Combined_dataset
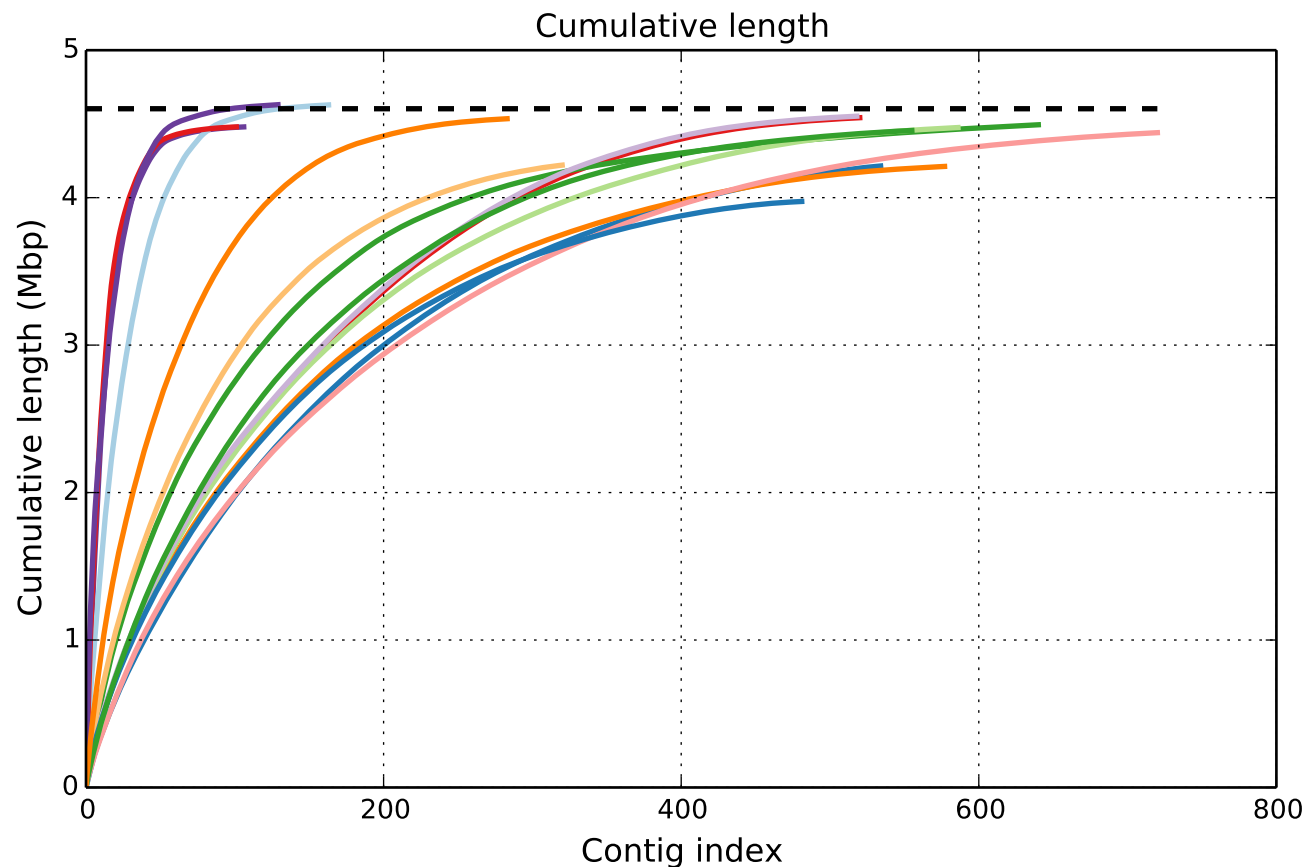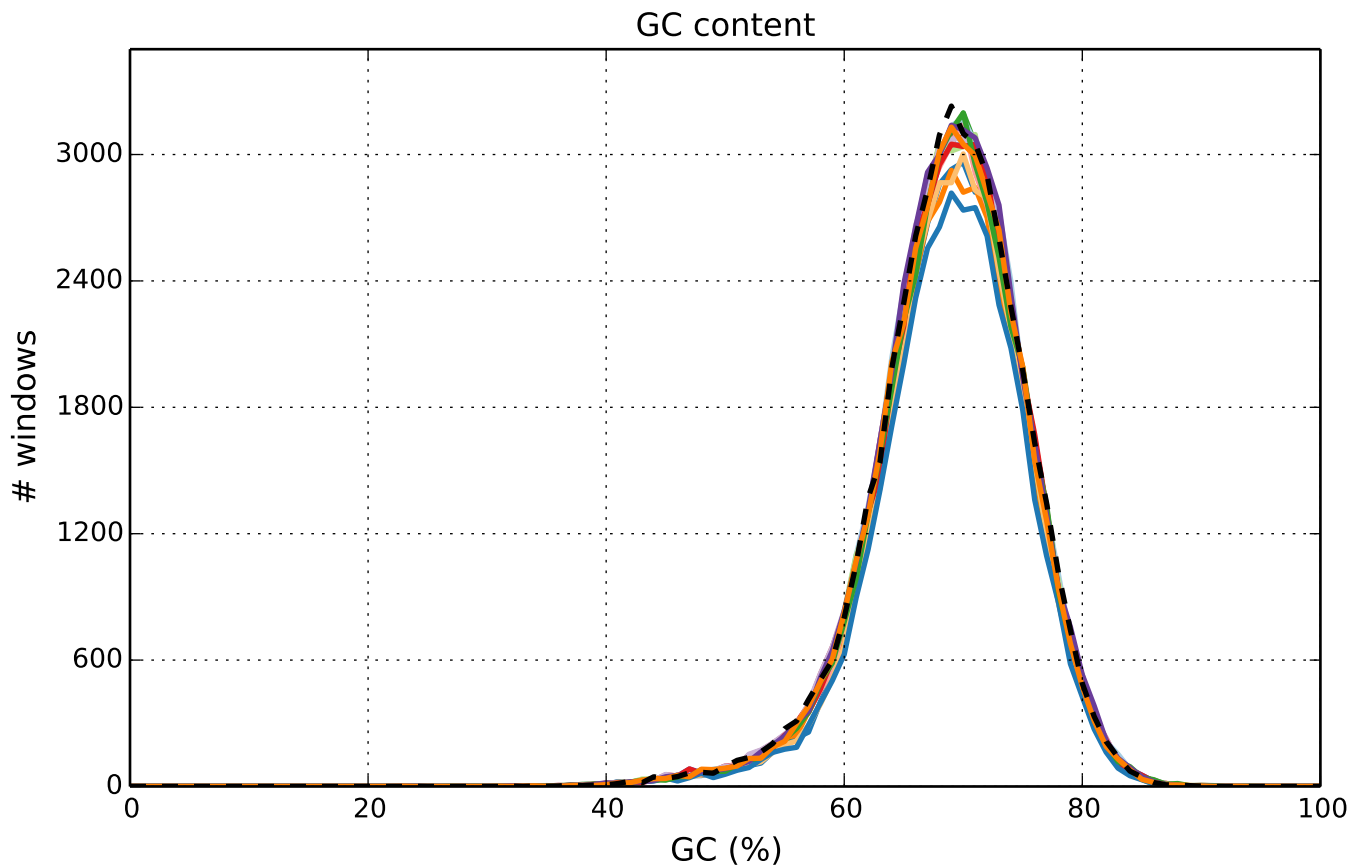
Cumulative length

Cumulative length (Mbp)

Contig index

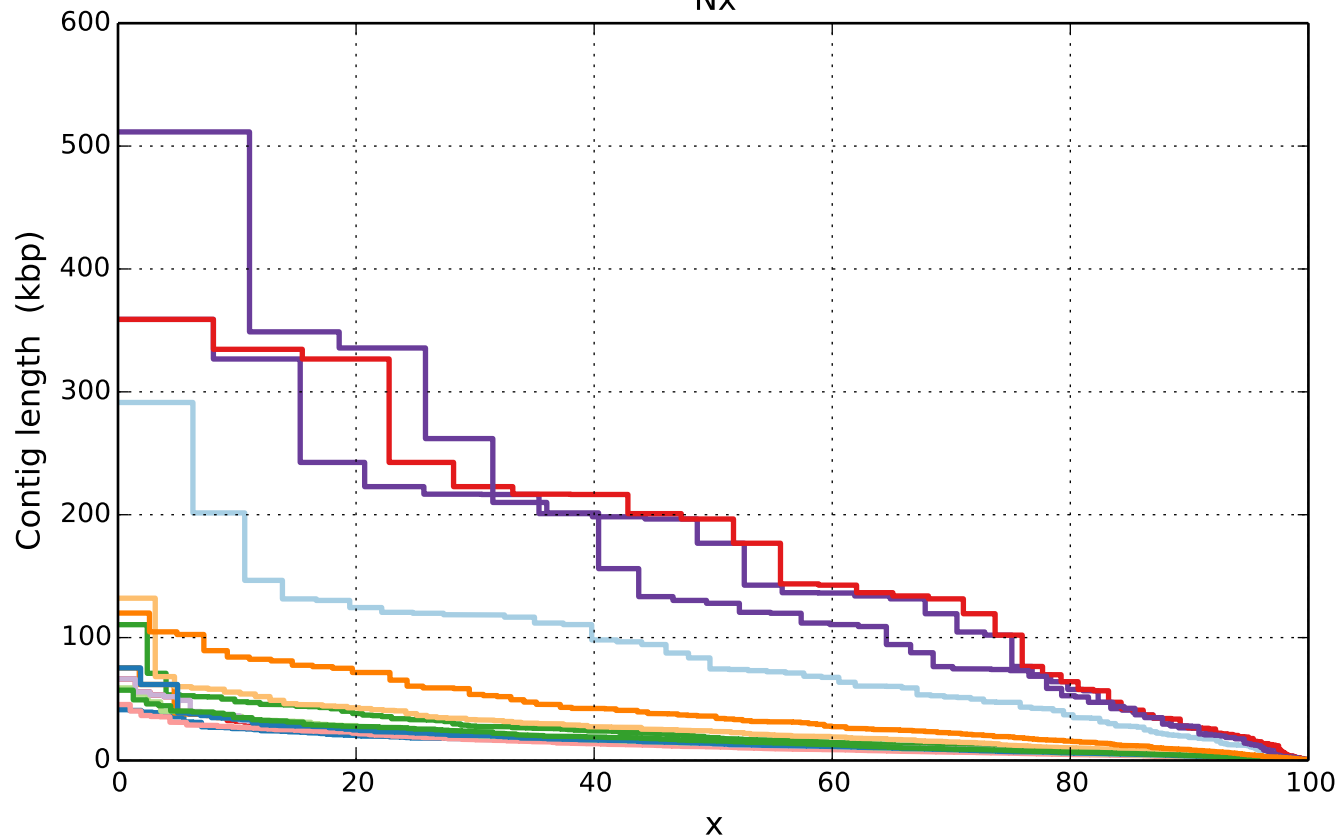| RS-H-Abyss-Contig | RS-H-Sga-Contig | RS-H-Abyss-Scaffold | RS-H-Soap- |
RS-H-Cabog-Contig	RS-H-Soap-Contig	RS-H-Cabog-Scaffold	RS-H-Spad
RS-H-Mira-Contig	RS-H-Spades-Contig	RS-H-Msrca-Scaffold	RS-H-Velve
RS-H-Msrca-Contig	RS-H-Velvet-Contig	RS-H-Sga-Scaffold	Reference

GC content

-H-Abyss-Contig	RS-H-Sga-Contig	RS-H-Abyss-Scaffold	RS-H-Soap-
-H-Cabog-Contig	RS-H-Soap-Contig	RS-H-Cabog-Scaffold	RS-H-Spad
-H-Mira-Contig	RS-H-Spades-Contig	RS-H-Msrca-Scaffold	RS-H-Velve
-H-Msrca-Contig	RS-H-Velvet-Contig	RS-H-Sga-Scaffold	Reference

Nx

-H-Abyss-Contig	RS-H-Sga-Contig	RS-H-Abyss-Scaffold	RS-H-Soap-
-H-Cabog-Contig	RS-H-Soap-Contig	RS-H-Cabog-Scaffold	RS-H-Spad
-H-Mira-Contig	RS-H-Spades-Contig	RS-H-Msrca-Scaffold	RS-H-Velve
-H-Msrca-Contig	RS-H-Velvet-Contig	RS-H-Sga-Scaffold	

NGx

Contig length (kbp)		

x

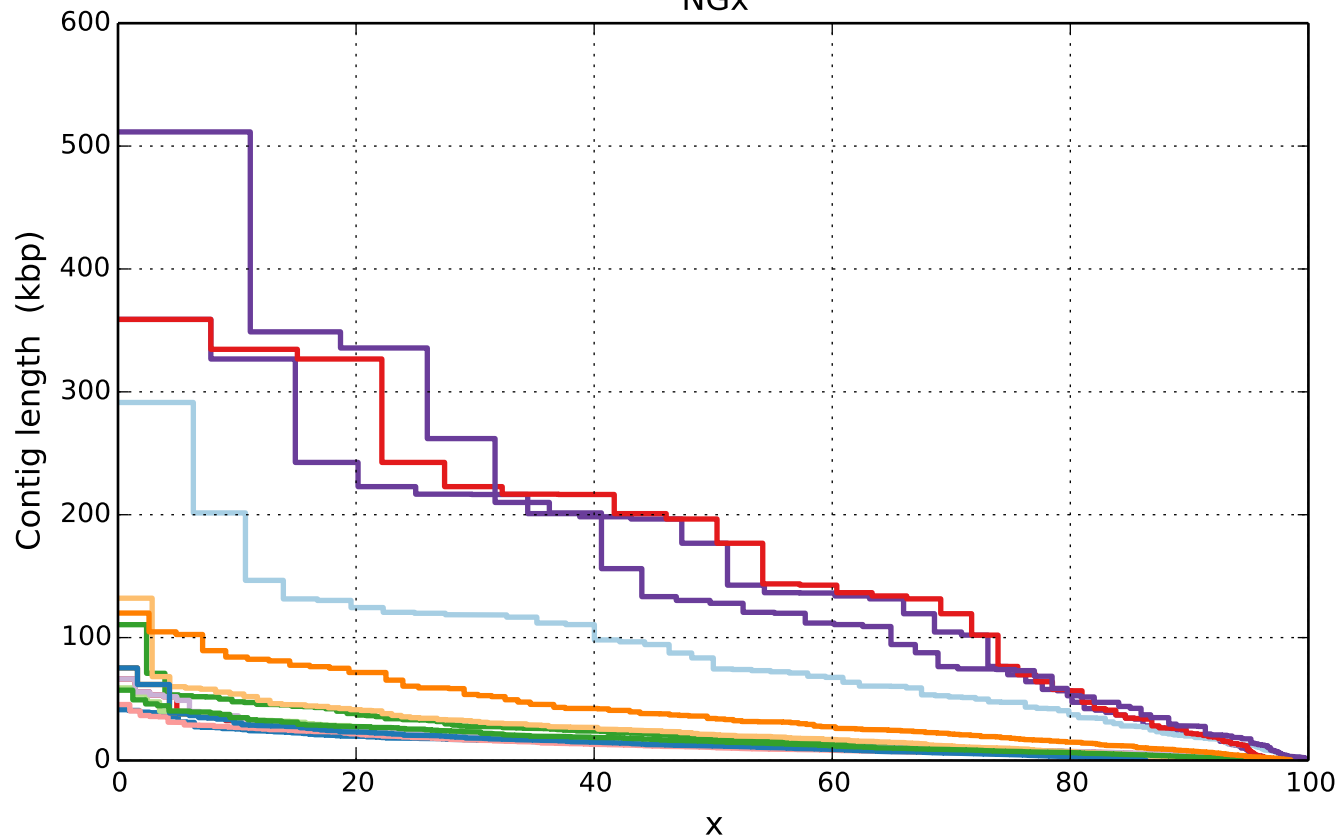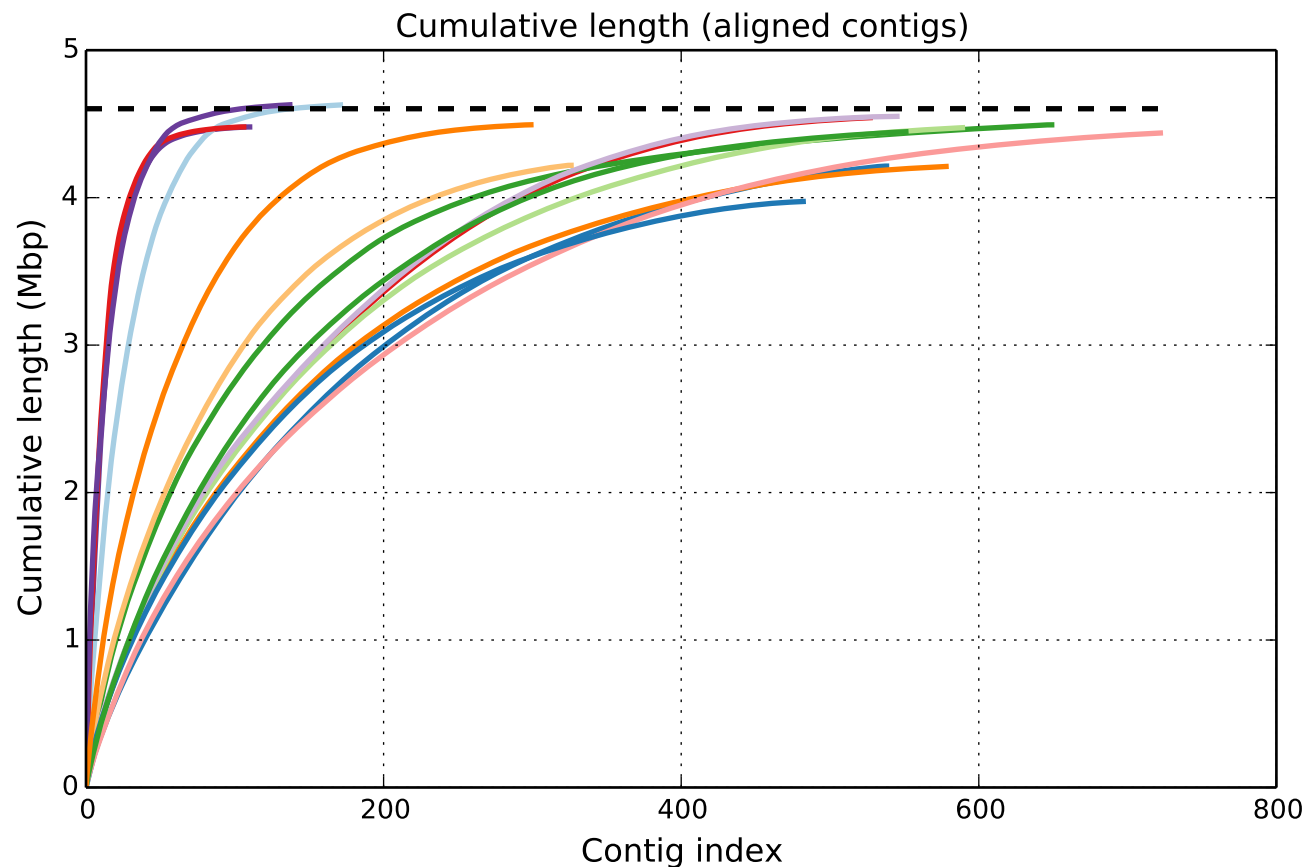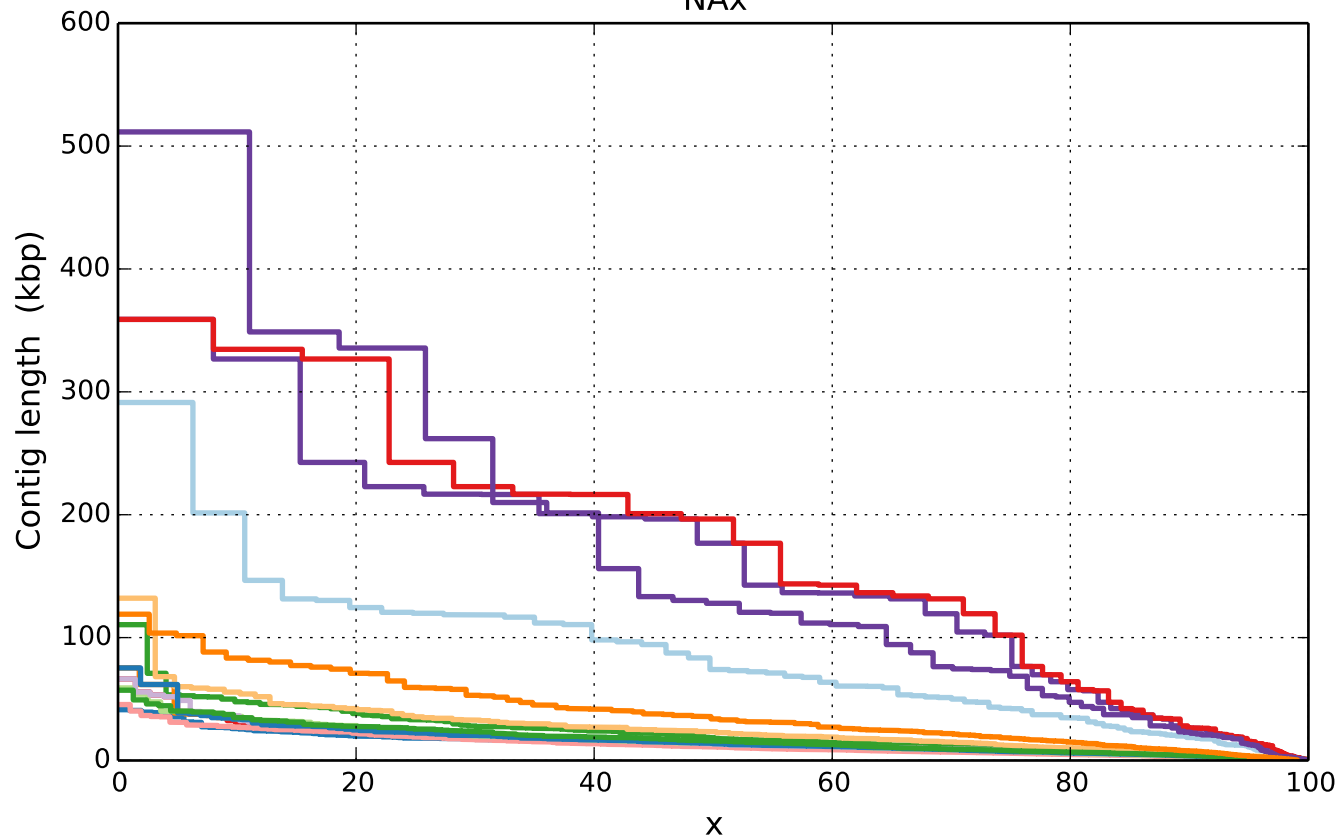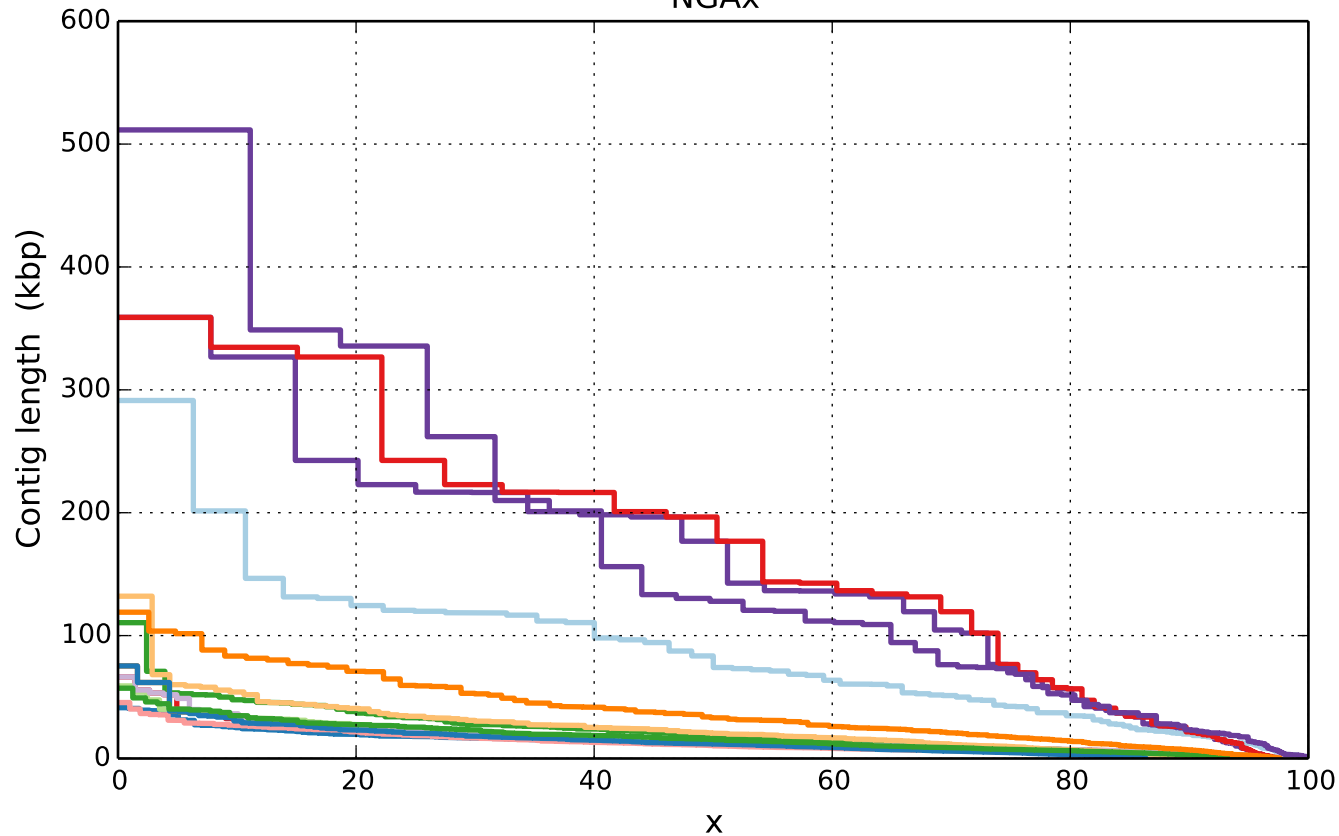| -H-Abyss-Contig | RS-H-Sga-Contig | RS-H-Abyss-Scaffold | RS-H-Soap- |
-H-Cabog-Contig	RS-H-Soap-Contig	RS-H-Cabog-Scaffold	RS-H-Spad
-H-Mira-Contig	RS-H-Spades-Contig	RS-H-Msrca-Scaffold	RS-H-Velve
-H-Msrca-Contig	RS-H-Velvet-Contig	RS-H-Sga-Scaffold	

Cumulative length (aligned contigs)

Legend:
- RS-H-Abyss-Contig
- RS-H-Cabog-Contig
- RS-H-Mira-Contig
- RS-H-Msrca-Contig
- RS-H-Sga-Contig
- RS-H-Soap-Contig
- RS-H-Spades-Contig
- RS-H-Velvet-Contig
- RS-H-Abyss-Scaffold
- RS-H-Cabog-Scaffold
- RS-H-Msrca-Scaffold
- RS-H-Sga-Scaffold
- RS-H-Soap-
- RS-H-Spad
- RS-H-Velve
- Reference

NAx

Contig length (kbp) vs x

Legend:
- —H-Abyss-Contig
- —H-Cabog-Contig
- —H-Mira-Contig
- —H-Msrca-Contig
- RS-H-Sga-Contig
- RS-H-Soap-Contig
- RS-H-Spades-Contig
- RS-H-Velvet-Contig
- RS-H-Abyss-Scaffold
- RS-H-Cabog-Scaffold
- RS-H-Msrca-Scaffold
- RS-H-Sga-Scaffold
- RS-H-Soap-
- RS-H-Spad
- RS-H-Velve

NGAx

Contig length (kbp) vs x

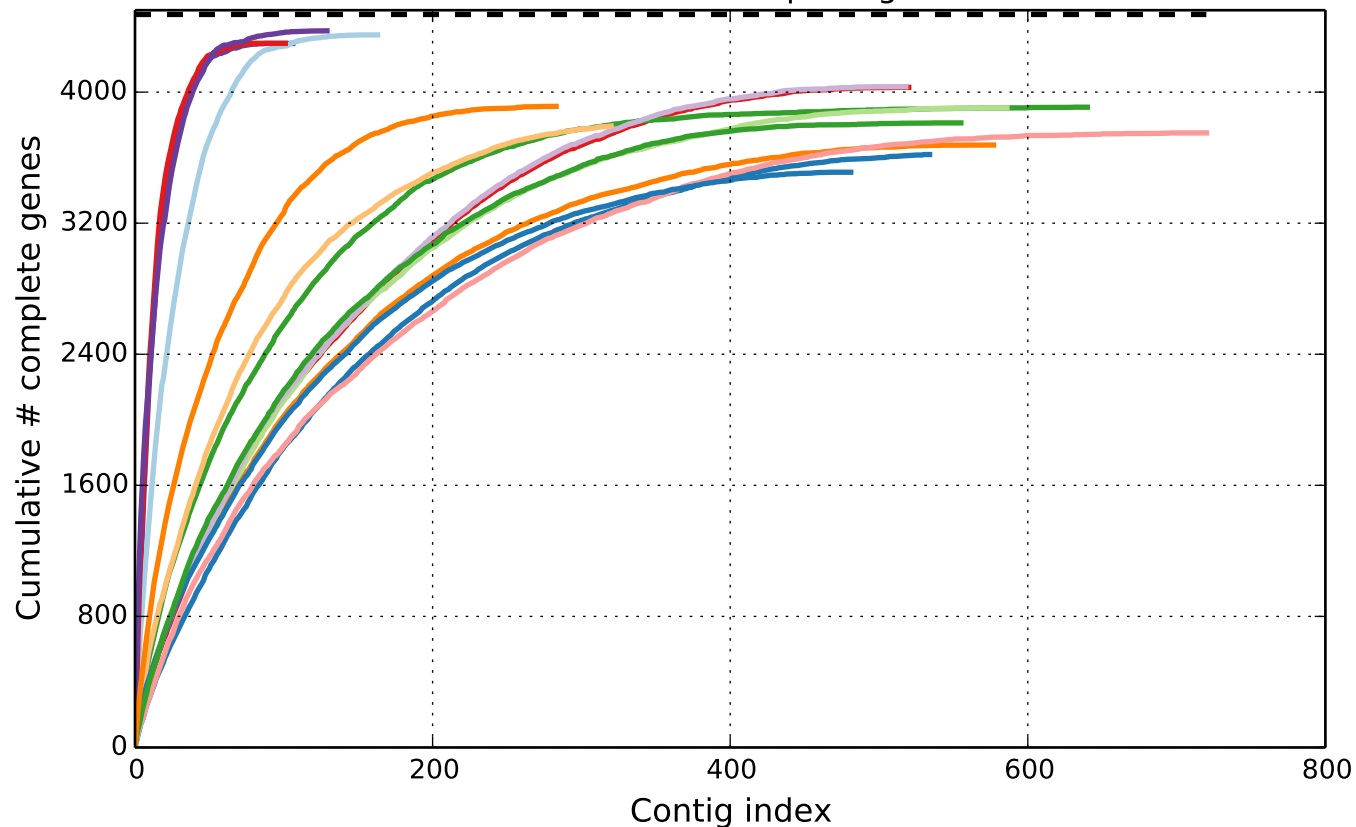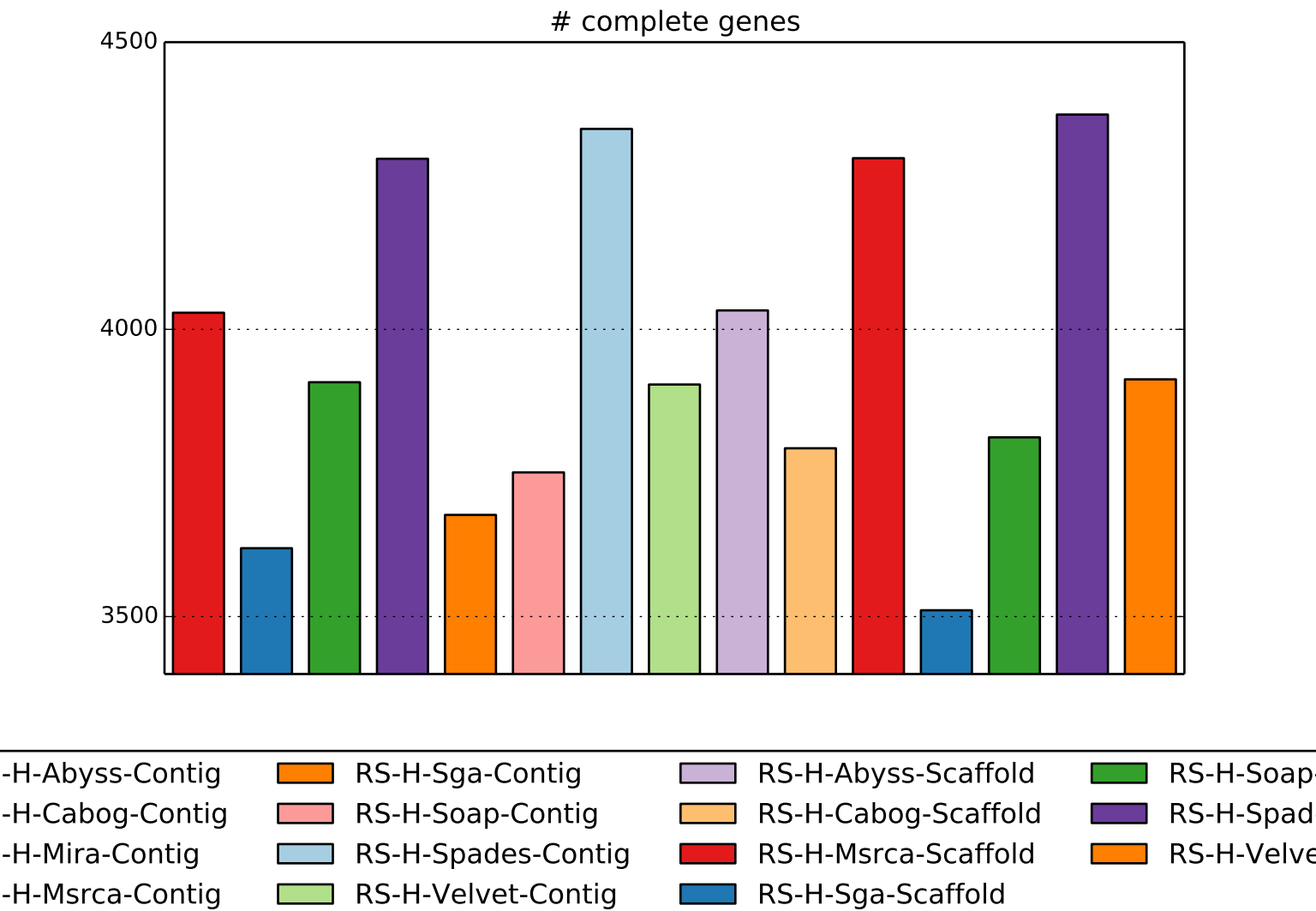| RS-H-Abyss-Contig | RS-H-Sga-Contig | RS-H-Abyss-Scaffold | RS-H-Soap- |
RS-H-Cabog-Contig	RS-H-Soap-Contig	RS-H-Cabog-Scaffold	RS-H-Spad-
RS-H-Mira-Contig	RS-H-Spades-Contig	RS-H-Msrca-Scaffold	RS-H-Velve
RS-H-Msrca-Contig	RS-H-Velvet-Contig	RS-H-Sga-Scaffold	

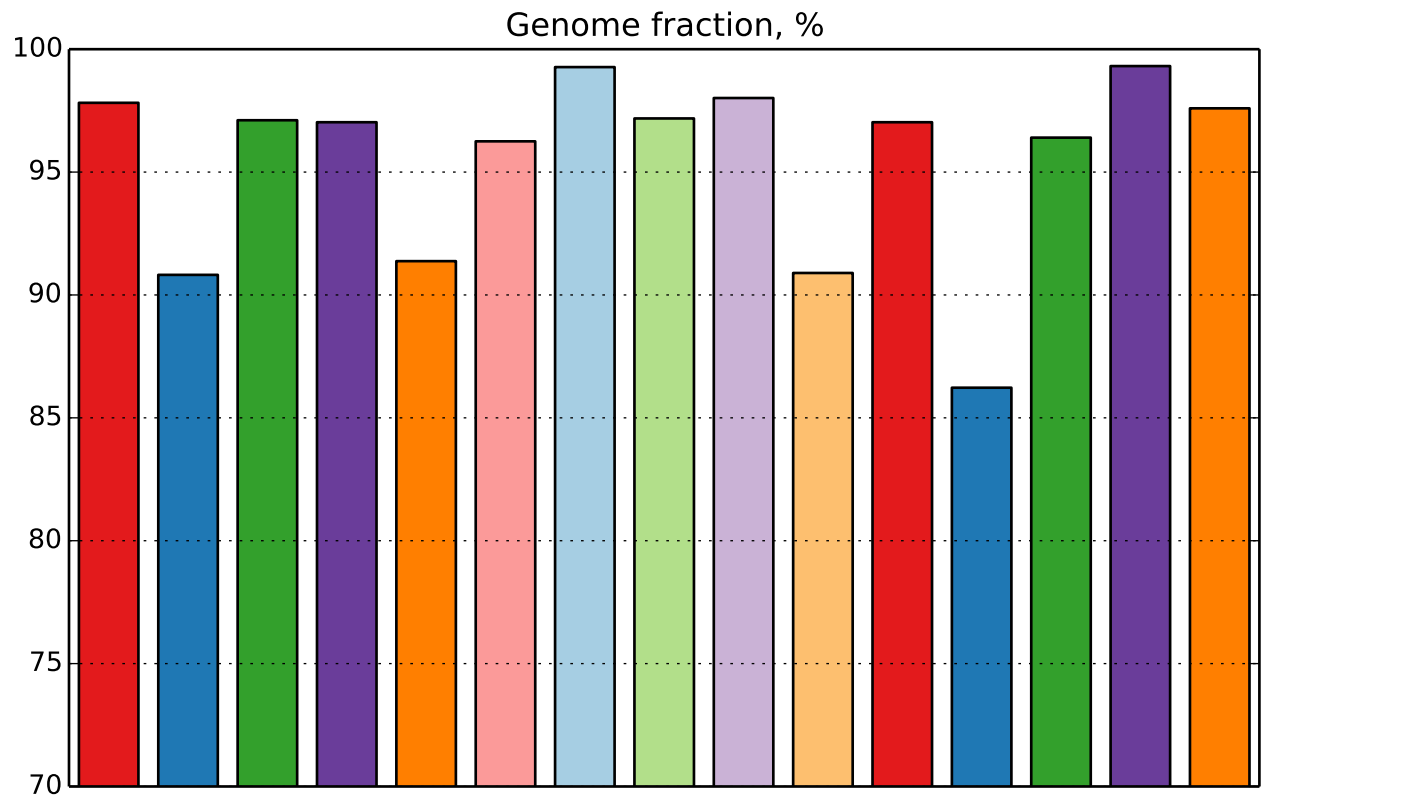Cumulative # complete genes

complete genes

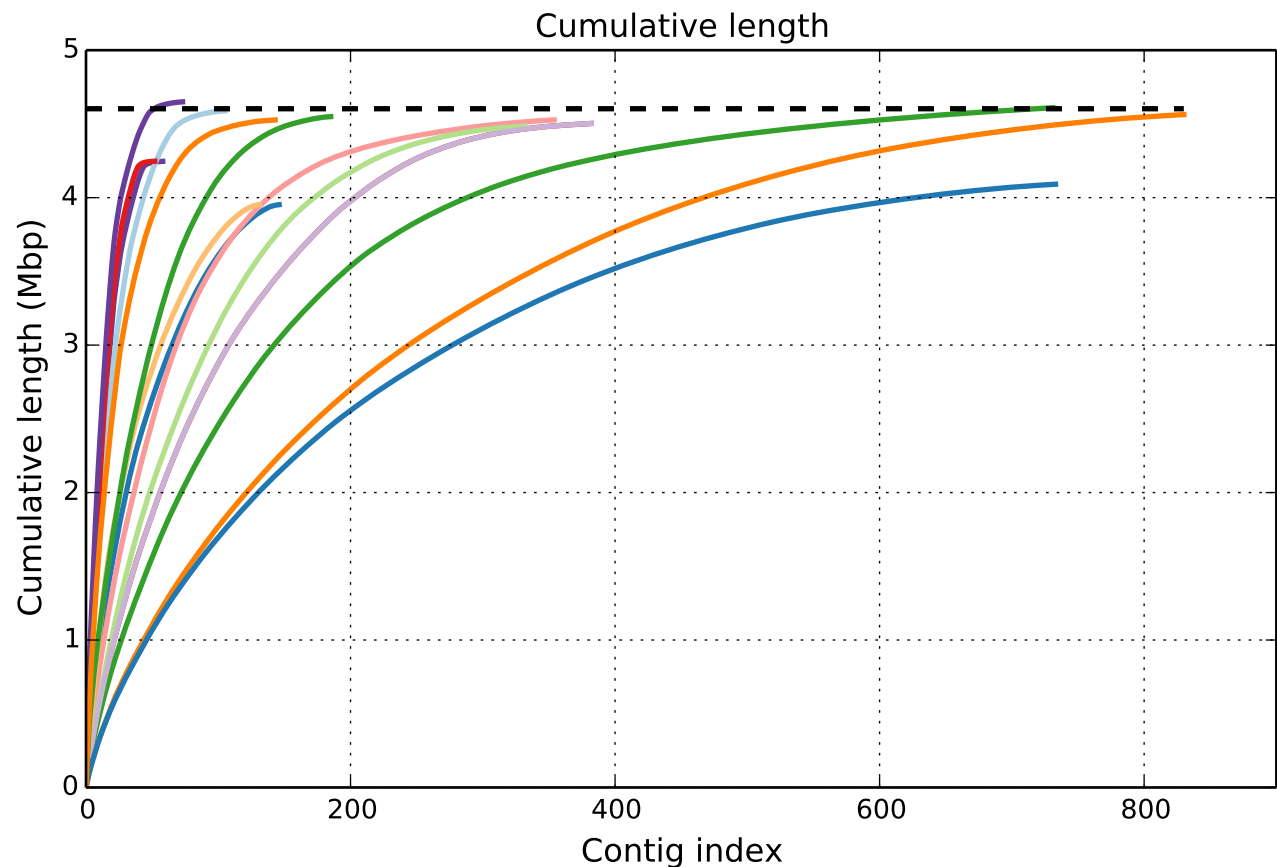|			
-H-Abyss-Contig	RS-H-Sga-Contig	RS-H-Abyss-Scaffold	RS-H-Soap-
-H-Cabog-Contig	RS-H-Soap-Contig	RS-H-Cabog-Scaffold	RS-H-Spad
-H-Mira-Contig	RS-H-Spades-Contig	RS-H-Msrca-Scaffold	RS-H-Velve
-H-Msrca-Contig	RS-H-Velvet-Contig	RS-H-Sga-Scaffold	

Genome fraction, %

Legend:
- RS-H-Abyss-Contig
- RS-H-Cabog-Contig
- RS-H-Mira-Contig
- RS-H-Msrca-Contig
- RS-H-Sga-Contig
- RS-H-Soap-Contig
- RS-H-Spades-Contig
- RS-H-Velvet-Contig
- RS-H-Abyss-Scaffold
- RS-H-Cabog-Scaffold
- RS-H-Msrca-Scaffold
- RS-H-Sga-Scaffold
- RS-H-Soap-
- RS-H-Spad
- RS-H-Velve

Combined_dataset

Cumulative length

-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	Reference

GC content
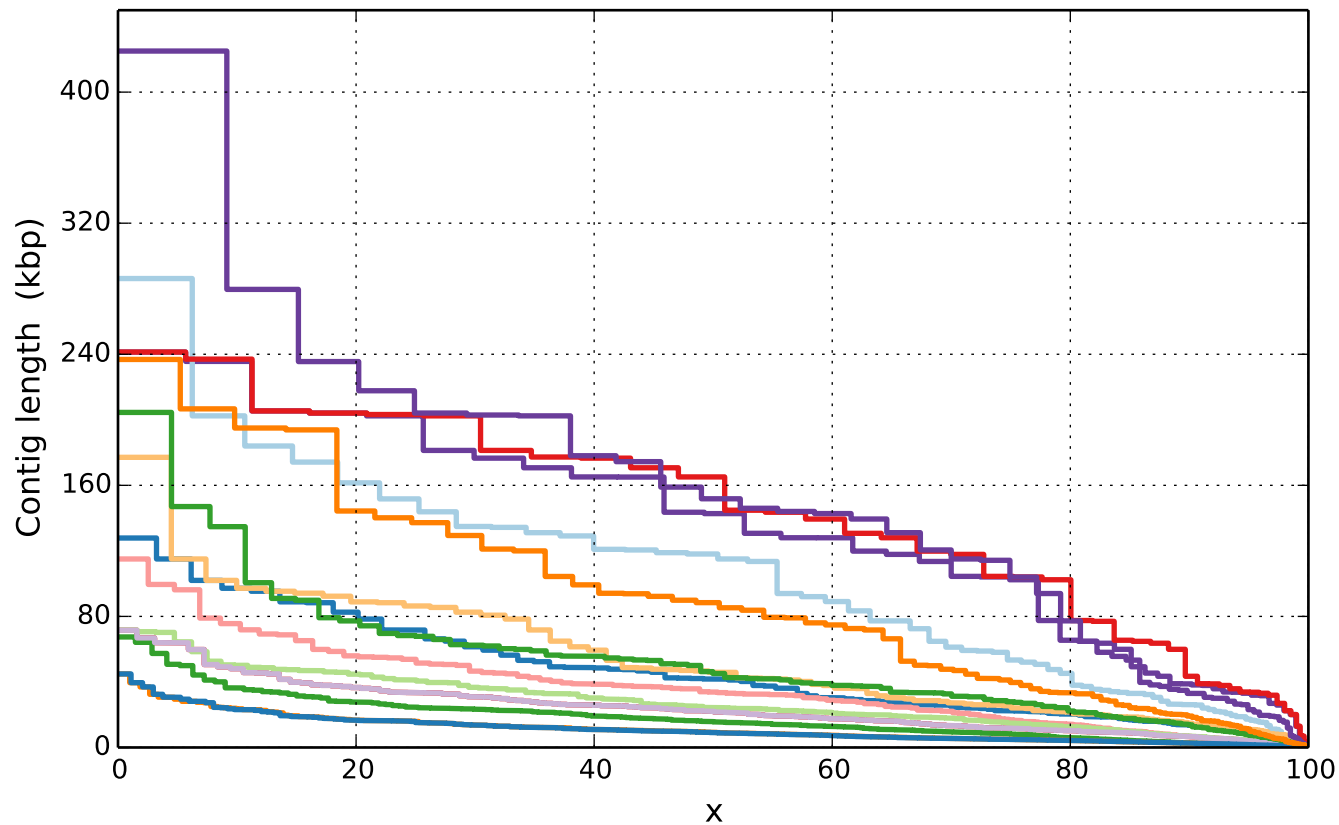
-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	Reference

Nx

Contig length (kbp)

x

-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	

NGx

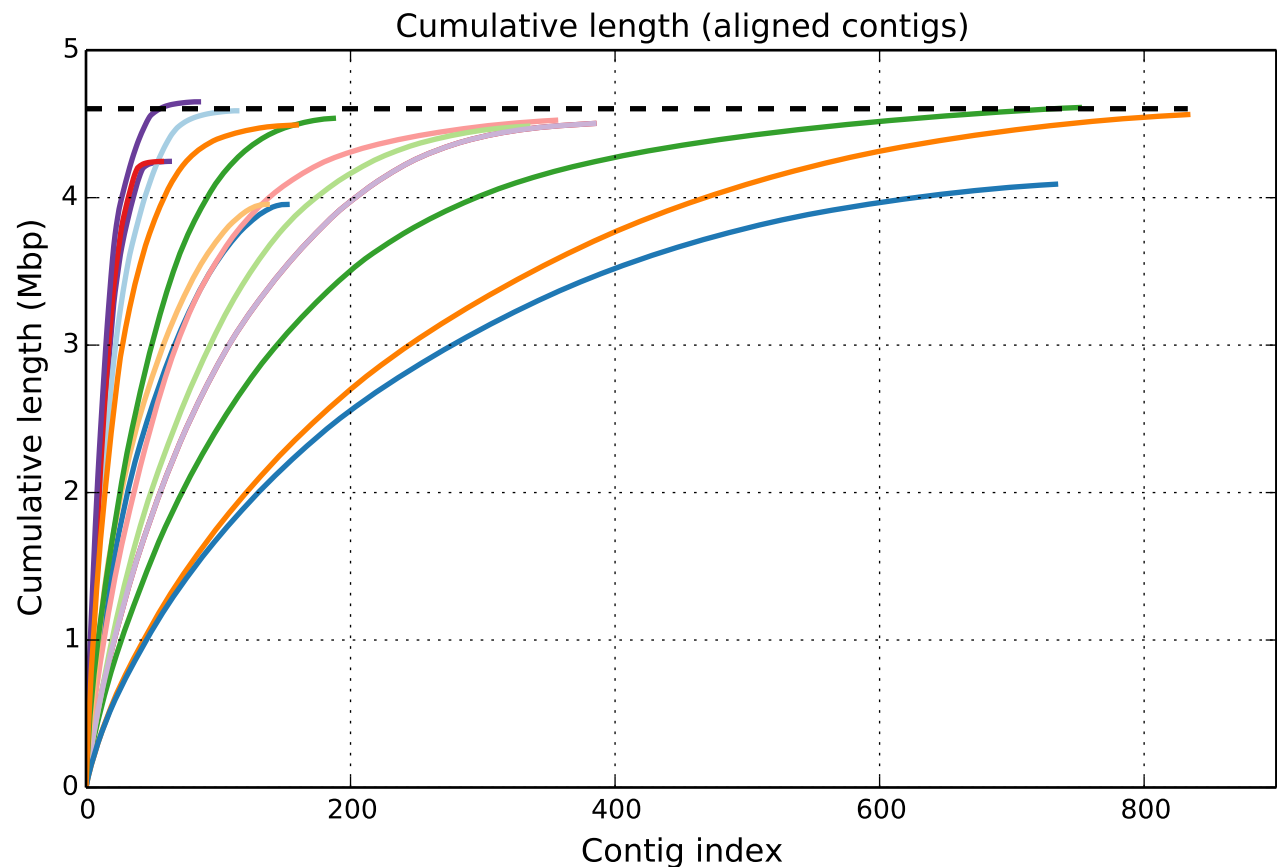|			
-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	

Cumulative length (aligned contigs)

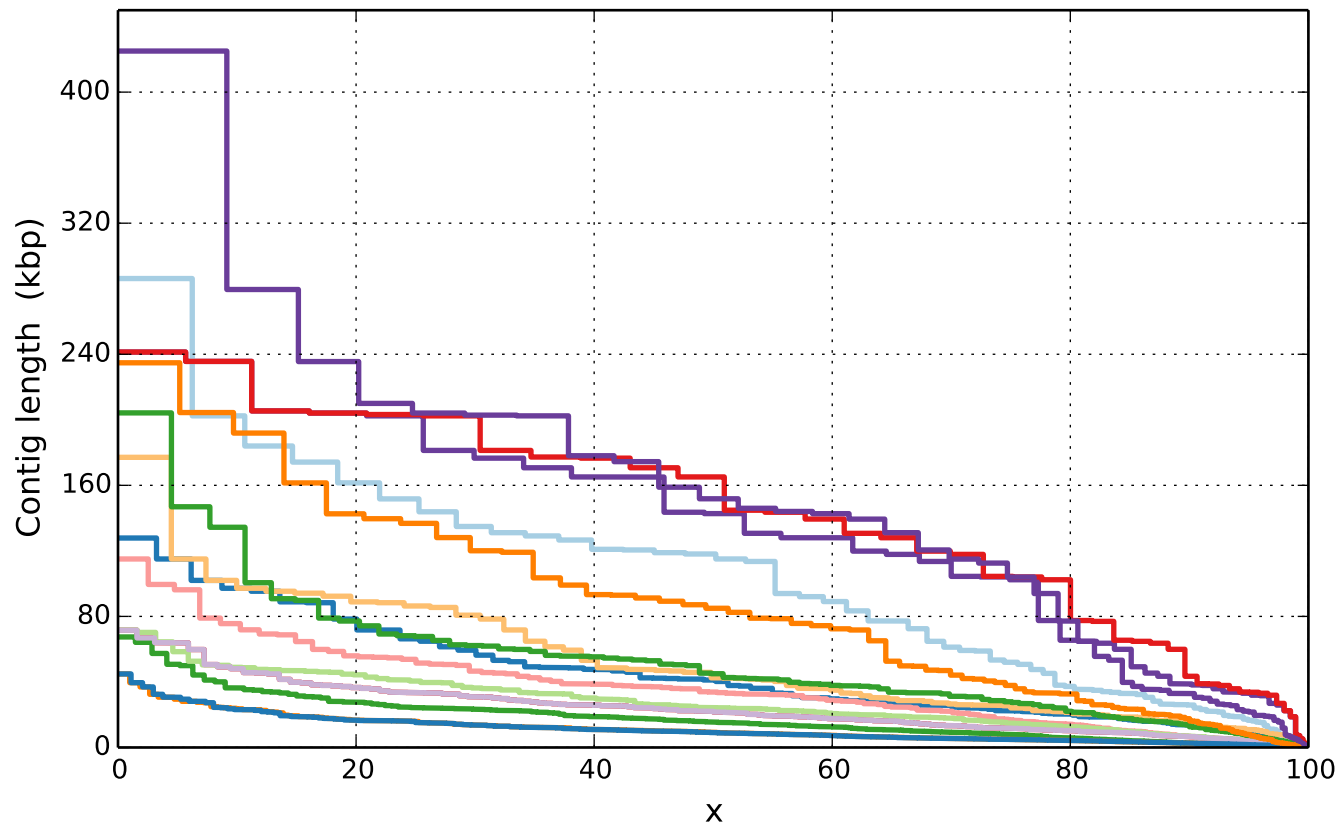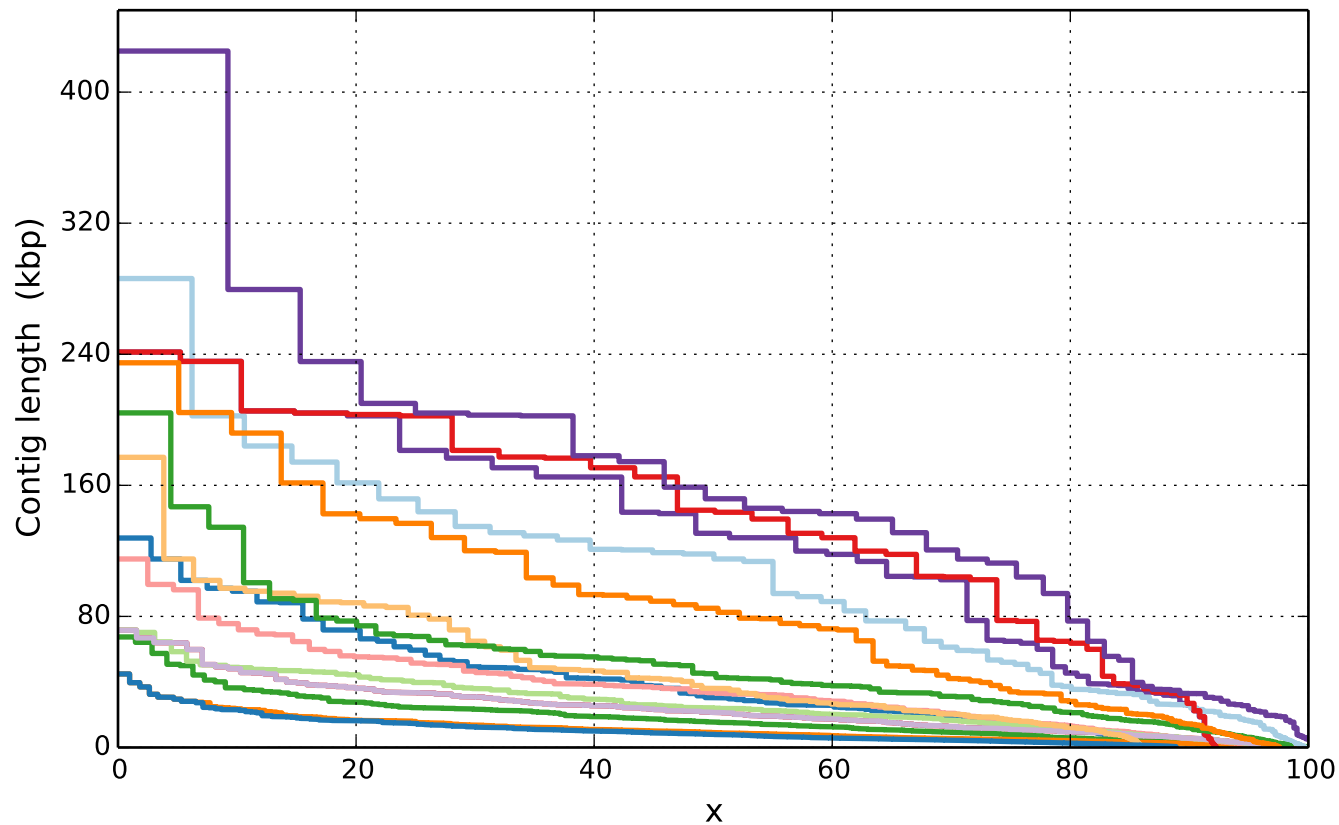|			
RS-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
RS-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
RS-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
RS-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	Reference

NAx

Contig length (kbp)

x

- RS-M-Abyss-Contig
- RS-M-Cabog-Contig
- RS-M-Mira-Contig
- RS-M-Msrca-Contig
- RS-M-Sga-Contig
- RS-M-Soap-Contig
- RS-M-Spades-Contig
- RS-M-Velvet-Contig
- RS-M-Abyss-Scaffold
- RS-M-Cabog-Scaffold
- RS-M-Msrca-Scaffold
- RS-M-Sga-Scaffold
- RS-M-Soap
- RS-M-Spad
- RS-M-Velve

NGAx

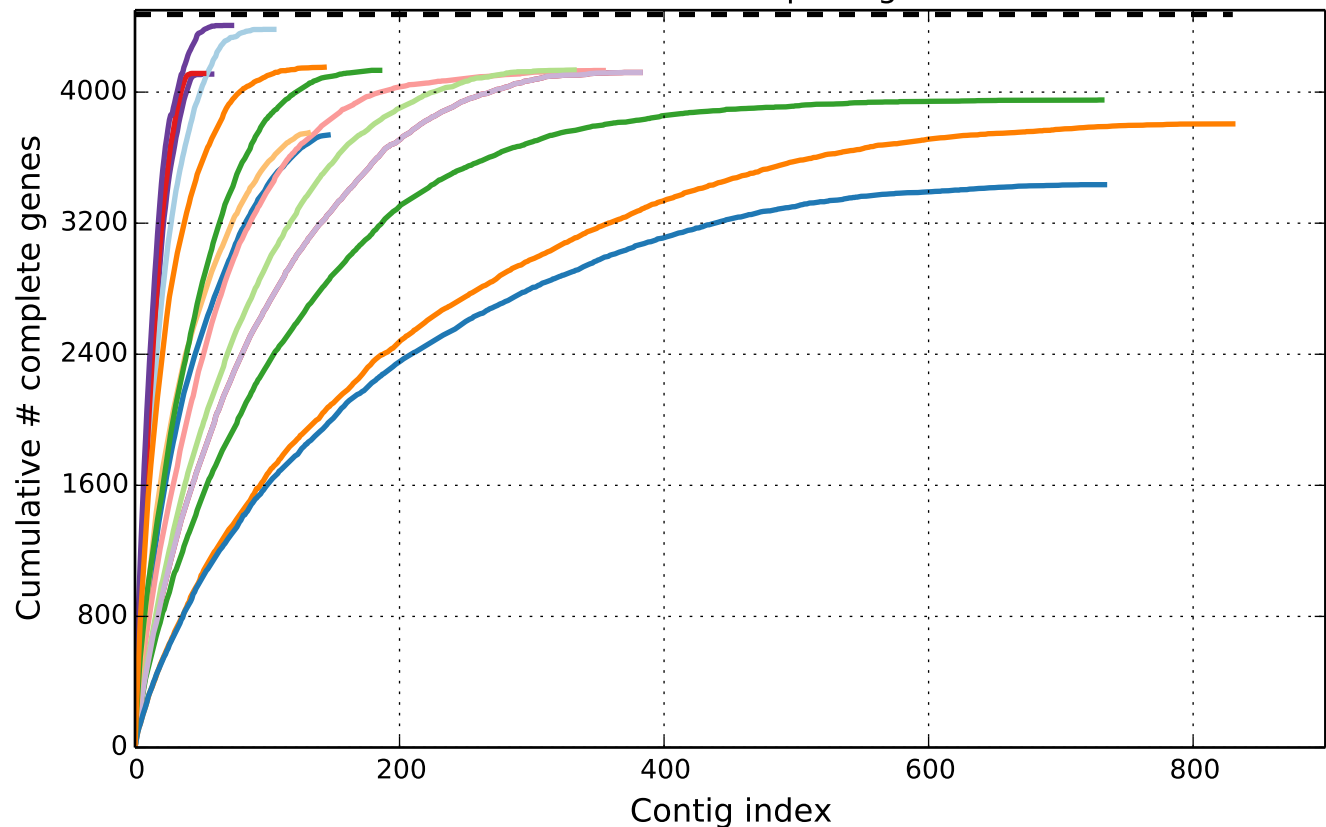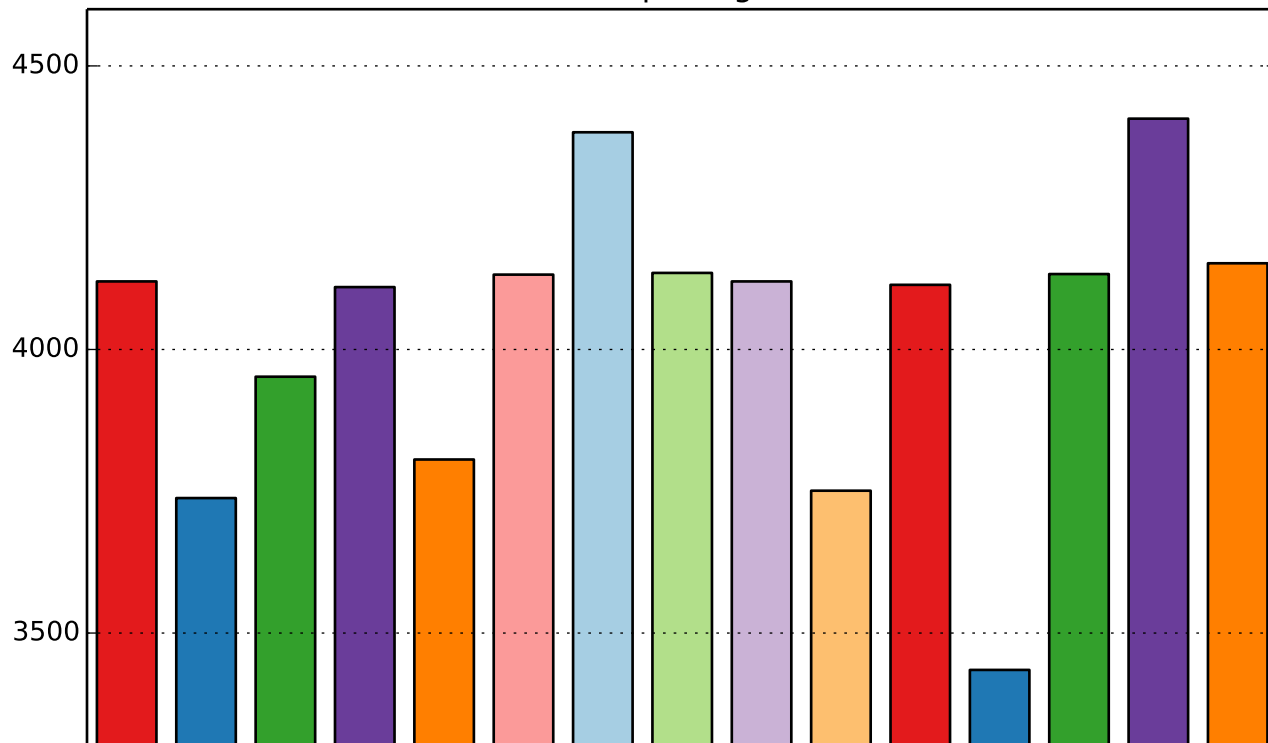|			
-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	

Cumulative # complete genes

Legend:
- RS-M-Abyss-Contig
- RS-M-Cabog-Contig
- RS-M-Mira-Contig
- RS-M-Msrca-Contig
- RS-M-Sga-Contig
- RS-M-Soap-Contig
- RS-M-Spades-Contig
- RS-M-Velvet-Contig
- RS-M-Abyss-Scaffold
- RS-M-Cabog-Scaffold
- RS-M-Msrca-Scaffold
- RS-M-Sga-Scaffold
- RS-M-Soap
- RS-M-Spad
- RS-M-Velve
- Reference

complete genes

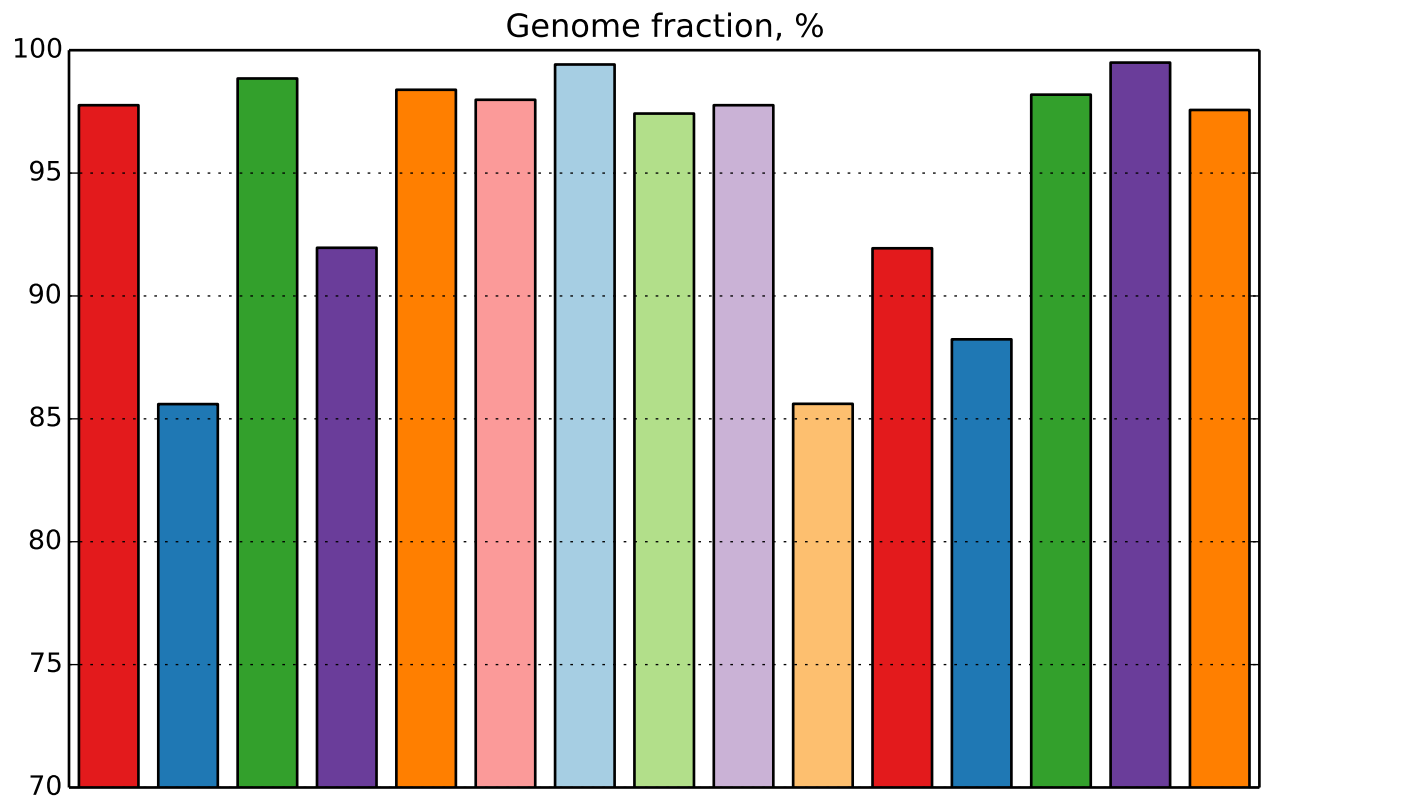|			
RS-M-Abyss-Contig	RS-M-Sga-Contig	RS-M-Abyss-Scaffold	RS-M-Soap
RS-M-Cabog-Contig	RS-M-Soap-Contig	RS-M-Cabog-Scaffold	RS-M-Spad
RS-M-Mira-Contig	RS-M-Spades-Contig	RS-M-Msrca-Scaffold	RS-M-Velve
RS-M-Msrca-Contig	RS-M-Velvet-Contig	RS-M-Sga-Scaffold	

Genome fraction, %

Legend:
- RS-M-Abyss-Contig
- RS-M-Sga-Contig
- RS-M-Abyss-Scaffold
- RS-M-Soap (Scaffold)
- RS-M-Cabog-Contig
- RS-M-Soap-Contig
- RS-M-Cabog-Scaffold
- RS-M-Spad (Scaffold)
- RS-M-Mira-Contig
- RS-M-Spades-Contig
- RS-M-Msrca-Scaffold
- RS-M-Velve
- RS-M-Msrca-Contig
- RS-M-Velvet-Contig
- RS-M-Sga-Scaffold