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****Summary Stats****

Annotation: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list
 Predictions: /home/mario/human/encode/testEncode/allpredictions/28_44_2_submit-no-frame_1113602607.gtf.withStop.dir/prediction_list

Gene Sensitivity	14.92%
Gene Specificity	6.71%
Transcript Sensitivity	7.45%
Transcript Specificity	6.71%
Exon Sensitivity	56.83%
Exon Specificity	46.12%
Nucleotide Sensitivity	86.32%
Nucleotide Specificity	50.27%

****General Stats****

Predictions: /home/mario/human/encode/testEncode/genes_known_validated/annotation_list
 /home/mario/human/encode/testEncode/allpredictions/28_44_2_submit-no-frame_1113602607.gtf.withStop.dir/prediction_list

Gene	All		
	Count	295.00	656.00
	Total Transcripts	711.00	656.00
	Transcripts Per	2.41	1.00
Transcript	All		
	Count	711.00	656.00
	Average Length	27411.48	12201.78
	Total Length	19489560.00	8004369.00
	Average Coding Length	1288.69	1159.19
	Total Coding Length	916261.00	760431.00
	Average Score	0.00	105.67
	Total Score	0.00	69321.67
	Exons Per	8.12	5.21
	Total Exons	5773.00	3415.00
	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	656.00
	Average Length	27411.48	12201.78
	Total Length	19489560.00	8004369.00
	Average Coding Length	1288.69	1159.19
	Total Coding Length	916261.00	760431.00
	Average Score	0.00	105.67
	Total Score	0.00	69321.67
	Exons Per	8.12	5.21
	Total Exons	5773.00	3415.00
Exon	All		
	Count	2782.00	3415.00

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	Average Length	175.10	222.67
	Total Length	487140.00	760431.00
	Average Score	0.00	20.30
	Total Score	0.00	69321.67
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	3236.00
	Average Length	159.59	198.02
	Total Length	434561.00	640803.00
	Average Score	0.00	18.92
	Total Score	0.00	61220.50
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	179.00
	Average Length	891.17	668.31
	Total Length	52579.00	119628.00
	Average Score	0.00	45.26
	Total Score	0.00	8101.16
Intron			
	Count	2364.00	2759.00
	Average Length	4087.77	2625.57
	Total Length	9663479.00	7243938.00
	Average Score	0.00	0.00
	Total Score	0.00	0.00
Nuc	All		
	Count	487140.00	760431.00
Initial			
	Count	0.00	0.00
Internal			
	Count	434561.00	640803.00
Terminal			
	Count	0.00	0.00
Single			
	Count	52579.00	119628.00
Intron			
	Count	9663479.00	7243938.00
Signal			
	Splice Acceptor		
	Count	2723.00	3236.00
	Splice Donor		
	Count	2723.00	3236.00
	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/all

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predictions/28_44_2_submit-no-frame_1113602607.gtf.withStop.dir/prediction_list

Gene

All

Count	656.00
Ann Count	295.00
Total Transcripts	656.00
Transcripts Per	1.00
Consistent Pred Count	44.00
Consistent Ann Count	44.00
Consistent Specificity	6.71%
Consistent Sensitivity	14.92%
Exact Pred Count	43.00
Exact Ann Count	43.00
Exact Specificity	6.55%
Exact Sensitivity	14.58%
Genomic Overlap Pred Count	318.00
Genomic Overlap Ann Count	280.00
Genomic Overlap Specificity	48.48%
Genomic Overlap Sensitivity	94.92%
CDS Overlap Pred Count	294.00
CDS Overlap Ann Count	278.00
CDS Overlap Specificity	44.82%
CDS Overlap Sensitivity	94.24%
All Introns Pred Count	44.00
All Introns Ann Count	47.00
All Introns Specificity	6.71%
All Introns Sensitivity	15.93%
Exact Intron Pred Count	198.00
Exact Intron Ann Count	212.00
Exact Intron Specificity	30.18%
Exact Intron Sensitivity	71.86%
Exact Exon Pred Count	240.00
Exact Exon Ann Count	242.00
Exact Exon Specificity	36.59%
Exact Exon Sensitivity	82.03%
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	656.00
Ann Count	711.00
Average Length	12201.78
Total Length	8004369.00
Average Coding Length	1159.19
Total Coding Length	760431.00
Average Score	105.67
Total Score	69321.67
Exons Per	5.21
Total Exons	3415.00
Consistent Pred Count	44.00
Consistent Ann Count	53.00
Consistent Specificity	6.71%

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Consistent Sensitivity	7.45%
Exact Pred Count	43.00
Exact Ann Count	51.00
Exact Specificity	6.55%
Exact Sensitivity	7.17%
Genomic Overlap Pred Count	318.00
Genomic Overlap Ann Count	684.00
Genomic Overlap Specificity	48.48%
Genomic Overlap Sensitivity	96.20%
CDS Overlap Pred Count	294.00
CDS Overlap Ann Count	681.00
CDS Overlap Specificity	44.82%
CDS Overlap Sensitivity	95.78%
All Introns Pred Count	44.00
All Introns Ann Count	78.00
All Introns Specificity	6.71%
All Introns Sensitivity	10.97%
Exact Intron Pred Count	198.00
Exact Intron Ann Count	564.00
Exact Intron Specificity	30.18%
Exact Intron Sensitivity	79.32%
Exact Exon Pred Count	240.00
Exact Exon Ann Count	605.00
Exact Exon Specificity	36.59%
Exact Exon Sensitivity	85.09%
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

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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	656.00
Ann Count	711.00
Average Length	12201.78
Total Length	8004369.00
Average Coding Length	1159.19
Total Coding Length	760431.00
Average Score	105.67
Total Score	69321.67
Exons Per	5.21
Total Exons	3415.00
Consistent Pred Count	44.00
Consistent Ann Count	53.00
Consistent Specificity	6.71%
Consistent Sensitivity	7.45%
Exact Pred Count	43.00
Exact Ann Count	51.00
Exact Specificity	6.55%
Exact Sensitivity	7.17%
Genomic Overlap Pred Count	318.00
Genomic Overlap Ann Count	684.00
Genomic Overlap Specificity	48.48%
Genomic Overlap Sensitivity	96.20%
CDS Overlap Pred Count	294.00
CDS Overlap Ann Count	681.00
CDS Overlap Specificity	44.82%
CDS Overlap Sensitivity	95.78%
All Introns Pred Count	44.00
All Introns Ann Count	78.00
All Introns Specificity	6.71%
All Introns Sensitivity	10.97%
Exact Intron Pred Count	198.00
Exact Intron Ann Count	564.00
Exact Intron Specificity	30.18%
Exact Intron Sensitivity	79.32%
Exact Exon Pred Count	240.00

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Exact Exon Ann Count	605.00
Exact Exon Specificity	36.59%
Exact Exon Sensitivity	85.09%
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	3415.00
Ann Count	2782.00
Average Length	222.67
Total Length	760431.00
Average Score	20.30
Total Score	69321.67
Correct Pred Count	1575.00
Correct Ann Count	1581.00
Correct Specificity	46.12%
Correct Sensitivity	56.83%
Overlap Pred Count	1968.00
Overlap Ann Count	2230.00
Overlap Specificity	57.63%
Overlap Sensitivity	80.16%
Overlap 80p Pred Count	1835.00
Overlap 80p Ann Count	1927.00
Overlap 80p Specificity	53.73%
Overlap 80p Sensitivity	69.27%
Splice 5 Pred Count	1816.00
Splice 5 Ann Count	1951.00
Splice 5 Specificity	53.18%
Splice 5 Sensitivity	70.13%
Splice 3 Pred Count	1702.00
Splice 3 Ann Count	1794.00
Splice 3 Specificity	49.84%
Splice 3 Sensitivity	64.49%
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%

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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	3236.00
Ann Count	2723.00
Average Length	198.02
Total Length	640803.00
Average Score	18.92
Total Score	61220.50
Correct Pred Count	1549.00
Correct Ann Count	1555.00
Correct Specificity	47.87%
Correct Sensitivity	57.11%
Overlap Pred Count	1932.00
Overlap Ann Count	2176.00
Overlap Specificity	59.70%
Overlap Sensitivity	79.91%
Overlap 80p Pred Count	1799.00
Overlap 80p Ann Count	1880.00
Overlap 80p Specificity	55.59%
Overlap 80p Sensitivity	69.04%
Splice 5 Pred Count	1787.00
Splice 5 Ann Count	1915.00
Splice 5 Specificity	55.22%
Splice 5 Sensitivity	70.33%
Splice 3 Pred Count	1669.00
Splice 3 Ann Count	1758.00
Splice 3 Specificity	51.58%
Splice 3 Sensitivity	64.56%
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%

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Single	
Count	179.00
Ann Count	59.00
Average Length	668.31
Total Length	119628.00
Average Score	45.26
Total Score	8101.16
Correct Pred Count	26.00
Correct Ann Count	26.00
Correct Specificity	14.53%
Correct Sensitivity	44.07%
Overlap Pred Count	36.00
Overlap Ann Count	54.00
Overlap Specificity	20.11%
Overlap Sensitivity	91.53%
Overlap 80p Pred Count	36.00
Overlap 80p Ann Count	47.00
Overlap 80p Specificity	20.11%
Overlap 80p Sensitivity	79.66%
Splice 5 Pred Count	29.00
Splice 5 Ann Count	36.00
Splice 5 Specificity	16.20%
Splice 5 Sensitivity	61.02%
Splice 3 Pred Count	33.00
Splice 3 Ann Count	36.00
Splice 3 Specificity	18.44%
Splice 3 Sensitivity	61.02%
Intron	
Count	2759.00
Ann Count	2364.00
Average Length	2625.57
Total Length	7243938.00
Average Score	0.00
Total Score	0.00
Correct Pred Count	1352.00
Correct Ann Count	1357.00
Correct Specificity	49.00%
Correct Sensitivity	57.40%
Overlap Pred Count	1984.00
Overlap Ann Count	2203.00
Overlap Specificity	71.91%
Overlap Sensitivity	93.19%
Overlap 80p Pred Count	1503.00
Overlap 80p Ann Count	1556.00
Overlap 80p Specificity	54.48%
Overlap 80p Sensitivity	65.82%
Splice 5 Pred Count	1598.00
Splice 5 Ann Count	1726.00
Splice 5 Specificity	57.92%
Splice 5 Sensitivity	73.01%
Splice 3 Pred Count	1661.00
Splice 3 Ann Count	1786.00
Splice 3 Specificity	60.20%
Splice 3 Sensitivity	75.55%
Nuc	
All	
Count	760431.00
Ann Count	487140.00
Correct Pred Count	382263.00
Correct Ann Count	420502.00
Correct Specificity	50.27%
Correct Sensitivity	86.32%

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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	640803.00
Ann Count	434561.00
Correct Pred Count	347409.00
Correct Ann Count	371384.00
Correct Specificity	54.21%
Correct Sensitivity	85.46%
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	119628.00
Ann Count	52579.00
Correct Pred Count	34854.00
Correct Ann Count	49118.00
Correct Specificity	29.14%
Correct Sensitivity	93.42%
Intron	
Count	7243938.00
Ann Count	9663479.00
Correct Pred Count	4415615.00
Correct Ann Count	5315059.00
Correct Specificity	60.96%
Correct Sensitivity	55.00%
Signal	
Splice Acceptor	
Count	3236.00
Ann Count	2723.00
Correct Pred Count	1787.00
Correct Ann Count	1915.00
Correct Specificity	55.22%
Correct Sensitivity	70.33%
Splice Donor	
Count	3236.00
Ann Count	2723.00
Correct Pred Count	1669.00
Correct Ann Count	1758.00
Correct Specificity	51.58%
Correct Sensitivity	64.56%
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

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Correct Specificity	0.00%
Correct Sensitivity	0.00%
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