**Supplementary Figure 1**. Performance of models made with CarveMe and ModelSEED for *Lactobacillus plantarum* when different media compositions were provided for the internal gap-filling performed in these tools. Networks gap-filled with CDM-like got an accuracy lower but close to the obtained with the manually-curated model. For both tools, when PMM7-like or PMM5-like was used, the accuracy score increased due to the decrease in false negative results. For both tools, the lines corresponding to PMM7-like are not visible because they overlap with the ones of PMM5-like.

