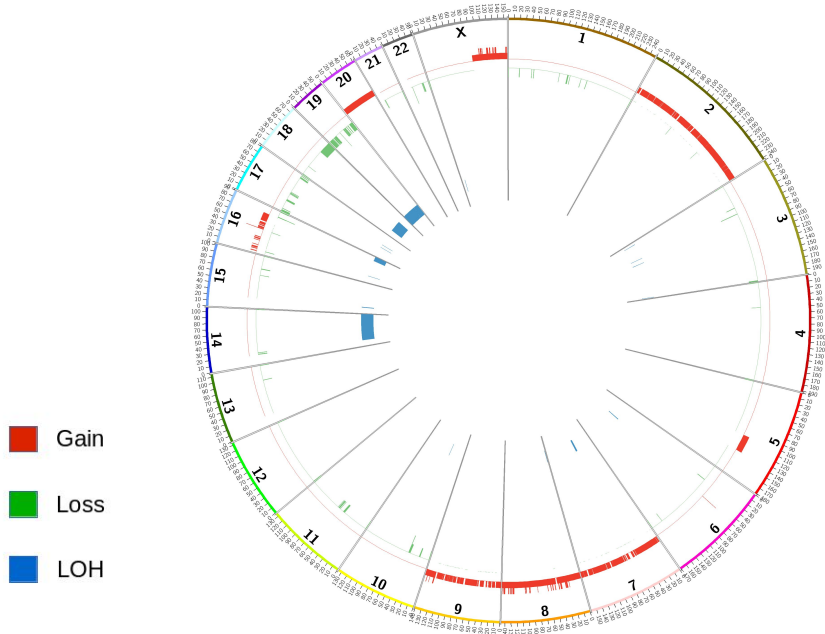


# COPY NUMBER ANALYSES

This section provides details of copy number alterations detected in the tumour, including gains and losses and loss of heterozygosity (LOH). Look in this section for details about potentially relevant genes within the copy change regions and their associated expression metrics.

## COPY NUMBER AND LOH

### SUMMARY OF COPY NUMBER EVENTS



## COPY NUMBER VARIANTS: GENOMIC DETAILS

### CNVs OF POTENTIAL CLINICAL RELEVANCE

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
AURKA	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33.21	17.35	9.38	36
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17.24	11.59	3.9	95
EGFR	+1	HET	Gain	7:p11.2	54265230	57538551	3.27	na	na	na
FGFR1	+2	HET	Gain	8:p11.23-p11.22	36999985	38329503	1.33	1.3	-7.57	16
MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	8.69	36.91	5.21	82

### CNVs OF PROGNOSTIC OR DIAGNOSTIC RELEVANCE

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
AURKA	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33	17.35	9.38	36
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17	11.59	3.9	95
EGFR	+1	HET	Gain	7:p11.2	54265230	57538551	3	na	na	na
FGFR1	+2	HET	Gain	8:p11.23-p11.22	36999985	38329503	1	1.3	-7.57	16
MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	9	36.91	5.21	82

### CNVs OF BIOLOGICAL RELEVANCE

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
AURKA	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33	17.35	9.38	36
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17	11.59	3.9	95
EGFR	+1	HET	Gain	7:p11.2	54265230	57538551	3	na	na	na
FGFR1	+2	HET	Gain	8:p11.23-p11.22	36999985	38329503	1	1.3	-7.57	16

## COPY NUMBER AND LOH

MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	9	36.91	5.21	82
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## COMMONLY AMPLIFIED ONCOGENES WITH COPY GAINS

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
AURKA	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33.21	17.35	9.38	36
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17.24	11.59	3.9	95
EGFR	+1	HET	Gain	7:p11.2	54265230	57538551	3.27	na	na	na
FGFR1	+2	HET	Gain	8:p11.23-p11.22	36999985	38329503	1.33	1.3	-7.57	16
MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	8.69	36.91	5.21	82

## HOMOZYGOUSLY DELETED TUMOUR SUPPRESSORS

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17.24	11.59	3.9	95
CREB3L2	+1	HET	Gain	7:q33-q35	136919899	144475329	7.56	32.97	2.68	100
ELF4	+2	NLOH	Gain	X:q25-q26.1	128429371	129737047	1.31	24.85	4.17	86
EML4	+1	HET	Gain	2:p22.1-p16.3	41521044	49446826	7.93	na	na	na
MAFB	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33.21	10.2	3.19	88
MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	8.69	36.91	5.21	82

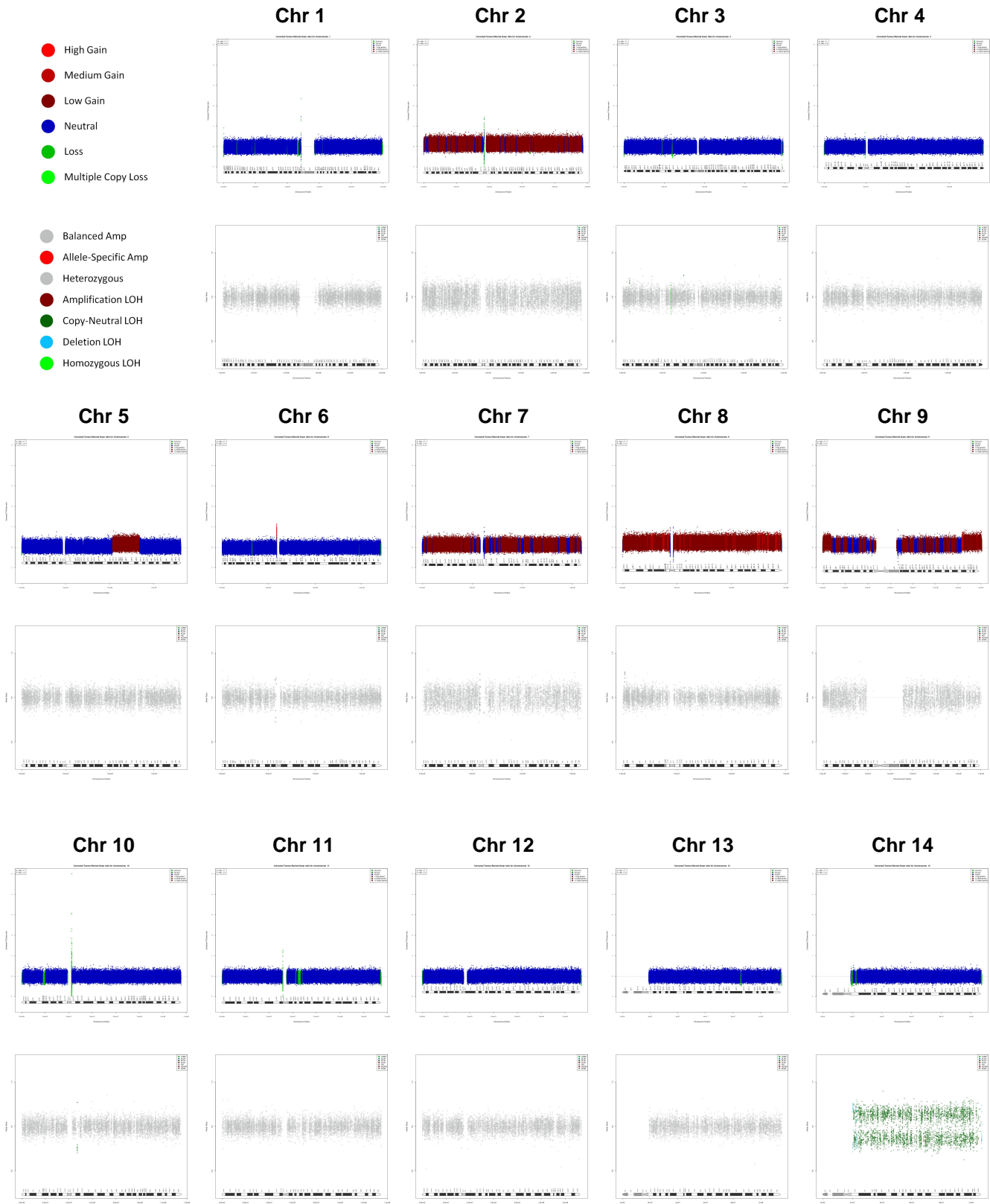
## HIGHLY EXPRESSED ONCOGENES WITH COPY GAINS

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17	11.59	3.9	95
CREB3L2	+1	HET	Gain	7:q33-q35	136919899	144475329	8	32.97	2.68	100
ELF4	+2	NLOH	Gain	X:q25-q26.1	128429371	129737047	1	24.85	4.17	86
EML4	+1	HET	Gain	2:p22.1-p16.3	41521044	49446826	8	na	na	na
MAFB	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33	10.2	3.19	88
MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	9	36.91	5.21	82

## LOWLY EXPRESSED TUMOUR SUPPRESSORS WITH COPY LOSSES

Gene	Copy Change	LOH State	CNV State	Chr:band	CNV Start	CNV End	Size (Mb)	Expression (RPKM)	Fold Change vs. unknown	TCGA %ile
CDK6	+1	HET	Gain	7:q21.11-q21.3	78753765	95994168	17.24	11.59	3.9	95
CREB3L2	+1	HET	Gain	7:q33-q35	136919899	144475329	7.56	32.97	2.68	100
ELF4	+2	NLOH	Gain	X:q25-q26.1	128429371	129737047	1.31	24.85	4.17	86
EML4	+1	HET	Gain	2:p22.1-p16.3	41521044	49446826	7.93	na	na	na
MAFB	+1	HET	Gain	20:q11.21-q13.33	29653745	62867883	33.21	10.2	3.19	88
MET	+1	HET	Gain	7:q31.1-q31.31	111067057	119761020	8.69	36.91	5.21	82

COPY NUMBER AND LOH



COPY NUMBER AND LOH

