



Common foodborne pathogenic bacteria



- *Salmonella*
- *Campylobacter*
- *Escherichia*
- *Shigella*
- *Vibrio*
- *Clostridia*
- *Staphylococcus*
- *Yersinia*





Available methods for detection and characterization of foodborne pathogens

- PFGE
- AFLP
- Rep-PCR
- MLVA (VNTRs)
- MLST
- Ribotyping
- ISO typing
- Microarray hybridization
- Optical mapping
- Whole genome sequencing
- Real-time PCR
- PCR/sequencing
- RFLP



Daubert

Daubert v. Merrill Dow Pharmaceuticals, Inc.
(1993)



- Four non-exclusive factors:
 - Testability
 - Peer Review
 - Error Rate
 - General Acceptance

