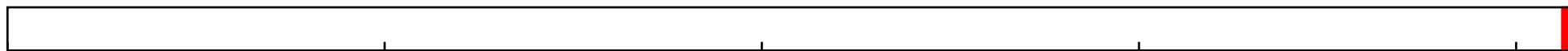


Telomere and Centromere location

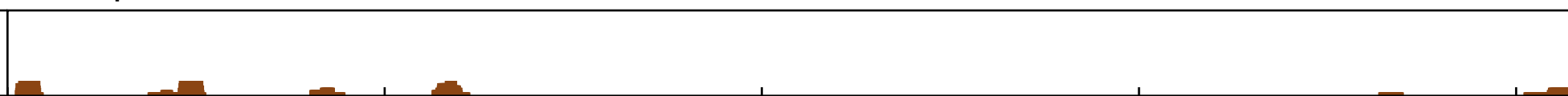
Chromosome I



Transposable elements / 50 kb

37

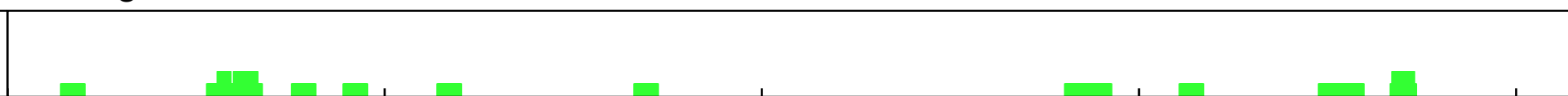
0



tRNA genes / 50 kb

7

0



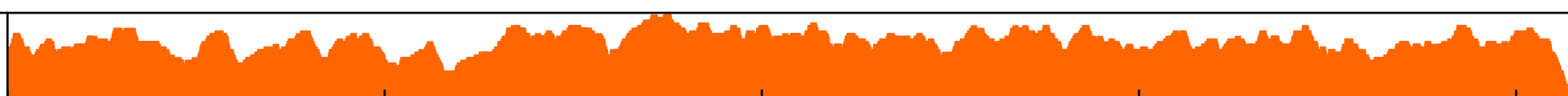
Recombination rate



Genes / 50 kb

32

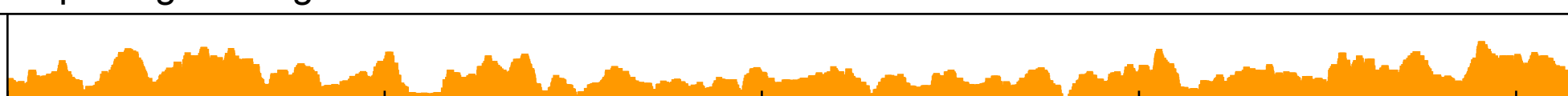
0



Orphan genes / genes / 50 kb

1

0



Orthologous genes / genes / 50 kb

1

0



Paralogous genes / genes / 50 kb

1

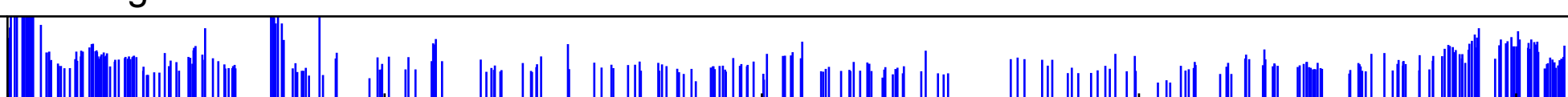
0



Paralogs 1/dS

1

0



FISH synteny blocks



0

1

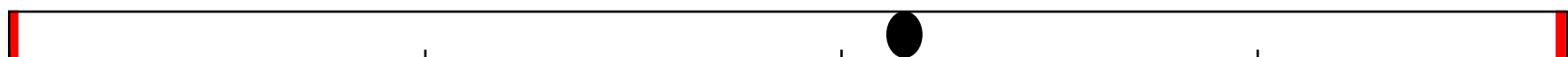
2

3

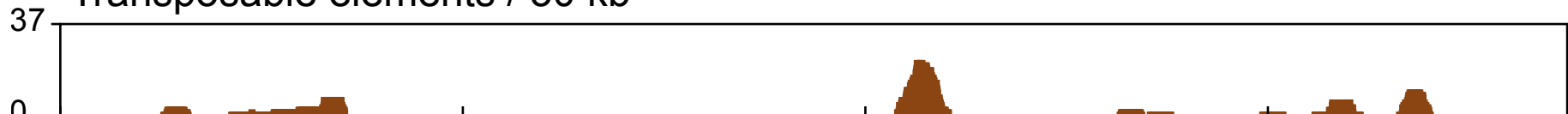
4

Telomere and Centromere location

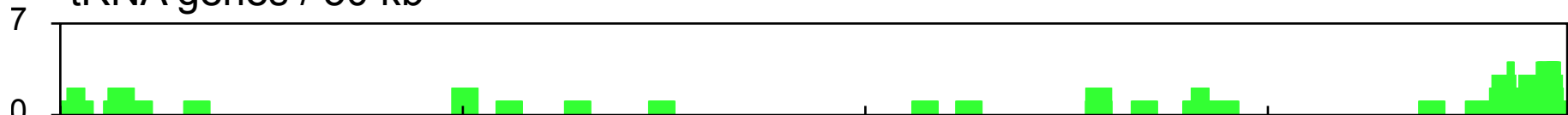
Chromosome II



Transposable elements / 50 kb



tRNA genes / 50 kb



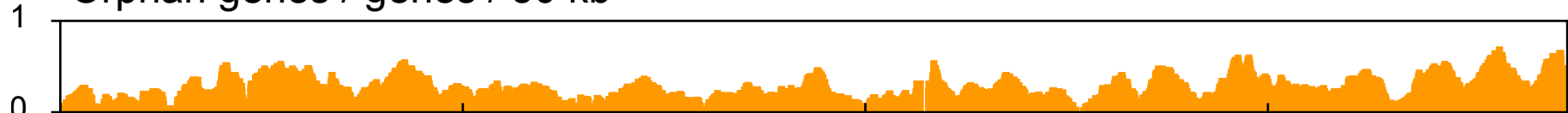
Recombination rate



Genes / 50 kb



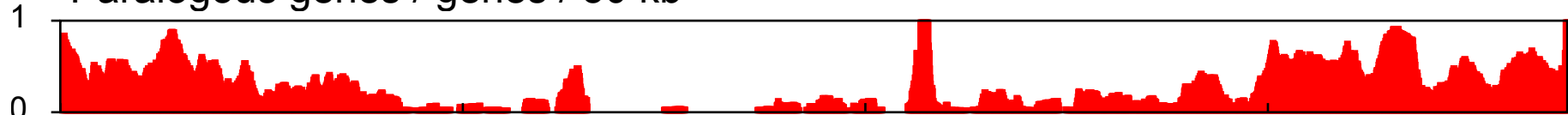
Orphan genes / genes / 50 kb



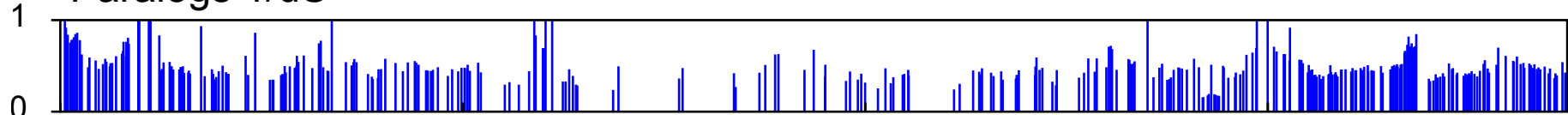
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks



0

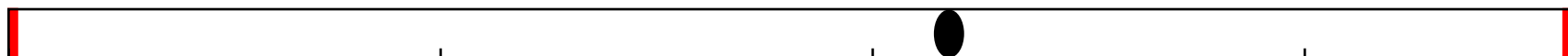
1

2

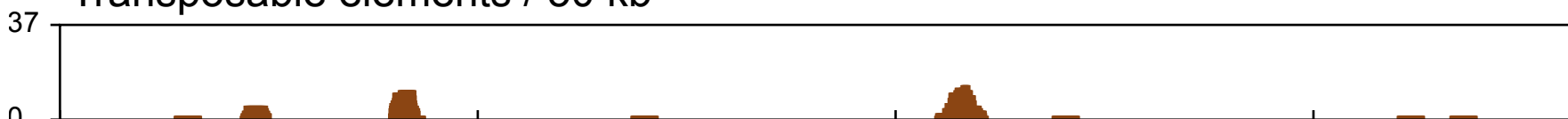
3

Telomere and Centromere location

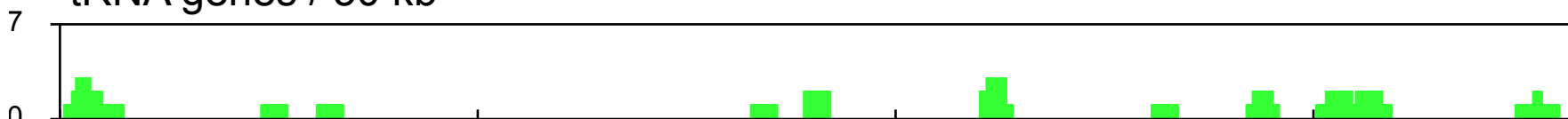
Chromosome III



Transposable elements / 50 kb



tRNA genes / 50 kb



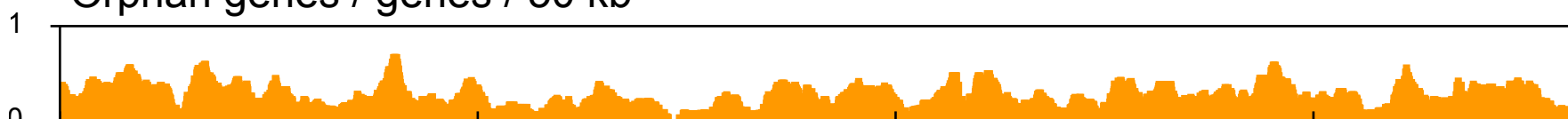
Recombination rate



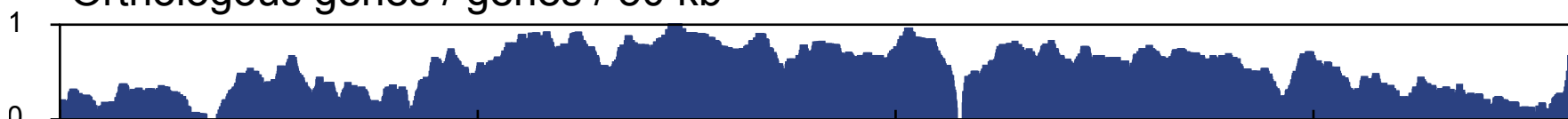
Genes / 50 kb



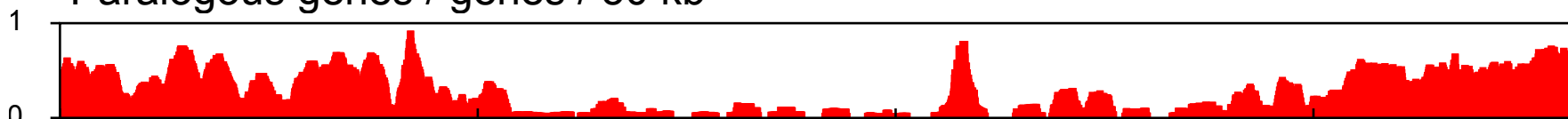
Orphan genes / genes / 50 kb



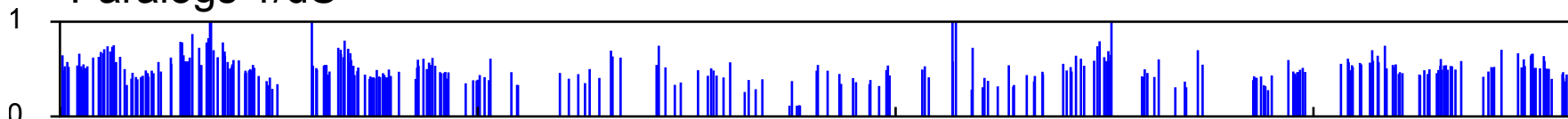
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks



0

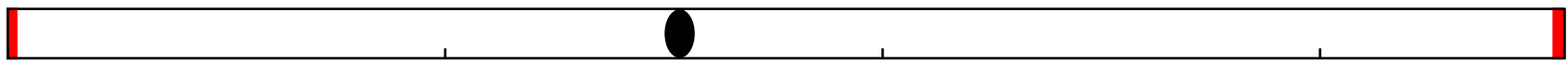
1

2

3

Telomere and Centromere location

Chromosome IV



Transposable elements / 50 kb



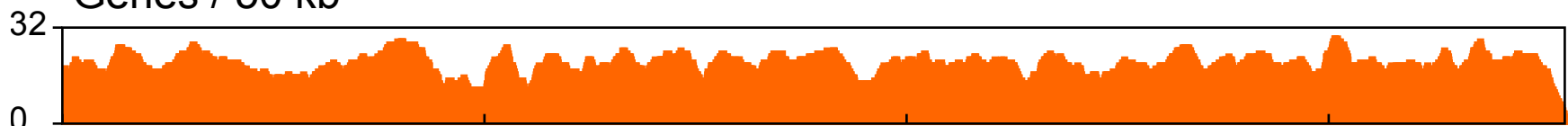
tRNA genes / 50 kb



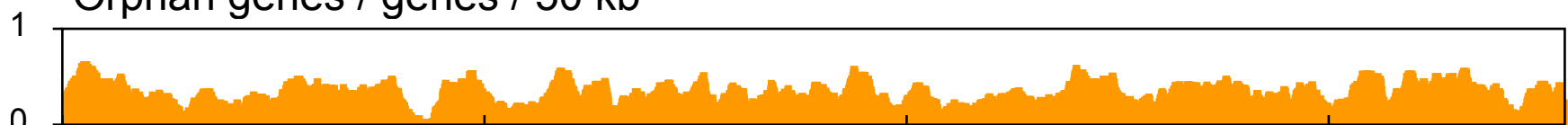
Recombination rate



Genes / 50 kb



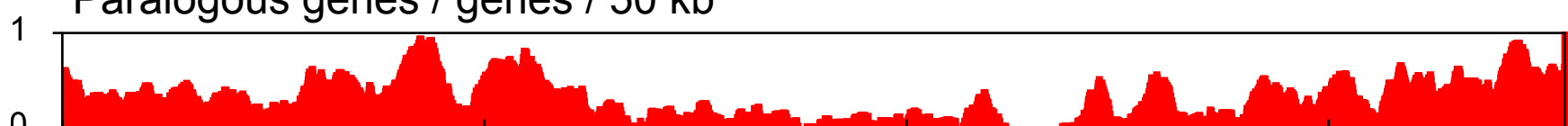
Orphan genes / genes / 50 kb



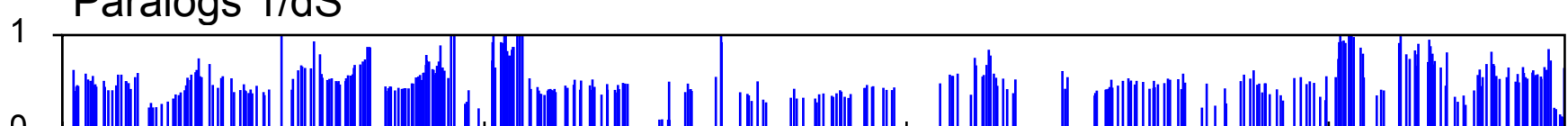
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks



0

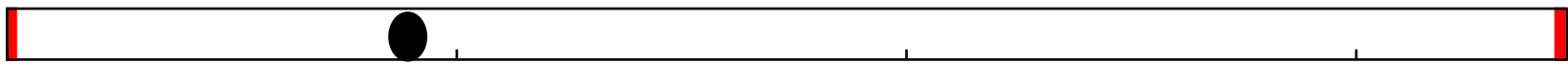
1

2

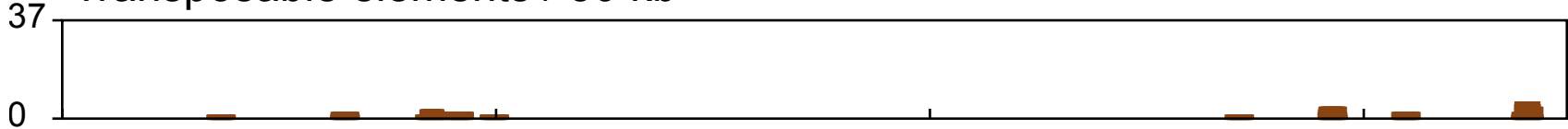
3

Telomere and Centromere location

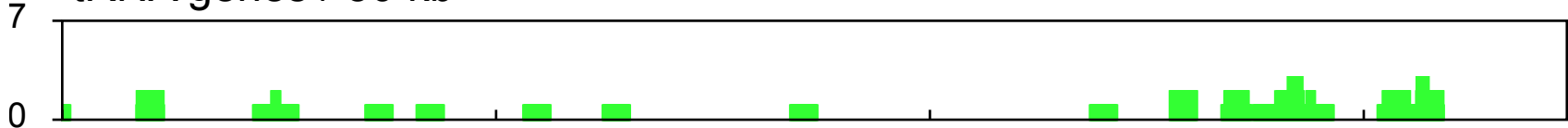
Chromosome V



Transposable elements / 50 kb



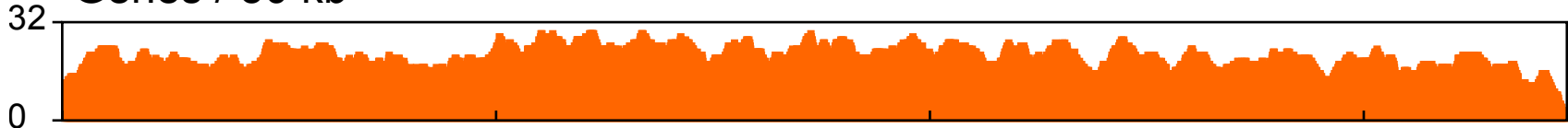
tRNA genes / 50 kb



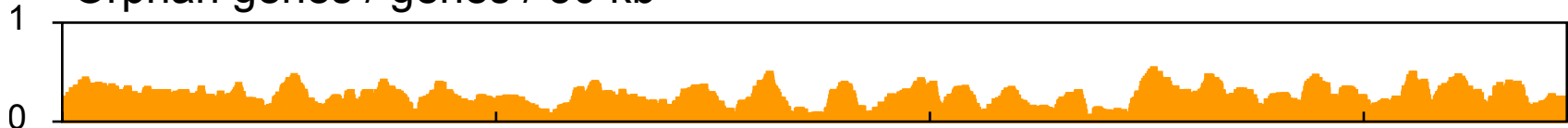
Recombination rate



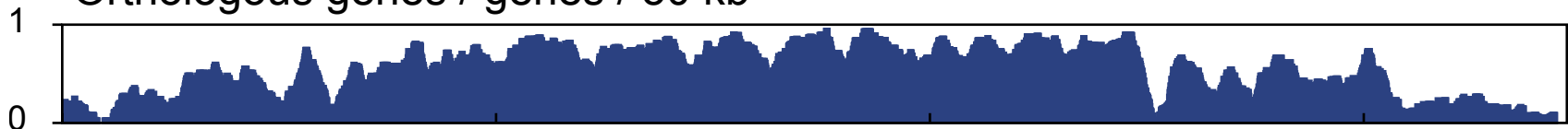
Genes / 50 kb



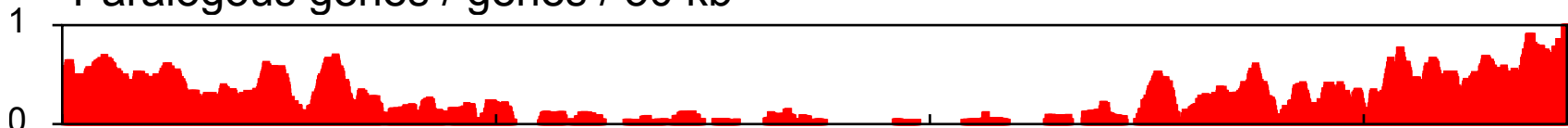
Orphan genes / genes / 50 kb



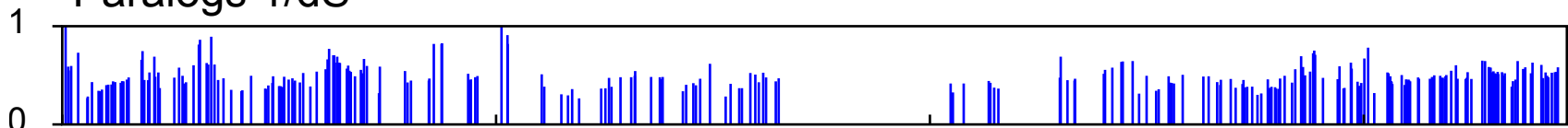
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks

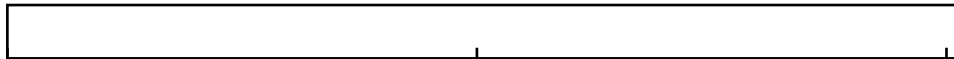


0 1 2 3

Telomere and Centromere

location

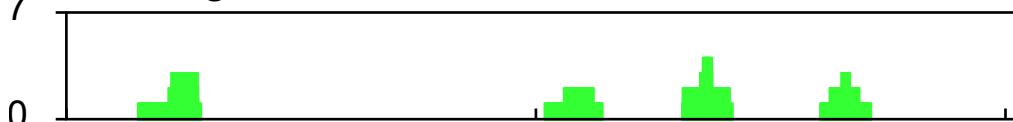
Chromosome VI



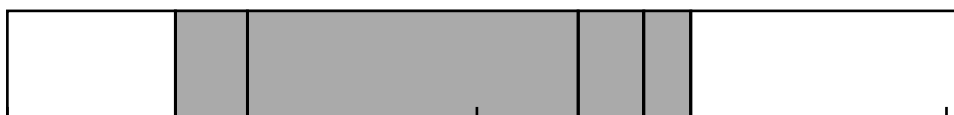
37
Transposable elements / 50 kb



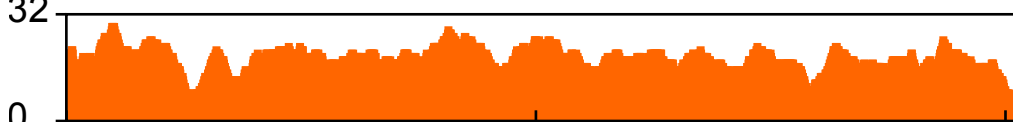
7
tRNA genes / 50 kb



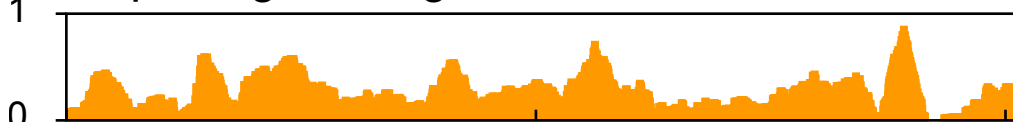
Recombination rate



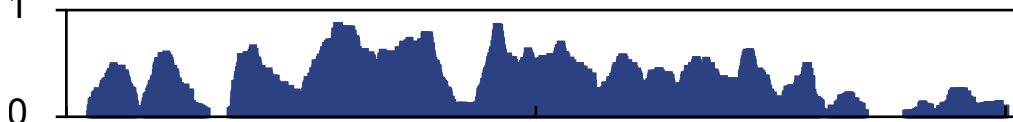
32
Genes / 50 kb



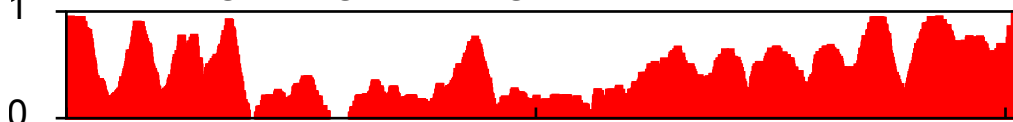
1
Orphan genes / genes / 50 kb



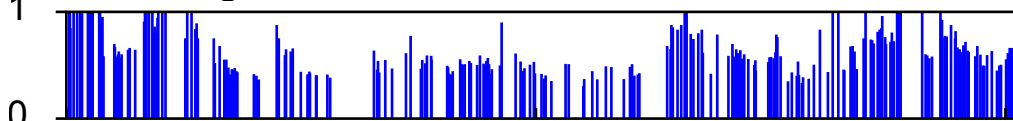
1
Orthologous genes / genes / 50 kb



1
Paralogous genes / genes / 50 kb



1
Paralogs 1/dS



FISH synteny blocks



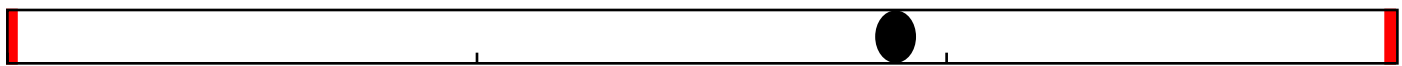
0

1

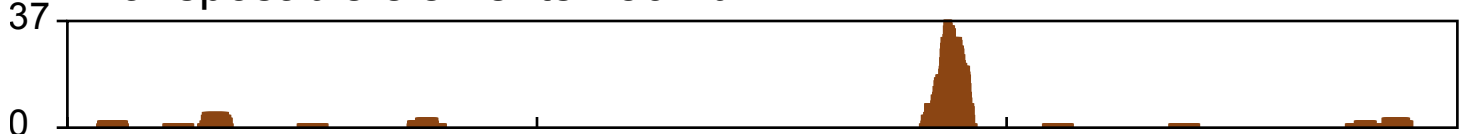
2

Telomere and Centromere location

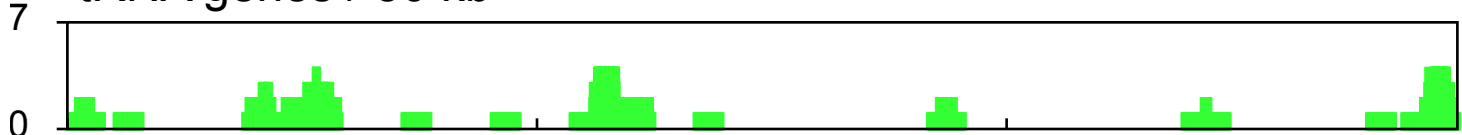
Chromosome VII



Transposable elements / 50 kb



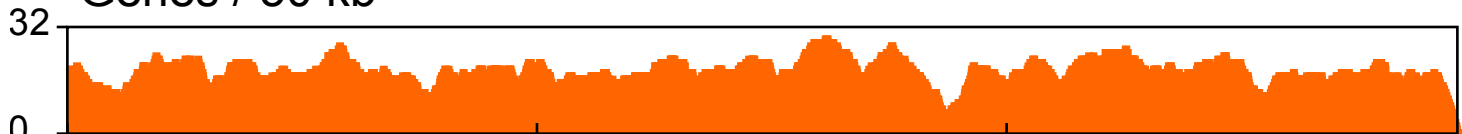
tRNA genes / 50 kb



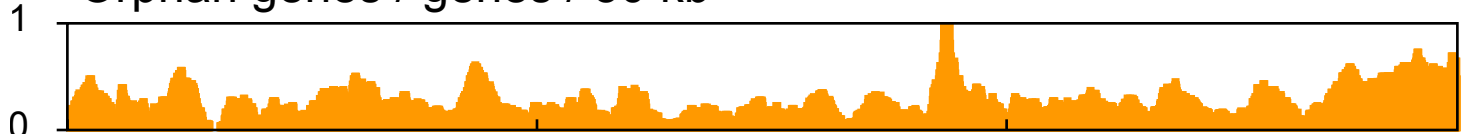
Recombination rate



Genes / 50 kb



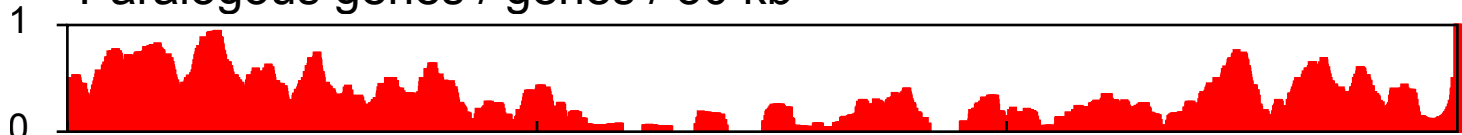
Orphan genes / genes / 50 kb



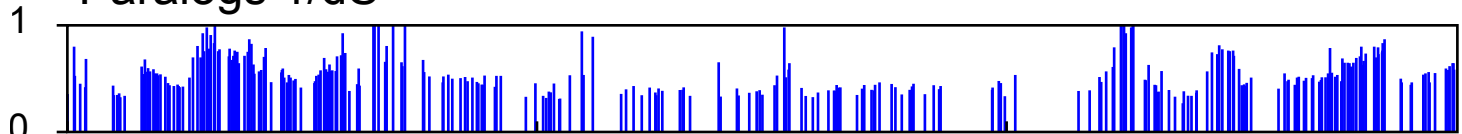
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



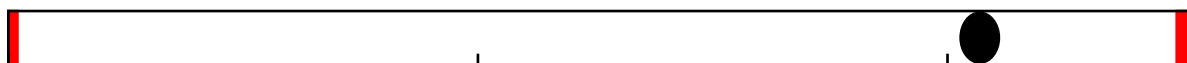
FISH synteny blocks



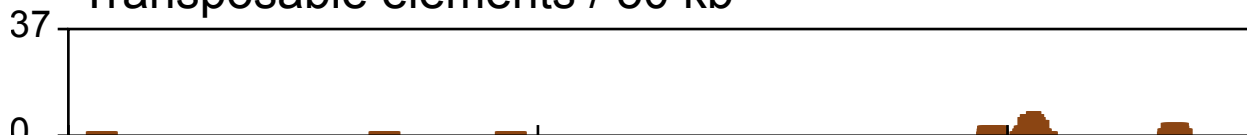
0 1 2

Telomere and Centromere location

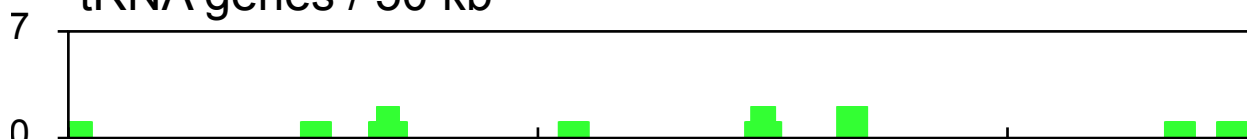
Chromosome VIII



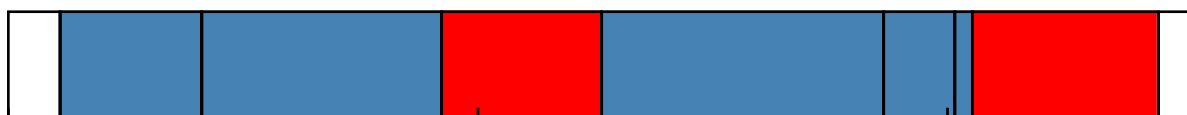
Transposable elements / 50 kb



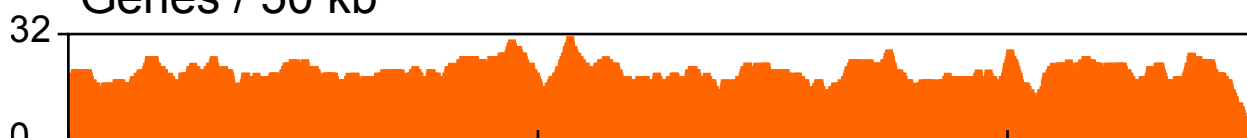
tRNA genes / 50 kb



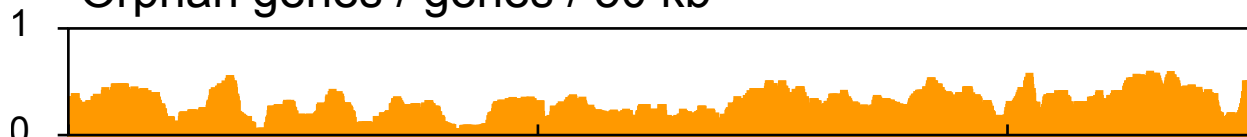
Recombination rate



Genes / 50 kb



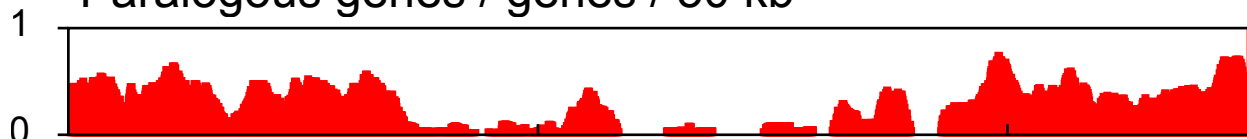
Orphan genes / genes / 50 kb



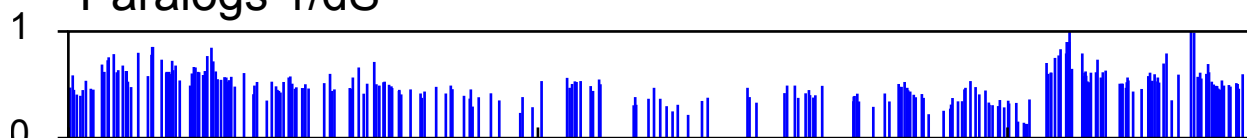
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS

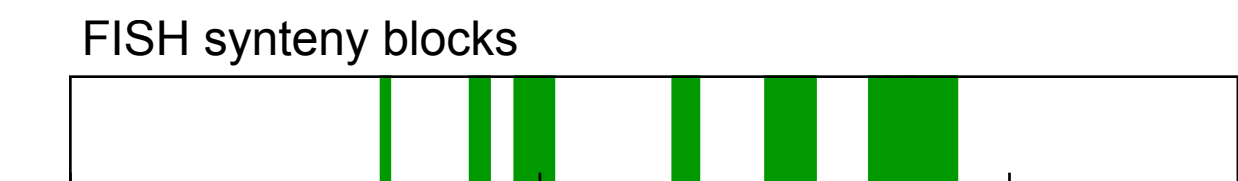
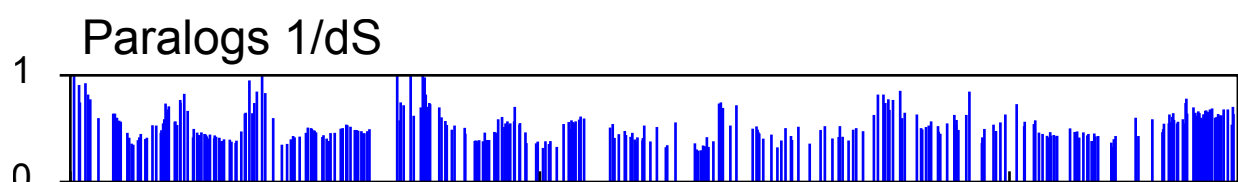
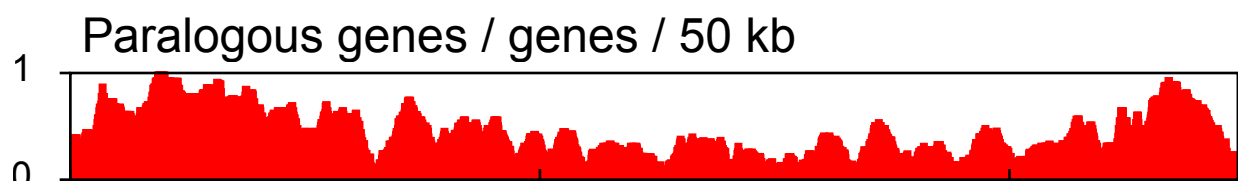
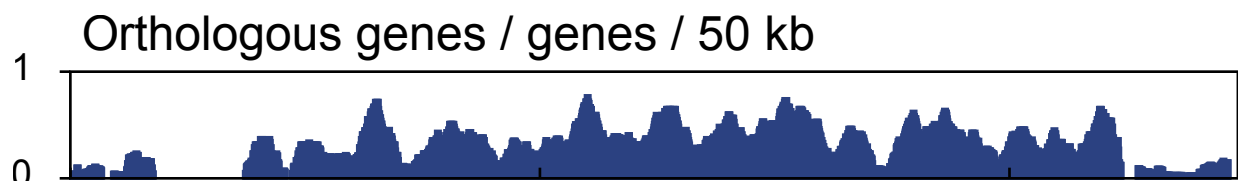
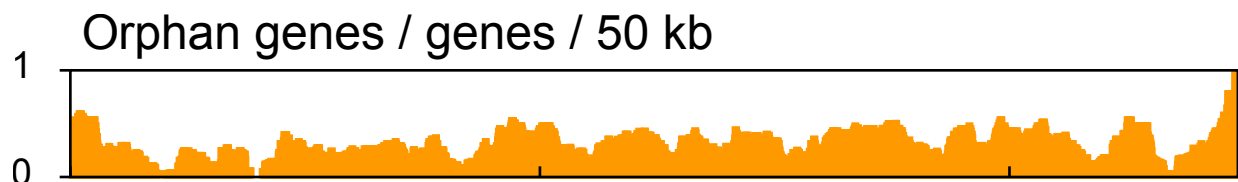
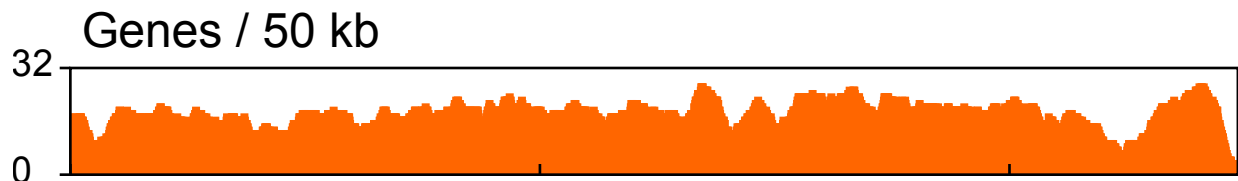
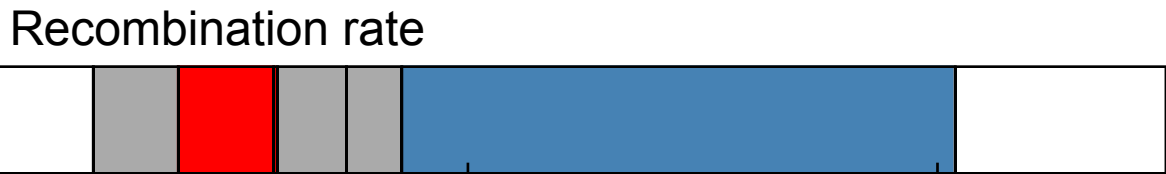
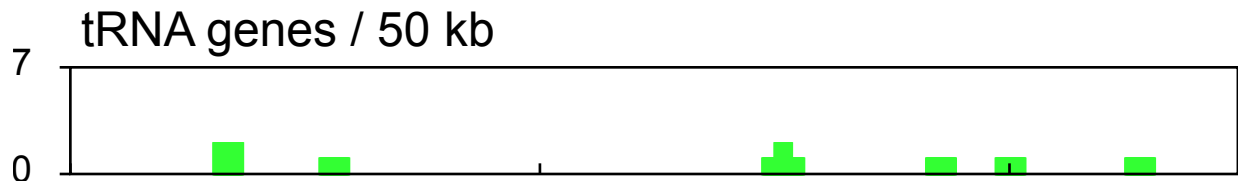
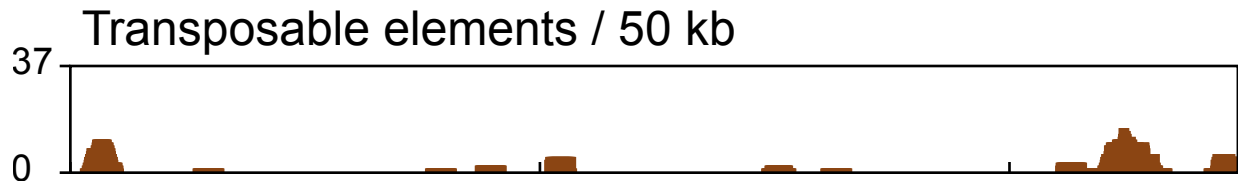


FISH synteny blocks



0 1 2

Telomere and Centromere location Chromosome IX



0

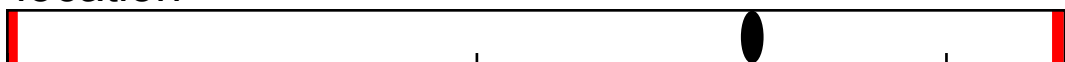
1

2

Telomere and Centromere

location

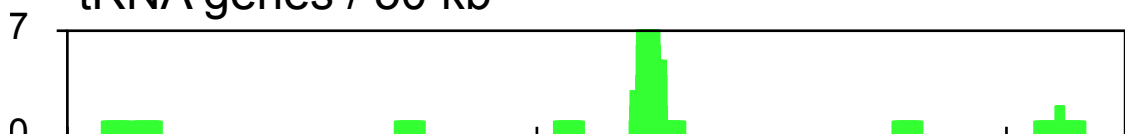
Chromosome X



Transposable elements / 50 kb



tRNA genes / 50 kb



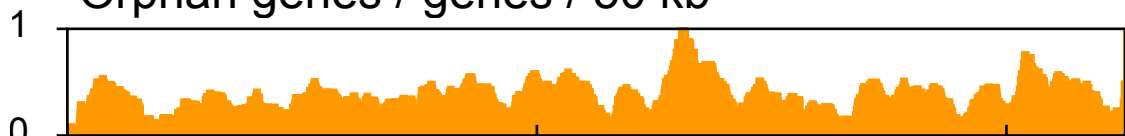
Recombination rate



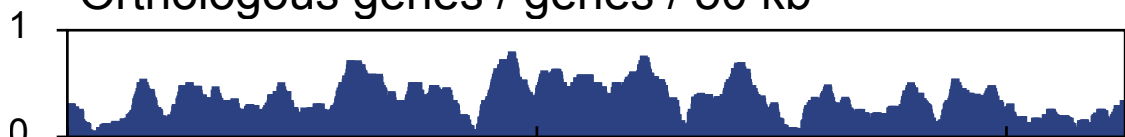
Genes / 50 kb



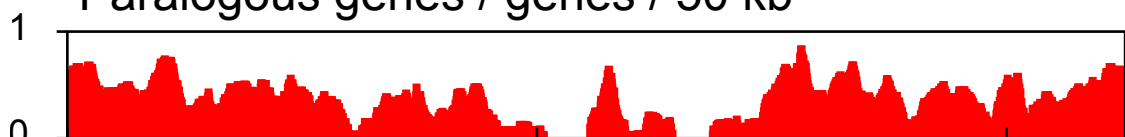
Orphan genes / genes / 50 kb



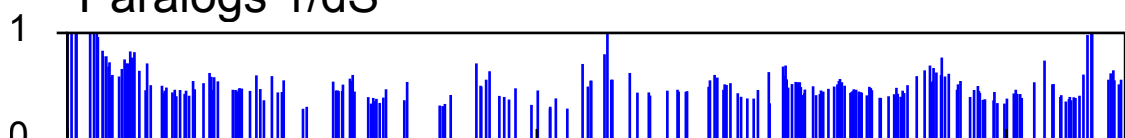
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks



0

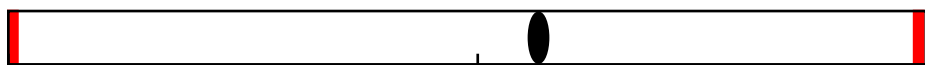
1

2

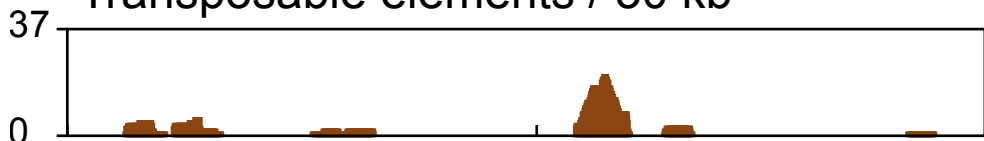
Telomere and Centromere

location

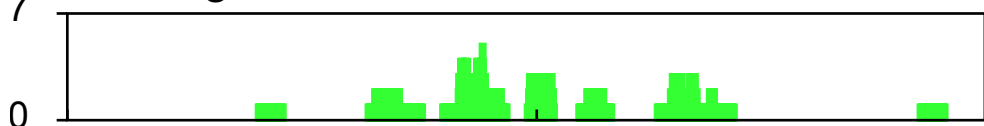
Chromosome XI



Transposable elements / 50 kb



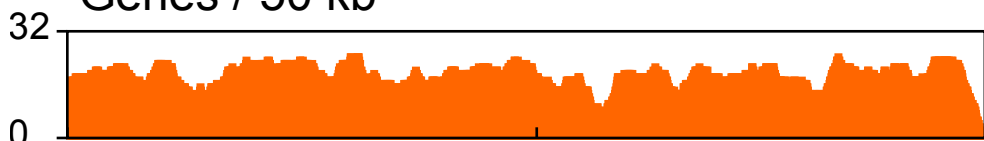
tRNA genes / 50 kb



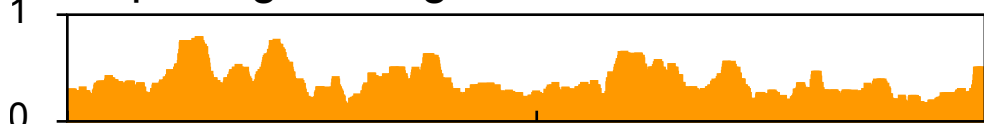
Recombination rate



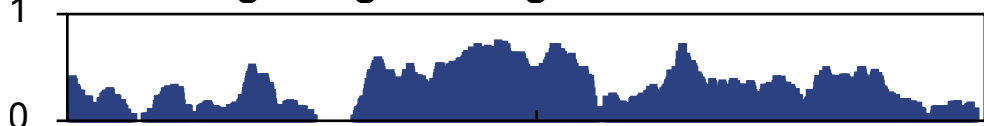
Genes / 50 kb



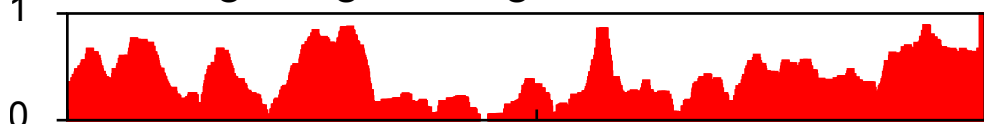
Orphan genes / genes / 50 kb



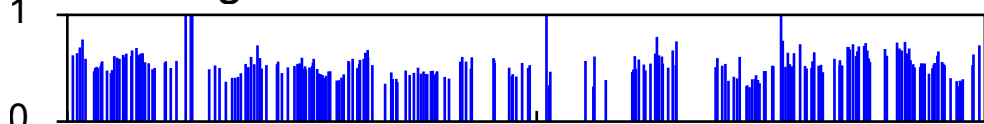
Orthologous genes / genes / 50 kb



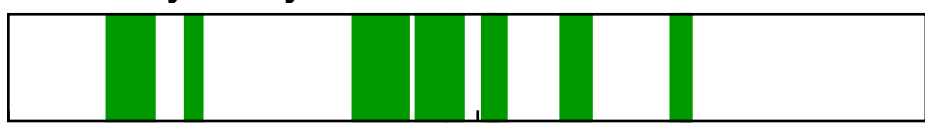
Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks



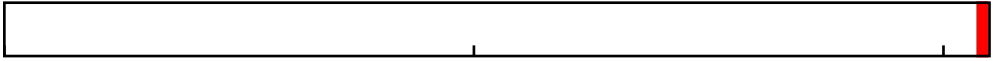
0

1

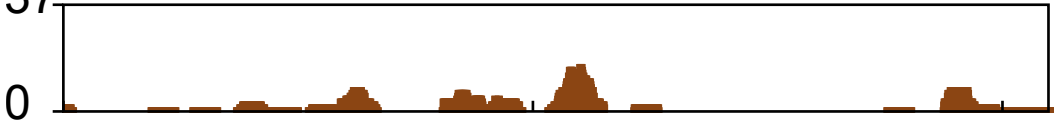
Telomere and Centromere

location

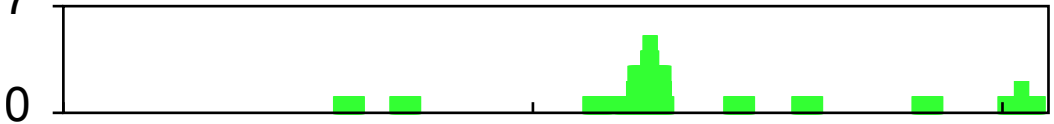
Chromosome XII



37 Transposable elements / 50 kb



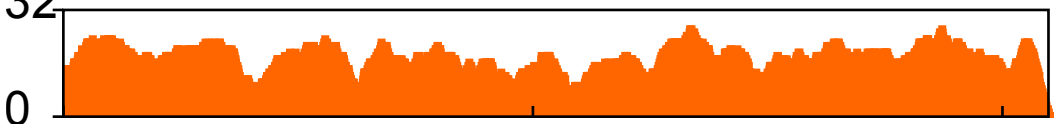
7 tRNA genes / 50 kb



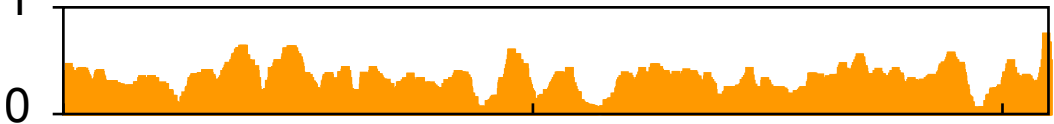
Recombination rate



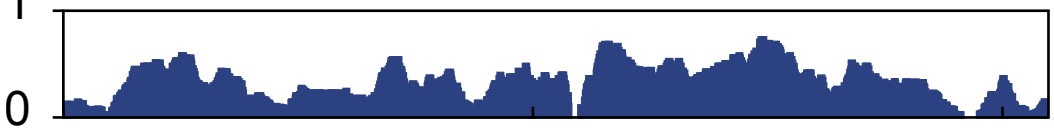
32 Genes / 50 kb



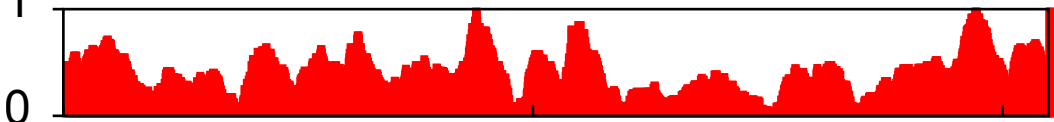
1 Orphan genes / genes / 50 kb



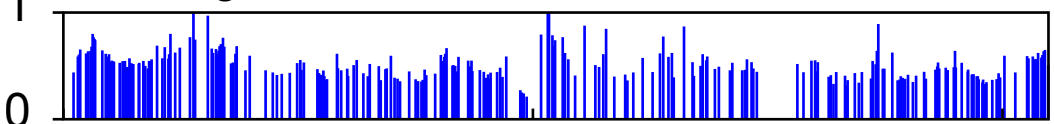
1 Orthologous genes / genes / 50 kb



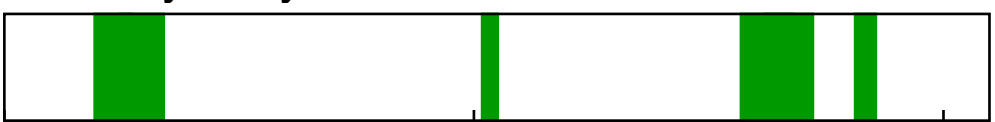
1 Paralogous genes / genes / 50 kb



1 Paralogs 1/dS



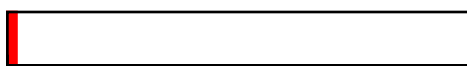
FISH synteny blocks



0 1 2

Chromosome XIII

Telomere and Centromere location



Transposable elements / 50 kb



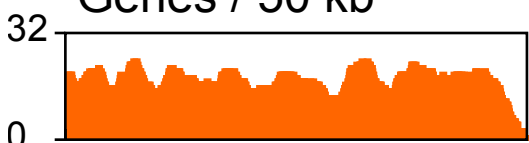
tRNA genes / 50 kb



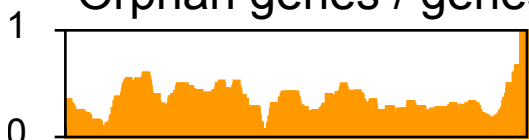
Recombination rate



Genes / 50 kb



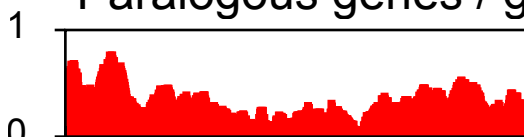
Orphan genes / genes / 50 kb



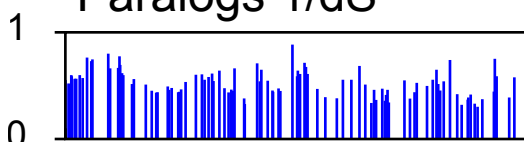
Orthologous genes / genes / 50 kb



Paralogous genes / genes / 50 kb



Paralogs 1/dS



FISH synteny blocks



0