

2. Category Description Scientific name *Listeria monocytogenes* Collection date Date the sample was collected Location Location from which the sample was collected Isolation type Clinical or environmental/other Serovar Serovar AMR genotype List of the AMR genotypes identified in sample After the data were downloaded from the NPDIB, they were formatted for subsequent analysis. Antimicrobial Resistance Data from the NCBI Pathogen Detection Isolate Browser The NCBI Pathogen Detection Isolate Browser (NPDIB) currently contains almost a million total isolates covering 34 organism groups [21]. A MATLAB program was written to extract the AMR genotype data from a single column into multiple columns. Table 1.