

Table S1 Detail mNGS results of 27 cases

Patient ID	Sex	Age	Group	mNGS results and reads from BALF
01	Male	67	Severe	Chlamydia psittaci (92)
02	Male	52	Severe	Chlamydia psittaci (168)
03	Male	68	Non-severe	Chlamydia psittaci (20)
04	Male	56	Non-severe	Chlamydia psittaci (2)
05	Female	55	Non-severe	Chlamydia psittaci (18)
06	Female	52	Non-severe	Chlamydia psittaci (53)
07	Female	47	Non-severe	Chlamydia psittaci (15)
08	Female	63	Non-severe	Chlamydia psittaci (900)
09	Female	47	Non-severe	Chlamydia psittaci (180)
10	Female	61	Severe	Chlamydia psittaci (271), Chlamydia abortus (20)
11	Male	51	Severe	Chlamydia psittaci (3686), Chlamydia abortus (194)
12	Male	71	Severe	Chlamydia psittaci (4458), Chlamydia abortus (369)
13	Male	79	Severe	Chlamydia psittaci (182), Chlamydia abortus (18)
14	Male	68	Non-severe	Chlamydia psittaci (254), Chlamydia abortus (5)
15	Male	78	Severe	Chlamydia psittaci (1219), Candida tropicalis (9)
16	Male	68	Severe	Chlamydia psittaci (75), Chlamydia abortus (5), Actinomyces (3)
17	Male	74	Severe	Chlamydia psittaci (728), Chlamydia abortus (40), Staphylococcus hominis (25)
18	Male	57	Severe	Chlamydia psittaci (3521), Chlamydia abortus (13), Tropheryma whipplei (450)
19	Male	64	Severe	Chlamydia psittaci (45), Chlamydia abortus (3), streptococcus mitis (6), Veillonella parvula (3)
20	Female	72	Severe	Chlamydia psittaci (71), Acinetobacter baumannii (23), Acinetobacter johnsonii (3)
21	Female	71	Severe	Chlamydia psittaci(138), Pseudomonas aeruginosa (4), Candida albicans (77):
22	Female	58	Severe	Chlamydia psittaci (105), Achromobacter xylosoxidans (4), Pseudomonas monteilii (3), Stenotrophomonas maltophilia (3)
23	Male	63	Severe	Chlamydia psittaci (586), Chlamydia abortus (28), Enterococcus faecium (261), Enterococcus durans (4), Corynebacterium accolens (53), Campylobacter rectus(4), Lautropia mirabilis (4), Tannerella forsythia (3)
24	Male	50	Non-severe	Chlamydia psittaci (106), Prevotella melaninogenica (9), Human alphaherpesvrus 1 (11)
25	Male	66	Non-severe	Chlamydia psittaci (403), Chlamydia abortus (15), Klebsiella pneumoniae (2099), Klebsiella variicola (69), Olsenella uli(28)
26	Male	51	Non-severe	Chlamydia psittaci (6), Aggregatibacter segnis (60), Aggregatibacter Aphrophilus(3), Gemella morbillorum (14), Dolosigranulum pigrum (8), Mycobacteroides abscessus (3)
27	Female	82	Non-severe	Chlamydia psittaci (232), Chlamydia abortus (16), Ureaplasma parvum (4), Moraxella Catarrhalis (29), Haemophilus influenzae (8), Human gamma herpesvirus 4 (6)