**Data Dictionary**

**Supplementary Datasheet 2**

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| --- | --- | --- |
| **Column Name** | | **Definition** |
| Strain |  | Isolate name, submitted by sequencing lab |
| NCBI\_ACCESSION | | Identifying number for NCBI to link with the RAW genome sequence stored in NCBI database |
| SISTR1\_Serotype | | Predicted serotype for the Salmonella isolate using WGS data using SISTR ver. 1 tool |
| PFGE XbaI pattern | | PFGE pattern ID |
| ST\_7MLST |  | Sequence Type based on legacy MLST type |
| eBG\_7MLST |  | e Burts group based on Legacy MLST type |
| HC5\_cgMLST | | Hierarchical Cluster (allelic distance <=5 ) profile Number, based on core genome MLST type |
| HC2\_cgMLST | | Hierarchical Cluster (allelic distance <=2 ) profile Number, based on core genome MLST type |
| IsolatDate |  | Date the Salmonella isolate was collected |
| Age |  | Age of case, isolate was collected from at the time of illness |
| Gender |  | Gender of case, isolate was collected from |
| Ethnicity |  | Ethnicity of case, isolate was collected from |
| Source Niche | | Source of isolate (human/animal/environmental) |
| Source Site |  | Type of source isolate identified in (Blood, stool, urine, wound) |
| COUNTYNAME | | Name of County (converted form reported zip code) where patient from whome sample have been islated, resides |

**Supplementary Datasheet 3**

|  |  |  |
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| **Column Name** | | **Definition** |
| Strain |  | Isolate name, submitted by sequencing lab |
| NCBI\_ACCESSION | | Identifying number for NCBI to link with the RAW genome sequence stored in NCBI database |
| SISTR1\_Serotype | | Predicted serotype for the Salmonella isolate using WGS data using SISTR ver. 1 tool |
| HC5\_cgMLST | | Hierarchical Cluster (allelic distance <=5 ) profile Number, based on core genome MLST type |
| HC2\_cgMLST | | Hierarchical Cluster (allelic distance <=2 ) profile Number, based on core genome MLST type |
| Source Niche | | Source of isolate (human/animal/environmental) |
| IsolatDate | | Date the Salmonella isolate was collected |  |
| Location |  | USA State of Sample Collection |
| Collected By | | Name of agency who collected the sample from collection site |
| Virulence\_genotypes | | Antimicrobial genotypes predicted by NCBI AMRFinder |
| AMR\_genotypes | | Antimicrobial genotypes predicted by NCBI AMRFinder |