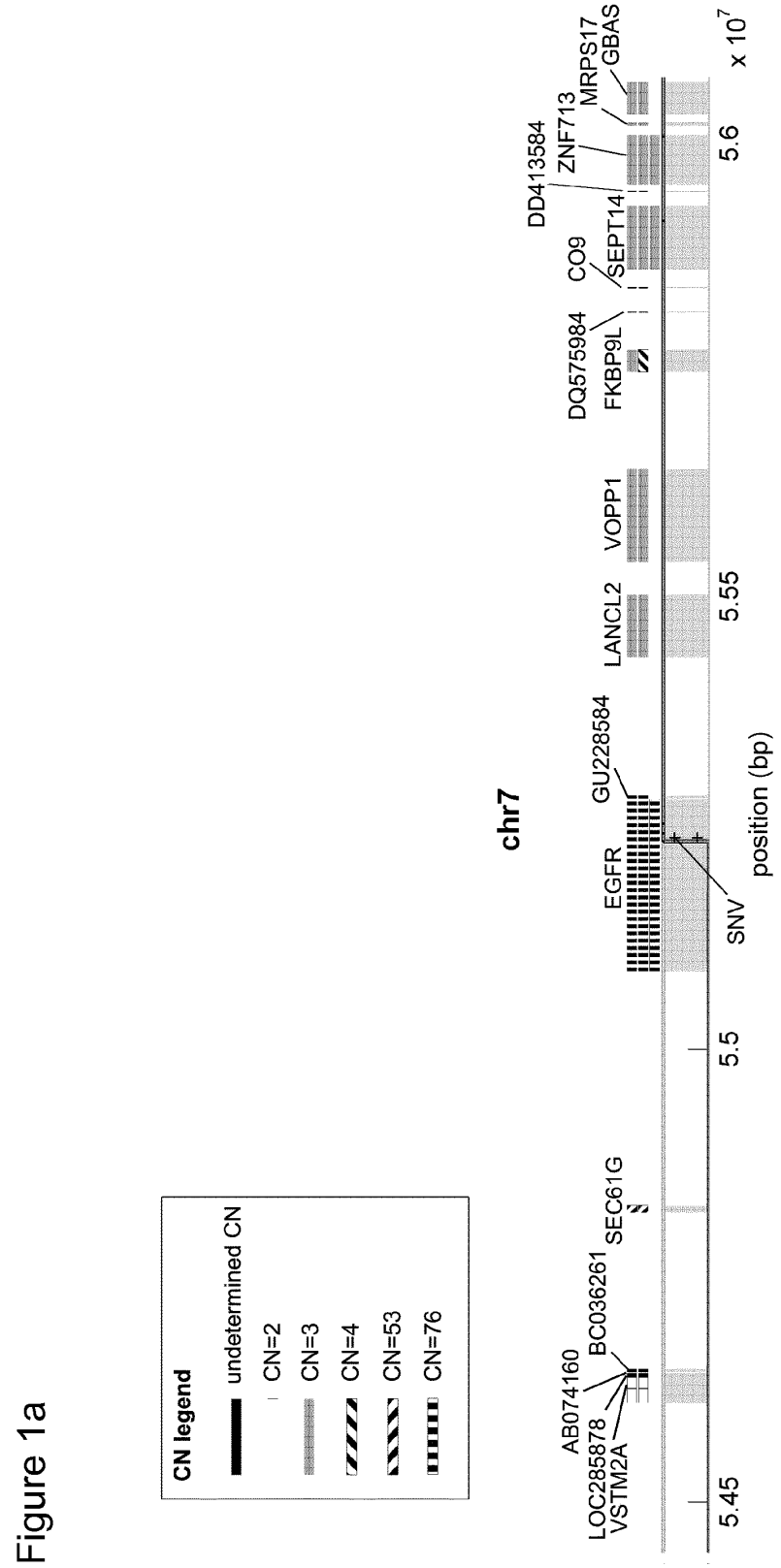
Figure 1a


CN legend
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CN=3
CN=4
CN=53
CN=76
chr7
AB074160
BC036261
LOC285878
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SEC61G
EGFR
GU228584
LANCL2
VOPP1
DQ575984
FKBP9L
CO9
SEPT14
DD413584
ZNF713
MRPS17
GBAS
SNV
5.45
5.5
5.55
5.6
position (bp)
x 10^7

chr_pos (0 based)	gene	CN w/ EC	Cx	VAF=Nx_Q30/(Nx_Q30+Nz_Q30)	rho	FLRT+u	Site classification	Clone type	wt nt	mut nt
chr7_55233108	EGFR	76	13	0,165	0,968	-284,984	SOMATIC_HI	?	G	A
chr3_50387202	NPRL2	4	1	0,262	1,126	-80,215	SOMATIC_HI	FIXED	G	A
chr7_100677038	MUC17	3	1	0,26	0,858	-216,9	SOMATIC_HI	FIXED	C	T
chr16_1412528	GNPTG	3	2	0,545	0,9	-64,0632	SOMATIC_HI	?	C	T
chr17_46607714	HOXB1	3	1	0,286	0,943	-20,1572	SOMATIC_HI	FIXED	C	A
chr1_154148651	TPM3	2	1	0,247	0,568	-34,0489	SOMATIC_HI	not fixed (>4 std)	G	A
chr1_161206280	NR1I3,TOMM40L	2	1	0,224	0,515	-21,4224	SOMATIC_HI	not fixed (>4 std)	C	T
chr2_198950755	PLCL1	2	1	0,437	1,005	-63,2453	SOMATIC_HI	FIXED	G	A
chr2_219255986	SLC11A1	2	1	0,392	0,9	-54,2955	SOMATIC_HI	FIXED	G	A
chr2_220422919	OBSL1	2	1	0,361	0,83	-14,37	SOMATIC_HI	FIXED	T	C
chr3_45077082	CLEC3B	2	1	0,329	0,756	-26,0748	SOMATIC_HI	FIXED	C	T
chr3_137796432	DZIP1L	2	1	0,428	0,984	-114,485	SOMATIC_HI	FIXED	C	T

Figure 1b

chr_pos (0 based)	gene	CN w/ EC	Cx	VAF= Nx_Q30/(Nx_Q30+Nz_Q30)	rho	FLRT+u	Site classification	Clone type	wt nt	mut nt
chr13_96437970	OXGR1	5	4	0,743	0,948	-915,97	SOMATIC_HI	?	G	A
chr13_19694928	GJB6	4	3	0,675	0,923	-328,977	SOMATIC_HI	?	G	A
chr13_75293476	LMO7	4	3	0,749	1,025	-795,252	SOMATIC_HI	?	C	T
chr15_43349693	SLC28A2	4	3	0,689	0,943	-290,407	SOMATIC_HI	?	G	A
chr15_52647370	UNC13C	4	3	0,679	0,929	-165,72	SOMATIC_HI	?	C	T
chr15_64514504	MAP2K1	4	3	0,736	1,008	-206,449	SOMATIC_HI	?	A	C
chr15_71819607	C15orf59	4	3	0,679	0,929	-1035,86	SOMATIC_HI	?	A	C
chr15_72751030	EDC3	4	3	0,789	1,079	-314,949	SOMATIC_HI	?	C	T
chr15_77373587	ANKRD34C	4	3	0,706	0,966	-1559,58	SOMATIC_HI	?	G	A
chr15_78256958	FAH	4	3	0,66	0,903	-187,055	SOMATIC_HI	?	C	T
chr15_97489976	KIAA0353,SYNM	4	3	0,714	0,977	-845,185	SOMATIC_HI	?	C	A
chr14_57007978	C14orf105	3	2	0,698	1,084	-522,497	SOMATIC_HI	?	C	T
chr15_82964944	ZSCAN2	3	2	0,703	1,091	-418,868	SOMATIC_HI	?	C	T
chr17_59374140	SCN4A	3	2	0,654	1,015	-241,549	SOMATIC_HI	?	G	A
chr17_65683550	KCNJ2	3	2	0,636	0,988	-419,633	SOMATIC_HI	?	A	T
chr17_76839795	SLC38A10	3	2	0,627	0,973	-172,683	SOMATIC_HI	?	C	T
chr17_76839796	SLC38A10	3	2	0,634	0,984	-173,545	SOMATIC_HI	?	C	T
chr17_77439455	THOC4	3	2	0,653	1,014	-456,673	SOMATIC_HI	?	G	A
chr20_42341837	GDAP1L1	3	2	0,672	1,043	-465,294	SOMATIC_HI	?	G	A
chr20_43919430	ACOT8	3	2	0,664	1,032	-290,253	SOMATIC_HI	?	C	T

Figure 2

chr_pos (0 based)	gene	CN w/ EC	Cx	VAF=Nx_Q30/(Nx_Q30+Nz_Q30)	rho	FLRT+u	Site classification	Clone type	wt nt	mut nt	Essential
chr2_179534236	CCDC141	4	4	0,929	1,004	-22,8242	SOMATIC_HI	?	G	A	
chr7_12375969	AK027618	4	4	0,97	1,049	-633,922	SOMATIC_HI	?	C	T	
chr7_92598706	SAMD9L	4	4	0,917	0,991	-936,399	SOMATIC_HI	?	G	A	
chr7_134295381	**CALD1,OK/SW-cl.14**	4	4	0,934	1,01	-149,83	SOMATIC_HI	?	G	A	**Y**
chr7_140099604	**BRAF**	4	4	0,964	1,043	-97,1867	SOMATIC_HI	?	A	T	**Y**
chr7_150020820	GIMAP1,GIMAP2	4	4	0,929	1,005	-944,995	SOMATIC_HI	?	G	A	
chr10_50202438	C10orf71	2	2	0,881	1,024	-339,266	SOMATIC_HI	?	G	A	
chr10_96272140	TBC1D12	2	2	0,857	0,997	-70,1344	SOMATIC_HI	?	C	T	
chr10_96474217	CYP2C18,CYP2C19	2	2	0,834	0,97	-346,631	SOMATIC_HI	?	C	T	
chr10_96530337	CYP2C19	2	2	0,752	0,874	-141,696	SOMATIC_HI	?	C	T	
chr10_123960572	TACC2	2	2	0,794	0,923	-86,3343	SOMATIC_HI	?	C	T	
chr10_134068510	PWWP2B	2	2	0,905	1,052	-32,7025	SOMATIC_HI	?	C	T	
chr11_77405330	KCTD14	2	2	0,838	0,975	-135,186	SOMATIC_HI	?	C	T	
chr5_13863324	**DNAH5**	2	2	0,93	1,082	-69,8589	SOMATIC_HI	?	G	A	**Y**
chr5_27024137	CDH9	2	2	0,815	0,947	-35,6228	SOMATIC_HI	?	G	A	
chr5_35101295	PRLR	2	2	0,93	1,081	-322,993	SOMATIC_HI	?	C	T	
chr5_140167962	PCDHA1,PCDHA2,PCDHA3,PCDHA4	2	2	0,836	0,972	-235,309	SOMATIC_HI	?	T	C	
chr5_140533761	PCDHB7	2	2	0,845	0,983	-235,171	SOMATIC_HI	?	G	A	
chr6_46929663	GPR116	2	2	0,887	1,032	-214,582	SOMATIC_HI	?	C	T	
chr8_17107646	ZDHHC2	2	2	0,881	1,025	-150,986	SOMATIC_HI	?	T	C	
chr8_22323567	SLC39A14	2	2	0,852	0,991	-38,2677	SOMATIC_HI	?	C	T	
chr9_21961095	CDKN2A,MTAP	2	2	0,851	0,989	-94,7646	SOMATIC_HI	?	C	A	

Figure 3