

- Day0

Day8
- multidrug

tetracycline

polymyxin

beta_lactam

rifamycin

MLS

bacitracin

aminoglycoside

vancomycin

Others
- ICE

Integron

IS

Plasmid

Transposon
- Zn

Cu

As

Co_Mg

Cr

Ag

Cu_Zn

Fe

Sb_As

Others
- IronUptake

Adherence

ImmuneEvasion

MotilityInvasionAdherence

SecretionSystem

AdherenceInvasion

Antiphagocytosis

EffluxPump

Regulation

Others
- ACID

BIOCID

HEAT

- Day0

Day8
- Klebsiella

Escherichia

Enterobacter

Bifidobacterium

Bacteroides

Pseudomonas

Citrobacter

Acinetobacter

Phocaeicola

Others
- Bacteroides

Phocaeicola

Parabacteroides

Faecalibacterium

Segatella

Alistipes

Blautia

Mediterraneibacter

Roseburia

Others
- Klebsiella

Enterobacter

Escherichia

Pseudomonas

Citrobacter

Acinetobacter

Serratia

Salmonella

Shigella

Others
- Klebsiella

Escherichia

Pseudomonas

Enterobacter

Streptococcus

Acinetobacter

Vibrio

Shigella

Serratia

Others

- Day0

Day8
- Pathogen

NonPathogen