

Chromosome	Start site	End site	Gene name	CDS region	exon region	Transcript	10X average coverage	20X average coverage	30X average coverage	Average sequencing depth (X)
chr10	115803805	115803891	ADRB1	5U1E	EX1E	NM_000684.2	11%	0%	0%	5.1268
chr10	115803891	115805325	ADRB1	C1E	EX1E	NM_000684.2	93%	77%	85%	59.7587
chr10	115805325	115806667	ADRB1	3U1E	EX1E	NM_000684.2	14%	6%	9%	4.0516
chr10	103825123	103825231	HPS6	5U1E	EX1E	NM_024747.5	8%	0%	0%	5.3945
chr10	103825231	103827559	HPS6	C1E	EX1E	NM_024747.5	93%	82%	82%	87.3852
chr10	103827559	103827795	HPS6	3U1E	EX1E	NM_024747.5	81%	62%	69%	34.7017
chr10	69991434	69991870	ATOH7	5U1E	EX1E	NM_145178.3	1%	0%	0%	1.9374
chr10	69990975	69991434	ATOH7	C1E	EX1E	NM_145178.3	84%	75%	87%	36.9291
chr10	69990351	69990975	ATOH7	3U1E	EX1E	NM_145178.3	20%	8%	13%	5.5685
chr10	120789227	120789313	NANOS1	5U1E	EX1E	NM_199461.2	0%	0%	0%	1.1479
chr10	120789313	120790192	NANOS1	C1E	EX1E	NM_199461.2	63%	35%	42%	20.0899
chr10	120790192	120793854	NANOS1	3U1E	EX1E	NM_199461.2	5%	2%	3%	2.1654
chr11	2906719	2906995	CDKN1C	5U1E	EX1	NM_000076.2	24%	2%	0%	6.1299
chr11	2905899	2906719	CDKN1C	C1	EX1	NM_000076.2	54%	14%	15%	11.2178
chr11	2905233	2905364	CDKN1C	C2E	EX2	NM_000076.2	84%	41%	62%	18.5941
chr11	2905228	2905233	CDKN1C	3U1	EX2	NM_000076.2	100%	82%	100%	27.5957
chr11	2904447	2905145	CDKN1C	3U2E	EX3E	NM_000076.2	31%	23%	27%	10.3882
chr11	2017747	2019065	H19	R1	EX1	NR_002196.1	19%	6%	8%	5.6882
chr11	2017516	2017651	H19	R2	EX2	NR_002196.1	1%	0%	0%	1.3348
chr11	2017308	2017421	H19	R3	EX3	NR_002196.1	0%	0%	0%	1.6139
chr11	2017105	2017228	H19	R4	EX4	NR_002196.1	4%	0%	0%	3.7744
chr11	2016405	2017024	H19	R5E	EX5E	NR_002196.1	3%	0%	0%	2.6796
chr13	28494167	28494275	PDX1	5U1E	EX1	NM_000209.3	75%	26%	59%	15.5897
chr13	28494275	28494681	PDX1	C1	EX1	NM_000209.3	99%	80%	100%	39.1757
chr13	28498392	28498838	PDX1	C2E	EX2E	NM_000209.3	98%	78%	85%	35.1275
chr13	28498838	28500451	PDX1	3U1E	EX2E	NM_000209.3	7%	1%	2%	2.7768
chr13	92000073	92000213	MIR17HG	R1	EX1	NR_027350.1	0%	0%	0%	1.2561
chr13	92001951	92006829	MIR17HG	R2E	EX2E	NR_027350.1	26%	24%	25%	40.9603
chr14	29236277	29236485	FOXG1	5U1E	EX1E	NM_005249.4	48%	16%	27%	10.8968
chr14	29236485	29237955	FOXG1	C1E	EX1E	NM_005249.4	78%	71%	74%	70.9667
chr14	29237955	29239483	FOXG1	3U1E	EX1E	NM_005249.4	18%	15%	17%	13.8113
chr19	36486089	36486176	SDHAF1	5U1E	EX1E	NM_001042631.2	36%	1%	0%	8.2409
chr19	36486176	36486524	SDHAF1	C1E	EX1E	NM_001042631.2	85%	33%	44%	16.8913
chr19	36486524	36487220	SDHAF1	3U1E	EX1E	NM_001042631.2	22%	8%	12%	5.7564
chr19	859664	859689	CFD	5U1E	EX1	NM_001928.2	83%	24%	38%	15.4486
chr19	859689	859744	CFD	C1	EX1	NM_001928.2	86%	29%	42%	16.2366
chr19	860616	860773	CFD	C2	EX2	NM_001928.2	68%	19%	44%	13.6966
chr19	860860	861005	CFD	C3	EX3	NM_001928.2	100%	95%	100%	36.5876
chr19	861698	861956	CFD	C4	EX4	NM_001928.2	98%	76%	82%	27.2815
chr19	863091	863238	CFD	C5E	EX5E	NM_001928.2	87%	20%	20%	15.2
chr19	863238	863624	CFD	3U1E	EX5E	NM_001928.2	23%	4%	4%	6.0519
chr19	33793320	33793430	CEBPA	5U1E	EX1E	NM_004364.3	37%	11%	15%	8.9153
chr19	33792243	33793320	CEBPA	C1E	EX1E	NM_004364.3	94%	70%	70%	63.3972

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chr19	33790839	33792243	CEBPA	3U1E	EX1E	NM_004364.3	15%	11%	12%	8.5907
chr19	49566995	49567124	NTF4	5U2E	EX1	NM_006179.4	1%	0%	0%	1.7461
chr19	49565254	49565266	NTF4	5U1	EX2E	NM_006179.4	60%	3%	0%	10.9532
chr19	49564621	49565254	NTF4	C1E	EX2E	NM_006179.4	96%	83%	90%	72.5752
chr19	49564396	49564621	NTF4	3U1E	EX2E	NM_006179.4	96%	79%	100%	63.4369
chr19	33166312	33167169	RGS9BP	5U1E	EX1E	NM_207391.2	14%	5%	7%	4.0348
chr19	33167169	33167877	RGS9BP	C1E	EX1E	NM_207391.2	100%	91%	100%	39.2957
chr19	33167877	33169206	RGS9BP	3U1E	EX1E	NM_207391.2	15%	9%	11%	5.7972
chr19	45682002	45682089	BLOC1S3	5U2E	EX1	NM_212550.3	1%	0%	0%	1.2137
chr19	45682545	45682554	BLOC1S3	5U1	EX2E	NM_212550.3	99%	92%	100%	30.2717
chr19	45682554	45683163	BLOC1S3	C1E	EX2E	NM_212550.3	97%	78%	95%	42.118
chr19	45683163	45685058	BLOC1S3	3U1E	EX2E	NM_212550.3	14%	12%	13%	9.3288
chr1	59042828	59043166	TACSTD2	5U1E	EX1E	NM_002353.2	8%	0%	0%	3.5415
chr1	59041856	59042828	TACSTD2	C1E	EX1E	NM_002353.2	96%	88%	89%	91.7792
chr1	59041094	59041856	TACSTD2	3U1E	EX1E	NM_002353.2	35%	30%	32%	35.0438
chr1	1149507	1149548	TNFRSF4	5U1E	EX1	NM_003327.3	98%	66%	100%	24.1873
chr1	1149362	1149507	TNFRSF4	C1	EX1	NM_003327.3	96%	64%	85%	23.6339
chr1	1149042	1149165	TNFRSF4	C2	EX2	NM_003327.3	91%	32%	60%	17.1323
chr1	1148371	1148473	TNFRSF4	C3	EX3	NM_003327.3	79%	17%	21%	14.2374
chr1	1148017	1148084	TNFRSF4	C4	EX4	NM_003327.3	16%	0%	0%	6.0409
chr1	1147321	1147518	TNFRSF4	C5	EX5	NM_003327.3	99%	82%	98%	29.9955
chr1	1147083	1147212	TNFRSF4	C6	EX6	NM_003327.3	87%	24%	23%	15.7278
chr1	1146934	1147005	TNFRSF4	C7E	EX7E	NM_003327.3	94%	38%	59%	18.0457
chr1	1146705	1146934	TNFRSF4	3U1E	EX7E	NM_003327.3	40%	8%	6%	9.0116
chr1	63788729	63790166	FOXD3	C1E	EX1E	NM_012183.2	85%	64%	68%	66.8481
chr1	63790166	63790797	FOXD3	3U1E	EX1E	NM_012183.2	25%	12%	14%	6.9534
chr1	228337414	228337708	GJC2	5U2E	EX1	NM_020435.3	3%	0%	0%	3.0861
chr1	228345440	228345459	GJC2	5U1	EX2E	NM_020435.3	87%	42%	68%	18.532
chr1	228345459	228346779	GJC2	C1E	EX2E	NM_020435.3	78%	53%	56%	32.774
chr1	228346779	228347527	GJC2	3U1E	EX2E	NM_020435.3	9%	1%	0%	3.6446
chr1	1167628	1167658	B3GALT6	5U1E	EX1E	NM_080605.3	0%	0%	0%	0.4485
chr1	1167658	1168648	B3GALT6	C1E	EX1E	NM_080605.3	66%	40%	51%	16.4677
chr1	1168648	1170421	B3GALT6	3U1E	EX1E	NM_080605.3	3%	0%	0%	1.9804
chr20	62680869	62680979	SOX18	5U1E	EX1	NM_018419.2	3%	0%	0%	4.0518
chr20	62680511	62680869	SOX18	C1	EX1	NM_018419.2	47%	22%	38%	11.5039
chr20	62679518	62680315	SOX18	C2E	EX2E	NM_018419.2	88%	47%	62%	20.2114
chr20	62679078	62679518	SOX18	3U1E	EX2E	NM_018419.2	22%	6%	11%	5.5712
chr20	57425584	57425958	GNAS-AS1	R1	EX1	NR_002785.2	0%	0%	0%	1.4901
chr20	57423933	57423972	GNAS-AS1	R2	EX2	NR_002785.2	0%	0%	0%	1.2047
chr20	57417487	57417600	GNAS-AS1	R3	EX3	NR_002785.2	0%	0%	0%	1.5645
chr20	57416991	57417284	GNAS-AS1	R4	EX4	NR_002785.2	0%	0%	0%	1.4737
chr20	57393972	57394310	GNAS-AS1	R5E	EX5E	NR_002785.2	1%	0%	0%	1.2822
chr22	27053445	27053618	MIAT	R1	EX1	NR_003491.2	0%	0%	0%	1.3004

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chr22	27059279	27059362	MIAT	R2	EX2	NR_003491.2	0%	0%	0%	1.2206
chr22	27061420	27062900	MIAT	R3	EX3	NR_003491.2	1%	0%	0%	1.8186
chr22	27063147	27063273	MIAT	R4	EX4	NR_003491.2	0%	0%	0%	1.5036
chr22	27064120	27072441	MIAT	R5E	EX5E	NR_003491.2	1%	0%	0%	1.5655
chr2	26915580	26915743	KCNK3	5U1E	EX1	NM_002246.2	3%	0%	0%	3.0202
chr2	26915743	26916026	KCNK3	C1	EX1	NM_002246.2	71%	27%	31%	14.6528
chr2	26950534	26951436	KCNK3	C2E	EX2E	NM_002246.2	99%	92%	97%	71.7911
chr2	26951436	26954066	KCNK3	3U1E	EX2E	NM_002246.2	4%	1%	1%	2.6088
chr2	5832798	5832853	SOX11	5U1E	EX1E	NM_003108.3	77%	32%	43%	16.0785
chr2	5832853	5834179	SOX11	C1E	EX1E	NM_003108.3	100%	87%	93%	45.9977
chr2	5834179	5841517	SOX11	3U1E	EX1E	NM_003108.3	4%	2%	3%	3.0364
chr2	239756672	239756856	TWIST2	5U1E	EX1	NM_057179.2	13%	0%	0%	5.2891
chr2	239756856	239757339	TWIST2	C1E	EX1	NM_057179.2	93%	75%	83%	33.5526
chr2	239757339	239757374	TWIST2	3U1	EX1	NM_057179.2	93%	54%	69%	20.8882
chr2	239795419	239795893	TWIST2	3U2E	EX2E	NM_057179.2	1%	0%	0%	1.5205
chr3	128779644	128779693	GP9	5U3E	EX1	NM_000174.3	1%	0%	0%	1.2389
chr3	128780336	128780462	GP9	5U2	EX2	NM_000174.3	6%	0%	0%	4.2359
chr3	128780570	128780582	GP9	5U1	EX3E	NM_000174.3	96%	49%	76%	19.8198
chr3	128780582	128781116	GP9	C1E	EX3E	NM_000174.3	91%	63%	68%	26.3882
chr3	128781116	128781253	GP9	3U1E	EX3E	NM_000174.3	22%	0%	0%	6.7929
chr4	13546038	13546114	NKX3-2	5U1E	EX1	NM_001189.3	72%	21%	38%	14.0342
chr4	13545572	13546038	NKX3-2	C1	EX1	NM_001189.3	94%	44%	71%	18.9538
chr4	13543616	13544152	NKX3-2	C2E	EX2E	NM_001189.3	100%	95%	100%	53.7993
chr4	13542453	13543616	NKX3-2	3U1E	EX2E	NM_001189.3	11%	6%	8%	4.1641
chr4	8873340	8873543	HMX1	5U1E	EX1	NM_018942.2	8%	0%	0%	3.9703
chr4	8872946	8873340	HMX1	C1	EX1	NM_018942.2	39%	1%	0%	8.626
chr4	8869418	8870071	HMX1	C2E	EX2E	NM_018942.2	83%	58%	69%	23.2103
chr4	8868772	8869418	HMX1	3U1E	EX2E	NM_018942.2	2%	0%	0%	2.3318
chr4	987088	987224	SLC26A1	5U3E	EX1	NM_213613.2	1%	0%	0%	1.8995
chr4	986508	986723	SLC26A1	5U2	EX2	NM_213613.2	0%	0%	0%	1.0303
chr4	985491	985518	SLC26A1	5U1	EX3	NM_213613.2	100%	88%	100%	29.9182
chr4	984915	985491	SLC26A1	C1	EX3	NM_213613.2	99%	94%	99%	43.5878
chr4	982620	984150	SLC26A1	C2E	EX4E	NM_213613.2	99%	83%	91%	33.851
chr4	981444	982620	SLC26A1	3U1E	EX4E	NM_213613.2	31%	7%	6%	7.4032
chr5	139493707	139493766	PURA	5U1E	EX1E	NM_005859.4	89%	35%	77%	17.4203
chr5	139493766	139494735	PURA	C1E	EX1E	NM_005859.4	100%	89%	96%	58.737
chr5	139494735	139499001	PURA	3U1E	EX1E	NM_005859.4	2%	1%	1%	1.6748
chr7	156803044	156803347	MNX1	5U1E	EX1	NM_005515.3	66%	51%	60%	26.2089
chr7	156802353	156803044	MNX1	C1	EX1	NM_005515.3	58%	37%	42%	19.7391
chr7	156799172	156799333	MNX1	C2	EX2	NM_005515.3	100%	94%	100%	36.0243
chr7	156798213	156798567	MNX1	C3E	EX3E	NM_005515.3	98%	89%	91%	85.3382
chr7	156797546	156798213	MNX1	3U1E	EX3E	NM_005515.3	12%	3%	3%	3.6906
chr8	55370494	55370698	SOX17	5U1E	EX1	NM_022454.3	25%	3%	0%	6.5711

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chr8	55370698	55371005	SOX17	C1	EX1	NM_022454.3	95%	73%	81%	31.2699
chr8	55371617	55372555	SOX17	C2E	EX2E	NM_022454.3	97%	71%	78%	51.923
chr8	55372555	55373456	SOX17	3U1E	EX2E	NM_022454.3	30%	25%	30%	22.3324
chr8	144512576	144512602	MAFA	5U1E	EX1E	NM_201589.3	78%	20%	36%	14.5902
chr8	144511514	144512576	MAFA	C1E	EX1E	NM_201589.3	67%	43%	50%	19.8166
chr8	144510229	144511514	MAFA	3U1E	EX1E	NM_201589.3	7%	2%	3%	3.6876
chr9	100615536	100616196	FOXE1	5U1E	EX1E	NM_004473.3	2%	0%	0%	2.0009
chr9	100616196	100617318	FOXE1	C1E	EX1E	NM_004473.3	81%	49%	51%	33.9263
chr9	100617318	100618997	FOXE1	3U1E	EX1E	NM_004473.3	11%	5%	7%	3.6997
chr9	35657747	35658015	RMRP	R1E	EX1E	NR_003051.3	0%	0%	0%	1.0432
chr9	130548196	130548286	MIR2861	R1E	EX1E	NR_036055.1	41%	9%	23%	9.4446
chrX	153707254	153707596	LAGE3	5U1E	EX1	NM_006014.3	44%	20%	35%	11.4952
chrX	153707066	153707254	LAGE3	C1	EX1	NM_006014.3	87%	43%	92%	19.7511
chrX	153706621	153706750	LAGE3	C2	EX2	NM_006014.3	99%	89%	100%	41.6704
chrX	153706282	153706397	LAGE3	C3E	EX3E	NM_006014.3	90%	55%	98%	23.3072
chrX	153705240	153706282	LAGE3	3U1E	EX3E	NM_006014.3	8%	2%	5%	2.6665
chrX	73061216	73072588	XIST	R1	EX1	NR_001564.2	0%	0%	0%	0.9367
chrX	73057274	73057338	XIST	R2	EX2	NR_001564.2	0%	0%	0%	0.5875
chrX	73053072	73053209	XIST	R3	EX3	NR_001564.2	0%	0%	0%	0.8491
chrX	73050900	73051109	XIST	R4	EX4	NR_001564.2	0%	0%	0%	1.0552
chrX	73048902	73049066	XIST	R5	EX5	NR_001564.2	0%	0%	0%	0.9223
chrX	73040485	73047819	XIST	R6E	EX6E	NR_001564.2	0%	0%	0%	0.8021
chr3	169482397	169482848	TERC	R1E	EX1E	NR_001566.1	0%	0%	0%	1.276
chr1	231950371	231954263	DISC2	R1E	EX1E	NR_002227.2	11%	10%	11%	11.1091
chr2	122288455	122288585	RNU4ATAC	R1E	EX1E	NR_023343.1	1%	0%	0%	1.2824
chr11	2629557	2721228	KCNQ1OT1	R1E	EX1E	NR_002728.3	1%	1%	1%	1.9874
chr17	8076770	8076906	SNORD118	R1E	EX1E	NR_033294.1	0%	0%	0%	0.9982