Supplementary information

Table S1 – List of genes identified as essential in LB rich medium, essential intergenic regions and the raw data.

Table S2 – Comparison of *B. cenocepacia* J2315 essential genes identified by Wong et al. (2016) with essential genes identified in H111. Common essential genes and H111 specific genes are also shown.

Table S3 – Essential genes data from Bloodworth et al., (2013) compared with the LB rich medium Tn-Seq dataset.

Table S4 – Details of the genes identified as essential in ABC minimal medium, genes specific for ABC medium in comparison to LB, essential intergenic regions and the raw data.

Table S5 – Comparison of genes identified by Schwager et al., 2013 as unable to grow in ABC media with essential genes identified using Tn-Seq

Table S6 – List of genes identified as essential in LB rich medium cultured under 0.5% O_2 conditions. Genes specific for 0.5% O_2 in comparison to LB, essential intergenic regions and the raw data.

Table S7 – Details of the core essential genome of *B. cenocepacia* H111 and a functional breakdown of those genes.

Table S8 – List of bacterial strains and plasmids.

Table S9 – List of primers used in this study.

Figure S10 – Calculation of UIDs and determination of cut-off values.