**Genomes used for initial core genome MLST analysis**

Reference Genome (n=1):

\* NC\_013361.1, 5697240 bases, 6035 genes with CDS (Escherichia coli O26:H11 str. 11368 DNA, complete genome.)

Query Genomes (n=12):

\* AP010953.1, 5697240 bases, 5609 genes with CDS (Escherichia coli O26:H11 str. 11368 DNA, complete genome.)

\* JHLS00000000.1, 5350454 bases, 200 contigs (Escherichia coli O26:H11 str. 2011C-3506, whole genome shotgun sequencing project.)

\* NZ\_LDXG00000000.1, 5526827 bases, 192 contigs (Escherichia coli strain 36708, whole genome shotgun sequencing project.)

\* AJVW00000000.1, 5619284 bases, 568 contigs (Escherichia coli O26:H11 str. CVM9942, whole genome shotgun sequencing project.)

\* CDLB00000000.1, 5676107 bases, 102 contigs (Escherichia coli O26:H11 strain Escherichia coli O26:H11 21765, whole genome shotgun sequencing project.)

\* JAST00000000.1, 5929970 bases, 22 contigs (Escherichia coli O26:H11 str. 2011C-3274, whole genome shotgun sequencing project.)

\* JHGZ00000000.1, 5239028 bases, 232 contigs (Escherichia coli O26:H11 str. 2009C-3612, whole genome shotgun sequencing project.)

\* LDXD00000000.1, 5570467 bases, 208 contigs (Escherichia coli strain 36348, whole genome shotgun sequencing project.)

\* JHMP00000000.1, 5421612 bases, 275 contigs (Escherichia coli O26:H11 str. 2010C-4819, whole genome shotgun sequencing project.)

\* LPTV00000000.1, 5625488 bases, 291 contigs (Escherichia coli strain CFSAN025091, whole genome shotgun sequencing project.)

\* LPTU00000000.1, 5639258 bases, 298 contigs (Escherichia coli strain CFSAN025090, whole genome shotgun sequencing project.)

\* LPZA00000000.1, 5548726 bases, 251 contigs (Escherichia coli strain CFSAN025128, whole genome shotgun sequencing project.)