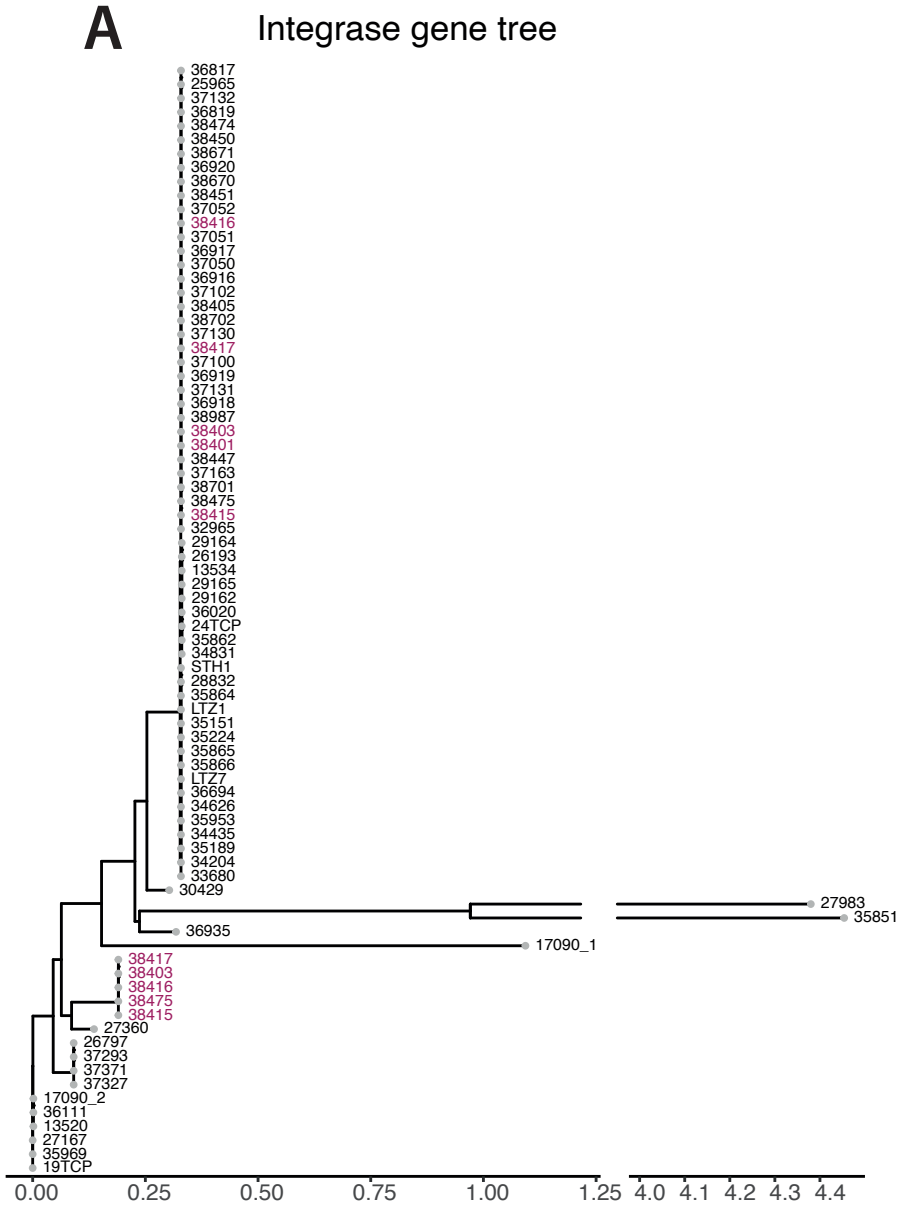
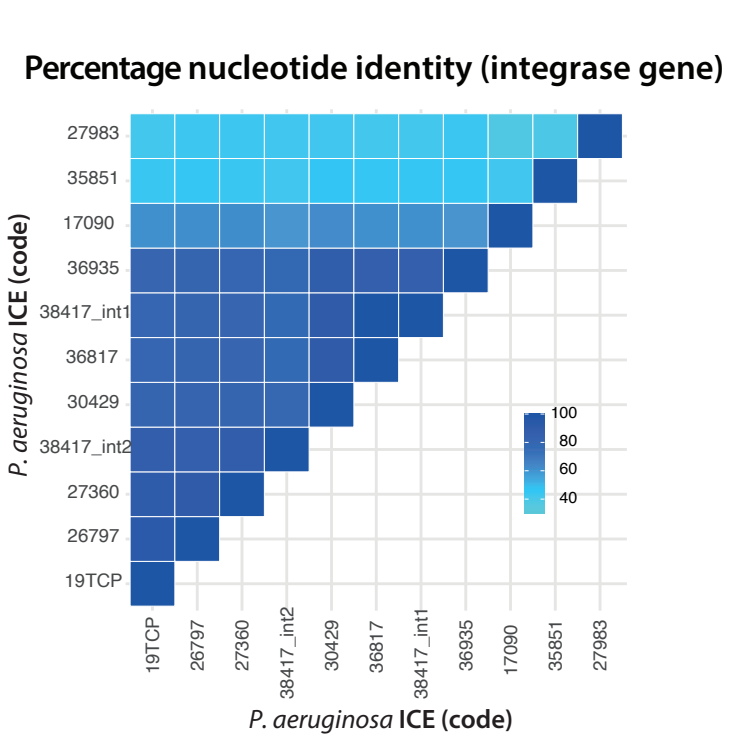

A
Integrase gene tree
36817
25965
37132
36819
38474
38450
38671
36920
38670
38451
37052
38416
37051
36917
37050
36916
37102
38405
38702
37130
38417
37100
36919
37131
36918
38987
38403
38401
38447
37163
38701
38475
38415
32965
29164
26193
13534
29165
29162
36020
24TCP
35862
34831
STH1
28832
35864
LTZ1
35151
35224
35865
35866
LTZ7
36694
34626
35953
34435
35189
34204
33680
30429
27983
35851
36935
17090_1
38417
38403
38416
38475
38415
27360
26797
37293
37371
37327
17090_2
36111
13520
27167
35969
19TCP
0.00
0.25
0.50
0.75
1.00
1.25
4.0
4.1
4.2
4.3
4.4


B
Percentage nucleotide identity (integrase gene)
27983
35851
17090
36935
38417_int1
36817
30429
38417_int2
27360
26797
19TCP
100
80
60
40
19TCP
26797
27360
38417_int2
30429
36817
38417_int1
36935
17090
35851
27983
P. aeruginosa ICE (code)
P. aeruginosa ICE (code)