

HCT116

HCT 116 GA (exon_coverage = Yes -> 75.068 transcripts)

	STAR N 10
ID	
Total TIS	
Total 5'UTR	
Total aTIS	
Total CDS	
Total 3' UTR	
Total NA	

Latest version TIScalling_v3.pl (August 19)

HCT 116 HS (exon_coverage = Yes WT -> 59.251 transcripts
DKO -> 57.472)

	STAR N 10 (WT)	STAR N 10 (DKO)
ID		
Total TIS		
Total 5'UTR		
Total aTIS		
Total CDS		
Total 3' UTR		
Total NA		

mESC

New version (August 19) of TIS_calling_v3.pl

mESC_GA_STAR_N_results.db on GRCm38 (exon_coverage = Yes -> 37.892 transcripts)

mESC_STAR_N_results.db on NCBI37 (exon_coverage = Yes -> 38.892 transcripts)

STAR N 10	NCBIM37	GRCm38
ID		104
Total TIS		141.427
Total 5'UTR		40.971
Total aTIS		12.999
Total CDS		53.591
Total 3' UTR		2.723
Total NA		31.143

OLD HCT116

HCT 116 GA (exon_coverage = Yes -> 75.068 transcripts)

	STAR N 10
ID	
Total TIS	
Total 5'UTR	
Total aTIS	
Total CDS	
Total 3' UTR	
Total NA	

OLD version TIScalling_v2.pl (July 9)

HCT 116 HS (exon_coverage = Yes

WT -> 59.251 transcripts

DKO -> 57.472)

	STAR N 10 (WT)	STAR N 10 (DKO)
ID	1	2
Total TIS	225.711	331.044
Total 5'UTR	28.666	46.683
Total aTIS	11.556	15.978
Total CDS	112.186	160.823
Total 3' UTR	9.288	12.882
Total NA	64.015	94.678

OLD mESC

OLD (July 9) of TIS_calling_v2.pl

mESC on GRCm38 (exon_coverage = Yes -> 37.892 transcripts)

mESC on NCBI m37 (exon_coverage = Yes -> 38.892 transcripts)

STAR N 10	NCBIM37	GRCm38
ID	2	1
Total TIS	191.376	179.158
Total 5'UTR	48.353	44.996
Total aTIS	14.119	13.513
Total CDS	78.035	69.702
Total 3' UTR	4.693	4.167
Total NA	46.176	46.780

OLD mESC

mESC on NCBI m37 (STAR N exon_coverage = Yes -> 38.892 transcripts)

STAR Y exon_coverage = Yes -> 35.730 transcripts)

	STAR N 10	STAR N 5	STAR Y 10	STAR Y 5
ID	322	325	16	17
Total TIS	173.047	294.509	160.649	275.678
Total 5'UTR	43.302	58.546	41.066	55.805
Total aTIS	13.932	15.254	13.024	14.311
Total CDS	70.806	141.424	67.118	135.319
Total 3' UTR	4.434	9.956	4.143	9.474
Total NA	40.573	69.329	35.298	60.769

mESC on GRCm38 (exon_coverage = Yes -> 37.892 transcripts)

	STAR N 10
ID	1
Total TIS	161.570
Total 5'UTR	40.216
Total aTIS	13.333
Total CDS	63.038
Total 3' UTR	3.923
Total NA	41.060