

Healthy
Hospitalization

multidrug
polymyxin
tetracycline
MLS
beta_lactam
rifamycin
aminoglycoside
bacitracin
vancomycin
Others

ICE
Integron
IS
Plasmid
Transposon

Cu
Zn
Ag
As
Co_Mg
Fe
Cu_Zn
Cu_Ag
Ni
Others

Adherence
IronUptake
MotilityInvasionAdherence
SecretionSystem
ImmuneEvasion
Toxin
Antiphagocytosis
EffluxPump
Regulation
Others

ACID
BIOCIDE
HEAT

Healthy
Hospitalization

Klebsiella
Escherichia
Enterobacter
Pseudomonas
Citrobacter
Bifidobacterium
Enterococcus
Acinetobacter
Serratia
Others

Bacteroides
Klebsiella
Phocaeicola
Escherichia
Blautia
Enterobacter
Enterococcus
Faecalibacterium
Mediterraneibacter
Others

Klebsiella
Escherichia
Enterobacter
Pseudomonas
Citrobacter
Acinetobacter
Serratia
Salmonella
Shigella
Others

Klebsiella
Escherichia
Pseudomonas
Enterobacter
Shigella
Enterococcus
Streptococcus
Acinetobacter
Citrobacter
Others

Healthy
Hospitalization

Pathogen
NonPathogen