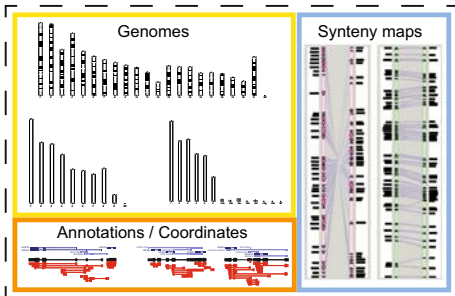


a)



Genes:

Hoxa5/Hoxb5	Hoxa5(+)	HOXA5(+)
Hoxa6	Hoxa6(+)	HOXA6(+)
<unknown>	HOXA-AS3(+)	Hoxa6(-)
	HOXA6(-)	

Transcripts:

Hoxa5/Hoxb5.1	Hoxa5.1 (full+)
	HOXA5.1 (full+)
Hoxa5/Hoxb5.2	Hoxa5.1 (part+)
	HOXA5.1 (part+)

Exons: (Hoxa5/Hoxb5):

exon1	chr7: 27182665-27183287
	chr7: 27182665-27183287
exon2	chr7: 27180671-27181704
	chr7: 27180671-27181704

b)

