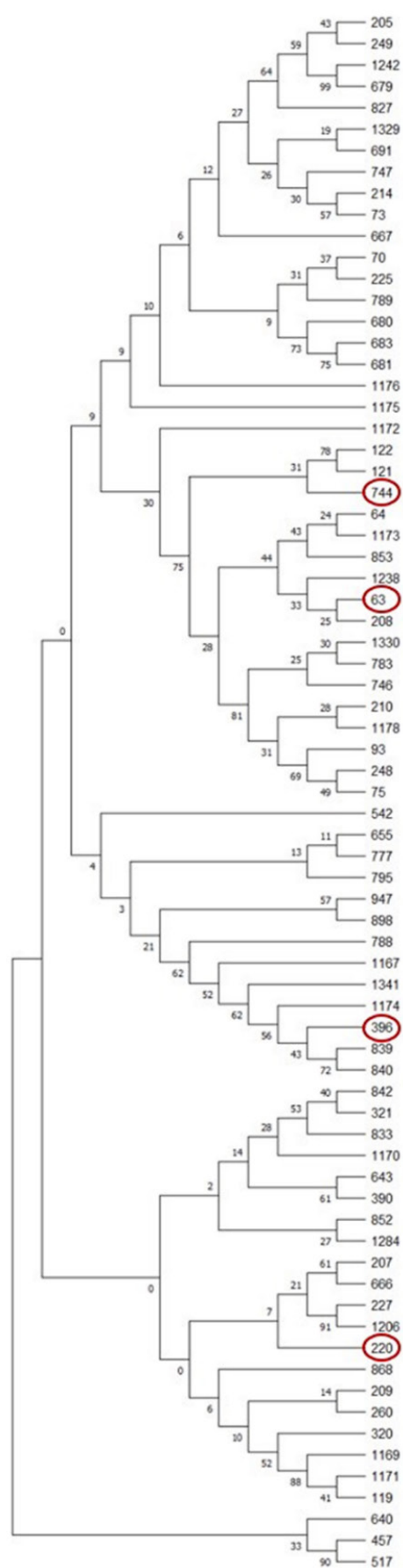




Supplementary Figure S1. Phylogenetic analysis of concatenated sequences of 7 MLST genes of *A. pittii*. A phylogenetic tree was constructed from the concatenated sequence of the MLST allelic loci using the neighbor-joining method with MEGA-X software. The seven CRAP isolates belonging to four STs are denoted as. The red circles shown STs were found in our studied.

Supplementary TableS1 Primers sequences for detection Acinetobacter species and carbapenem resistant genes

Genes	Primer sequence (5'-3')	References
D14	GACAACAGTTATAAGGTTTCAGGTG	13
D19	CCGCTATCTGTATCCGCAGTA	
D16	GATAACAGCTATAAAGTTTCAGGTGGT	
D8	CAAAAACGTACAGTTGTACCACTGC	
Sp2F	G TTCCTGATCCGAAATTCTCG	
Sp4F	CACGCCGTAAGAGTGCATTA	
Sp4R	AACGGAGCTTGTCAGGGTTA	
OXA-51-like	F-TAATGCTTTGATCGGCCTTG	16
	R-TGGATTGCACTTCATCTTGG	
OXA-23-like	F-GATCGGATTGGAGAACCAGA	
	R-ATTTCTGACCGCATTTCCAT	
OXA-24-like	F-GGTTAGTTGGCCCCCTTAAA	
	R-AGTTGAGCGAAAAGGGGATT	
OXA-58-like	F-AAGTATTGGGGCTTGTGCTG	
	R-CCCTCTGCGCTCTACATAC	
OXA-10-like	F-TTAGGCCTCGCCGAAGCG	17
	R-CTTTGTTTTAGCCACCAATGATG	
IMP	F-GGAATAGAGTGGCTTAAYTCTC	18
	R- GGTTTAAYAAAAACAACCACC	
OXA48-like	F- GCGTGGTTAAGGATGAACAC	
	R- CATCAAGTTCAACCCAACCG	
NDM	F- GGTTTGGCGATCTGGTTTTTC	
	R- CGGAATGGCTCATCACGATC	
KPC	F- CGTCTAGTTCTGCTGTCTTG	
	R- CTTGTCATCCTTGTTAGGCG	
MCR1	F- GGGTGTGCTACCAAGTTTGC	
	R- CATTGGCGTGATGCCAGTTT	

Supplementary TableS2 Primers sequences for detection of plasmid typing

Name	Primer sequence (5'-3')	References
gr1FW	F-CATAGAAATACAGCCTATAAAG	19
gr1RV	-RTTCTTCTAGCTCTACCAAAT	
Gr2FW	F-AGTAGAACAACGTTTAATTTTATTGGC	
Gr2RV	R-CCACTTTTTTTAGGTATGGGTATAG	
Gr3FW	F-TAATTAATGCCAGTTATAACCTTG	
Gr3RV	R-GTATCGAGTACACCTATTTTTTGT	
Gr5FW	F-AGAATGGGGAACTTTAAAGA	
Gr5RV	R-GACGCTGGGCATCTGTTAAC	
Gr18FW	F-TCGGGTATCACAATAACAA	
Gr18RV	R-TAGAACATTGGCAATCCATA	
Gr7FW	F-GAACAGTTTAGTTGTGAAAG	
Gr7RV	R-TCTCTAAATTTTTCAGGCTC	
Gr9FW	F-GCAAGTTATACATTAAGCCT	
Gr9RV	R-AAAAATAAACGCTCTGATGC	
Gr4FW	F-GTCCATGCTGAGAGCTATGT	
Gr4RV	R-TACGTCCCTTTTATGTTGC	
Gr11FW	F-GGCTATTCAAAACAAAGTTAC	
Gr11RV	R-GTTTCCTCTCTTACACTTTT	
Gr12FW	F-TCATTGGTATTCGTTTTTCAAAACC	
Gr12RV	R-ATTTACGCTTACCTATTTGTC	
Gr10FW	F-TTTCACTAGCTACCAACTAA	
Gr10RV	R-ACACGTTGGTTTGGAGTC	
Gr13FW	F-CAAGATCGTGAAATTACAGA	
Gr13RV	R-CTGTTTATAATTTGGGTCGT	
Gr8FW	F-AATTAATCGTAAAGGATAATGC	
Gr8RV	R-GACATAGCGATCAAATAAGC	

Gr14FW	F-TTAAATGGGTGCGGTAATTT	
Gr14RV	R-GCTTACCTTTCAAACTTTG	
Gr15FW	F-GGAAATAAAAATGATGAGTCC	
Gr15RV	R-ATAAGTTGTTTTTGTGTATTGCG-	
Gr16FW	F-CTCGAGTTCAGGCTATTTTT	
Gr16RV	R-GCCATTTCTGAAGATCTAAAC	
Gr17FW	F-AATAACACTTATAATCCTTGTA	
Gr17RV	R-GCAAATGTGACCTCTAATATA	
Gr6FW	F-AGCAAGTACGTGGGACTAAT	
Gr6RV	R-AAGCAATGAAACAGGCTAAT	
Gr19FW	F-ACGAGATACAAACATGCTCA	
Gr19RV	R-AGCTAGACATTCAGGCATT	

Supplementary TableS3. Genome information of carbapenem resistance *Acinetobacter pittii*

Sample	Total length (bp)	N50 length (bp)	Max length (bp)	Min length (bp)	GC content (%)	Average length (bp)
A1	4380367	216817	503904	281	38.67	62576.67
A56	4034194	88018	402818	281	38.78	33618.28
A273	3970201	91064	215838	281	38.79	33933.34
A436	4,204,171	72,982	272,977	365	38.6	545981
A864	4034895	79364	243857	281	38.81	58526.61
A984	4,127,158	75,037	231,589	281	38.79	535843