

Mai 03, 05 15:30 9_98_2_testEncode.augustus.abinitio_1114441756.gtf.withStop.eval Seite 1/10

Di Mai 3 15:30:38 CEST 2005

****Summary Stats****

Annotation: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list
 Predictions: /home/mario/human/encode/testEncode/allpredictions/9_98_2_testEncode.augustus.abinitio_1114441756.gtf.withStop.dir/prediction_list

Gene Sensitivity	24.41%
Gene Specificity	17.22%
Transcript Sensitivity	12.38%
Transcript Specificity	17.22%
Exon Sensitivity	52.05%
Exon Specificity	62.71%
Nucleotide Sensitivity	77.90%
Nucleotide Specificity	74.48%

****General Stats****

Predictions: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list /home/mario/human/encode/testEncode/allpredictions/9_98_2_testEncode.augustus.abinitio_1114441756.gtf.withStop.dir/prediction_list
 Gene

Gene			
All			
Count	295.00	418.00	
Total Transcripts	711.00	418.00	
Transcripts Per	2.41	1.00	
Transcript			
All			
Count	711.00	418.00	
Average Length	27411.48	8970.41	
Total Length	19489560.00	3749632.00	
Average Coding Length	1288.69	1105.48	
Total Coding Length	916261.00	462089.00	
Average Score	0.00	0.00	
Total Score	0.00	0.00	
Exons Per	8.12	5.50	
Total Exons	5773.00	2301.00	
Complete			
Count	0.00	0.00	
Average Length	0.00	0.00	
Total Length	0.00	0.00	
Average Coding Length	0.00	0.00	
Total Coding Length	0.00	0.00	
Average Score	0.00	0.00	
Total Score	0.00	0.00	
Exons Per	0.00	0.00	
Total Exons	0.00	0.00	
Incomplete			
Count	711.00	418.00	
Average Length	27411.48	8970.41	
Total Length	19489560.00	3749632.00	
Average Coding Length	1288.69	1105.48	
Total Coding Length	916261.00	462089.00	
Average Score	0.00	0.00	
Total Score	0.00	0.00	
Exons Per	8.12	5.50	
Total Exons	5773.00	2301.00	
Exon			
All			

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Count	2782.00	2301.00
Average Length	175.10	200.82
Total Length	487140.00	462089.00
Average Score	0.00	0.00
Total Score	0.00	0.00
Initial		
Count	0.00	0.00
Average Length	0.00	0.00
Total Length	0.00	0.00
Average Score	0.00	0.00
Total Score	0.00	0.00
Internal		
Count	2723.00	2199.00
Average Length	159.59	177.10
Total Length	434561.00	389435.00
Average Score	0.00	0.00
Total Score	0.00	0.00
Terminal		
Count	0.00	0.00
Average Length	0.00	0.00
Total Length	0.00	0.00
Average Score	0.00	0.00
Total Score	0.00	0.00
Single		
Count	59.00	102.00
Average Length	891.17	712.29
Total Length	52579.00	72654.00
Average Score	0.00	0.00
Total Score	0.00	0.00
Intron		
Count	2364.00	1883.00
Average Length	4087.77	1745.91
Total Length	9663479.00	3287543.00
Average Score	0.00	0.00
Total Score	0.00	0.00
Nuc		
All		
Count	487140.00	462089.00
Initial		
Count	0.00	0.00
Internal		
Count	434561.00	389435.00
Terminal		
Count	0.00	0.00
Single		
Count	52579.00	72654.00
Intron		
Count	9663479.00	3287543.00
Signal		
Splice Acceptor		
Count	2723.00	2199.00
Splice Donor		
Count	2723.00	2199.00
Start Codon		
Count	0.00	0.00
Stop Codon		
Count	0.00	0.00

****Detailed Stats****

Annotation: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list

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Predictions: /home/mario/human/encode/testEncode/all
 predictions/9_98_2_testEncode.augustus.abinitio_1114441756.gtf.withStop.dir/pred
 iction_list

Gene

All

Count	418.00
Ann Count	295.00
Total Transcripts	418.00
Transcripts Per	1.00
Consistent Pred Count	72.00
Consistent Ann Count	72.00
Consistent Specificity	17.22%
Consistent Sensitivity	24.41%
Exact Pred Count	71.00
Exact Ann Count	71.00
Exact Specificity	16.99%
Exact Sensitivity	24.07%
Genomic Overlap Pred Count	293.00
Genomic Overlap Ann Count	268.00
Genomic Overlap Specificity	70.10%
Genomic Overlap Sensitivity	90.85%
CDS Overlap Pred Count	288.00
CDS Overlap Ann Count	266.00
CDS Overlap Specificity	68.90%
CDS Overlap Sensitivity	90.17%
All Introns Pred Count	66.00
All Introns Ann Count	67.00
All Introns Specificity	15.79%
All Introns Sensitivity	22.71%
Exact Intron Pred Count	201.00
Exact Intron Ann Count	203.00
Exact Intron Specificity	48.09%
Exact Intron Sensitivity	68.81%
Exact Exon Pred Count	251.00
Exact Exon Ann Count	244.00
Exact Exon Specificity	60.05%
Exact Exon Sensitivity	82.71%
Start Codon Pred Count	0.00
Start Codon Ann Count	0.00
Start Codon Specificity	0.00%
Start Codon Sensitivity	0.00%
Stop Codon Pred Count	0.00
Stop Codon Ann Count	0.00
Stop Codon Specificity	0.00%
Stop Codon Sensitivity	0.00%
Start Stop Pred Count	0.00
Start Stop Ann Count	0.00
Start Stop Specificity	0.00%
Start Stop Sensitivity	0.00%

Transcript

All

Count	418.00
Ann Count	711.00
Average Length	8970.41
Total Length	3749632.00
Average Coding Length	1105.48
Total Coding Length	462089.00
Average Score	0.00
Total Score	0.00
Exons Per	5.50
Total Exons	2301.00
Consistent Pred Count	72.00

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Consistent Ann Count	88.00
Consistent Specificity	17.22%
Consistent Sensitivity	12.38%
Exact Pred Count	71.00
Exact Ann Count	87.00
Exact Specificity	16.99%
Exact Sensitivity	12.24%
Genomic Overlap Pred Count	293.00
Genomic Overlap Ann Count	645.00
Genomic Overlap Specificity	70.10%
Genomic Overlap Sensitivity	90.72%
CDS Overlap Pred Count	288.00
CDS Overlap Ann Count	640.00
CDS Overlap Specificity	68.90%
CDS Overlap Sensitivity	90.01%
All Introns Pred Count	66.00
All Introns Ann Count	100.00
All Introns Specificity	15.79%
All Introns Sensitivity	14.06%
Exact Intron Pred Count	201.00
Exact Intron Ann Count	517.00
Exact Intron Specificity	48.09%
Exact Intron Sensitivity	72.71%
Exact Exon Pred Count	251.00
Exact Exon Ann Count	588.00
Exact Exon Specificity	60.05%
Exact Exon Sensitivity	82.70%
Start Codon Pred Count	0.00
Start Codon Ann Count	0.00
Start Codon Specificity	0.00%
Start Codon Sensitivity	0.00%
Stop Codon Pred Count	0.00
Stop Codon Ann Count	0.00
Stop Codon Specificity	0.00%
Stop Codon Sensitivity	0.00%
Start Stop Pred Count	0.00
Start Stop Ann Count	0.00
Start Stop Specificity	0.00%
Start Stop Sensitivity	0.00%

Complete

Count	0.00
Ann Count	0.00
Average Length	0.00
Total Length	0.00
Average Coding Length	0.00
Total Coding Length	0.00
Average Score	0.00
Total Score	0.00
Exons Per	0.00
Total Exons	0.00
Consistent Pred Count	0.00
Consistent Ann Count	0.00
Consistent Specificity	0.00%
Consistent Sensitivity	0.00%
Exact Pred Count	0.00
Exact Ann Count	0.00
Exact Specificity	0.00%
Exact Sensitivity	0.00%
Genomic Overlap Pred Count	0.00
Genomic Overlap Ann Count	0.00
Genomic Overlap Specificity	0.00%
Genomic Overlap Sensitivity	0.00%

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CDS Overlap Pred Count	0.00
CDS Overlap Ann Count	0.00
CDS Overlap Specificity	0.00%
CDS Overlap Sensitivity	0.00%
All Introns Pred Count	0.00
All Introns Ann Count	0.00
All Introns Specificity	0.00%
All Introns Sensitivity	0.00%
Exact Intron Pred Count	0.00
Exact Intron Ann Count	0.00
Exact Intron Specificity	0.00%
Exact Intron Sensitivity	0.00%
Exact Exon Pred Count	0.00
Exact Exon Ann Count	0.00
Exact Exon Specificity	0.00%
Exact Exon Sensitivity	0.00%
Start Codon Pred Count	0.00
Start Codon Ann Count	0.00
Start Codon Specificity	0.00%
Start Codon Sensitivity	0.00%
Stop Codon Pred Count	0.00
Stop Codon Ann Count	0.00
Stop Codon Specificity	0.00%
Stop Codon Sensitivity	0.00%
Start Stop Pred Count	0.00
Start Stop Ann Count	0.00
Start Stop Specificity	0.00%
Start Stop Sensitivity	0.00%
Incomplete	
Count	418.00
Ann Count	711.00
Average Length	8970.41
Total Length	3749632.00
Average Coding Length	1105.48
Total Coding Length	462089.00
Average Score	0.00
Total Score	0.00
Exons Per	5.50
Total Exons	2301.00
Consistent Pred Count	72.00
Consistent Ann Count	88.00
Consistent Specificity	17.22%
Consistent Sensitivity	12.38%
Exact Pred Count	71.00
Exact Ann Count	87.00
Exact Specificity	16.99%
Exact Sensitivity	12.24%
Genomic Overlap Pred Count	293.00
Genomic Overlap Ann Count	645.00
Genomic Overlap Specificity	70.10%
Genomic Overlap Sensitivity	90.72%
CDS Overlap Pred Count	288.00
CDS Overlap Ann Count	640.00
CDS Overlap Specificity	68.90%
CDS Overlap Sensitivity	90.01%
All Introns Pred Count	66.00
All Introns Ann Count	100.00
All Introns Specificity	15.79%
All Introns Sensitivity	14.06%
Exact Intron Pred Count	201.00
Exact Intron Ann Count	517.00
Exact Intron Specificity	48.09%

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Exact Intron Sensitivity	72.71%
Exact Exon Pred Count	251.00
Exact Exon Ann Count	588.00
Exact Exon Specificity	60.05%
Exact Exon Sensitivity	82.70%
Start Codon Pred Count	0.00
Start Codon Ann Count	0.00
Start Codon Specificity	0.00%
Start Codon Sensitivity	0.00%
Stop Codon Pred Count	0.00
Stop Codon Ann Count	0.00
Stop Codon Specificity	0.00%
Stop Codon Sensitivity	0.00%
Start Stop Pred Count	0.00
Start Stop Ann Count	0.00
Start Stop Specificity	0.00%
Start Stop Sensitivity	0.00%
Exon	
All	
Count	2301.00
Ann Count	2782.00
Average Length	200.82
Total Length	462089.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	1443.00
Correct Ann Count	1448.00
Correct Specificity	62.71%
Correct Sensitivity	52.05%
Overlap Pred Count	1722.00
Overlap Ann Count	1961.00
Overlap Specificity	74.84%
Overlap Sensitivity	70.49%
Overlap 80p Pred Count	1563.00
Overlap 80p Ann Count	1651.00
Overlap 80p Specificity	67.93%
Overlap 80p Sensitivity	59.35%
Splice 5 Pred Count	1556.00
Splice 5 Ann Count	1681.00
Splice 5 Specificity	67.62%
Splice 5 Sensitivity	60.42%
Splice 3 Pred Count	1587.00
Splice 3 Ann Count	1680.00
Splice 3 Specificity	68.97%
Splice 3 Sensitivity	60.39%
Initial	
Count	0.00
Ann Count	0.00
Average Length	0.00
Total Length	0.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	0.00
Correct Ann Count	0.00
Correct Specificity	0.00%
Correct Sensitivity	0.00%
Overlap Pred Count	0.00
Overlap Ann Count	0.00
Overlap Specificity	0.00%
Overlap Sensitivity	0.00%
Overlap 80p Pred Count	0.00
Overlap 80p Ann Count	0.00

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Overlap 80p Specificity	0.00%
Overlap 80p Sensitivity	0.00%
Splice 5 Pred Count	0.00
Splice 5 Ann Count	0.00
Splice 5 Specificity	0.00%
Splice 5 Sensitivity	0.00%
Splice 3 Pred Count	0.00
Splice 3 Ann Count	0.00
Splice 3 Specificity	0.00%
Splice 3 Sensitivity	0.00%
Internal	
Count	2199.00
Ann Count	2723.00
Average Length	177.10
Total Length	389435.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	1413.00
Correct Ann Count	1417.00
Correct Specificity	64.26%
Correct Sensitivity	52.04%
Overlap Pred Count	1672.00
Overlap Ann Count	1907.00
Overlap Specificity	76.03%
Overlap Sensitivity	70.03%
Overlap 80p Pred Count	1517.00
Overlap 80p Ann Count	1607.00
Overlap 80p Specificity	68.99%
Overlap 80p Sensitivity	59.02%
Splice 5 Pred Count	1520.00
Splice 5 Ann Count	1639.00
Splice 5 Specificity	69.12%
Splice 5 Sensitivity	60.19%
Splice 3 Pred Count	1547.00
Splice 3 Ann Count	1637.00
Splice 3 Specificity	70.35%
Splice 3 Sensitivity	60.12%
Terminal	
Count	0.00
Ann Count	0.00
Average Length	0.00
Total Length	0.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	0.00
Correct Ann Count	0.00
Correct Specificity	0.00%
Correct Sensitivity	0.00%
Overlap Pred Count	0.00
Overlap Ann Count	0.00
Overlap Specificity	0.00%
Overlap Sensitivity	0.00%
Overlap 80p Pred Count	0.00
Overlap 80p Ann Count	0.00
Overlap 80p Specificity	0.00%
Overlap 80p Sensitivity	0.00%
Splice 5 Pred Count	0.00
Splice 5 Ann Count	0.00
Splice 5 Specificity	0.00%
Splice 5 Sensitivity	0.00%
Splice 3 Pred Count	0.00
Splice 3 Ann Count	0.00

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Splice 3 Specificity	0.00%
Splice 3 Sensitivity	0.00%
Single	
Count	102.00
Ann Count	59.00
Average Length	712.29
Total Length	72654.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	30.00
Correct Ann Count	31.00
Correct Specificity	29.41%
Correct Sensitivity	52.54%
Overlap Pred Count	50.00
Overlap Ann Count	54.00
Overlap Specificity	49.02%
Overlap Sensitivity	91.53%
Overlap 80p Pred Count	46.00
Overlap 80p Ann Count	44.00
Overlap 80p Specificity	45.10%
Overlap 80p Sensitivity	74.58%
Splice 5 Pred Count	36.00
Splice 5 Ann Count	42.00
Splice 5 Specificity	35.29%
Splice 5 Sensitivity	71.19%
Splice 3 Pred Count	40.00
Splice 3 Ann Count	43.00
Splice 3 Specificity	39.22%
Splice 3 Sensitivity	72.88%
Intron	
Count	1883.00
Ann Count	2364.00
Average Length	1745.91
Total Length	3287543.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	1183.00
Correct Ann Count	1186.00
Correct Specificity	62.83%
Correct Sensitivity	50.17%
Overlap Pred Count	1588.00
Overlap Ann Count	1906.00
Overlap Specificity	84.33%
Overlap Sensitivity	80.63%
Overlap 80p Pred Count	1291.00
Overlap 80p Ann Count	1337.00
Overlap 80p Specificity	68.56%
Overlap 80p Sensitivity	56.56%
Splice 5 Pred Count	1398.00
Splice 5 Ann Count	1508.00
Splice 5 Specificity	74.24%
Splice 5 Sensitivity	63.79%
Splice 3 Pred Count	1393.00
Splice 3 Ann Count	1485.00
Splice 3 Specificity	73.98%
Splice 3 Sensitivity	62.82%
Nuc	
All	
Count	462089.00
Ann Count	487140.00
Correct Pred Count	344166.00
Correct Ann Count	379503.00

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	Correct Specificity	74.48%
	Correct Sensitivity	77.90%
Initial		
	Count	0.00
	Ann Count	0.00
	Correct Pred Count	0.00
	Correct Ann Count	0.00
	Correct Specificity	0.00%
	Correct Sensitivity	0.00%
Internal		
	Count	389435.00
	Ann Count	434561.00
	Correct Pred Count	297579.00
	Correct Ann Count	330211.00
	Correct Specificity	76.41%
	Correct Sensitivity	75.99%
Terminal		
	Count	0.00
	Ann Count	0.00
	Correct Pred Count	0.00
	Correct Ann Count	0.00
	Correct Specificity	0.00%
	Correct Sensitivity	0.00%
Single		
	Count	72654.00
	Ann Count	52579.00
	Correct Pred Count	46587.00
	Correct Ann Count	49292.00
	Correct Specificity	64.12%
	Correct Sensitivity	93.75%
Intron		
	Count	3287543.00
	Ann Count	9663479.00
	Correct Pred Count	2680808.00
	Correct Ann Count	3240648.00
	Correct Specificity	81.54%
	Correct Sensitivity	33.54%
Signal		
Splice Acceptor		
	Count	2199.00
	Ann Count	2723.00
	Correct Pred Count	1520.00
	Correct Ann Count	1639.00
	Correct Specificity	69.12%
	Correct Sensitivity	60.19%
Splice Donor		
	Count	2199.00
	Ann Count	2723.00
	Correct Pred Count	1547.00
	Correct Ann Count	1637.00
	Correct Specificity	70.35%
	Correct Sensitivity	60.12%
Start Codon		
	Count	0.00
	Ann Count	0.00
	Correct Pred Count	0.00
	Correct Ann Count	0.00
	Correct Specificity	0.00%
	Correct Sensitivity	0.00%
Stop Codon		
	Count	0.00
	Ann Count	0.00

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	Correct Pred Count	0.00
	Correct Ann Count	0.00
	Correct Specificity	0.00%
	Correct Sensitivity	0.00%
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