Pipeline benchmark report

This report was generated by the 'benchmark_calculations.py' script.
A summary table of the raw data is available under the name 'reference_table.tsv'
For further information on the data and how percentages were calculated, take a look at the README file
The sensitivity and specificity were calculated using the data from the following paper:
https://www.sciencedirect.com/science/article/pii/S1198743X15600660?via%3Dihub

Sample information (Gram Negative)

Total samples	Carbapenem resistant samples (MIC Eucast)	Carbapenem susceptible samples (MIC Eucast)
15	12	3

Phenotype(MIC) Sensitivity and Specificity

Diag Pipelines 2.6.0	New Pipeline
Sensitivity: 92 %	Sensitivity: 92 %
Specificity: 33 %	Specificity: 33 %

Microarray Sensitivity

Diag Pipelines 2.6.0	New Pipeline
Sensitivity: 91 %	Sensitivity: 94 %

Sample information (Gram Positive)

Total samples	Vancomycin or Methicilin resistant samples (PCR confirmed)
40	20

PCR Sensitivity and Specificity for vanA and mecA genes

Diag Pipelines 2.6.0	New Pipeline
Sensitivity: 100 %	Specficity: 100 %