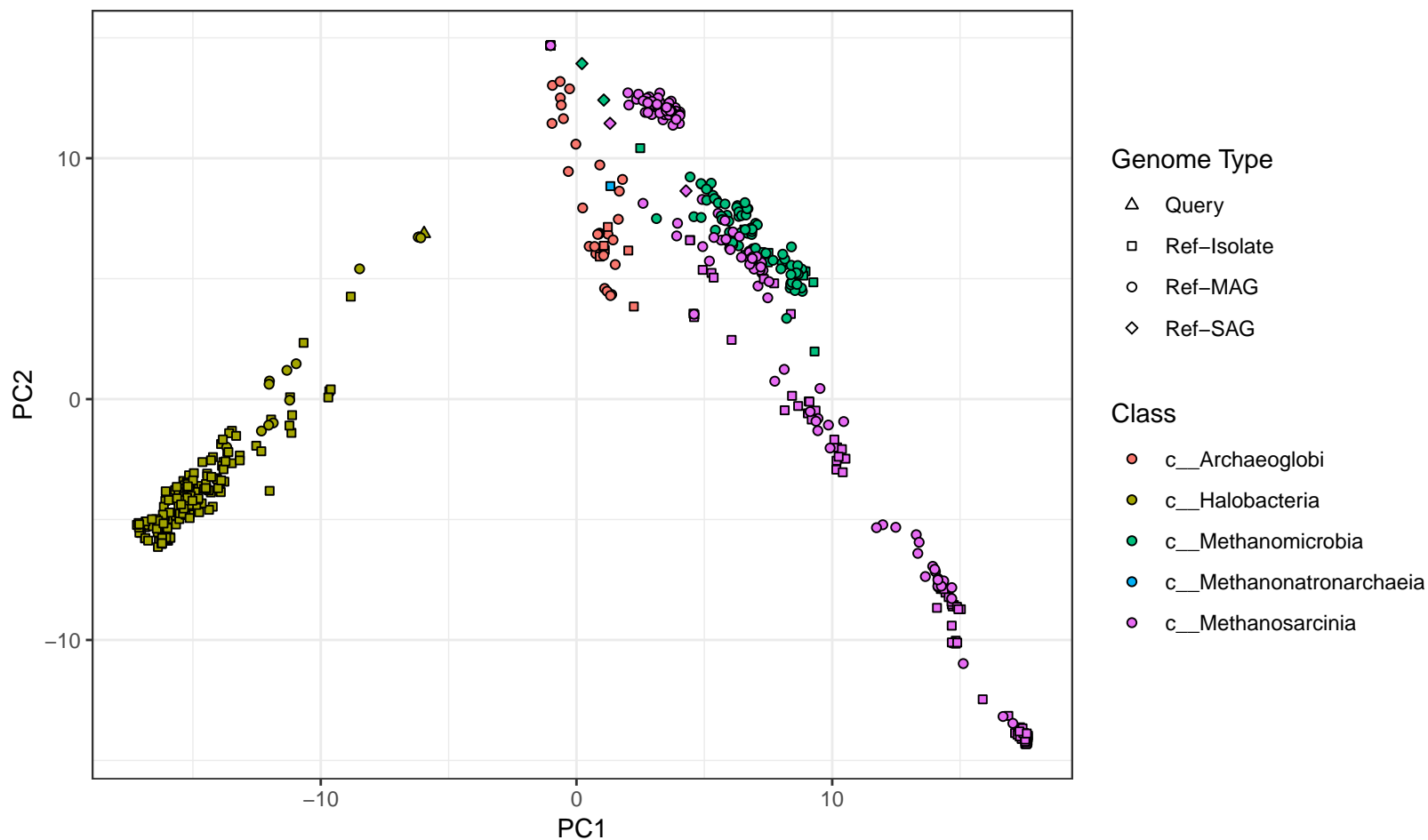


A

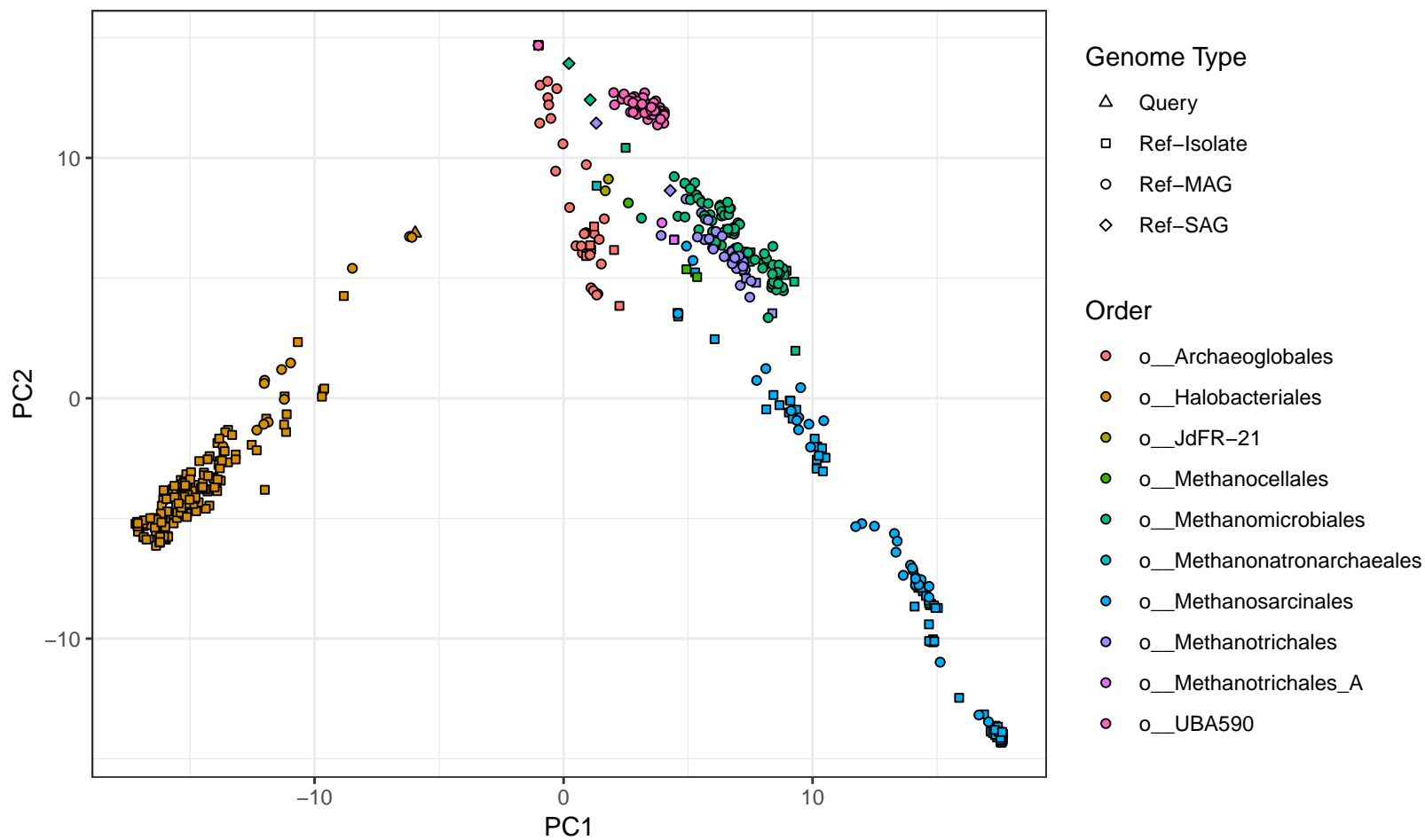
PCA of RAST annotation

Color: Class taxonomy level; Shape: Genome Type

**B**

PCA of RAST annotation

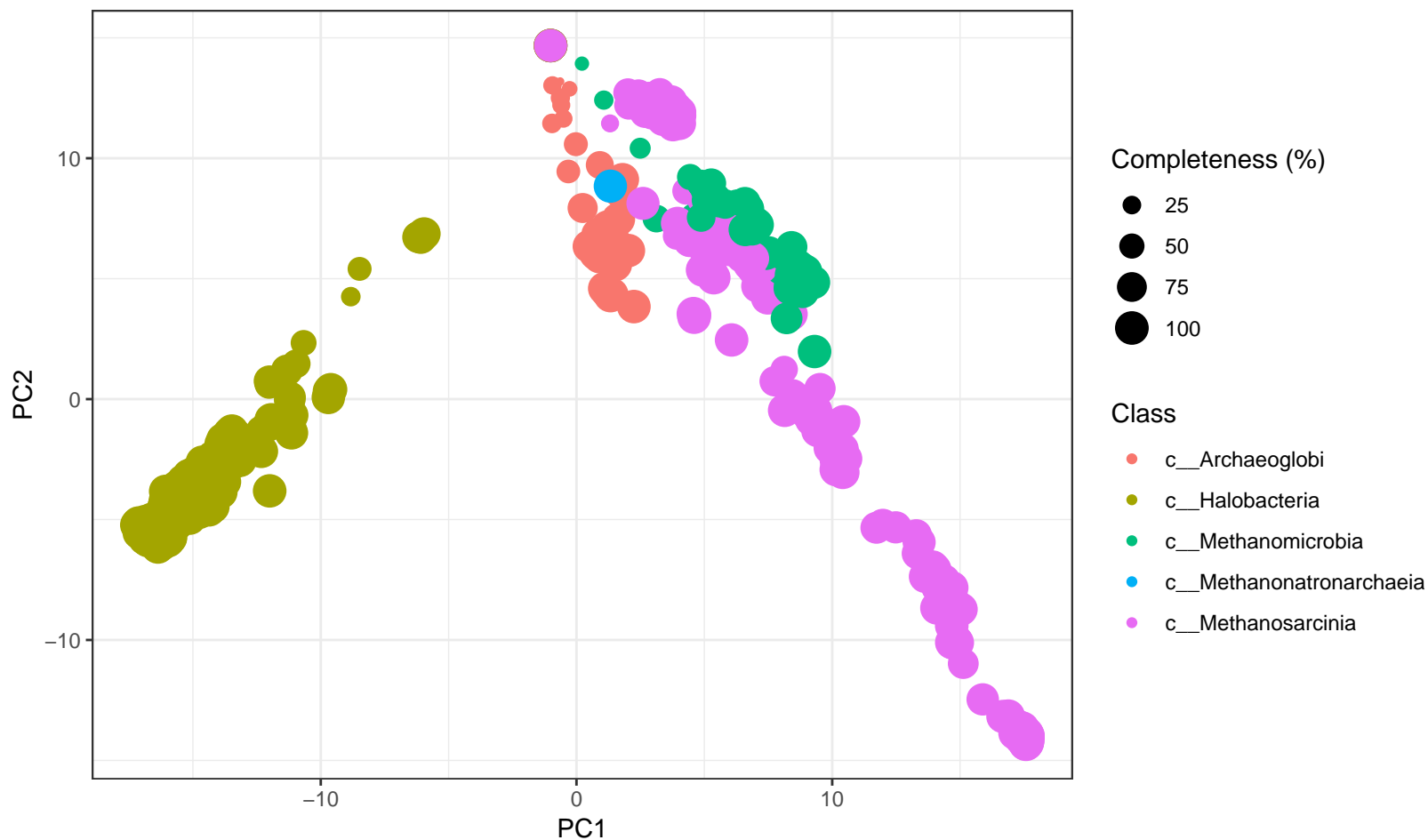
Color: Order taxonomy level; Shape: Genome Type



C

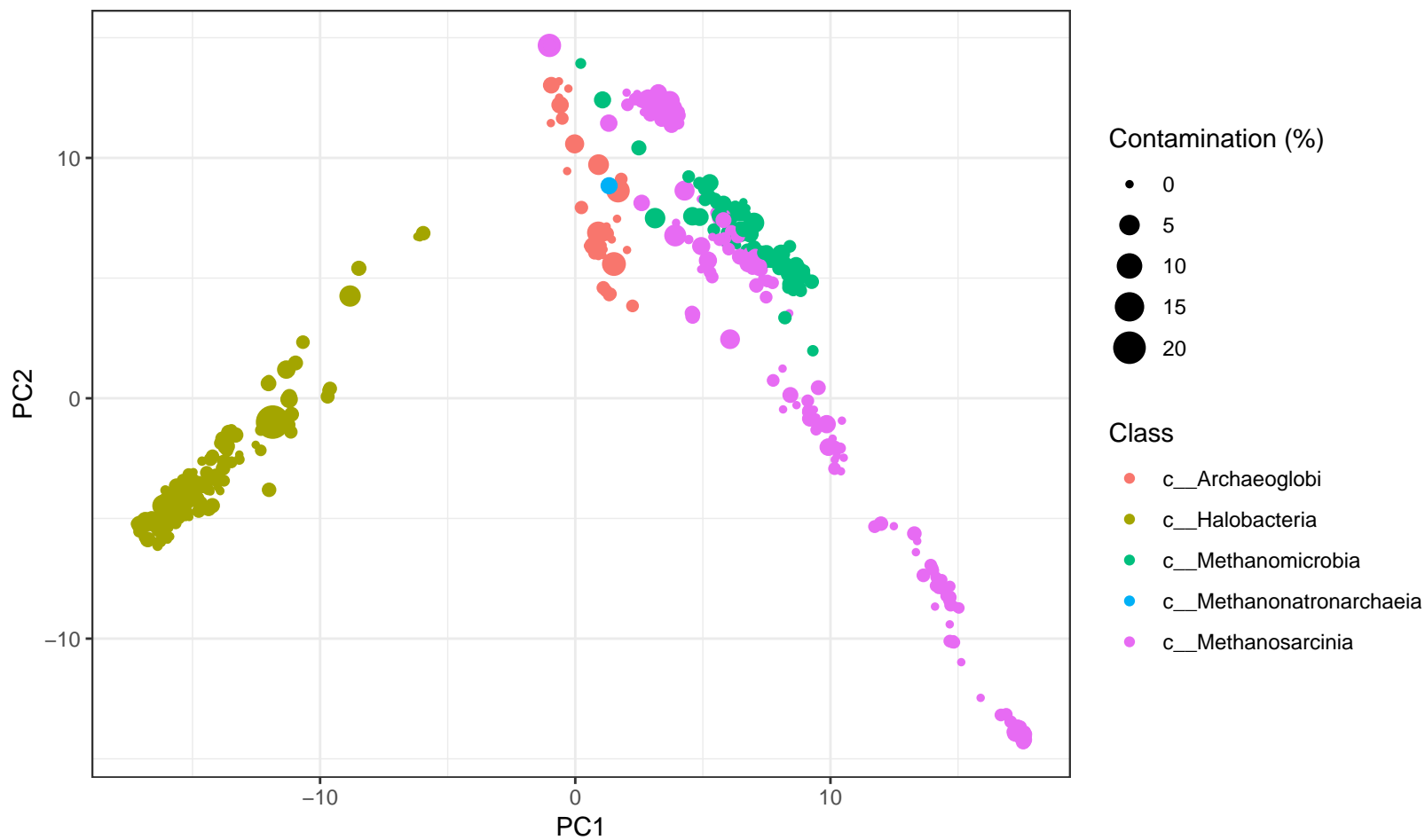
PCA of RAST annotation

Color by Class taxonomy level; Size by Completeness

**D**

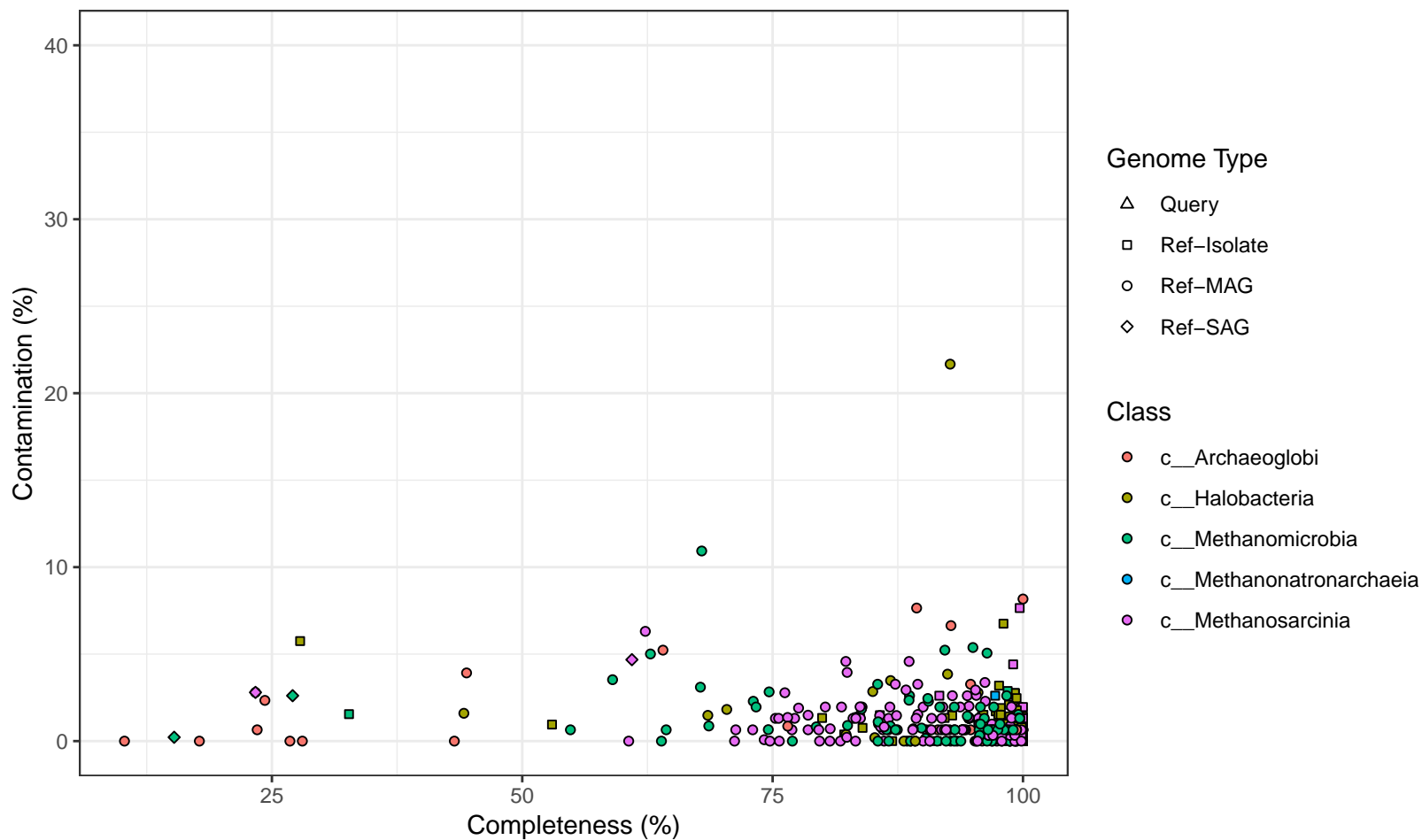
PCA of RAST annotation

Color by Order taxonomy level; Size by Contamination



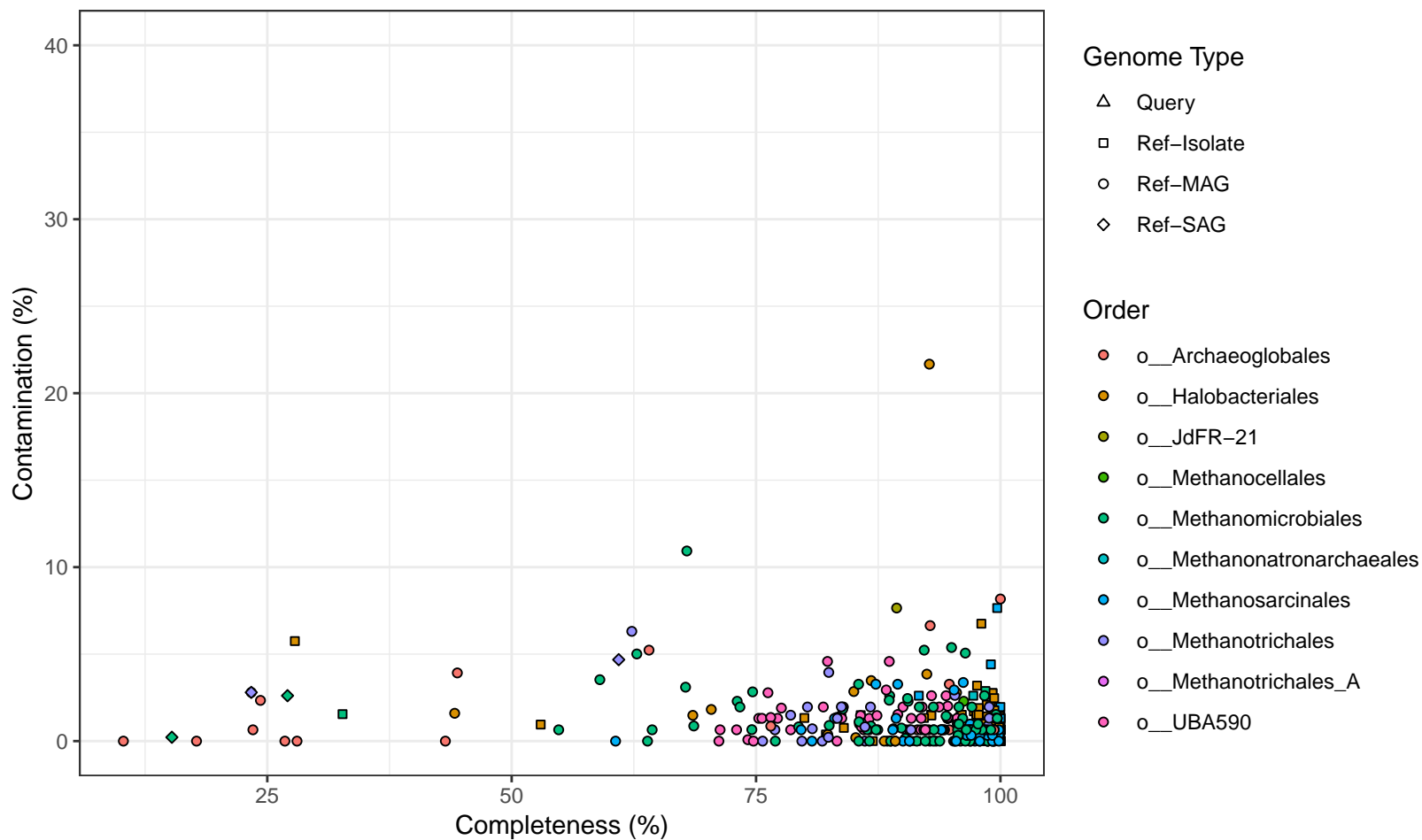
E Genome Completeness and Contamination Scatter Plot

Color: Class taxonomy level; Shape: Genome Type



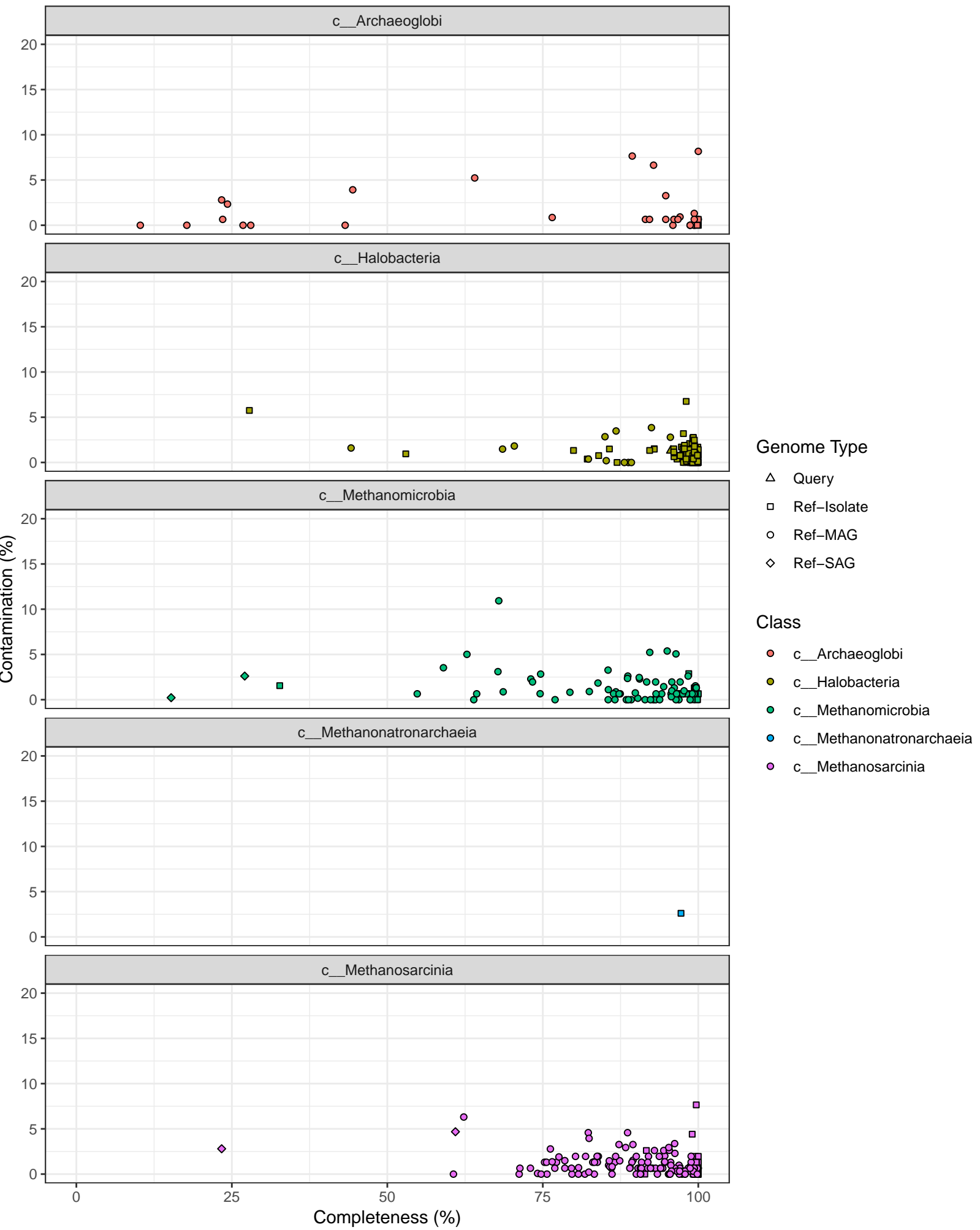
F Genome Completeness and Contamination Scatter Plot

Color: Order taxonomy level; Shape: Genome Type



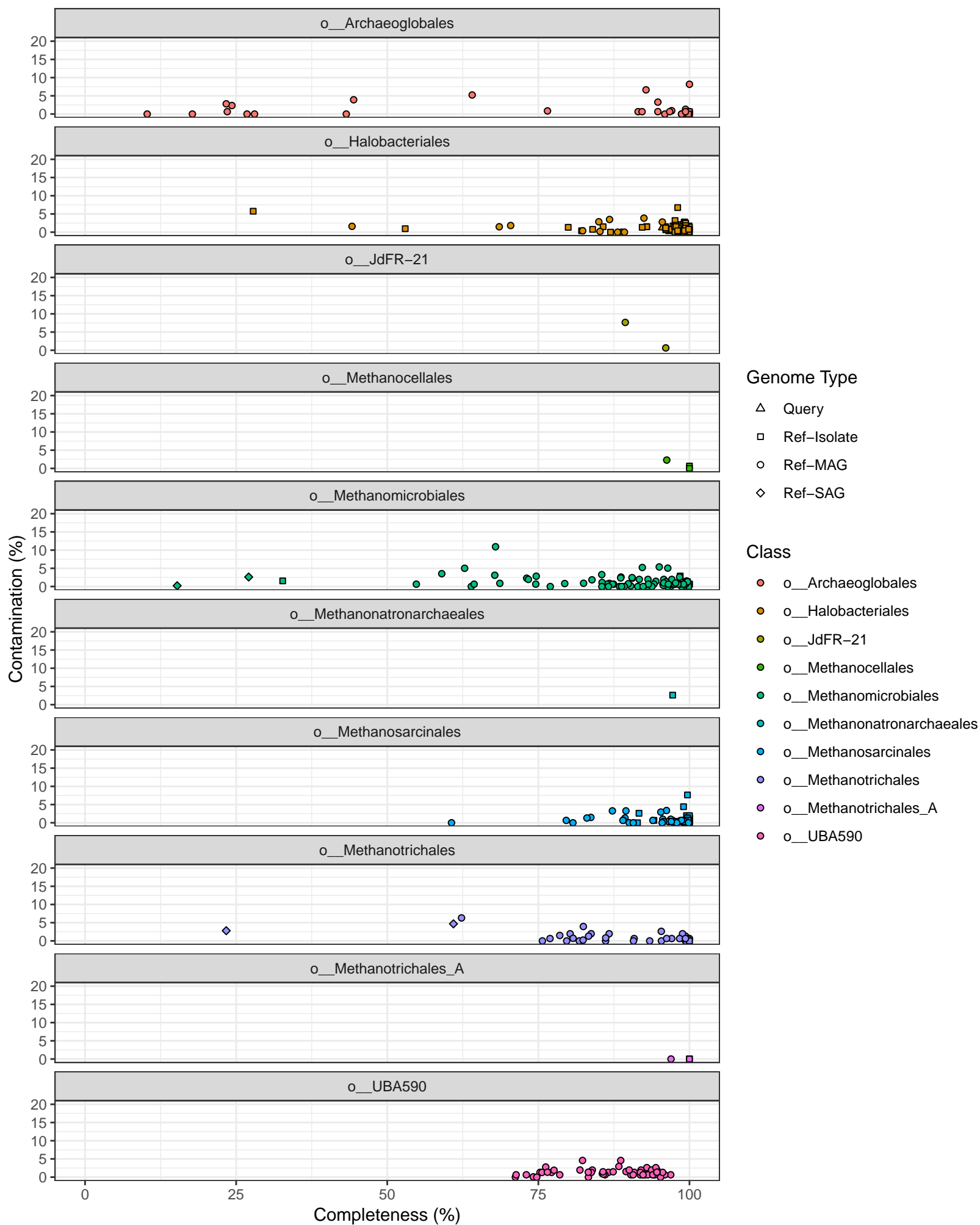
G Genome Completeness and Contamination Scatter Plot

Color: Class taxonomy level; Shape: Genome Type



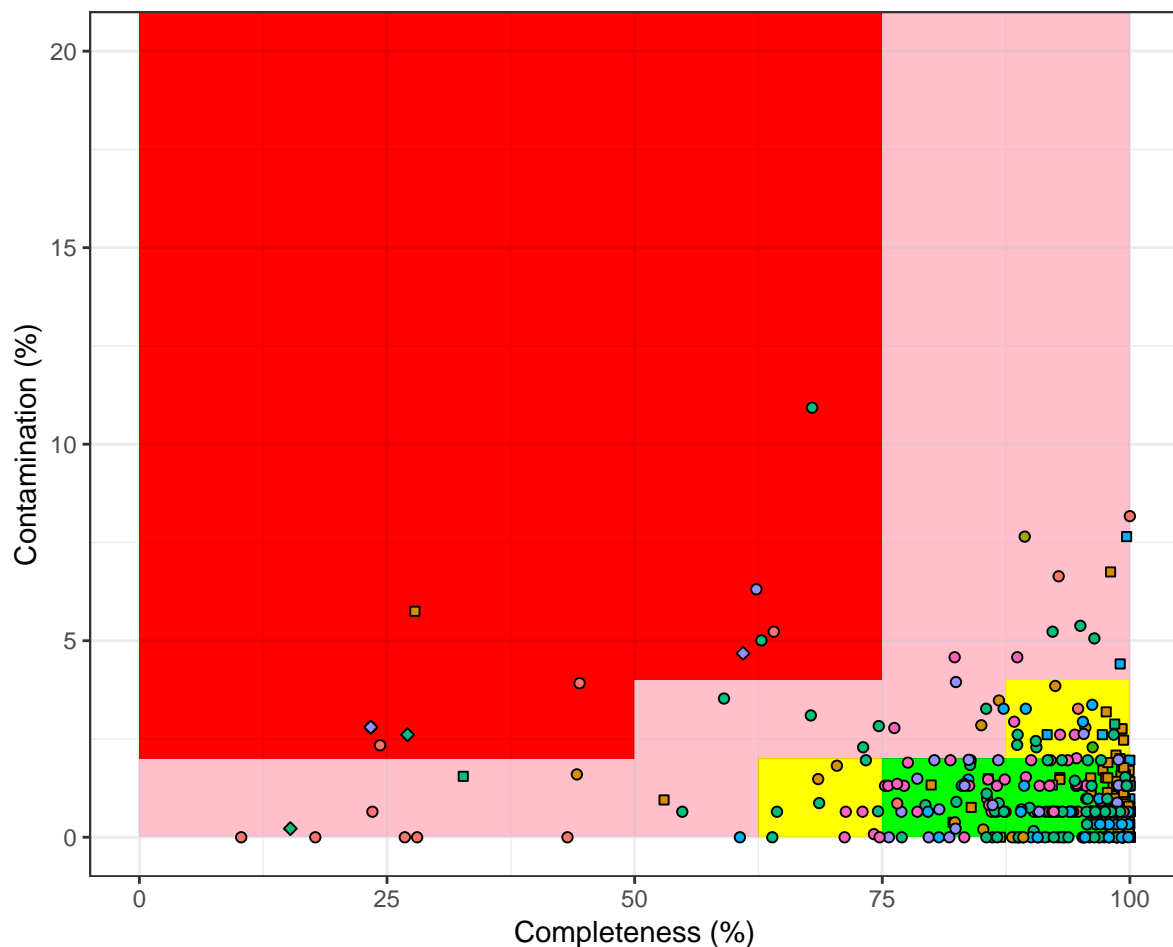
H Genome Completeness and Contamination Scatter Plot

Color: Order taxonomy level; Shape: Genome Type



I Genome Completeness and Contamination Scatter Plot

Color: Order taxonomy level; Shape: Genome Type



Genome Type

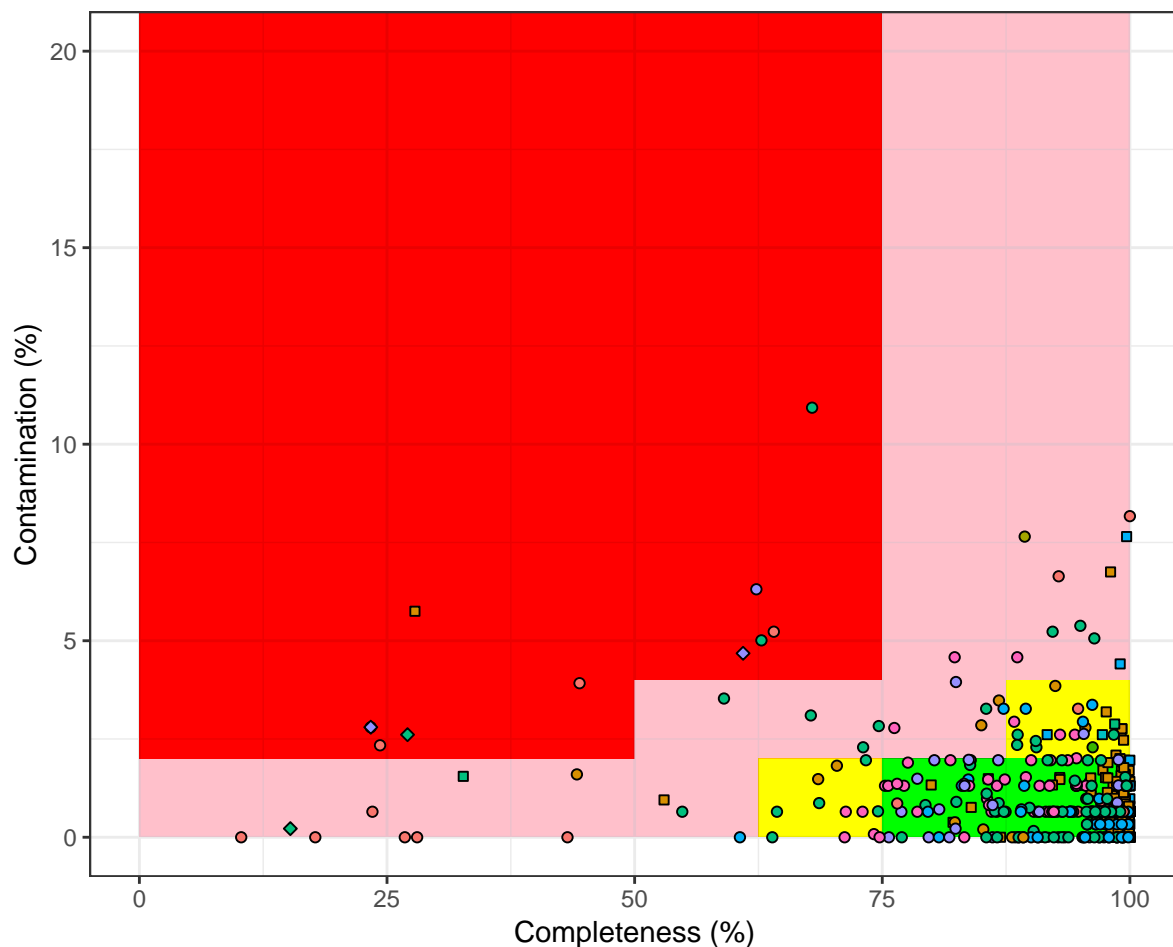
- △ Query
- Ref-Isolate
- Ref-MAG
- ◇ Ref-SAG

Order

- o__Archaeoglobales
- o__Halobacteriales
- o__JdFR-21
- o__Methanocellales
- o__Methanomicrobiales
- o__Methanonatronarchaeales
- o__Methanosarcinales
- o__Methanotrichales
- o__Methanotrichales_A
- o__UBA590

J Genome Completeness and Contamination Scatter Plot

Color: Order taxonomy level; Shape: Genome Type



Genome Type

- △ Query
- Ref-Isolate
- Ref-MAG
- ◇ Ref-SAG

Order

- o__Archaeoglobales
- o__Halobacteriales
- o__JdFR-21
- o__Methanocellales
- o__Methanomicrobiales
- o__Methanonatronarchaeales
- o__Methanosarcinales
- o__Methanotrichales
- o__Methanotrichales_A
- o__UBA590