

## Raw data

### Classified – non classified

1017 and 1018: more than 95% of its reads classified.

1006 and 1012: around 17% of the reads classified.

1010: around 14% of the reads classified.

1009: around 72% of the reads classified.

1011: around 58% of the reads classified.

The rest of strains: between 80% and 98% of the reads classified.

### Taxonomy

All of them low values of bacteria, archaea, virus or human contamination.

1017 and 1018: more than 91% of the reads belong to *Saccharomyces cerevisiae*.

1006 and 1012: around 12% of the reads match with *Debaryomyces hansenii*, the rest mostly unclassified.

1010: around 10% of the reads match with *Debaryomyces hansenii*, the rest mostly unclassified.

1009: Around 68,5% of the reads match with *Debaryomyces hansenii*, the rest mostly unclassified.

1011: Around 53% of the reads match with *Debaryomyces hansenii*, the rest mostly unclassified.

The rest of strains: From 75% to 95% of the reads match with *Debaryomyces hansenii*.

## Assemblies

### Classified – non classified

1017 and 1018: around 98% of the reads classified.

1006 and 1012: around 40% of the reads classified.

1010: 75% of the reads classified.

1009 and 1011: around 96% of the reads classified

The rest of strains: Between 52% and 97% of the reads classified. Weird things: 1019 suddenly is 69,89 (raw reads: around 98%), 1005 is 52,66% (raw reads: around 98%), 1013 is 67,16% (raw reads: 96%).

## Taxonomy

All of them low values of bacteria, archaea, virus or human contamination, except for 1005 that has 6,14% of Bacteria reads, 1013 that has 3.78% of bacteria reads, and 1019 that has 3,03% of bacteria reads.

1017 and 1018: more than 97% of the reads belong to *Saccharomyces cerevisiae*.

1006 and 1012: between 25 and 33% of the reads match with *Debaryomyces hansenii*, the rest mostly unclassified.

1010: 25% of the reads match with *Debaryomyces hansenii*, the rest mostly unclassified.

1009 and 1011: Around 95% of the reads match with *Debaryomyces hansenii*.

The rest of strains: From 60% to 96% of the reads match with *Debaryomyces hansenii*.

## ITS alignment

It can be differentiated the 18s ribosomal sequence, the ITS1, the 5,8s ribosomal sequence and a bit more difficult the ITS2 and the 28s ribosomal sequence.

**Muscle:**



**ClustalW:**



**ClustalO:**



**T-Coffee:**



**K-align:**





Neighbor-joining – kimura

This one looks maybe a bit better.

