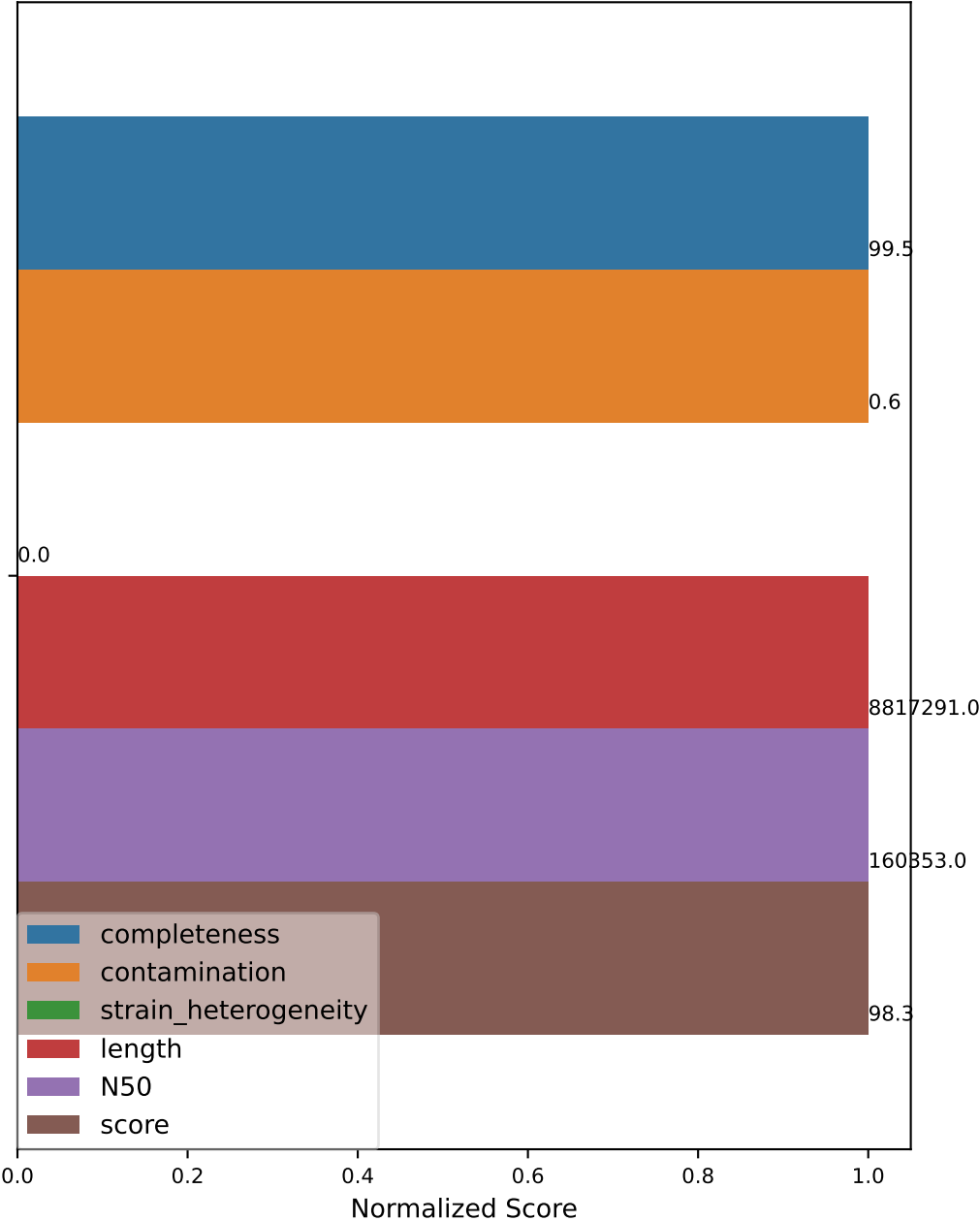


Scoring of cluster 1\_1

genome

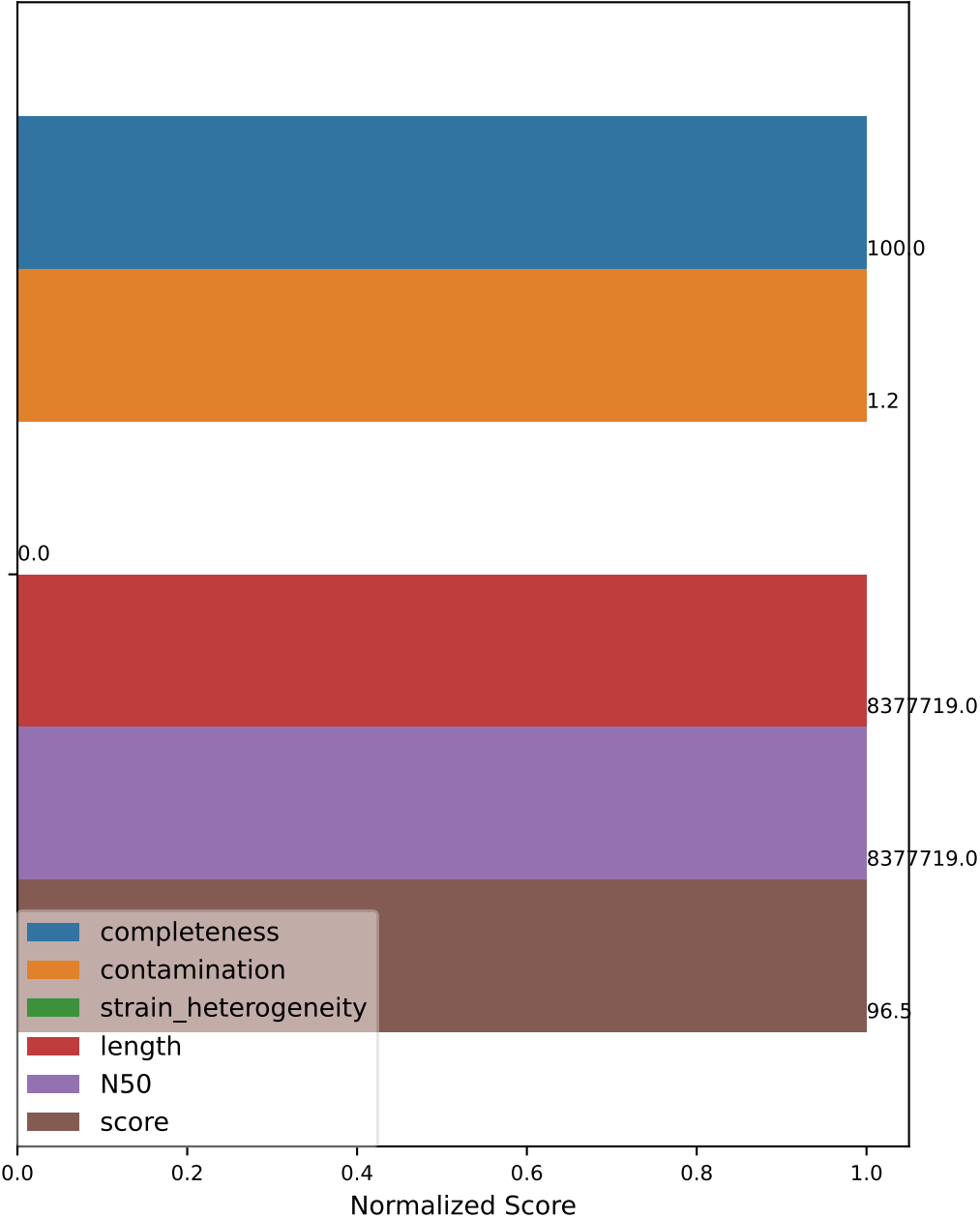
GCF\_001440475.1.fna \*



Scoring of cluster 1\_2

genome

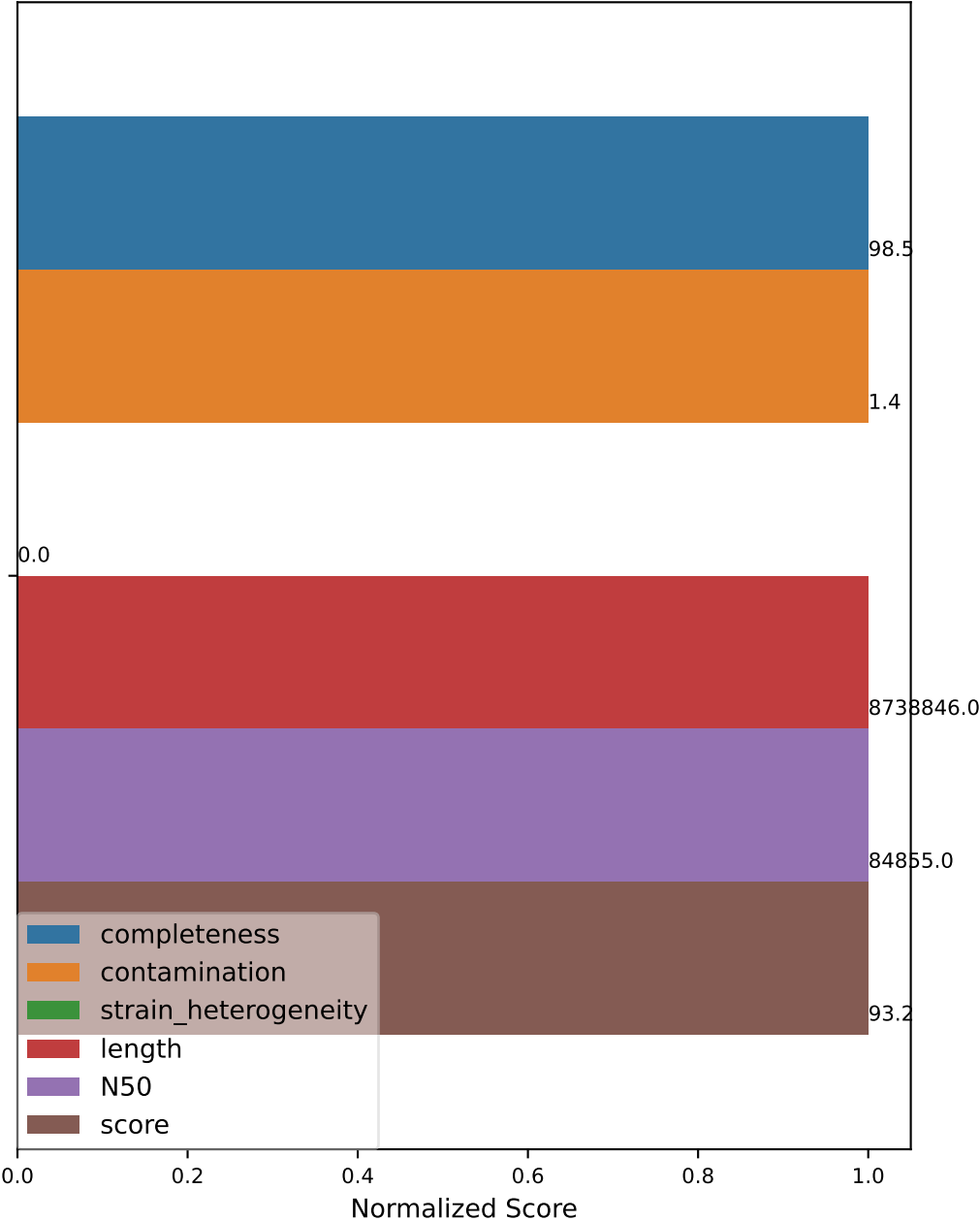
GCF\_001693515.2.fna \*



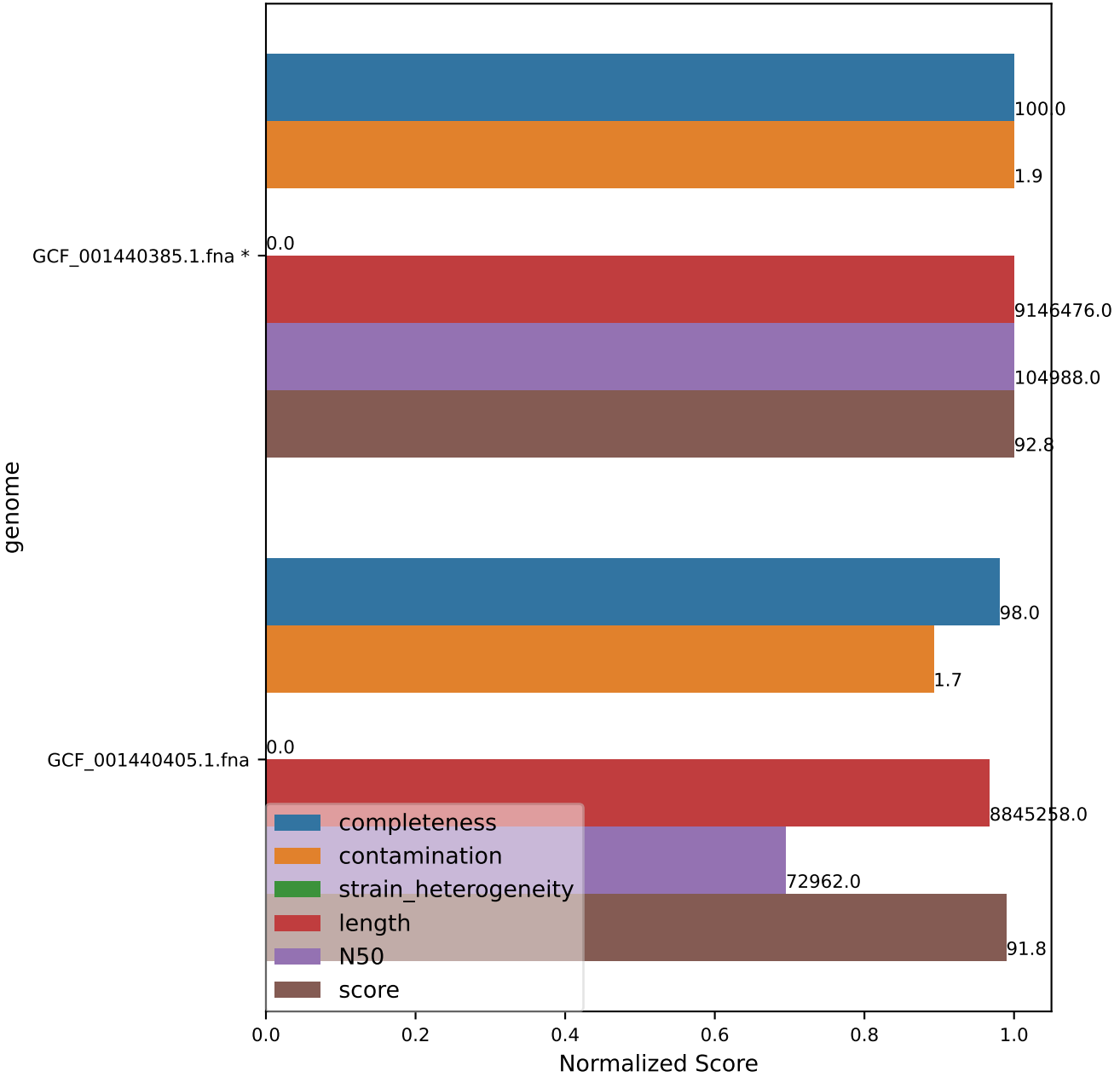
Scoring of cluster 1\_3

genome

GCF\_001440395.1.fna \*



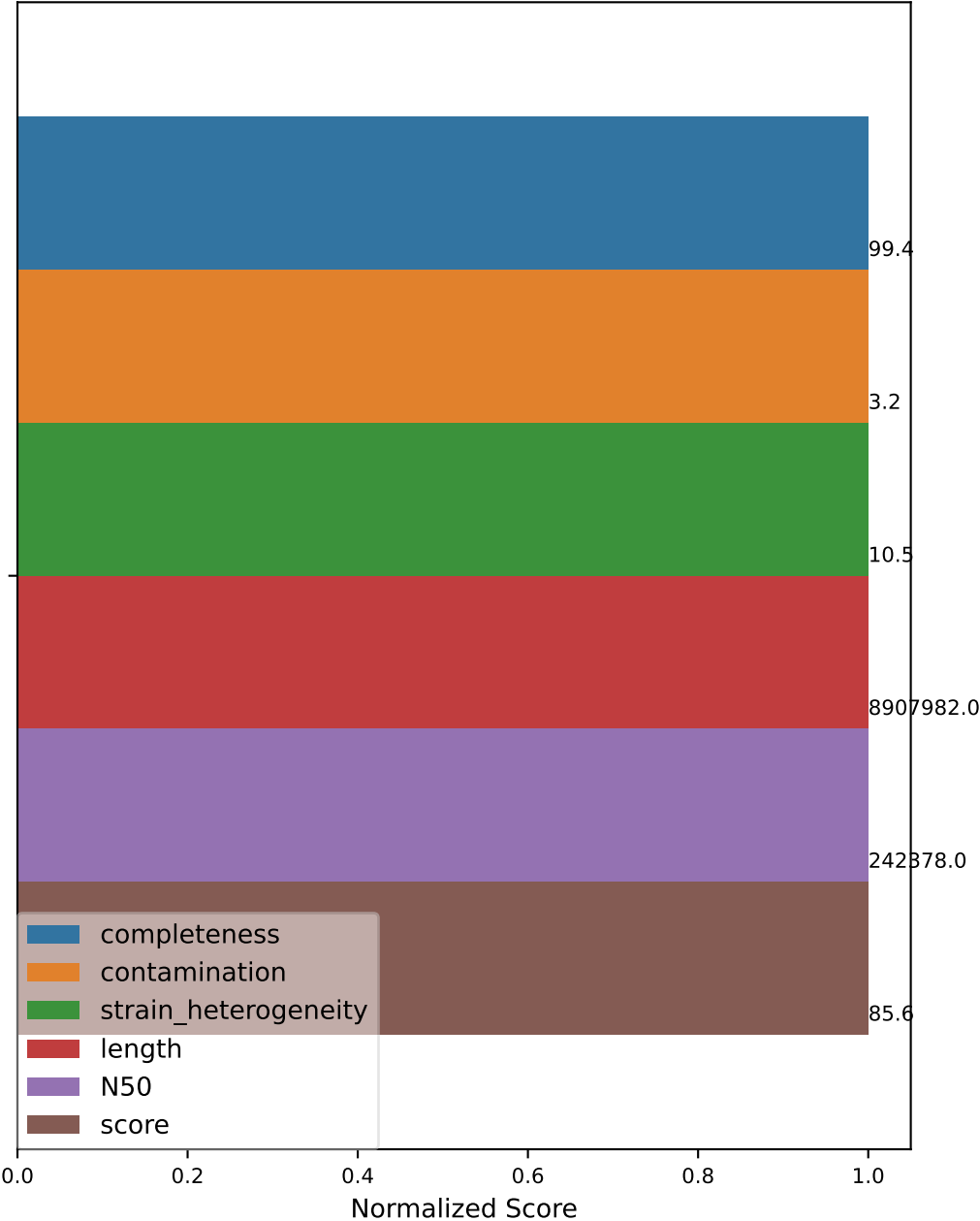
Scoring of cluster 2\_1



Scoring of cluster 2\_2

genome

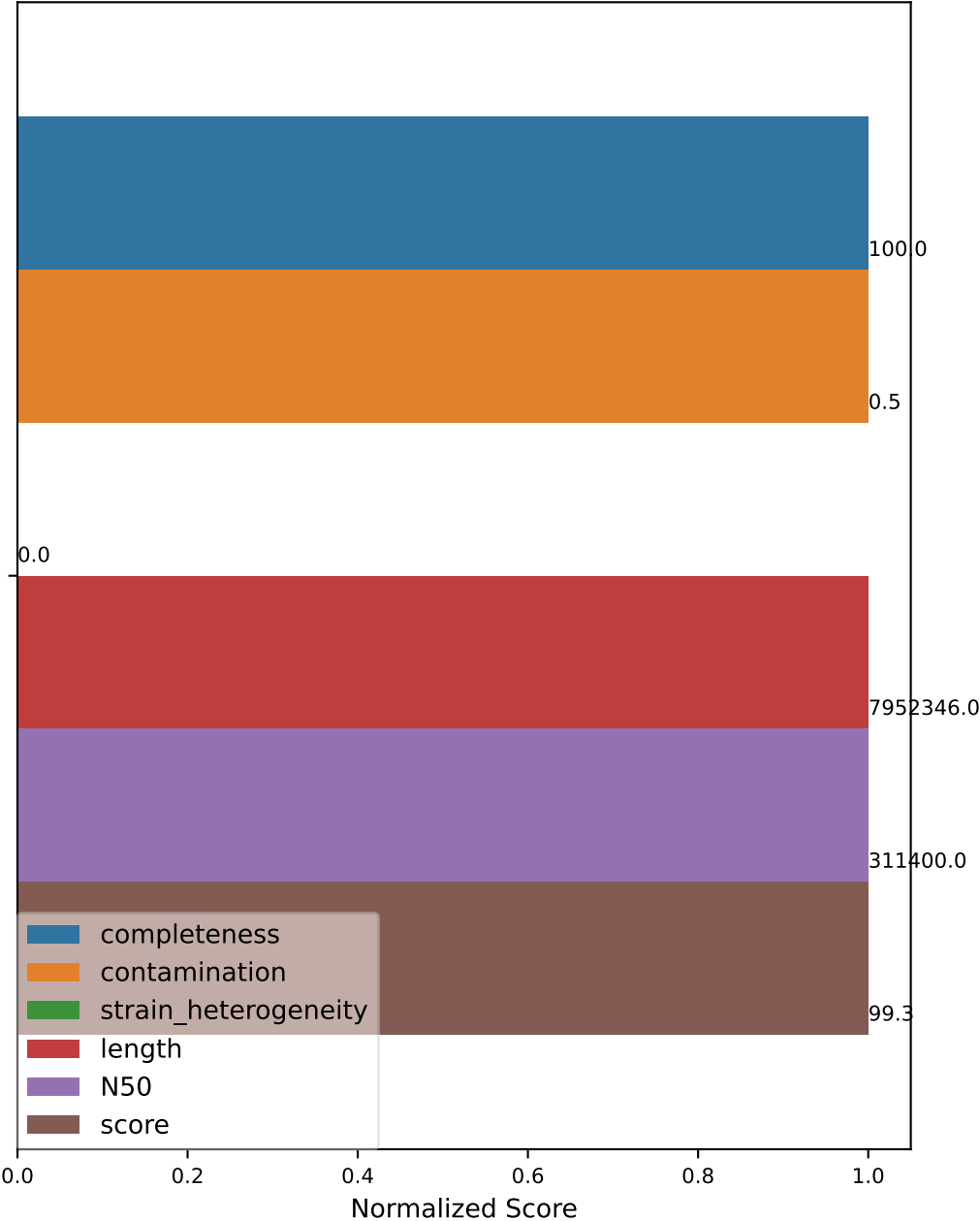
GCF\_003062295.1.fna \*



Scoring of cluster 3\_1

genome

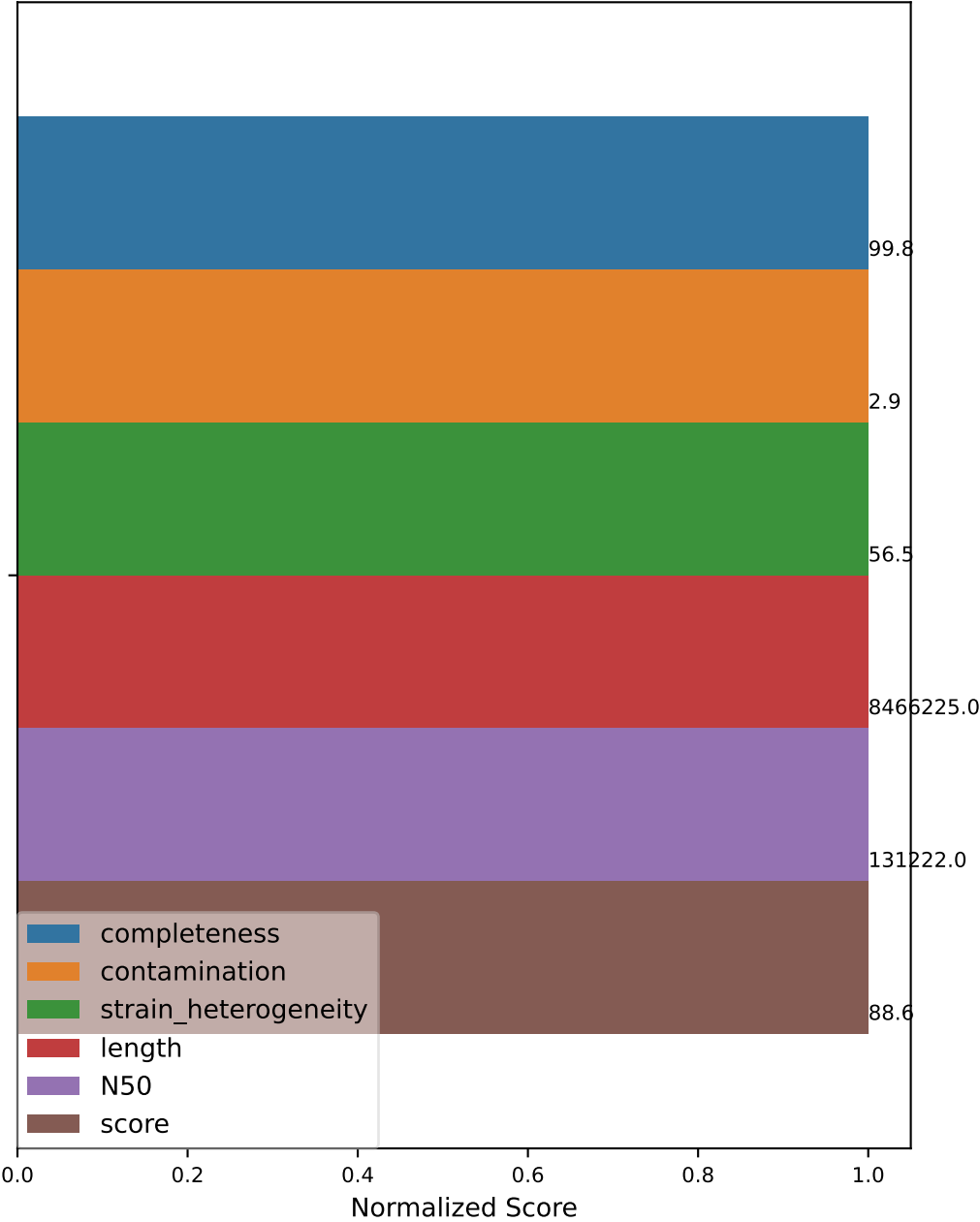
GCF\_000472965.1.fna \*



Scoring of cluster 3\_2

genome

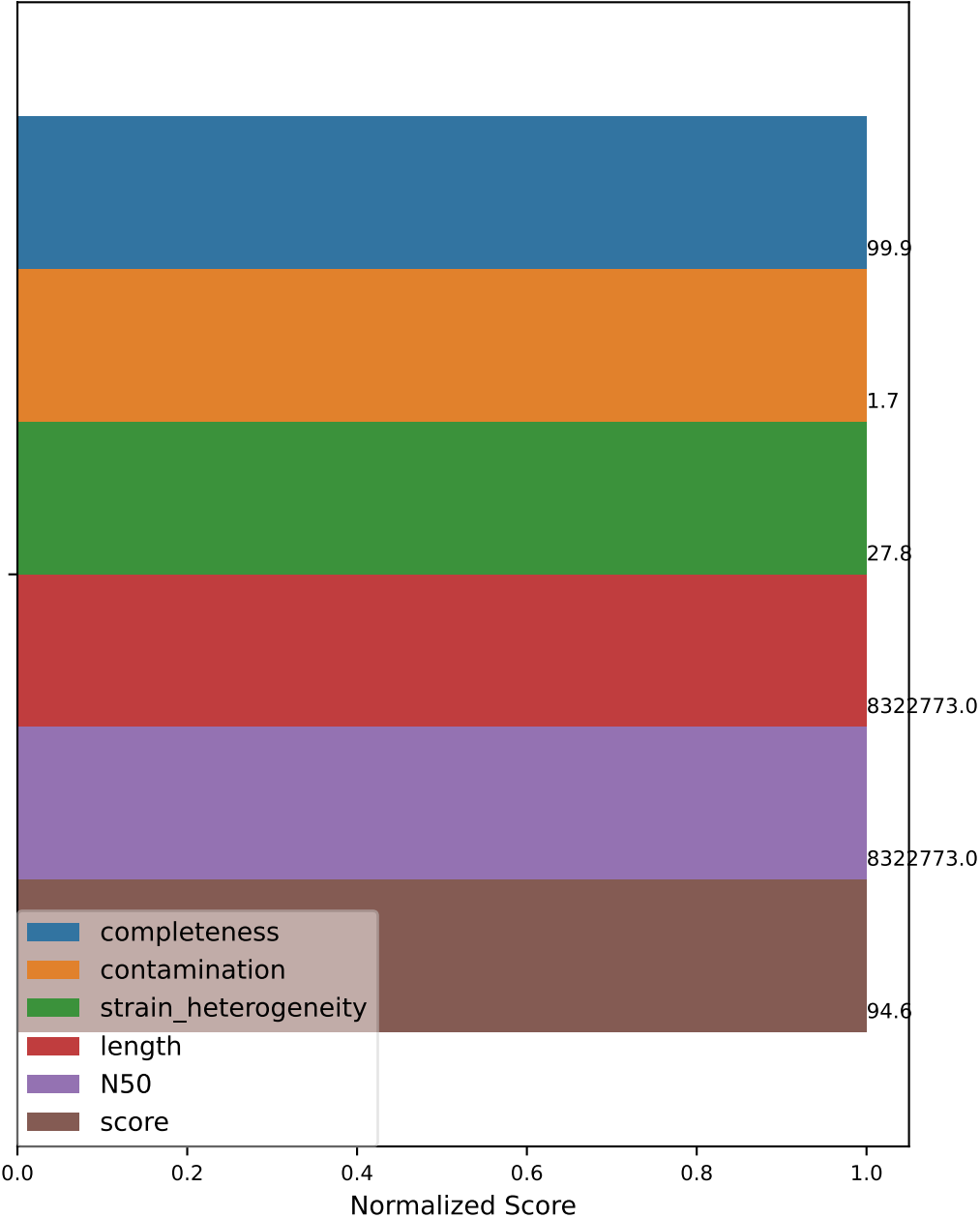
GCF\_001440415.1.fna \*



Scoring of cluster 3\_3

genome

GCF\_001693385.1.fna \*

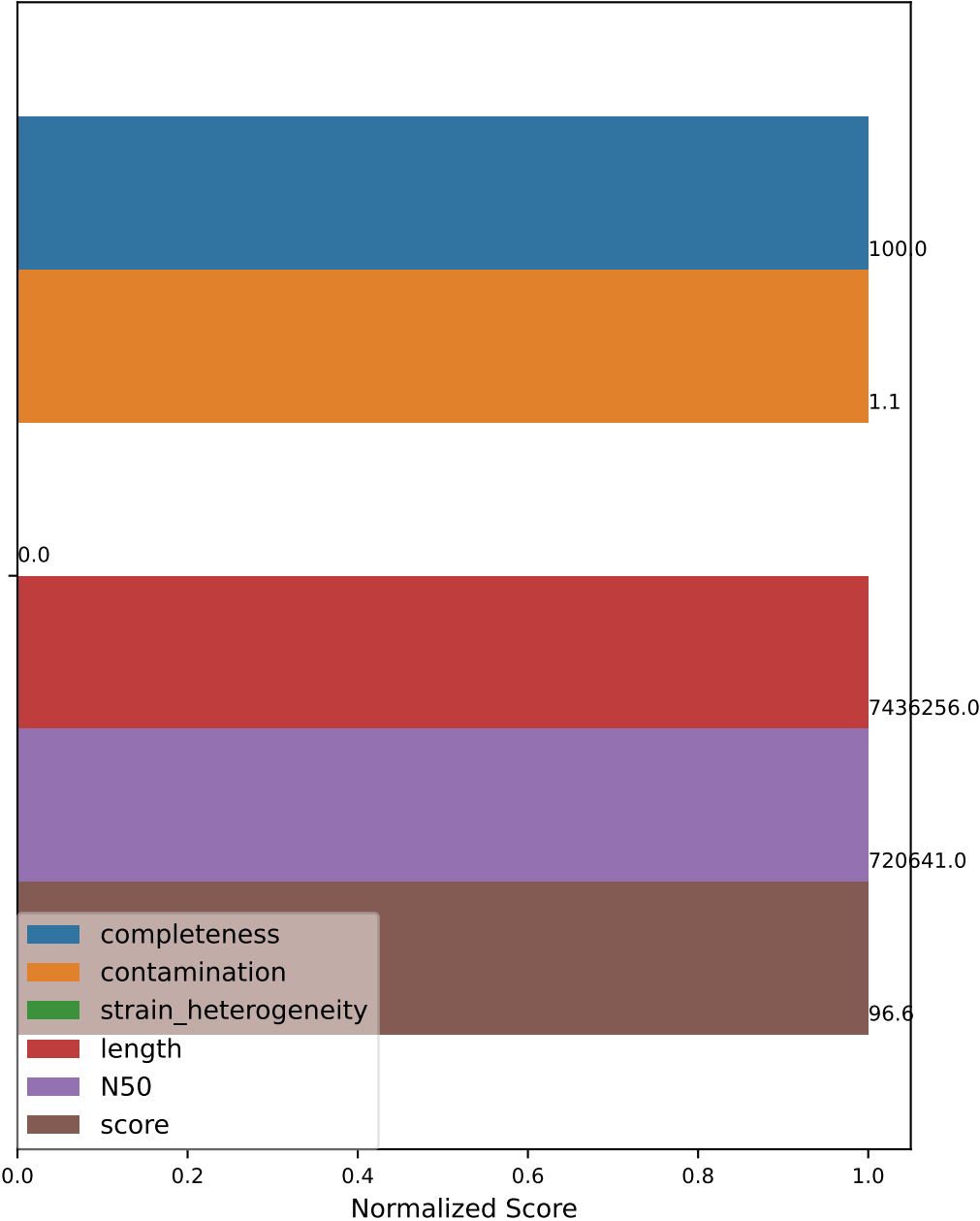




Scoring of cluster 3\_4

genome

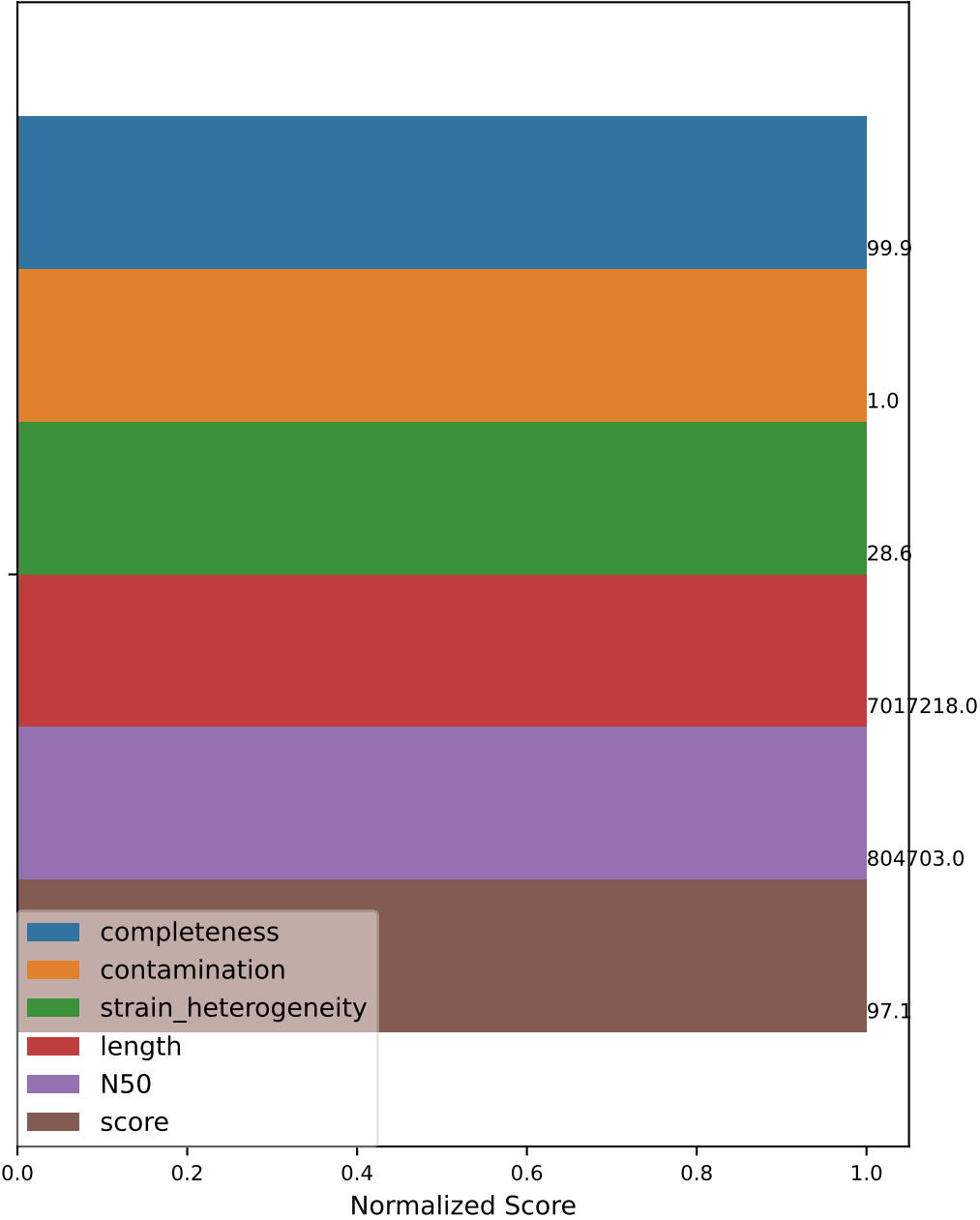
GCF\_013114825.1.fna \*



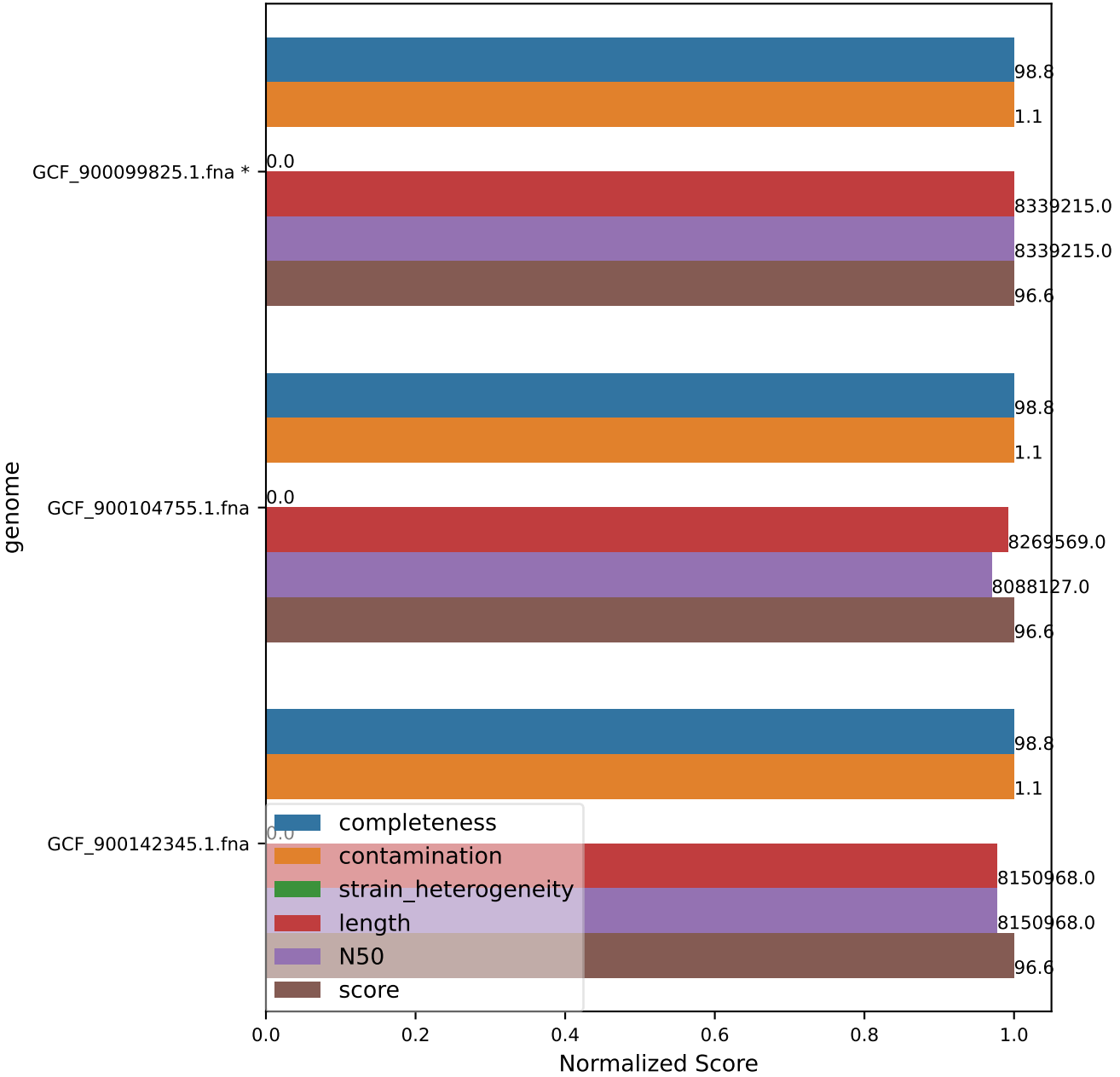
Scoring of cluster 4\_0

genome

GCF\_013114835.1.fna \*



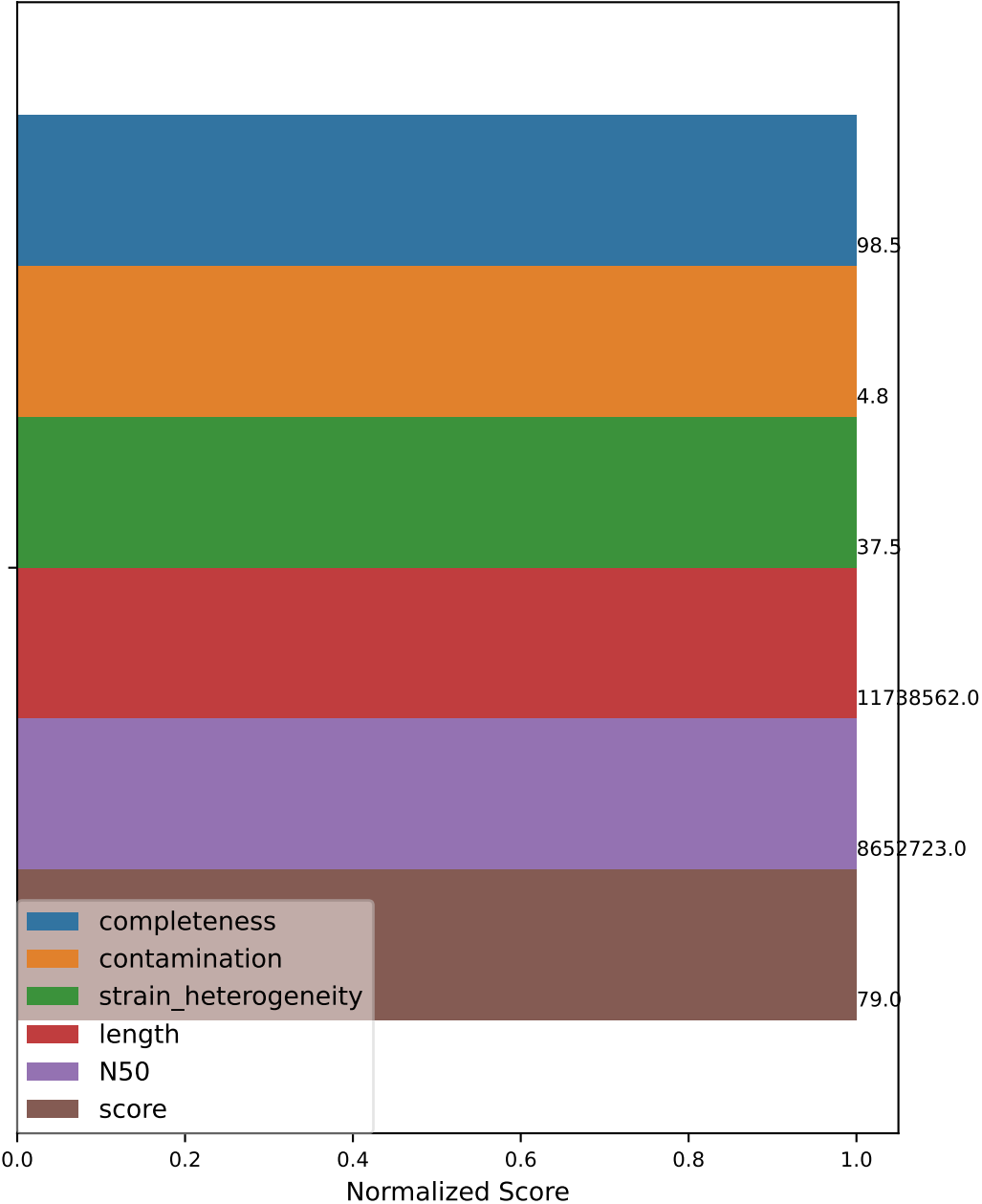
Scoring of cluster 5\_1



Scoring of cluster 6\_0

genome

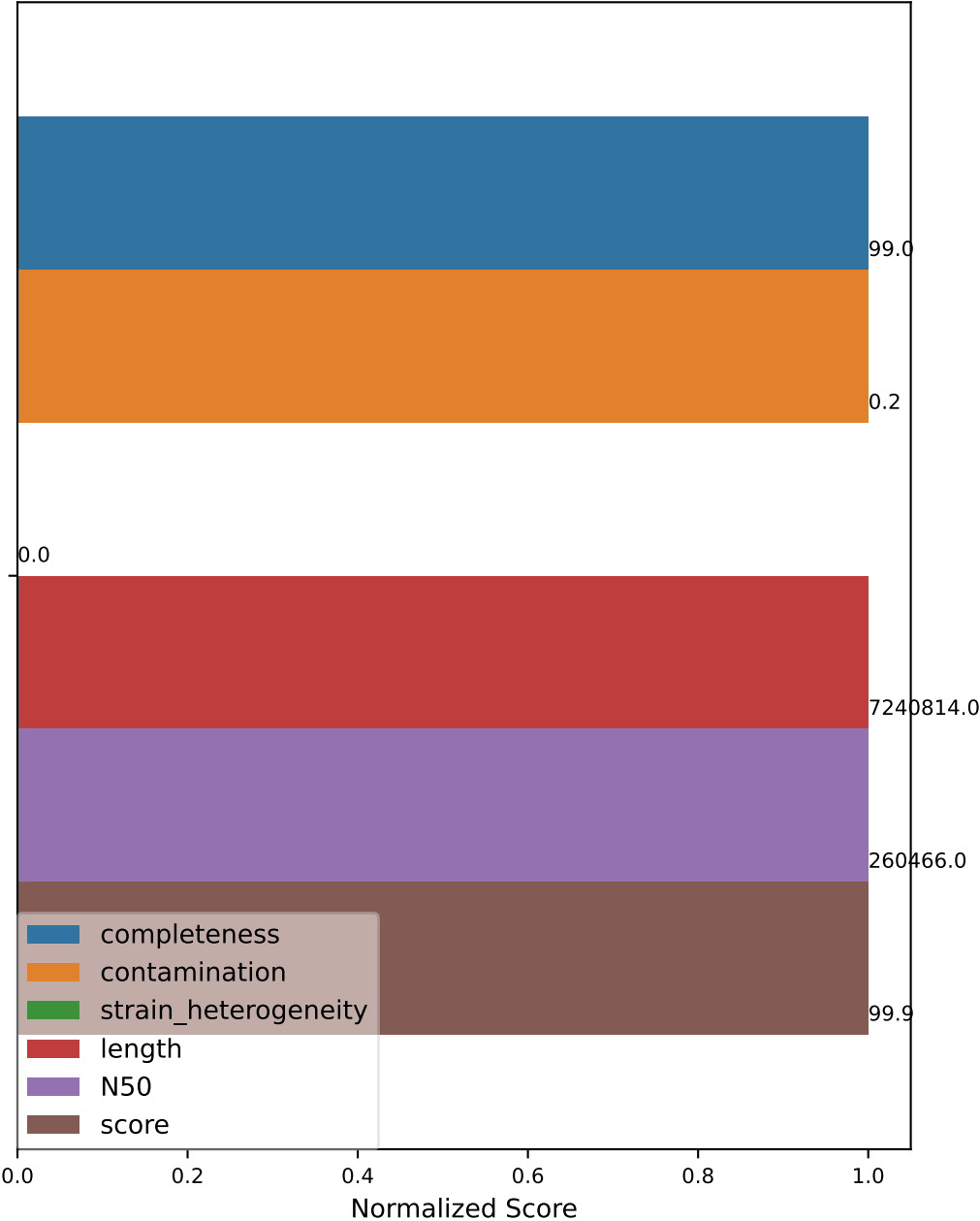
GCF\_900129675.1.fna \*



Scoring of cluster 7\_0

genome

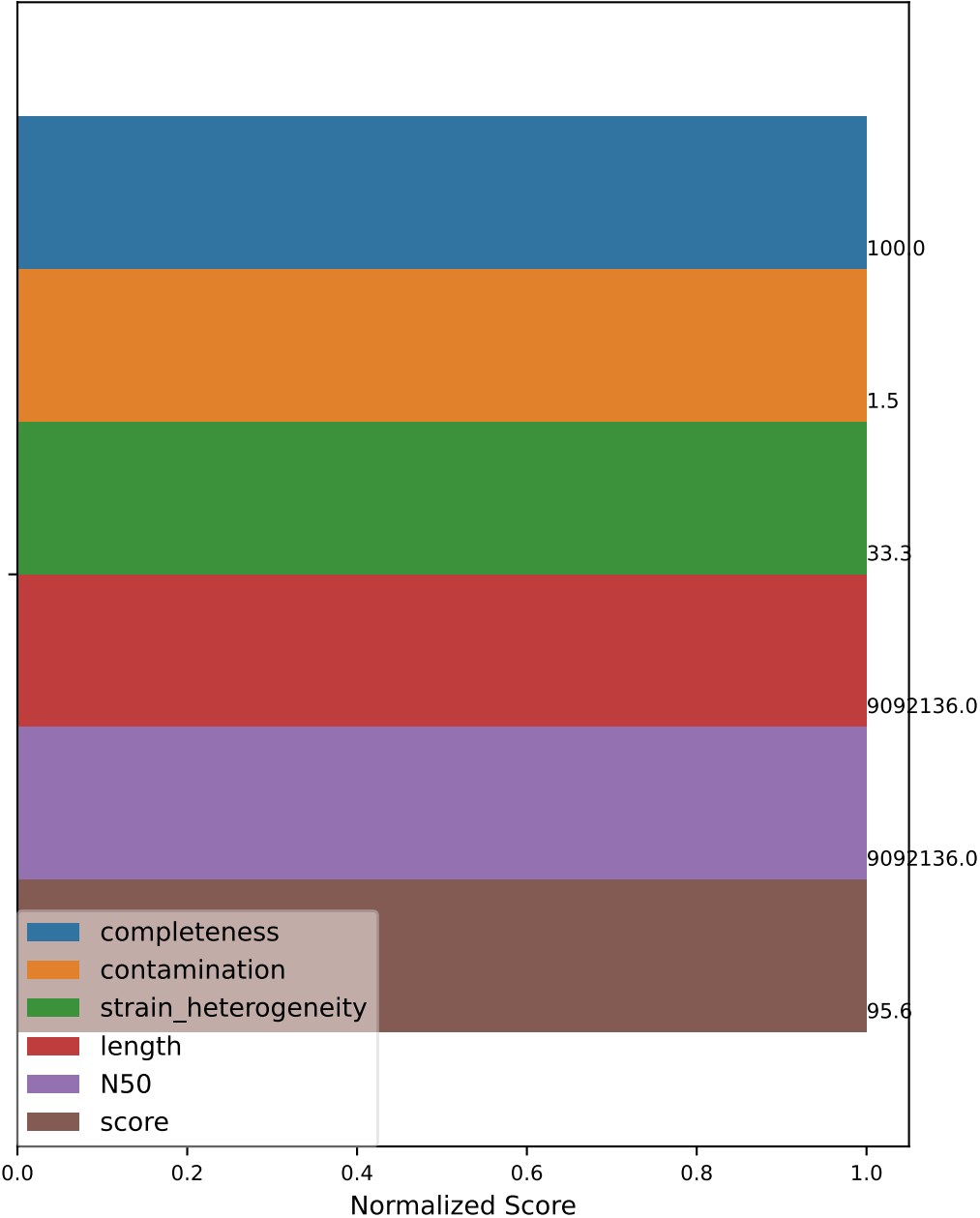
GCF\_018129385.1.fna \*



Scoring of cluster 8\_0

genome

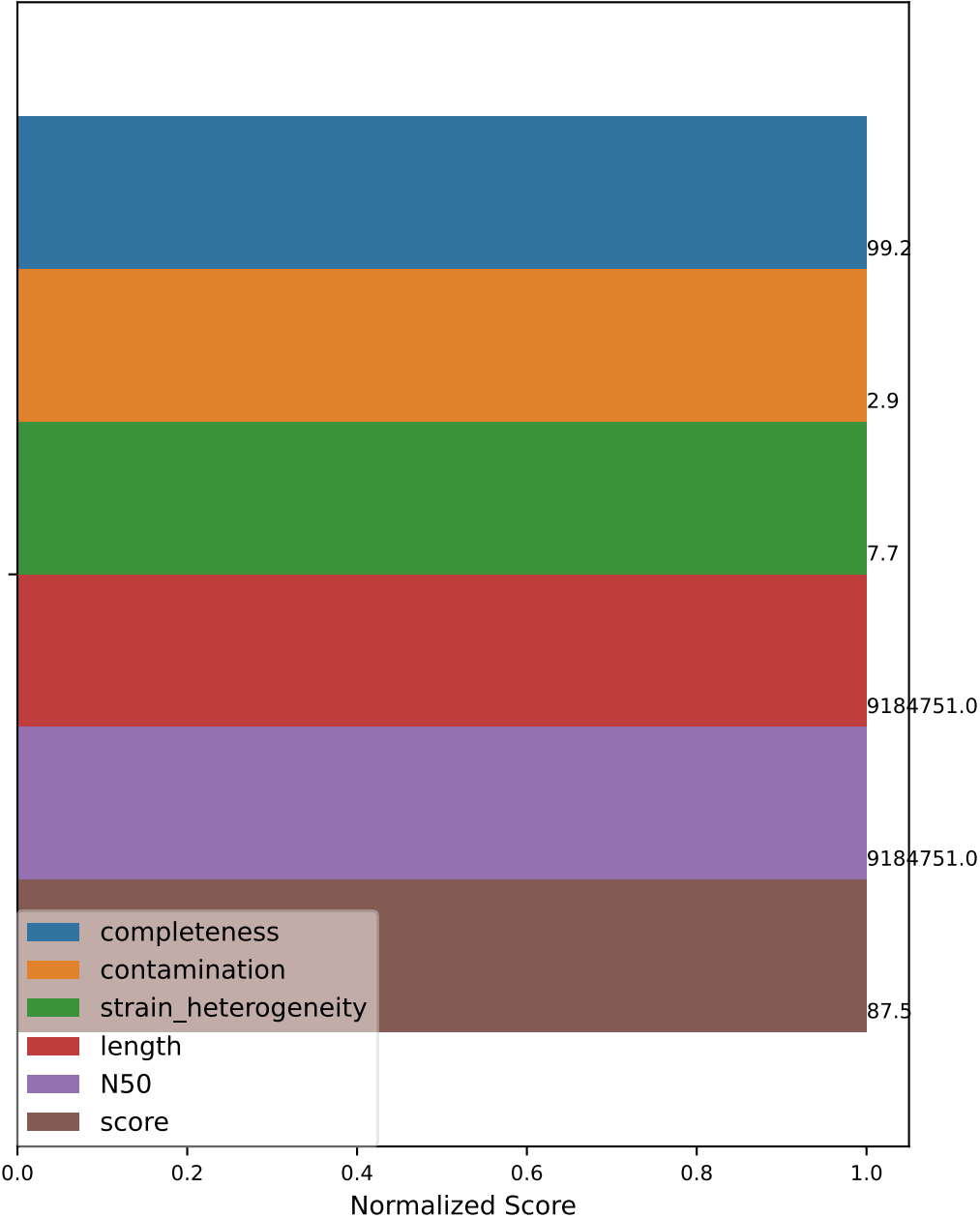
GCF\_900129425.1.fna \*



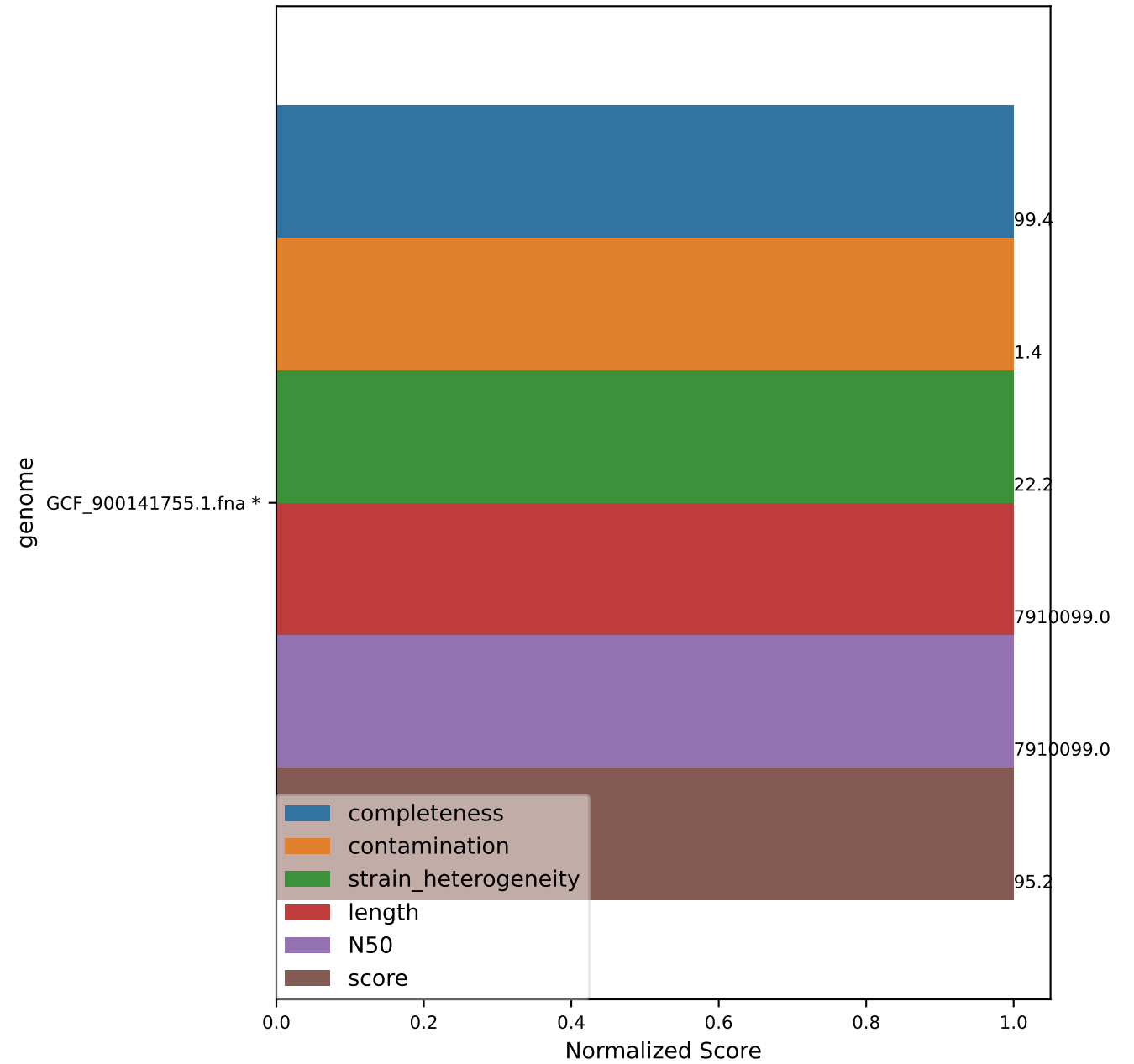
Scoring of cluster 9\_0

genome

GCF\_900129505.1.fna \*

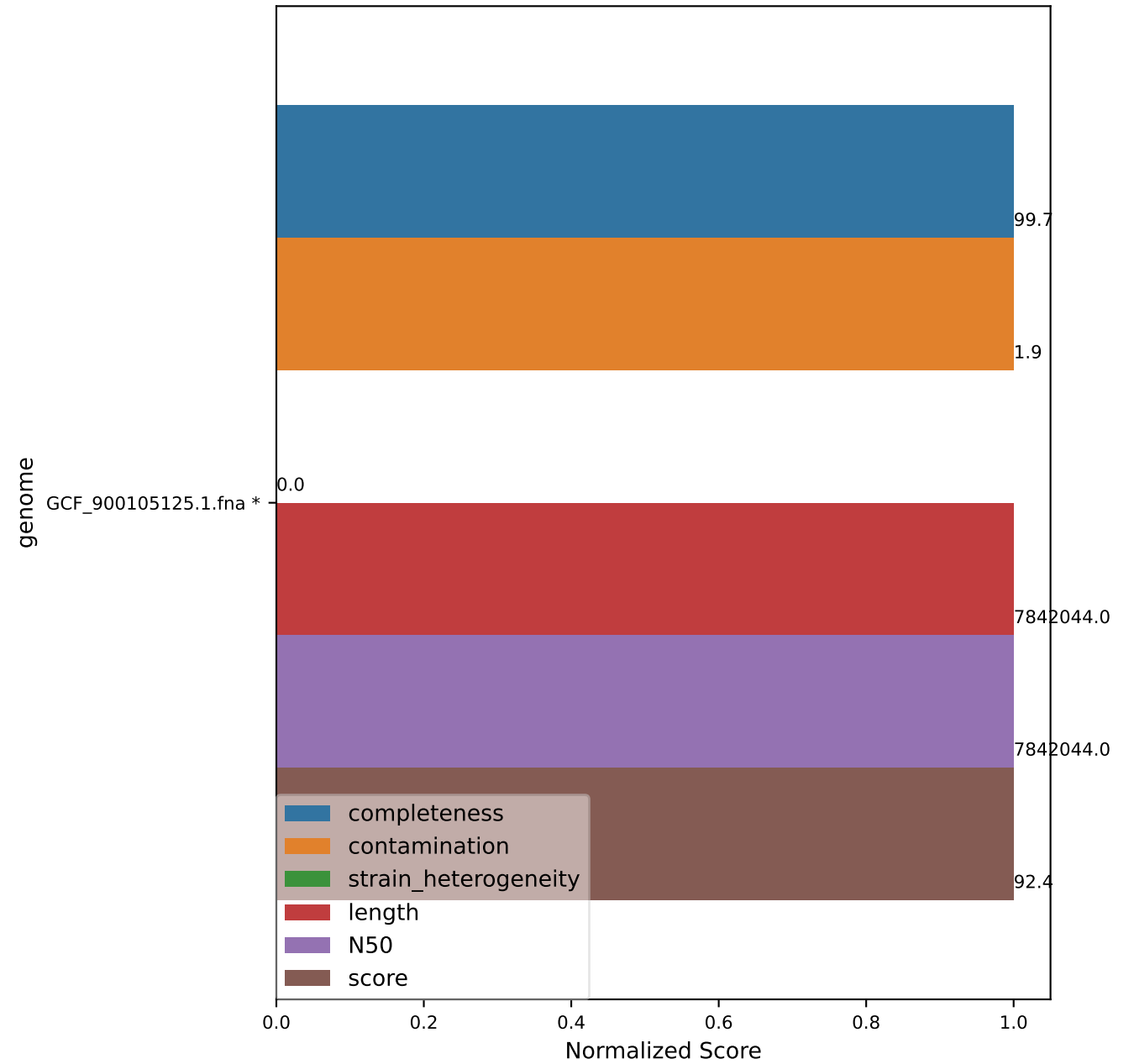


Scoring of cluster 10\_0

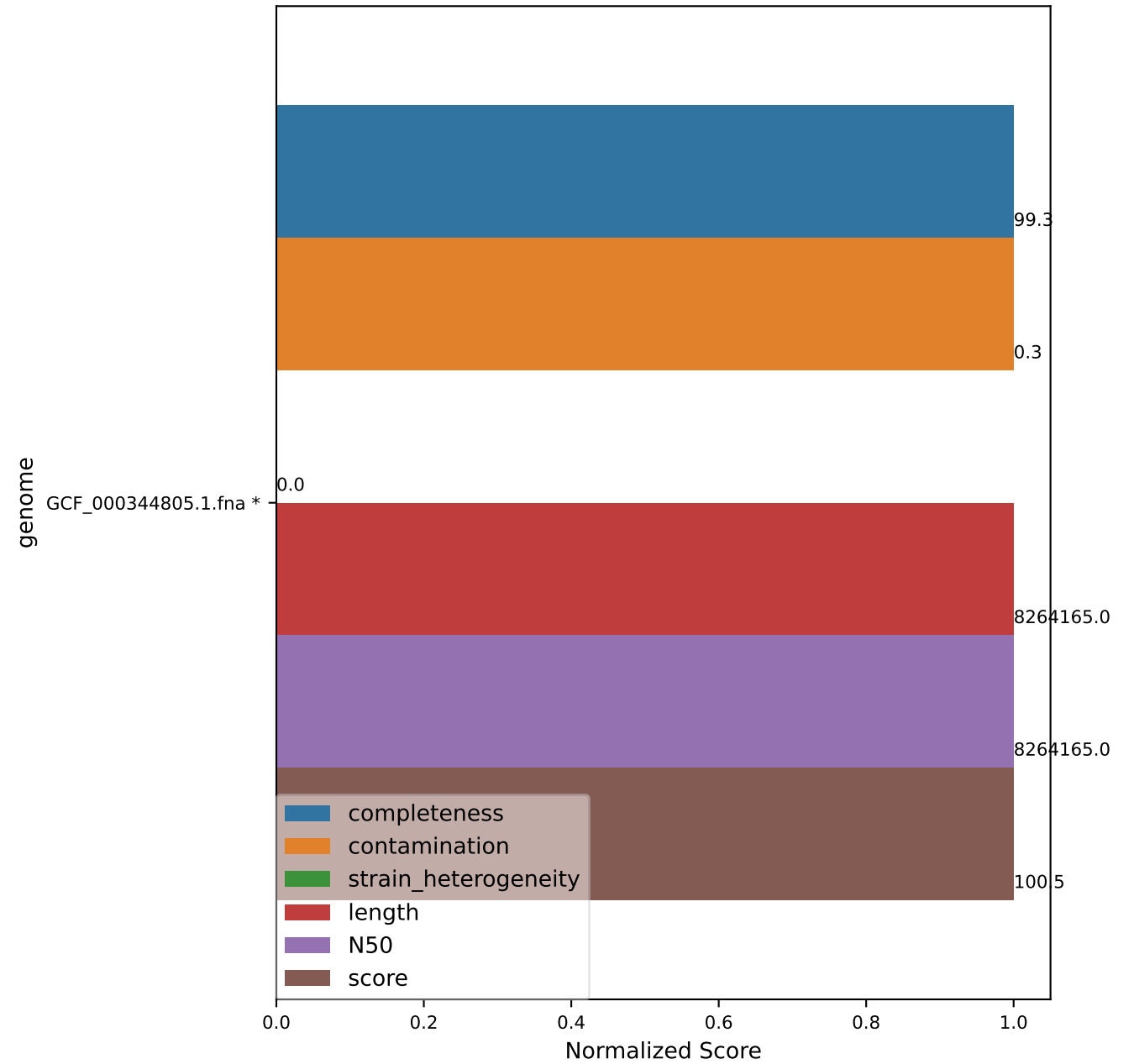




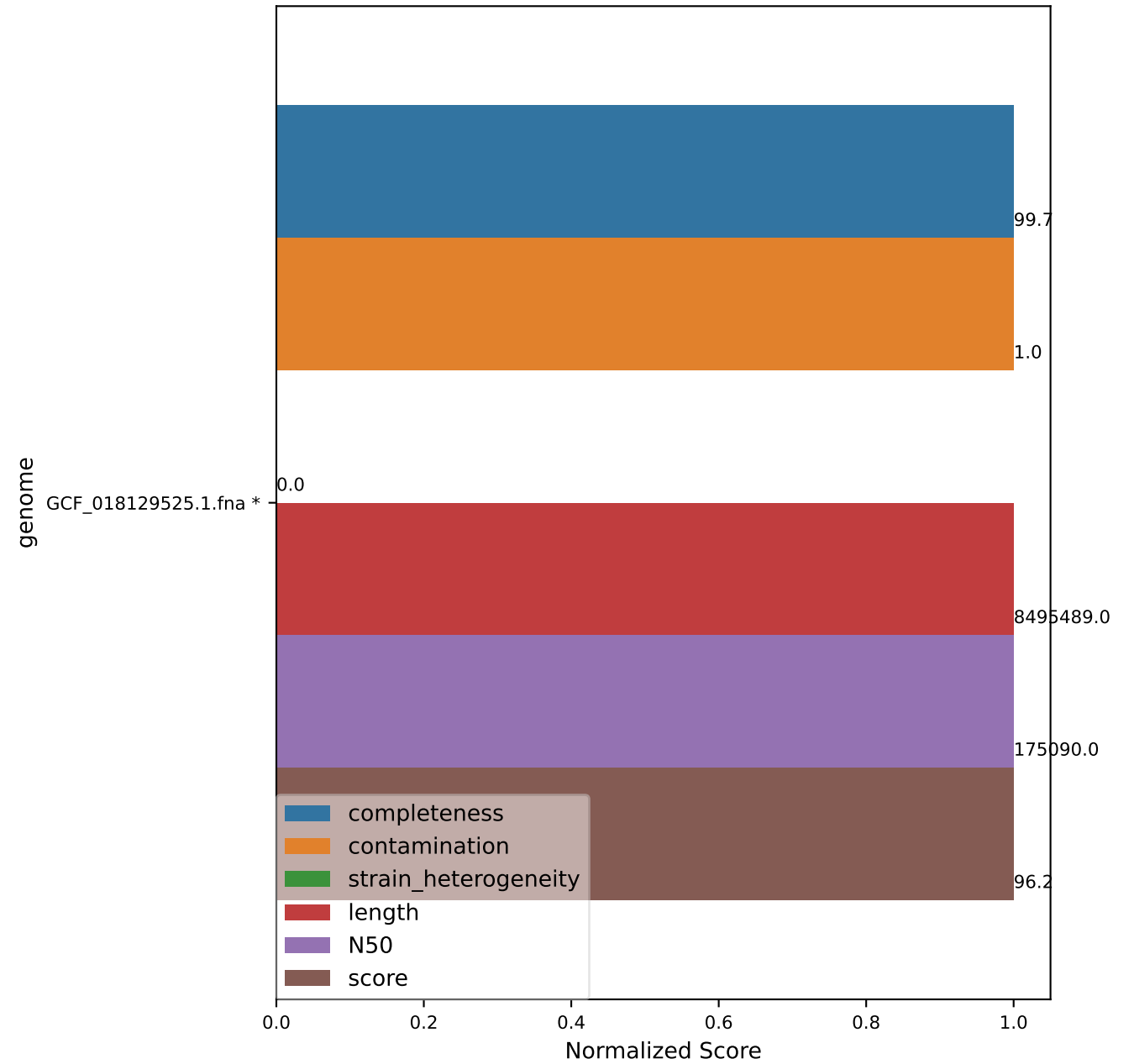
Scoring of cluster 11\_0



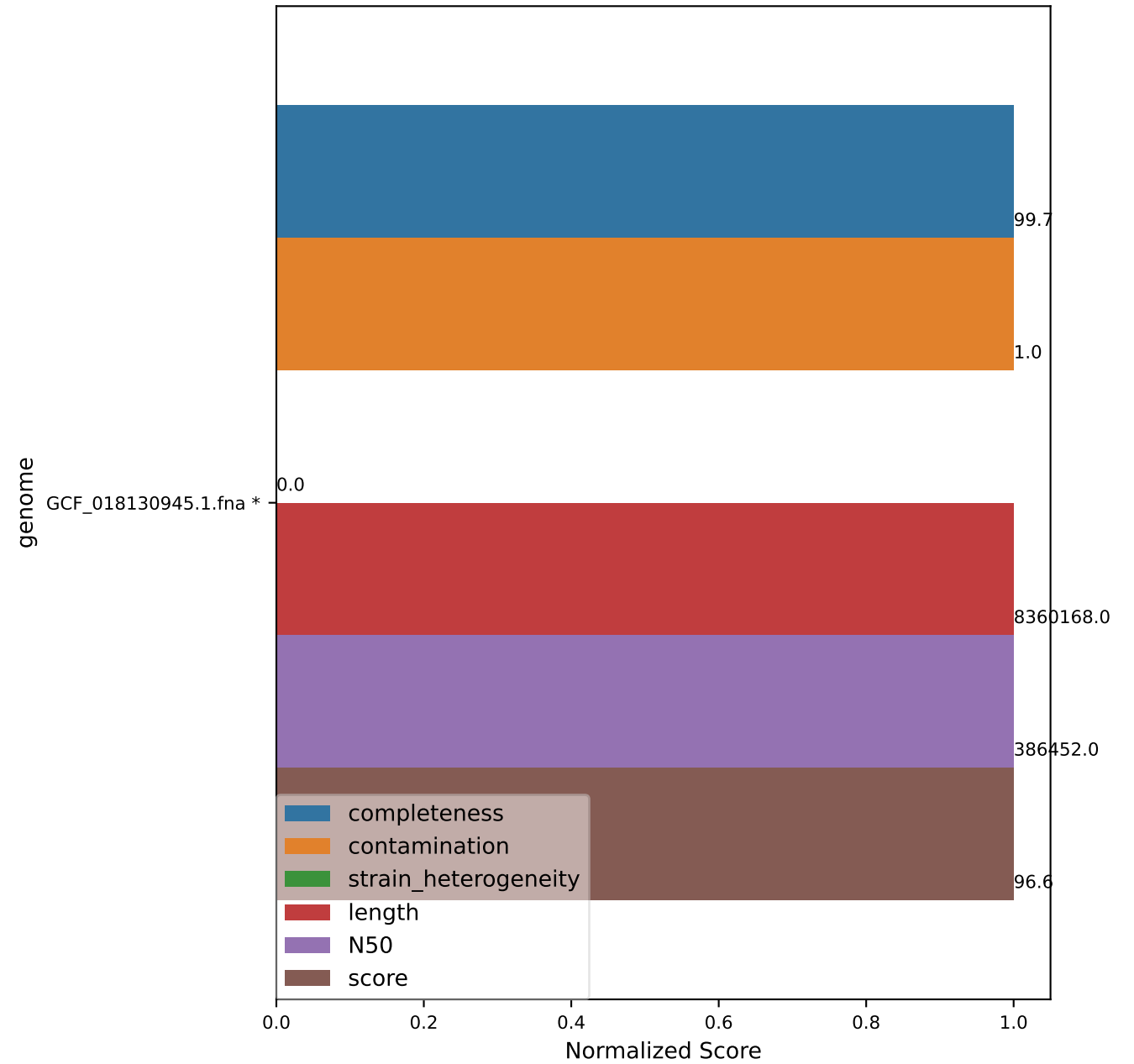
Scoring of cluster 12\_0



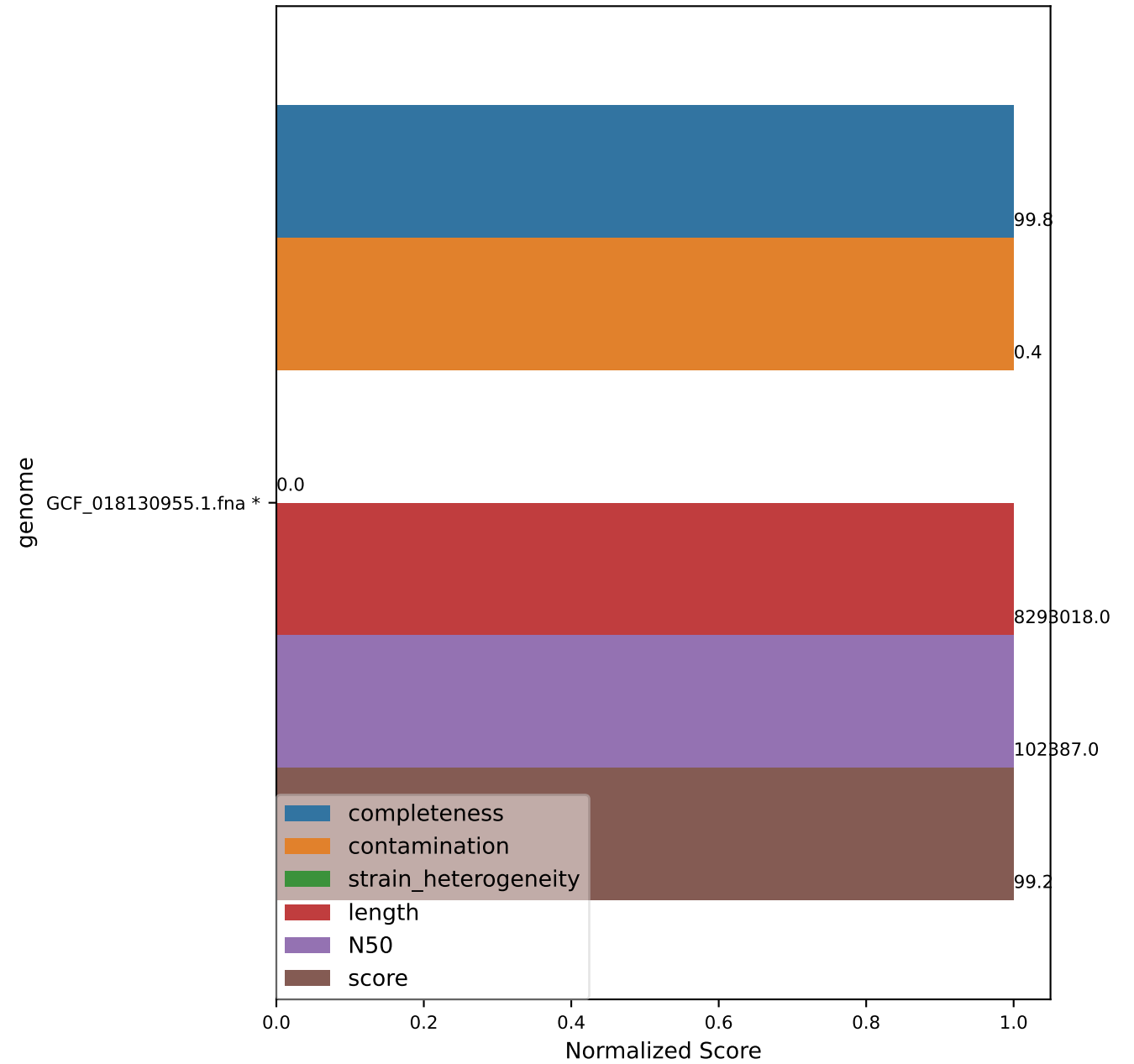
Scoring of cluster 13\_0



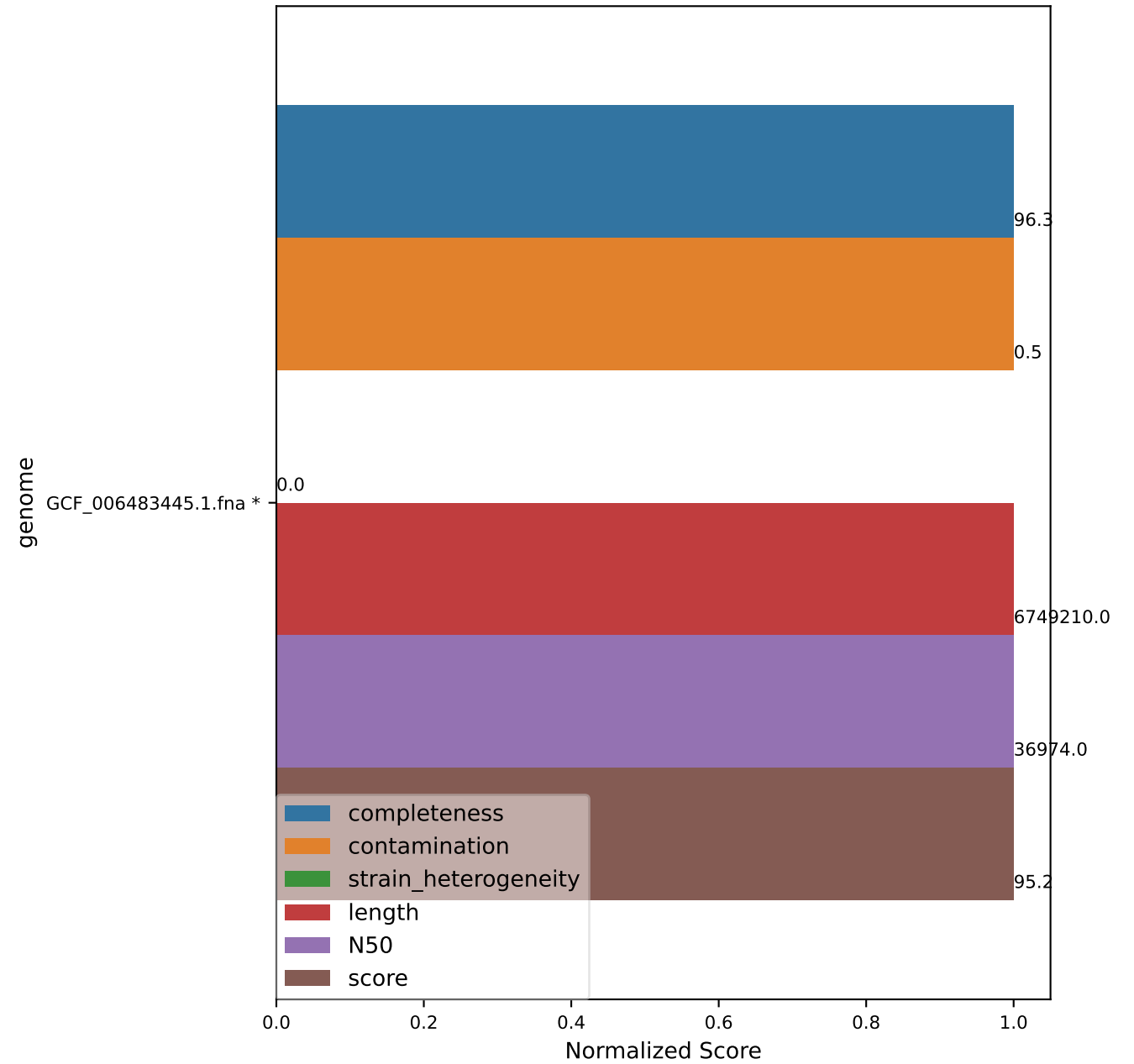
Scoring of cluster 14\_1



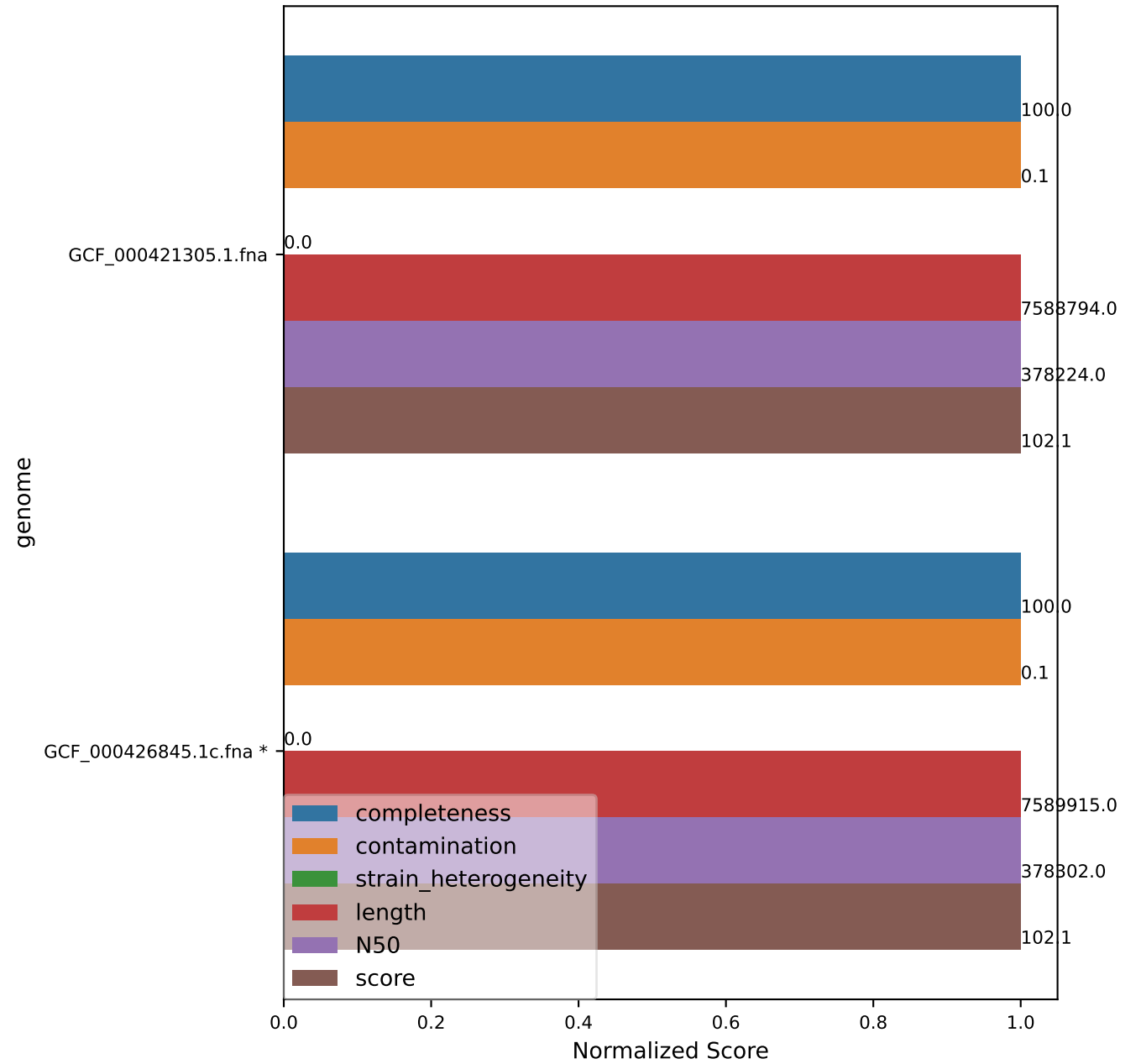
Scoring of cluster 14\_2



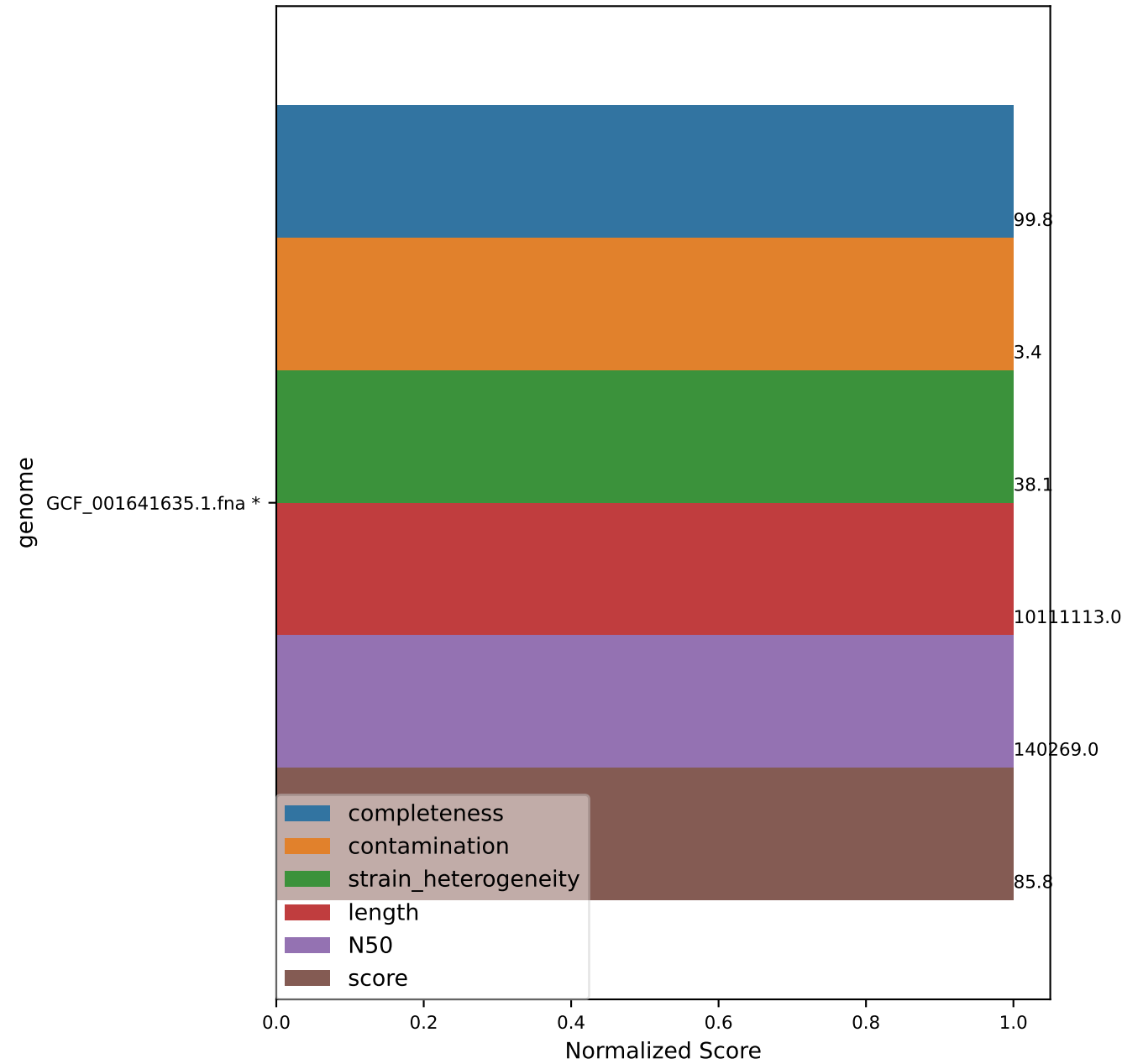
Scoring of cluster 14\_3



# Scoring of cluster 15\_1

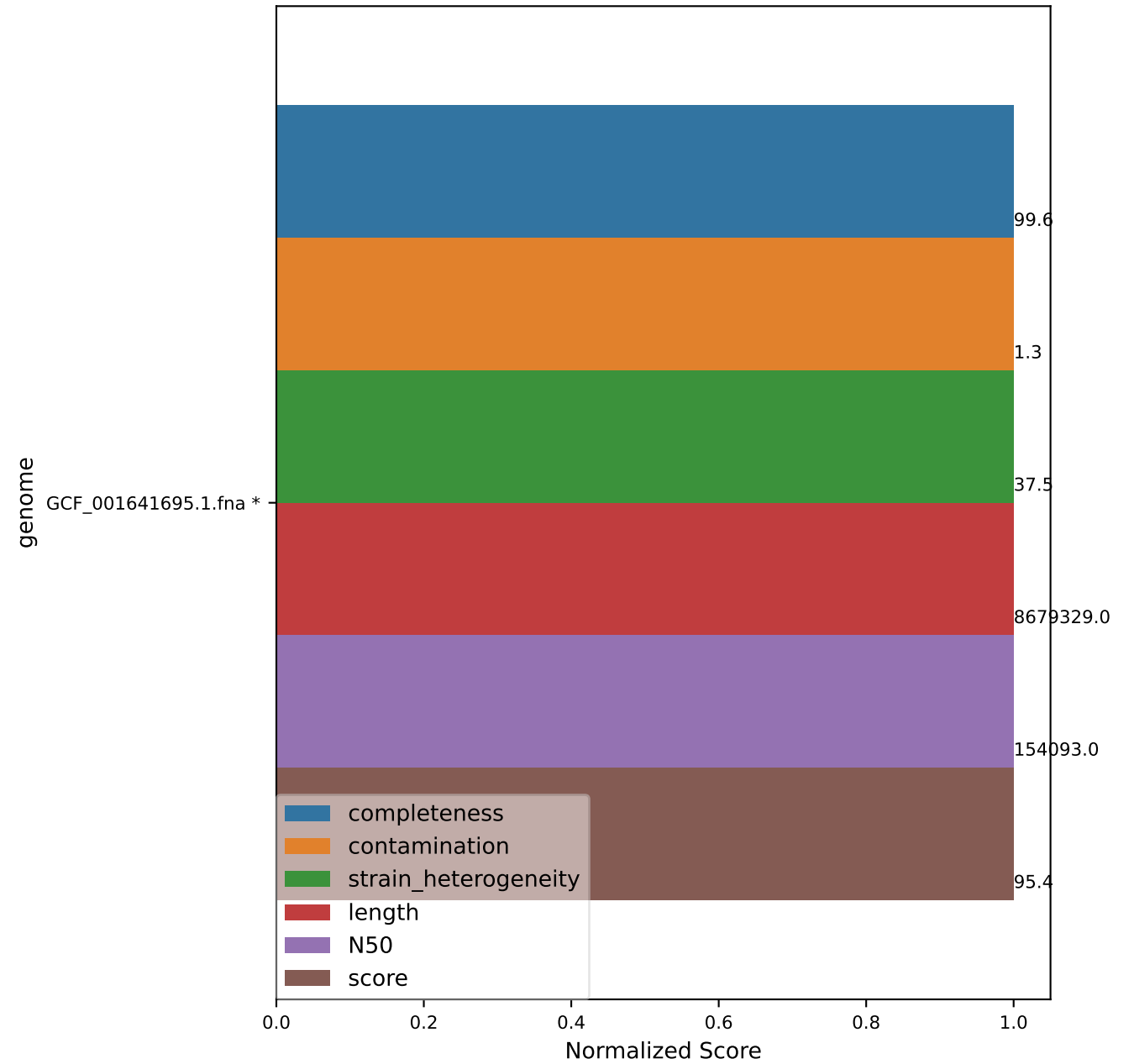


Scoring of cluster 16\_1

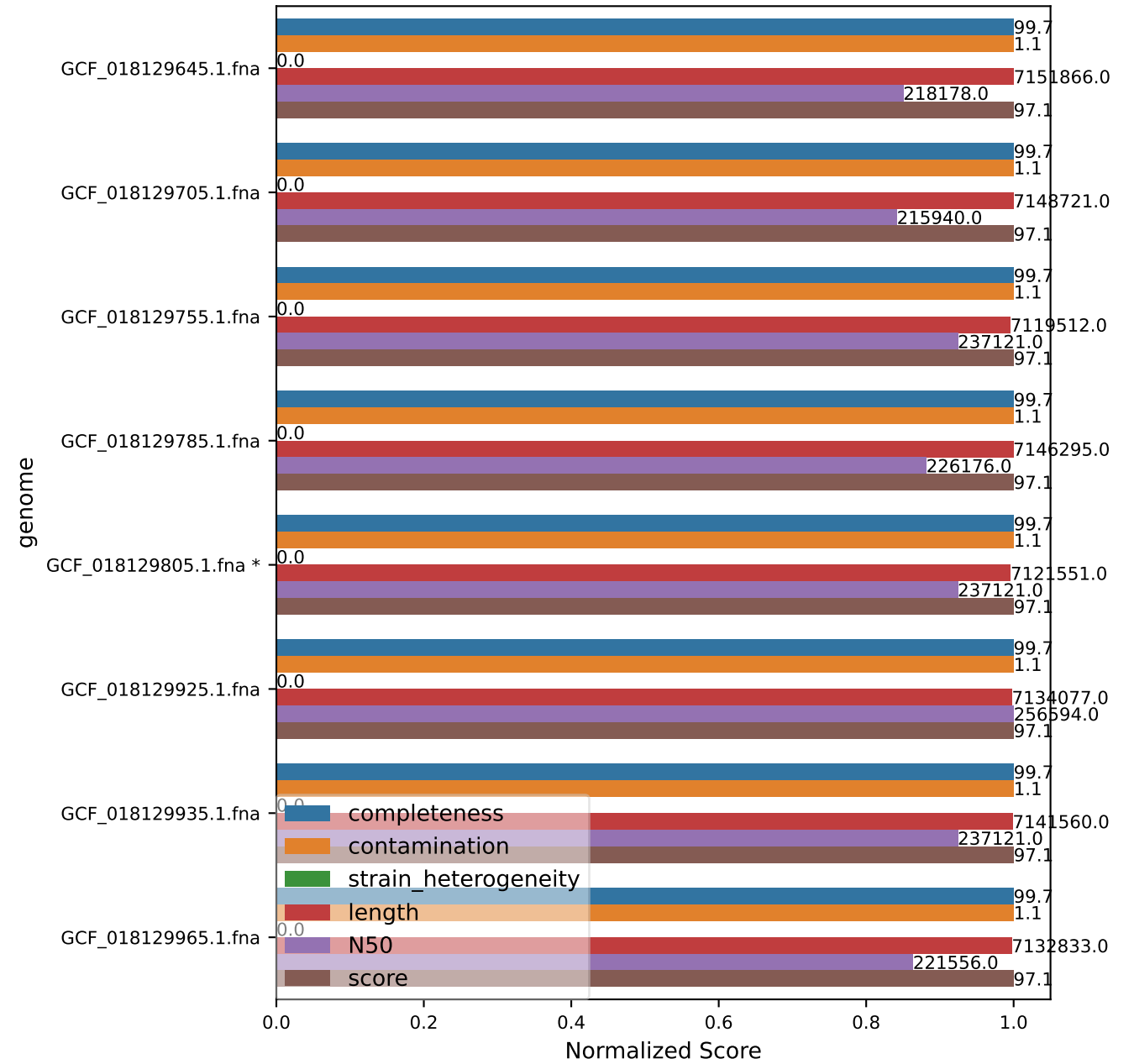




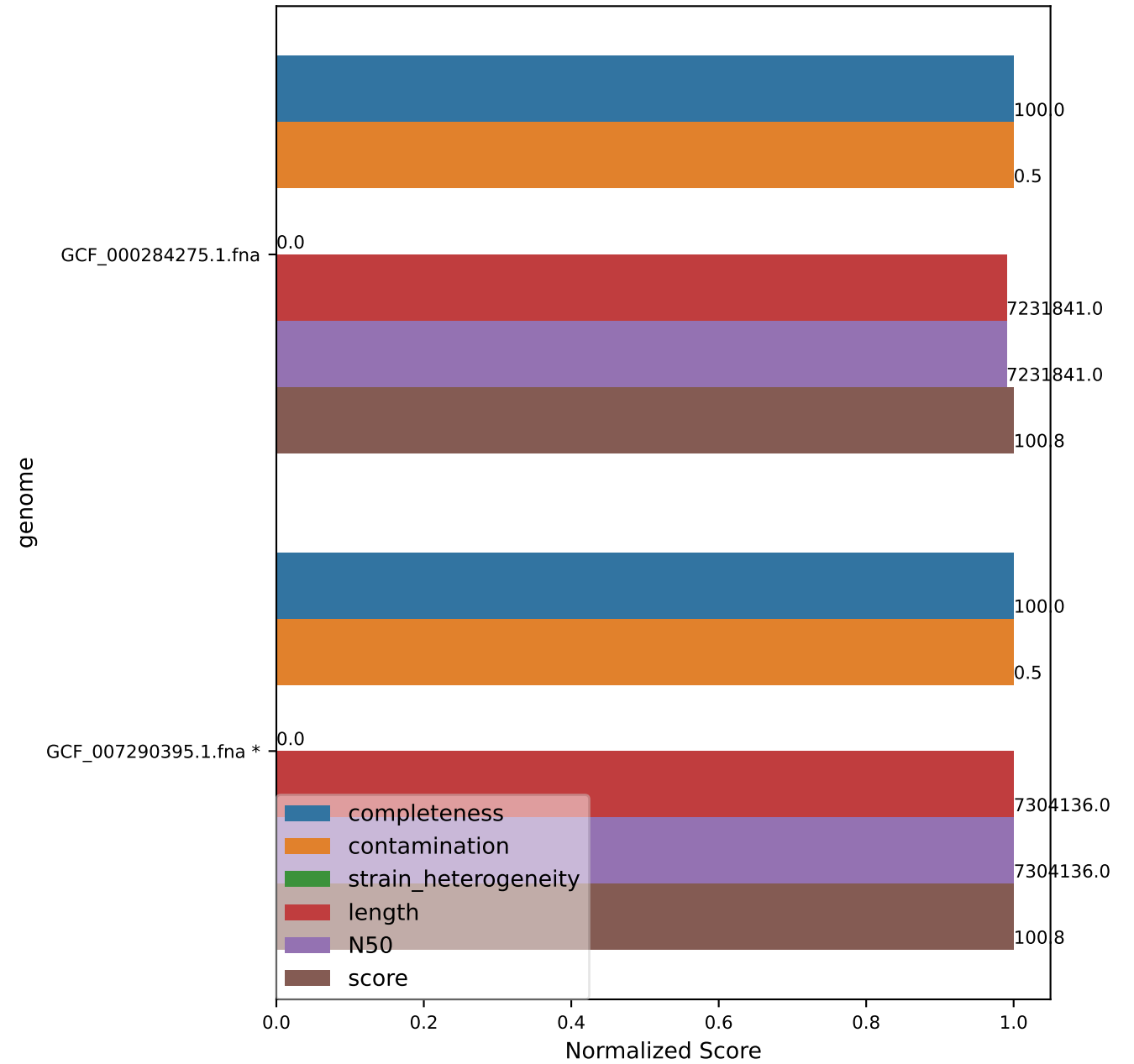
Scoring of cluster 16\_2



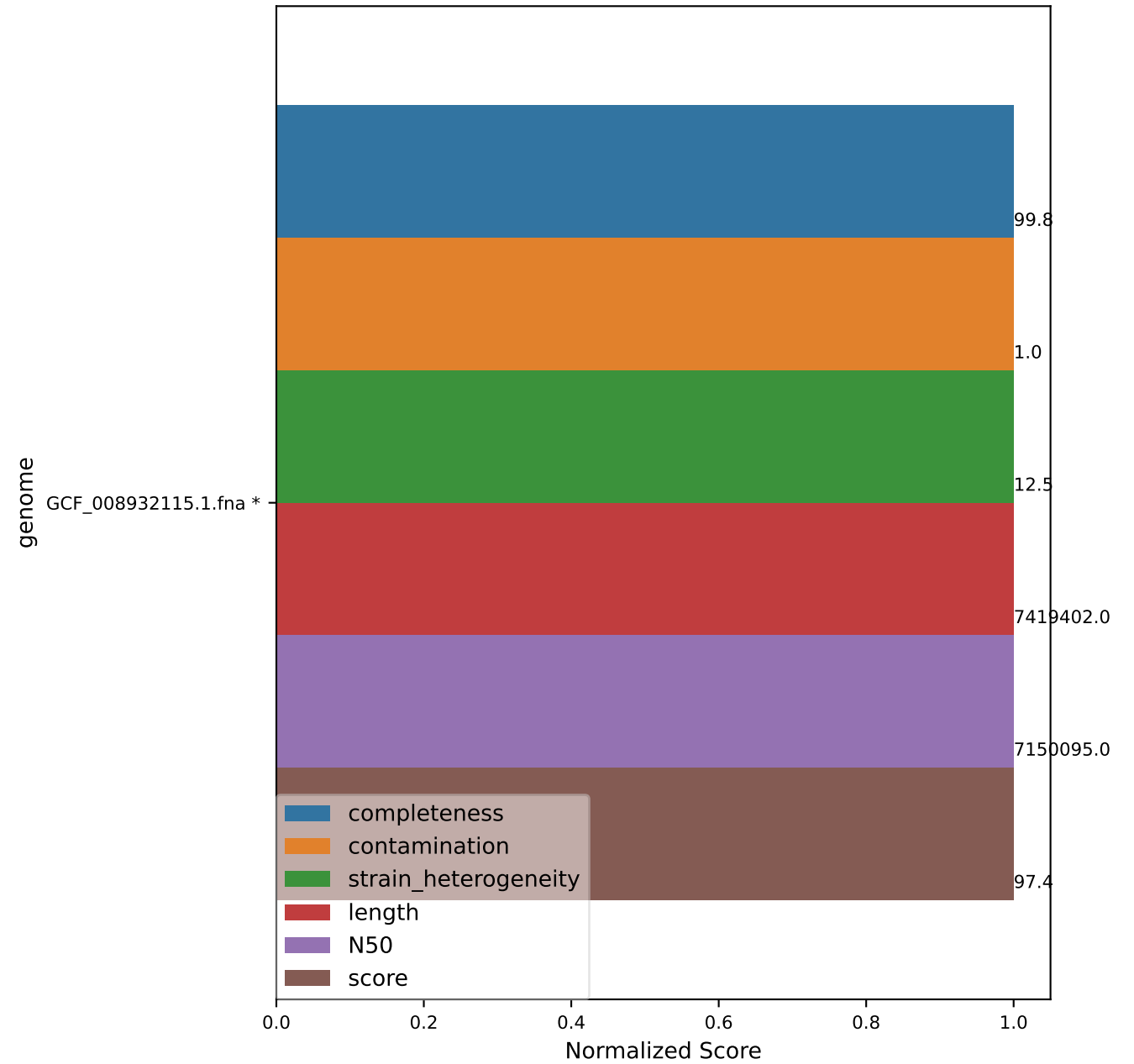
Scoring of cluster 17\_1



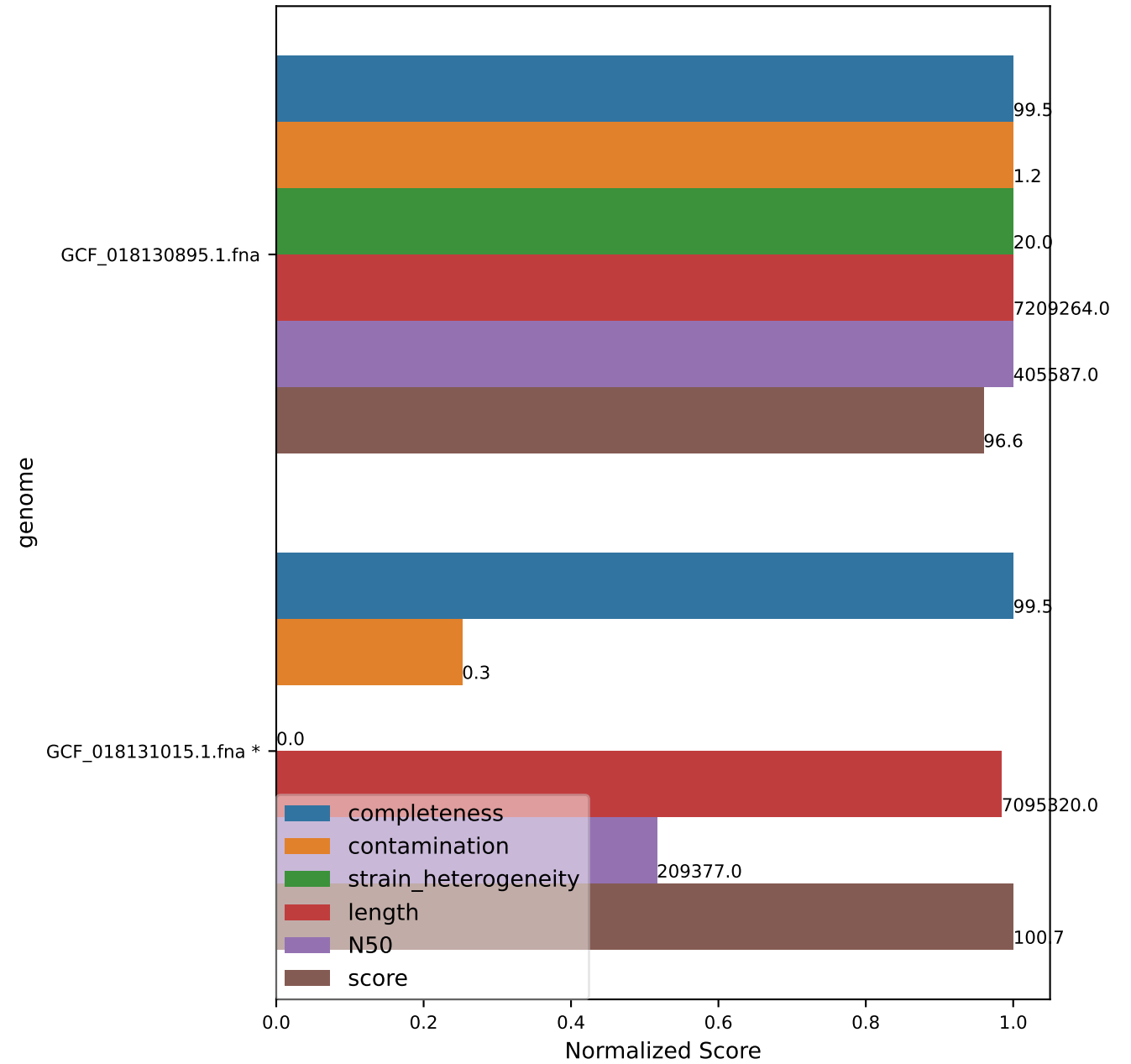
Scoring of cluster 17\_2



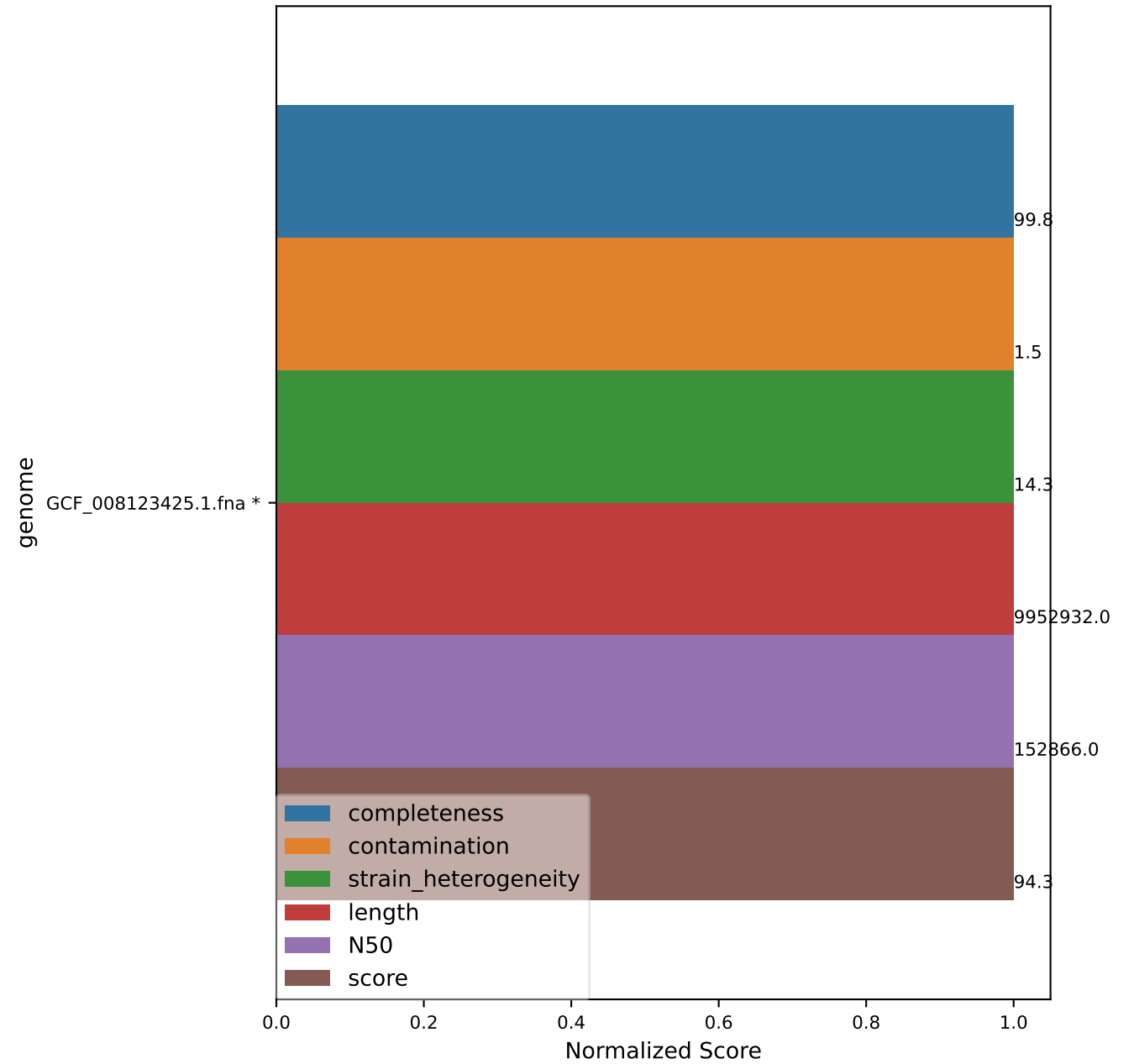
Scoring of cluster 17\_3



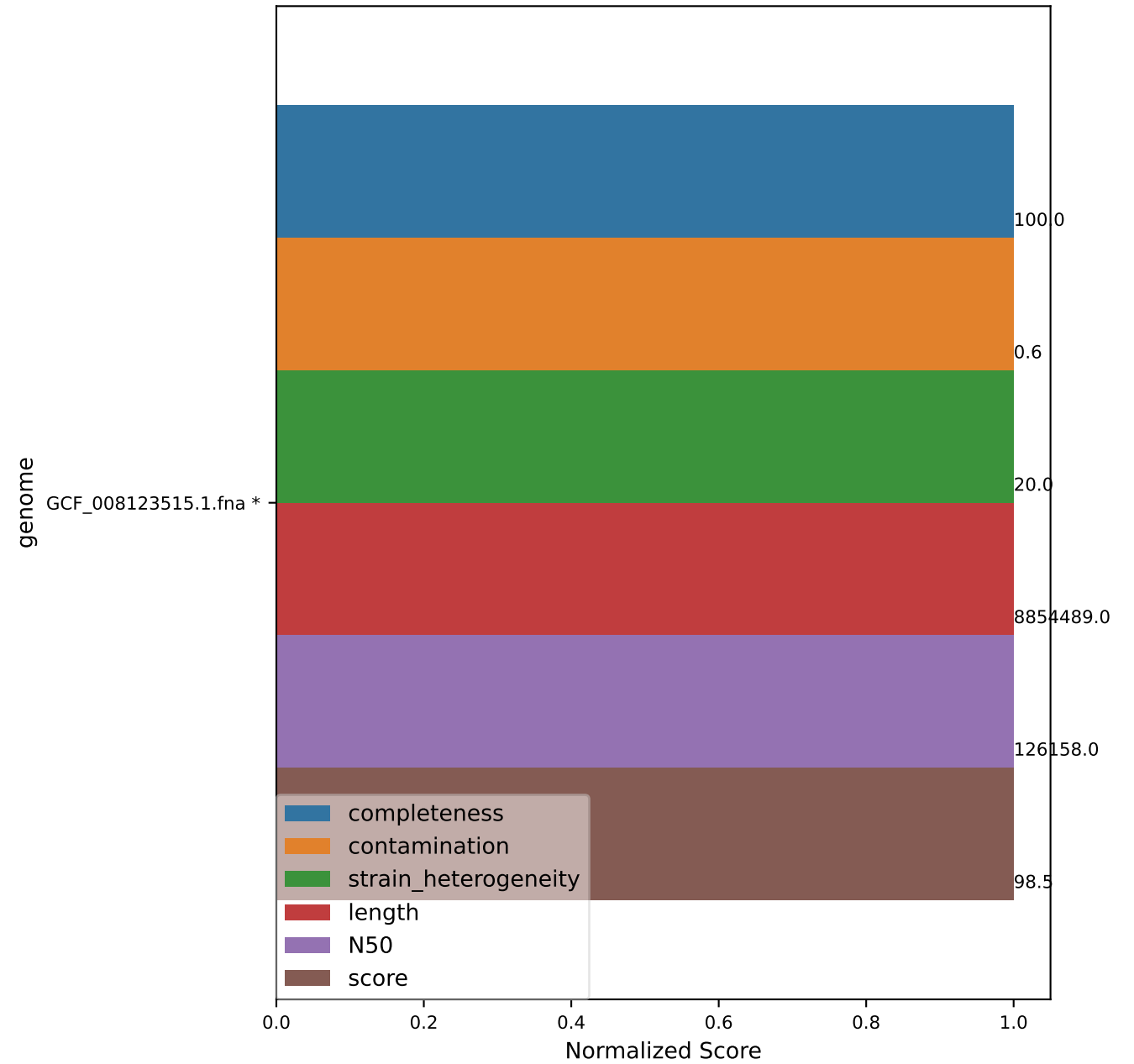
# Scoring of cluster 18\_1



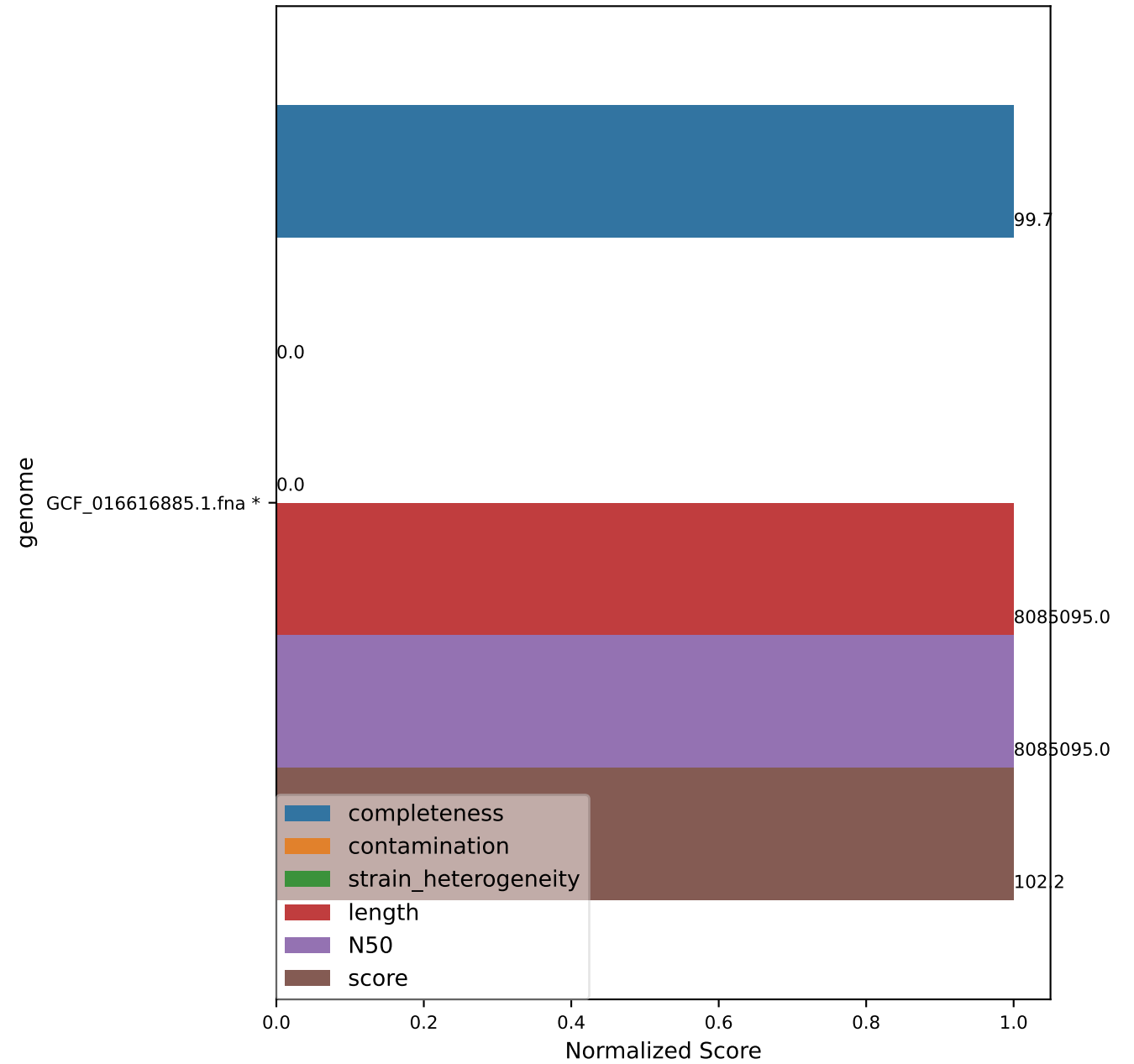
Scoring of cluster 19\_1



Scoring of cluster 19\_2

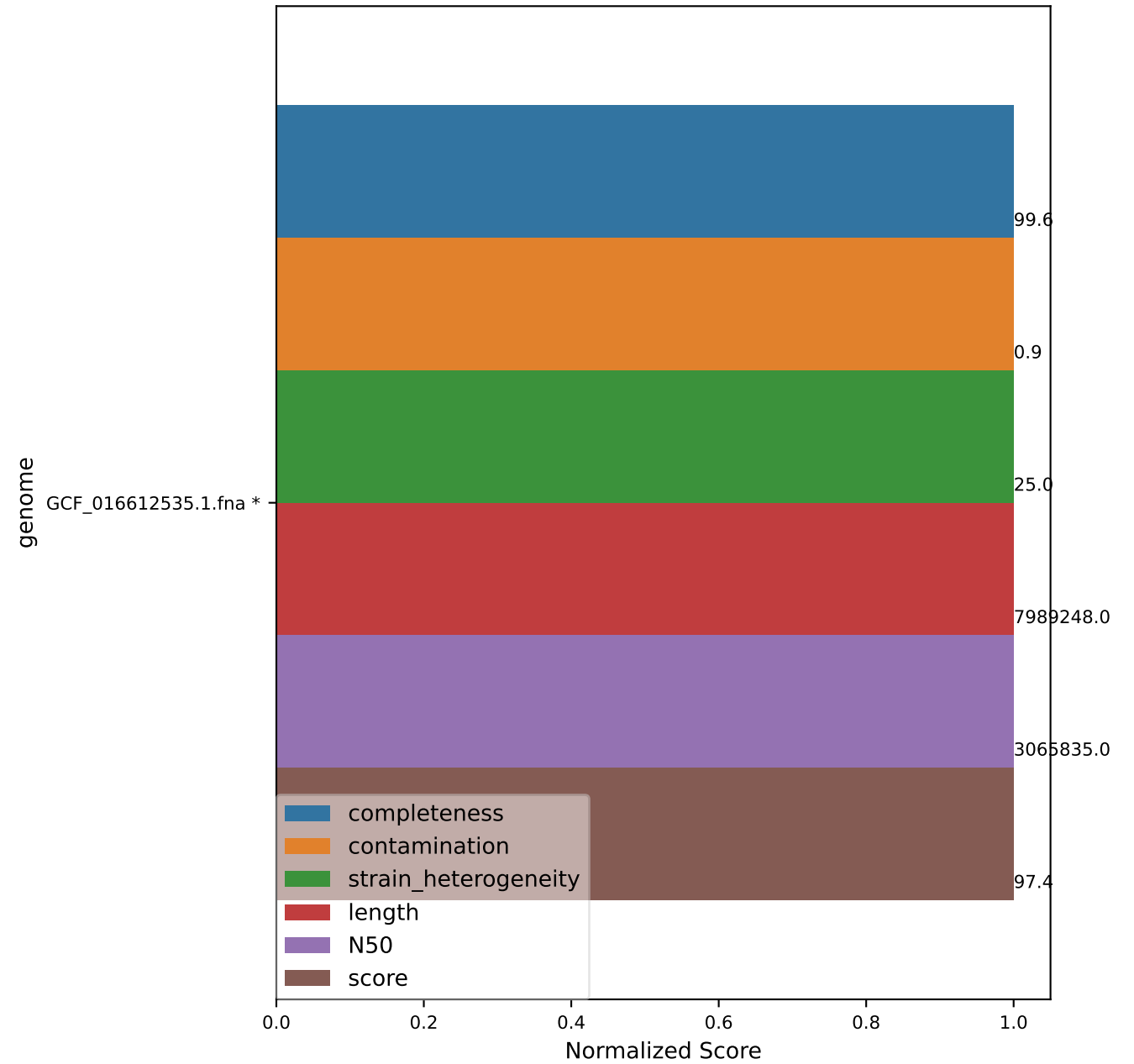


### Scoring of cluster 19\_3

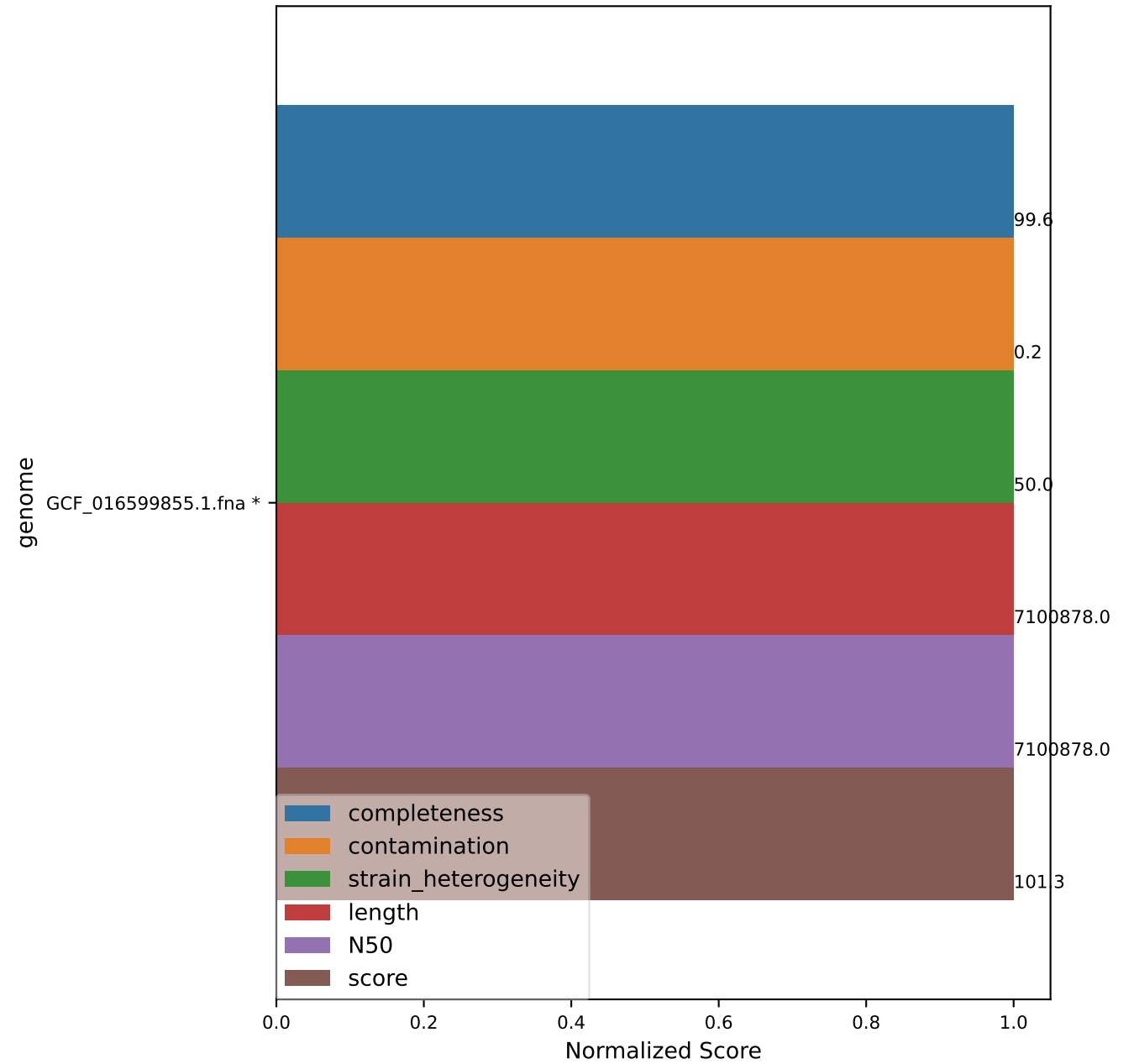




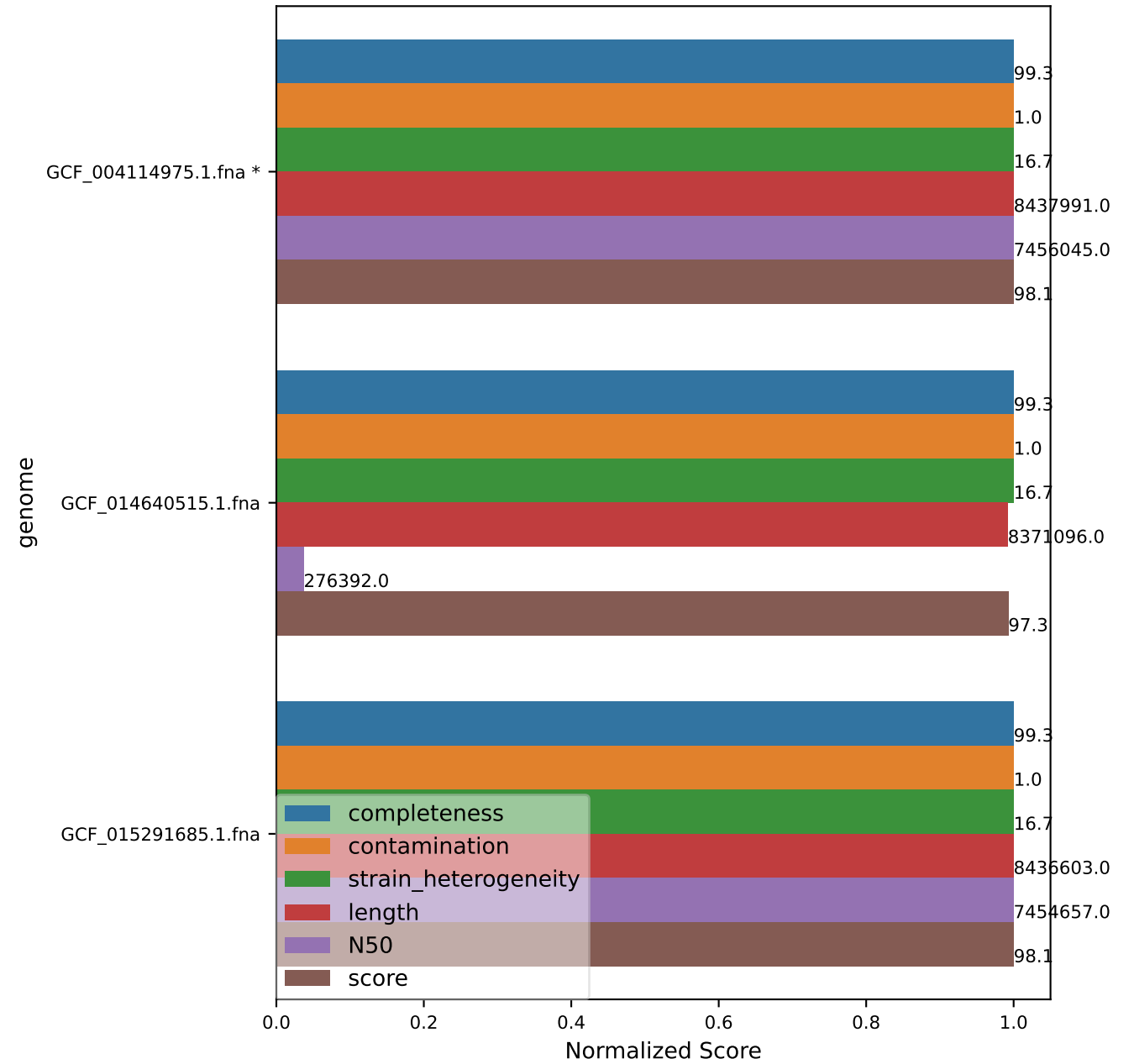
Scoring of cluster 19\_4



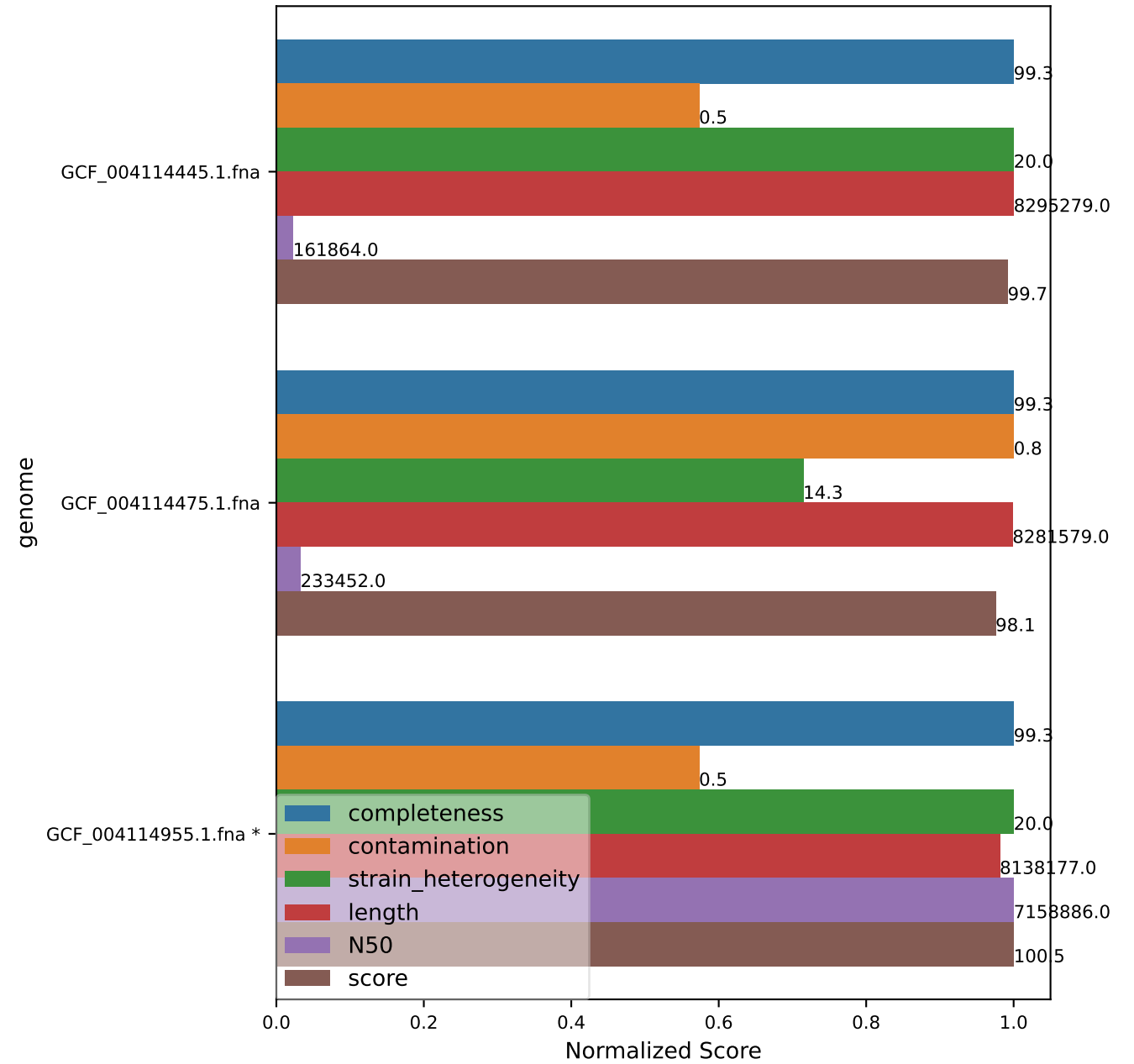
Scoring of cluster 20\_0



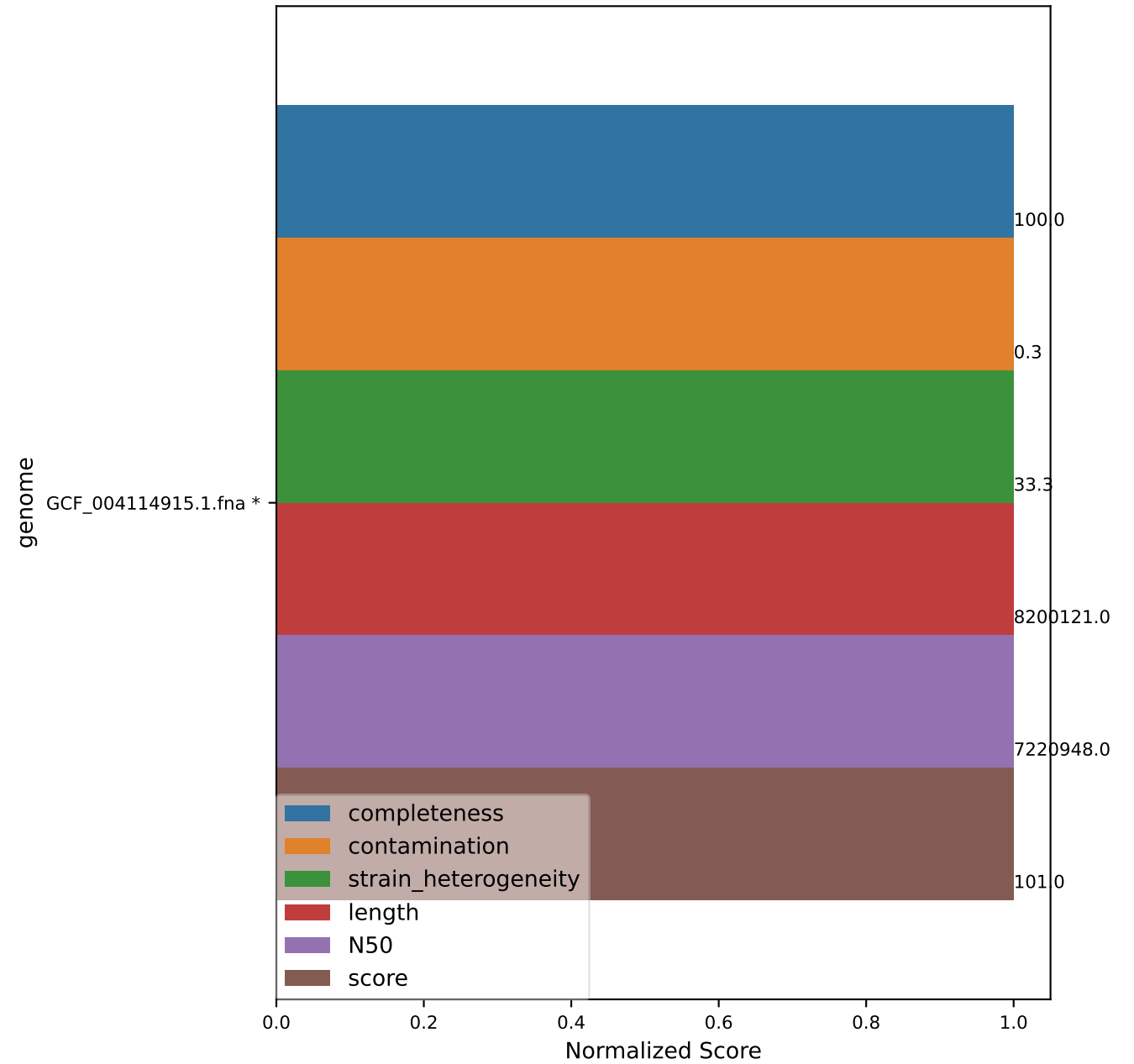
# Scoring of cluster 21\_1

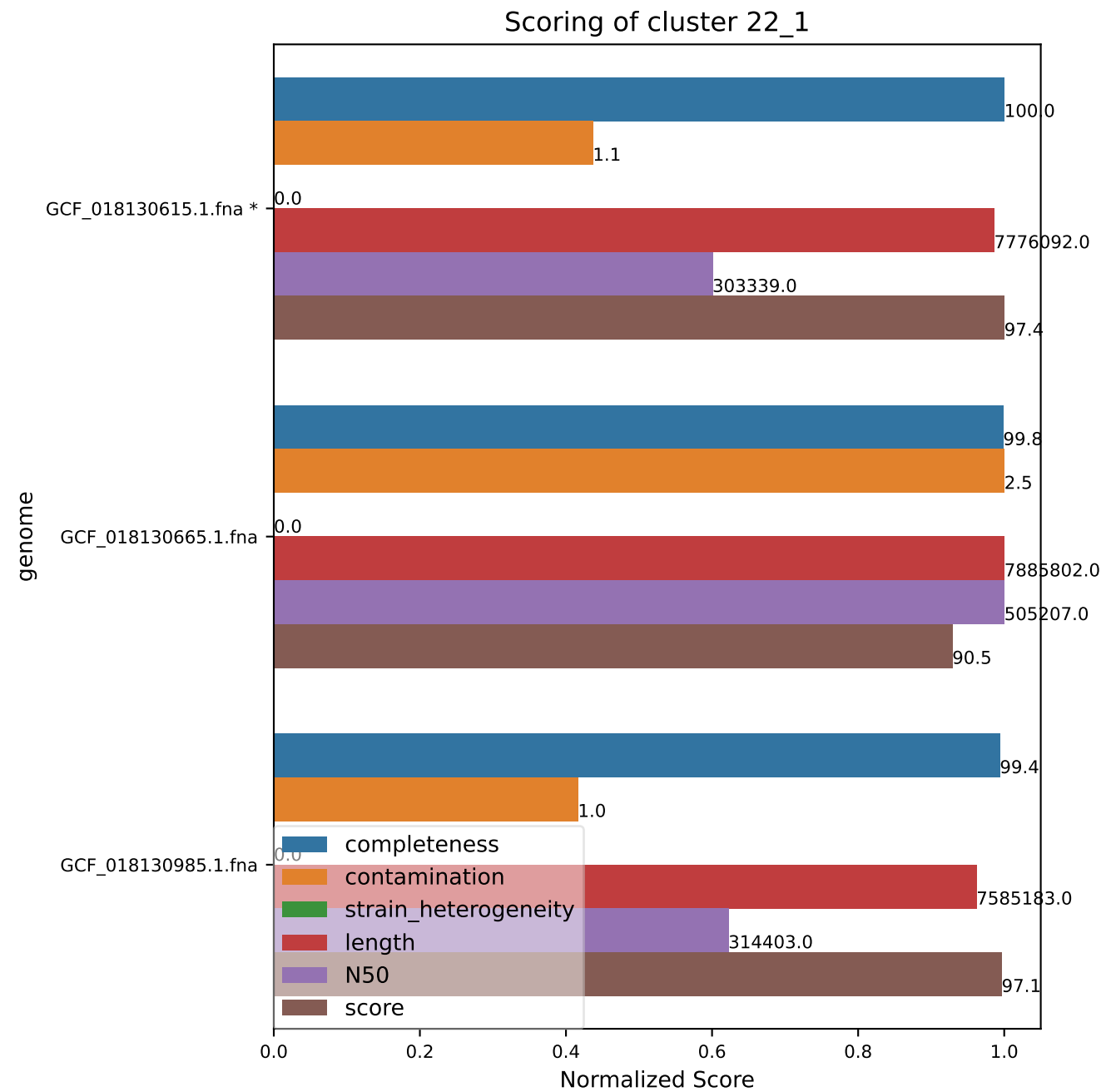


# Scoring of cluster 21\_2

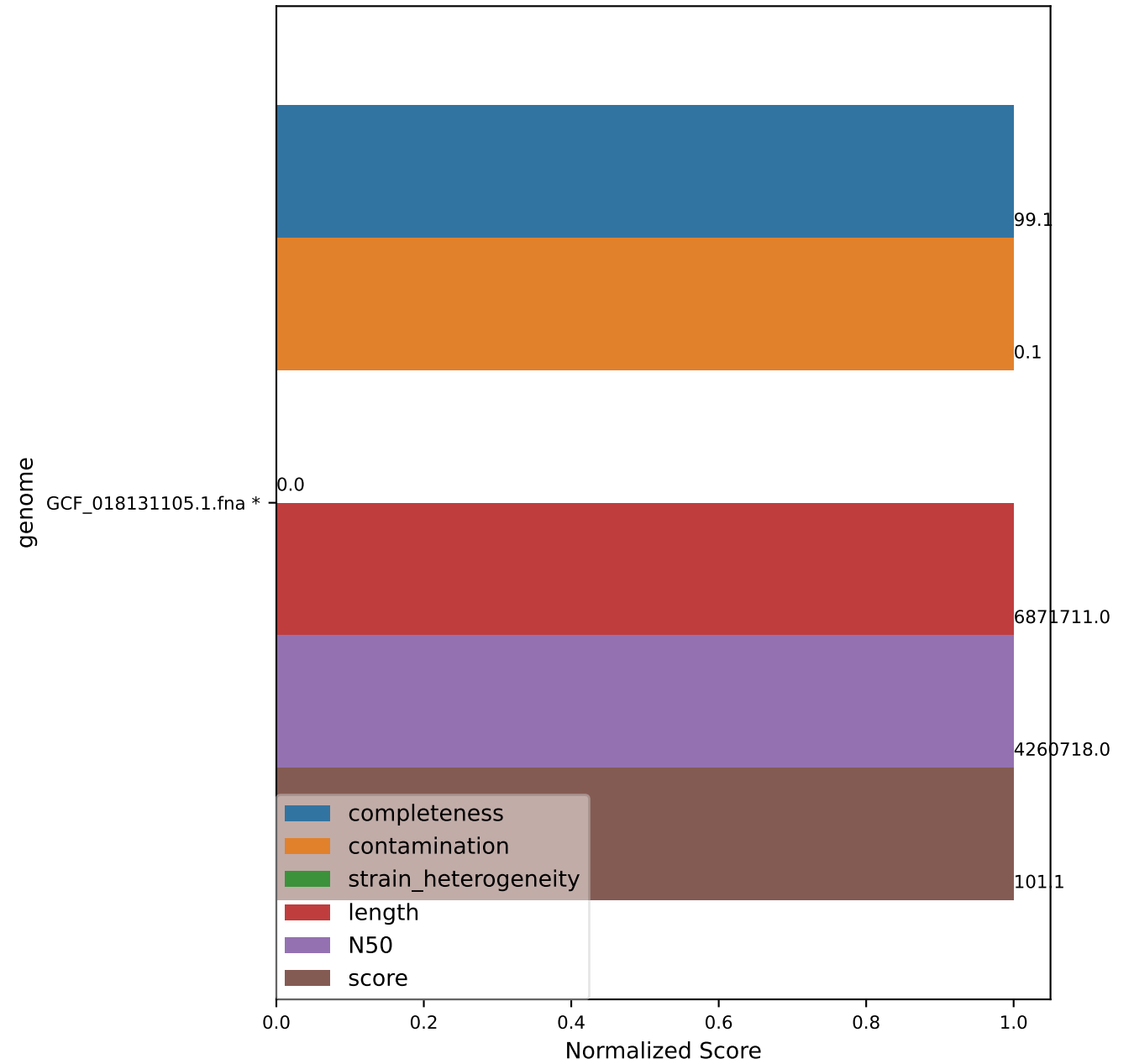


Scoring of cluster 21\_3

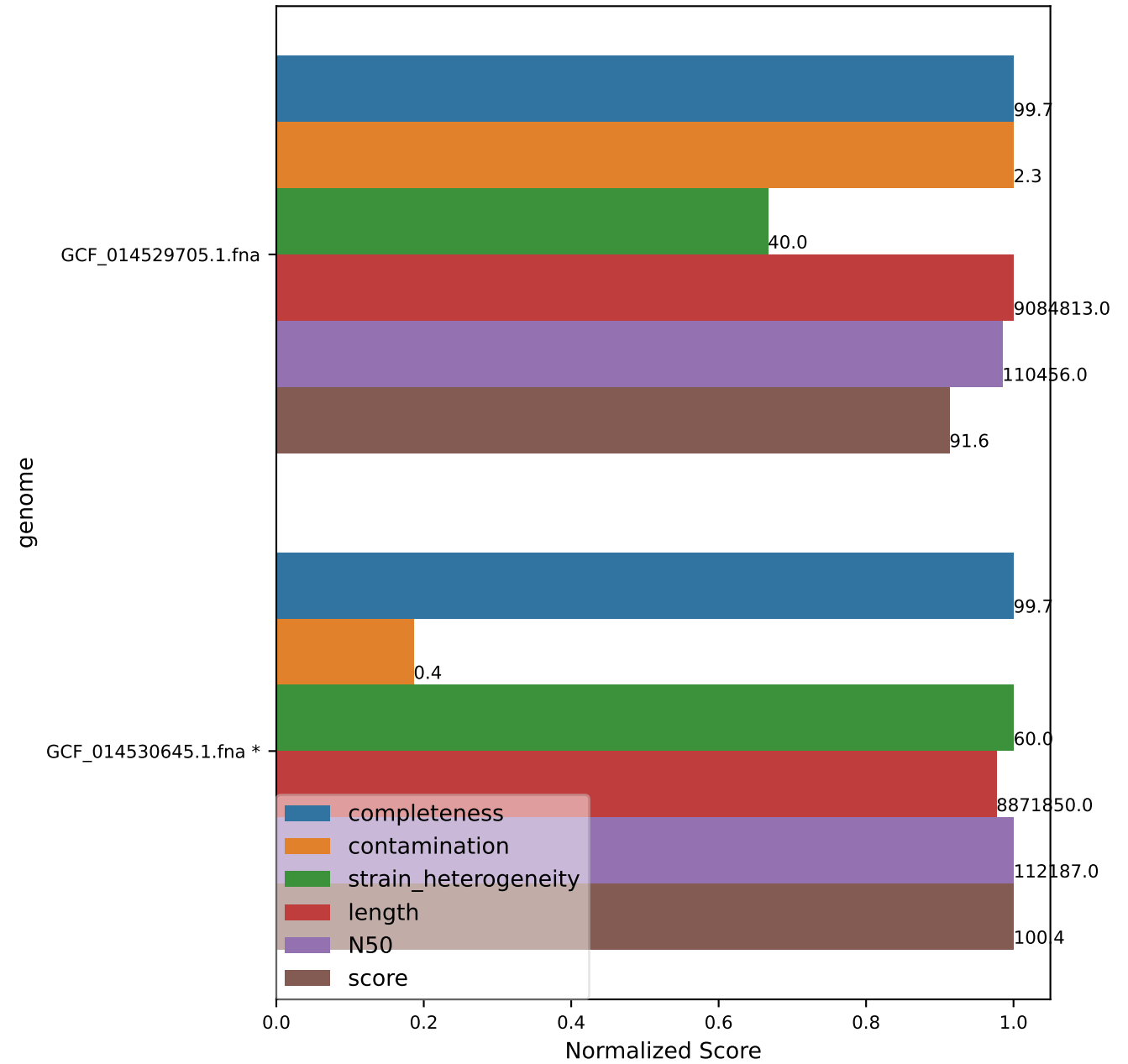




Scoring of cluster 23\_0

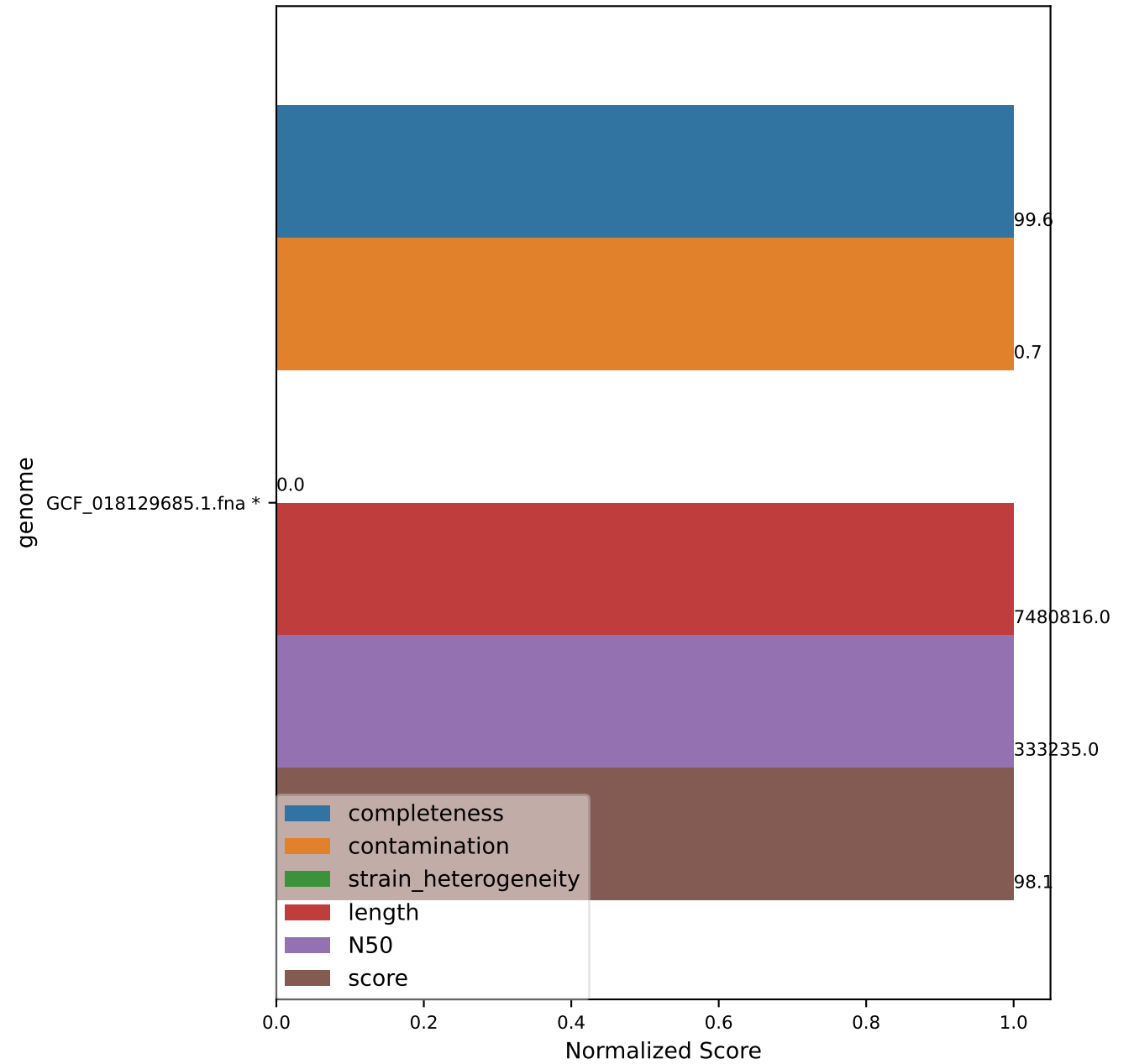


Scoring of cluster 24\_1

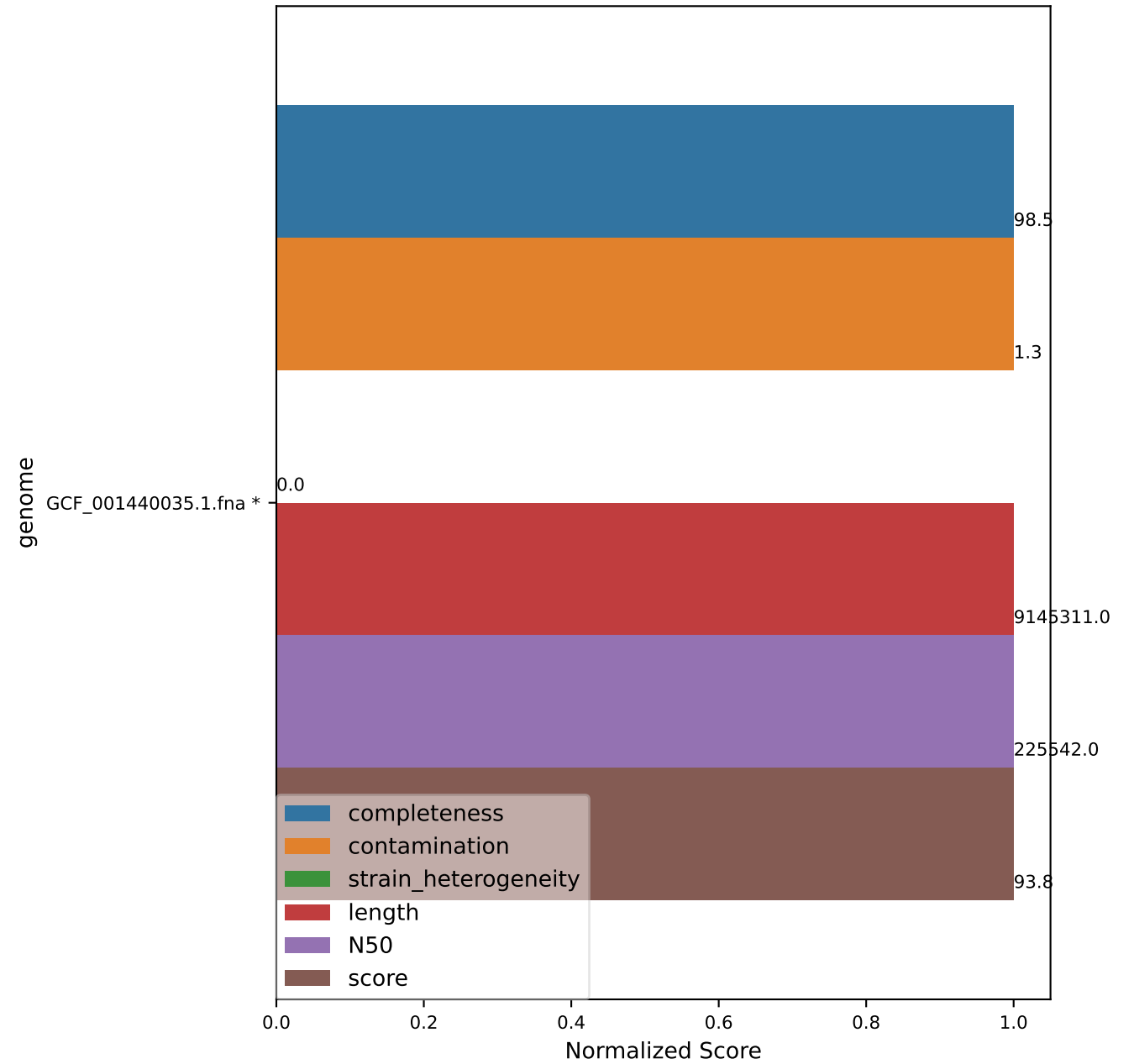


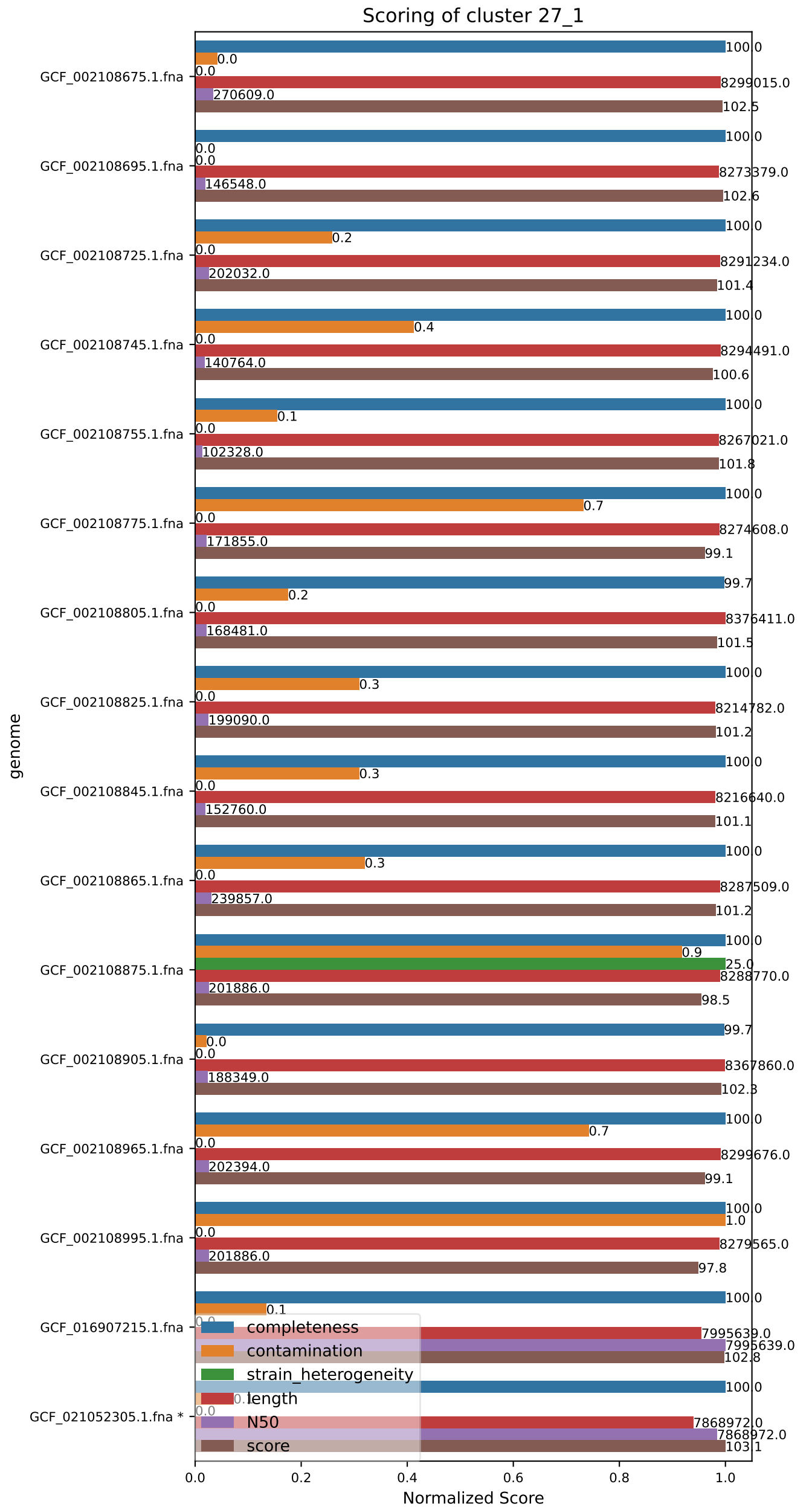


Scoring of cluster 25\_0

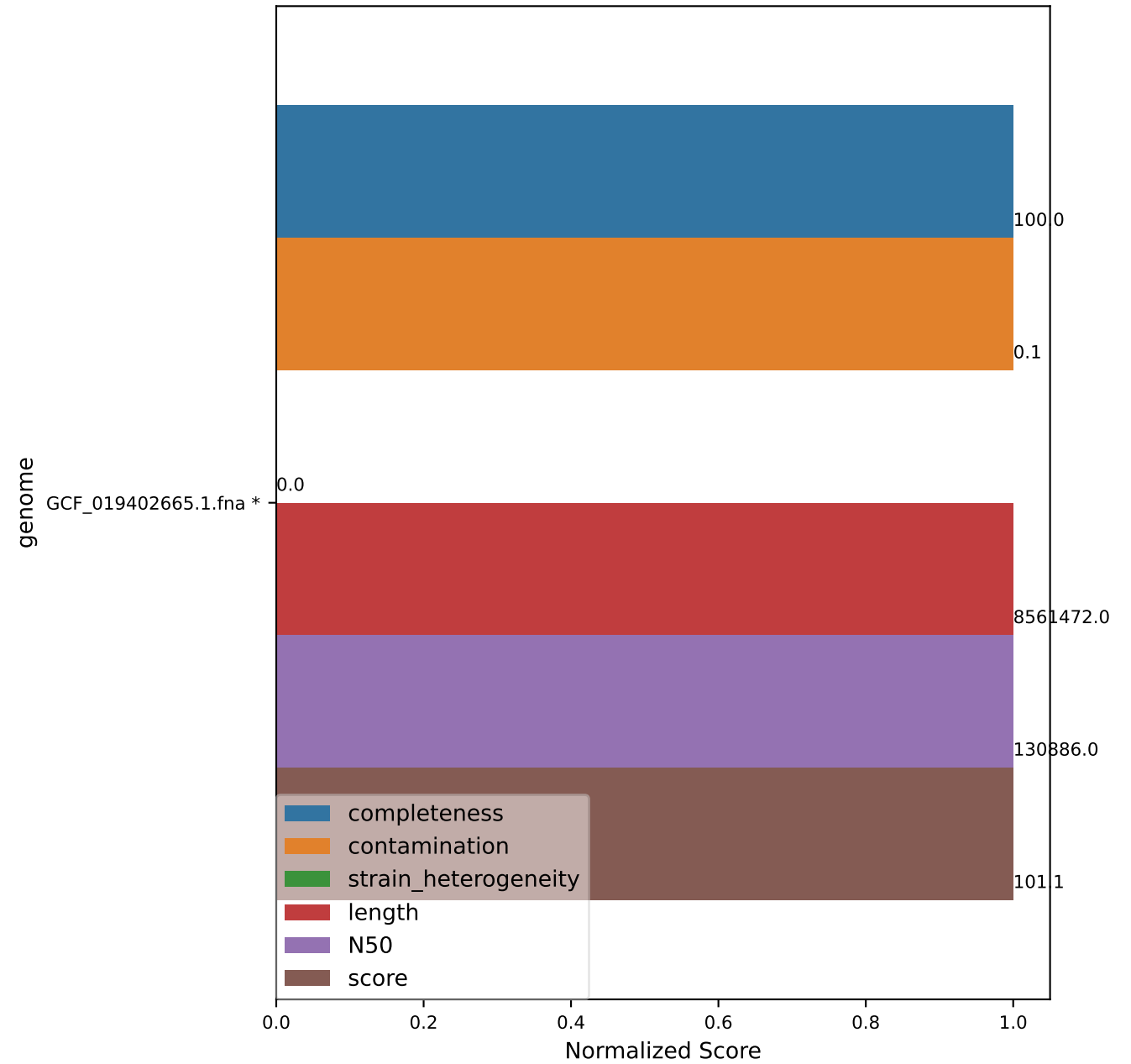


Scoring of cluster 26\_0

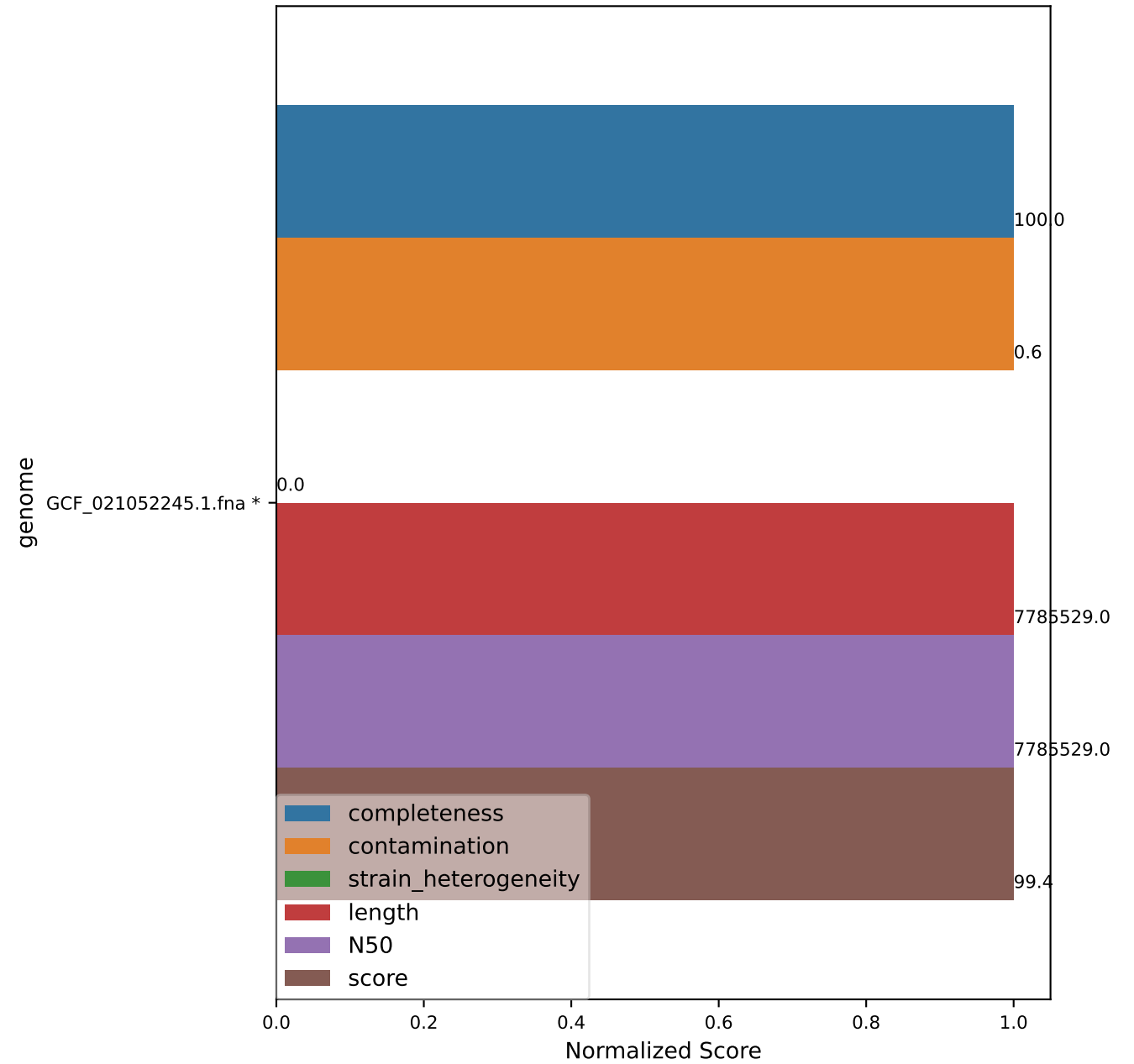




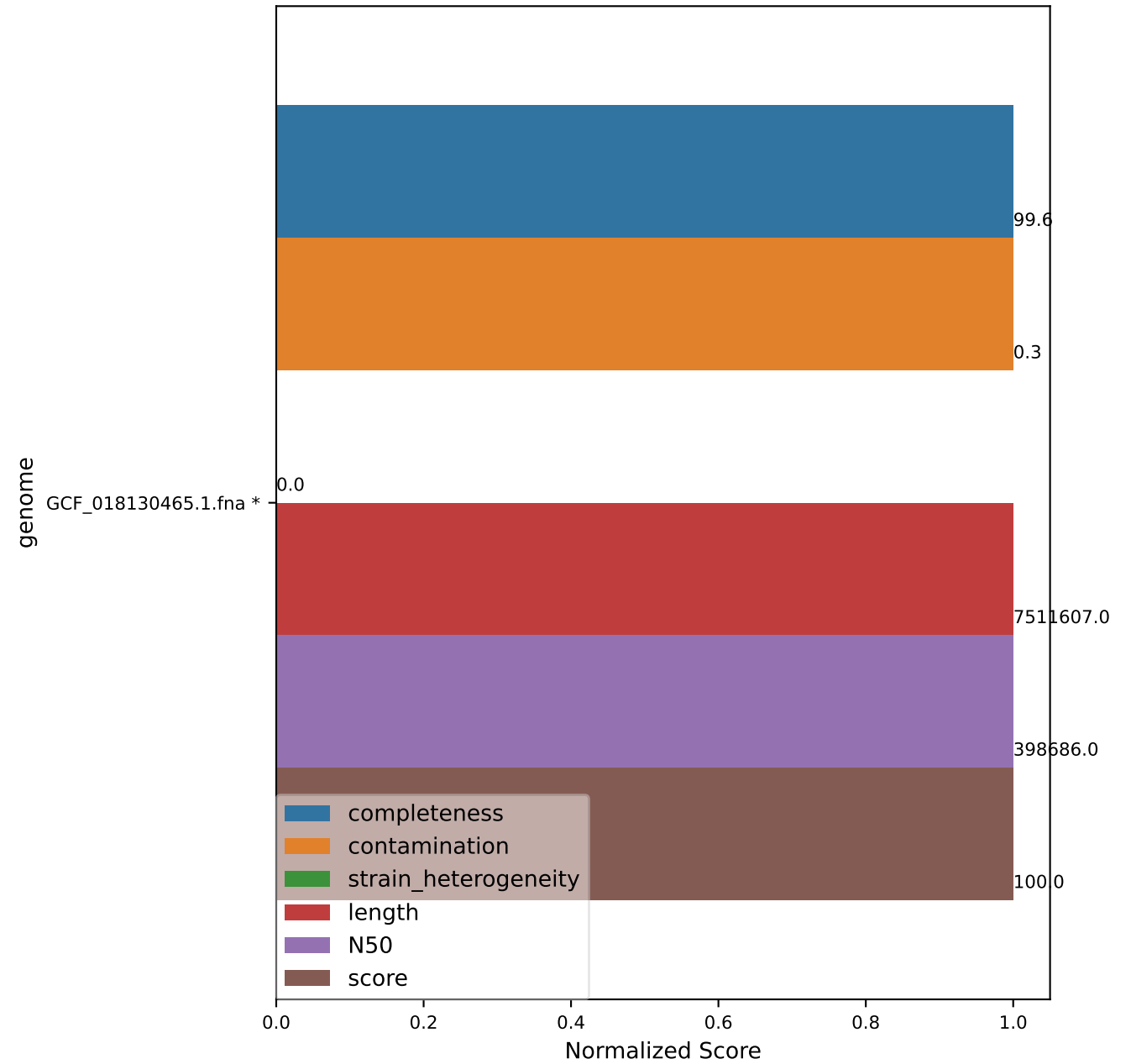
Scoring of cluster 27\_2



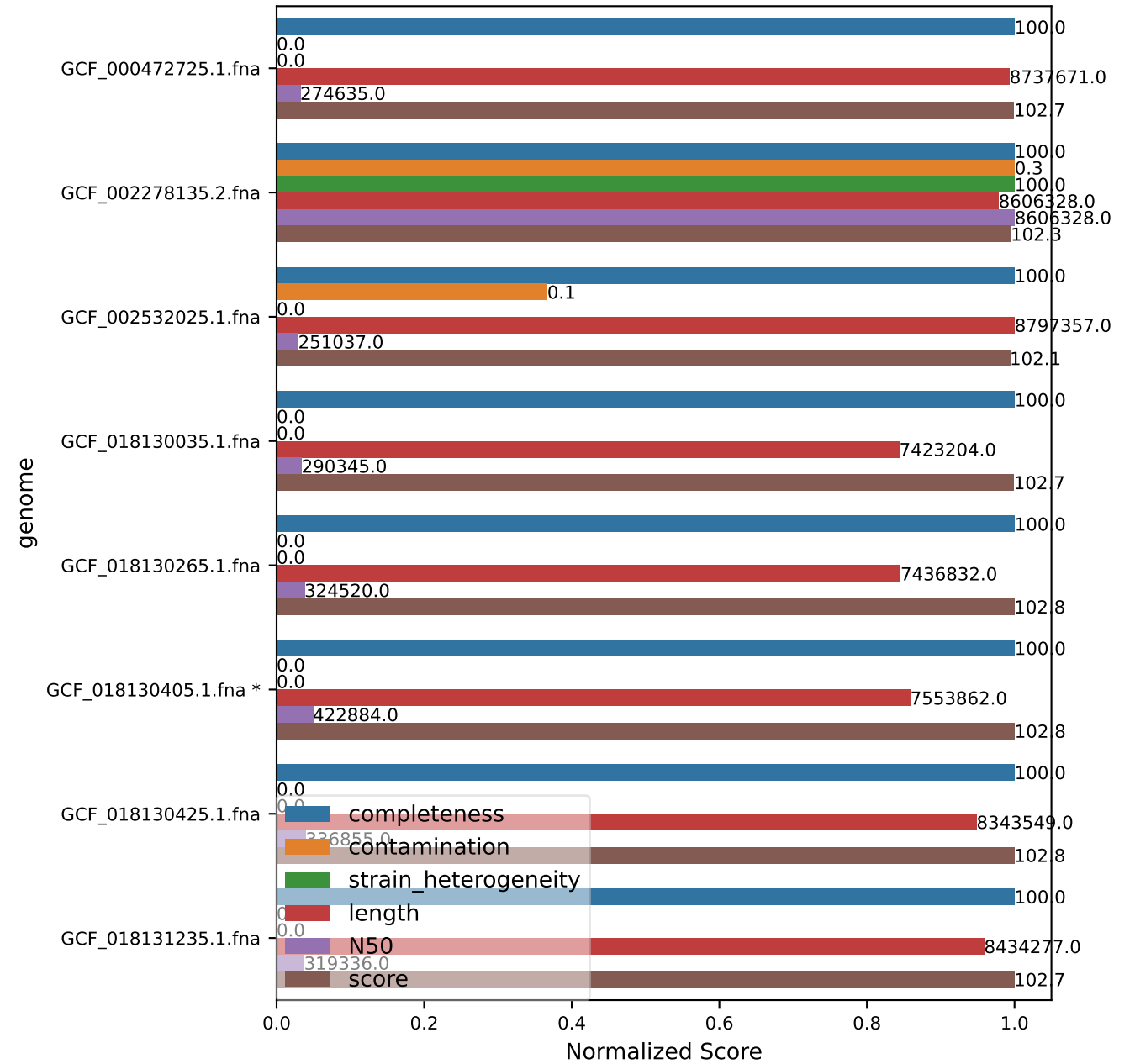
Scoring of cluster 27\_3



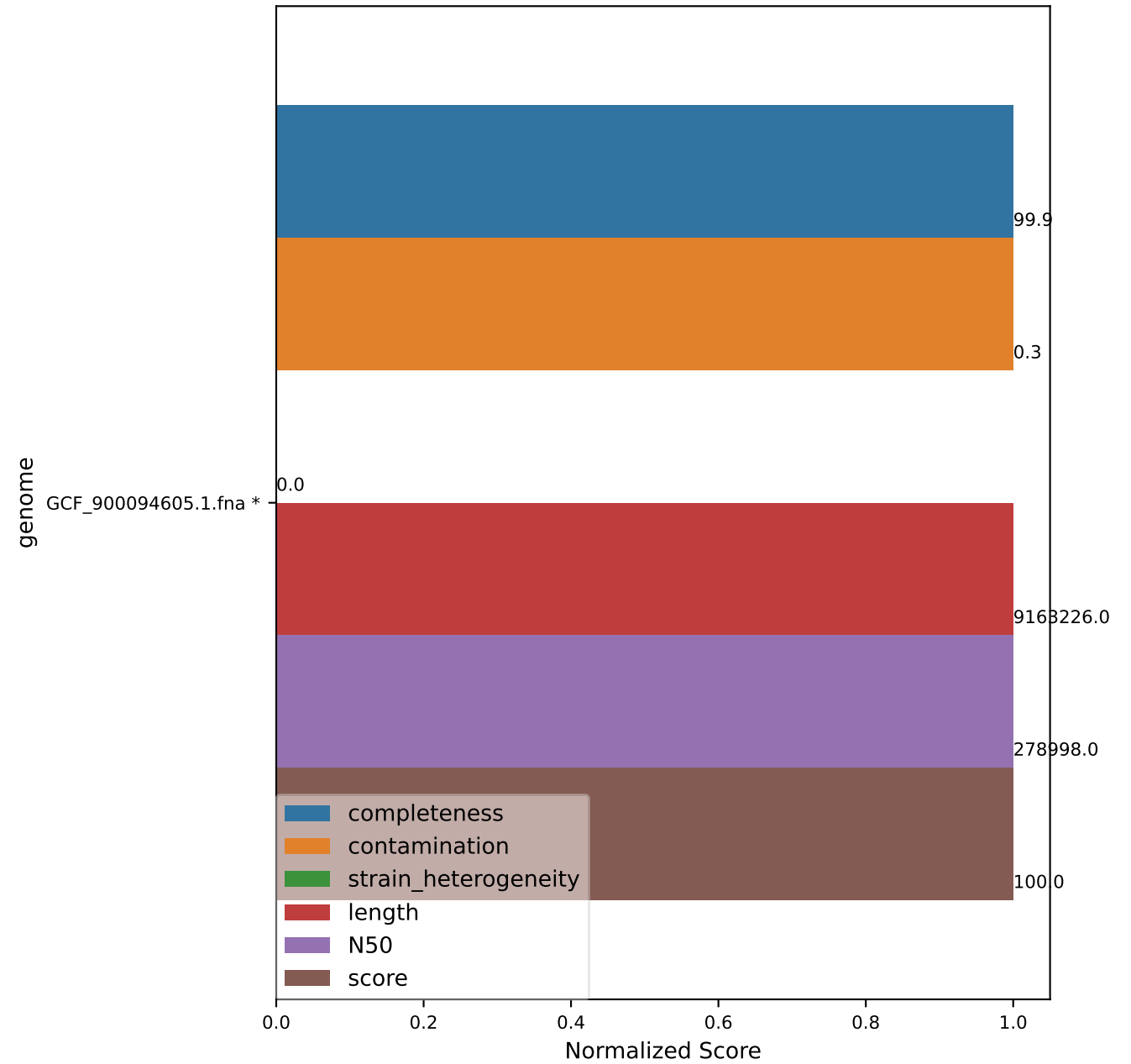
Scoring of cluster 27\_4



# Scoring of cluster 28\_1

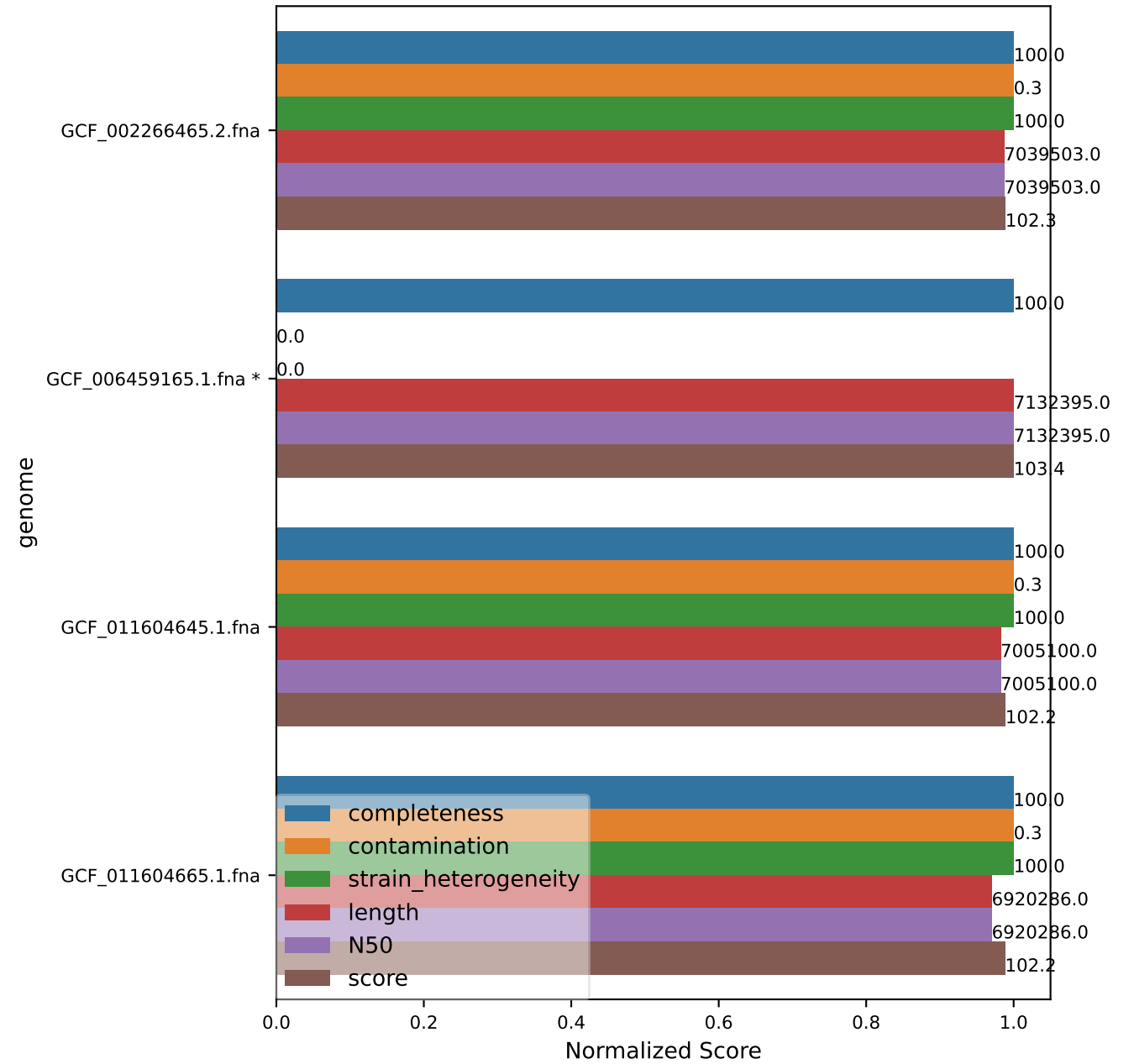


Scoring of cluster 28\_2

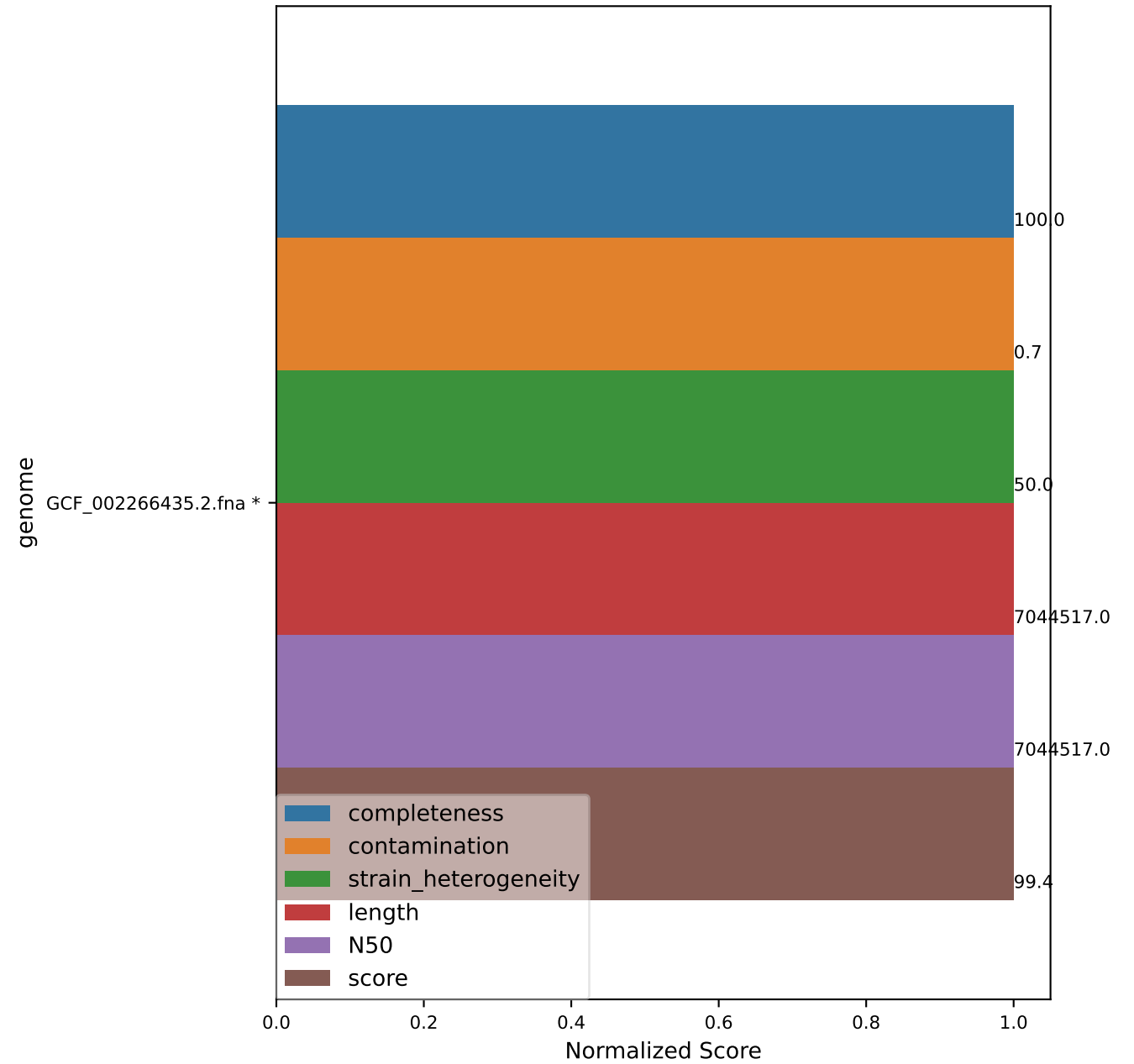




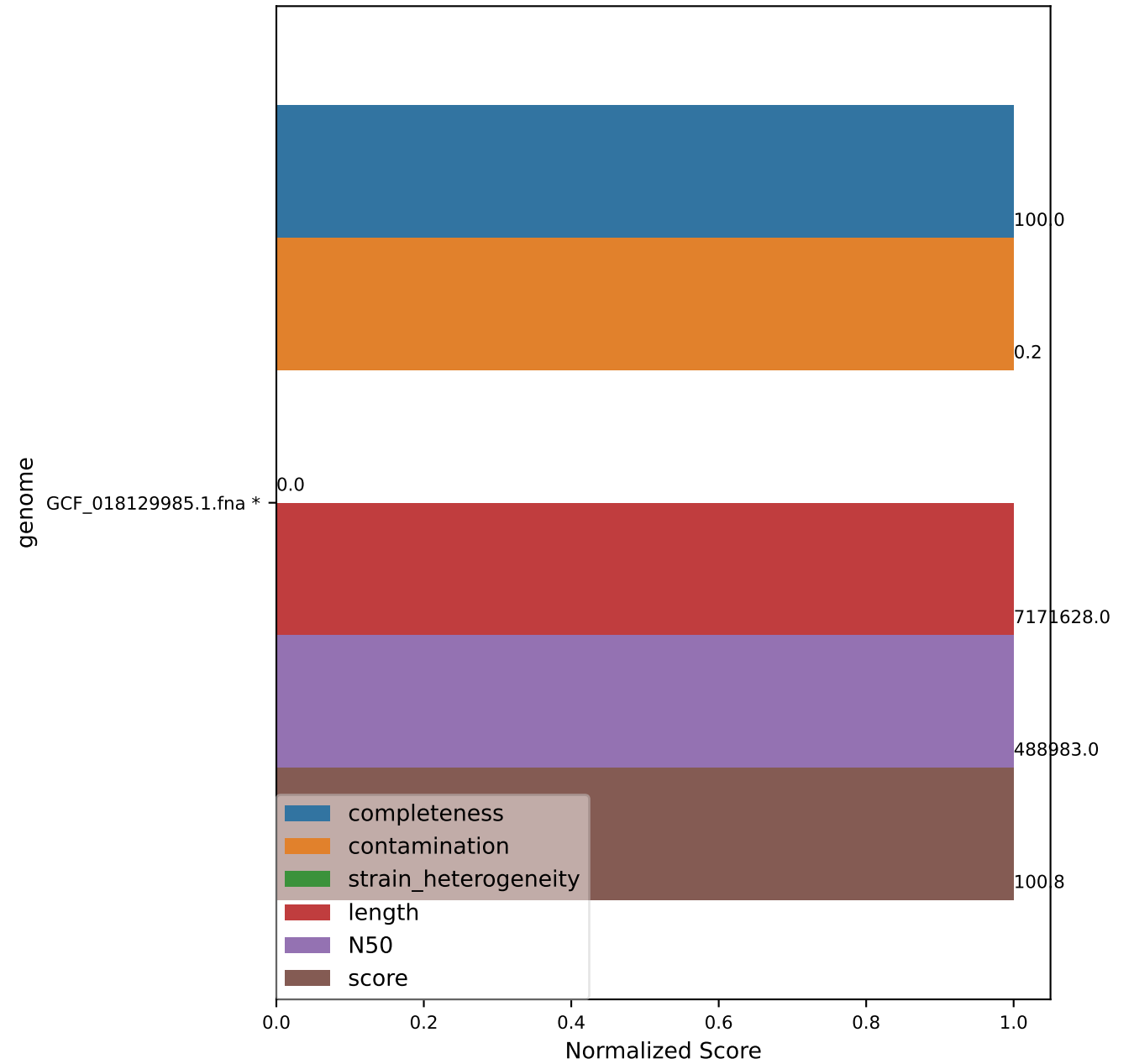
# Scoring of cluster 28\_3



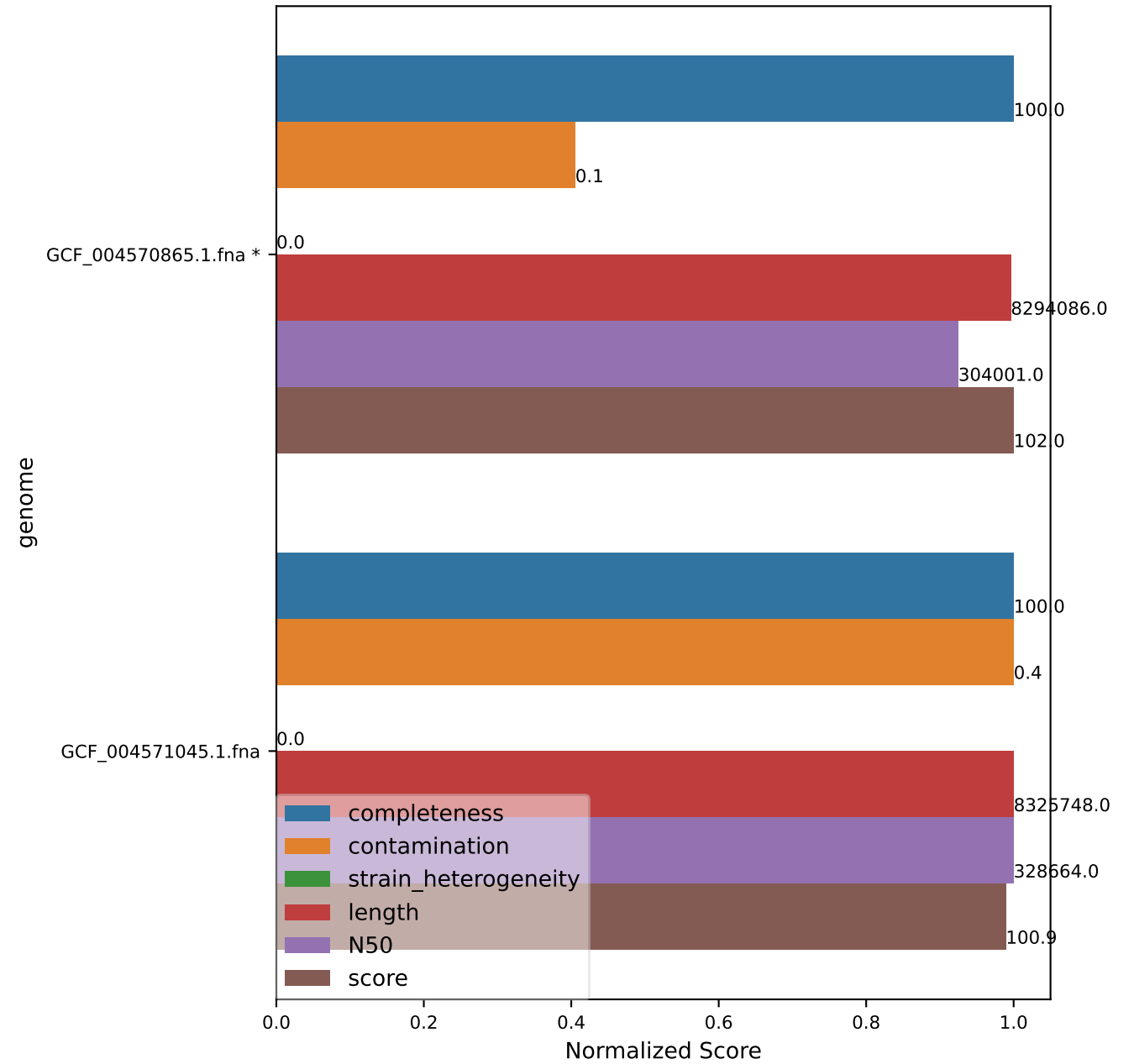
Scoring of cluster 28\_4



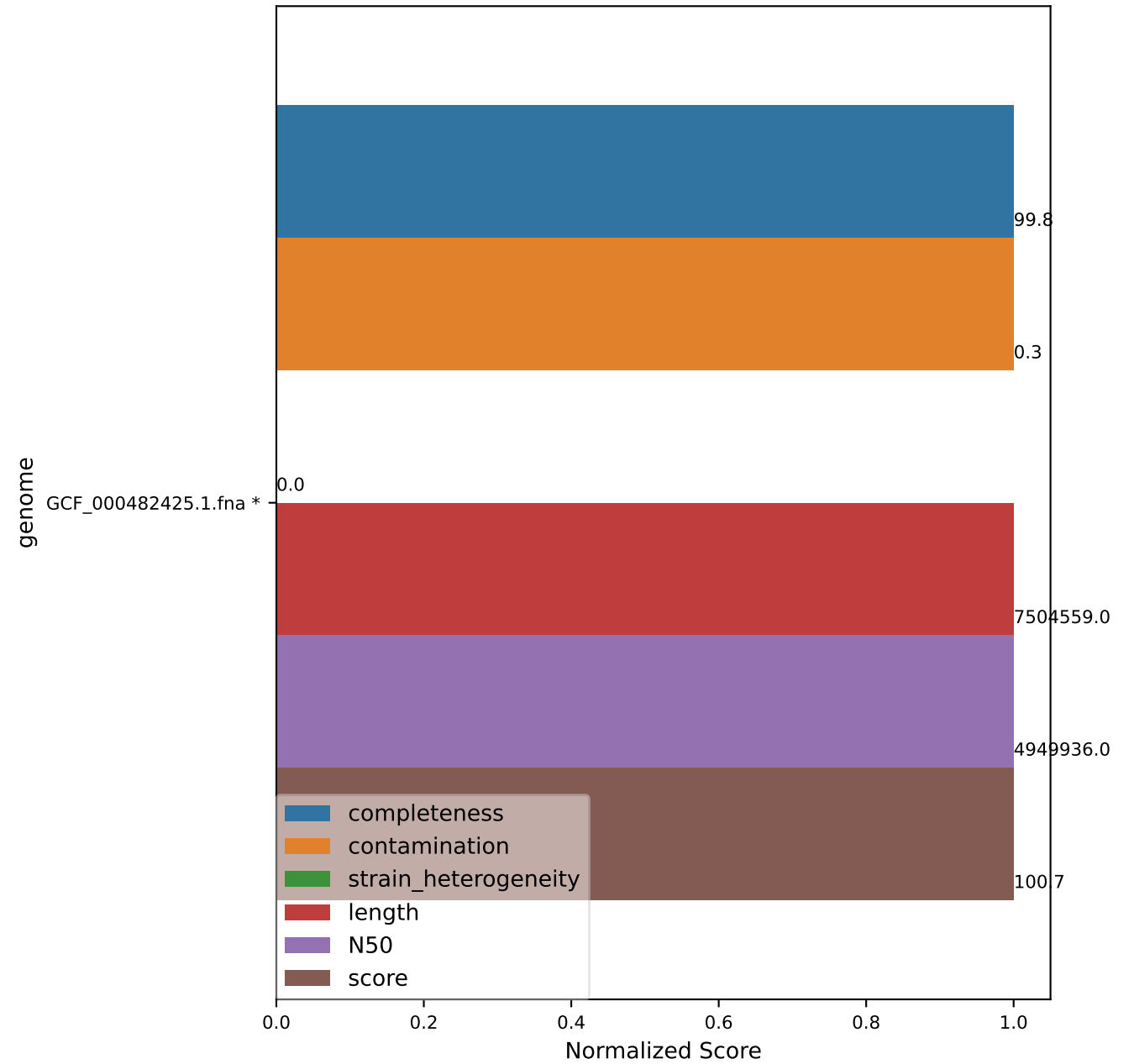
Scoring of cluster 28\_5



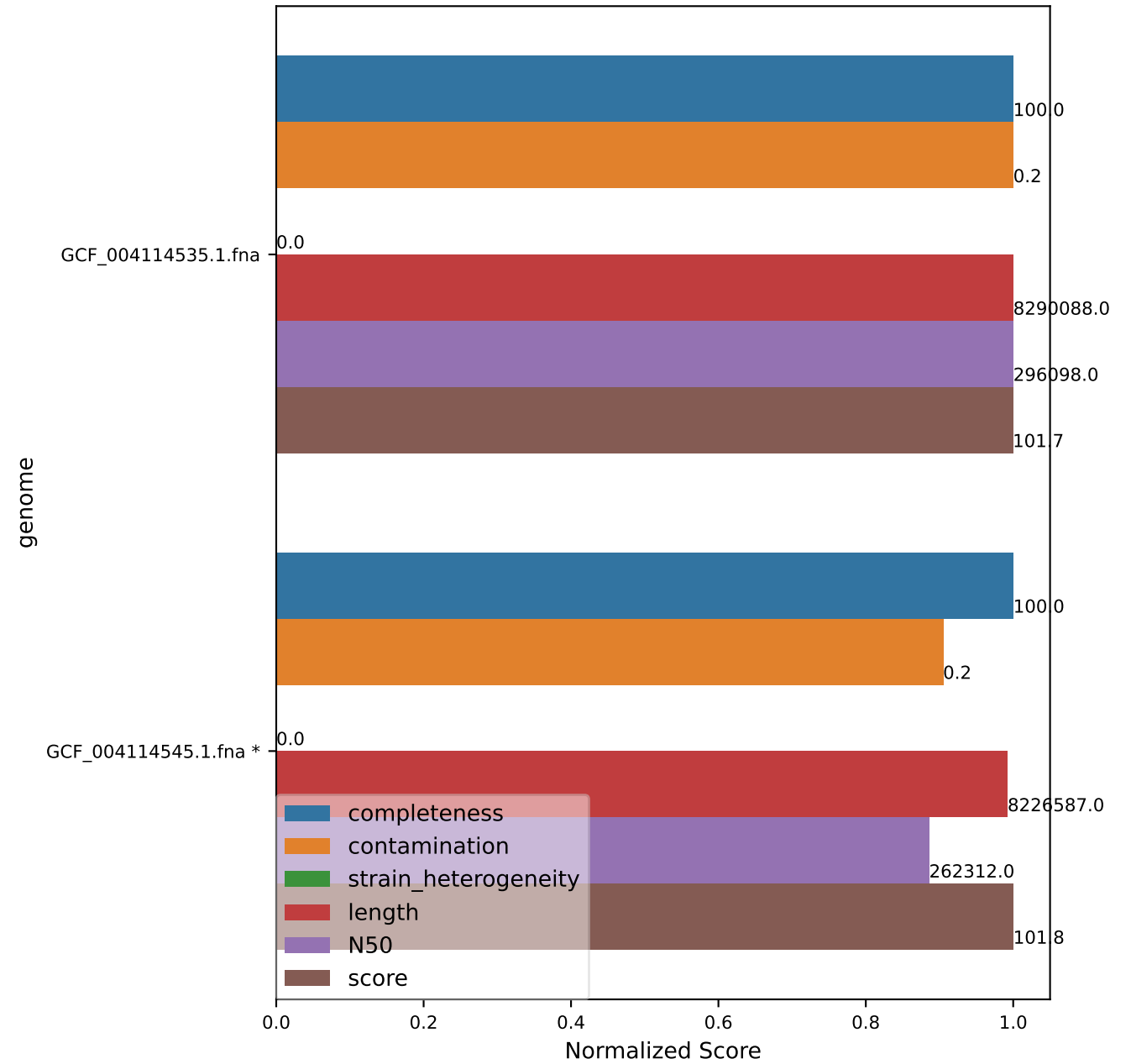
Scoring of cluster 28\_6



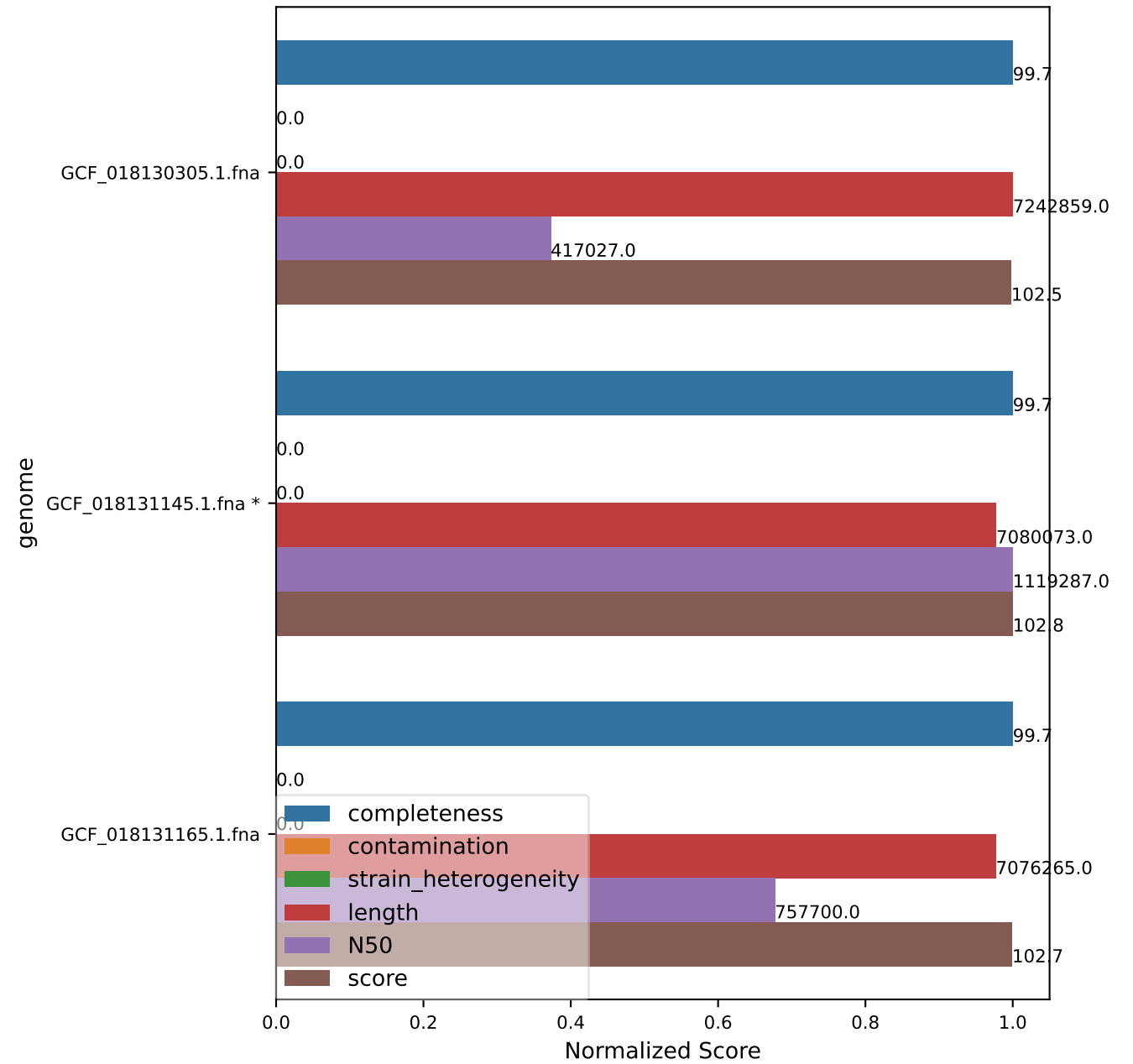
Scoring of cluster 28\_7



# Scoring of cluster 28\_8



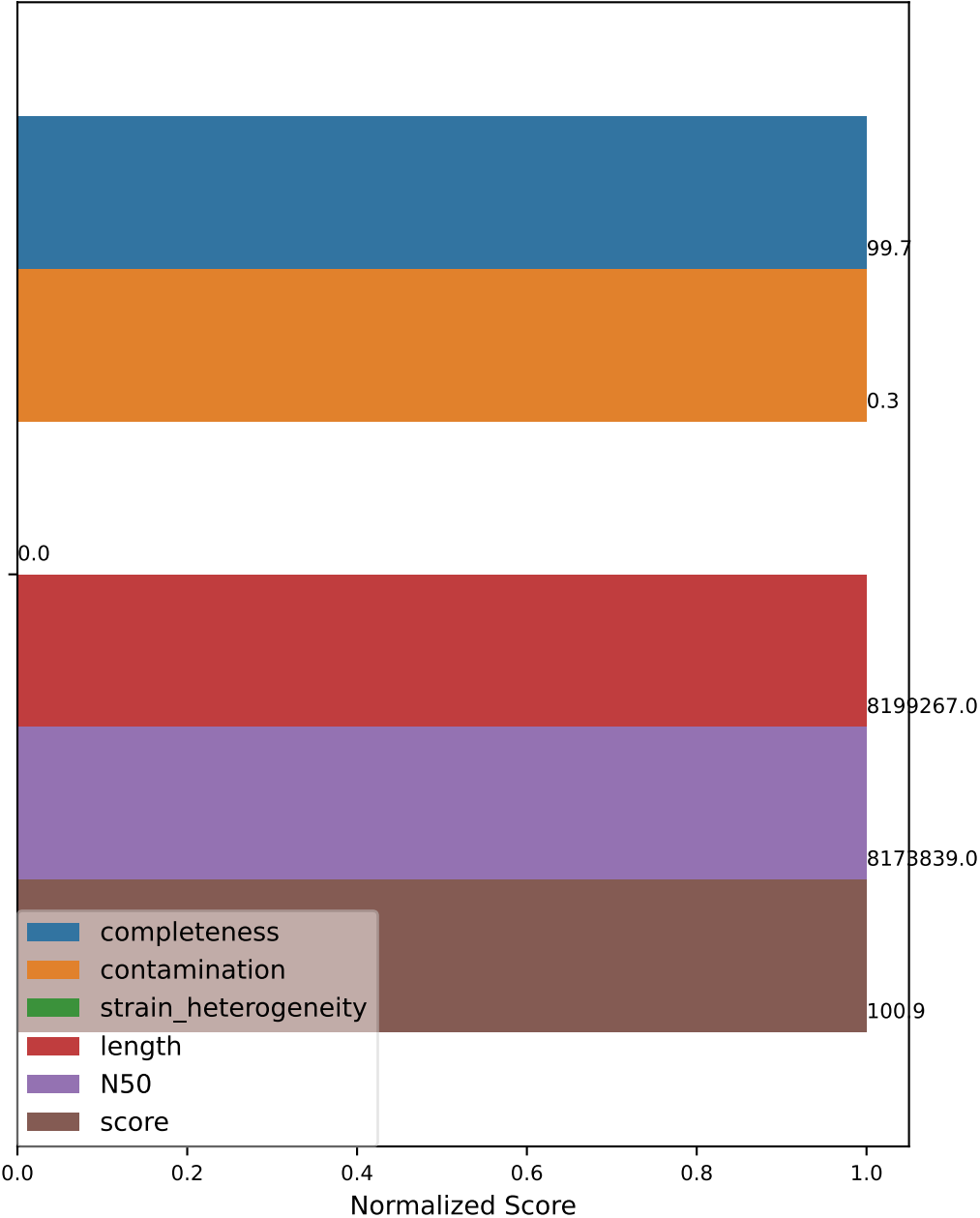
# Scoring of cluster 28\_9



Scoring of cluster 28\_10

genome

GCF\_002776695.1.fna \*

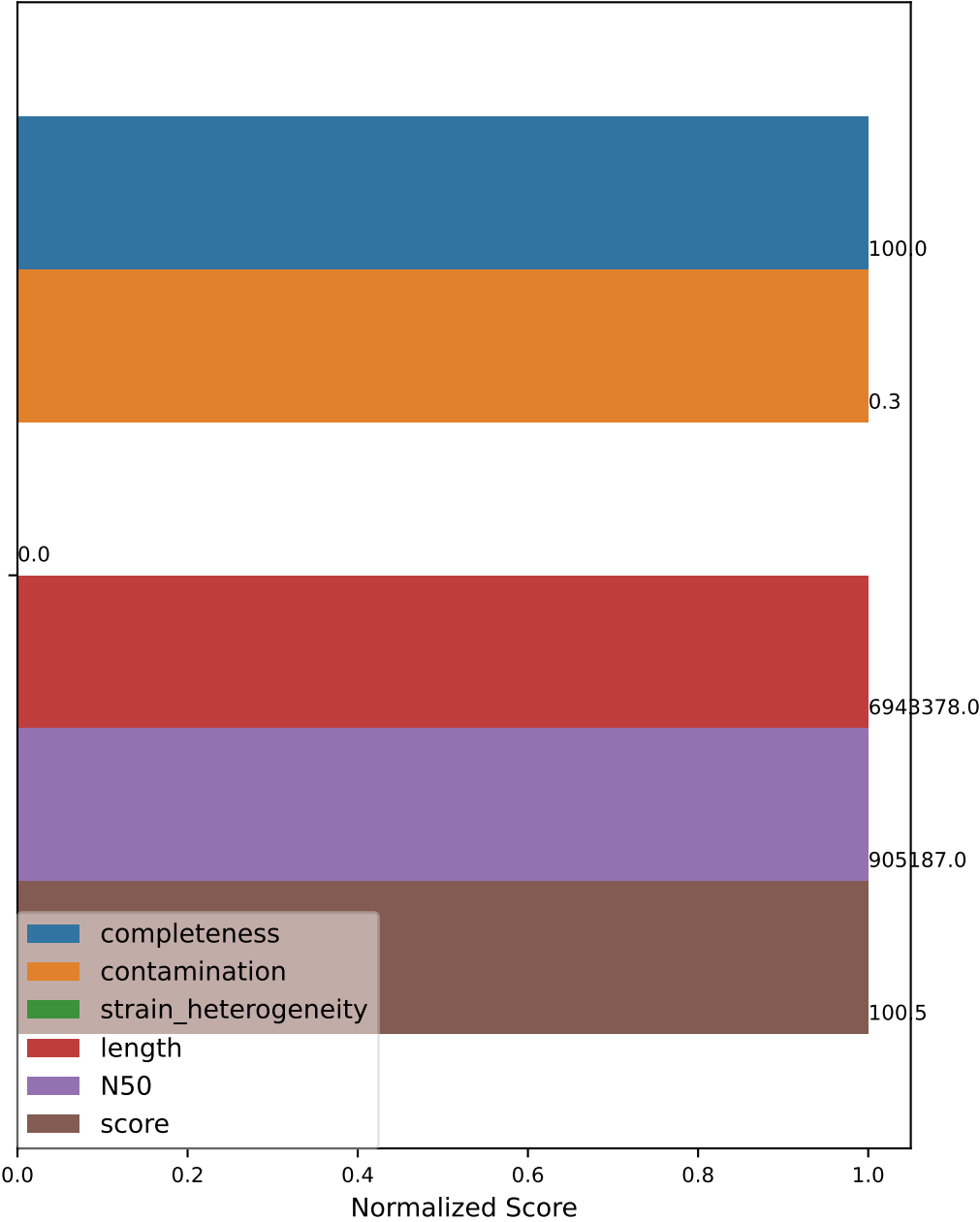




Scoring of cluster 28\_11

genome

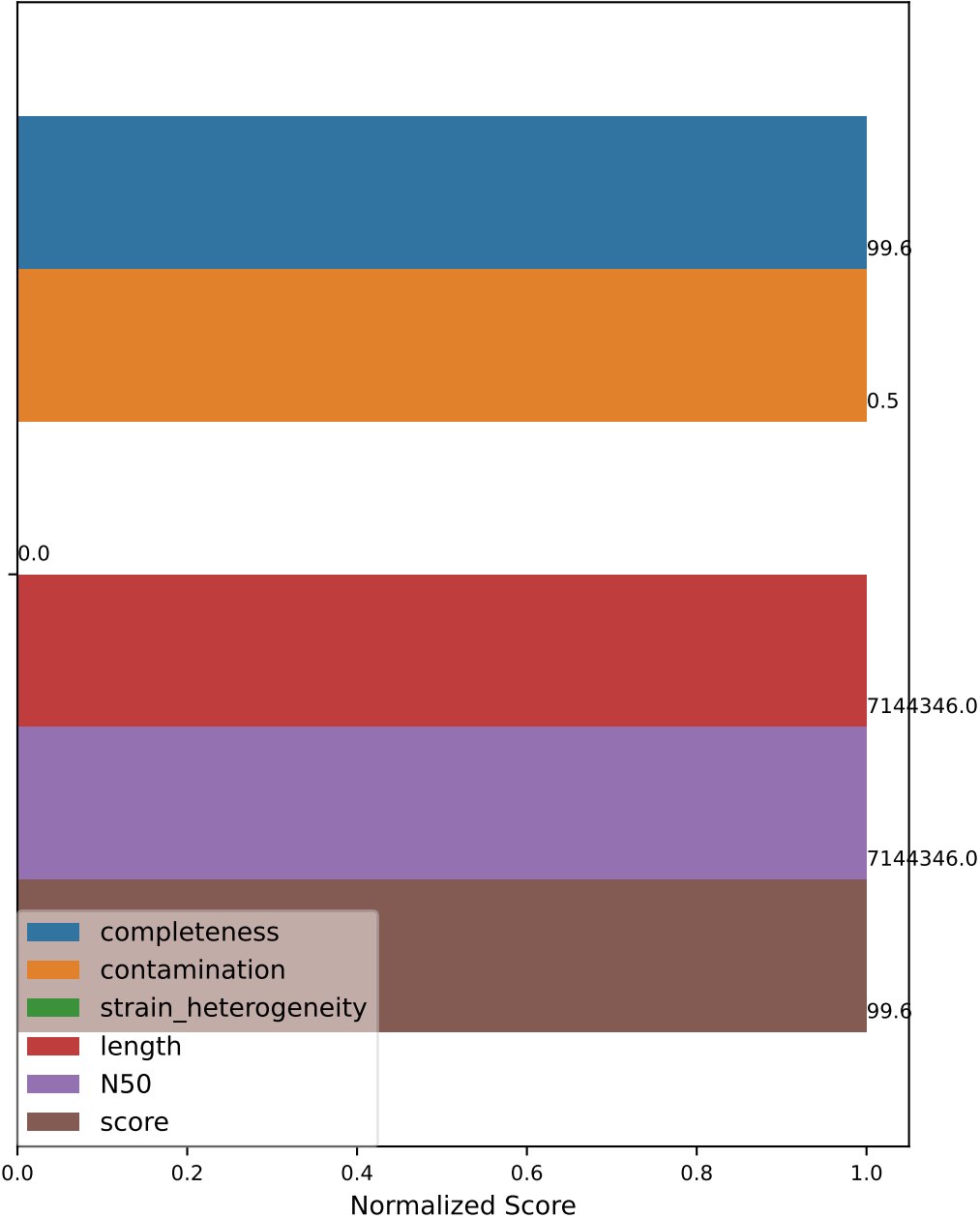
GCF\_018131185.1.fna \*



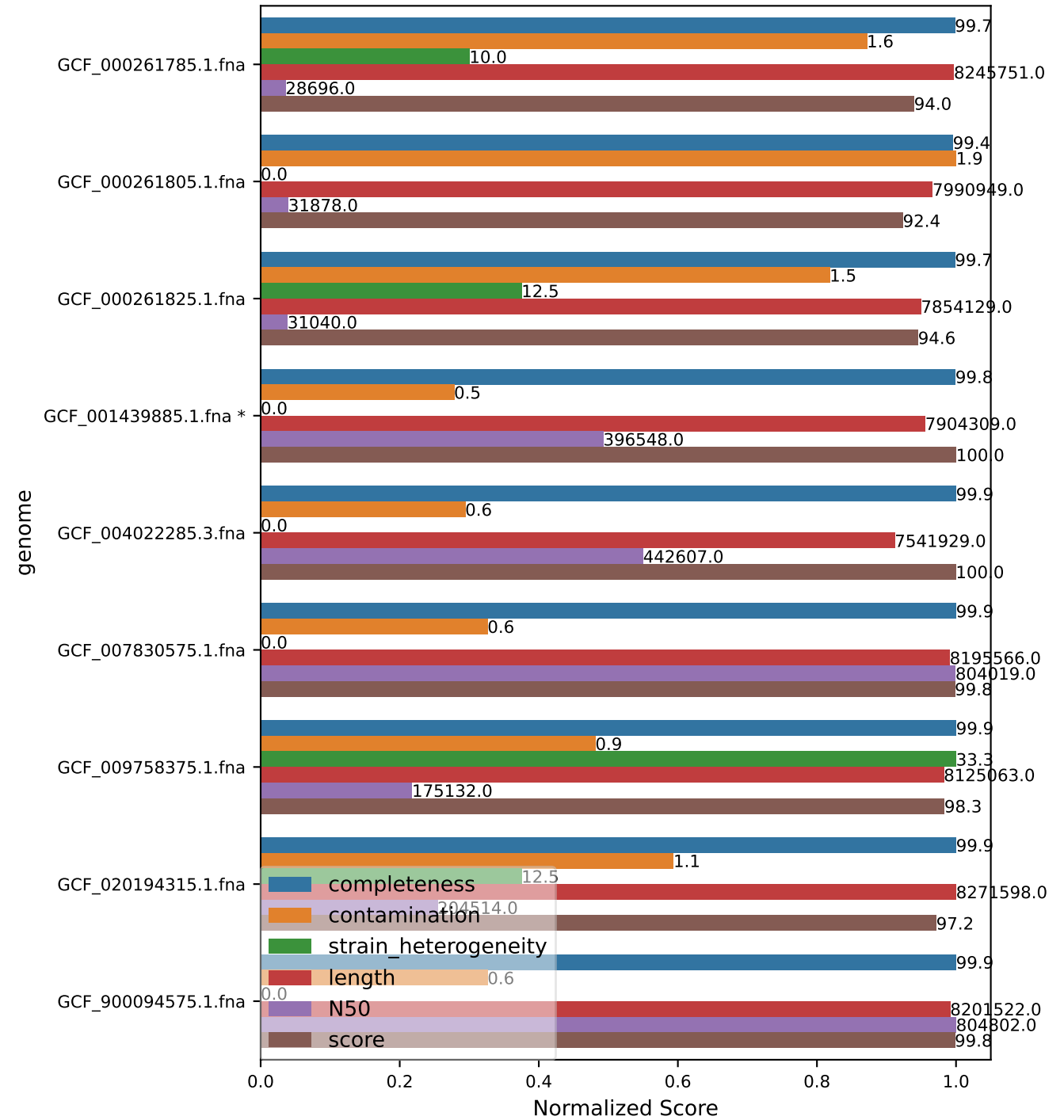
Scoring of cluster 28\_12

genome

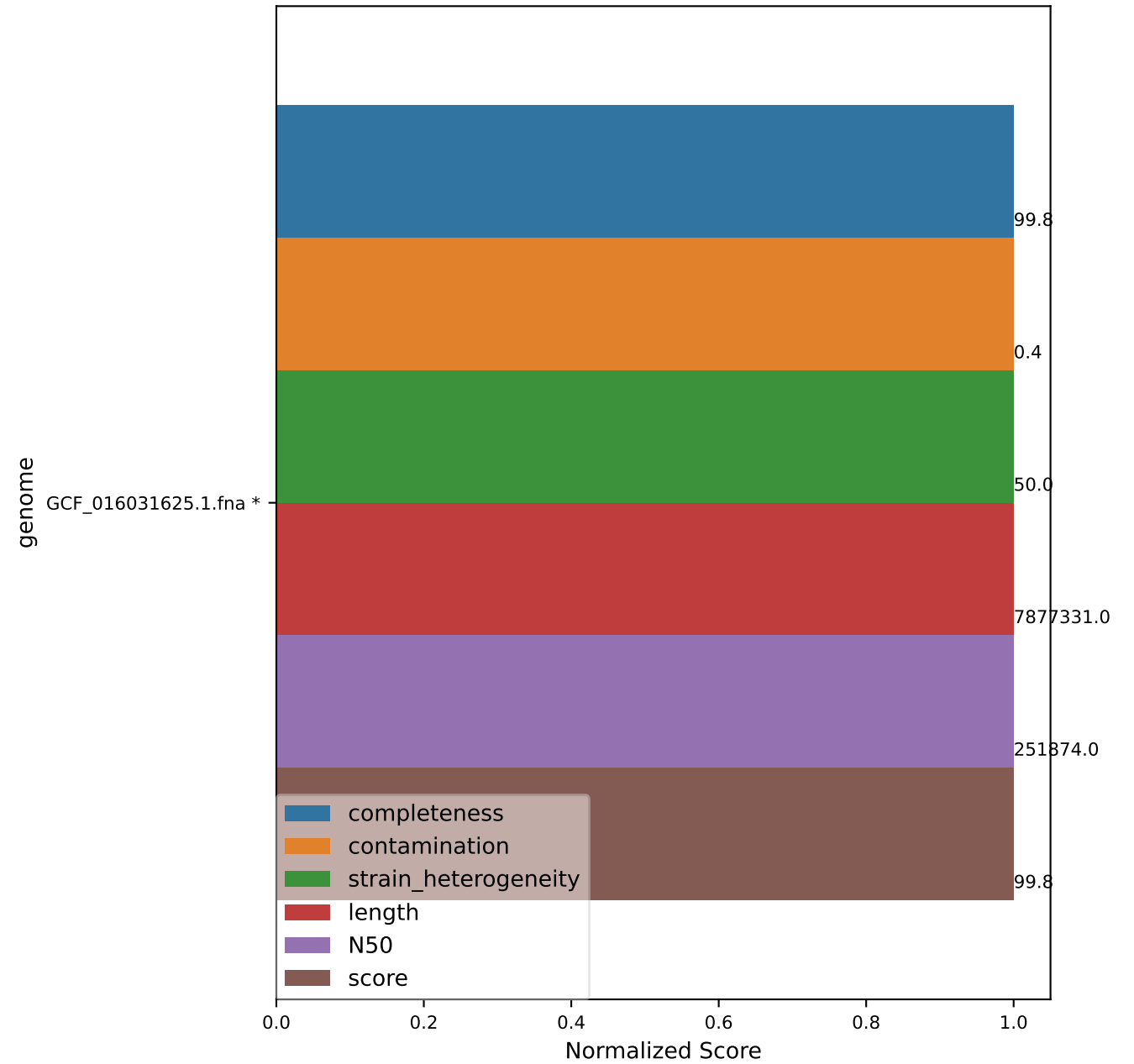
GCF\_016616425.1.fna \*



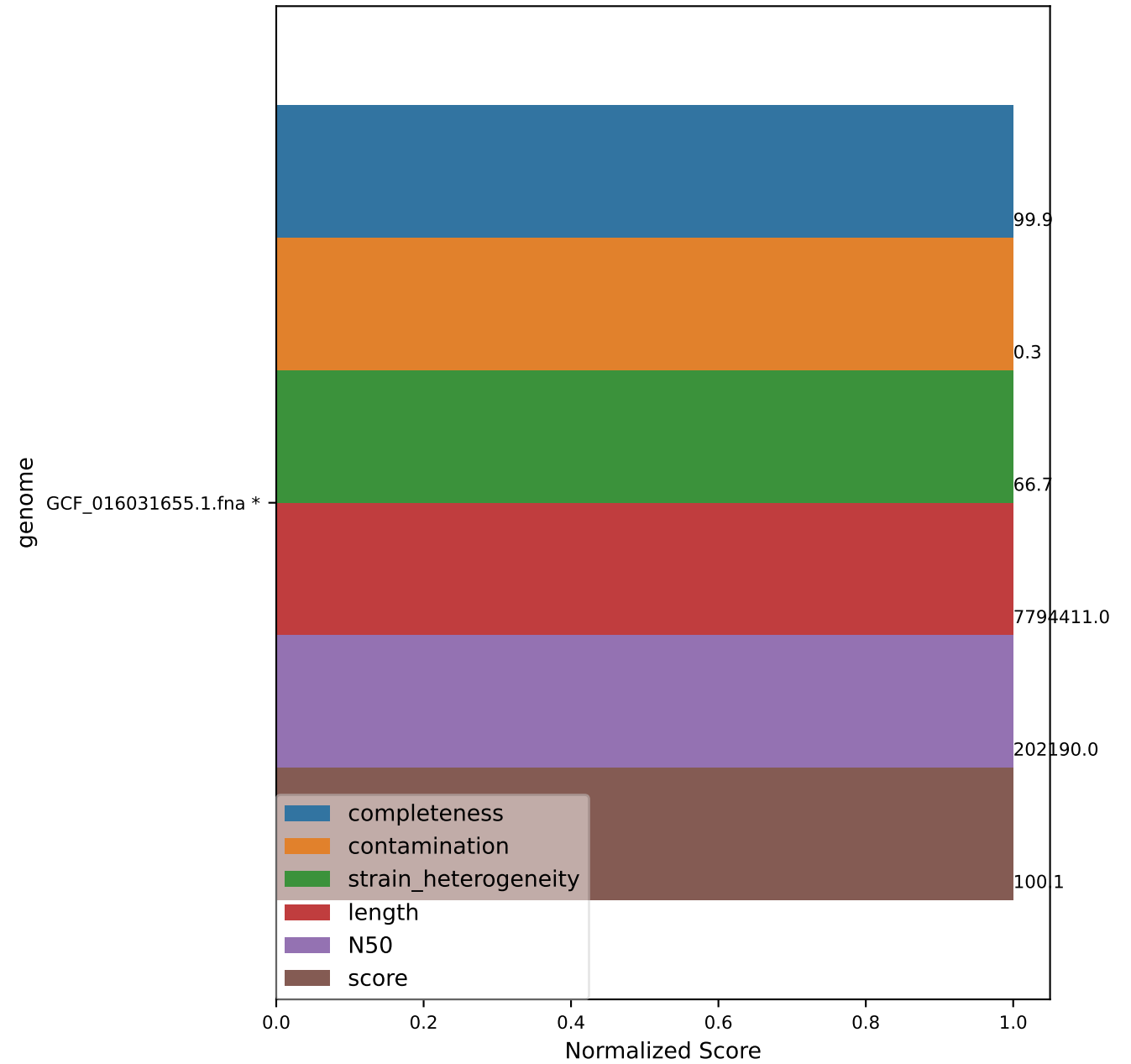
# Scoring of cluster 29\_1



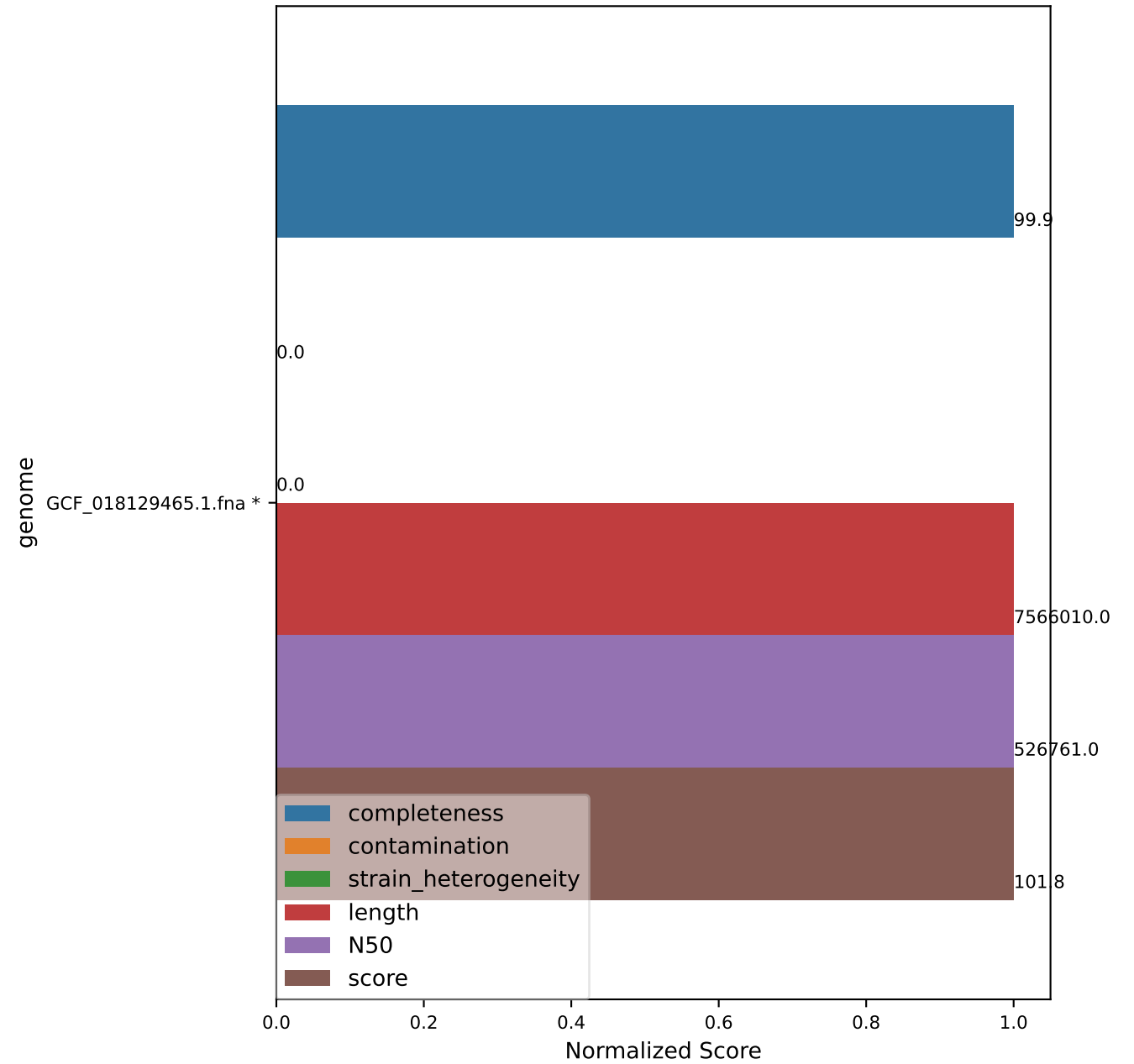
Scoring of cluster 29\_2



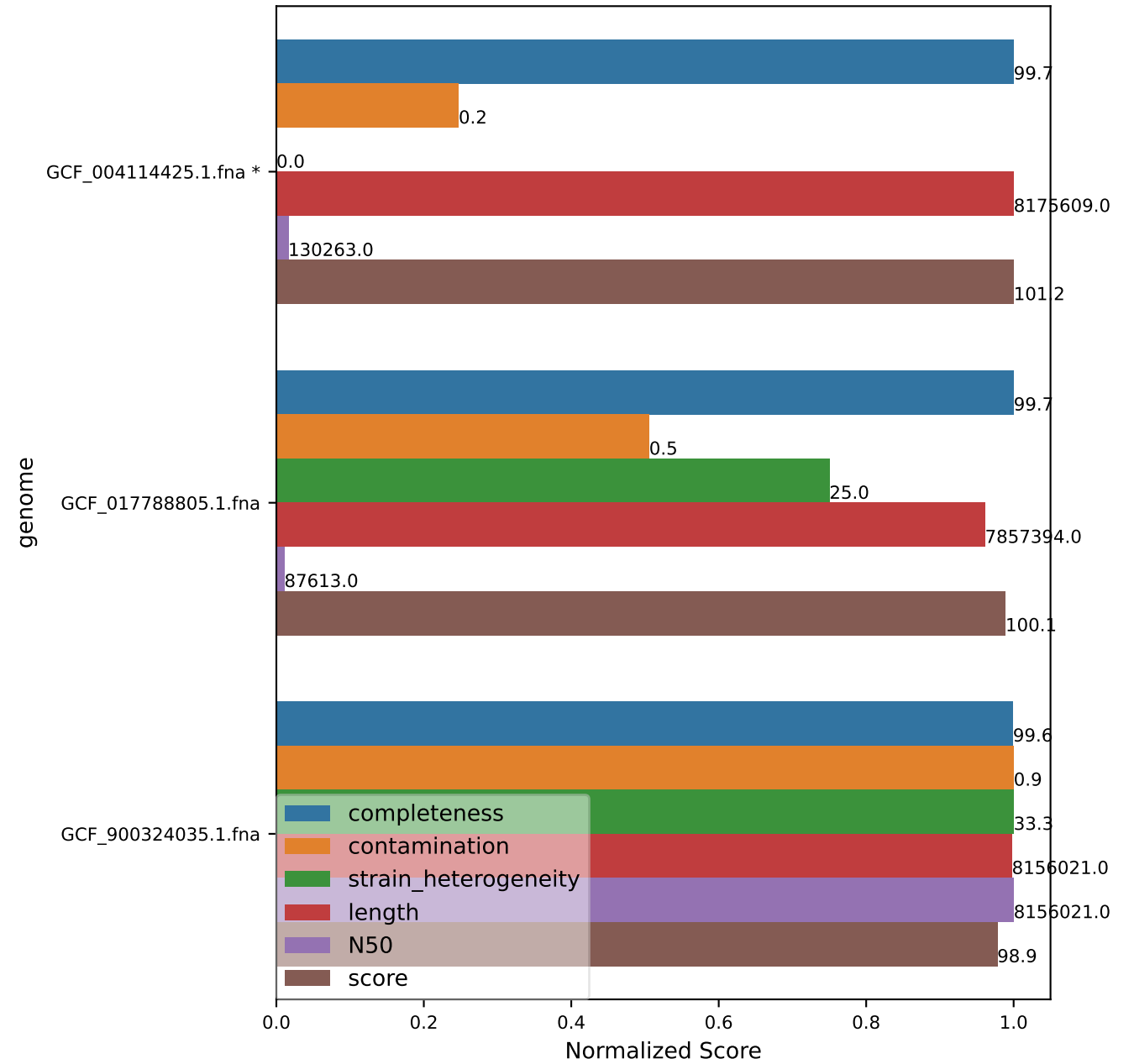
Scoring of cluster 29\_3



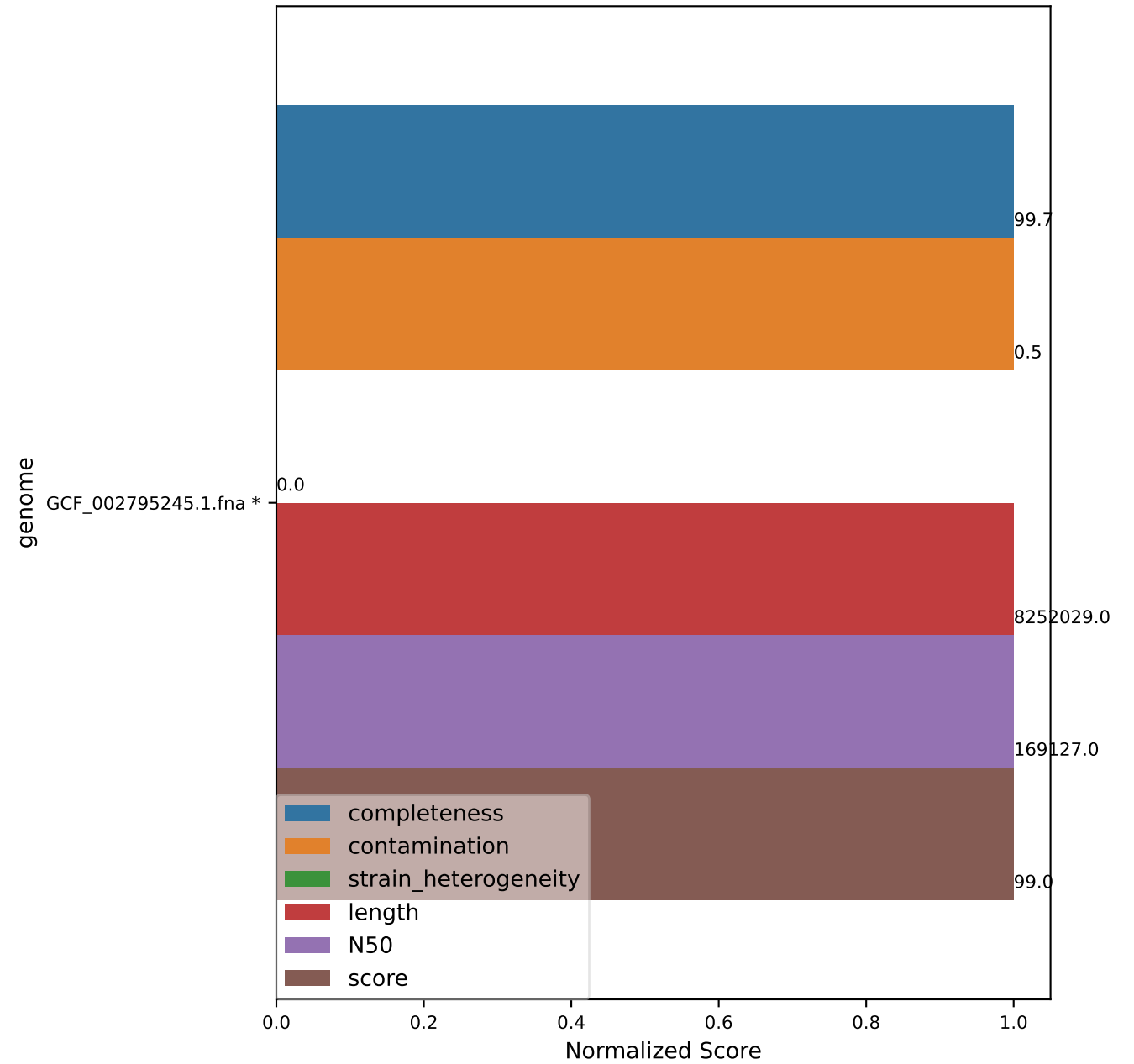
Scoring of cluster 29\_4



# Scoring of cluster 29\_5

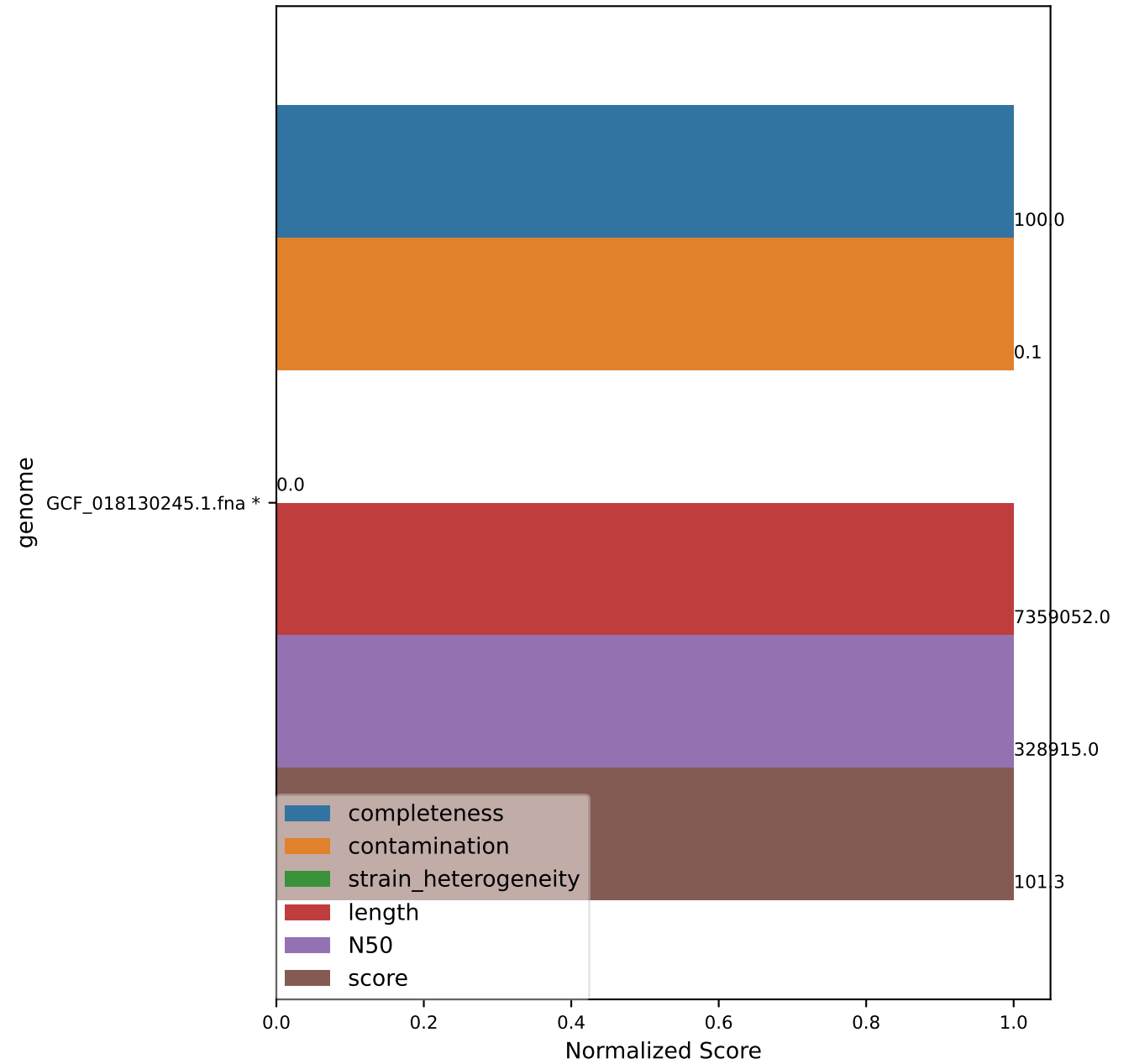


Scoring of cluster 29\_6

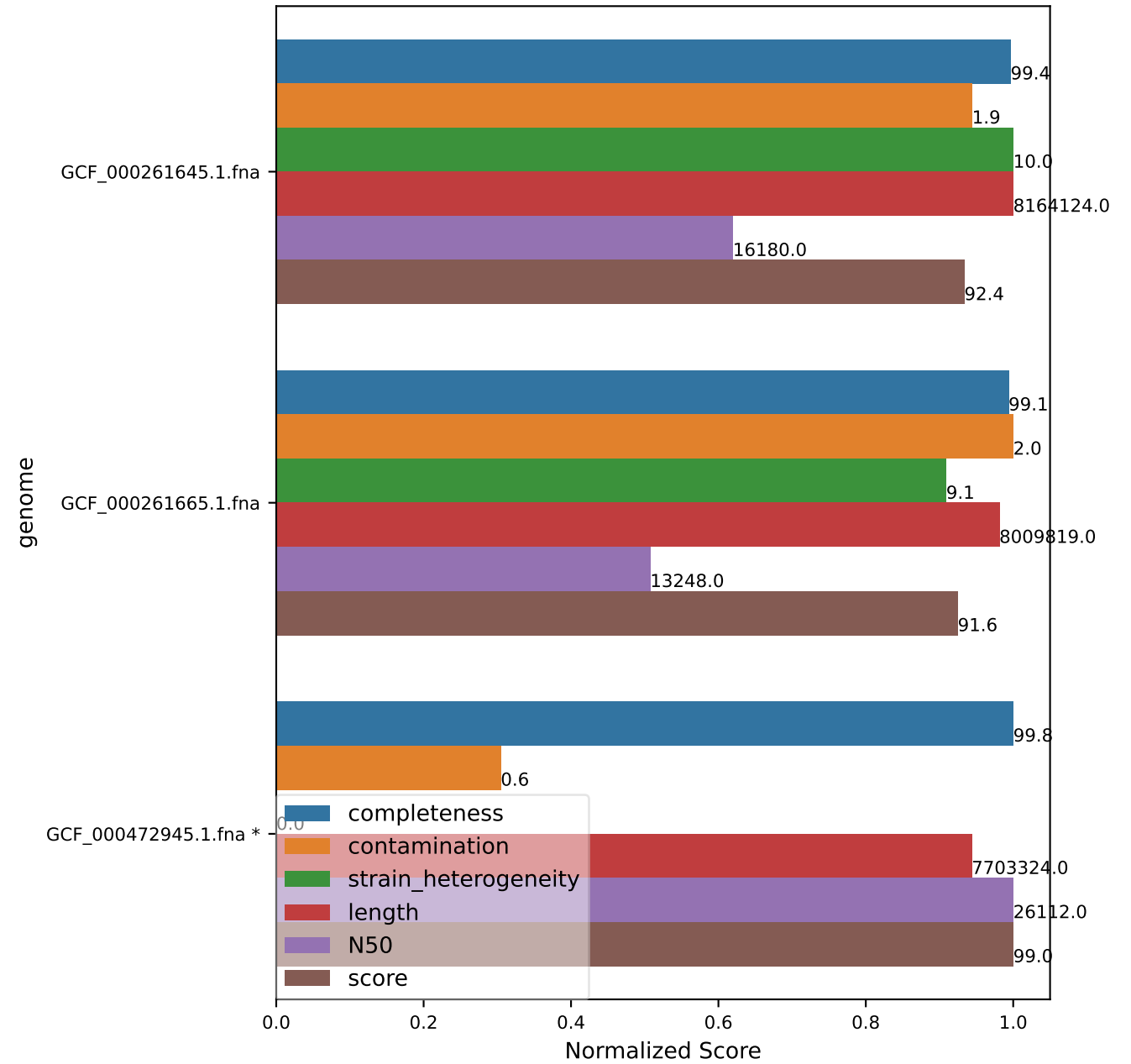




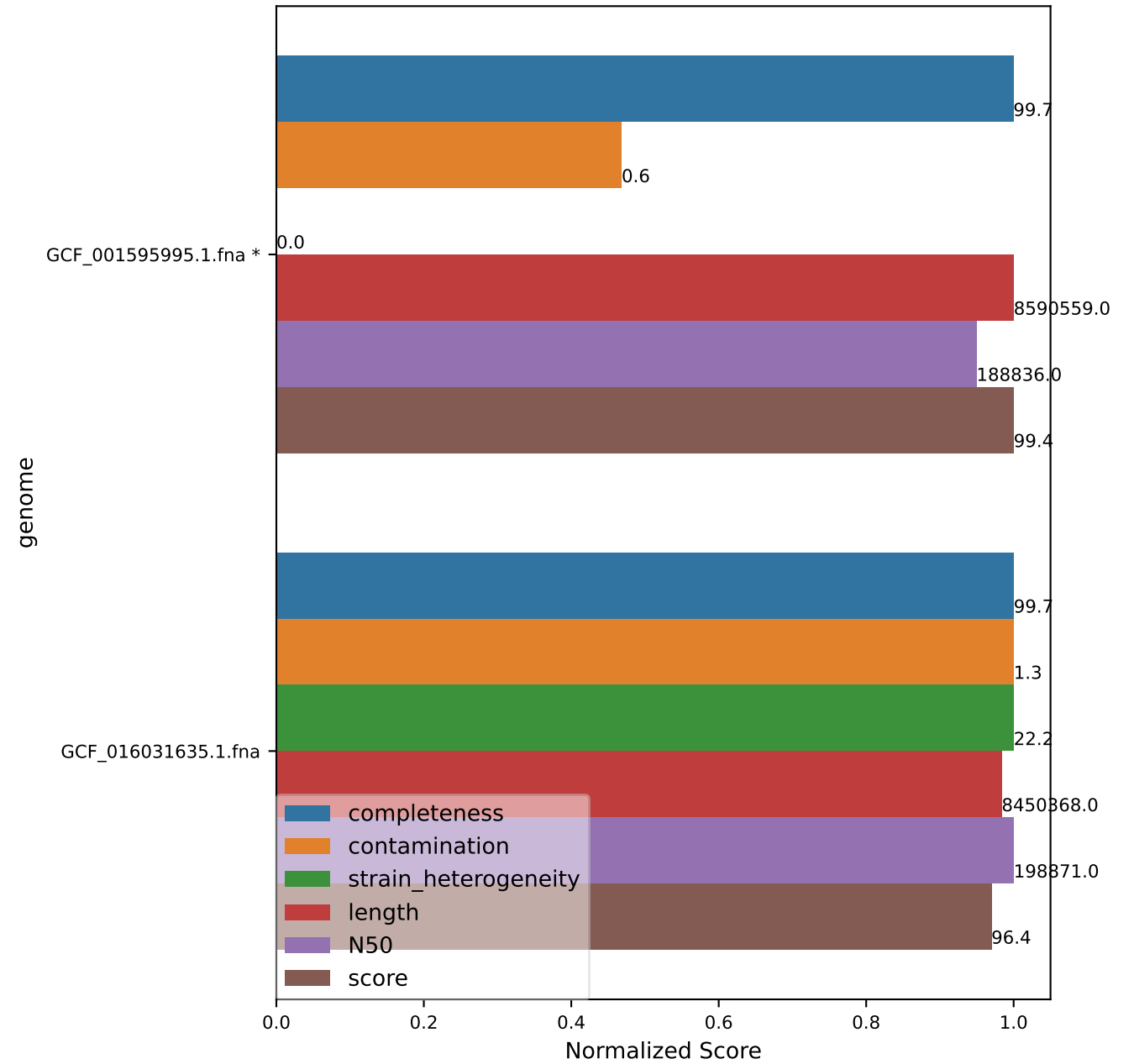
Scoring of cluster 29\_7



# Scoring of cluster 29\_8



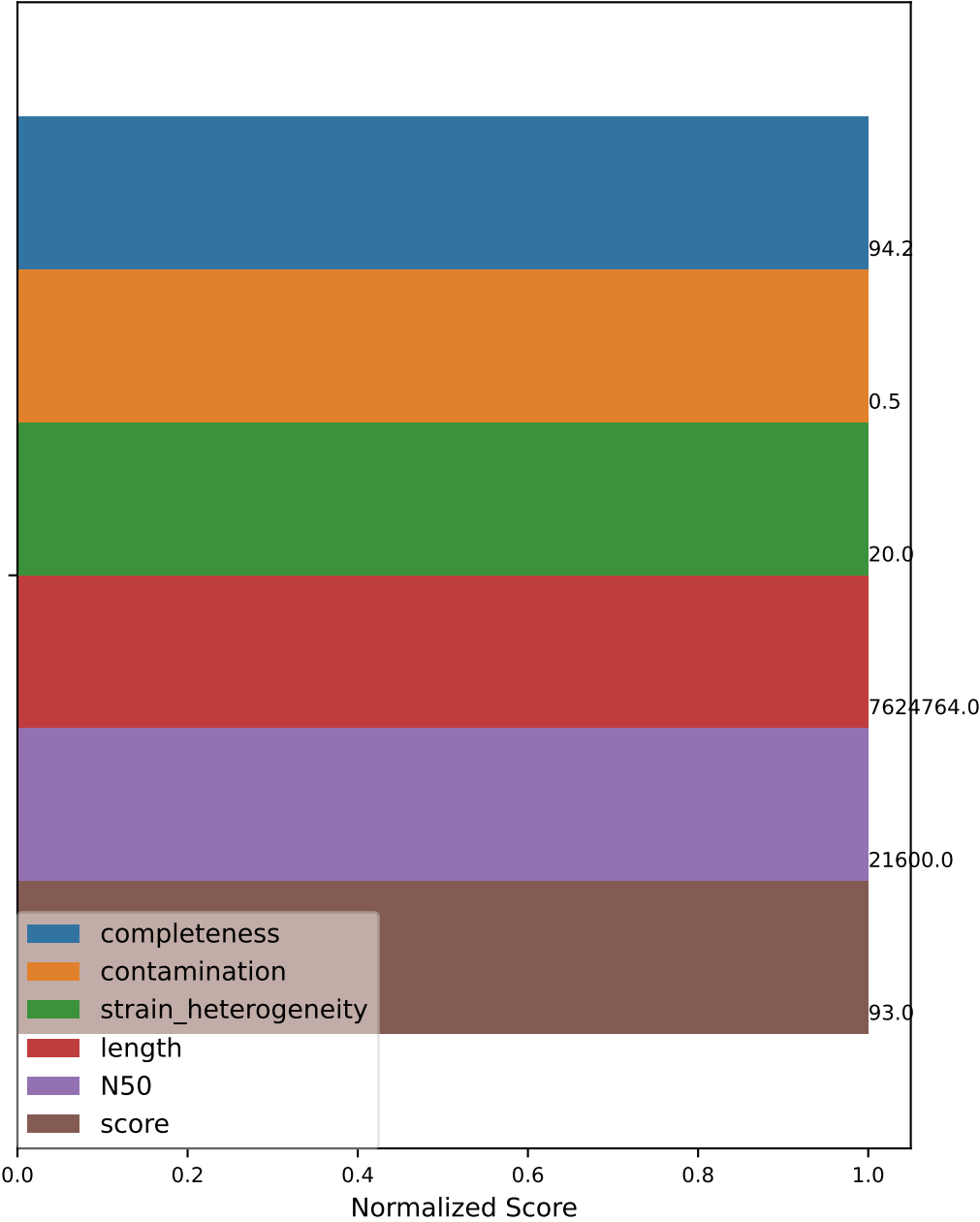
# Scoring of cluster 29\_9



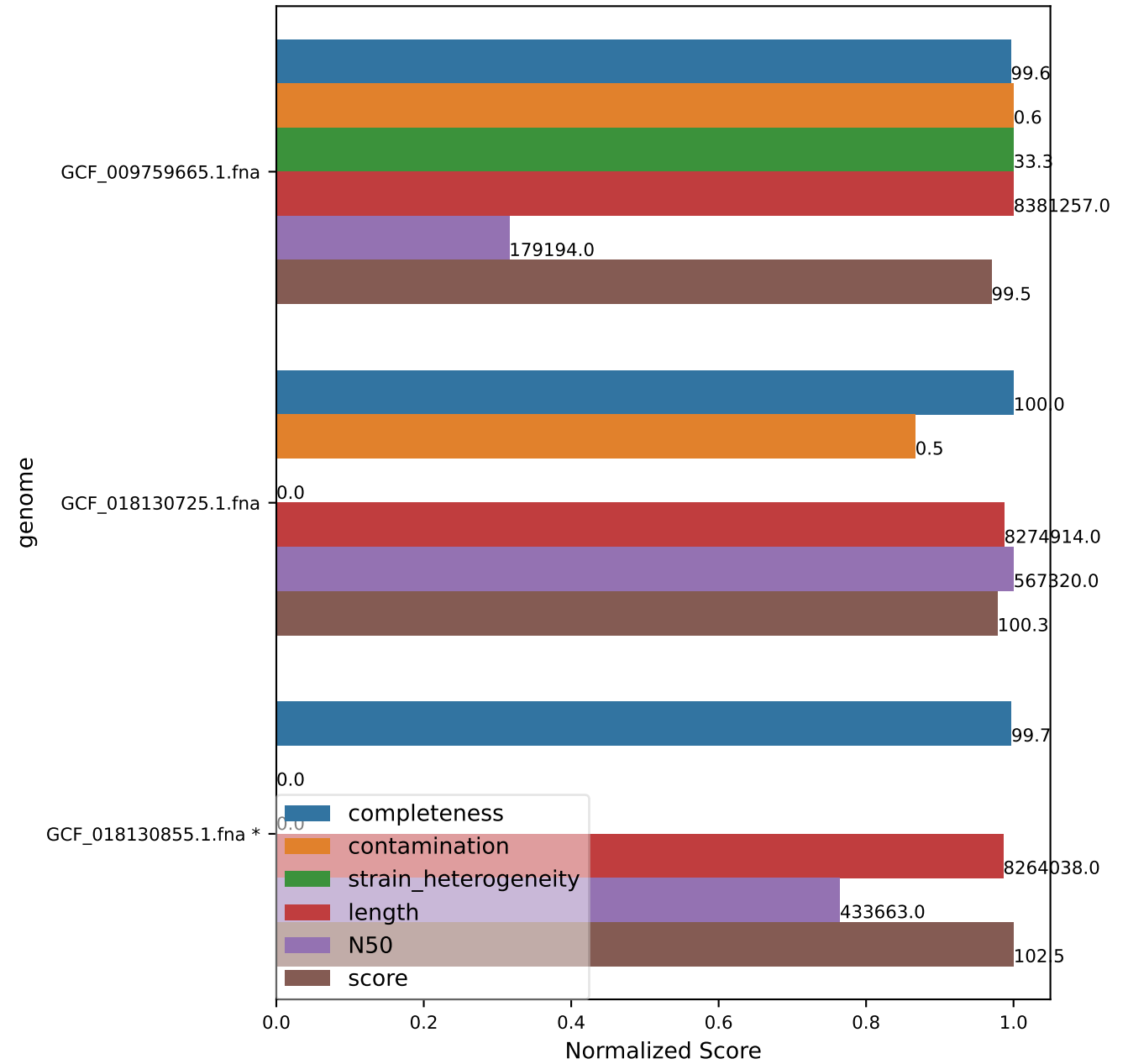
Scoring of cluster 29\_10

genome

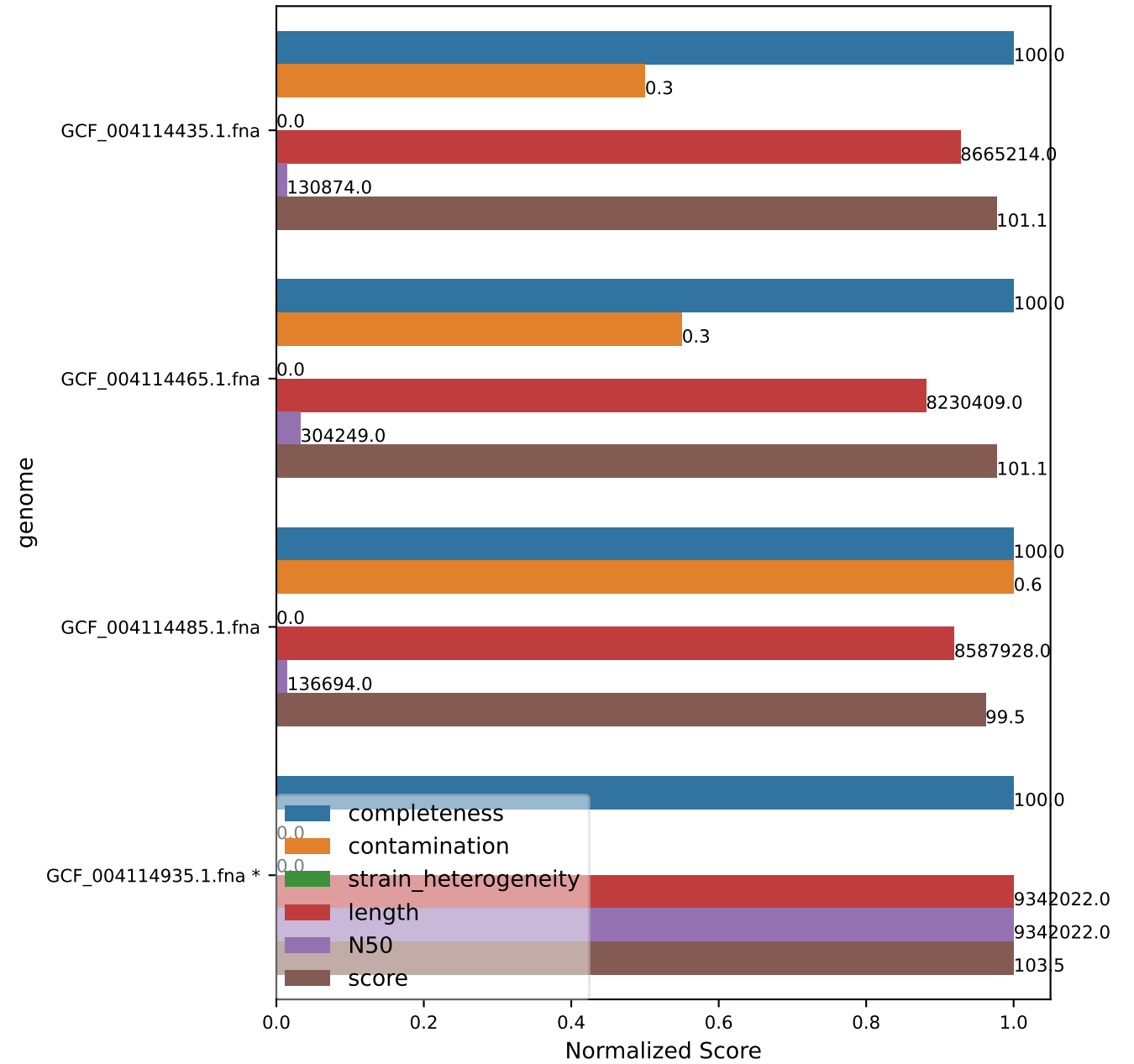
GCF\_002128415.1.fna \*



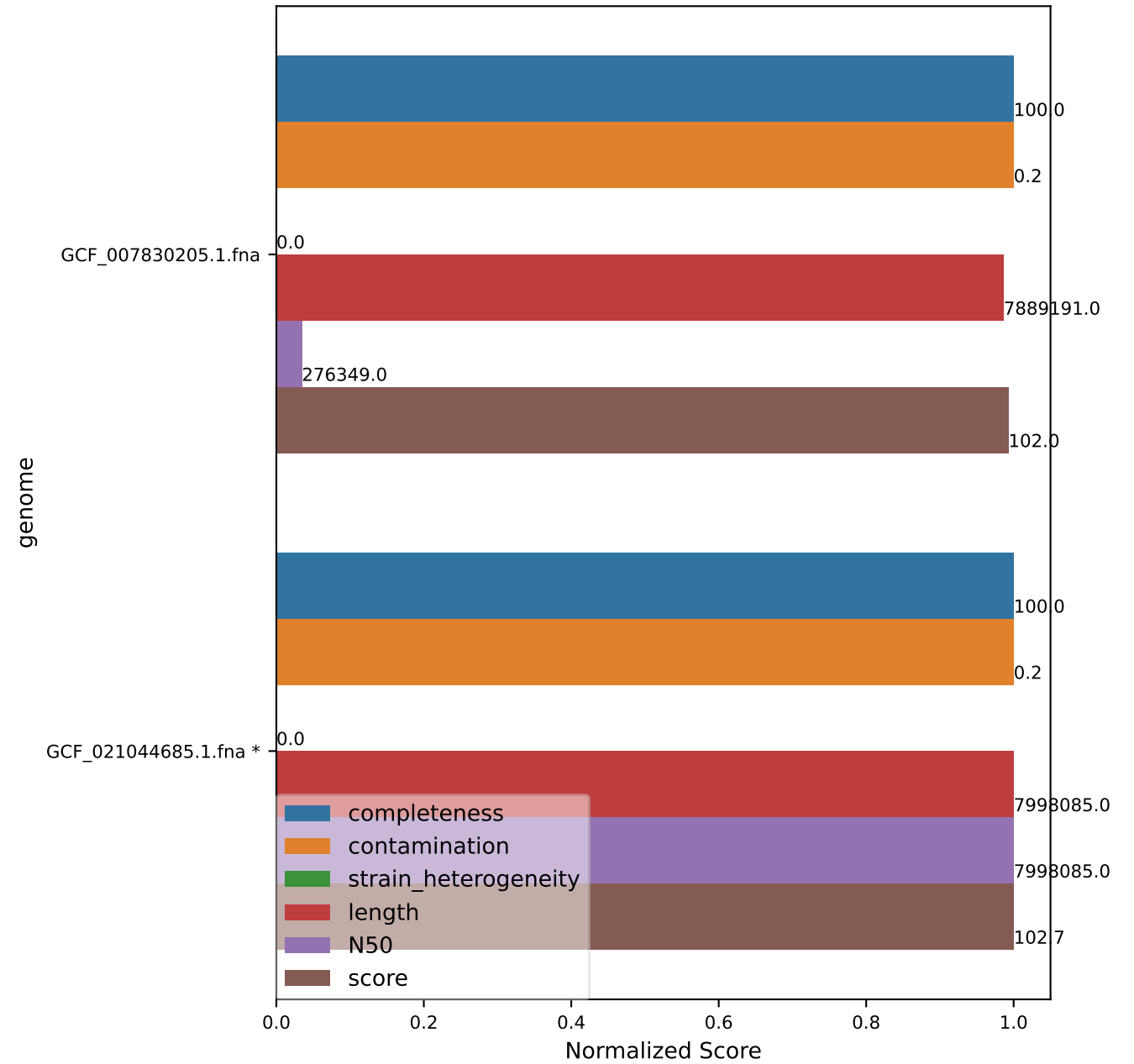
# Scoring of cluster 30\_1



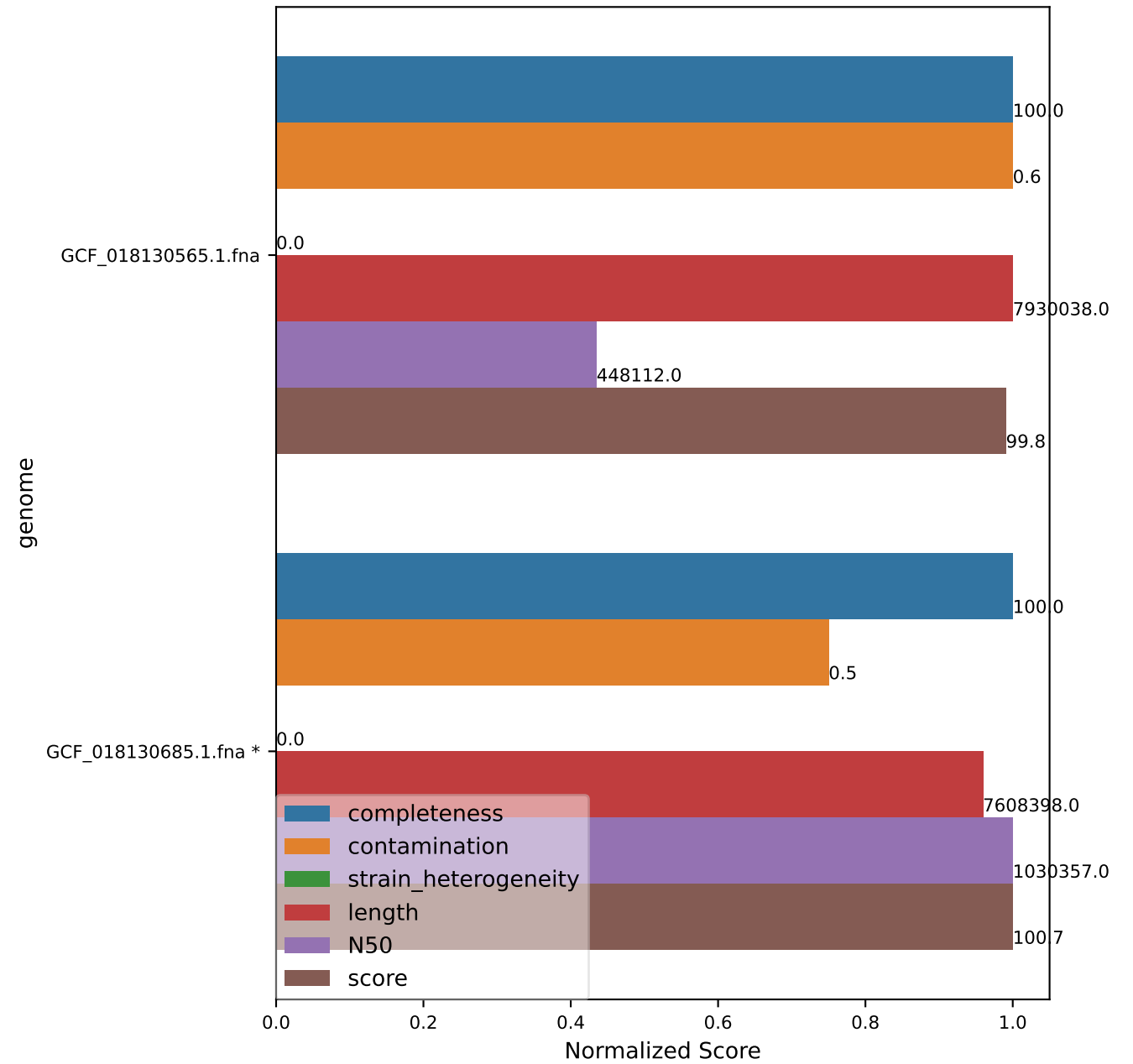
# Scoring of cluster 31\_1



Scoring of cluster 31\_2

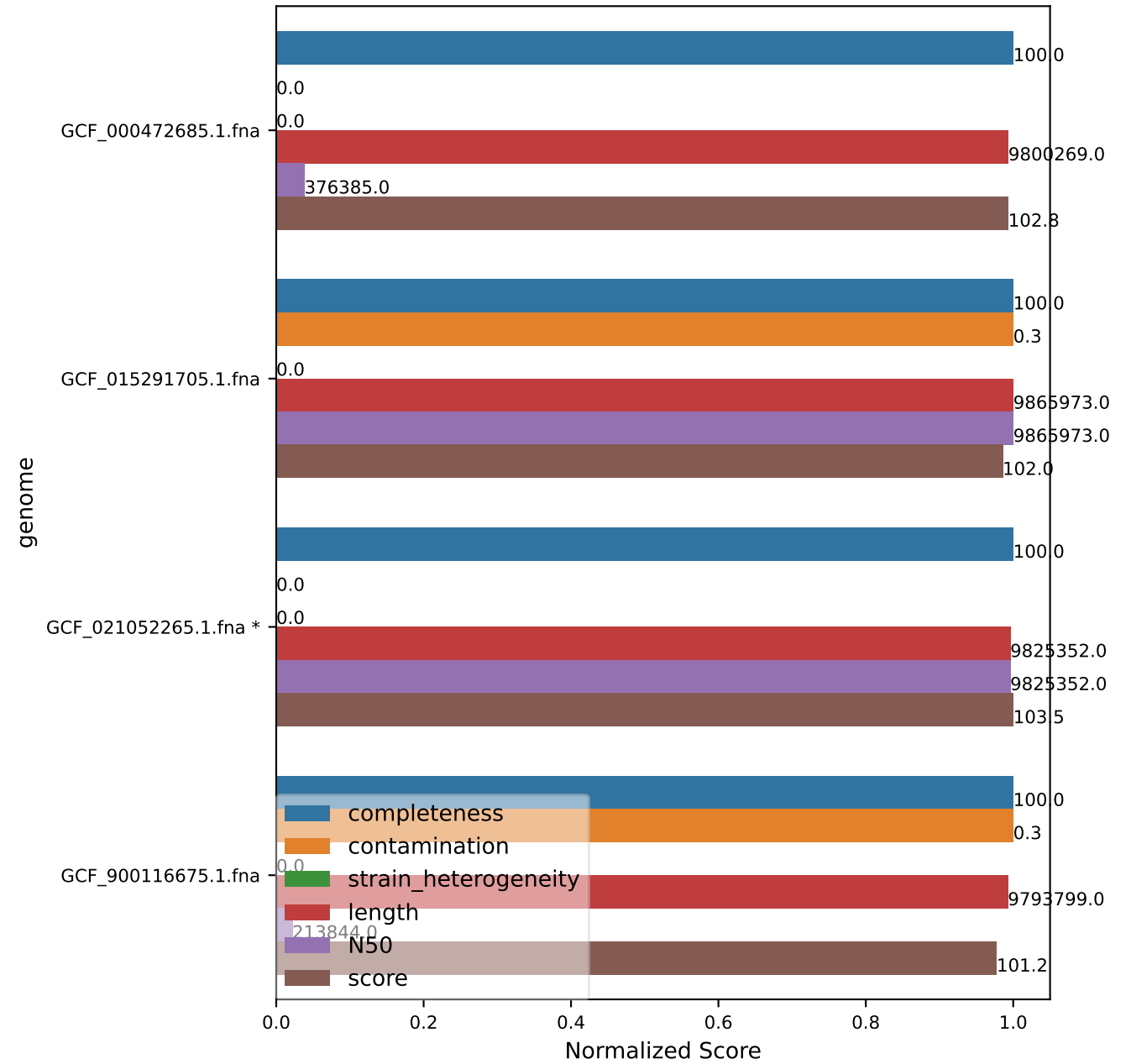


Scoring of cluster 31\_3

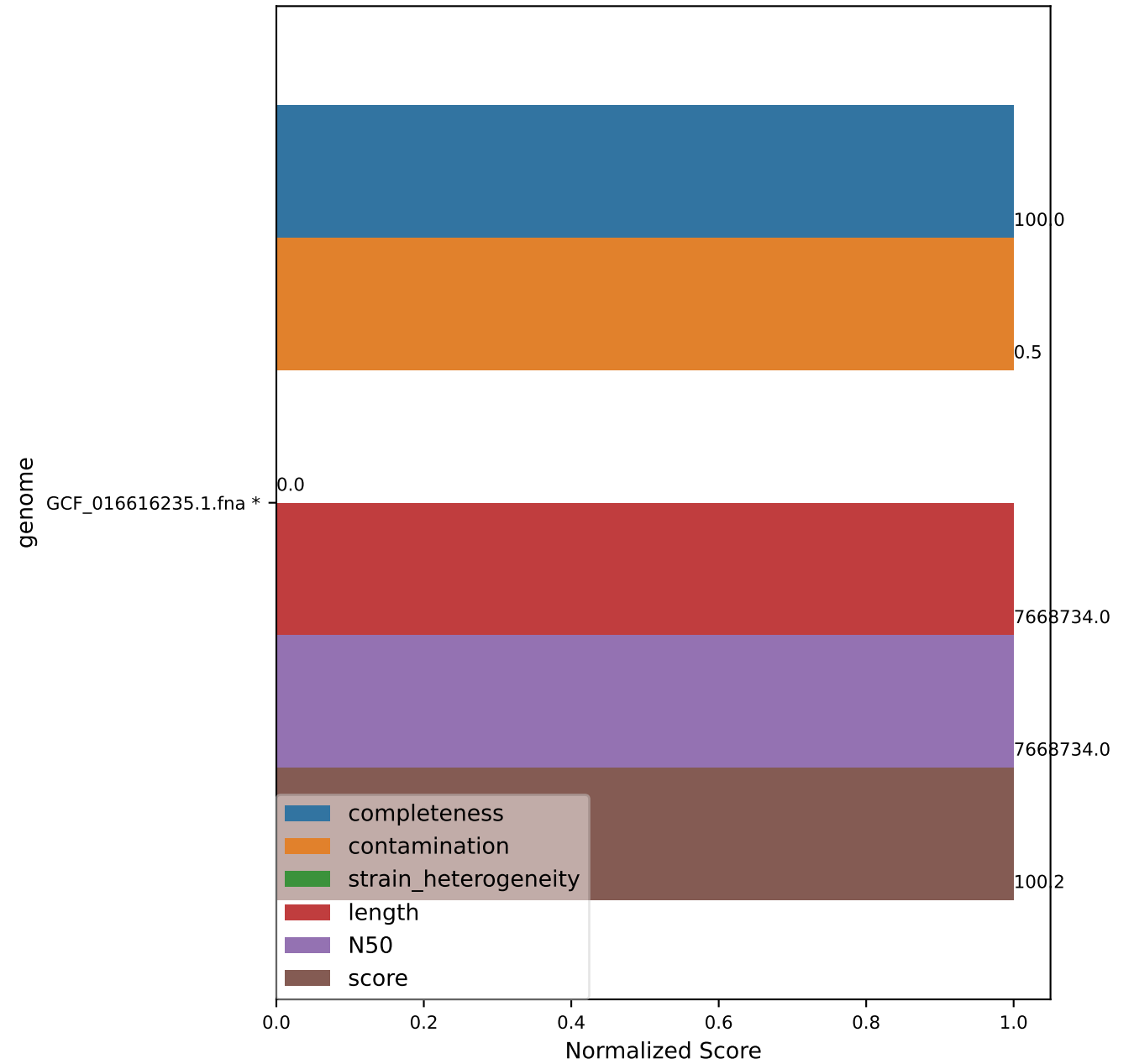




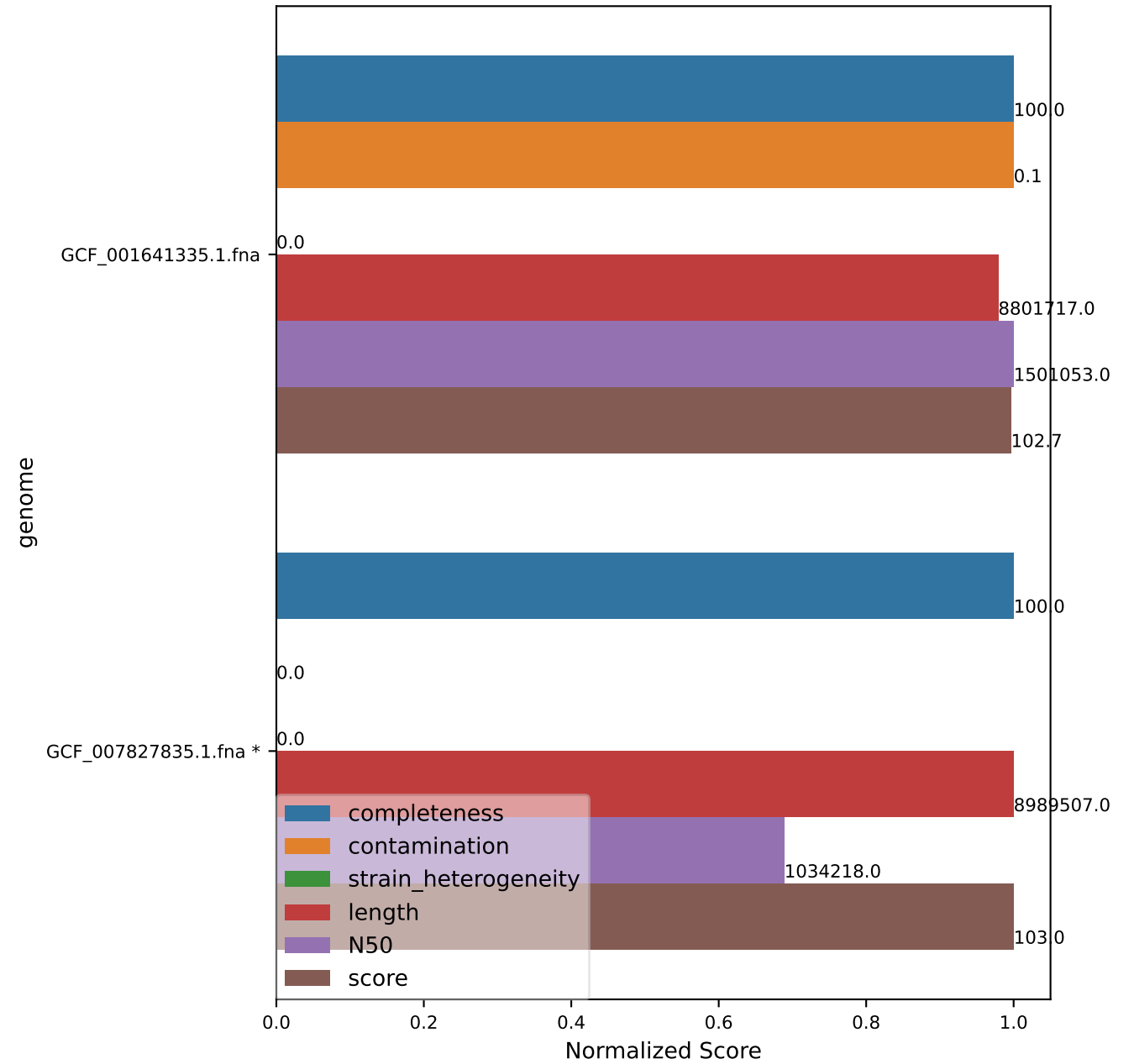
# Scoring of cluster 32\_1



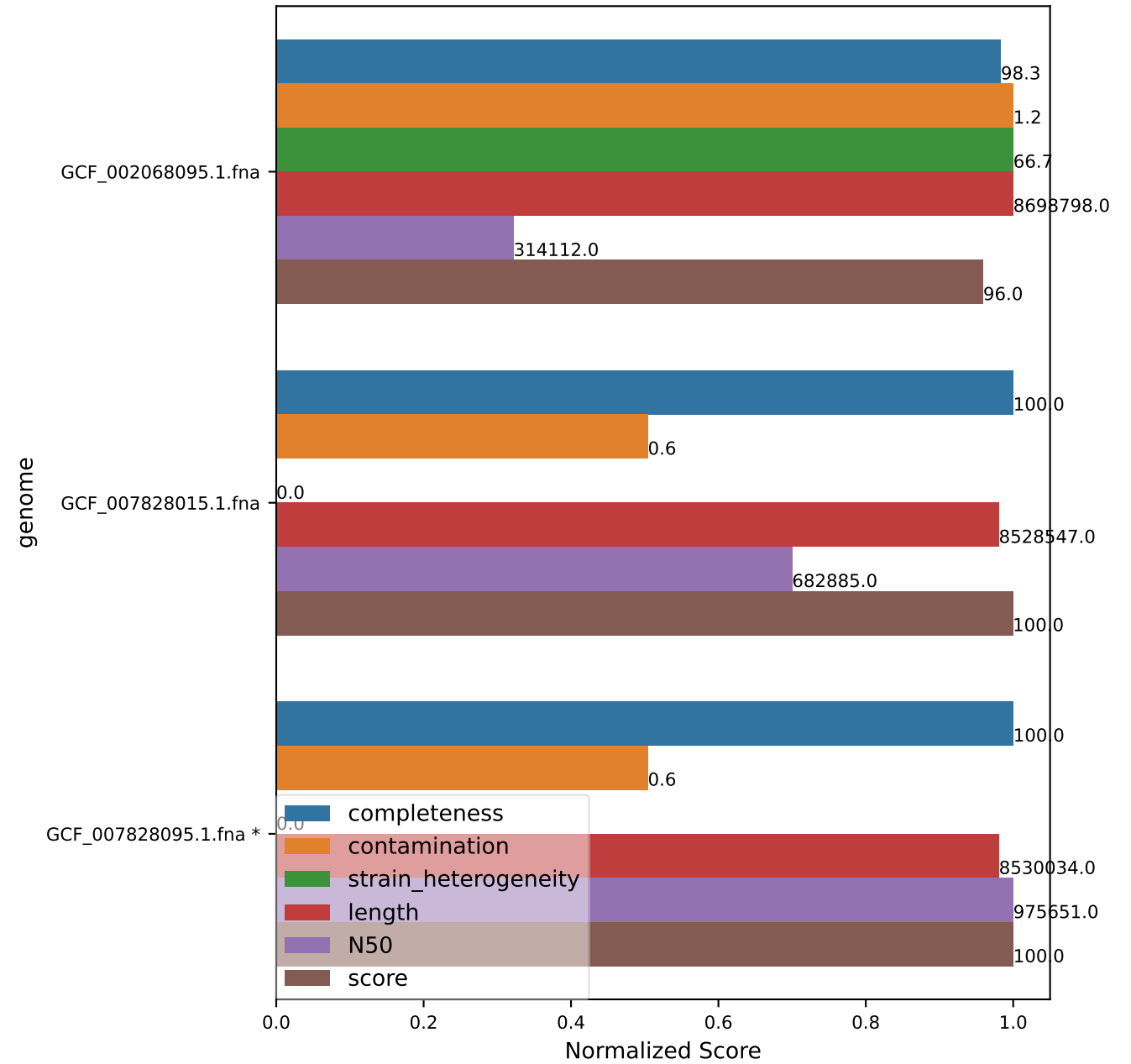
Scoring of cluster 33\_0



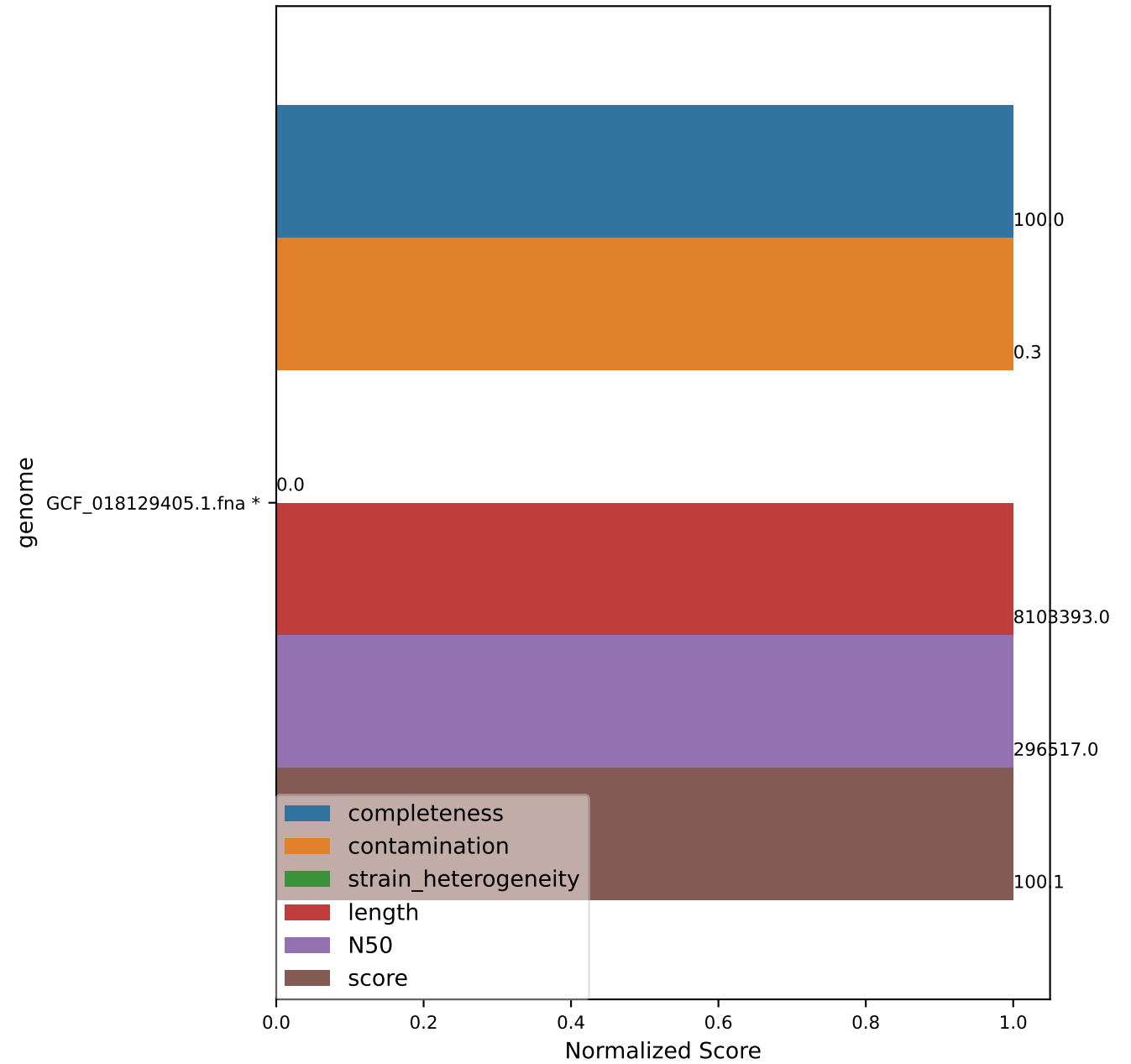
# Scoring of cluster 34\_1



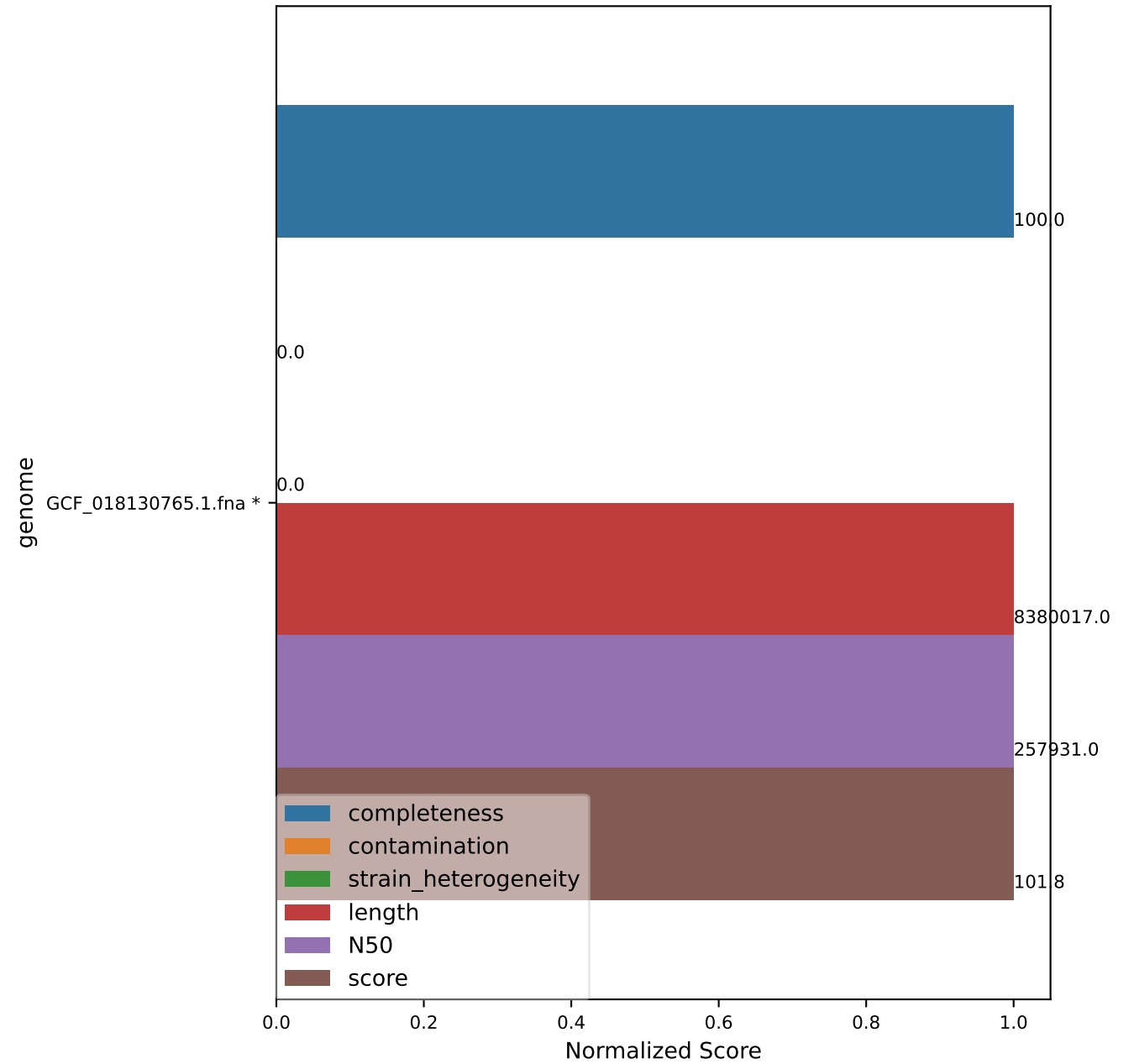
# Scoring of cluster 34\_2



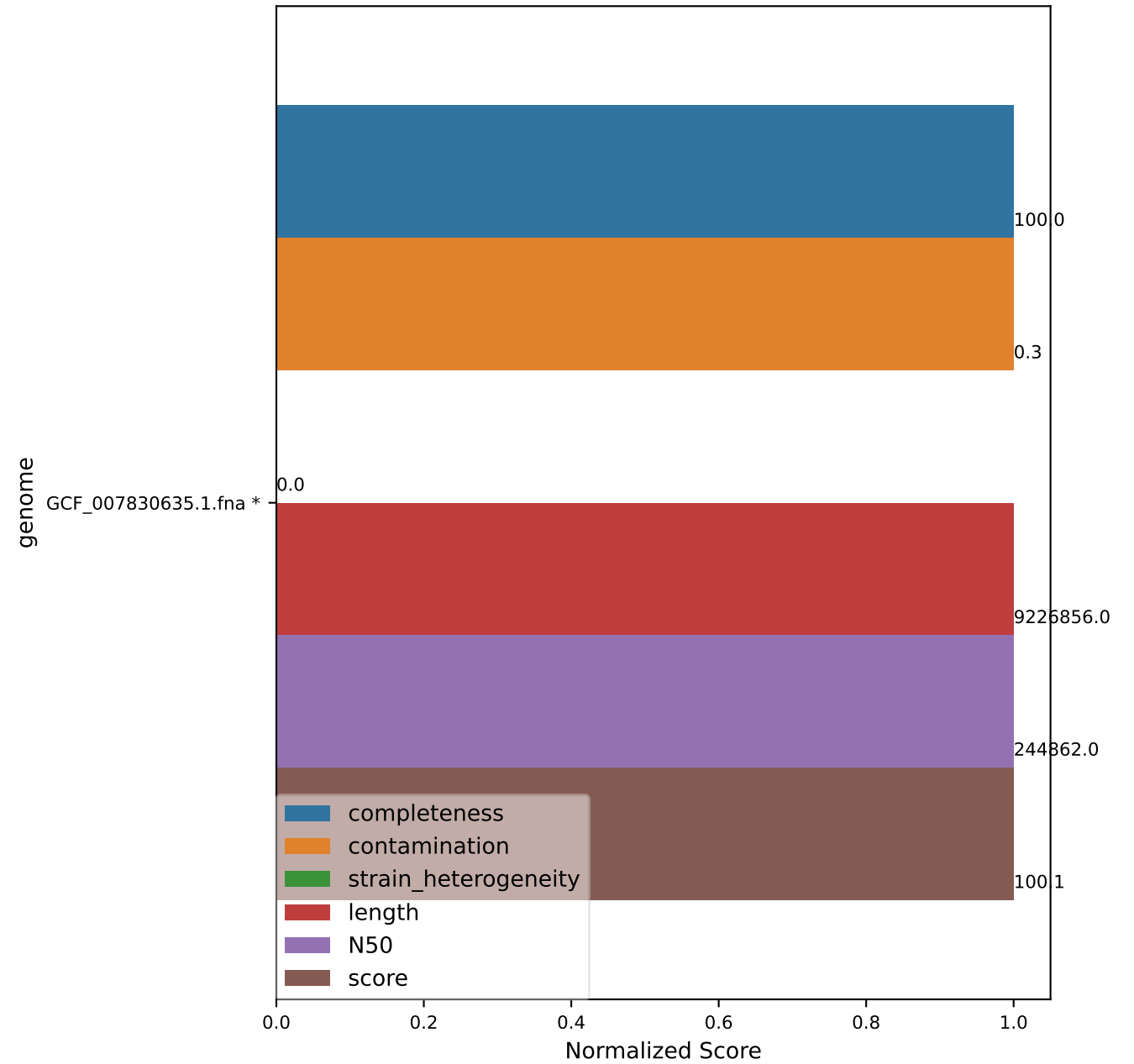
Scoring of cluster 34\_3



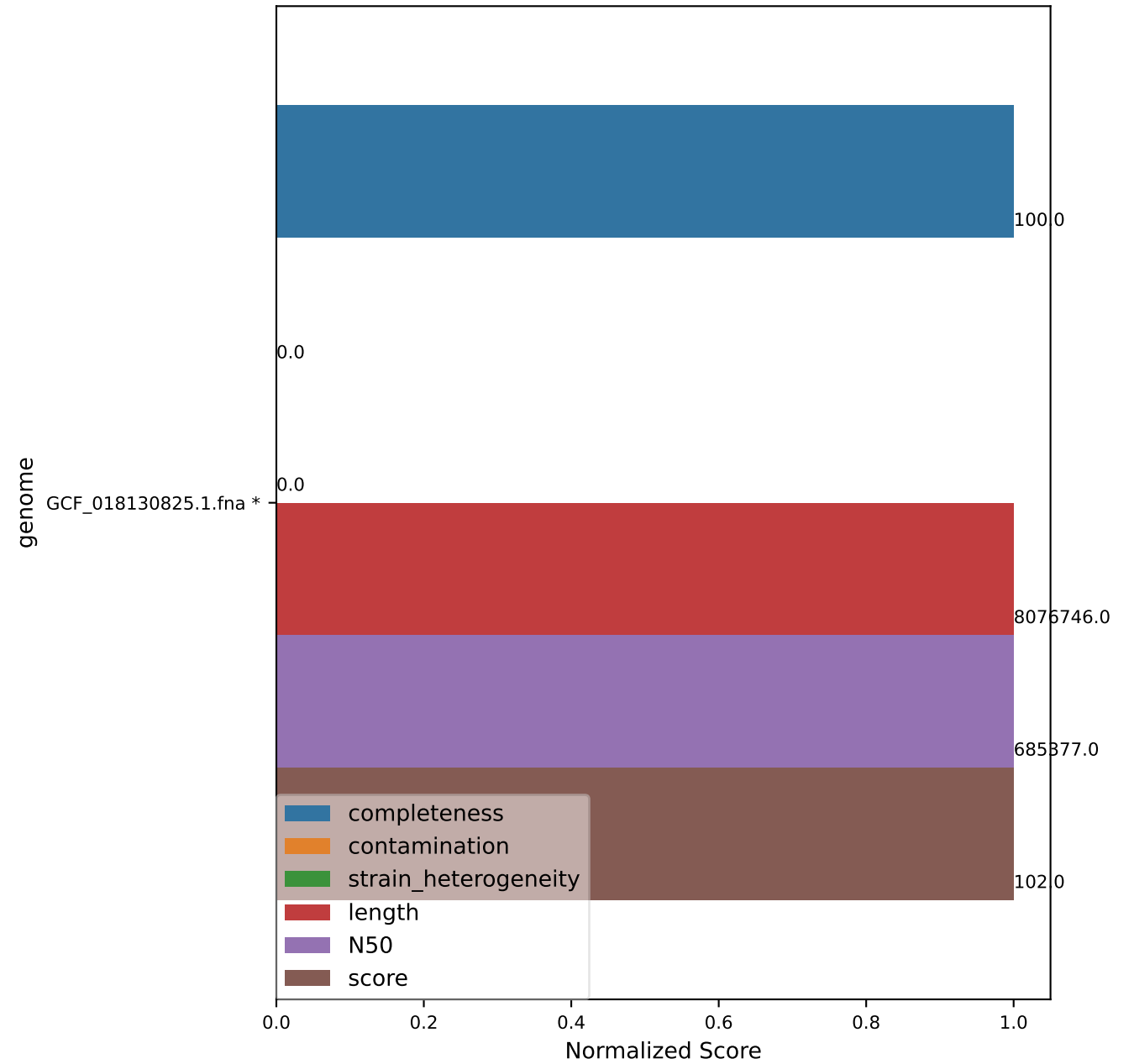
Scoring of cluster 34\_4



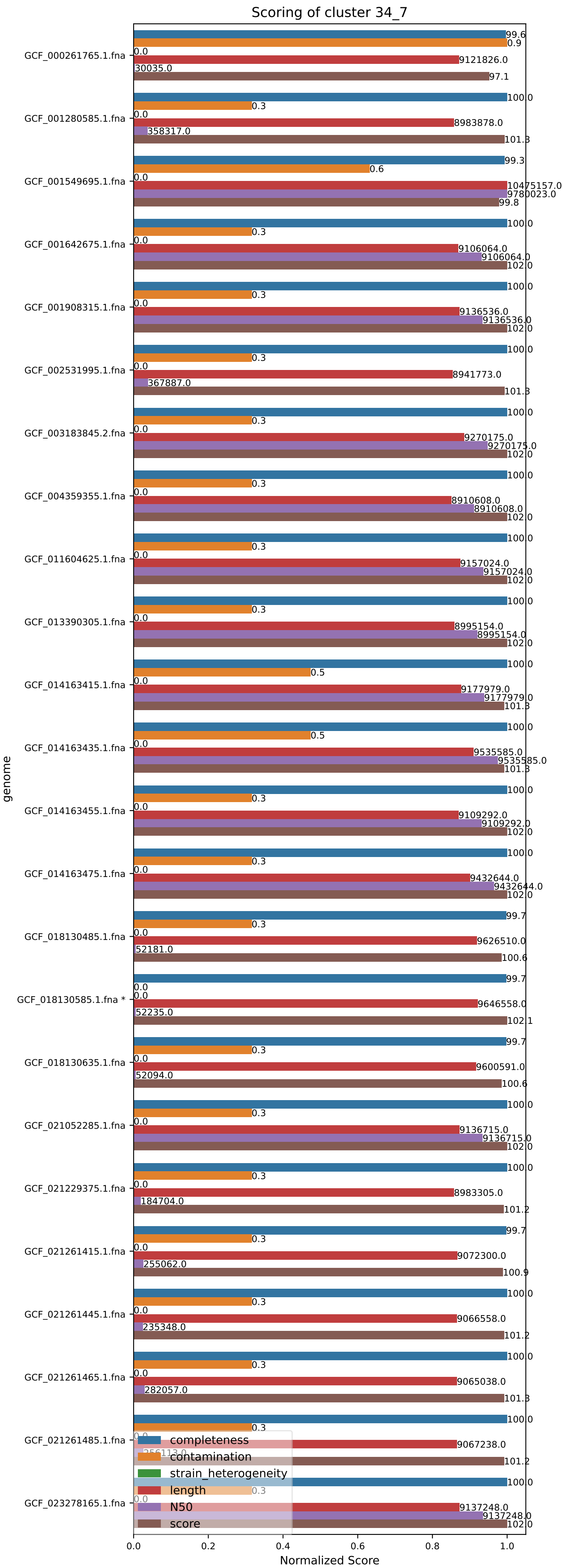
Scoring of cluster 34\_5



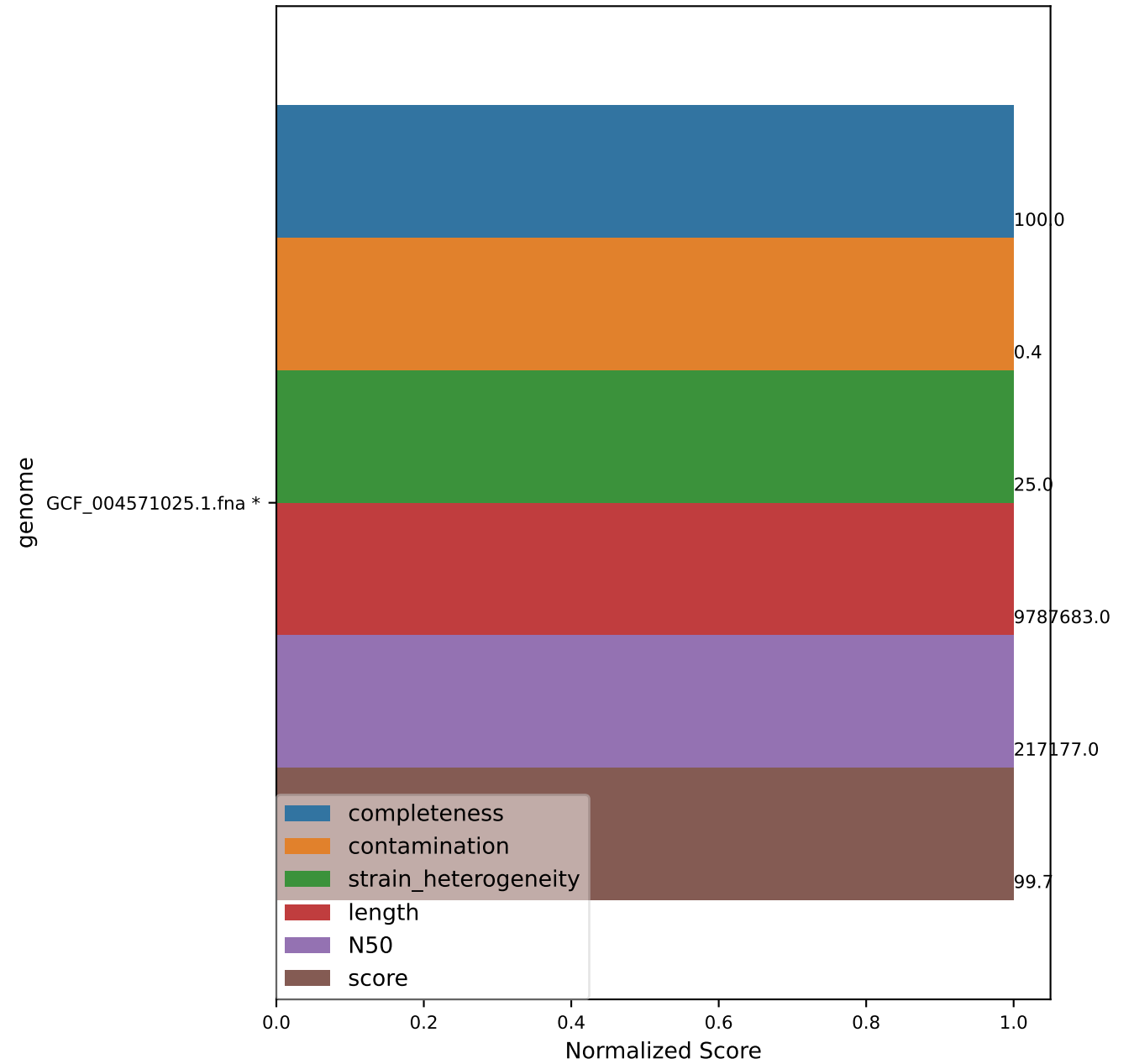
Scoring of cluster 34\_6

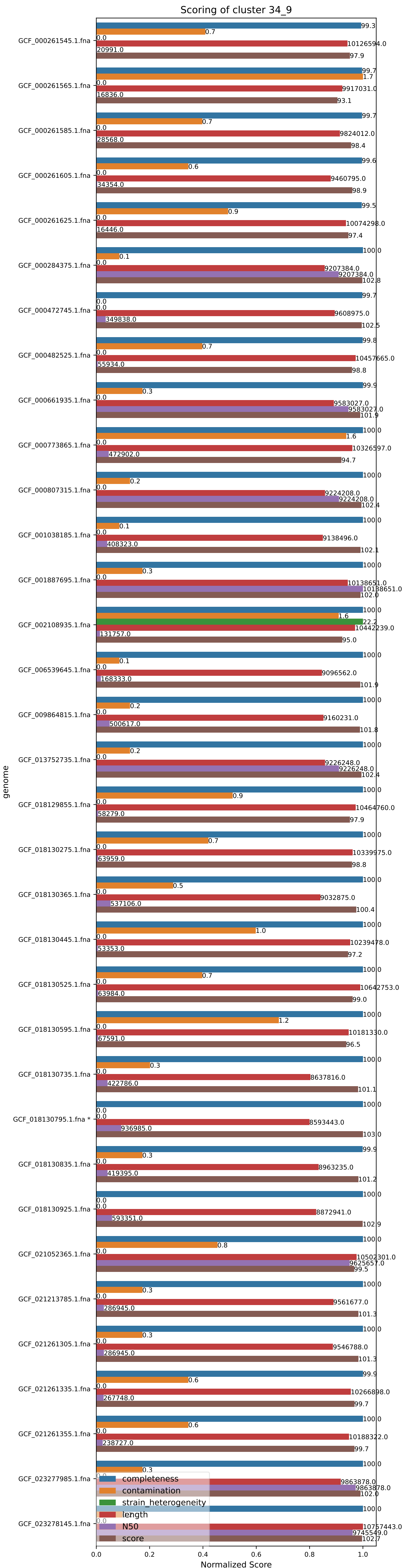






Scoring of cluster 34\_8

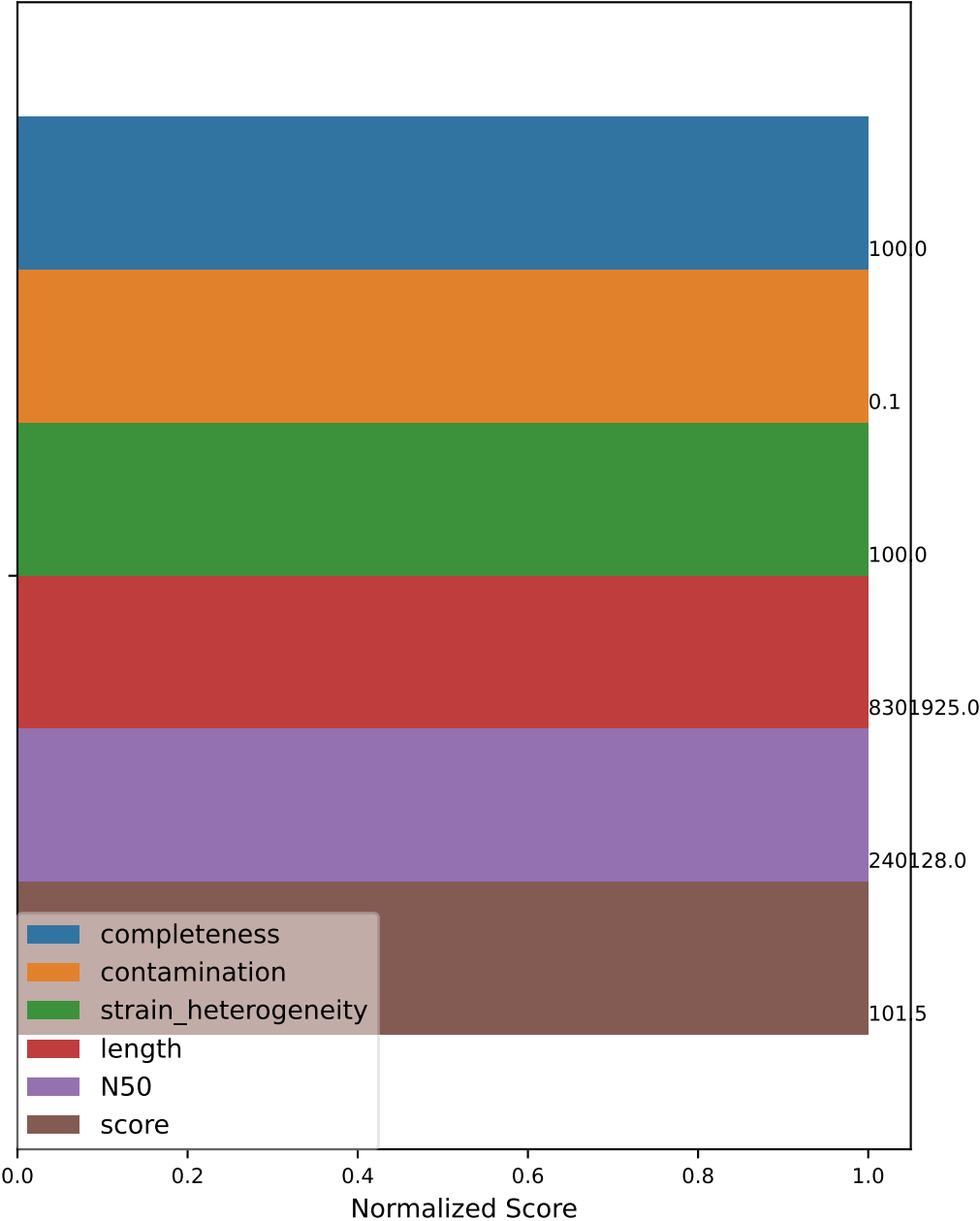




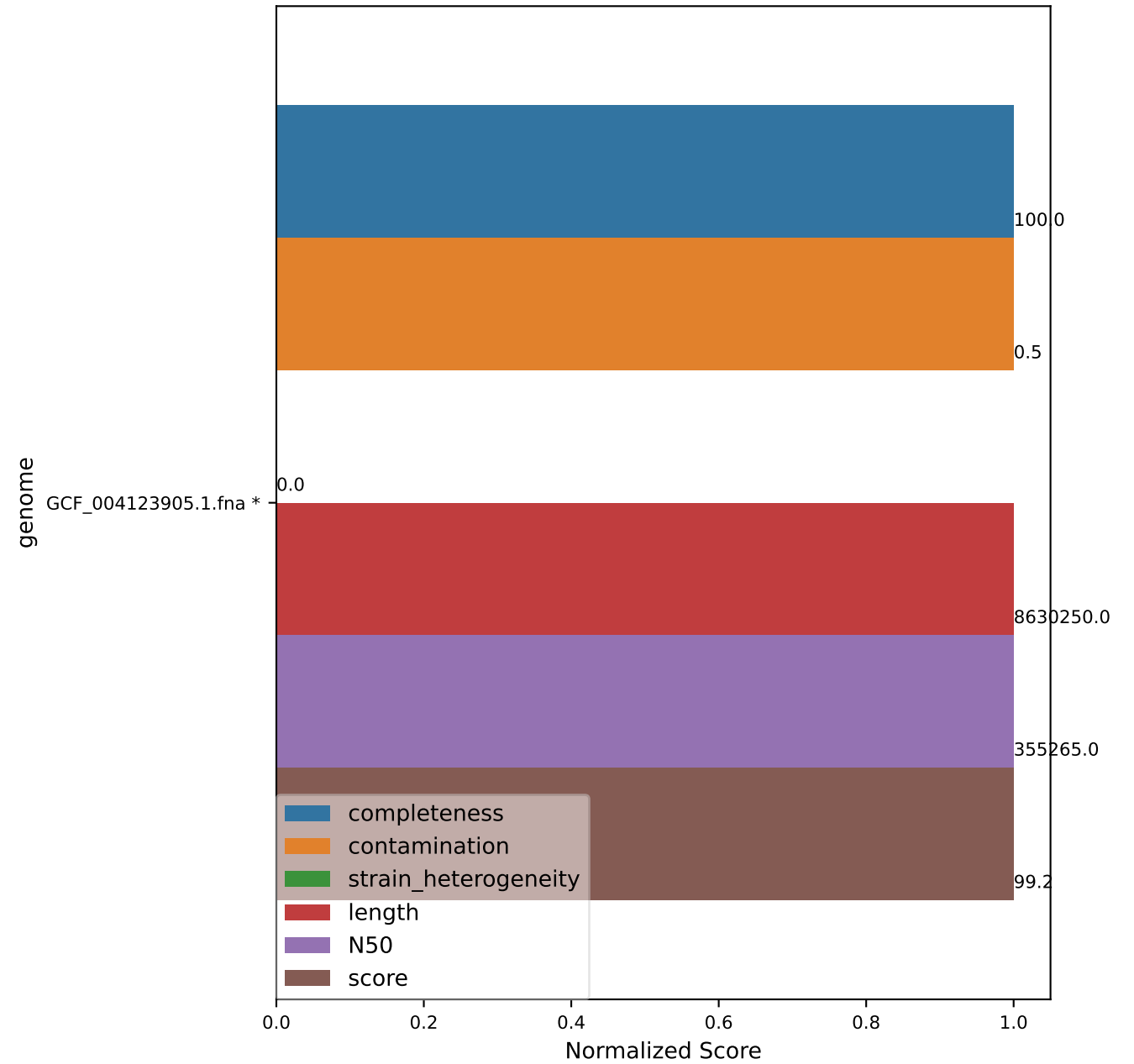
Scoring of cluster 34\_10

genome

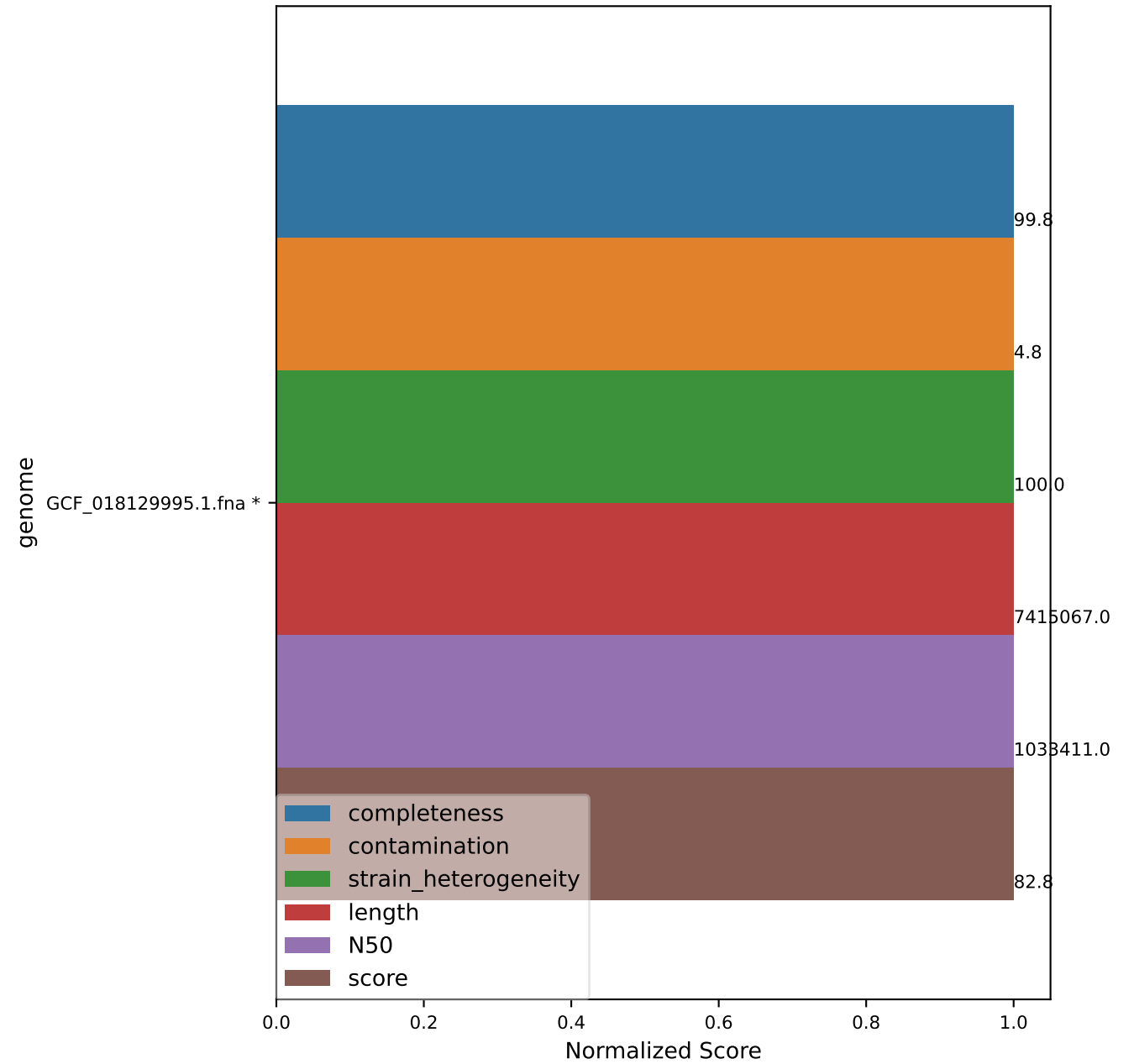
GCF\_018130785.1.fna \*



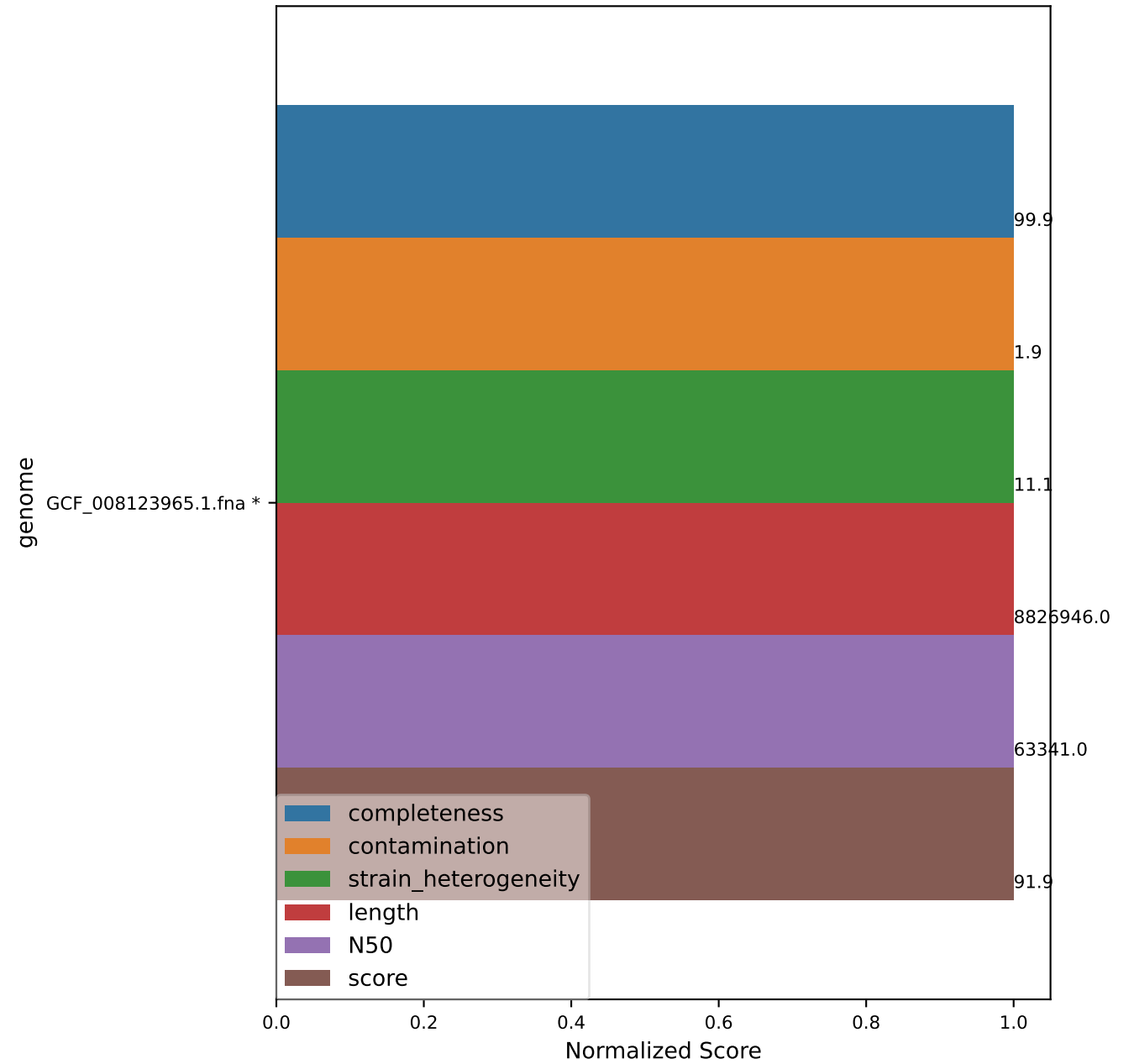
Scoring of cluster 35\_0



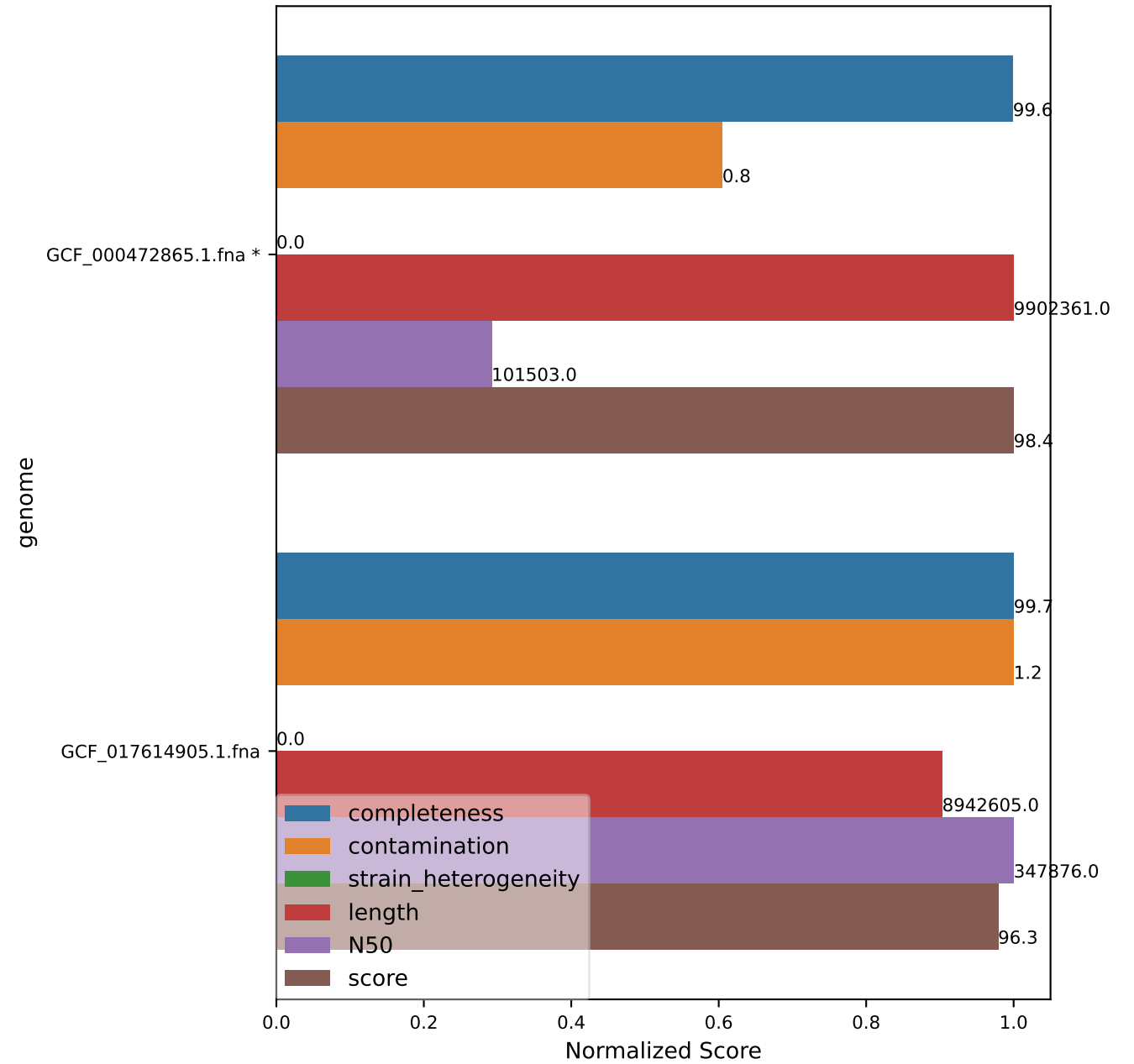
Scoring of cluster 36\_0



Scoring of cluster 37\_0

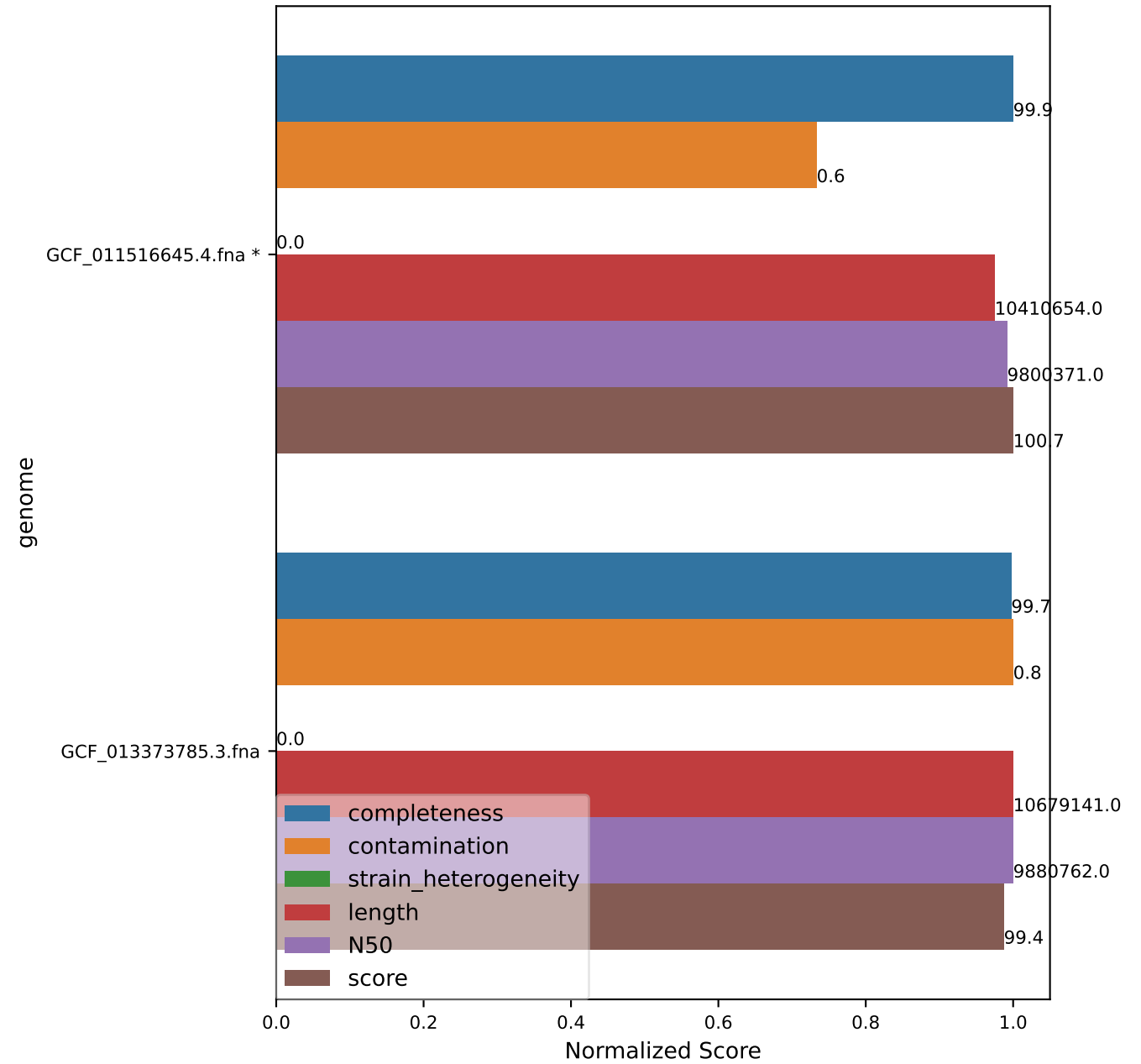


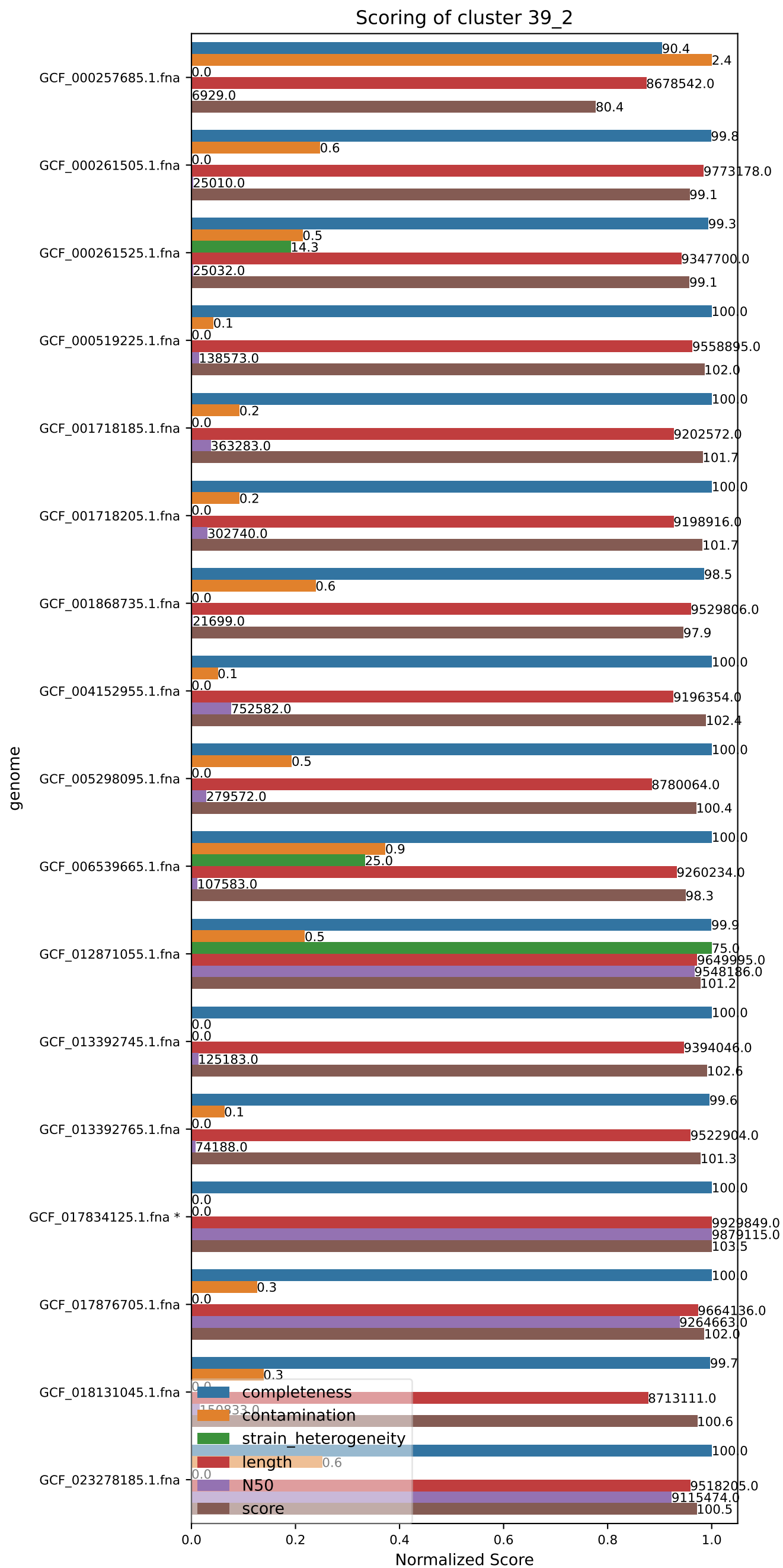
Scoring of cluster 38\_1



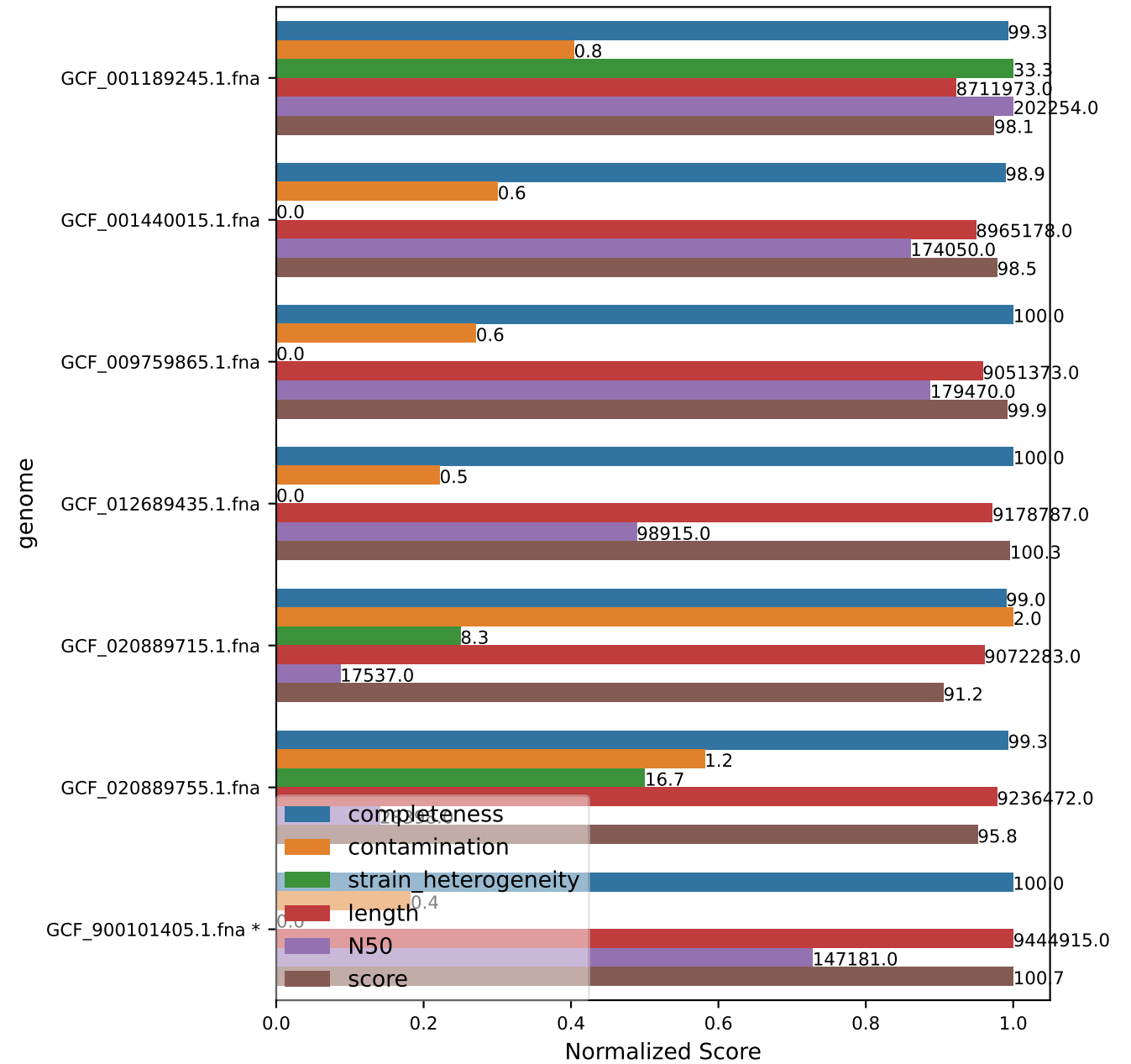


Scoring of cluster 39\_1

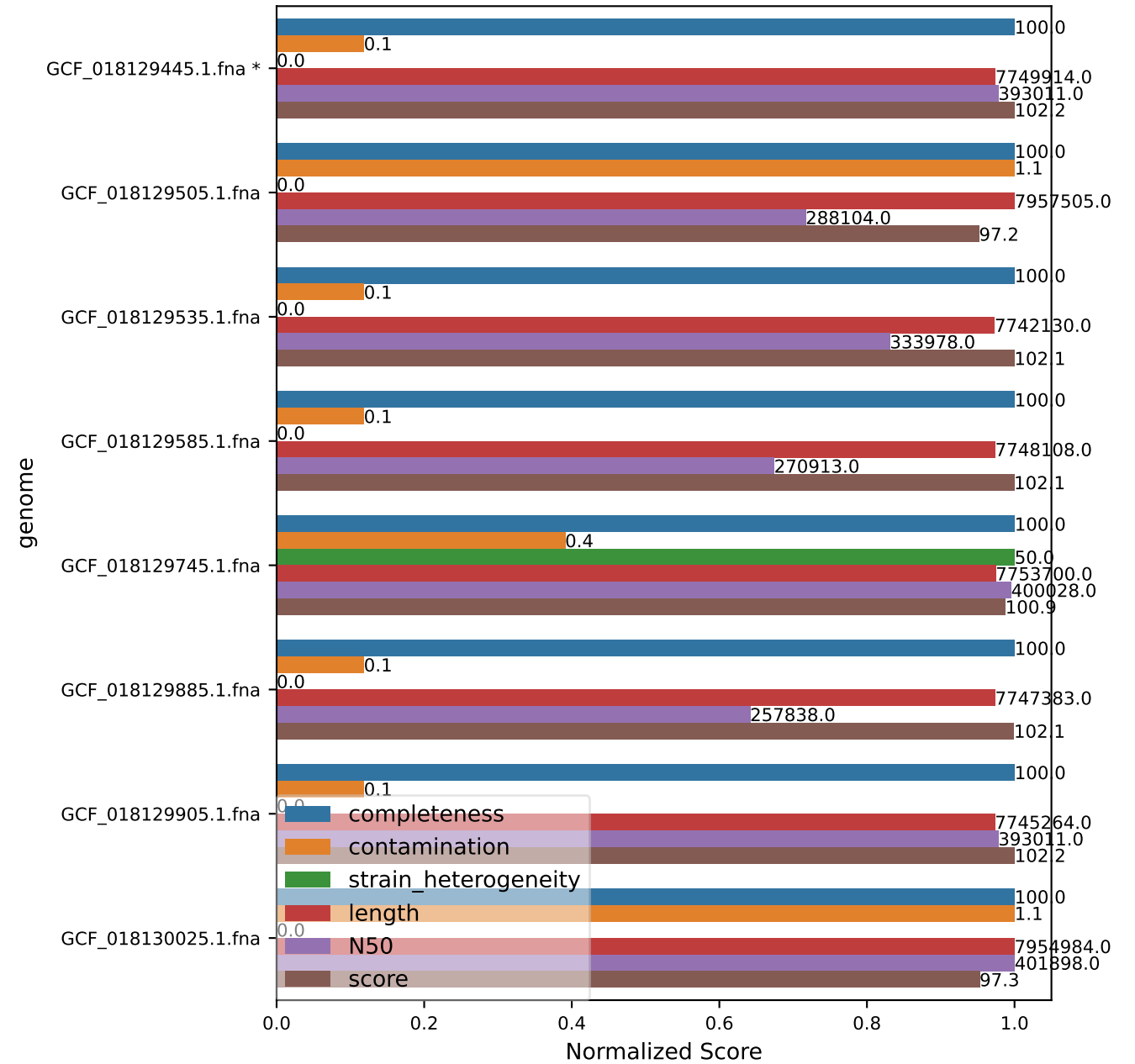




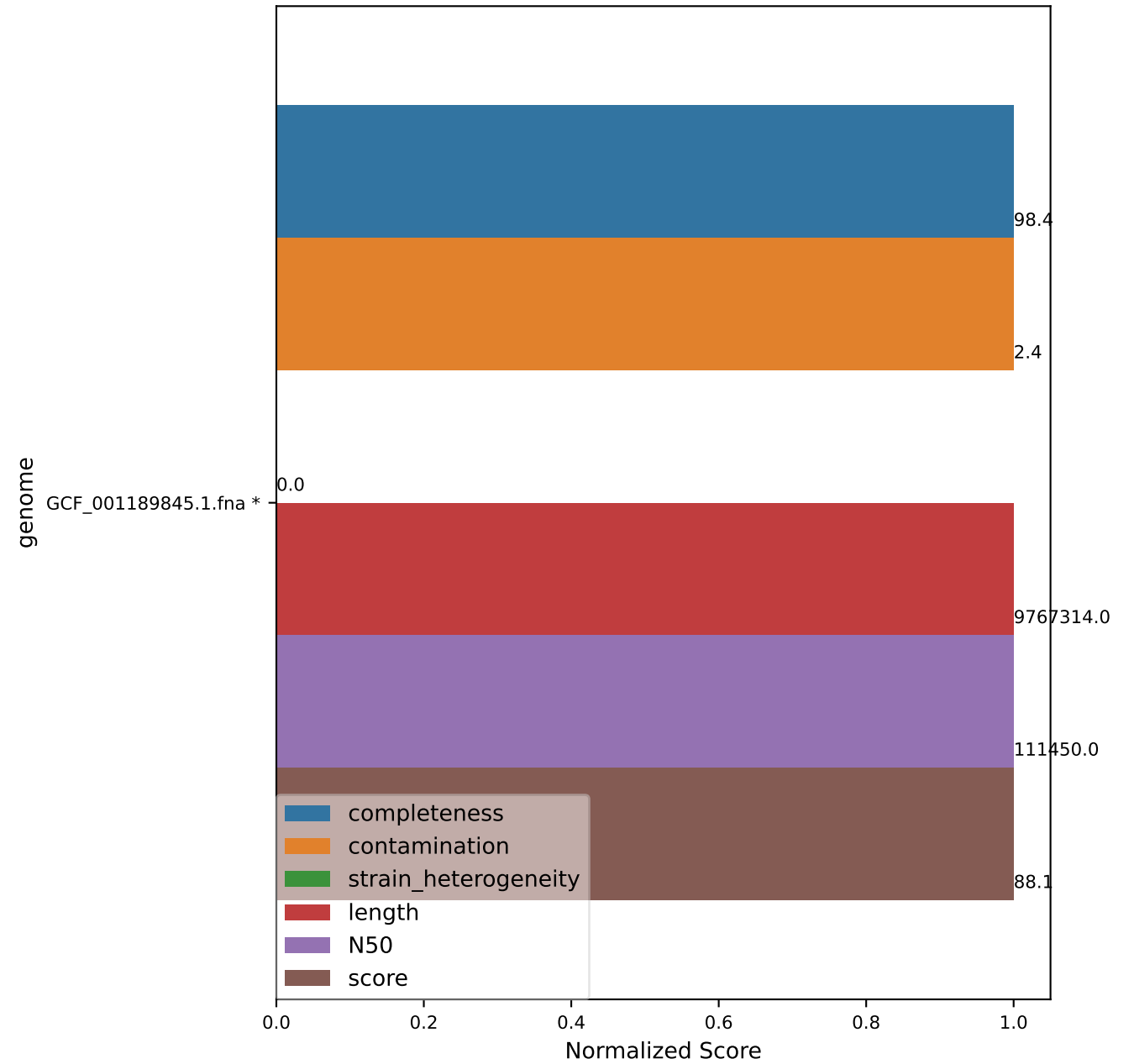
# Scoring of cluster 39\_3



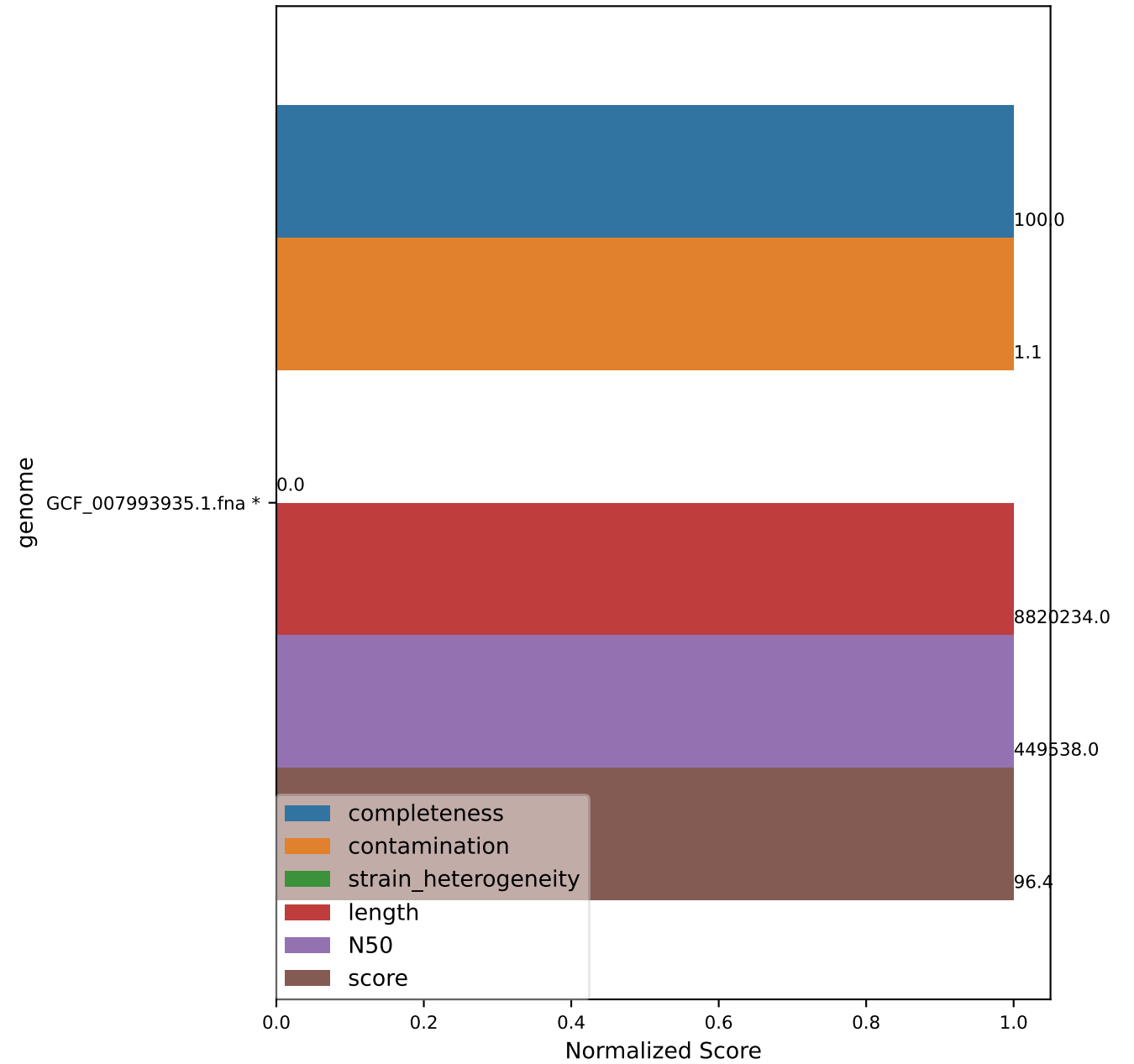
# Scoring of cluster 39\_4



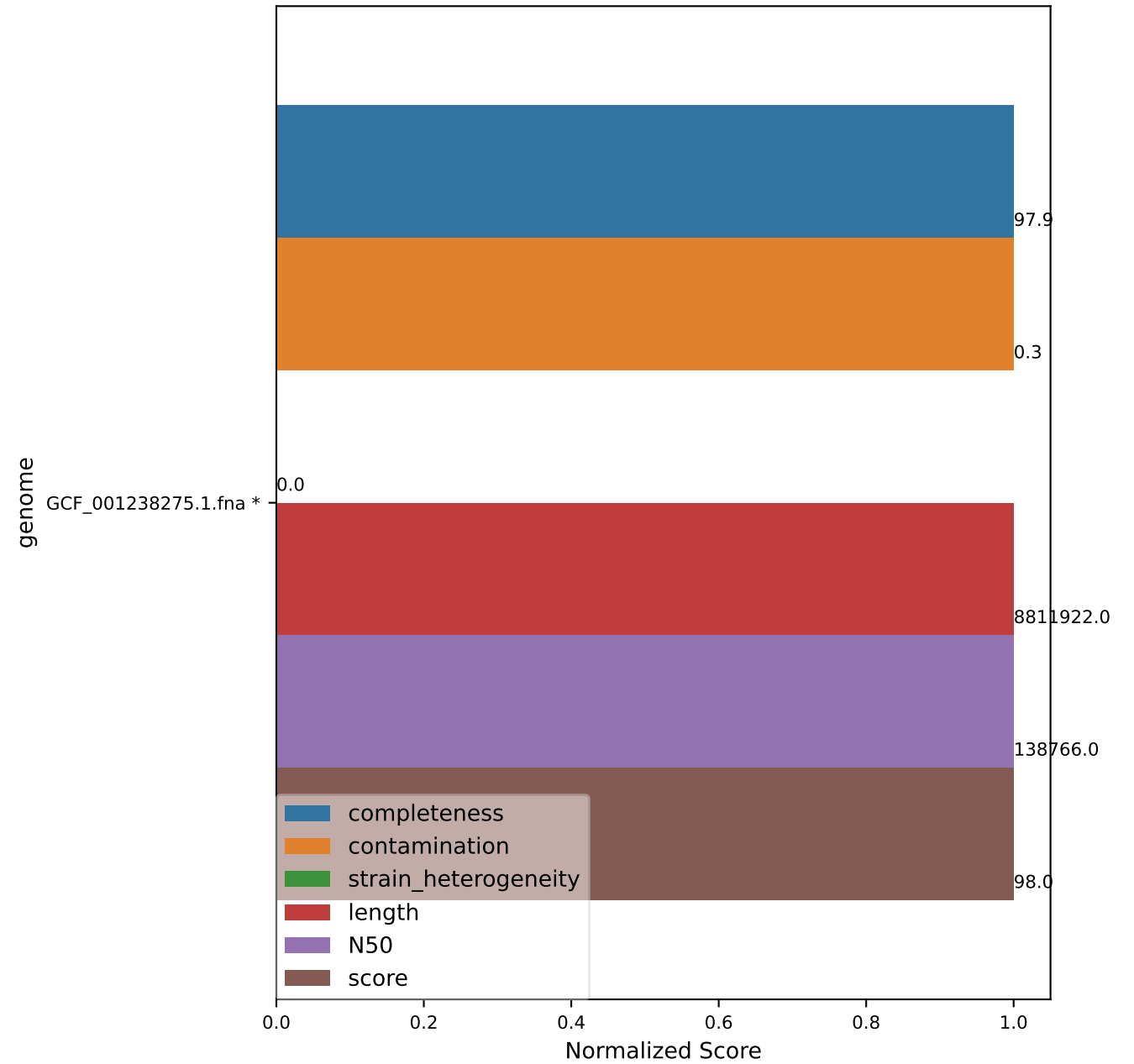
Scoring of cluster 39\_5



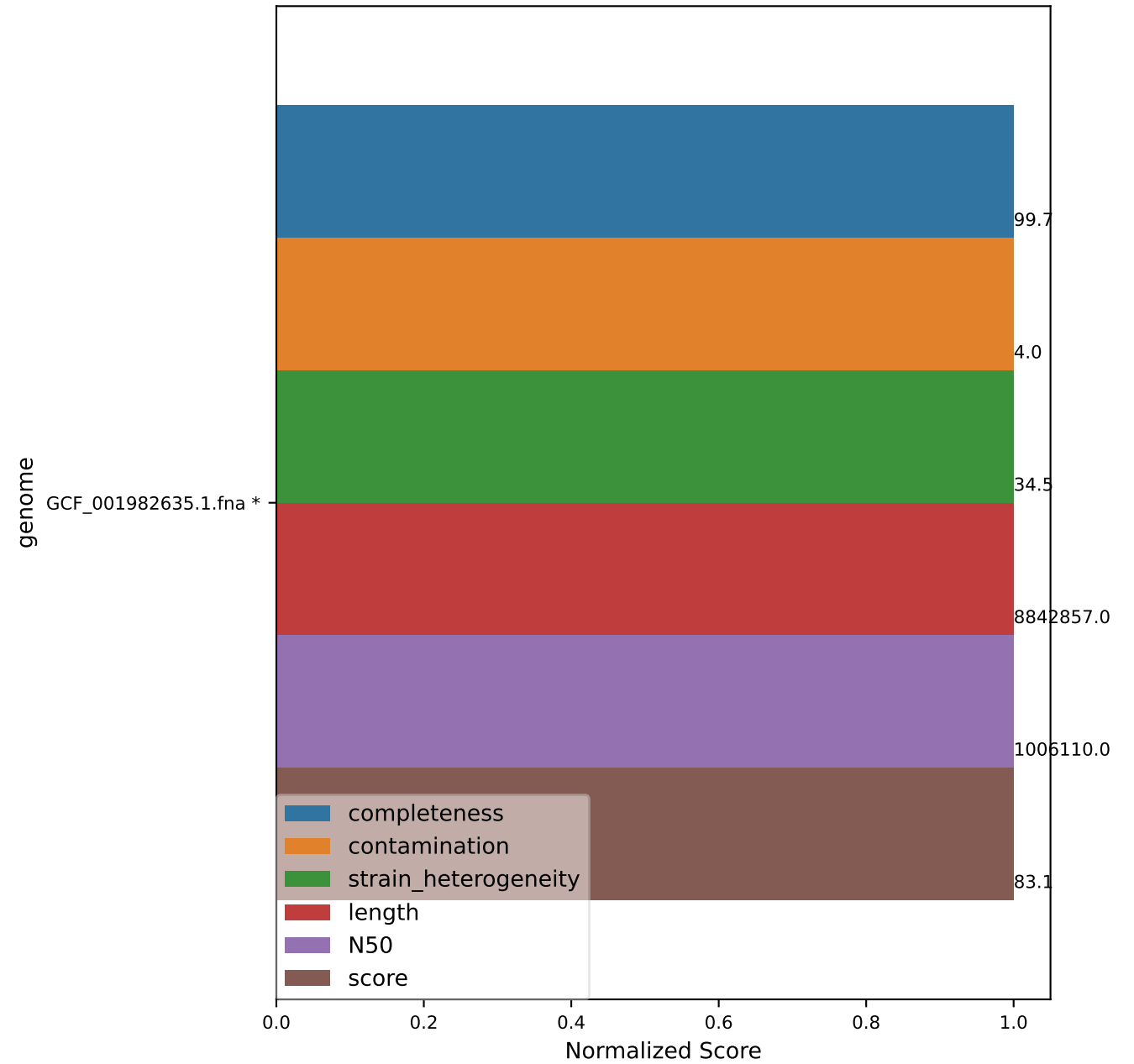
Scoring of cluster 39\_6



Scoring of cluster 39\_7

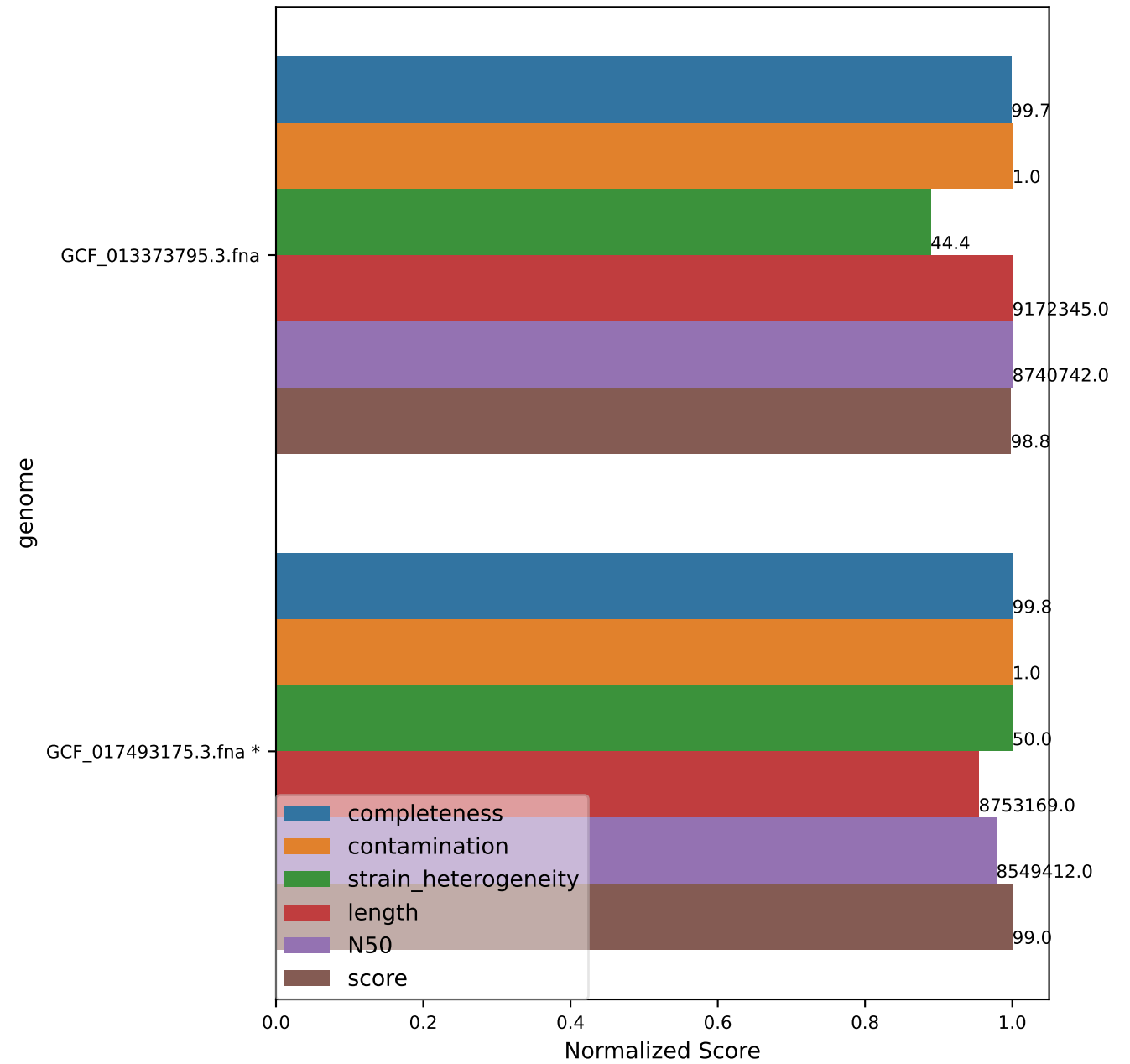


Scoring of cluster 39\_8

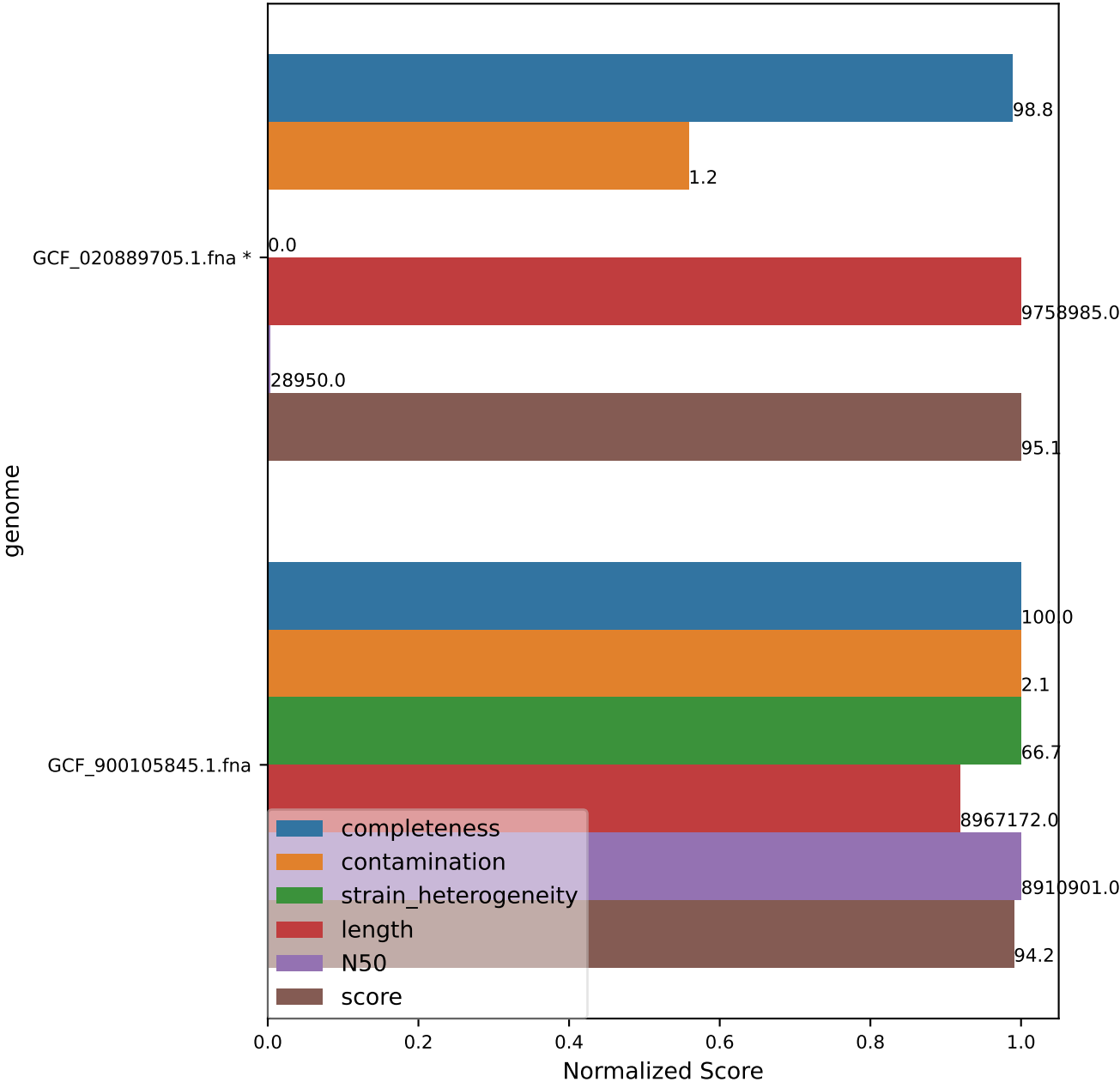




Scoring of cluster 39\_9



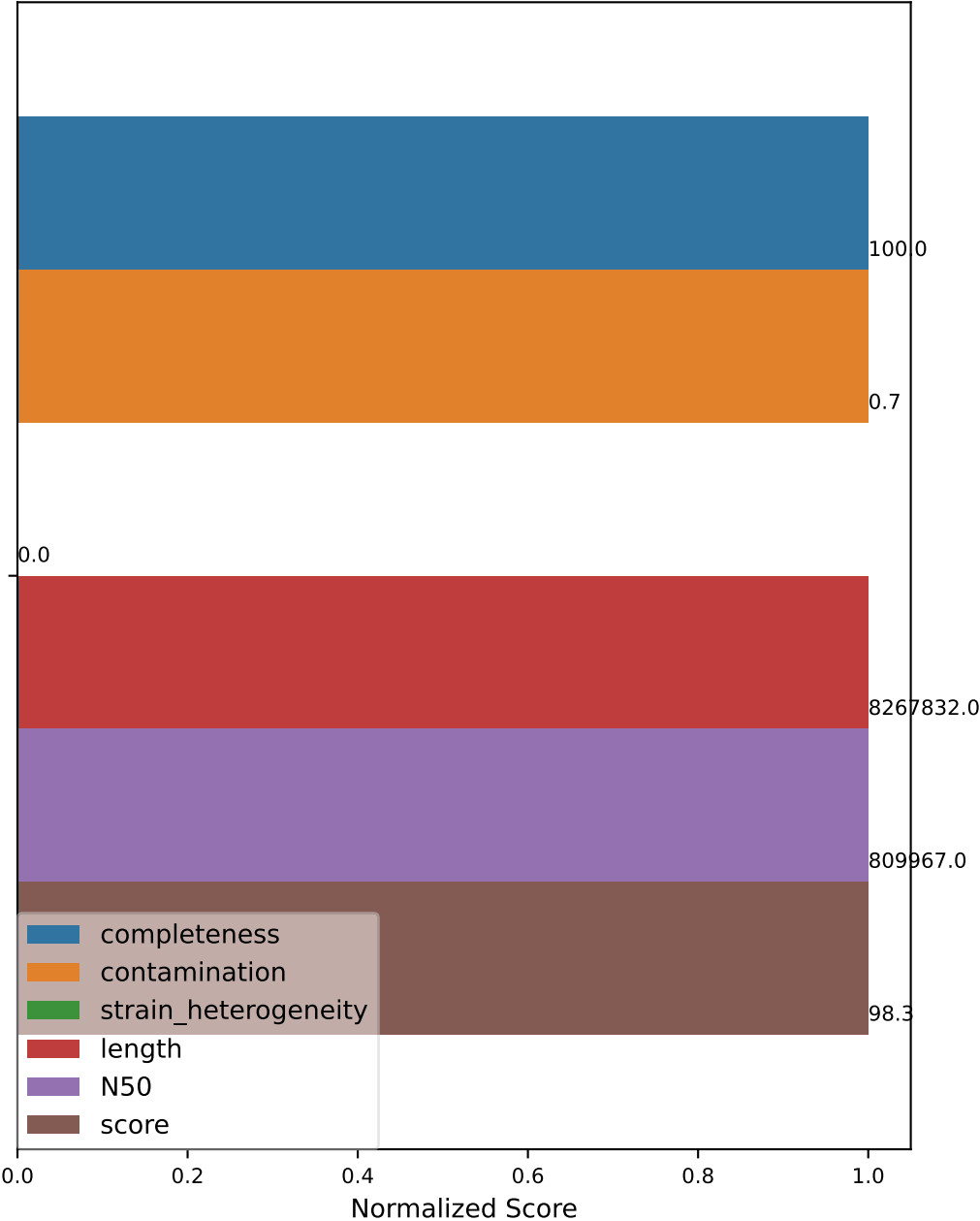
Scoring of cluster 39\_10



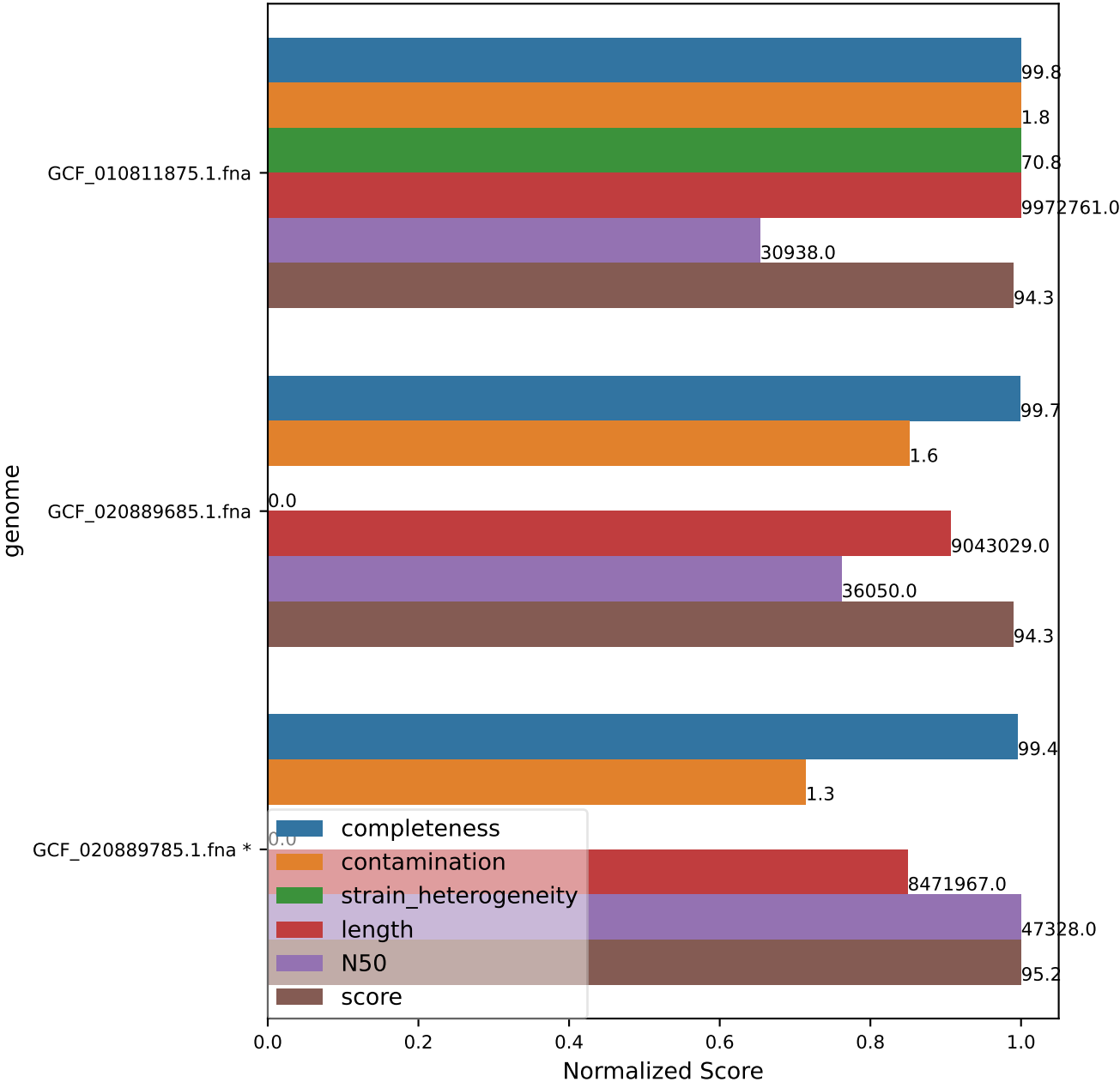
Scoring of cluster 39\_11

genome

GCF\_001189235.2.fna \*



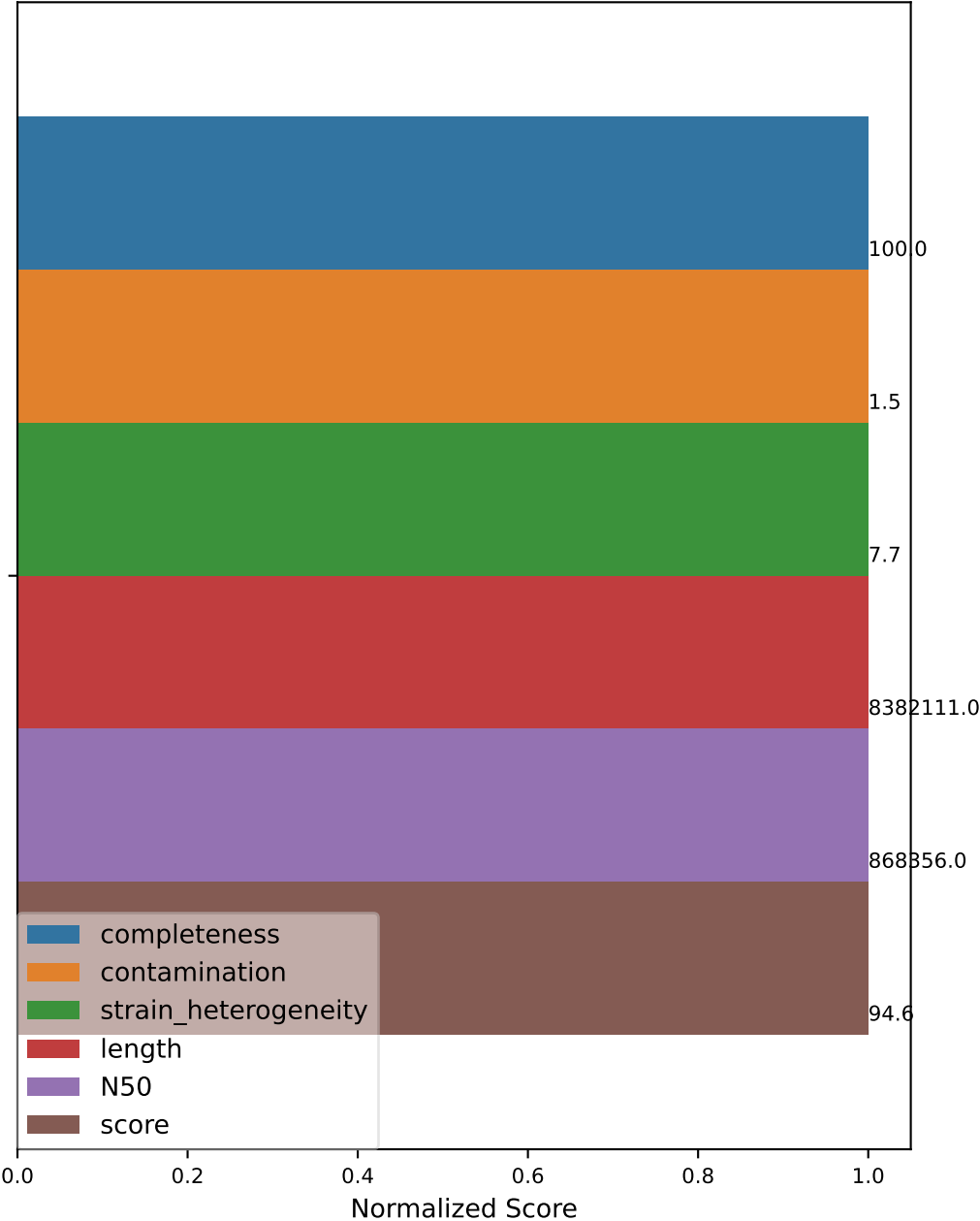
Scoring of cluster 39\_12



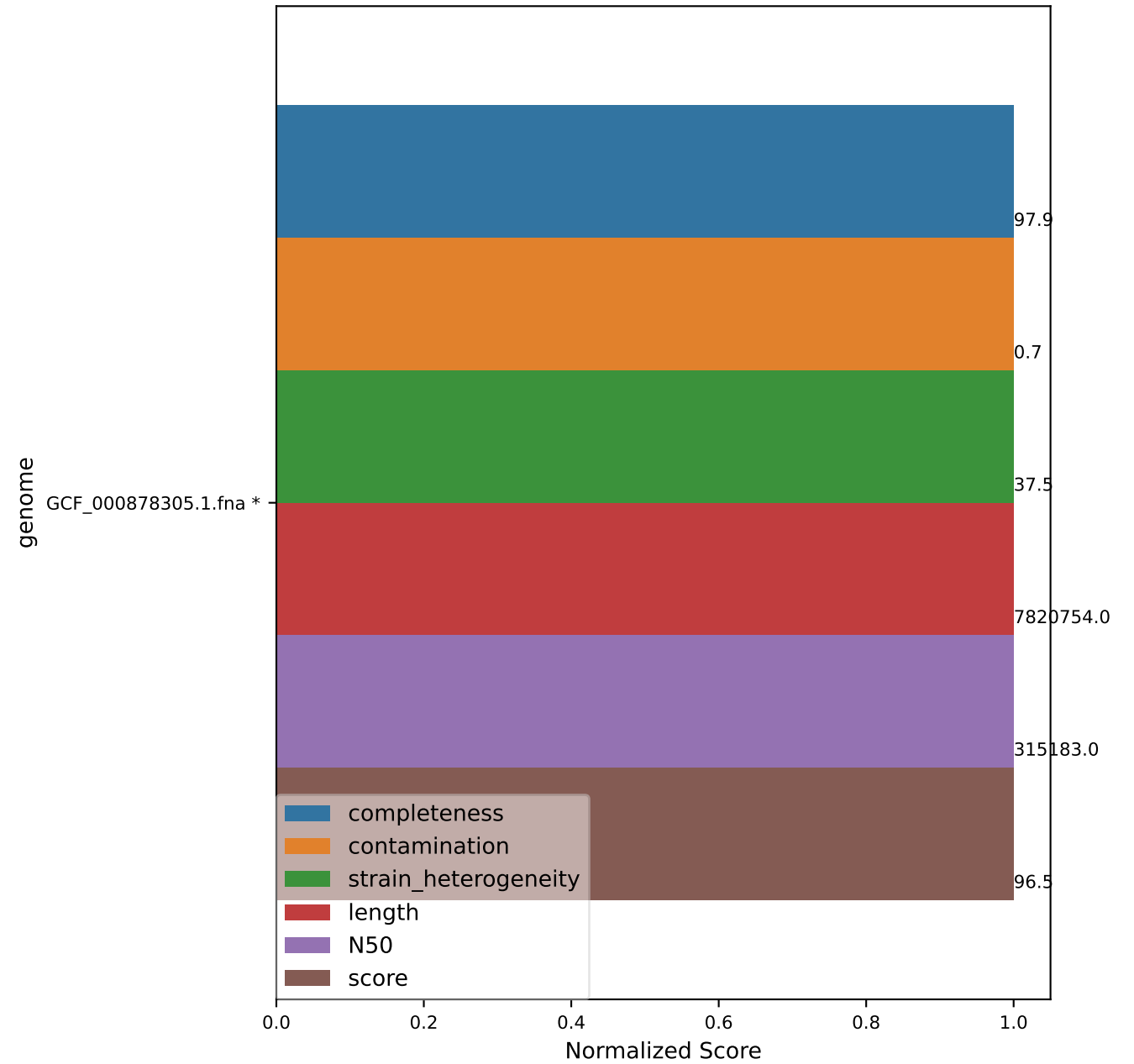
Scoring of cluster 39\_13

genome

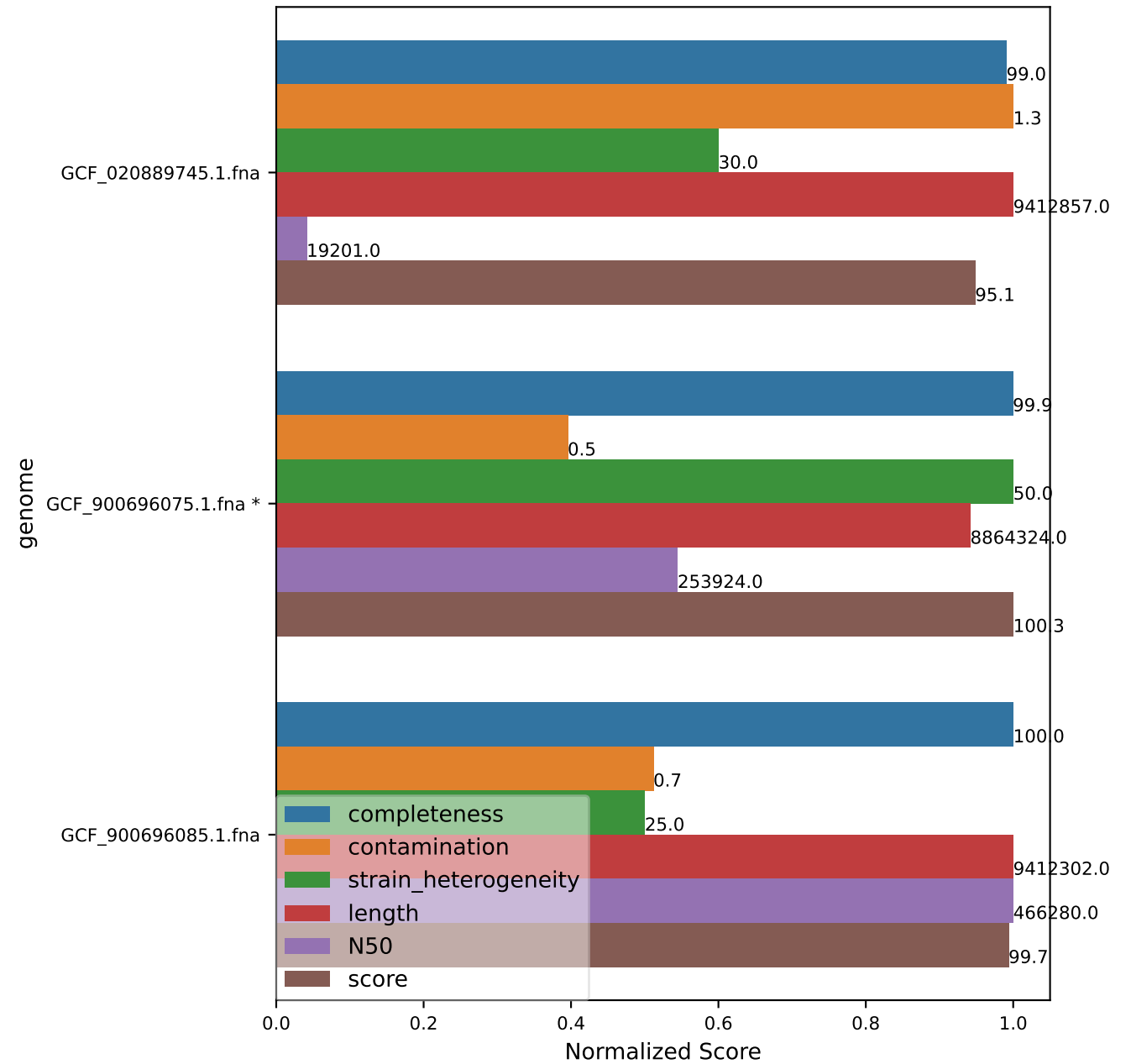
GCF\_018130545.1.fna \*



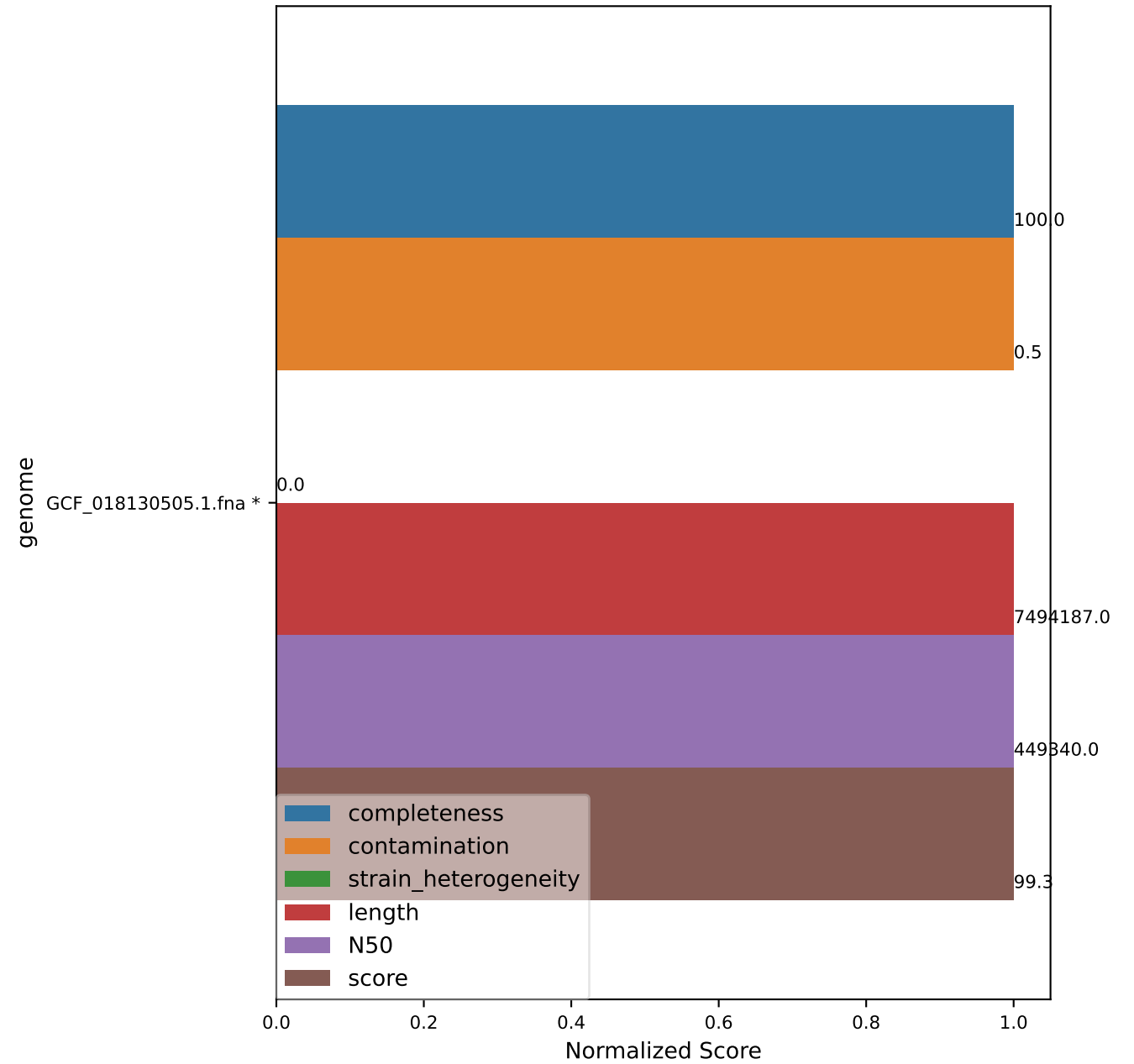
Scoring of cluster 40\_0



# Scoring of cluster 41\_1

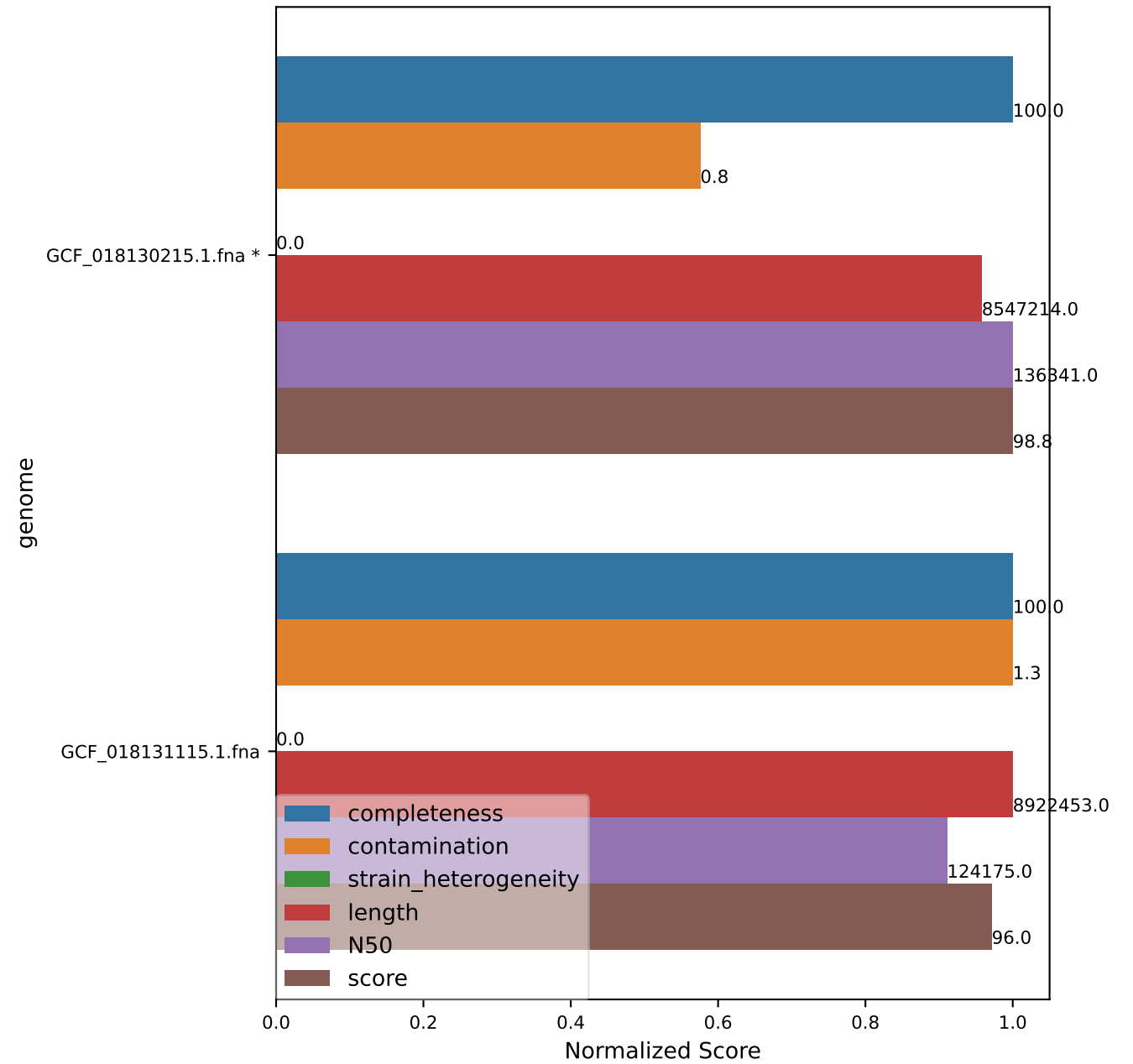


Scoring of cluster 42\_0

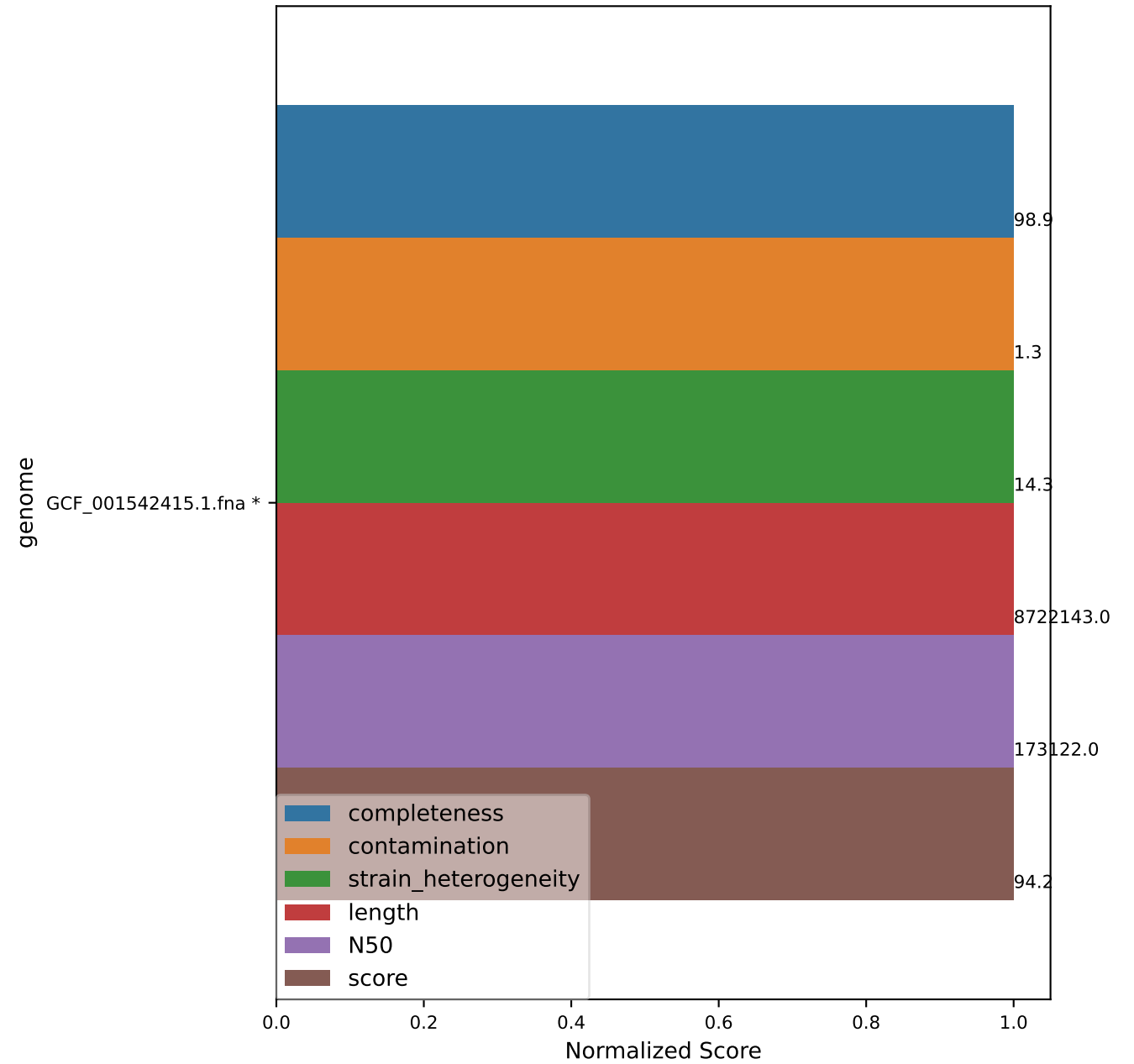




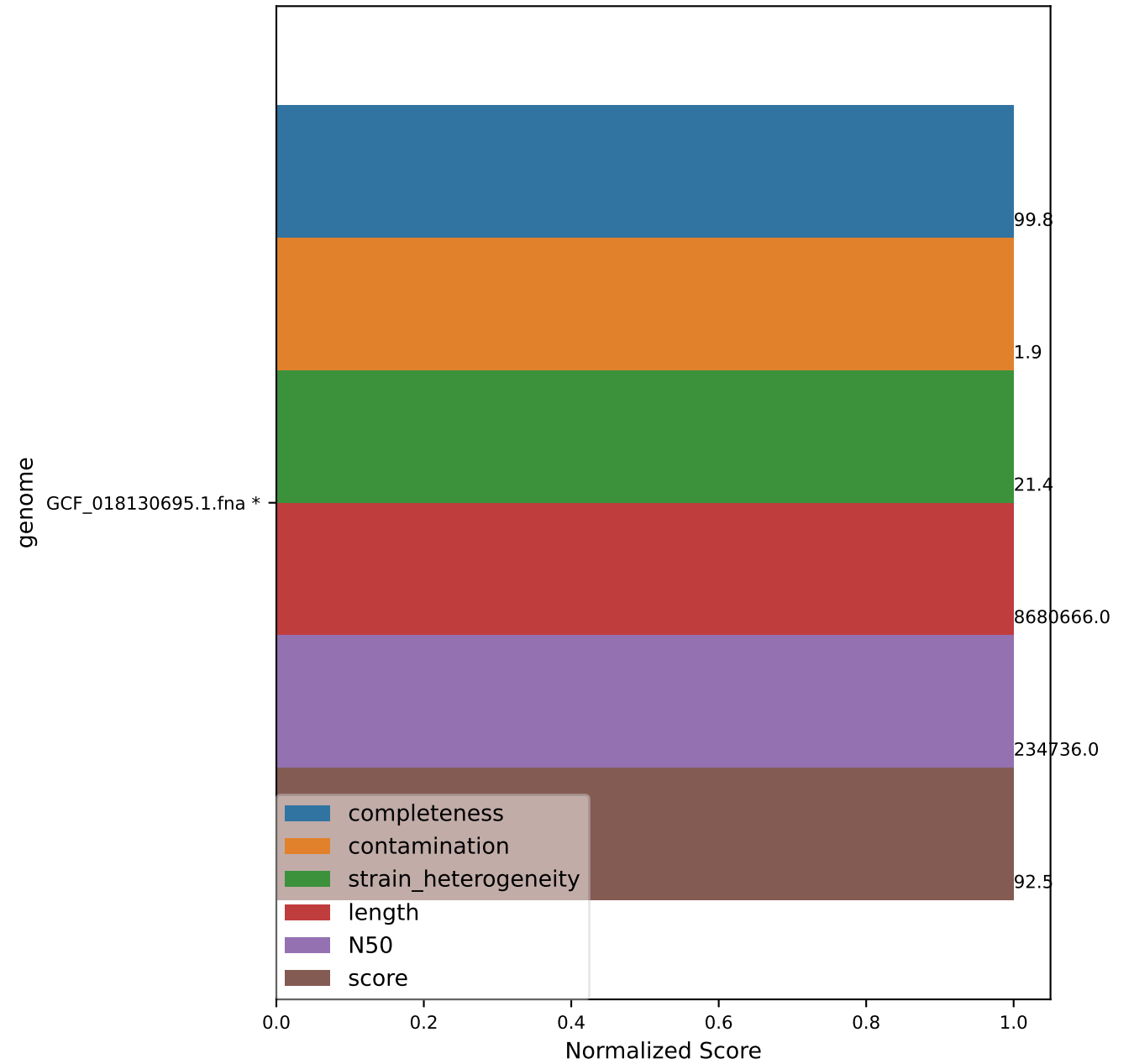
Scoring of cluster 43\_1



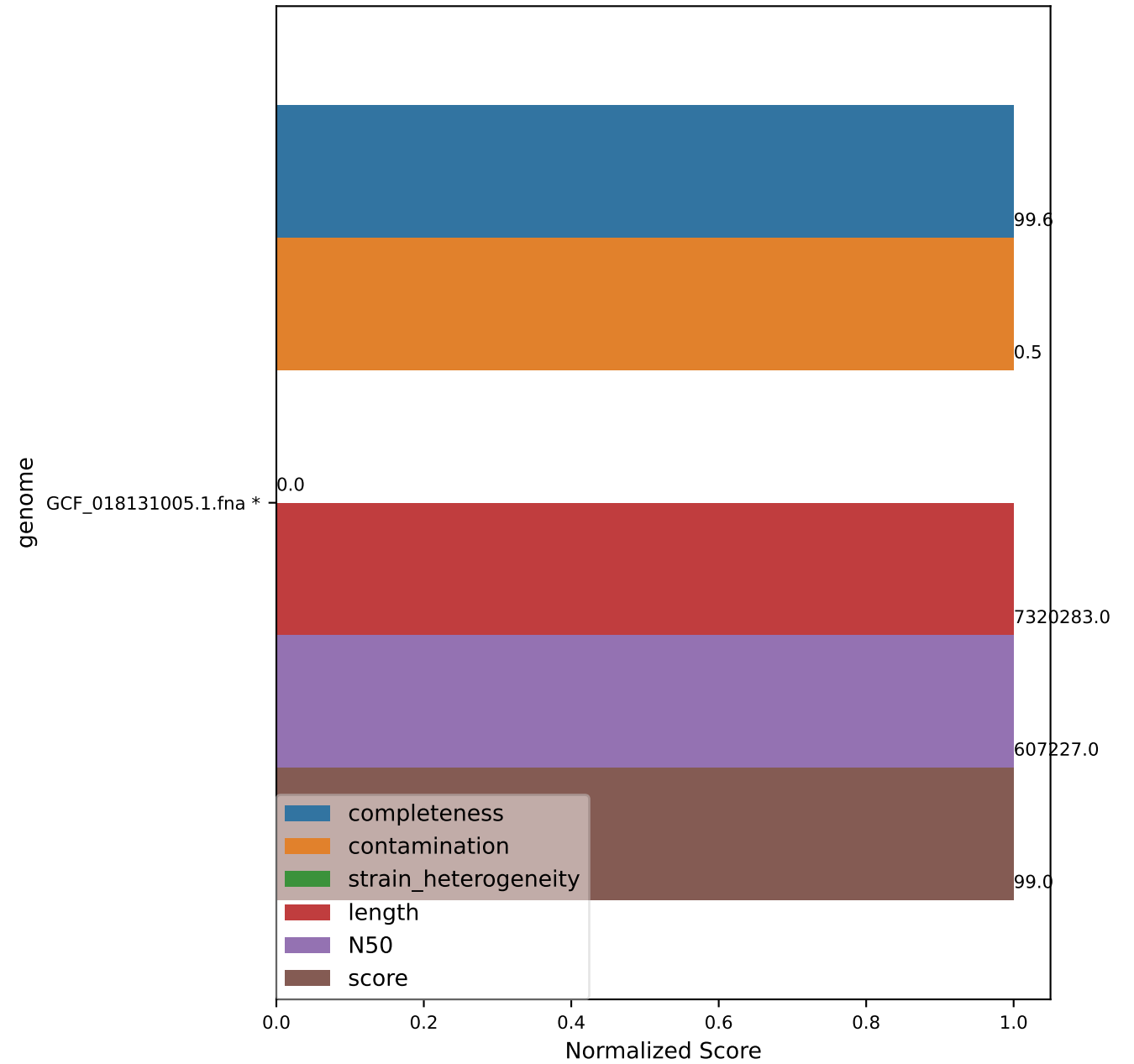
Scoring of cluster 44\_0



Scoring of cluster 45\_0



Scoring of cluster 46\_0



Scoring of cluster 47\_0

genome

GCF\_900142985.1.fna \*

