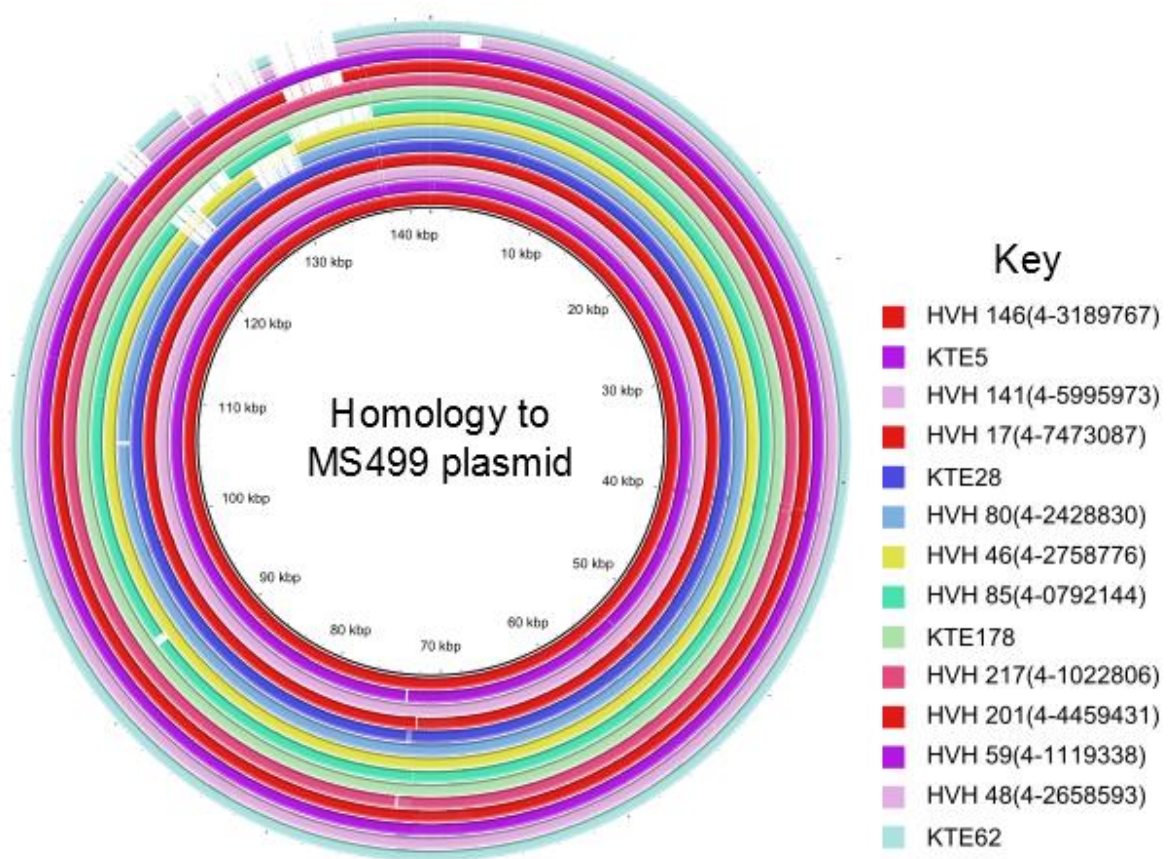


## Additional file 7: Homologous sequences to the putative MS499 plasmid found in ExPEC genomes

We identified close homologues to all ExPEC-associated genes encoded on the putative MS499 plasmid in 14 ExPEC genomes. We then used BRIG [1] to visualise the degree of homology to the MS499 plasmid present in these strains. These results showed high levels of similarity to the MS499 plasmid in all 14 ExPEC genomes, particularly HVH 146(4-3189767) which contains homologous sequences to the entire MS499 plasmid.



1. Alikhan N-F, Petty N, Ben Zakour N, Beatson S: **BLAST Ring Image Generator (BRIG): simple prokaryote genome comparisons.** *BMC Genomics* 2011, **12**(1):402.