium sp. FDAARGOS 1242</i> (2) <i>Corynebacterium endometritii</i> (2) <i>Corynebacterium phocae</i> (1) <i>Corynebacterium coyleae</i> (1) <i>Corynebacterium nuruki</i> (1) <i>Corynebacterium flavescens</i> (1) <i>Corynebacterium sp. 4H37-19</i> (1)

27	20	M	2022/10/13	2022/10/14	fever, malaise, sore throat, swollen throat	<i>Corynebacterium segmentosum</i> (27) <i>Corynebacterium kefirresidentii</i> (12) <i>Corynebacterium tuberculostrictaricum</i> (3) <i>Corynebacterium ciconiae</i> (2) <i>Corynebacterium imitans</i> (2) <i>Corynebacterium spp.</i> (2) <i>Corynebacterium simulans</i> (1)
28	16	M	2022/10/13	2022/10/14	fever, sore throat	<i>Corynebacterium kefirresidentii</i> (14) <i>Corynebacterium kroppenstedtii</i> (10) <i>Corynebacterium tuberculostrictaricum</i> (3) <i>Corynebacterium occultum</i> (2) <i>Corynebacterium sanguinis</i> (2) <i>Corynebacterium segmentosum</i> (2) <i>Corynebacterium simulans</i> (2)
29	39	M	2022/10/17	2022/10/17	malaise, sore throat	<i>Corynebacterium segmentosum</i> (8) <i>Corynebacterium spp.</i> (3) <i>Corynebacterium phocae</i> (1)
33	34	M	2022/10/18	2022/10/21	fever, malaise, sore throat	<i>Corynebacterium kefirresidentii</i> (12) <i>Corynebacterium simulans</i> (10) <i>Corynebacterium sanguinis</i> (4) <i>Corynebacterium tuberculostrictaricum</i> (3) <i>Corynebacterium kroppenstedtii</i> (2) <i>Corynebacterium variabile</i> (1) <i>Corynebacterium singular</i> (1)
36	42	M	2022/10/21	2022/10/24	fever	<i>Corynebacterium segmentosum</i> (10) <i>Corynebacterium spp.</i> (8) <i>Corynebacterium ciconiae</i> (3) <i>Corynebacterium kalinowskii</i> (1)
37	61	F	2022/10/24	2022/10/24	sore throat	<i>Corynebacterium segmentosum</i> (6) <i>Corynebacterium kefirresidentii</i> (4)
38	31	M	2022/10/24	2022/10/25	fever, malaise, stomach ache, nausea	<i>Corynebacterium segmentosum</i> (99) <i>Corynebacterium kefirresidentii</i> (23) <i>Corynebacterium tuberculostrictaricum</i> (21) <i>Corynebacterium sanguinis</i> (11) <i>Corynebacterium occultum</i> (9) <i>Corynebacterium lipophiloflavum</i> (4) <i>Corynebacterium singular</i> (3) <i>Corynebacterium phocae</i> (3) <i>Corynebacterium simulans</i> (2) <i>Corynebacterium glutamicum</i> (2) <i>Corynebacterium ciconiae</i> (1) <i>Corynebacterium macginleyi</i> (1)

Corynebacterium urogenitale (1)
Corynebacterium endometritii (1)

40 66 F 2022/10/27 2022/10/28 fever, diarrhea

Corynebacterium sp. (31)
Corynebacterium segmentosum (8)
Corynebacterium occultum (5)
Corynebacterium kefirresidentii (4)
Corynebacterium tuberculostearicum (3)
Corynebacterium sanguinis (3)
Corynebacterium simulans (2)
Corynebacterium phocae (2)
