

Category Description Scientific name *Listeria monocytogenes* Collection date Date the sample was.2
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