

#Chr	Start	End	Size	Gene	Exon
chrY	1264860	1265024	164	CRLF2	6
chrY	1271262	1271415	153	CRLF2	4
chrY	1275316	1275502	186	CRLF2	3
chrY	1281439	1281537	98	CRLF2	1
chrY	1534362	1535461	1099	P2RY8	1
chr1	161640032	161640072	40	FCGR2B	2
chrY	1267409	1267591	182	CRLF2	5
chr7	151927295	151927416	121	MLL3	17
chrY	1277689	1277811	122	CRLF2	2
chr1	161633022	161633153	131	FCGR2B	1
chr7	151919648	151919777	129	MLL3	21
chr22	29085113	29085213	100	CHEK2	14
chr7	151921510	151921711	201	MLL3	19
chr4	191005374	191006851	1477	DUX4	1
chr7	6045513	6045672	159	PMS2	2
chr7	151917598	151917830	232	MLL3	23
chr22	29090010	29090115	105	CHEK2	13
chr17	5036728	5036855	127	USP6	5
chr22	29083875	29083984	109	CHEK2	15
chrX	48251301	48251421	120	SSX4	6
chr7	151935782	151935921	139	MLL3	15
chrX	52727069	52727148	79	SSX2	7
chr7	151921090	151921274	184	MLL3	20
chr7	151926998	151927122	124	MLL3	18
chrX	48125712	48125832	120	SSX1	6
chr11	111965519	111965704	185	SDHD	4
chr7	6042074	6042277	203	PMS2	5
chr17	5071217	5071428	211	USP6	25
chr7	99794769	99794912	143	STAG3	9
chr1	144852344	144852453	109	PDE4DIP	44
chr5	251097	251228	131	SDHA	12
chr22	23652501	23652630	129	BCR	18
chr1	144856806	144857052	246	PDE4DIP	40
chr1	144855730	144855893	163	PDE4DIP	41
chr17	29556843	29557002	159	NF1	22
chr1	144863308	144863452	144	PDE4DIP	37
chr1	144857602	144857738	136	PDE4DIP	39
chr15	40993994	40994134	140	RAD51	3
chr1	144854155	144854221	66	PDE4DIP	43
chr1	144952556	144952699	143	PDE4DIP	3
chr10	88993220	88993356	136	FAM22A	6
chr22	23656729	23656911	182	BCR	22
chr2	100720854	100720926	72	AFF3	1
chr19	6279774	6279805	31	MLLT1	1

chrX	123025078	123025176	98 XIAP	3
chr7	99796456	99796590	134 STAG3	13
chrX	52727826	52727991	165 SSX2	6
chr22	23655064	23655218	154 BCR	20
chr16	12070654	12070680	26 RUNDC2A	1
chr13	48954179	48954230	51 RB1	15
chr1	161643740	161643873	133 FCGR2B	5
chr5	218461	218543	82 SDHA	1
chr7	6043593	6043699	106 PMS2	3
chr5	37036471	37036599	128 NIPBL	32
chr10	88991768	88991927	159 FAM22A	4
chr7	151932892	151933028	136 MLL3	16
chr17	29548858	29548957	99 NF1	15
chr16	2588104	2588147	43 PDPK1	1
chr17	5035681	5035740	59 USP6	3
chr9	101867478	101867594	116 TGFBR1	1
chr2	61147508	61147623	115 REL	9
chr17	55334094	55334175	81 MSI2	1
chr10	88990667	88990815	148 FAM22A	3
chr19	18272079	18272315	236 PIK3R2	5
chr1	150849009	150849053	44 ARNT	1
chr19	10290853	10290920	67 DNMT1	5
chr17	5039093	5039233	140 USP6	8
chr19	7293793	7293912	119 INSR	1
chr10	88985578	88985979	401 FAM22A	1
chr16	67100575	67100711	136 CBFβ	4
chr17	30264256	30264549	293 SUZ12	1
chr2	61147699	61147787	88 REL	10
chr22	23653874	23654033	159 BCR	19
chr19	15311589	15311726	137 NOTCH3	1
chr10	88992350	88992752	402 FAM22A	5
chr17	5039925	5040039	114 USP6	9
chr17	11924194	11924328	134 MAP2K4	1
chr17	37856482	37856574	92 ERBB2	1
chr5	55243311	55243427	116 IL6ST	13
chr16	226918	227142	224 HBA1	2
chr9	139440168	139440248	80 NOTCH1	1
chr1	114951289	114951372	83 TRIM33	13
chr10	112362932	112363058	126 SMC3	28
chr18	56338866	56339094	228 MALT1	1
chr16	11439319	11439633	314 RMI2	1
chr22	40813335	40813507	172 MKL1	10
chrX	20156647	20156750	103 EIF1AX	2
chr19	30303453	30303495	42 CCNE1	1
chr5	86637097	86637148	51 RASA1	6

chr19	676414	676536	122 FSTL3	1
chr22	29696102	29696161	59 EWSR1	18
chr16	2223779	2223847	68 TRAF7	11
chr19	1619305	1619483	178 TCF3	14
chr5	240463	240601	138 SDHA	11
chr19	10828909	10829089	180 DNMT2	1
chr1	198717228	198717338	110 PTPRC	26
chr19	680264	680499	235 FSTL3	3
chr17	37070568	37070738	170 LASP1	5
chr10	88988010	88988729	719 FAM22A	2
chr5	180076478	180076555	77 FLT4	1
chr15	40907529	40907586	57 CASC5	8
chr2	42552597	42552704	107 EML4	20
chr10	51586261	51586421	160 NCOA4	9
chr5	170837521	170837579	58 NPM1	11
chr22	41565497	41565630	133 EP300	26
chr9	132805221	132805264	43 FNBP1	1
chr16	3808845	3808983	138 CREBBP	17
chr1	9776488	9776687	199 PIK3CD	4
chr17	36878121	36878490	369 MLLT6	17
chr9	139438466	139438564	98 NOTCH1	2
chr1	241682881	241683032	151 FH	1
chr19	4363707	4363885	178 SH3GL1	6
chr11	85711676	85711832	156 PICALM	11
chrX	44941811	44941895	84 KDM6A	21
chr5	254498	254631	133 SDHA	14
chr17	5185772	5185825	53 RABEP1	1
chr19	17947928	17948032	104 JAK3	12
chr19	15366865	15367084	219 BRD4	8
chr1	9780659	9780729	70 PIK3CD	10
chr2	216176856	216176894	38 ATIC	1
chr3	72881510	72881642	132 SHQ1	5
chr8	145743075	145743178	103 RECQL4	1
chr12	50479143	50479339	196 SMARCD1	1
chr17	29422318	29422397	79 NF1	1
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chr10	88993670	88994475	805 FAM22A	7
chr5	1294876	1295114	238 TERT	1
chr19	47731405	47731713	308 BBC3	2
chr17	79974342	79974413	71 ASPSCR1	13
chr17	66511531	66511727	196 PRKAR1A	1
chr1	161645037	161645113	76 FCGR2B	6
chr18	743250	743425	175 YES1	6
chr12	112856906	112856939	33 PTPN11	1
chr19	45252038	45252313	275 BCL3	1

chr7	26237441	26237496	55 HNRNPA2B	2
chr14	92440961	92441097	136 TRIP11	19
chr5	56111391	56111892	501 MAP3K1	1
chr9	135996349	135996551	202 RALGDS	1
chr8	118831905	118832043	138 EXT1	6
chr7	73477630	73477709	79 ELN	28
chr1	40367470	40367570	100 MYCL1	1
chr5	38962407	38962473	66 RICTOR	19
chr6	35420313	35420580	267 FANCE	1
chr17	48274531	48274604	73 COL1A1	10
chr9	135779028	135779214	186 TSC1	15
chr21	45660677	45660710	33 ICOSLG	1
chr1	78426019	78426190	171 FUBP1	15
chr13	28674595	28674657	62 FLT3	1
chr19	2164174	2164274	100 DOT1L	1
chr2	48132618	48132869	251 FBXO11	1
chr15	40903666	40903719	53 CASC5	7
chr5	131944297	131944427	130 RAD50	17
chr1	32741928	32742100	172 LCK	7
chr13	32900228	32900297	69 BRCA2	4
chr16	2222456	2222610	154 TRAF7	8
chr20	36026092	36026267	175 SRC	6
chr5	170818700	170818813	113 NPM1	4
chr19	7152727	7152948	221 INSR	10
chr5	55238488	55238589	101 IL6ST	14
chr16	68771309	68771376	67 CDH1	1
chr6	34212598	34212671	73 HMGA1	4
chr22	29105984	29106057	73 CHEK2	7
chr9	131453439	131453516	77 SET	2
chrX	44910944	44911057	113 KDM6A	9
chr17	5073764	5074220	456 USP6	27
chrX	44937635	44937760	125 KDM6A	19
chr5	158134977	158135191	214 EBF1	15
chr19	19257835	19258002	167 MEF2B	4
chr18	751695	751814	119 YES1	2
chr3	48720326	48720455	129 NCKIPSD	2
chr19	15298682	15298815	133 NOTCH3	10
chr7	6439747	6439829	82 RAC1	5
chr11	117079603	117079779	176 PCSK7	11
chrX	20150290	20150391	101 EIF1AX	5
chr22	29668359	29668430	71 EWSR1	3
chr22	23657610	23657719	109 BCR	23
chr15	66777318	66777539	221 MAP2K1	7
chr17	7979965	7980071	106 ALOX12B	10
chr2	128046903	128047087	184 ERCC3	6

chr17	37873563	37873743	180 ERBB2	15
chr5	1279396	1279595	199 TERT	5
chr22	36681694	36681837	143 MYH9	36
chr4	99341160	99341305	145 RAP1GDS1	11
chr9	139403312	139403533	221 NOTCH1	19
chr5	112163616	112163713	97 APC	12
chr9	123907111	123907247	136 CNTRL	19
chr19	6213940	6214059	119 MLLT1	9
chr7	128851467	128851621	154 SMO	11
chrX	76912040	76912153	113 ATRX	13
chr17	48276577	48276698	121 COL1A1	5
chr7	140508682	140508805	123 BRAF	4
chrX	76891396	76891557	161 ATRX	16
chr12	112890989	112891201	212 PTPN11	4
chr19	5240200	5240353	153 PTPRS	11
chr6	167412891	167413012	121 FGFR1OP	1
chr9	5077443	5077590	147 JAK2	13
chrX	70352217	70352398	181 MED12	31

31115bps (1.7%)

Average-Coverage (fold) based on 76 cases

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COSMIC CNACER GENES

669 genes

9236 exons

1792284bps (100%)