

Mai 03, 05 17:00		annotation_genscan.new.gtf.eval		Seite 1/10
Di Mai 3 17:00:05 CEST 2005				
Summary Stats				
Annotation: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list				
Predictions: /home/mario/human/encode/testEncode/allpredictions/annotation_genscan.new.gtf.dir/prediction_list				
Gene Sensitivity	16.27%			
Gene Specificity	10.57%			
Transcript Sensitivity	8.16%			
Transcript Specificity	10.57%			
Exon Sensitivity	58.55%			
Exon Specificity	46.42%			
Nucleotide Sensitivity	83.15%			
Nucleotide Specificity	60.13%			
General Stats				
Predictions: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list				
/home/mario/human/encode/testEncode/allpredictions/annotation_genscan.new.gtf.dir/prediction_list				
Gene				
All				
Count	295.00	454.00		
Total Transcripts	711.00	454.00		
Transcripts Per	2.41	1.00		
Transcript				
All				
Count	711.00	454.00		
Average Length	27411.48	31677.09		
Total Length	19489560.00	14381399.00		
Average Coding Length	1288.69	1352.40		
Total Coding Length	916261.00	613988.00		
Average Score	0.00	0.00		
Total Score	0.00	0.00		
Exons Per	8.12	7.70		
Total Exons	5773.00	3496.00		
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	454.00		
Average Length	27411.48	31677.09		
Total Length	19489560.00	14381399.00		
Average Coding Length	1288.69	1352.40		
Total Coding Length	916261.00	613988.00		
Average Score	0.00	0.00		
Total Score	0.00	0.00		
Exons Per	8.12	7.70		
Total Exons	5773.00	3496.00		
Exon				
All				
Count	2782.00	3496.00		
Average Length	175.10	175.63		

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	Total Length	487140.00	613988.00	
	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	3437.00	
	Average Length	159.59	168.10	
	Total Length	434561.00	577764.00	
	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	59.00	
	Average Length	891.17	613.97	
	Total Length	52579.00	36224.00	
	Average Score	0.00	0.00	
	Total Score	0.00	0.00	
Intron				
	Count	2364.00	3042.00	
	Average Length	4087.77	4525.78	
	Total Length	9663479.00	13767411.00	
	Average Score	0.00	0.00	
	Total Score	0.00	0.00	
Nuc				
All				
Count	487140.00	613988.00		
Initial				
Count	0.00	0.00		
Internal				
Count	434561.00	577764.00		
Terminal				
Count	0.00	0.00		
Single				
Count	52579.00	36224.00		
Intron				
Count	9663479.00	13767411.00		
Signal				
Splice Acceptor				
Count	2723.00	3437.00		
Splice Donor				
Count	2723.00	3437.00		
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				
Predictions: /home/mario/human/encode/testEncode/allpredictions/annotation_genscan.new.gtf.dir/prediction_list				

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Gene	All		
	Count	454.00	
	Ann Count	295.00	
	Total Transcripts	454.00	
	Transcripts Per	1.00	
	Consistent Pred Count	48.00	
	Consistent Ann Count	48.00	
	Consistent Specificity	10.57%	
	Consistent Sensitivity	16.27%	
	Exact Pred Count	45.00	
	Exact Ann Count	45.00	
	Exact Specificity	9.91%	
	Exact Sensitivity	15.25%	
	Genomic Overlap Pred Count	255.00	
	Genomic Overlap Ann Count	277.00	
	Genomic Overlap Specificity	56.17%	
	Genomic Overlap Sensitivity	93.90%	
	CDS Overlap Pred Count	244.00	
	CDS Overlap Ann Count	275.00	
	CDS Overlap Specificity	53.74%	
	CDS Overlap Sensitivity	93.22%	
	All Introns Pred Count	61.00	
	All Introns Ann Count	66.00	
	All Introns Specificity	13.44%	
	All Introns Sensitivity	22.37%	
	Exact Intron Pred Count	179.00	
	Exact Intron Ann Count	222.00	
	Exact Intron Specificity	39.43%	
	Exact Intron Sensitivity	75.25%	
	Exact Exon Pred Count	208.00	
	Exact Exon Ann Count	244.00	
	Exact Exon Specificity	45.81%	
	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	454.00	
	Ann Count	711.00	
	Average Length	31677.09	
	Total Length	14381399.00	
	Average Coding Length	1352.40	
	Total Coding Length	613988.00	
	Average Score	0.00	
	Total Score	0.00	
	Exons Per	7.70	
	Total Exons	3496.00	
	Consistent Pred Count	48.00	
	Consistent Ann Count	58.00	
	Consistent Specificity	10.57%	
	Consistent Sensitivity	8.16%	

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	Exact Pred Count	45.00	
	Exact Ann Count	53.00	
	Exact Specificity	9.91%	
	Exact Sensitivity	7.45%	
	Genomic Overlap Pred Count	255.00	
	Genomic Overlap Ann Count	683.00	
	Genomic Overlap Specificity	56.17%	
	Genomic Overlap Sensitivity	96.06%	
	CDS Overlap Pred Count	244.00	
	CDS Overlap Ann Count	680.00	
	CDS Overlap Specificity	53.74%	
	CDS Overlap Sensitivity	95.64%	
	All Introns Pred Count	61.00	
	All Introns Ann Count	108.00	
	All Introns Specificity	13.44%	
	All Introns Sensitivity	15.19%	
	Exact Intron Pred Count	179.00	
	Exact Intron Ann Count	591.00	
	Exact Intron Specificity	39.43%	
	Exact Intron Sensitivity	83.12%	
	Exact Exon Pred Count	208.00	
	Exact Exon Ann Count	624.00	
	Exact Exon Specificity	45.81%	
	Exact Exon Sensitivity	87.76%	
	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%	
	CDS Overlap Pred Count	0.00	
	CDS Overlap Ann Count	0.00	
	CDS Overlap Specificity	0.00%	

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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	454.00	
Ann Count	711.00	
Average Length	31677.09	
Total Length	14381399.00	
Average Coding Length	1352.40	
Total Coding Length	613988.00	
Average Score	0.00	
Total Score	0.00	
Exons Per	7.70	
Total Exons	3496.00	
Consistent Pred Count	48.00	
Consistent Ann Count	58.00	
Consistent Specificity	10.57%	
Consistent Sensitivity	8.16%	
Exact Pred Count	45.00	
Exact Ann Count	53.00	
Exact Specificity	9.91%	
Exact Sensitivity	7.45%	
Genomic Overlap Pred Count	255.00	
Genomic Overlap Ann Count	683.00	
Genomic Overlap Specificity	56.17%	
Genomic Overlap Sensitivity	96.06%	
CDS Overlap Pred Count	244.00	
CDS Overlap Ann Count	680.00	
CDS Overlap Specificity	53.74%	
CDS Overlap Sensitivity	95.64%	
All Introns Pred Count	61.00	
All Introns Ann Count	108.00	
All Introns Specificity	13.44%	
All Introns Sensitivity	15.19%	
Exact Intron Pred Count	179.00	
Exact Intron Ann Count	591.00	
Exact Intron Specificity	39.43%	
Exact Intron Sensitivity	83.12%	
Exact Exon Pred Count	208.00	
Exact Exon Ann Count	624.00	

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Exact Exon Specificity	45.81%	
Exact Exon Sensitivity	87.76%	
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	3496.00	
Ann Count	2782.00	
Average Length	175.63	
Total Length	613988.00	
Average Score	0.00	
Total Score	0.00	
Correct Pred Count	1623.00	
Correct Ann Count	1629.00	
Correct Specificity	46.42%	
Correct Sensitivity	58.55%	
Overlap Pred Count	1994.00	
Overlap Ann Count	2234.00	
Overlap Specificity	57.04%	
Overlap Sensitivity	80.30%	
Overlap 80p Pred Count	1766.00	
Overlap 80p Ann Count	1854.00	
Overlap 80p Specificity	50.51%	
Overlap 80p Sensitivity	66.64%	
Splice 5 Pred Count	1765.00	
Splice 5 Ann Count	1891.00	
Splice 5 Specificity	50.49%	
Splice 5 Sensitivity	67.97%	
Splice 3 Pred Count	1824.00	
Splice 3 Ann Count	1927.00	
Splice 3 Specificity	52.17%	
Splice 3 Sensitivity	69.27%	
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	
Overlap 80p Specificity	0.00%	
Overlap 80p Sensitivity	0.00%	
Splice 5 Pred Count	0.00	

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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	3437.00		
Ann Count	2723.00		
Average Length	168.10		
Total Length	577764.00		
Average Score	0.00		
Total Score	0.00		
Correct Pred Count	1605.00		
Correct Ann Count	1611.00		
Correct Specificity	46.70%		
Correct Sensitivity	59.16%		
Overlap Pred Count	1968.00		
Overlap Ann Count	2184.00		
Overlap Specificity	57.26%		
Overlap Sensitivity	80.21%		
Overlap 80p Pred Count	1741.00		
Overlap 80p Ann Count	1814.00		
Overlap 80p Specificity	50.65%		
Overlap 80p Sensitivity	66.62%		
Splice 5 Pred Count	1746.00		
Splice 5 Ann Count	1867.00		
Splice 5 Specificity	50.80%		
Splice 5 Sensitivity	68.56%		
Splice 3 Pred Count	1799.00		
Splice 3 Ann Count	1893.00		
Splice 3 Specificity	52.34%		
Splice 3 Sensitivity	69.52%		
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		
Splice 3 Specificity	0.00%		
Splice 3 Sensitivity	0.00%		
Single			

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Count	59.00		
Ann Count	59.00		
Average Length	613.97		
Total Length	36224.00		
Average Score	0.00		
Total Score	0.00		
Correct Pred Count	18.00		
Correct Ann Count	18.00		
Correct Specificity	30.51%		
Correct Sensitivity	30.51%		
Overlap Pred Count	26.00		
Overlap Ann Count	50.00		
Overlap Specificity	44.07%		
Overlap Sensitivity	84.75%		
Overlap 80p Pred Count	25.00		
Overlap 80p Ann Count	40.00		
Overlap 80p Specificity	42.37%		
Overlap 80p Sensitivity	67.80%		
Splice 5 Pred Count	19.00		
Splice 5 Ann Count	24.00		
Splice 5 Specificity	32.20%		
Splice 5 Sensitivity	40.68%		
Splice 3 Pred Count	25.00		
Splice 3 Ann Count	34.00		
Splice 3 Specificity	42.37%		
Splice 3 Sensitivity	57.63%		
Intron			
Count	3042.00		
Ann Count	2364.00		
Average Length	4525.78		
Total Length	13767411.00		
Average Score	0.00		
Total Score	0.00		
Correct Pred Count	1388.00		
Correct Ann Count	1393.00		
Correct Specificity	45.63%		
Correct Sensitivity	58.93%		
Overlap Pred Count	2024.00		
Overlap Ann Count	2245.00		
Overlap Specificity	66.54%		
Overlap Sensitivity	94.97%		
Overlap 80p Pred Count	1511.00		
Overlap 80p Ann Count	1570.00		
Overlap 80p Specificity	49.67%		
Overlap 80p Sensitivity	66.41%		
Splice 5 Pred Count	1662.00		
Splice 5 Ann Count	1802.00		
Splice 5 Specificity	54.64%		
Splice 5 Sensitivity	76.23%		
Splice 3 Pred Count	1640.00		
Splice 3 Ann Count	1773.00		
Splice 3 Specificity	53.91%		
Splice 3 Sensitivity	75.00%		
Nuc			
All			
Count	613988.00		
Ann Count	487140.00		
Correct Pred Count	369177.00		
Correct Ann Count	405054.00		
Correct Specificity	60.13%		
Correct Sensitivity	83.15%		
Initial			

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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		577764.00	
Ann Count		434561.00	
Correct Pred Count		343428.00	
Correct Ann Count		361300.00	
Correct Specificity		59.44%	
Correct Sensitivity		83.14%	
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		36224.00	
Ann Count		52579.00	
Correct Pred Count		25749.00	
Correct Ann Count		43754.00	
Correct Specificity		71.08%	
Correct Sensitivity		83.22%	
Intron			
Count		13767411.00	
Ann Count		9663479.00	
Correct Pred Count		5842321.00	
Correct Ann Count		7023552.00	
Correct Specificity		42.44%	
Correct Sensitivity		72.68%	
Signal			
Splice Acceptor			
Count		3437.00	
Ann Count		2723.00	
Correct Pred Count		1746.00	
Correct Ann Count		1867.00	
Correct Specificity		50.80%	
Correct Sensitivity		68.56%	
Splice Donor			
Count		3437.00	
Ann Count		2723.00	
Correct Pred Count		1799.00	
Correct Ann Count		1893.00	
Correct Specificity		52.34%	
Correct Sensitivity		69.52%	
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	
Correct Pred Count		0.00	
Correct Ann Count		0.00	
Correct Specificity		0.00%	

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Correct Sensitivity		0.00%	
Di Mai 3 17:00:12 CEST 2005			