

Table S1. Morphological characteristics of bacterial isolates								
Strains	Colony Shape	Color	Margin	Colony Size	Colony texture	Transparency	Colony Elevation	Colony Surface
A1	Round	Yellow, Cream, White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
A2	Round	Yellow, White	Smooth & Regular	Small to Medium	Moist	Opaque	Convex	Smooth
A3	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
A4	Round	Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
A5	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
A6	Round	White & Opaque	Smooth & Regular	Medium	Dry	Opaque	Flat	Smooth
A7	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
B1	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
B2	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
B3	Round	Yellow, White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
B4	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
B5	Round	Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
B6	Round	Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C1	Round	Yellow & White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C2	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C3	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth

C4	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C5	Round	Cream & White	Smooth & Regular	Small to Medium	Dry	Opaque	Flat	Smooth
C6	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C7	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C8	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
C9	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
D1	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
D2	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
D3	Round	White	Smooth & Regular	Small to Medium	Dry	Opaque	Flat	Smooth
D4	Round	Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
D5	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
D6	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
E1	Round	Golden Yellow, Cream, Orange	Smooth & Regular	Small to Medium	Dry	Opaque	Flat	Smooth
E2	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
E3	Round	Golden Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
E4	Round	Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
E5	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
E6	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth

F1	Round	White & Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
F2	Round	Cream & Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
F3	Round	White & Red	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
F4	Round	Yellow, Orange, Cream	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
F5	Round	Grey	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
F6	Round	Grey	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
F7	Round	Grey	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
G1	Round	Cream & Yellow	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
G2	Round	Grey	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth
G3	Round	White	Smooth & Regular	Small	Dry	Opaque	Flat	Smooth

Table S2. Biochemical characteristics of bacterial isolates				
Strains	Microscope	Gram Staining	KOH or Sneath Test	Catalase Test
A1	Cocci, Gram-Negative	Gram-Negative	Positive	Positive
A2	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
A3	Cocci, Gram-Positive	Gram-Positive	Negative	Positive
A4	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive

A5	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
A6	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
A7	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
B1	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
B2	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
B3	Cocci, Gram-Positive	Gram-Positive	Negative	Positive
B4	Bacilli, Gram-Negative	Gram-Negative	Positive	Positive
B5	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
B6	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
C1	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C2	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C3	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C4	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C5	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
C6	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C7	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C8	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
C9	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
D1	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
D2	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
D3	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
D4	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
D5	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive

D6	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
E1	Cocci, Gram-Positive	Gram-Positive	Negative	Positive
E2	Cocci, Gram-Positive	Gram-Positive	Negative	Positive
E3	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
E4	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
E5	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
E6	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
F1	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
F2	Cocci, Gram-Positive	Gram-Positive	Negative	Positive
F3	Cocci, Gram-Positive	Gram-Positive	Negative	Positive
F4	Bacilli, Gram-Positive Spore-forming	Gram-Positive	Negative	Positive
F5	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
F6	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
F7	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
G1	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
G2	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive
G3	Bacilli, Gram-Positive	Gram-Positive	Negative	Positive