Read Maps (nucleotide coordinates) FBti0019486 FBti0019486 FBti0019486 sample1.srbowtie\_out FBti0019489 FBti0019489 FBti0019489 sample1.srbowtie\_out sample2.srbowtie\_out -0.50.0 0.5 0.6 0.8 1.0 1.2 1.4 66.6 66.8 67.2 67.4 0.6 0.8 1.0 1.2 1.4 67.0 FBti0019492 FBti0019492 FBti0019492 sample1.srbowtie out sample2.srbowtie out sample3.srbowtie out FBti0019493 FBti0019493 FBti0019493 sample2.srbowtie out sample1.srbowtie out sample3.srbowtie out -40-20 0 Number of reads FBti0019494 FBti0019494 FBti0019494 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out  $^{\circ}$ 700 0 FBti0019495 FBti0019495 FBti0019495 sample1.srbowtie out sample2.srbowtie\_out sample3.srbowtie out 8145.6 8145.8 8146.0 8146.2 8146.4 FBti0019499 FBti0019499 FBti0019499 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out -5 FBti0019500 FBti0019500 FBti0019500  $\Pi$ 

## Read Maps (nucleotide coordinates) FBti0019501 FBti0019501 FBti0019501 sample1.srbowtie\_out sample3.srbowtie\_out 383.6 383.8 384.0 384.2 384.4 500 550 600 650 700 600 650 700 FBti0019502 FBti0019502 FBti0019502 9 200 1000 200 800 1000 1000 0 400 600 800 400 600 200 400 600 800 FBti0019503 FBti0019503 FBti0019503 sample1.srbowtie out sample2.srbowtie out 30 20 9 100 300 O 300 4000 400 200 100 200 100 200 300 FBti0019504 FBti0019504 FBti0019504 sample2.srbowtie out sample1.srbowtie\_out sample3.srbowtie\_out Number of reads 1000 1500 2000 2500 3000 0 500 1000 1500 2000 2500 3000 0 500 500 1000 1500 2000 2500 3000 FBti0019507 FBti0019507 FBti0019507 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out П 200 400 600 800 10000 200 400 600 800 1000 0 200 400 600 800 1000 FBti0019509 FBti0019509 FBti0019509 sample2.srbowtie out 20 200 400 1000 12000 200 400 600 800 1000 1200 200 400 600 800 1000 FBti0019511 FBti0019511 FBti0019511 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out 46.6 1389.6 1389.8 1390.0 1390.2 1390.4 95.6 95.8 96.0 96.2 96.4 46.8 47.0 47.2 FBti0019512 FBti0019512 FBti0019512 sample2.srbowtie\_out 0.6 0.8 1.0 1.4 216.6 216.8 217.0 20 25 30 1.2 217.2 217.4

## Read Maps (nucleotide coordinates) FBti0019514 FBti0019514 sample1.srbowtie\_out sample3.srbowtie\_out 336.6 336.8 337.0 337.2 337.4 FBti0019515 FBti0019515 FBti0019515 sample3.srbowtie\_out ш 2500 0 FBti0019516 FBti0019516 FBti0019516 sample1.srbowtie out sample2.srbowtie out sample3.srbowtie out n FBti0019517 FBti0019517 FBti0019517 sample3.srbowtie\_out sample1.srbowtie out sample2.srbowtie out Number of reads FBti0019518 FBti0019518 FBti0019518 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out 800 400 FBti0019519 FBti0019519 FBti0019519 sample1.srbowtie out sample2.srbowtie\_out 2200 1200 FBti0020395 FBti0020395 FBti0020395 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out FBti0020396 FBti0020396 FBti0020396 sample1.srbowtie\_out sample2.srbowtie\_out -0.50.0 0.5 0.6 0.8 1.0 1.4 0.6 0.8 1.0 1.4 633.6 633.8 634.0 634.2 634.4 1.2 1.2

## Read Maps (nucleotide coordinates) FBti0020398 FBti0020398 sample1.srbowtie\_out 11-1 FBti0020400 FBti0020400 sample1.srbowtie\_out FBti0020401 FBti0020401 FBti0020401 sample1.srbowtie out sample2.srbowtie out 1000 2000 3000 4000 5000 6000 1000 2000 3000 4000 5000 6000 0 FBti0020402 FBti0020402 FBti0020402 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out Ш Number of reads 1000 2000 3000 4000 5000 6000 FBti0020403 FBti0020403 FBti0020403 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out $\parallel$ П П П Ш 1000 0 FBti0020404 FBti0020404 FBti0020404 FBti0020405 FBti0020405 FBti0020405 sample1.srbowtie\_out sample2.srbowtie\_out sample3.srbowtie\_out က FBti0020406 FBti0020406 FBti0020406 sample1.srbowtie\_out

## Read Maps (nucleotide coordinates)

