Oncomine focus assay NGS data

Locus	Type	*Genes*	Ref	3PAR	3CRR	3CAR
chr1:11174372	CNV	*MTOR*		1p36.22(11174372-11217311)x1.58	1p36.22(11174372-11217311)x1.61	1p36.22(11174372-11217311)x1.62
chr1:65310459	CNV	*JAK1*		1p31.3(65310459-65312407)x2.41	1p31.3(65310459-65312407)x2.49	1p31.3(65310459-65312407)x2.33
chr1:115252190	CNV	*NRAS*		1p13.2(115252190-115258774)x2.23	1p13.2(115252190-115258774)x2.46	1p13.2(115252190-115258774)x2.24
chr1:162724505	CNV	*DDR2*		1q23.3(162724505-162724631)x2.45	1q23.3(162724505-162724631)x2.72	1q23.3(162724505-162724631)x2.47
chr2:16080662	CNV	*MYCN*		2p24.3(16080662-16086633)x2.03	2p24.3(16080662-16086633)x2	2p24.3(16080662-16086633)x2.07
chr2:29416075	CNV	*ALK*		2p23.2(29416075-29498030)x2.39	2p23.2(29416075-29498030)x2.29	2p23.2(29416075-29498030)x2.43
chr2:29416572	SNV	*ALK*	T	C/C	C/C	C/C
chr2:209113103	CNV	*IDH1*		2q34(209113103-209113206)x2.61	2q34(209113103-209113206)x2.96	2q34(209113103-209113206)x3.24
chr2:212488707	CNV	*ERBB4*		2q34(212488707-212488800)x1.71	2q34(212488707-212488800)x1.68	2q34(212488707-212488800)x1.66
chr3:12632341	CNV	*RAF1*		3p25.2(12632341-12645734)x1.5	3p25.2(12632341-12645734)x1.76	3p25.2(12632341-12645734)x1.62
chr3:41266029	CNV	*CTNNB1*		3p22.1(41266029-41266147)x2	3p22.1(41266029-41266147)x1.93	3p22.1(41266029-41266147)x1.92
chr3:178916682	CNV	*PIK3CA*		3q26.32(178916682-178952097)x2.08	3q26.32(178916682-178952097)x2.25	3q26.32(178916682-178952097)x2.17
chr3:178922274	SNV	*PIK3CA*	C	A/A	A/A	A/A
chr3:182672771	CNV	*DCUN1D1*		3q26.33(182672771-182697013)x1.78	3q26.33(182672771-182697013)x1.7	3q26.33(182672771-182697013)x1.59
chr4:1797210	CNV	*FGFR3*		4p16.3(1797210-1809563)x2.79	4p16.3(1797210-1809563)x3.22	4p16.3(1797210-1809563)x3.12
chr4:1807894	SNV	*FGFR3*	G	A/A	A/A	A/A
chr4:55097714	CNV	*PDGFRA*		4q12(55097714-55161948)x1.4	4q12(55097714-55161948)x1.52	4q12(55097714-55161948)x1.35
chr4:55141055	SNV	*PDGFRA*	A	G/G	G/G	G/G
chr4:55529116	CNV	*KIT*		4q12(55529116-55599362)x1.39	4q12(55529116-55599362)x1.47	4q12(55529116-55599362)x1.36
chr4:55566266	SNV	*KIT*	G	A/A	A/A	A/A
chr4:55593464	SNV	*KIT*	A	C/C	C/C	C/C
chr5:112043350	CNV	*APC*		5q22.2(112043350-112175580)x1.43	5q22.2(112043350-112175580)x1.43	5q22.2(112043350-112175580)x1.37
chr5:176517311	CNV	*FGFR4*		5q35.2(176517311-176524387)x1.57	5q35.2(176517311-176524387)x1.88	5q35.2(176517311-176524387)x1.64
chr5:176517985	SNV	*FGFR4*	A	A/G	A/G	A/G
chr6:117638332	CNV	*ROS1*		6q22.1(117638332-117641147)x1.37	6q22.1(117638332-117641147)x1.39	6q22.1(117638332-117641147)x1.4
chr6:152419909	CNV	*ESR1*		6q25.1(152419909-152420029)x1.62	6q25.1(152419909-152420029)x1.76	6q25.1(152419909-152420029)x1.51
chr7:55087058-chr7:55223522	FUSION	*EGFR(1)-EGFR(8)*	G	Absent, READ_COUNT<=120	Present	Absent, READ_COUNT<=120

chr7:55198955	CNV	*EGFR*		7p11.2(55198955-55259538)x37.1	7p11.2(55198955-55259538)x46.31	7p11.2(55198955-55259538)x42.75
chr7:55242465	INDEL	*EGFR*	GGAATTAAGAGAAGCAACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT
chr7:55242465	INDEL	*EGFR*	GGAATTAAGAGAAGCAACATCTCCGA	GACATCTCCGA/GACATCTCCGA	GACATCTCCGA/GACATCTCCGA	GACATCTCCGA/GACATCTCCGA
chr7:55249063	SNV	*EGFR, EGFR-AS1*	G	A/A	A/A	A/A
chr7:92245594	CNV	*CDK6*		7q21.2(92245594-92442299)x2.46	7q21.2(92245594-92442299)x2.71	7q21.2(92245594-92442299)x2.53
chr7:92286918	SNV	*CDK6*	A	G/G	G/G	G/G
chr7:92383775	SNV	*CDK6*	C	C/T	C/T	C/T
chr7:116313479	CNV	*MET*		7q31.2(116313479-116434565)x11.44	7q31.2(116313479-116434565)x11.29	7q31.2(116313479-116434565)x11.3
chr7:128845492	CNV	*SMO*		7q32.1(128845492-128850363)x2.29	7q32.1(128845492-128850363)x2.61	7q32.1(128845492-128850363)x2.44
chr7:140434389	CNV	*BRAF*		7q34(140434389-140507865)x1.56	7q34(140434389-140507865)x1.96	7q34(140434389-140507865)x1.69
chr8:38271444	CNV	*FGFR1*		8p11.23p11.22(38271444-38315089)x1.36	8p11.23p11.22(38271444-38315089)x1.6	8p11.23p11.22(38271444-38315089)x1.52
chr8:128748884	CNV	*MYC*		8q24.21(128748884-128753261)x7.88	8q24.21(128748884-128753261)x7.89	8q24.21(128748884-128753261)x7.95
chr9:5073729	CNV	*JAK2*		9p24.1(5073729-5073857)x1.94	9p24.1(5073729-5073857)x2.28	9p24.1(5073729-5073857)x2.17
chr9:80409375	CNV	*GNAQ*		9q21.2(80409375-80412545)x2.24	9q21.2(80409375-80412545)x1.97	9q21.2(80409375-80412545)x2
chr10:43609066	CNV	*RET*		10q11.21(43609066-43617433)x1.58	10q11.21(43609066-43617433)x1.82	10q11.21(43609066-43617433)x1.72
chr10:43613843	SNV	*RET*	G	T/T	T/T	T/T
chr10:123247504	CNV	*FGFR2*		10q26.13(123247504-123354466)x1.42	10q26.13(123247504-123354466)x1.47	10q26.13(123247504-123354466)x1.44
chr11:533812	CNV	*HRAS*		11p15.5(533812-534351)x1.43	11p15.5(533812-534351)x1.86	11p15.5(533812-534351)x1.61
chr11:69456941	CNV	*CCND1*		11q13.3(69456941-69467039)x2.88	11q13.3(69456941-69467039)x2.83	11q13.3(69456941-69467039)x2.77
chr11:102234186	CNV	*BIRC2*		11q22.2(102234186-102248277)x2.65	11q22.2(102234186-102248277)x2.95	11q22.2(102234186-102248277)x2.59
chr11:102238607	SNV	*BIRC2*	A	G/G	G/G	G/G
chr12:25364760	CNV	*KRAS*		12p12.1(25364760-25400274)x2.75	12p12.1(25364760-25400274)x2.71	12p12.1(25364760-25400274)x2.72
chr12:25386063	SNV	*KRAS*	C	A/A	A/A	A/A
chr12:56477589	CNV	*ERBB3*		12q13.2(56477589-56482652)x2.34	12q13.2(56477589-56482652)x2.55	12q13.2(56477589-56482652)x2.39
chr12:56477694	SNV	*ERBB3*	A	T/T	T/T	T/T
chr12:58142051	CNV	*CDK4*		12q14.1(58142051-58146026)x32.06	12q14.1(58142051-58146026)x35.55	12q14.1(58142051-58146026)x31.58
chr14:105246445	CNV	*AKT1*		14q32.33(105246445-105246583)x2.03	14q32.33(105246445-105246583)x2.35	14q32.33(105246445-105246583)x2.19
chr15:66727413	CNV	*MAP2K1*		15q22.31(66727413-66774199)x1.67	15q22.31(66727413-66774199)x1.66	15q22.31(66727413-66774199)x1.73

chr15:90631824	CNV	*IDH2*		15q26.1(90631824-90631954)x1.54	15q26.1(90631824-90631954)x1.87	15q26.1(90631824-90631954)x1.65
chr17:29422232	CNV	*NF1*		17q11.2(29422232-29685527)x1.58	17q11.2(29422232-29685527)x1.68	17q11.2(29422232-29685527)x1.4
chr17:37868125	CNV	*ERBB2*		17q12(37868125-37883249)x3.16	17q12(37868125-37883249)x3.91	17q12(37868125-37883249)x5.97
chr17:41203047	CNV	*BRCA1*		17q21.31(41203047-41276121)x1.87	17q21.31(41203047-41276121)x2.17	17q21.31(41203047-41276121)x1.89
chr19:3114966	CNV	*GNA11*		19p13.3(3114966-3118973)x1.08	19p13.3(3114966-3118973)x1.57	19p13.3(3114966-3118973)x1.33
chr19:4117517	CNV	*MAP2K2*		19p13.3(4117517-4117645)x1.36	19p13.3(4117517-4117645)x1.4	19p13.3(4117517-4117645)x1.39
chr19:17945893	CNV	*JAK3*		19p13.11(17945893-17949191)x2.33	19p13.11(17945893-17949191)x2.44	19p13.11(17945893-17949191)x2.52
chrX:66776185	CNV	*AR*		Xq12(66776185-66945230)x2.06	Xq12(66776185-66945230)x2.23	Xq12(66776185-66945230)x2.07
chrX:70339116	CNV	*MED12*		Xq13.1(70339116-70349268)x2.36	Xq13.1(70339116-70349268)x2.59	Xq13.1(70339116-70349268)x2.58
Locus	Type	*Genes*	Ref	8PAR	8CRR	8CAR
chr1:11174372	CNV	*MTOR*		1p36.22(11174372-11217311)x1.66	1p36.22(11174372-11217311)x1.64	1p36.22(11174372-11217311)x1.61
chr1:65310459	CNV	*JAK1*		1p31.3(65310459-65312407)x2.3	1p31.3(65310459-65312407)x2.53	1p31.3(65310459-65312407)x2.52
chr1:115252190	CNV	*NRAS*		1p13.2(115252190-115258774)x2.33	1p13.2(115252190-115258774)x2.28	1p13.2(115252190-115258774)x2.46
chr1:162724505	CNV	*DDR2*		1q23.3(162724505-162724631)x2.59	1q23.3(162724505-162724631)x2.19	1q23.3(162724505-162724631)x2.35
chr2:16080662	CNV	*MYCN*		2p24.3(16080662-16086633)x1.67	2p24.3(16080662-16086633)x2	2p24.3(16080662-16086633)x2.15
chr2:29416075	CNV	*ALK*		2p23.2(29416075-29498030)x2	2p23.2(29416075-29498030)x2.2	2p23.2(29416075-29498030)x2.27
chr2:29416572	SNV	*ALK*	T	C/C	C/C	C/C
chr2:209113103	CNV	*IDH1*		2q34(209113103-209113206)x2.71	2q34(209113103-209113206)x2.88	2q34(209113103-209113206)x3.14
chr2:212488707	CNV	*ERBB4*		2q34(212488707-212488800)x1.84	2q34(212488707-212488800)x1.9	2q34(212488707-212488800)x2
chr3:12632341	CNV	*RAF1*		3p25.2(12632341-12645734)x1.76	3p25.2(12632341-12645734)x1.81	3p25.2(12632341-12645734)x1.74
chr3:41266029	CNV	*CTNNB1*		3p22.1(41266029-41266147)x2	3p22.1(41266029-41266147)x1.99	3p22.1(41266029-41266147)x1.76
chr3:178916682	CNV	*PIK3CA*		3q26.32(178916682-178952097)x2.19	3q26.32(178916682-178952097)x2.48	3q26.32(178916682-178952097)x2.46
chr3:178922274	SNV	*PIK3CA*	C	A/A	A/A	A/A
chr3:182672771	CNV	*DCUN1D1*		3q26.33(182672771-182697013)x1.65	3q26.33(182672771-182697013)x2.17	3q26.33(182672771-182697013)x1.75
chr4:1797210	CNV	*FGFR3*		4p16.3(1797210-1809563)x2.66	4p16.3(1797210-1809563)x2.57	4p16.3(1797210-1809563)x2.8
chr4:1807894	SNV	*FGFR3*	G	A/A	A/A	A/A
chr4:55097714	CNV	*PDGFRA*		4q12(55097714-55161948)x1.45	4q12(55097714-55161948)x1.64	4q12(55097714-55161948)x1.52

chr4:55141055	SNV	*PDGFRA*	A	G/G	G/G	G/G
chr4:55529116	CNV	*KIT*		4q12(55529116-55599362)x1.42	4q12(55529116-55599362)x1.46	4q12(55529116-55599362)x1.42
chr4:55566266	SNV	*KIT*	G	A/A		A/A
chr4:55593464	SNV	*KIT*	A	C/C	C/C	C/C
chr5:112043350	CNV	*APC*		5q22.2(112043350-112175580)x1.64	5q22.2(112043350-112175580)x1.53	5q22.2(112043350-112175580)x1.53
chr5:176517311	CNV	*FGFR4*		5q35.2(176517311-176524387)x1.74	5q35.2(176517311-176524387)x2.19	5q35.2(176517311-176524387)x2.38
chr5:176517985	SNV	*FGFR4*	A	A/G	A/G	A/G
chr6:117638332	CNV	*ROS1*		6q22.1(117638332-117641147)x1.58	6q22.1(117638332-117641147)x1.39	6q22.1(117638332-117641147)x1.53
chr6:152419909	CNV	*ESR1*		6q25.1(152419909-152420029)x1.39	6q25.1(152419909-152420029)x1.24	6q25.1(152419909-152420029)x1.34
chr7:55087058-chr7:55223522	FUSION	*EGFR(1)-EGFR(8)*	G	Absent, READ_COUNT<=120	Present	Absent, READ_COUNT<=120
chr7:55198955	CNV	*EGFR*		7p11.2(55198955-55259538)x21.48	7p11.2(55198955-55259538)x31.53	7p11.2(55198955-55259538)x22.43
chr7:55242465	INDEL	*EGFR*	GGAATTAAGAGAAGCAACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT
chr7:55242465	INDEL	*EGFR*	GGAATTAAGAGAAGCAACATCTCCGA	GACATCTCCGA/GACATCTCCGA	GACATCTCCGA/GACATCTCCGA	GACATCTCCGA/GACATCTCCGA
chr7:55249063	SNV	*EGFR, EGFR-AS1*	G	A/A	A/A	A/A
chr7:92245594	CNV	*CDK6*		7q21.2(92245594-92442299)x2.38	7q21.2(92245594-92442299)x2.76	7q21.2(92245594-92442299)x2.64
chr7:92286918	SNV	*CDK6*	A	G/G	G/G	G/G
chr7:92383775	SNV	*CDK6*	C	C/T	C/T	C/T
chr7:116313479	CNV	*MET*		7q31.2(116313479-116434565)x15.48	7q31.2(116313479-116434565)x15.72	7q31.2(116313479-116434565)x15.73
chr7:128845492	CNV	*SMO*		7q32.1(128845492-128850363)x2.08	7q32.1(128845492-128850363)x2.36	7q32.1(128845492-128850363)x2.35
chr7:140434389	CNV	*BRAF*		7q34(140434389-140507865)x1.51	7q34(140434389-140507865)x1.84	7q34(140434389-140507865)x1.87
chr8:38271444	CNV	*FGFR1*		8p11.23p11.22(38271444-38315089)x1.46	8p11.23p11.22(38271444-38315089)x1.36	8p11.23p11.22(38271444-38315089)x1.46
chr8:128748884	CNV	*MYC*		8q24.21(128748884-128753261)x7.78	8q24.21(128748884-128753261)x7.42	8q24.21(128748884-128753261)x7.64
chr9:5073729	CNV	*JAK2*		9p24.1(5073729-5073857)x2.12	9p24.1(5073729-5073857)x2.08	9p24.1(5073729-5073857)x1.91
chr9:80409375	CNV	*GNAQ*		9q21.2(80409375-80412545)x3.2	9q21.2(80409375-80412545)x2.56	9q21.2(80409375-80412545)x2.47
chr10:43609066	CNV	*RET*		10q11.21(43609066-43617433)x1.64	10q11.21(43609066-43617433)x1.55	10q11.21(43609066-43617433)x1.63
chr10:43613843	SNV	*RET*	G	T/T	T/T	T/T
chr10:123247504	CNV	*FGFR2*		10q26.13(123247504-123354466)x1.41	10q26.13(123247504-123354466)x1.36	10q26.13(123247504-123354466)x1.51
chr11:533812	CNV	*HRAS*		11p15.5(533812-534351)x1.48	11p15.5(533812-534351)x1.37	11p15.5(533812-534351)x1.54

chr11:69456941	CNV	*CCND1*		11q13.3(69456941-69467039)x2.05	11q13.3(69456941-69467039)x1.86	11q13.3(69456941-69467039)x2.09
chr11:102234186	CNV	*BIRC2*		11q22.2(102234186-102248277)x2.24	11q22.2(102234186-102248277)x1.89	11q22.2(102234186-102248277)x1.42
chr11:102238607	SNV	*BIRC2*	A	G/G	G/G	G/G
chr12:25364760	CNV	*KRAS*		12p12.1(25364760-25400274)x2.82	12p12.1(25364760-25400274)x2.93	12p12.1(25364760-25400274)x3
chr12:25386063	SNV	*KRAS*	C	A/A	A/A	A/A
chr12:56477589	CNV	*ERBB3*		12q13.2(56477589-56482652)x2.61	12q13.2(56477589-56482652)x2.31	12q13.2(56477589-56482652)x2.28
chr12:56477694	SNV	*ERBB3*	A	T/T	T/T	T/T
chr12:58142051	CNV	*CDK4*		12q14.1(58142051-58146026)x36.65	12q14.1(58142051-58146026)x30.42	12q14.1(58142051-58146026)x33.09
chr14:105246445	CNV	*AKT1*		14q32.33(105246445-105246583)x2.01	14q32.33(105246445-105246583)x1.96	14q32.33(105246445-105246583)x1.83
chr15:66727413	CNV	*MAP2K1*		15q22.31(66727413-66774199)x1.8	15q22.31(66727413-66774199)x1.51	15q22.31(66727413-66774199)x1.65
chr15:90631824	CNV	*IDH2*		15q26.1(90631824-90631954)x1.46	15q26.1(90631824-90631954)x1.55	15q26.1(90631824-90631954)x1.57
chr17:29422232	CNV	*NF1*		17q11.2(29422232-29685527)x1.49	17q11.2(29422232-29685527)x1.66	17q11.2(29422232-29685527)x1.75
chr17:37868125	CNV	*ERBB2*		17q12(37868125-37883249)x3.24	17q12(37868125-37883249)x7.06	17q12(37868125-37883249)x6.9
chr17:41203047	CNV	*BRCA1*		17q21.31(41203047-41276121)x2.17	17q21.31(41203047-41276121)x2.47	17q21.31(41203047-41276121)x2.17
chr19:3114966	CNV	*GNA11*		19p13.3(3114966-3118973)x1.08	19p13.3(3114966-3118973)x1.1	19p13.3(3114966-3118973)x1.35
chr19:4117517	CNV	*MAP2K2*		19p13.3(4117517-4117645)x1.49	19p13.3(4117517-4117645)x1.23	19p13.3(4117517-4117645)x1.43
chr19:17945893	CNV	*JAK3*		19p13.11(17945893-17949191)x2.15	19p13.11(17945893-17949191)x2.03	19p13.11(17945893-17949191)x2.3
chrX:66776185	CNV	*AR*		Xq12(66776185-66945230)x2.06	Xq12(66776185-66945230)x1.96	Xq12(66776185-66945230)x2.23
chrX:70339116	CNV	*MED12*		Xq13.1(70339116-70349268)x2.55	Xq13.1(70339116-70349268)x2.06	Xq13.1(70339116-70349268)x2.45
Locus	Type	*Genes*	Ref	12PAR	12CRR	12CAR
chr1:11174372	CNV	*MTOR*		1p36.22(11174372-11217311)x1.61	1p36.22(11174372-11217311)x1.76	1p36.22(11174372-11217311)x1.97
chr1:65310459	CNV	*JAK1*		1p31.3(65310459-65312407)x2.46	1p31.3(65310459-65312407)x2.52	1p31.3(65310459-65312407)x2.64
chr1:115252190	CNV	*NRAS*		1p13.2(115252190-115258774)x2.29	1p13.2(115252190-115258774)x2.3	1p13.2(115252190-115258774)x2.29
chr1:162724505	CNV	*DDR2*		1q23.3(162724505-162724631)x2.31	1q23.3(162724505-162724631)x2.63	1q23.3(162724505-162724631)x2.74
chr2:16080662	CNV	*MYCN*		2p24.3(16080662-16086633)x2	2p24.3(16080662-16086633)x2.23	2p24.3(16080662-16086633)x2.58
chr2:29416075	CNV	*ALK*		2p23.2(29416075-29498030)x2.33	2p23.2(29416075-29498030)x2.42	2p23.2(29416075-29498030)x2.65
chr2:29416572	SNV	*ALK*	T	C/C	C/C	C/C

chr2:209113103	CNV	*IDH1*		2q34(209113103-209113206)x3.1	2q34(209113103-209113206)x3.47	2q34(209113103-209113206)x3.73
chr2:212488707	CNV	*ERBB4*		2q34(212488707-212488800)x1.8	2q34(212488707-212488800)x2.08	2q34(212488707-212488800)x2.25
chr3:12632341	CNV	*RAF1*		3p25.2(12632341-12645734)x1.79	3p25.2(12632341-12645734)x1.79	3p25.2(12632341-12645734)x1.91
chr3:41266029	CNV	*CTNNB1*		3p22.1(41266029-41266147)x1.96	3p22.1(41266029-41266147)x2	3p22.1(41266029-41266147)x1.96
chr3:178916682	CNV	*PIK3CA*		3q26.32(178916682-178952097)x2.26	3q26.32(178916682-178952097)x2.19	3q26.32(178916682-178952097)x2.33
chr3:178922274	SNV	*PIK3CA*	C	A/A	A/A	A/A
chr3:182672771	CNV	*DCUN1D1*		3q26.33(182672771-182697013)x2.01	3q26.33(182672771-182697013)x1.66	3q26.33(182672771-182697013)x1.74
chr4:1797210	CNV	*FGFR3*		4p16.3(1797210-1809563)x2.78	4p16.3(1797210-1809563)x2.94	4p16.3(1797210-1809563)x3.07
chr4:1807894	SNV	*FGFR3*	G	A/A	A/A	A/A
chr4:55097714	CNV	*PDGFRA*		4q12(55097714-55161948)x1.48	4q12(55097714-55161948)x1.37	4q12(55097714-55161948)x1.46
chr4:55141055	SNV	*PDGFRA*	A	G/G	G/G	G/G
chr4:55529116	CNV	*KIT*		4q12(55529116-55599362)x1.45	4q12(55529116-55599362)x1.54	4q12(55529116-55599362)x1.52
chr4:55529143	SNV	*KIT*	T	T/C		T/C
chr4:55529144	SNV	*KIT*	T	T/C	T/C	T/C
chr4:55529164	SNV	*KIT*	A		A/C	
chr4:55529165	SNV	*KIT*	A	A/C	A/C	
chr4:55529166	SNV	*KIT*	A	A/C	A/C	
chr4:55566266	SNV	*KIT*	G	A/A	A/A	
chr4:55593464	SNV	*KIT*	A	C/C	C/C	C/C
chr5:112043350	CNV	*APC*		5q22.2(112043350-112175580)x1.56	5q22.2(112043350-112175580)x1.61	5q22.2(112043350-112175580)x1.83
chr5:176517311	CNV	*FGFR4*		5q35.2(176517311-176524387)x1.59	5q35.2(176517311-176524387)x1.78	5q35.2(176517311-176524387)x1.72
chr5:176517985	SNV	*FGFR4*	A	A/G	A/G	
chr6:117638332	CNV	*ROS1*		6q22.1(117638332-117641147)x1.39	6q22.1(117638332-117641147)x1.54	6q22.1(117638332-117641147)x1.6
chr6:152419909	CNV	*ESR1*		6q25.1(152419909-152420029)x1.42	6q25.1(152419909-152420029)x1.54	6q25.1(152419909-152420029)x1.54
chr7:55087058-chr7:55223522	FUSION	*EGFR(1)-EGFR(8)*	G	Absent, READ_COUNT<=120	Present	Absent, READ_COUNT<=120
chr7:55198955	CNV	*EGFR*		7p11.2(55198955-55259538)x44.51	7p11.2(55198955-55259538)x42.69	7p11.2(55198955-55259538)x46.45
chr7:55242465	INDEL	*EGFR*	GGAATTAAGAGAAGCAACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT	GGAATTAAGAGAAGCAACATCT/GACATCT
chr7:55242465	INDEL	*EGFR*	GGAATTAAGAGAAGCAACATCTCCGA	GACATCTCCGA/GACATCTCCGA	GACATCTCCGA/GACATCTCCGA	GACATCTCCGA/GACATCTCCGA

chr7:55242469	INDEL	*EGFR*	TTAAGAGAAGCAACATCTCCGAAAGC		TTAAGAGAAGCAACATCTCCGAAAGC/CAATCTCCGAAAGC	
chr7:55249063	SNV	*EGFR, EGFR-AS1*	G	A/A	A/A	A/A
chr7:92245594	CNV	*CDK6*		7q21.2(92245594-92442299)x2.71	7q21.2(92245594-92442299)x2.75	7q21.2(92245594-92442299)x2.99
chr7:92286918	SNV	*CDK6*	A	G/G	G/G	G/G
chr7:92383775	SNV	*CDK6*	C	C/T	C/T	C/T
chr7:116313479	CNV	*MET*		7q31.2(116313479-116434565)x14.91	7q31.2(116313479-116434565)x16.51	7q31.2(116313479-116434565)x16.01
chr7:128845492	CNV	*SMO*		7q32.1(128845492-128850363)x2.54	7q32.1(128845492-128850363)x2.36	7q32.1(128845492-128850363)x2.6
chr7:140434389	CNV	*BRAF*		7q34(140434389-140507865)x1.9	7q34(140434389-140507865)x1.98	7q34(140434389-140507865)x2
chr8:38271444	CNV	*FGFR1*		8p11.23p11.22(38271444-38315089)x1.26	8p11.23p11.22(38271444-38315089)x1.15	8p11.23p11.22(38271444-38315089)x1.25
chr8:128748884	CNV	*MYC*		8q24.21(128748884-128753261)x6.47	8q24.21(128748884-128753261)x4.51	8q24.21(128748884-128753261)x5.65
chr9:5073729	CNV	*JAK2*		9p24.1(5073729-5073857)x1.87	9p24.1(5073729-5073857)x1.75	9p24.1(5073729-5073857)x1.75
chr9:80409375	CNV	*GNAQ*		9q21.2(80409375-80412545)x2.32	9q21.2(80409375-80412545)x2.15	9q21.2(80409375-80412545)x2.24
chr10:43609066	CNV	*RET*		10q11.21(43609066-43617433)x1.62	10q11.21(43609066-43617433)x1.8	10q11.21(43609066-43617433)x1.83
chr10:43613843	SNV	*RET*	G	T/T	T/T	T/T
chr10:123247504	CNV	*FGFR2*		10q26.13(123247504-123354466)x1.43	10q26.13(123247504-123354466)x1.64	10q26.13(123247504-123354466)x1.61
chr11:533812	CNV	*HRAS*		11p15.5(533812-534351)x1.57	11p15.5(533812-534351)x1.86	11p15.5(533812-534351)x1.75
chr11:69456941	CNV	*CCND1*		11q13.3(69456941-69467039)x2	11q13.3(69456941-69467039)x2.24	11q13.3(69456941-69467039)x2.25
chr11:102234186	CNV	*BIRC2*		11q22.2(102234186-102248277)x2.22	11q22.2(102234186-102248277)x2.45	11q22.2(102234186-102248277)x2.57
chr11:102238607	SNV	*BIRC2*	A	G/G	G/G	G/G
chr12:25364760	CNV	*KRAS*		12p12.1(25364760-25400274)x2.82	12p12.1(25364760-25400274)x2.47	12p12.1(25364760-25400274)x2.63
chr12:25386063	SNV	*KRAS*	C	A/A	A/A	A/A
chr12:56477589	CNV	*ERBB3*		12q13.2(56477589-56482652)x2.41	12q13.2(56477589-56482652)x1.76	12q13.2(56477589-56482652)x1.87
chr12:56477694	SNV	*ERBB3*	A	T/T	T/T	T/T
chr12:58142051	CNV	*CDK4*		12q14.1(58142051-58146026)x33.31	12q14.1(58142051-58146026)x31.96	12q14.1(58142051-58146026)x30.68
chr14:105246445	CNV	*AKT1*		14q32.33(105246445-105246583)x2.02	14q32.33(105246445-105246583)x1.57	14q32.33(105246445-105246583)x1.84
chr15:66727413	CNV	*MAP2K1*		15q22.31(66727413-66774199)x1.65	15q22.31(66727413-66774199)x1.6	15q22.31(66727413-66774199)x1.77
chr15:90631824	CNV	*IDH2*		15q26.1(90631824-90631954)x1.46	15q26.1(90631824-90631954)x1.6	15q26.1(90631824-90631954)x1.74
chr17:29422232	CNV	*NF1*		17q11.2(29422232-29685527)x1.51	17q11.2(29422232-29685527)x1.55	17q11.2(29422232-29685527)x1.74

chr17:37868125	CNV	*ERBB2*		17q12(37868125-37883249)x2.95	17q12(37868125-37883249)x2.9	17q12(37868125-37883249)x3.7
chr17:41203047	CNV	*BRCA1*		17q21.31(41203047-41276121)x2.17	17q21.31(41203047-41276121)x2.19	17q21.31(41203047-41276121)x2.35
chr19:3114966	CNV	*GNA11*		19p13.3(3114966-3118973)x1.01	19p13.3(3114966-3118973)x1.39	19p13.3(3114966-3118973)x1.27
chr19:4117517	CNV	*MAP2K2*		19p13.3(4117517-4117645)x1.19	19p13.3(4117517-4117645)x1.48	19p13.3(4117517-4117645)x1.71
chr19:17945893	CNV	*JAK3*		19p13.11(17945893-17949191)x2.21	19p13.11(17945893-17949191)x2.59	19p13.11(17945893-17949191)x2.57
chrX:66776185	CNV	*AR*		Xq12(66776185-66945230)x2.09	Xq12(66776185-66945230)x2.38	Xq12(66776185-66945230)x2.27
chrX:70339116	CNV	*MED12*		Xq13.1(70339116-70349268)x2.11	Xq13.1(70339116-70349268)x2.64	Xq13.1(70339116-70349268)x2.38