

**Supplementary Table S1:** Assembly statistics generated through WGS of UPEC isolate EC14142 from Egypt.

Depth of coverage	218x
Genome breadth (%)	99.2
Number of reads	5,167,285
Total length of sequences	5,936,425
Total number of contigs	296
N50 (bp)	85375
GC (%)	51.2
CDSs	4,728
5s, 16s, 23rrna	1, 1, 1