**Supplementary Figure 2.** Mapping results of FFPE 2 sequences with Culture 2 and ten GenBank *H. pylori* strains.
Single-base resolution: Mapping of FFPE 2 against strain B8 11.1% mapped

ORF resolution: Mapping of FFPE 2 against strain B8 48.4% mapped

Single-base resolution: Mapping of FFPE 2 against strain B8 - plasmid, 3% mapped

ORF resolution: Mapping of FFPE 2 against strain B8 - plasmid, 40% mapped
Single-base resolution: Mapping of FFPE 2 against strain B38 11.2% mapped

ORF resolution: Mapping of FFPE 2 against strain B38 51.7% mapped

Single-base resolution: Mapping of FFPE 2 against strain G27 10.9% mapped

ORF resolution: Mapping of FFPE 2 against strain G27 49.9% mapped
No read was mapped against P12 plasmid.
No read was mapped against PeCan4 plasmid.