Exclude organisms with different scientific name

(n=157)

Isolates missing IFSAC category (n=21665) and out of the US (n=1945)

Isolates missing location information (n=6509)

Isolates missing isolation source (n=8796)

Total number of isolates downloaded from the NCBI

(n=53725)

Isolates with non-missing IFSAC food category and obtained from the US

(n=14810)

Listeria monocytogenesis isolates included in analysis

(n=14653)

Isolates with non-missing location and source

(n=38420)