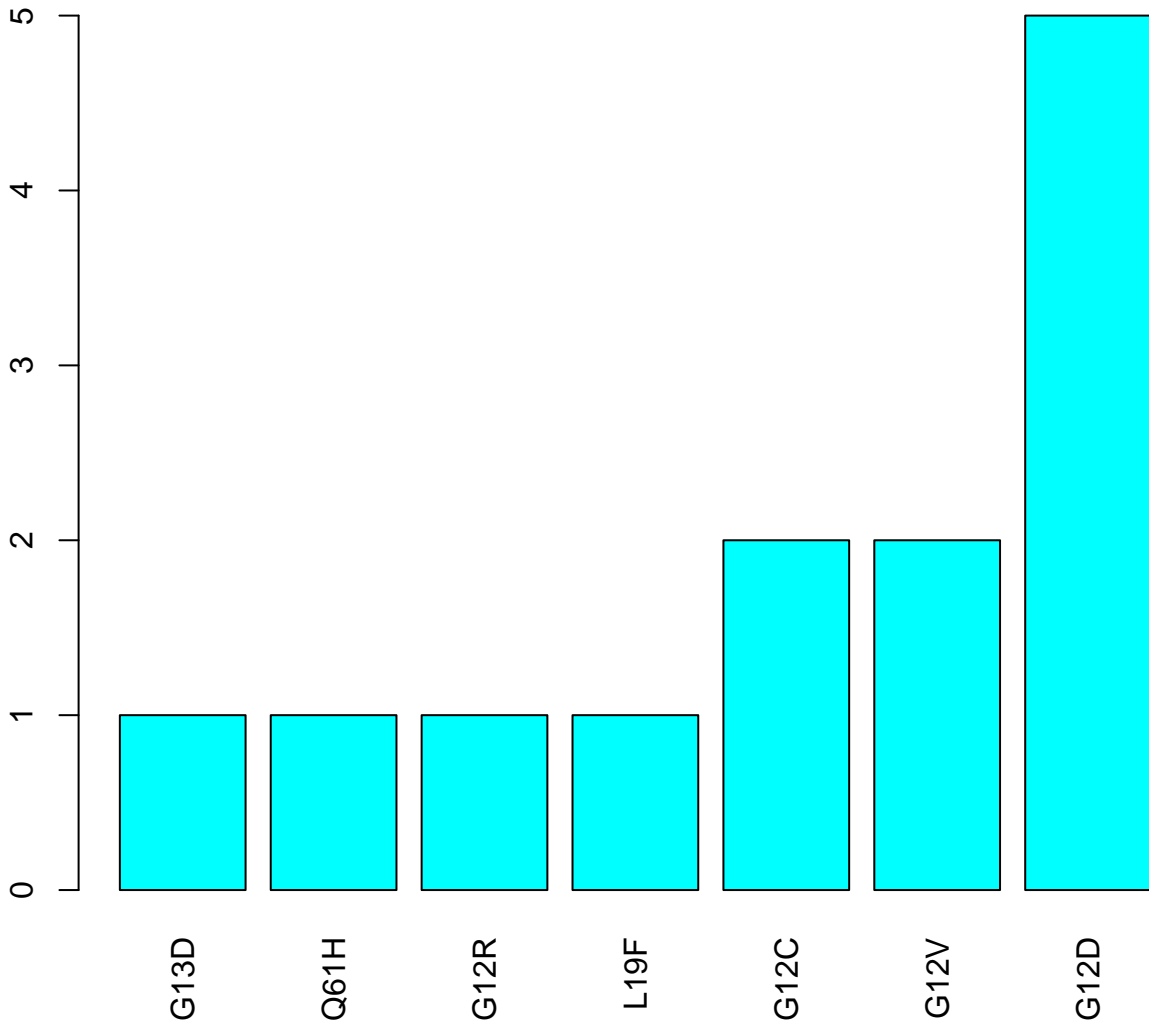


Table of TCGA Cancer Codes

TCGA code	Cancer type	Number*
ACC	Adrenocortical carcinoma	90
BLCA	Bladder urothelial carcinoma	396
BRCA	Breast invasive carcinoma	988
CESC	Cervical squamous cell carcinoma and endocervical adenocarcinoma	194
CHOL	Cholangiocarcinoma (bile duct)	35
COAD	Colon adenocarcinoma	367
DLBC	Lymphoid neoplasm diffuse large B-cell lymphoma	48
ESCA	Esophageal carcinoma	185
GBM	Glioblastoma multiforme	290
HNSC	Head and neck squamous cell carcinoma	513
KICH	Kidney chromophobe	66
KIRC	Kidney renal clear cell carcinoma	451
KIRP	Kidney renal papillary cell carcinoma	282
LAML	Acute myeloid leukemia	197
LGG	Brain lower grade glioma	533
LIHC	Liver hepatocellular carcinoma	373
LUAD	Lung adenocarcinoma	546
LUSC	Lung squamous cell carcinoma	178
OV	Ovarian serous cystadenocarcinoma	469
PAAD	Pancreatic adenocarcinoma	185
PCPG	Pheochromocytoma and paraganglioma (adrenal gland)	184
PRAD	Prostate adenocarcinoma	499
READ	Rectum adenocarcinoma	122
SARC	Sarcoma	247
SKCM	Skin cutaneous melanoma	371
STAD	Stomach adenocarcinoma	395
TGCT	Testicular germ cell tumors	155
THCA	Thyroid carcinoma	504
THYM	Thymoma	123
UCEC	Uterine corpus endometrial carcinoma	248
UCS	Uterine carcinosarcoma	57
UVM	Uveal melanoma	8

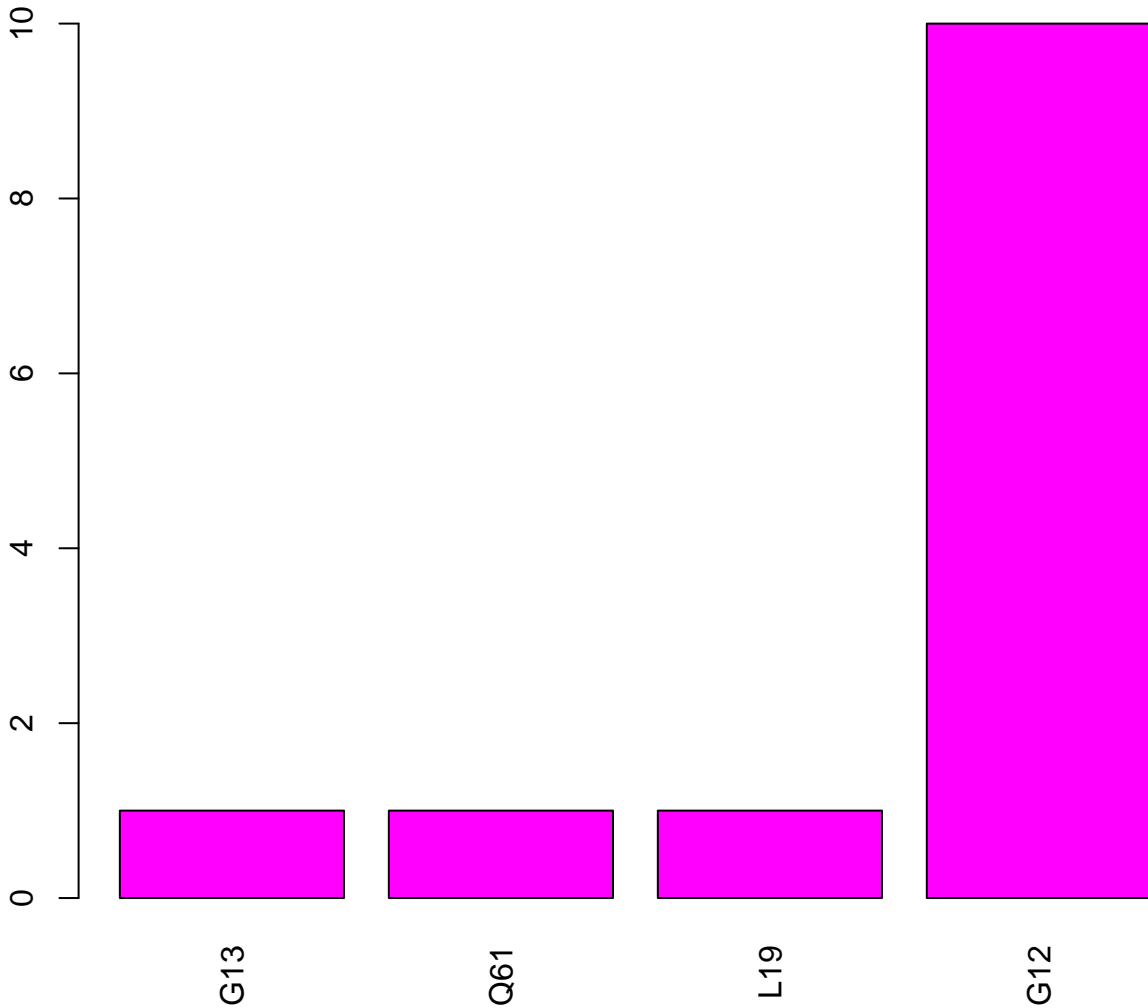
*Number of samples with mutation data

KRAS mutant **alleles** in **bladder** urothelial carcinoma (N=396)



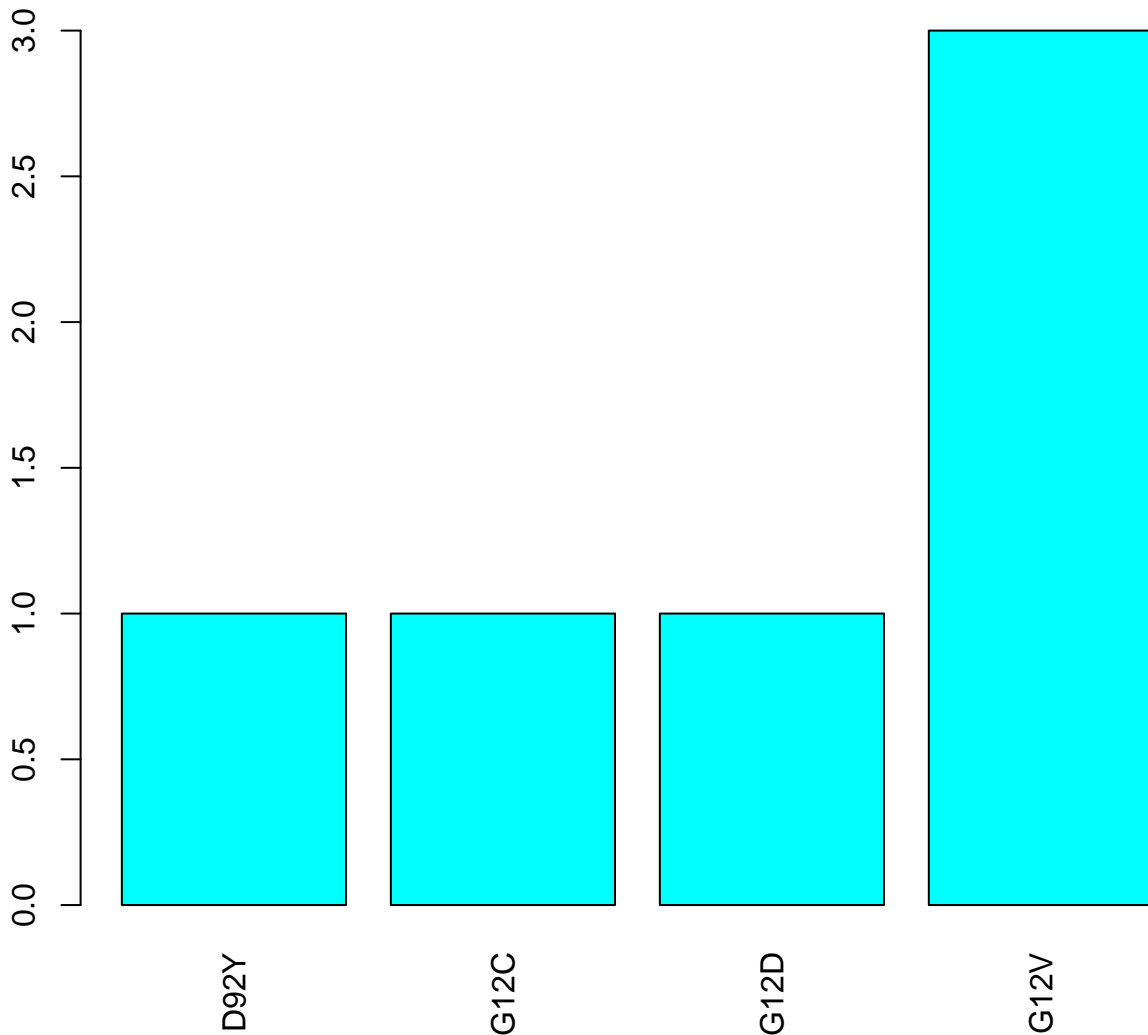
NbrSamples=396 Mutant Samples=13 Total Mutations=13

KRAS mutant **positions** in **bladder** urothelial carcinoma (N=396)



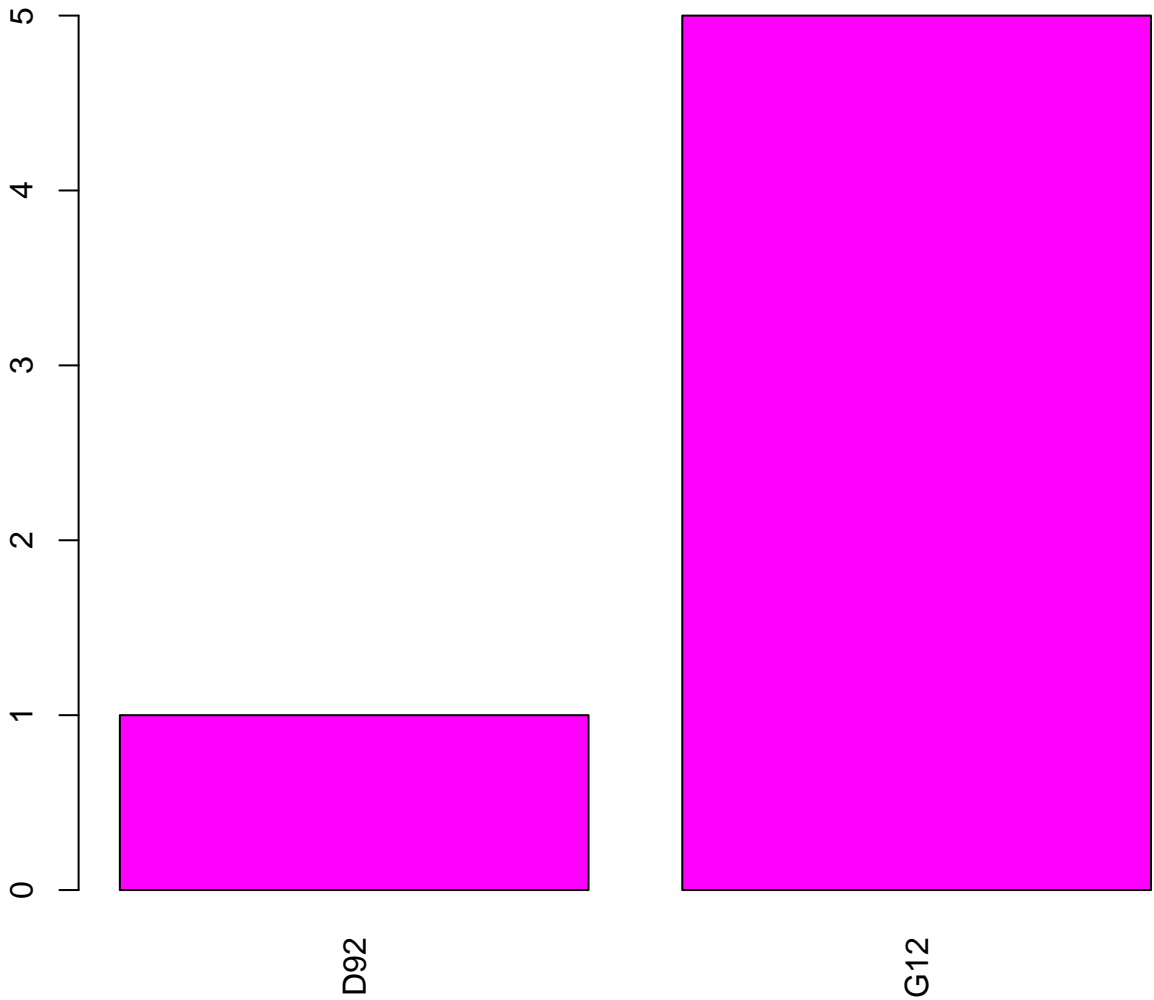
NbrSamples=396 Mutant Samples=13 Total Mutations=13

KRAS mutant **alleles** in **breast** invasive carcinoma (N=988)



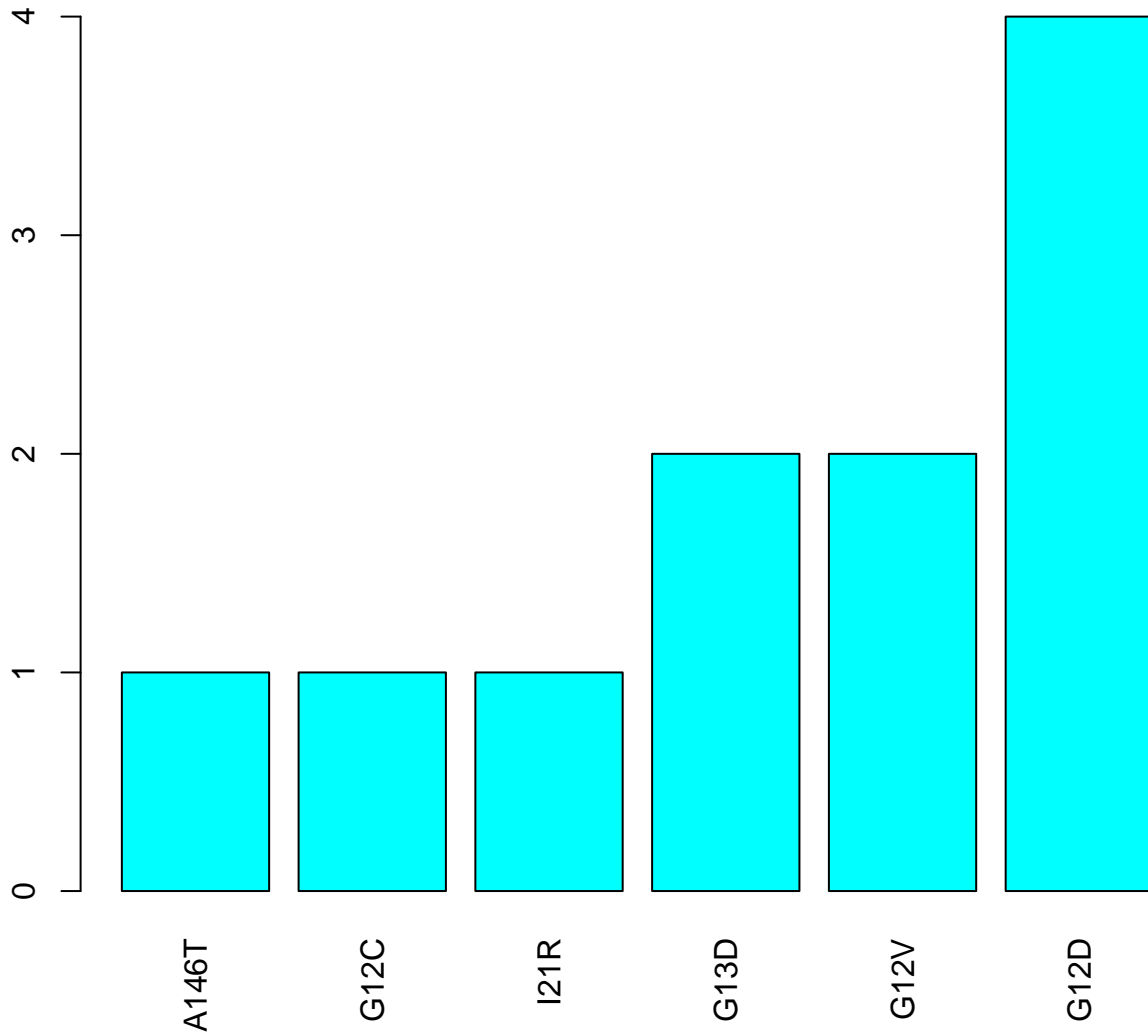
NbrSamples=988 Mutant Samples=6 Total Mutations=6

KRAS mutant **positions** in **breast** invasive carcinoma (N=988)



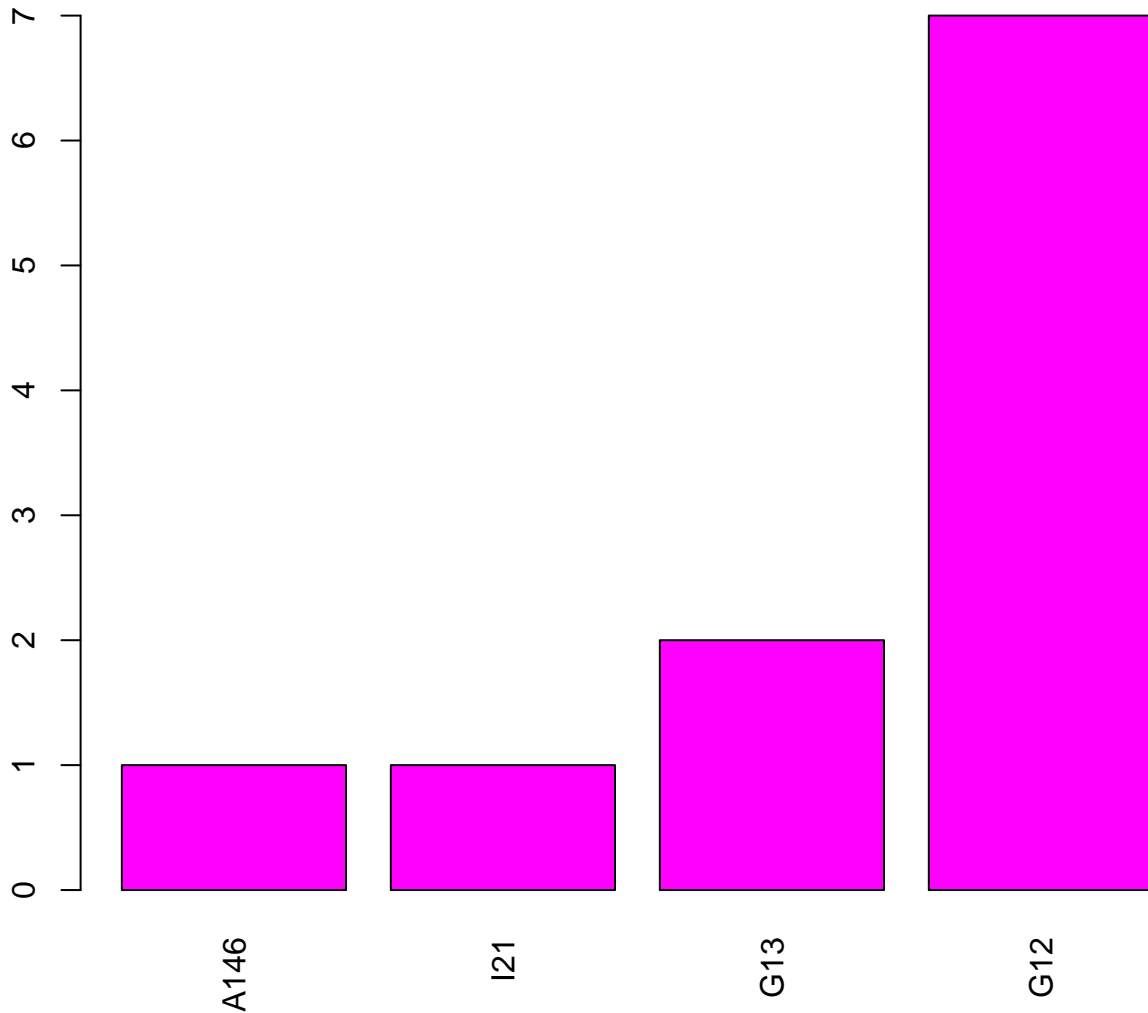
NbrSamples=988 Mutant Samples=6 Total Mutations=6

KRAS mutant **alleles** in **cervical** squamous cell carcinoma and endocervical adenocarcinoma (N=194)



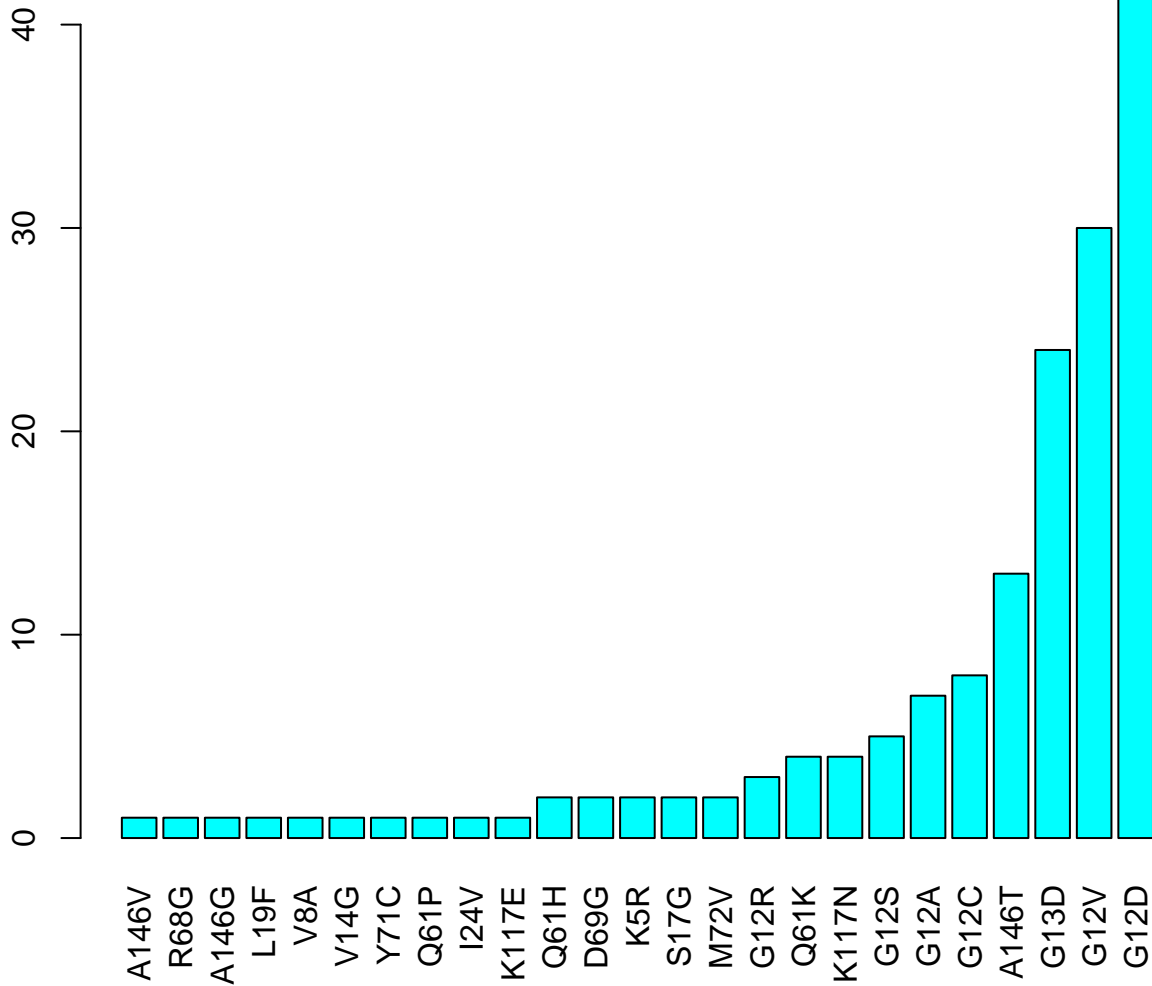
NbrSamples=194 Mutant Samples=11 Total Mutations=11

KRAS mutant **positions** in **cervical** squamous cell carcinoma and endocervical adenocarcinoma (N=194)



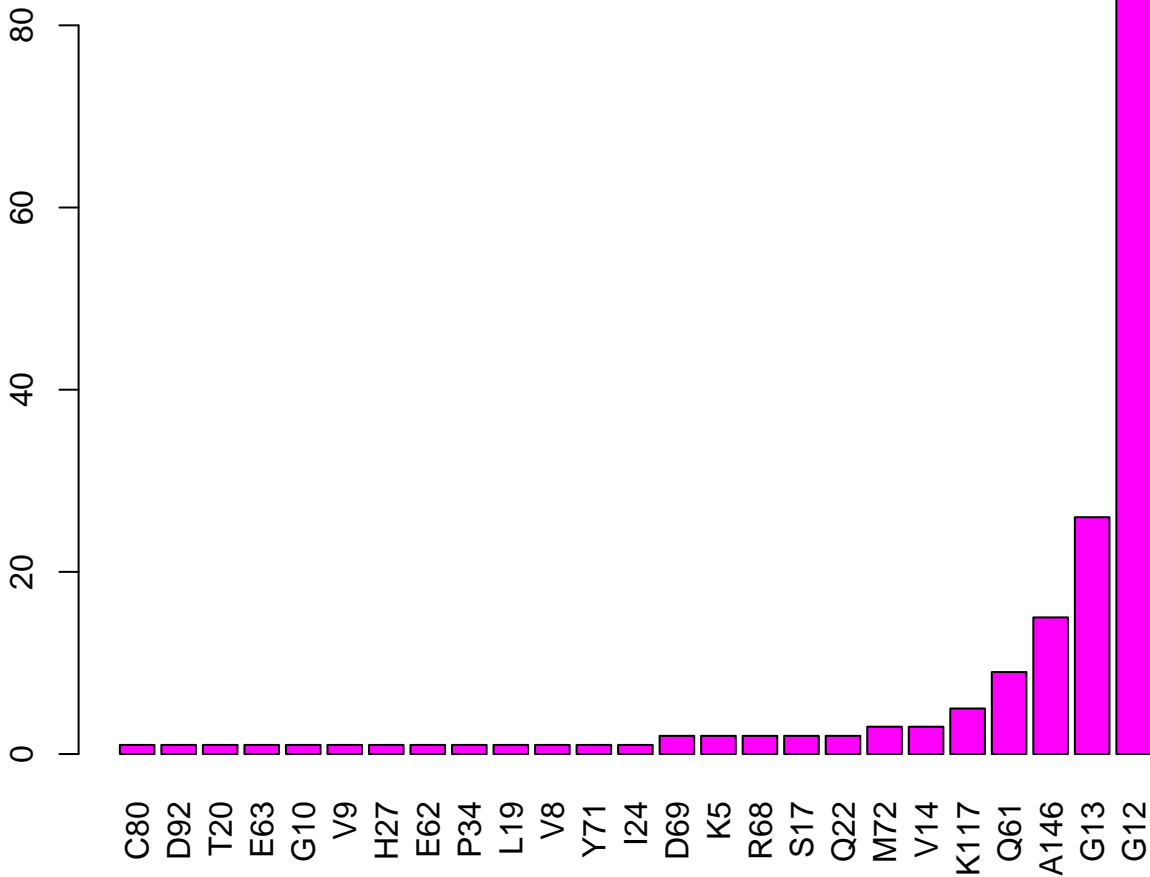
NbrSamples=194 Mutant Samples=11 Total Mutations=11

KRAS mutant **alleles** in **colon** adenocarcinoma (N=367), **top 25**



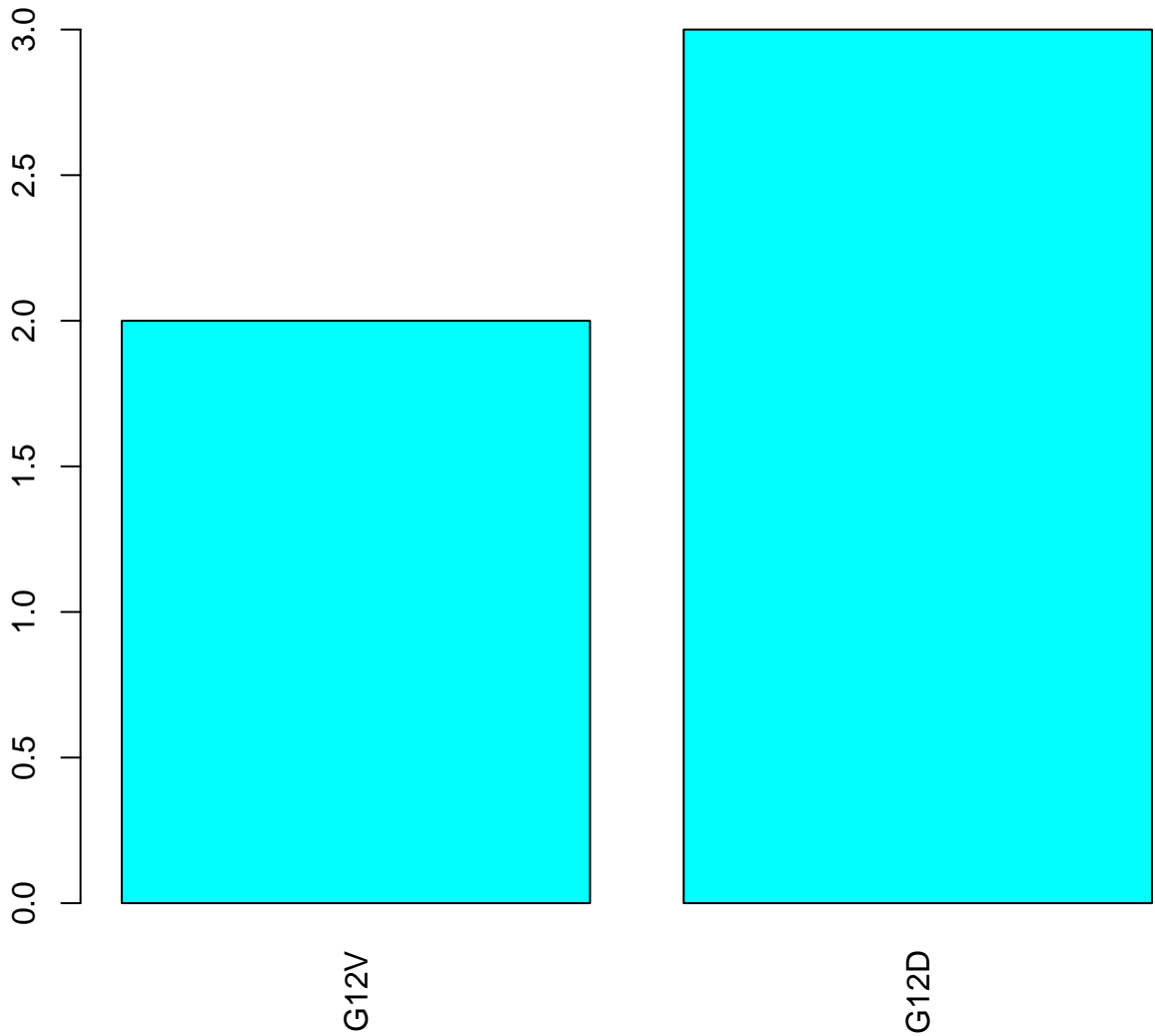
NbrSamples=367 Mutant Samples=168 Total Mutations=182(21 not shown)

KRAS mutant **positions** in **colon** adenocarcinoma (N=367), **top 25**



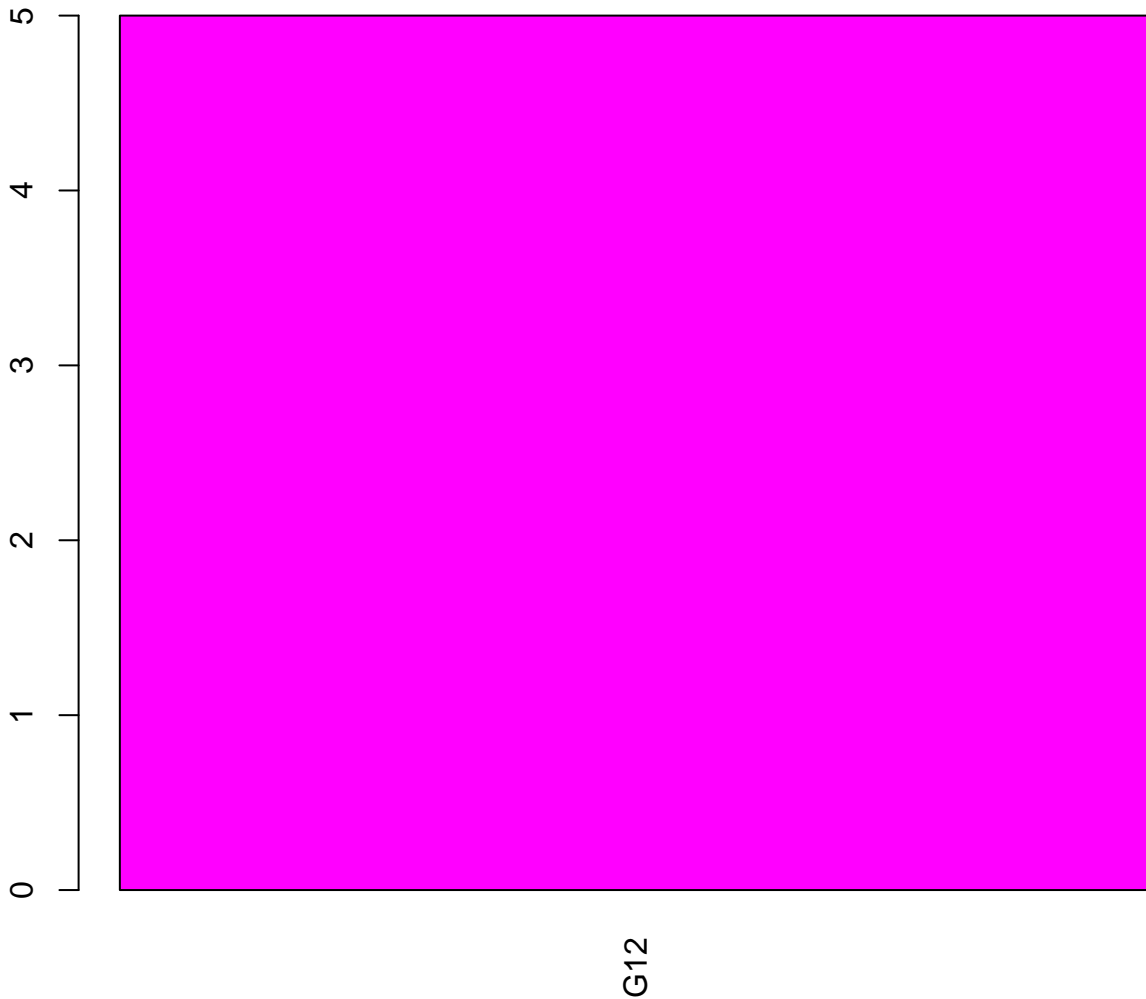
NbrSamples=367 Mutant Samples=168 Total Mutations=182 (2 not shown)

KRAS mutant **alleles** in kidney renal **papillary** cell carcinoma (N=282)



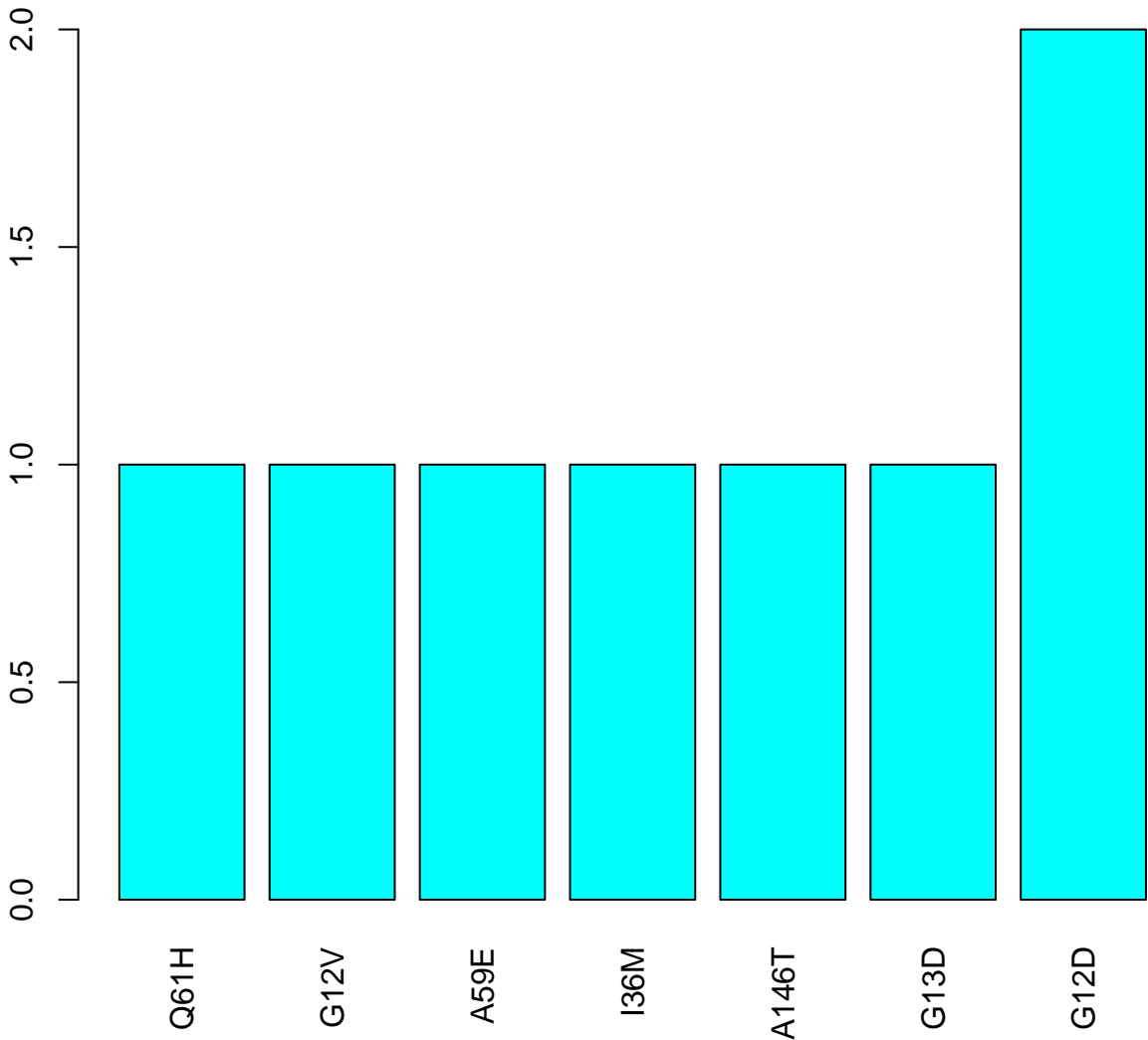
NbrSamples=282 Mutant Samples=5 Total Mutations=5

KRAS mutant **positions** in kidney renal **papillary** cell carcinoma (N=282)



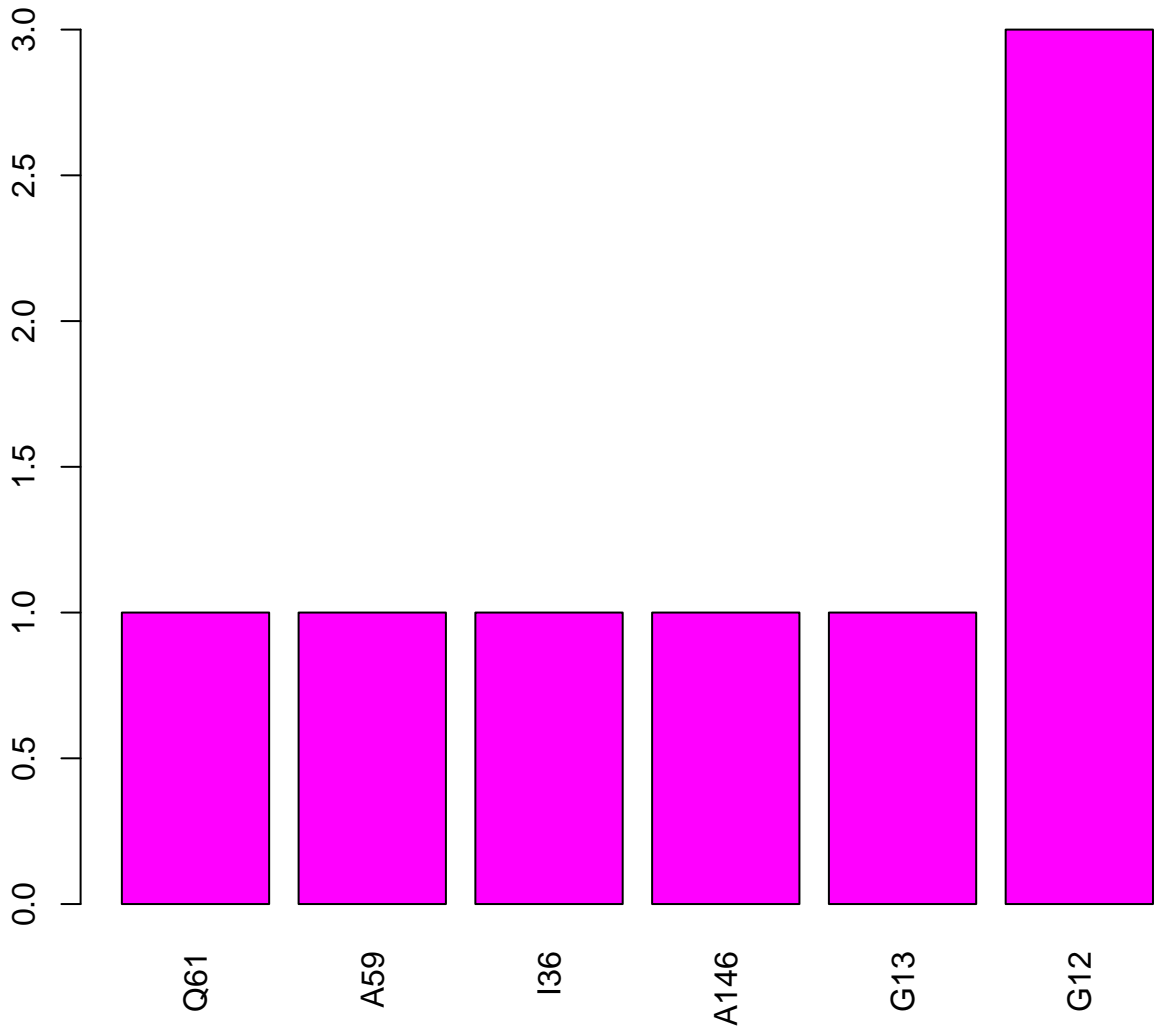
NbrSamples=282 Mutant Samples=5 Total Mutations=5

KRAS mutant **alleles** in acute **myeloid leukemia** (N=197)



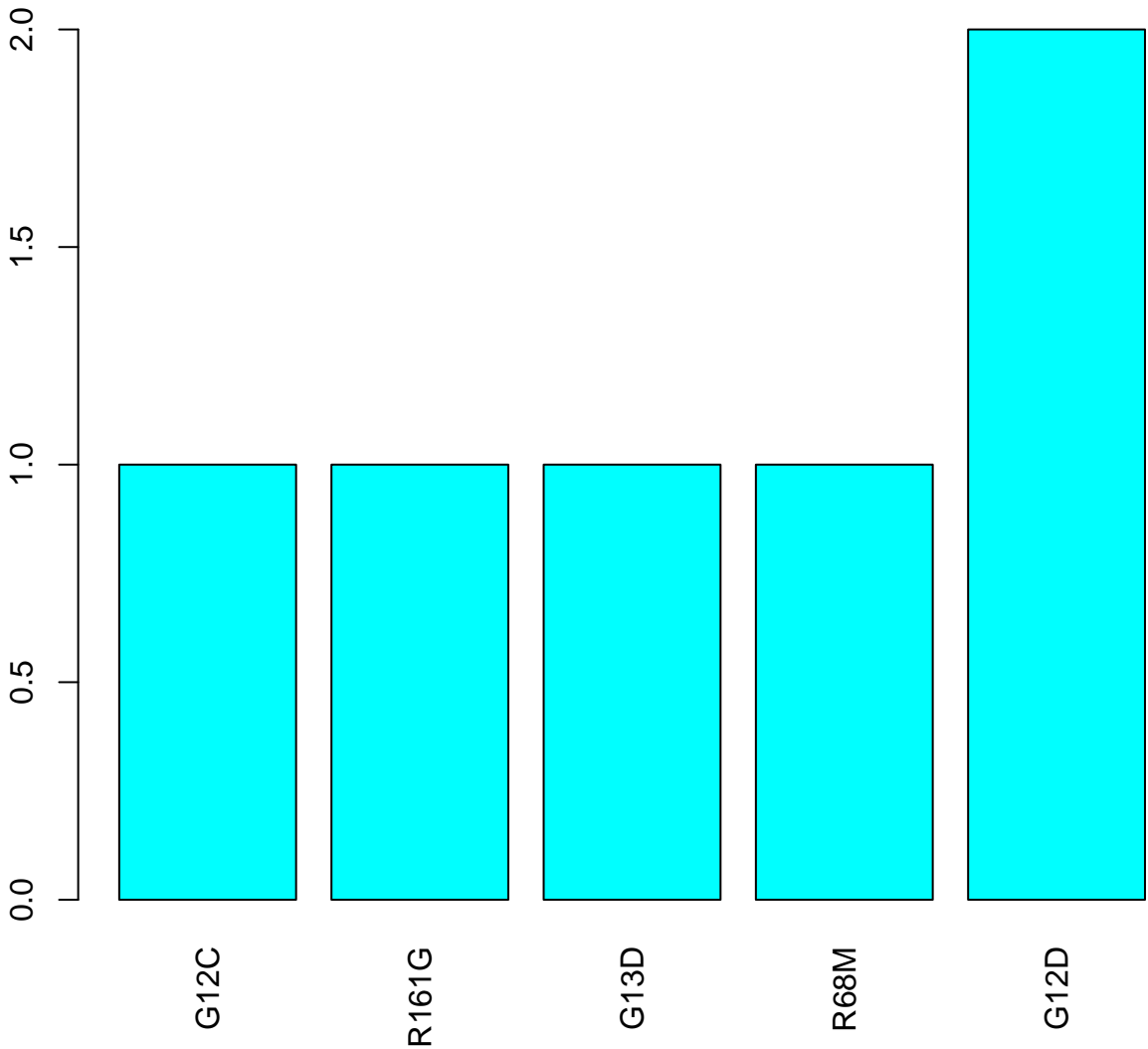
NbrSamples=197 Mutant Samples=8 Total Mutations=8

KRAS mutant **positions** in acute **myeloid leukemia** (N=197)



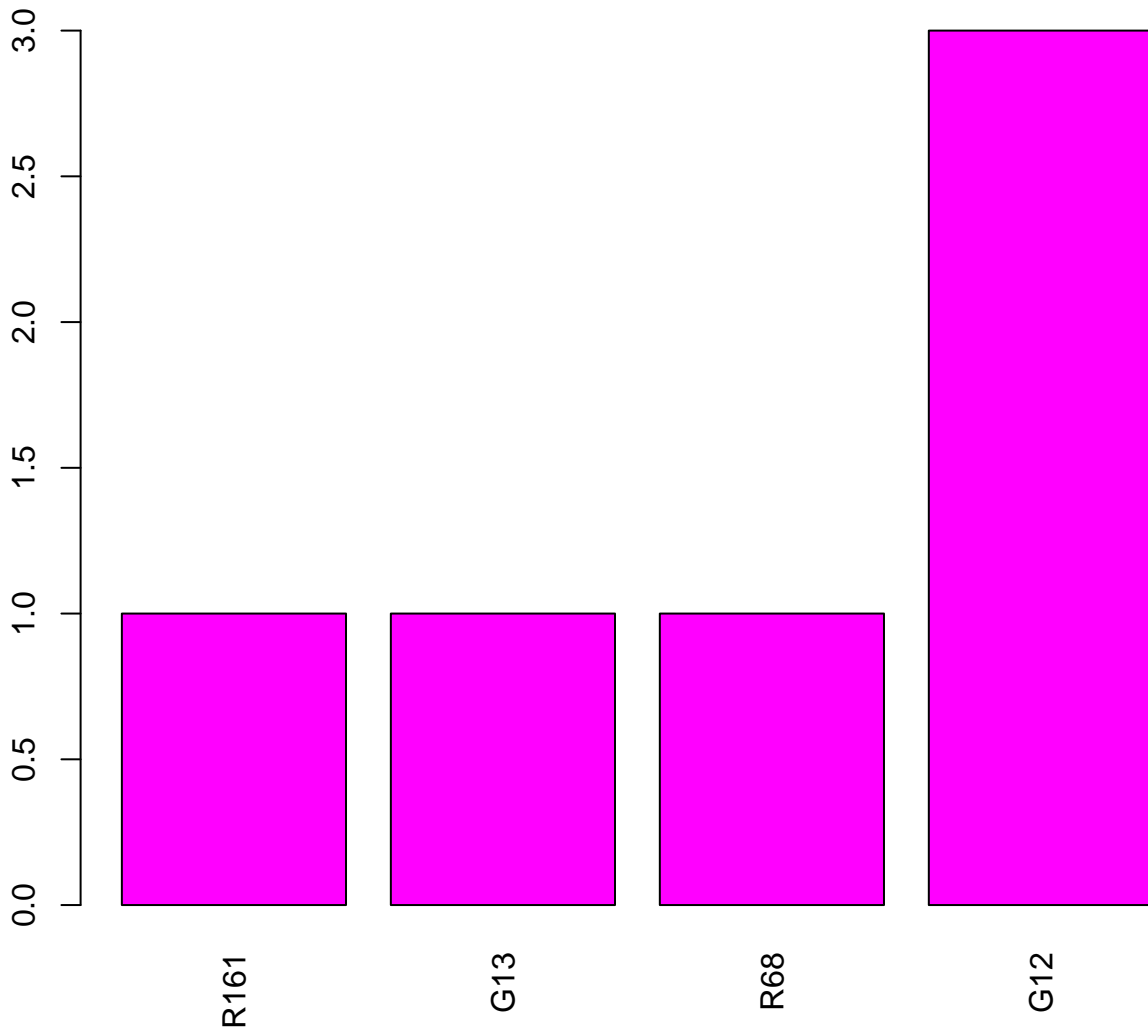
NbrSamples=197 Mutant Samples=8 Total Mutations=8

KRAS mutant **alleles** in **liver** hepatocellular carcinoma (N=373)



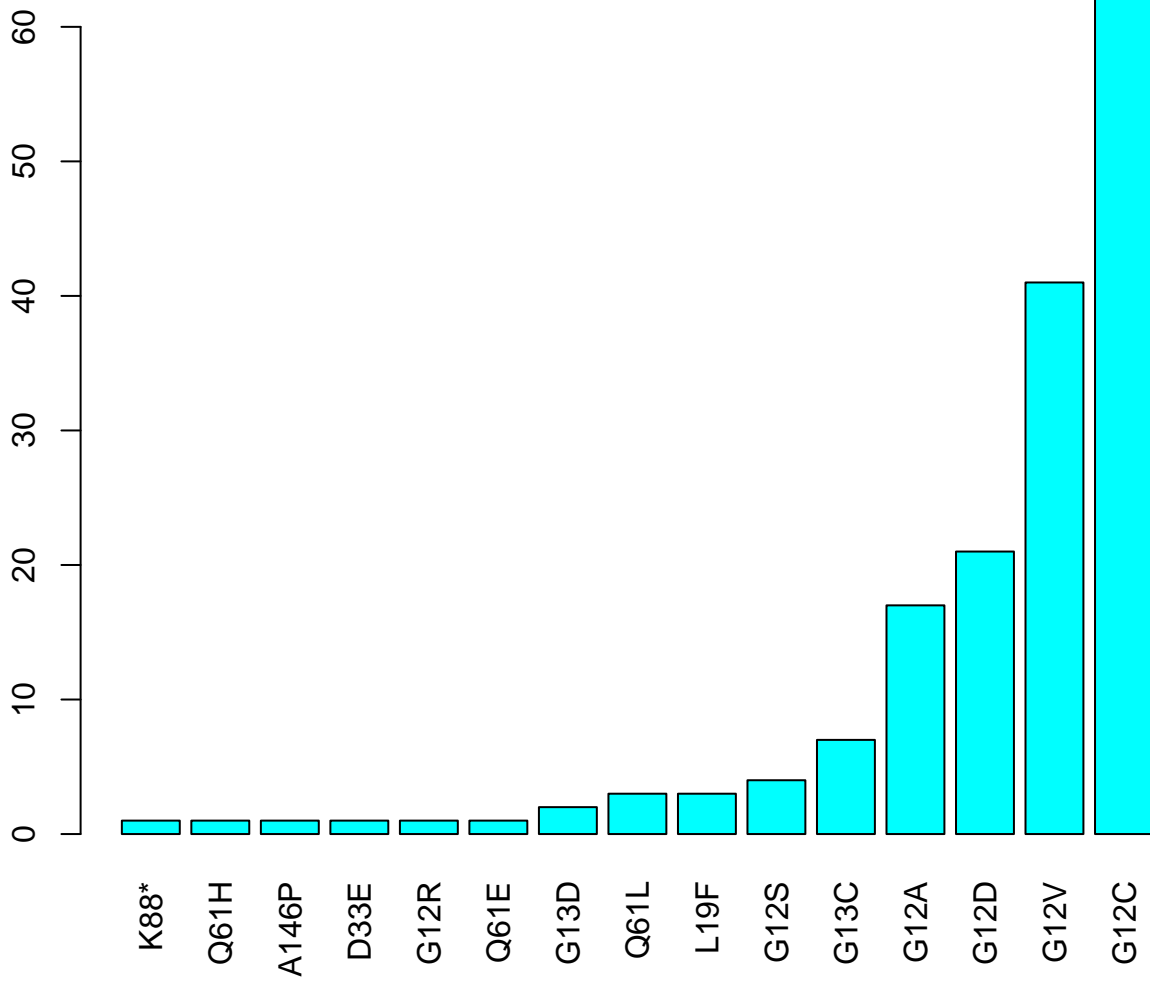
NbrSamples=373 Mutant Samples=6 Total Mutations=6

KRAS mutant **positions** in **liver** hepatocellular carcinoma (N=373)



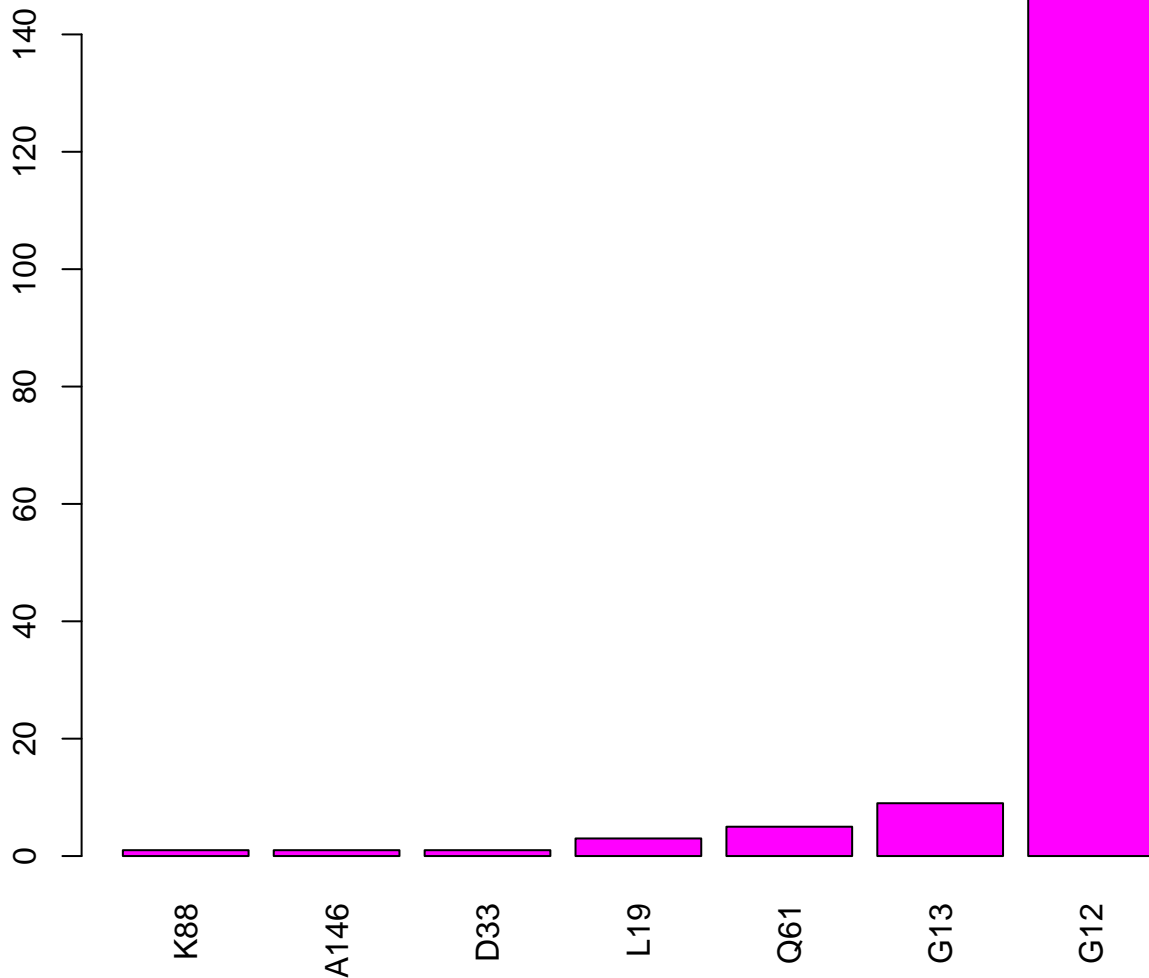
NbrSamples=373 Mutant Samples=6 Total Mutations=6

KRAS mutant **alleles** in lung adenocarcinoma (N=546)



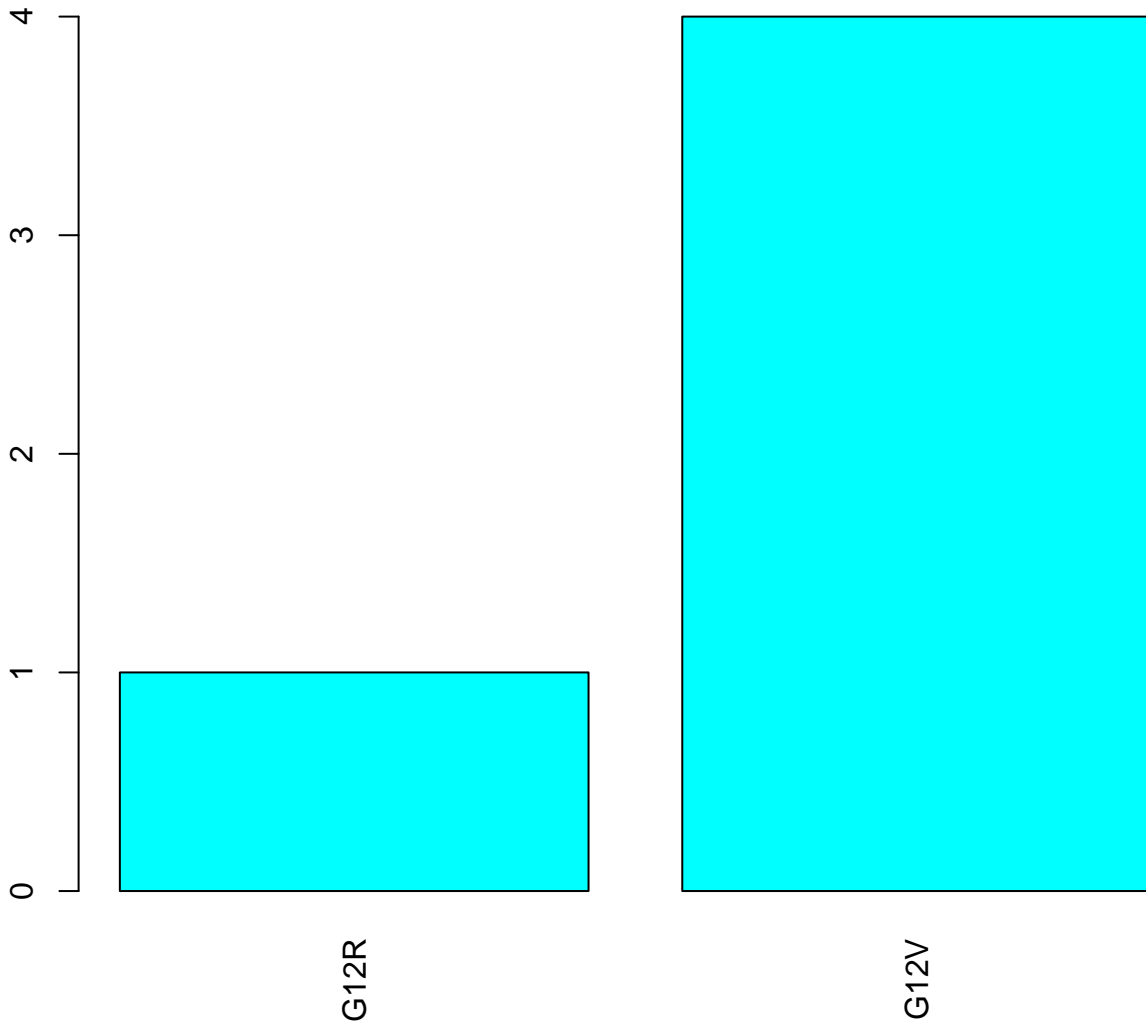
NbrSamples=546 Mutant Samples=164 Total Mutations=169

KRAS mutant **positions** in **lung** adenocarcinoma (N=546)



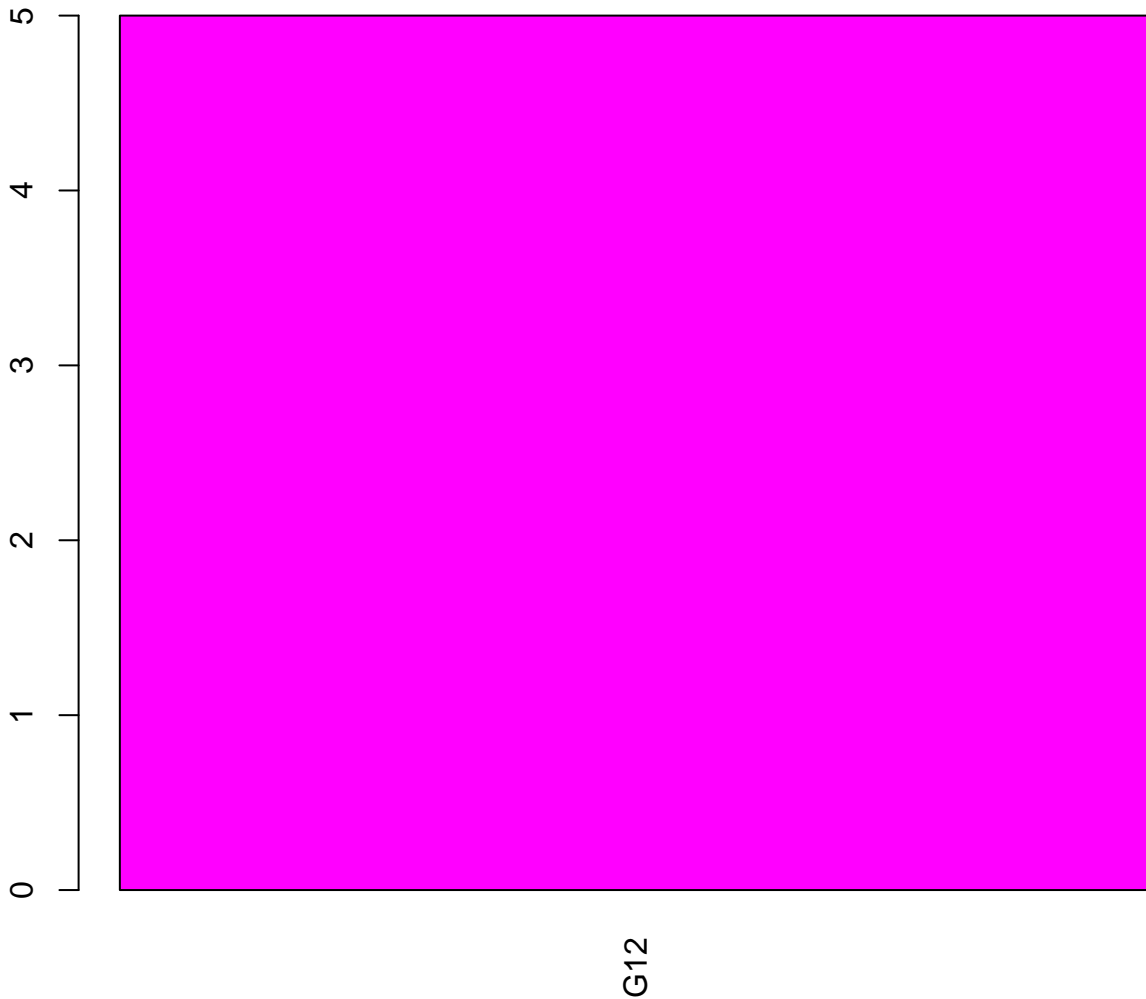
NbrSamples=546 Mutant Samples=164 Total Mutations=169

KRAS mutant **alleles** in **ovarian** serous cystadenocarcinoma (N=469)



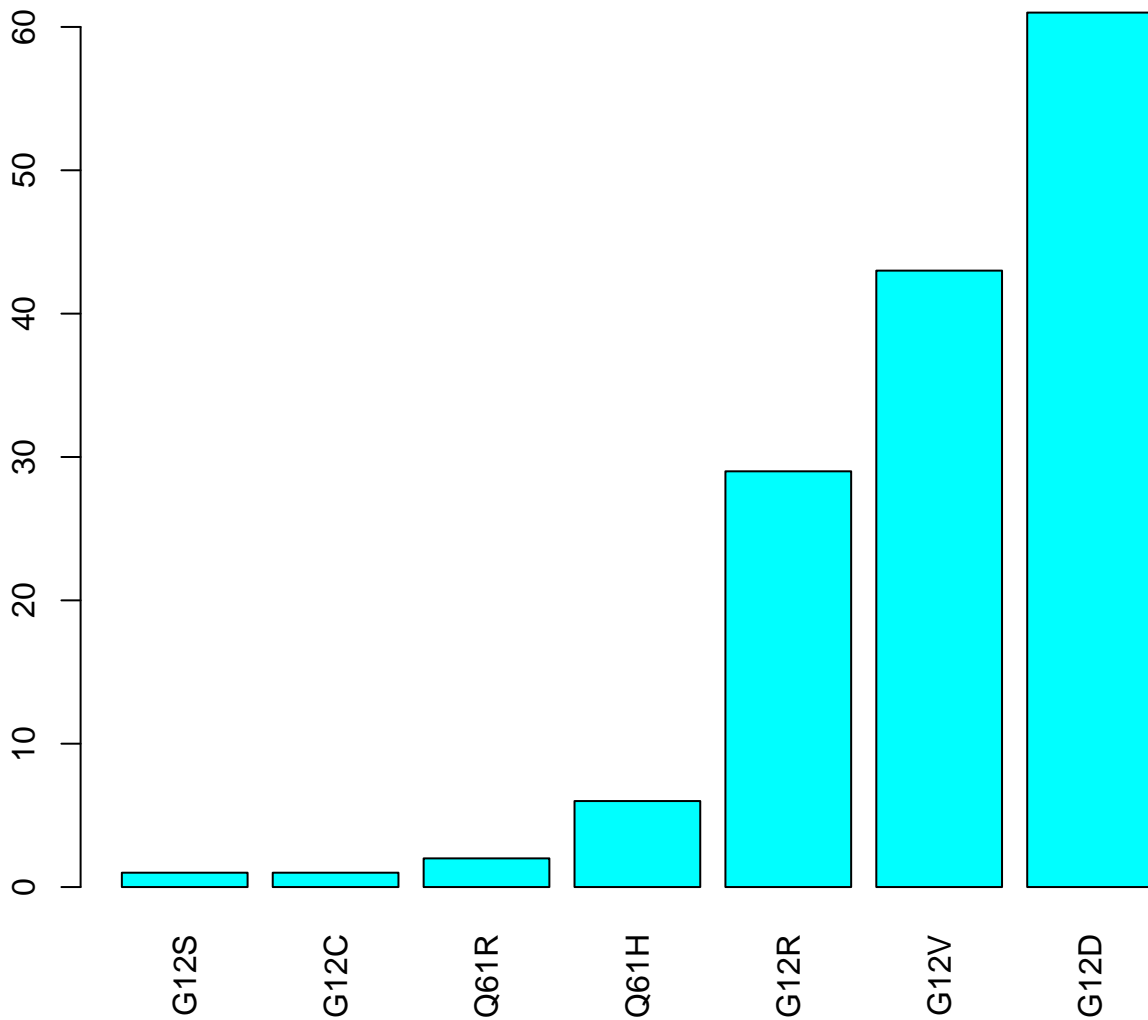
NbrSamples=469 Mutant Samples=5 Total Mutations=5

KRAS mutant **positions** in **ovarian** serous cystadenocarcinoma (N=469)



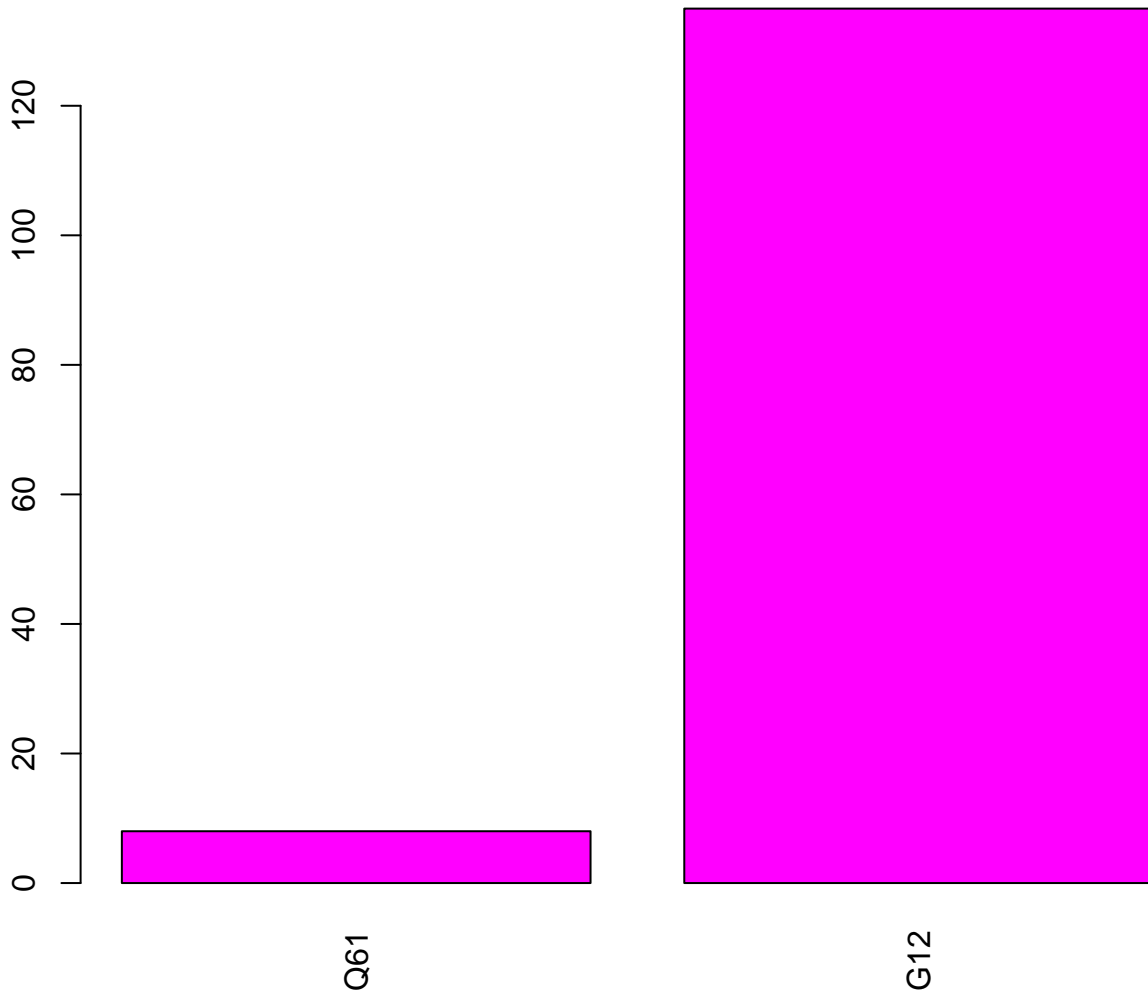
NbrSamples=469 Mutant Samples=5 Total Mutations=5

KRAS mutant **alleles** in **pancreatic** adenocarcinoma (N=185)



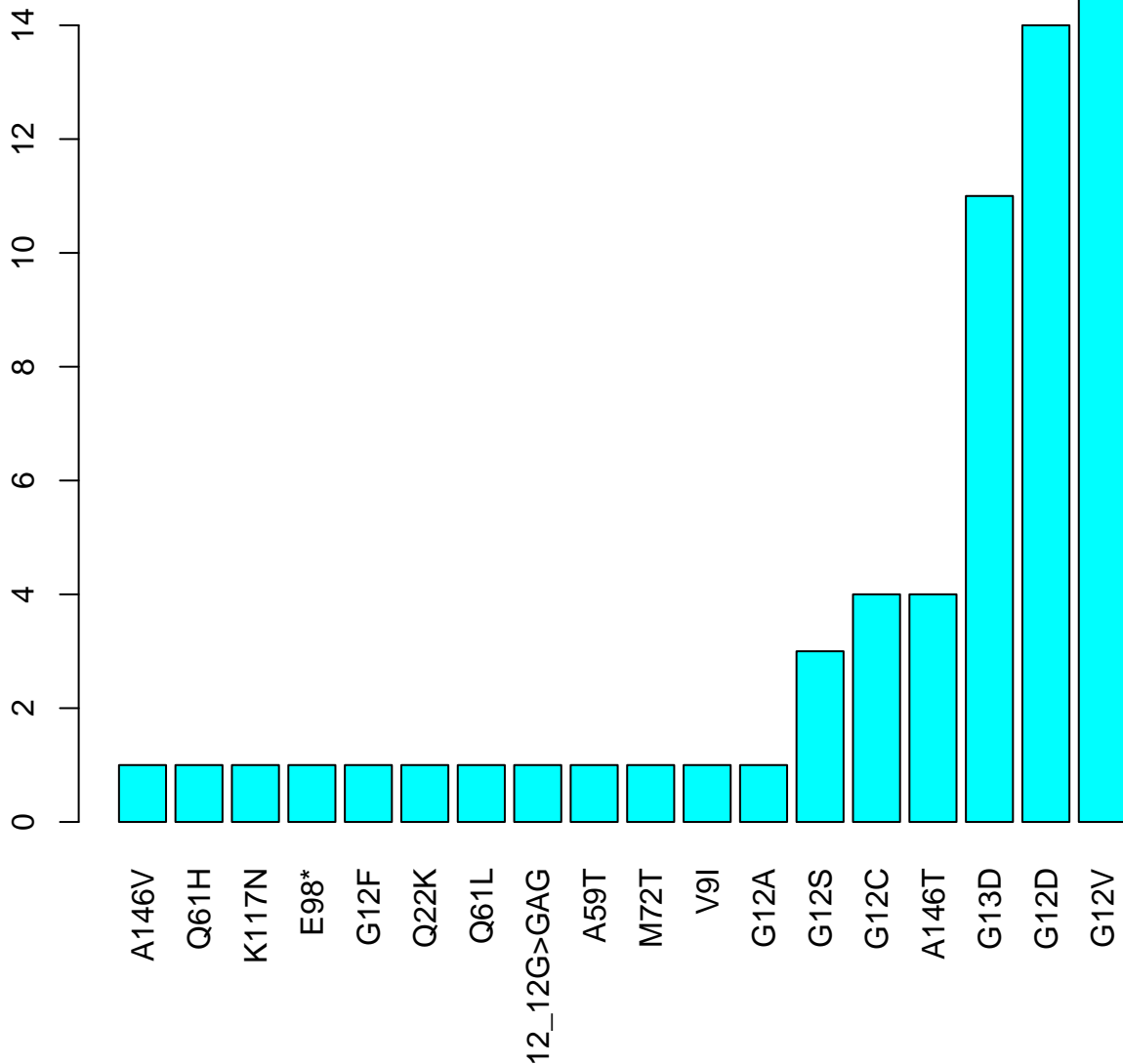
NbrSamples=185 Mutant Samples=140 Total Mutations=143

KRAS mutant **positions** in **pancreatic** adenocarcinoma (N=185)



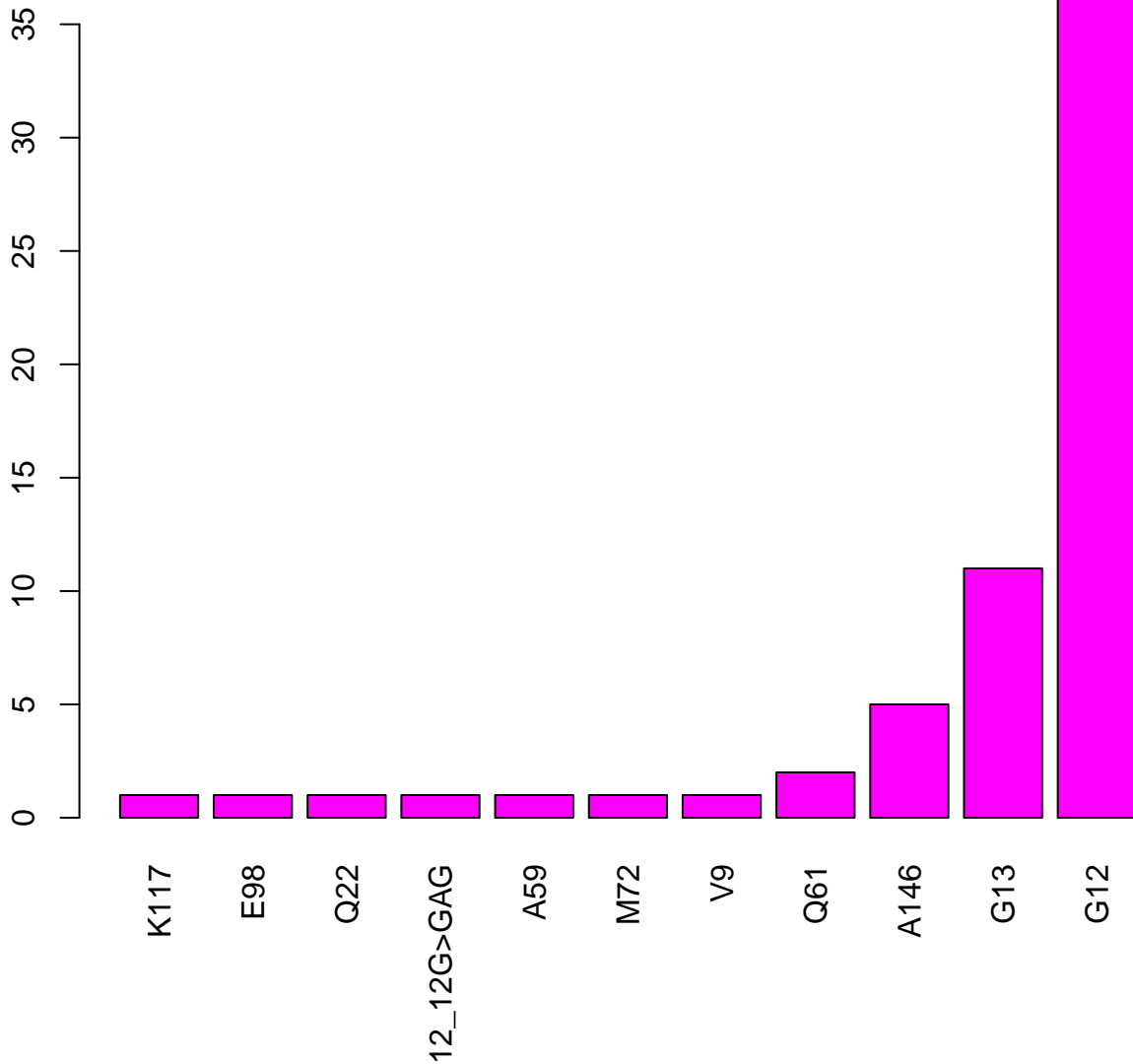
NbrSamples=185 Mutant Samples=140 Total Mutations=143

KRAS mutant **alleles** in **rectum** adenocarcinoma (N=122)



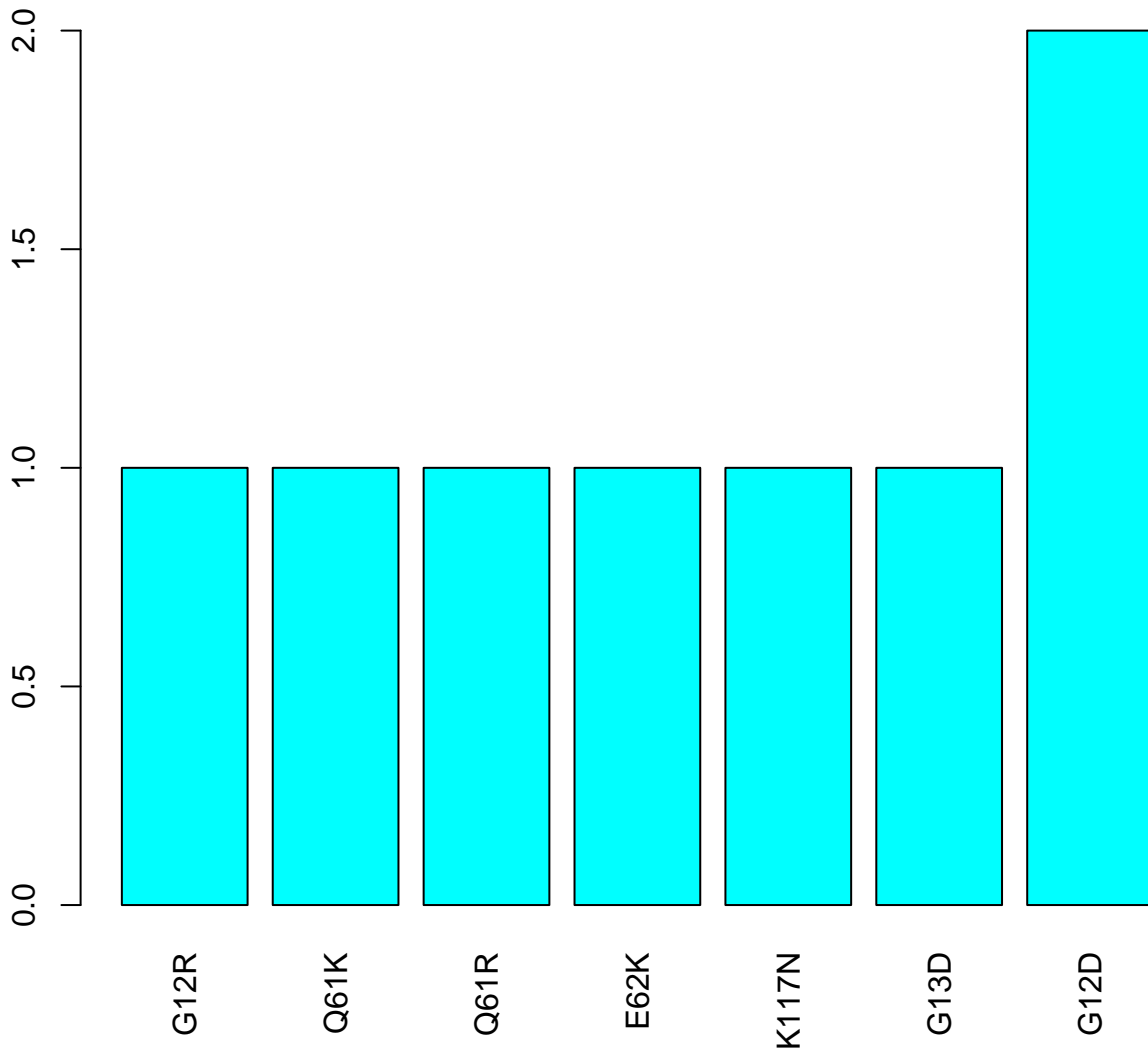
NbrSamples=122 Mutant Samples=63 Total Mutations=63

KRAS mutant **positions** in **rectum** adenocarcinoma (N=122)



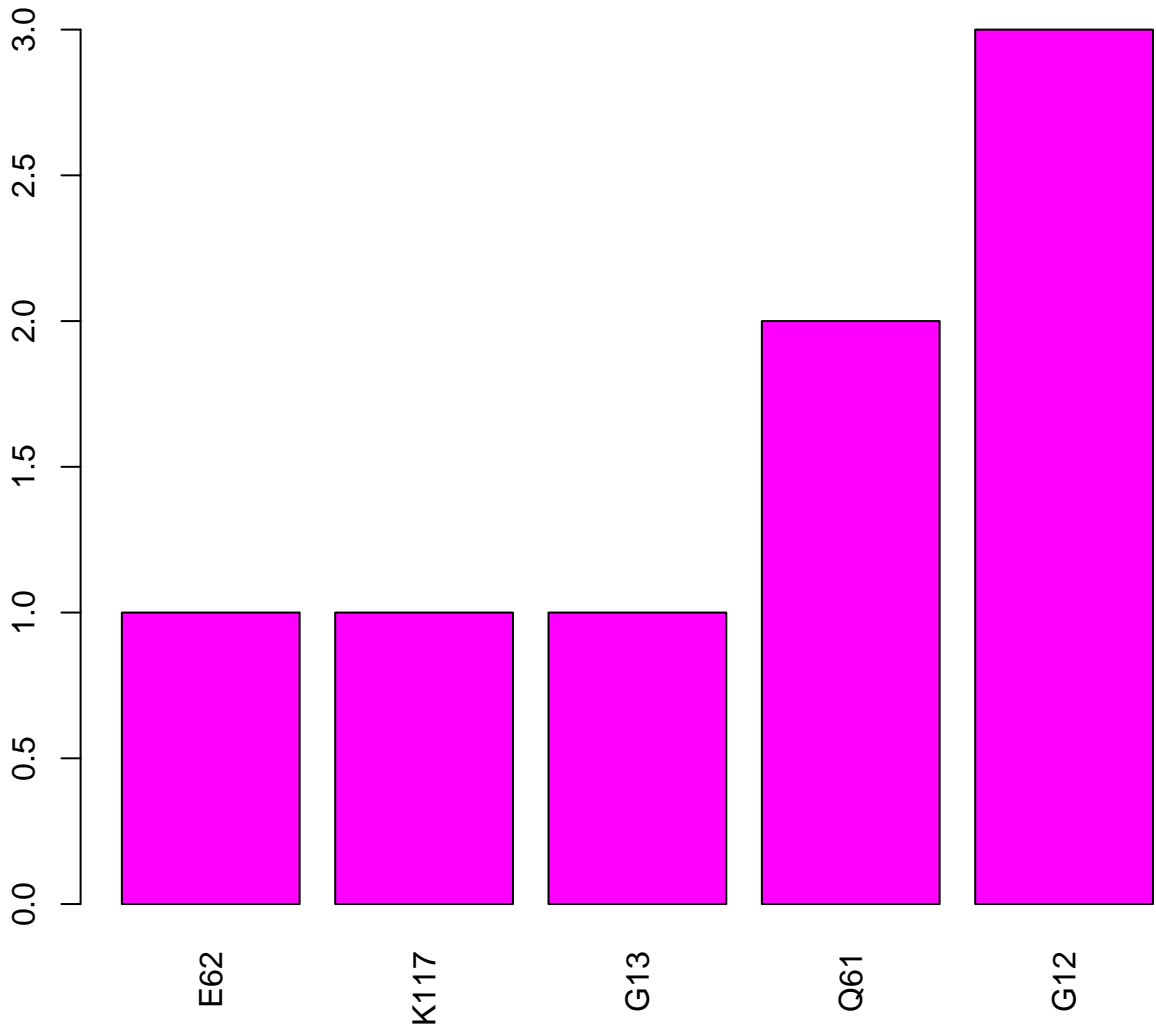
NbrSamples=122 Mutant Samples=63 Total Mutations=63

KRAS mutant **alleles** in skin cutaneous **melanoma** (N=371)



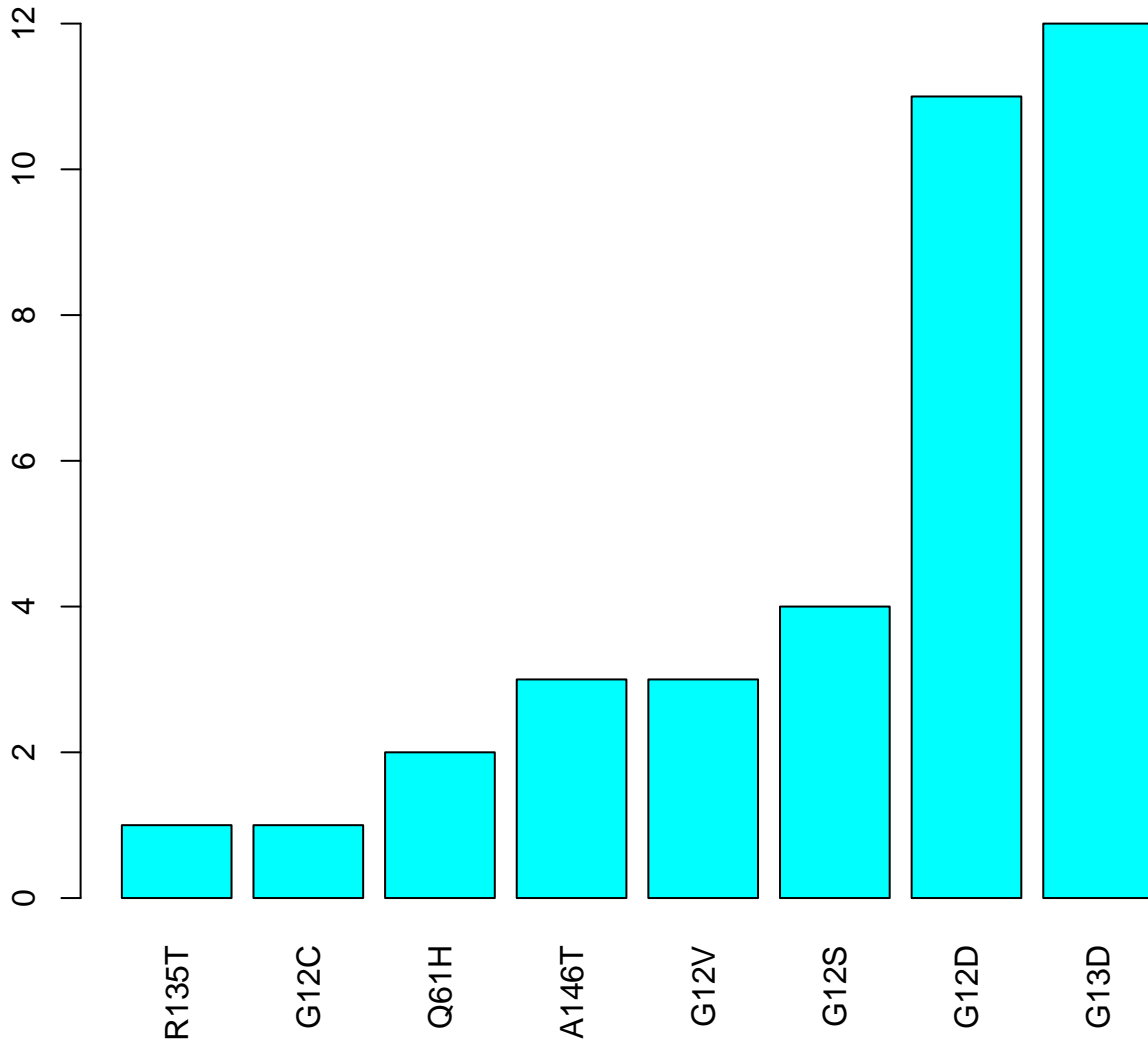
NbrSamples=371 Mutant Samples=7 Total Mutations=8

KRAS mutant **positions** in skin cutaneous **melanoma** (N=371)



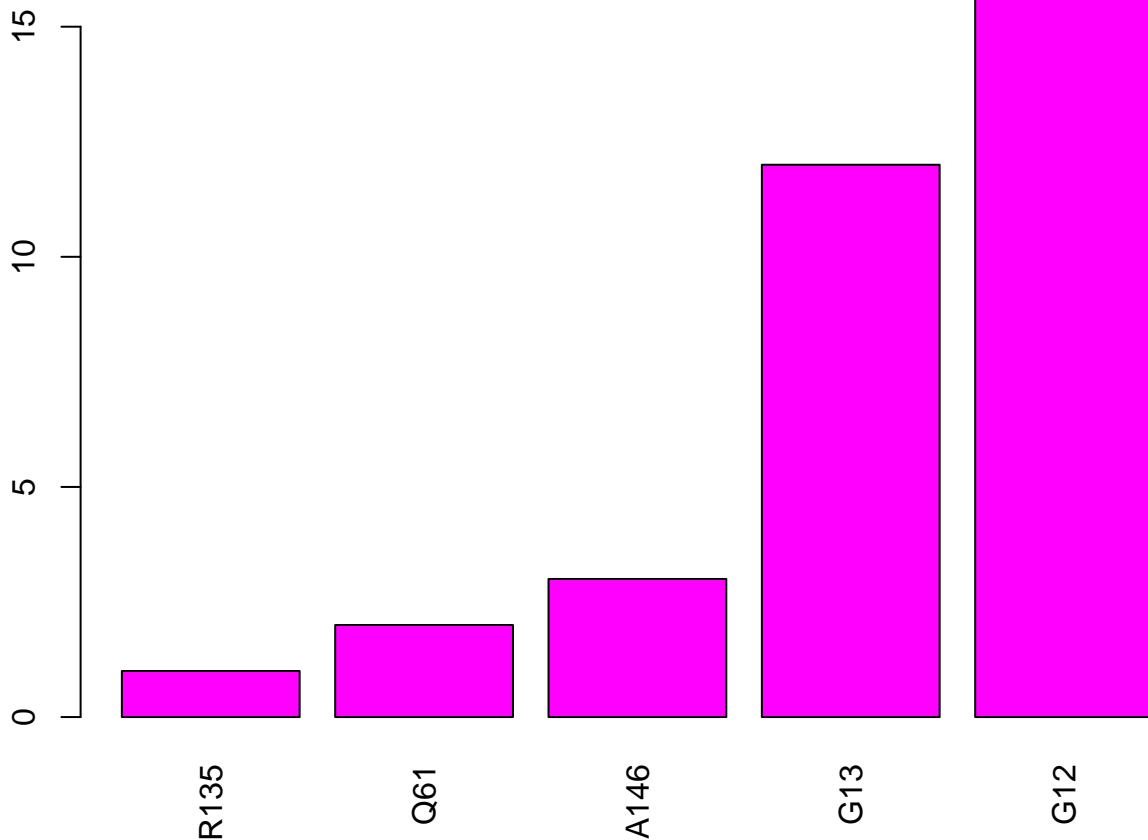
NbrSamples=371 Mutant Samples=7 Total Mutations=8

KRAS mutant **alleles** in **stomach** adenocarcinoma (N=395)



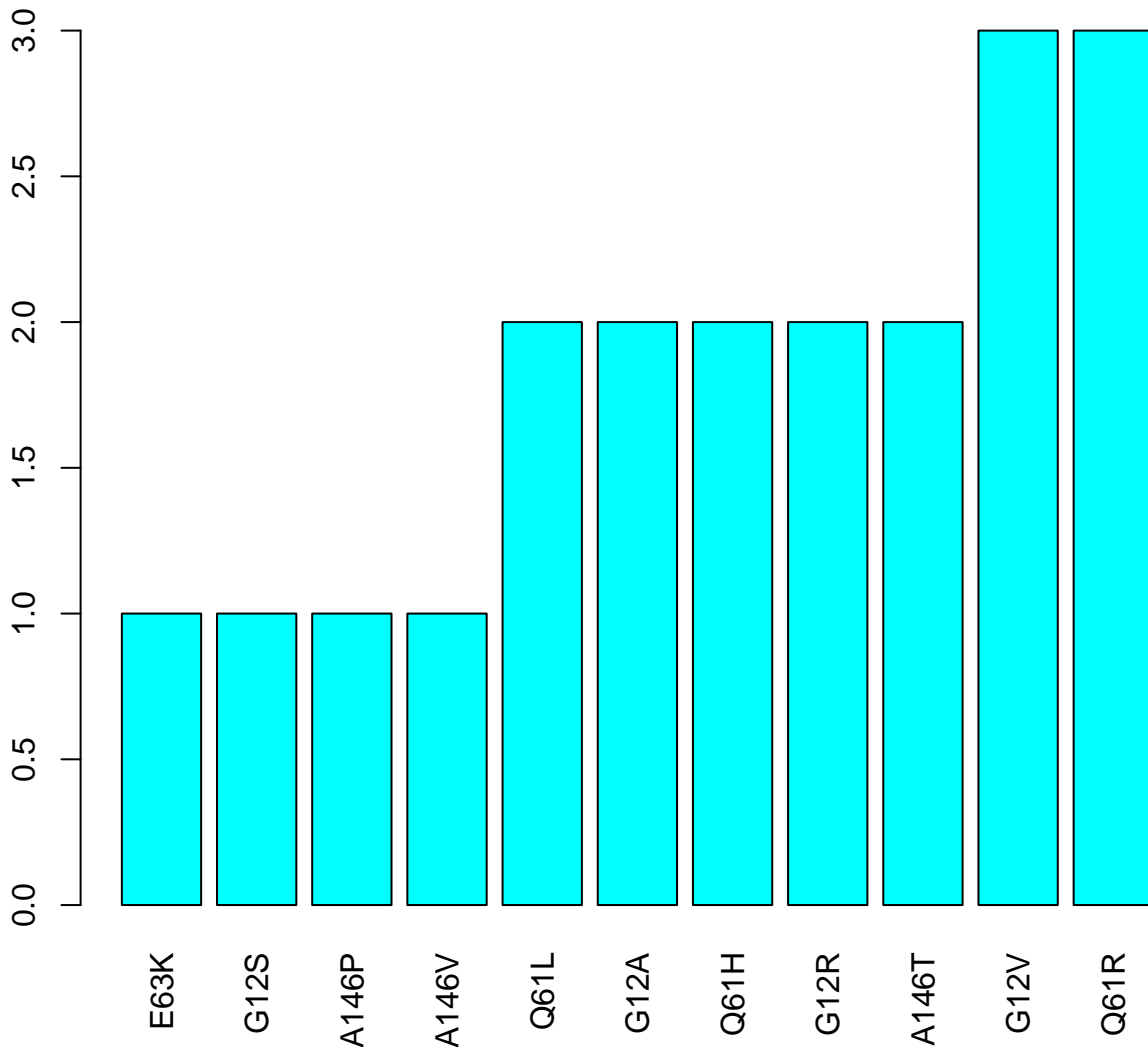
NbrSamples=395 Mutant Samples=37 Total Mutations=37

KRAS mutant **positions** in **stomach** adenocarcinoma (N=395)



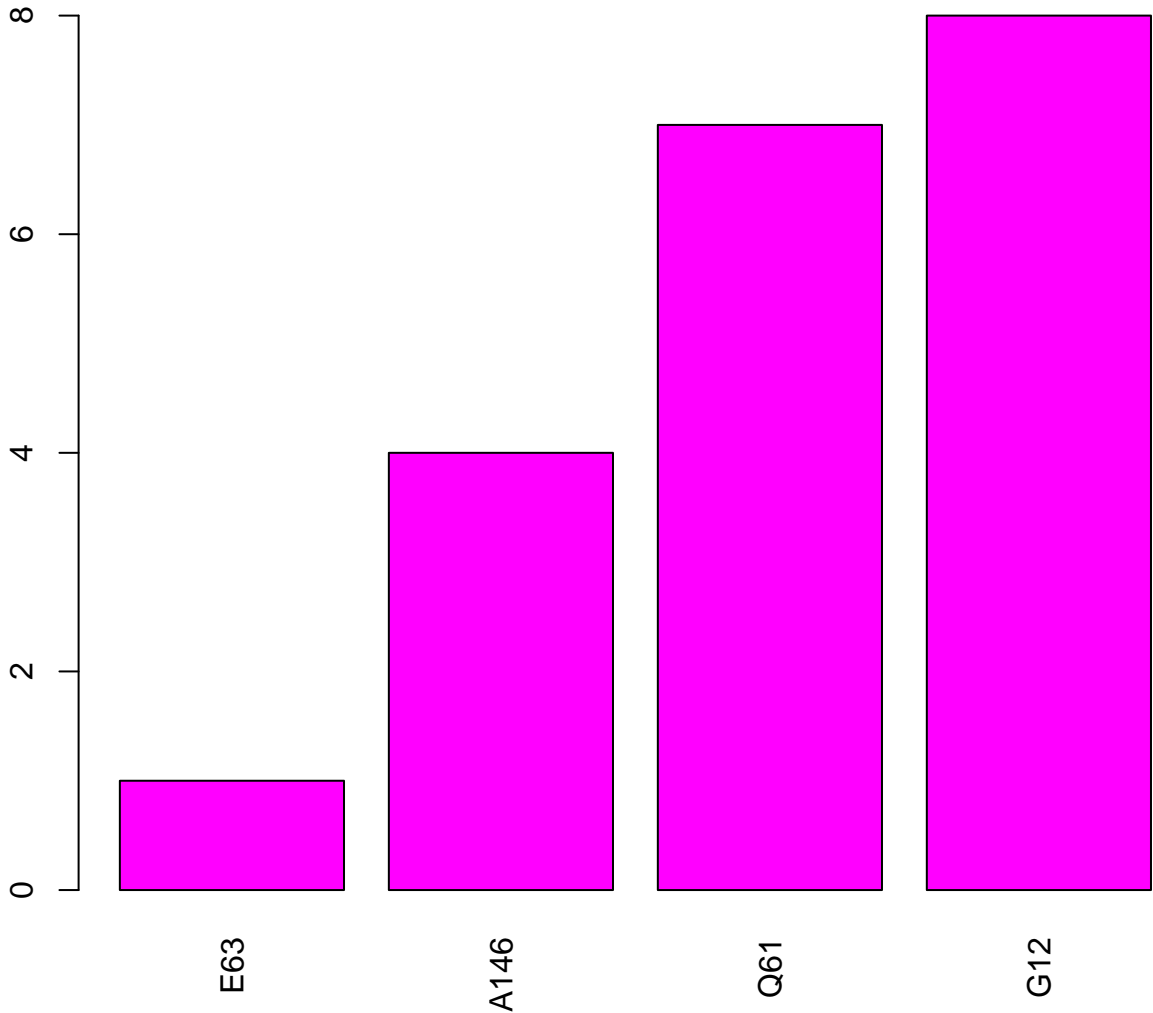
NbrSamples=395 Mutant Samples=37 Total Mutations=37

KRAS mutant **alleles** in **testicular** germ cell tumors (N=155)



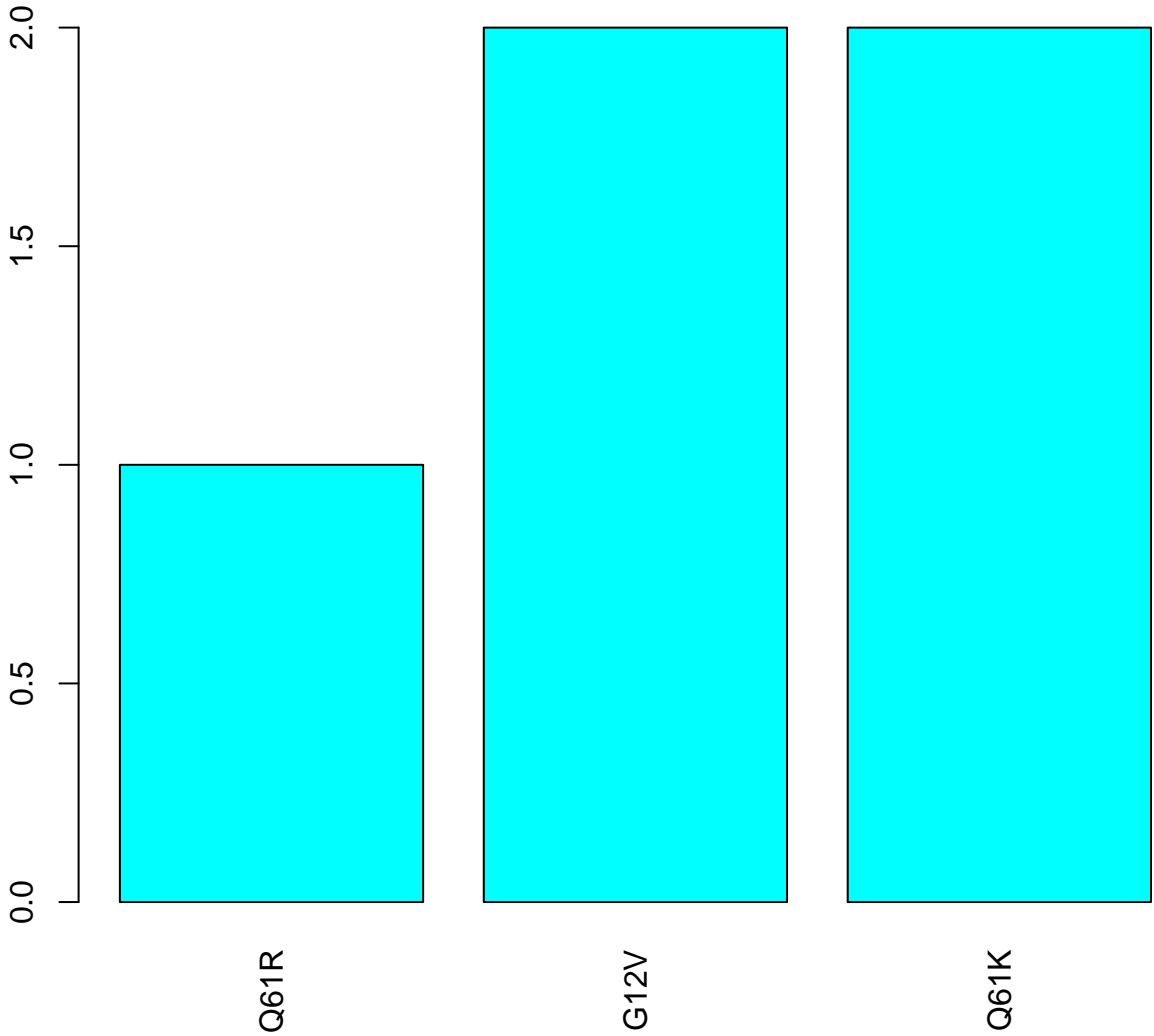
NbrSamples=155 Mutant Samples=20 Total Mutations=20

KRAS mutant **positions** in **testicular** germ cell tumors (N=155)



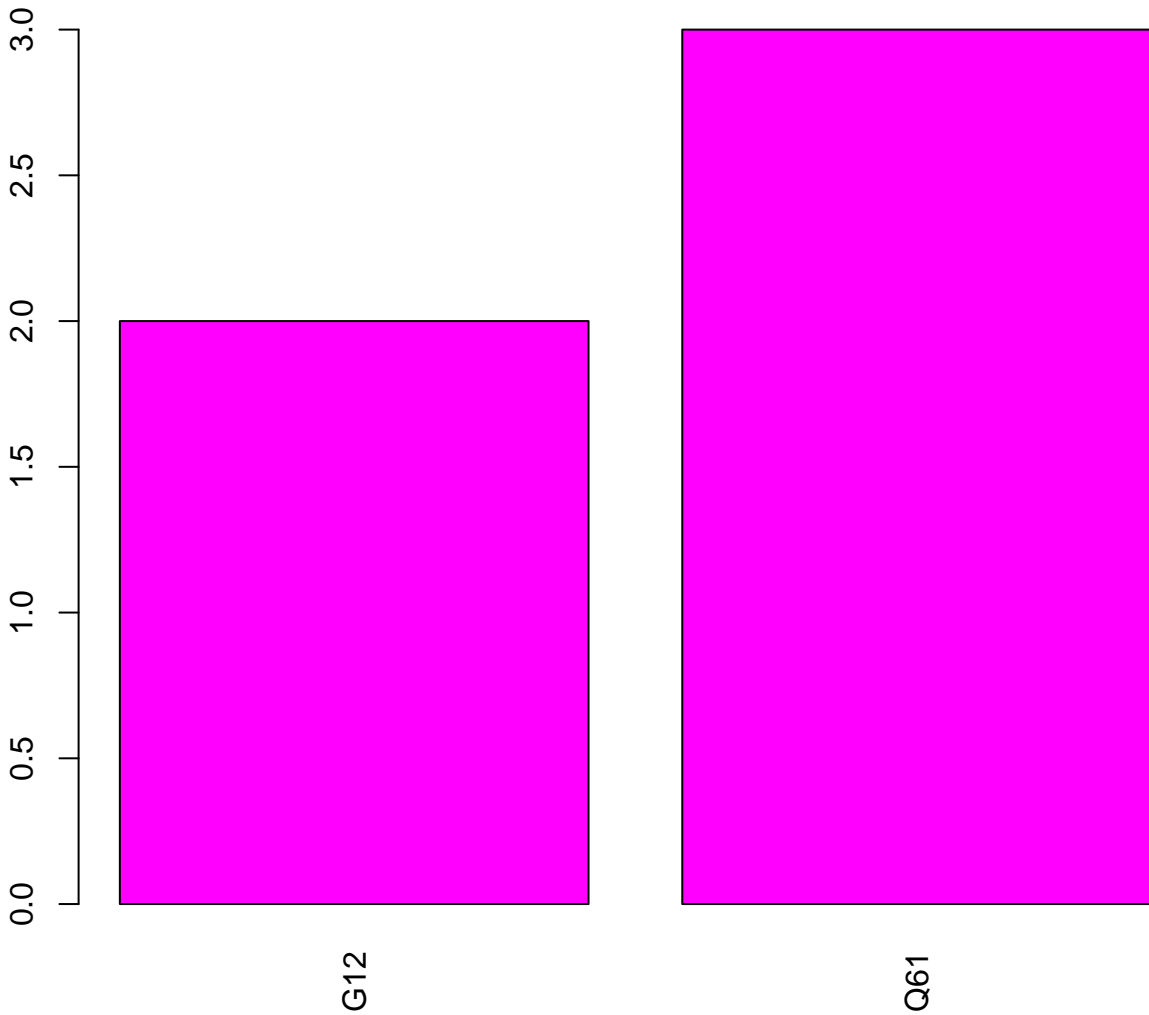
NbrSamples=155 Mutant Samples=20 Total Mutations=20

KRAS mutant **alleles** in **thyroid** carcinoma (N=504)



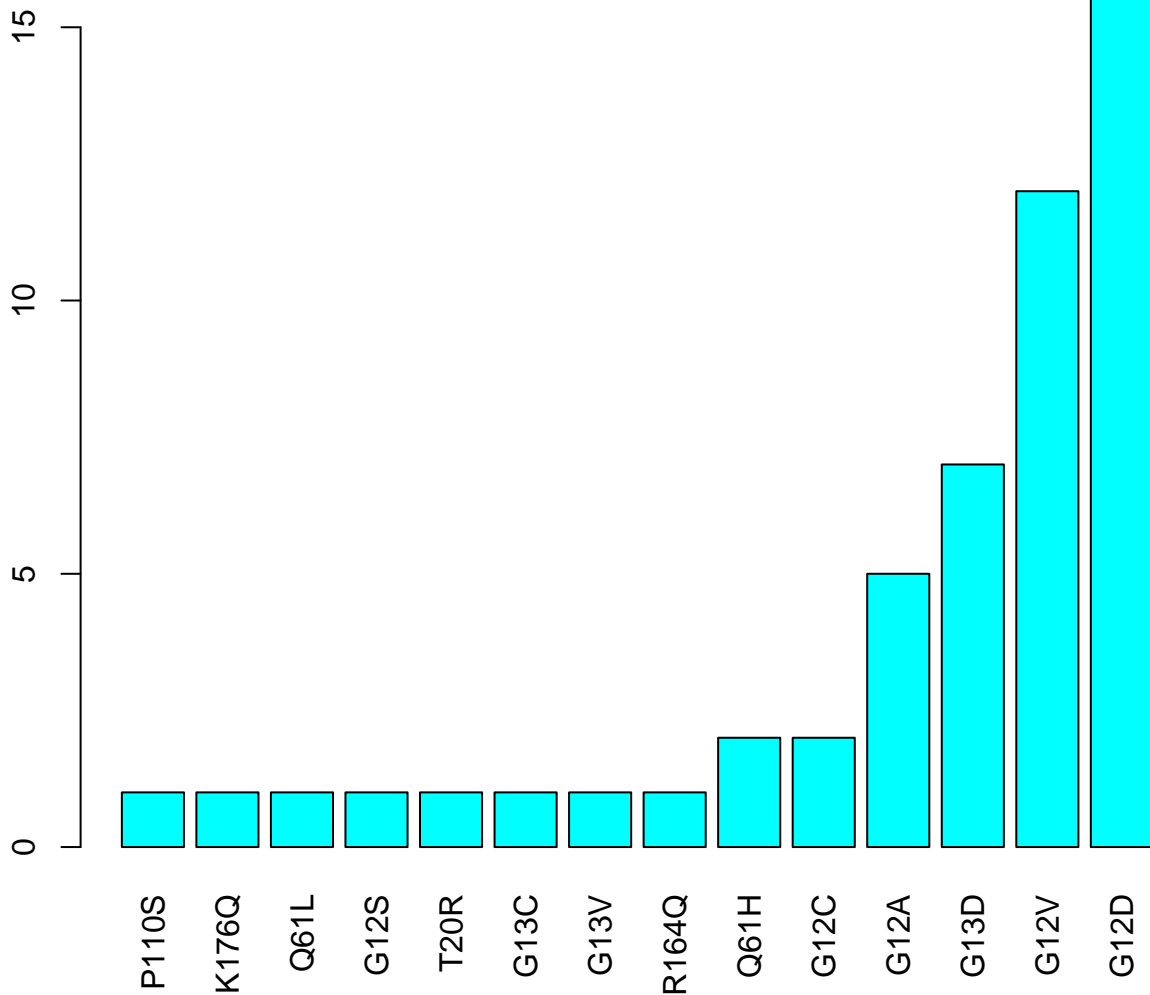
NbrSamples=504 Mutant Samples=5 Total Mutations=5

KRAS mutant **positions** in **thyroid carcinoma** (N=504)



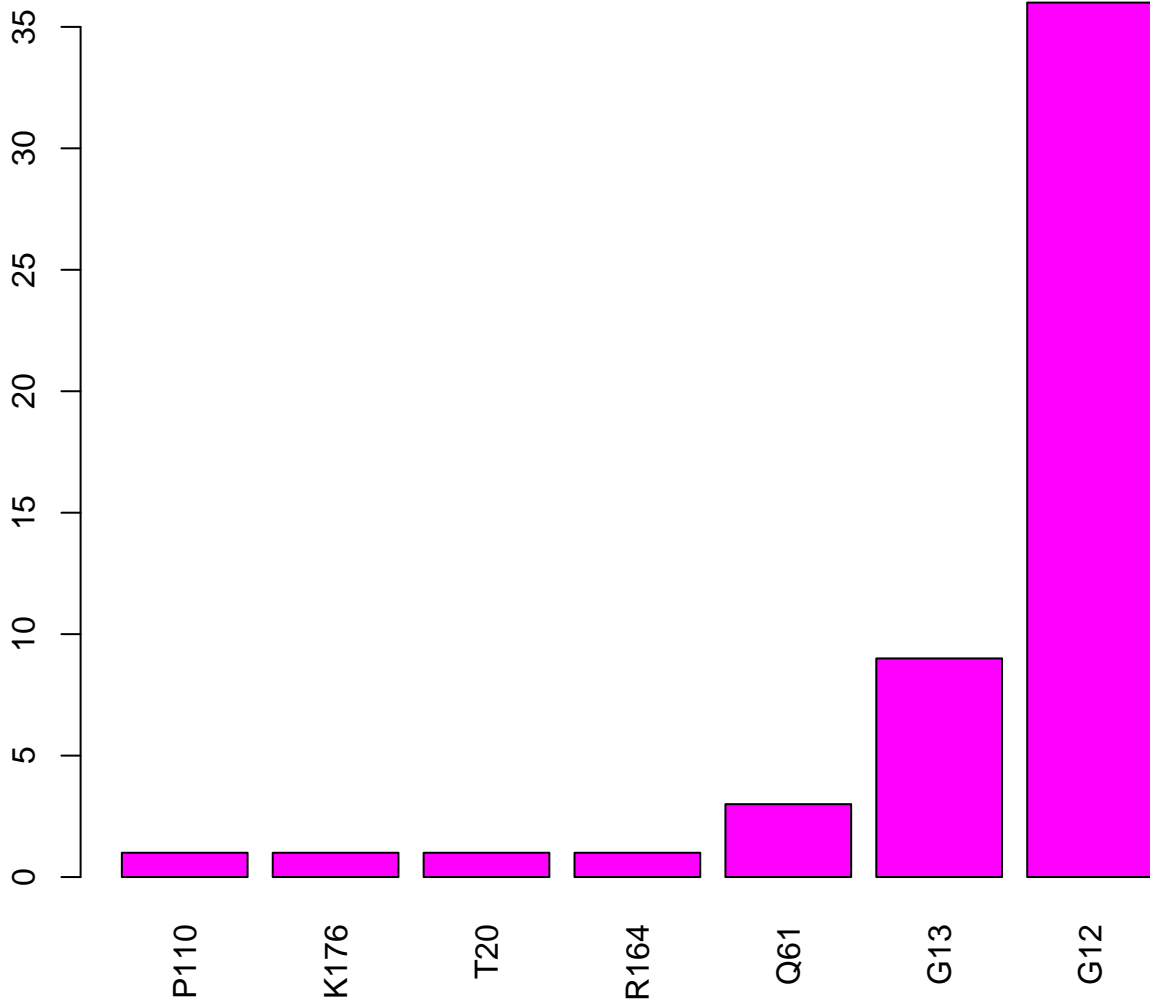
NbrSamples=504 Mutant Samples=5 Total Mutations=5

KRAS mutant **alleles** in uterine corpus **endometrial** carcinoma (N=248)



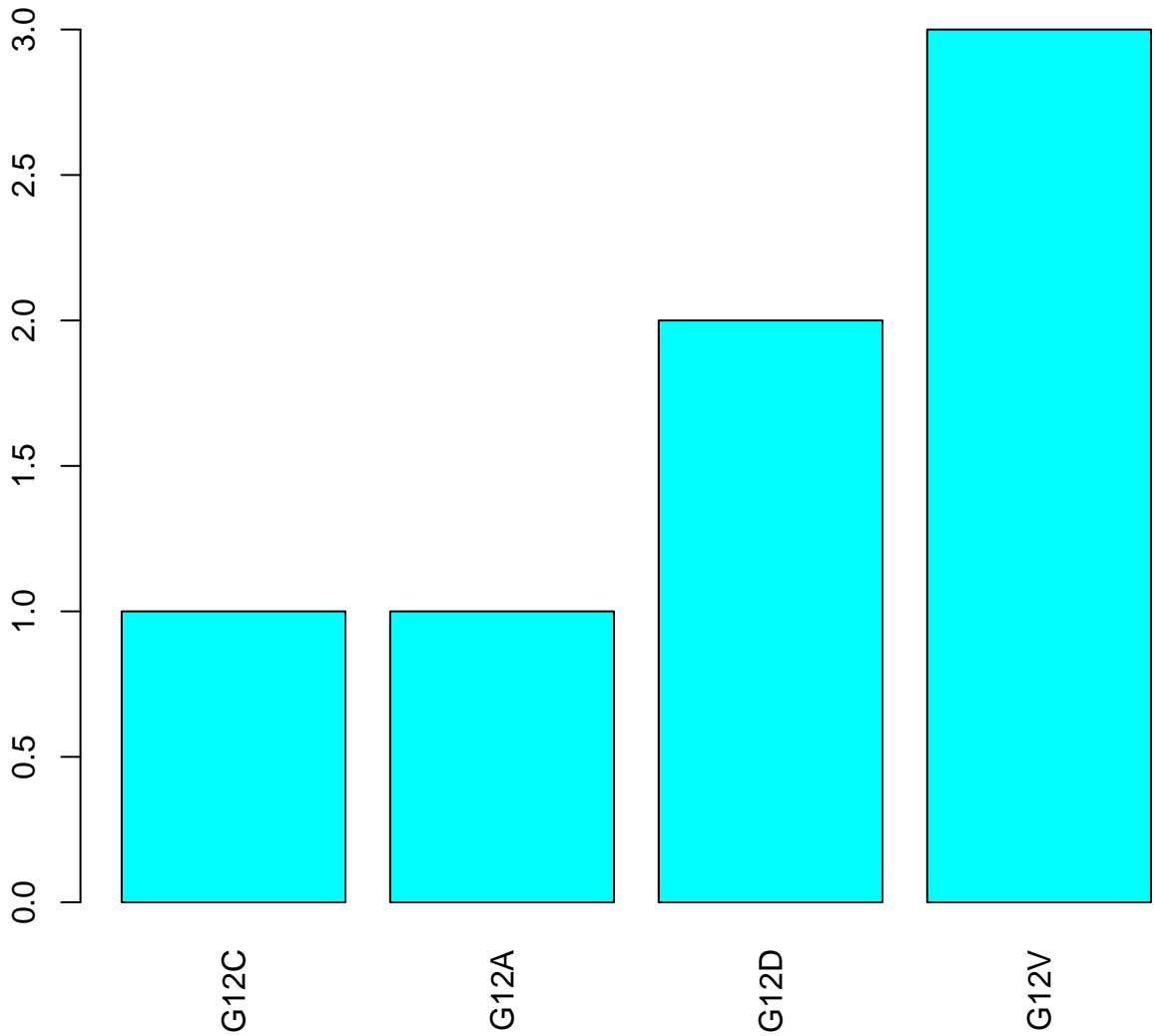
NbrSamples=248 Mutant Samples=52 Total Mutations=52

KRAS mutant **positions** in uterine corpus **endometrial** carcinoma (N=248)



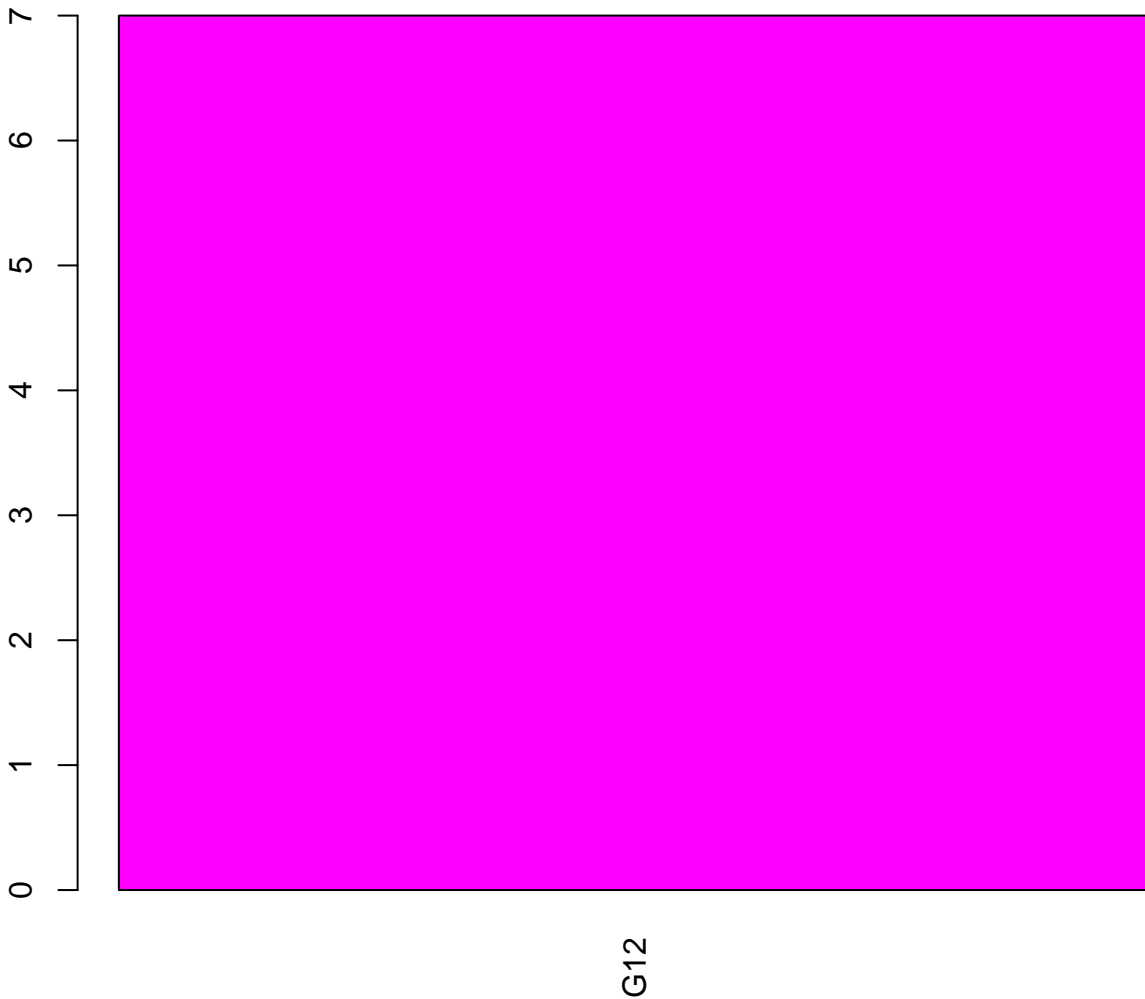
NbrSamples=248 Mutant Samples=52 Total Mutations=52

KRAS mutant **alleles** in **uterine** carcinosarcoma (N=248)



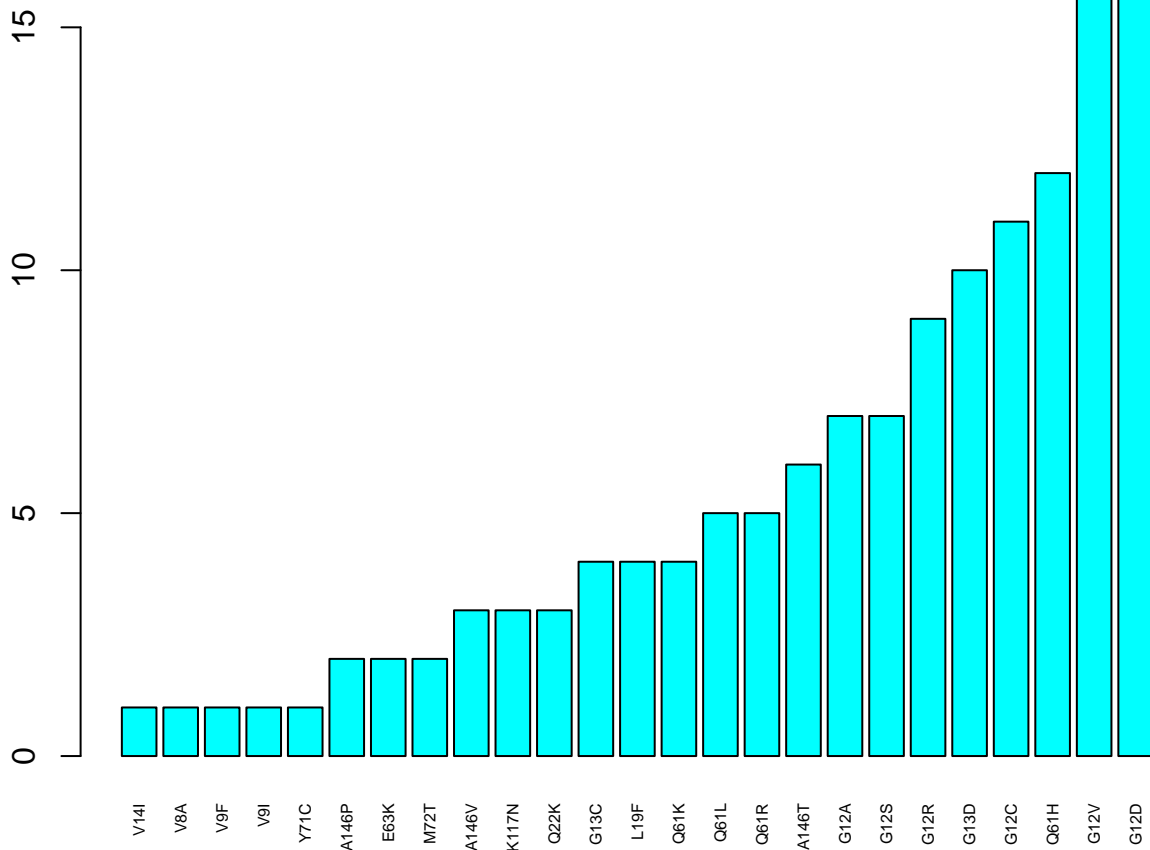
NbrSamples=57 Mutant Samples=7 Total Mutations=7

KRAS mutant **positions** in **uterine** carcinosarcoma (N=248)



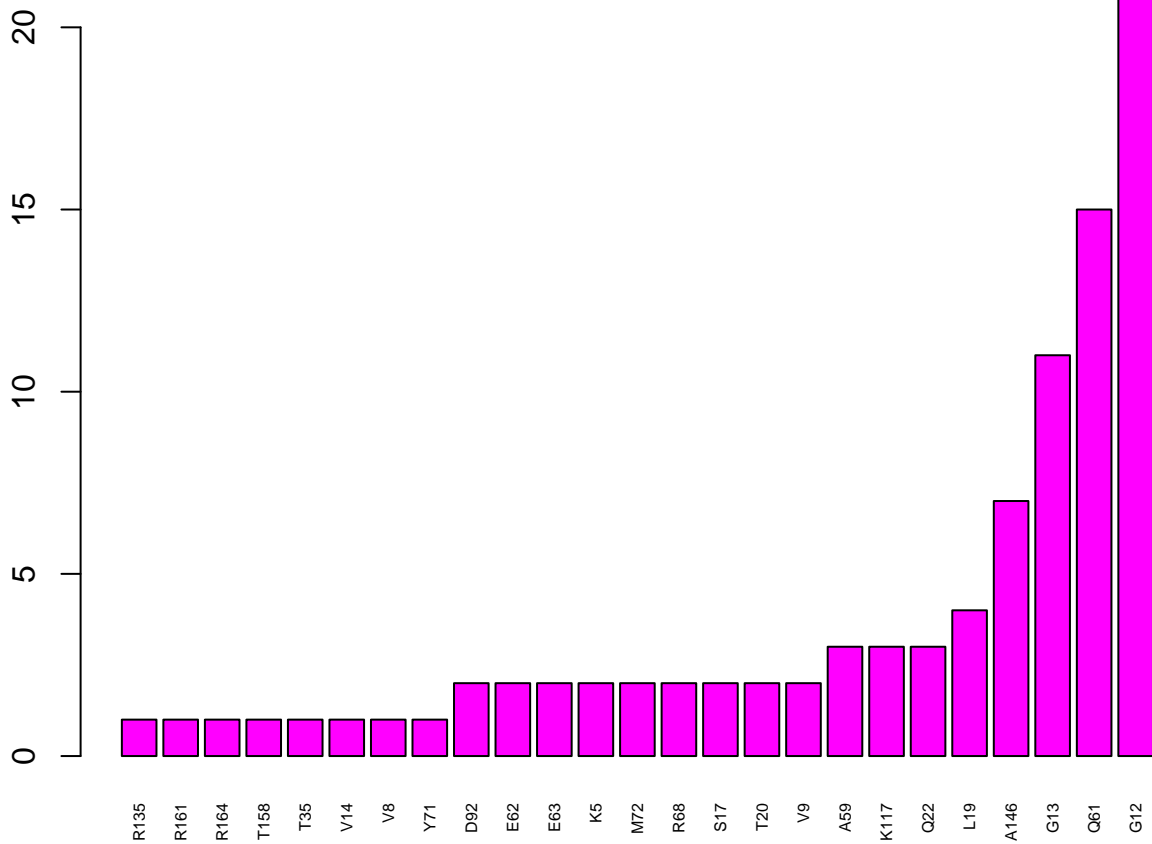
NbrSamples=57 Mutant Samples=7 Total Mutations=7

Number of cancer types where each KRAS mutation occurs, top 25



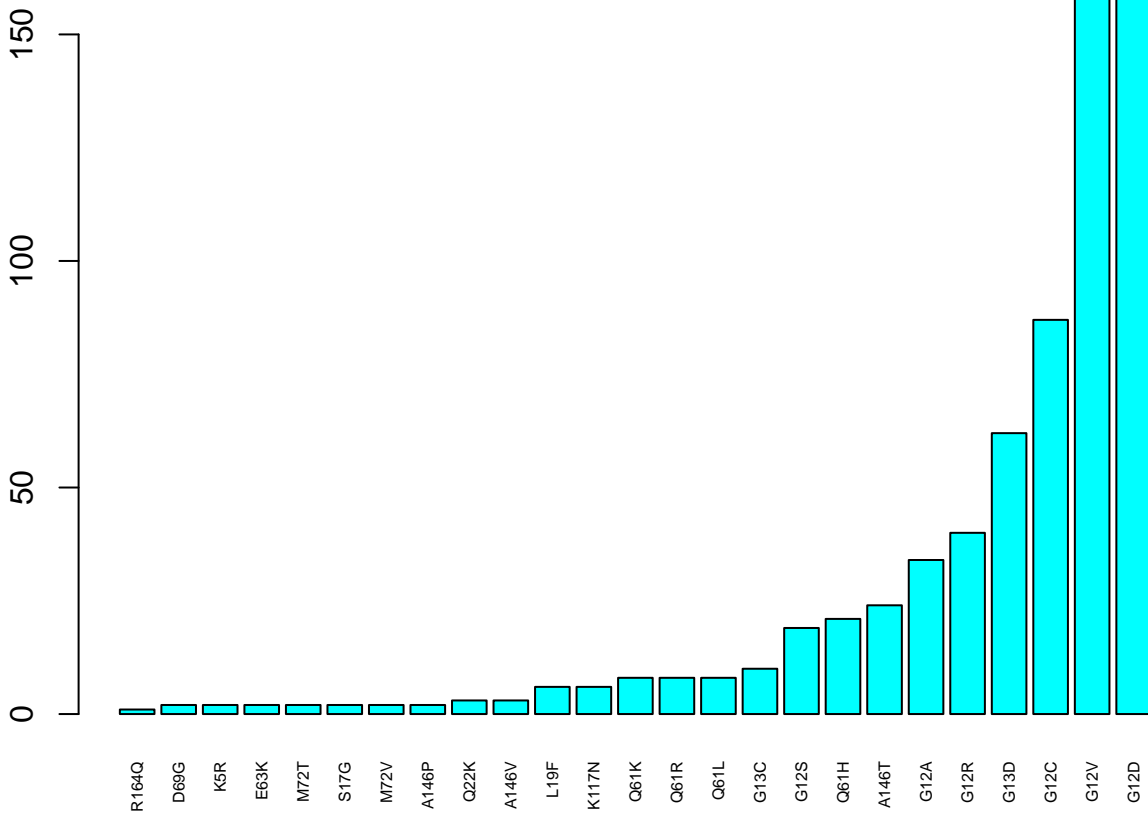
48 not shown

Number of cancer **types** where each KRAS mutation **position** occurs, **top 25**



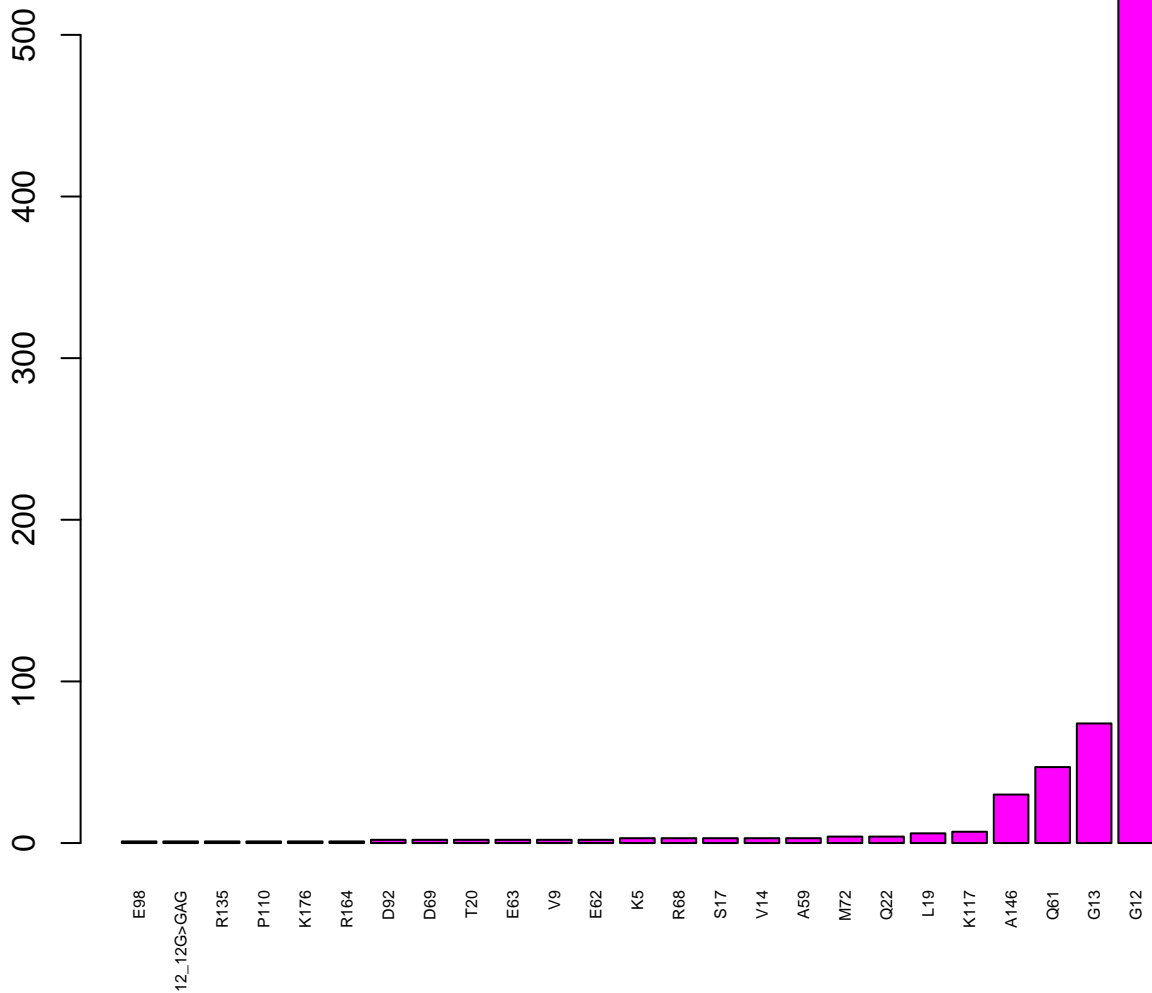
16 not shown

Number of **times** each KRAS **mutation** occurs across all cancer types, **top 25**



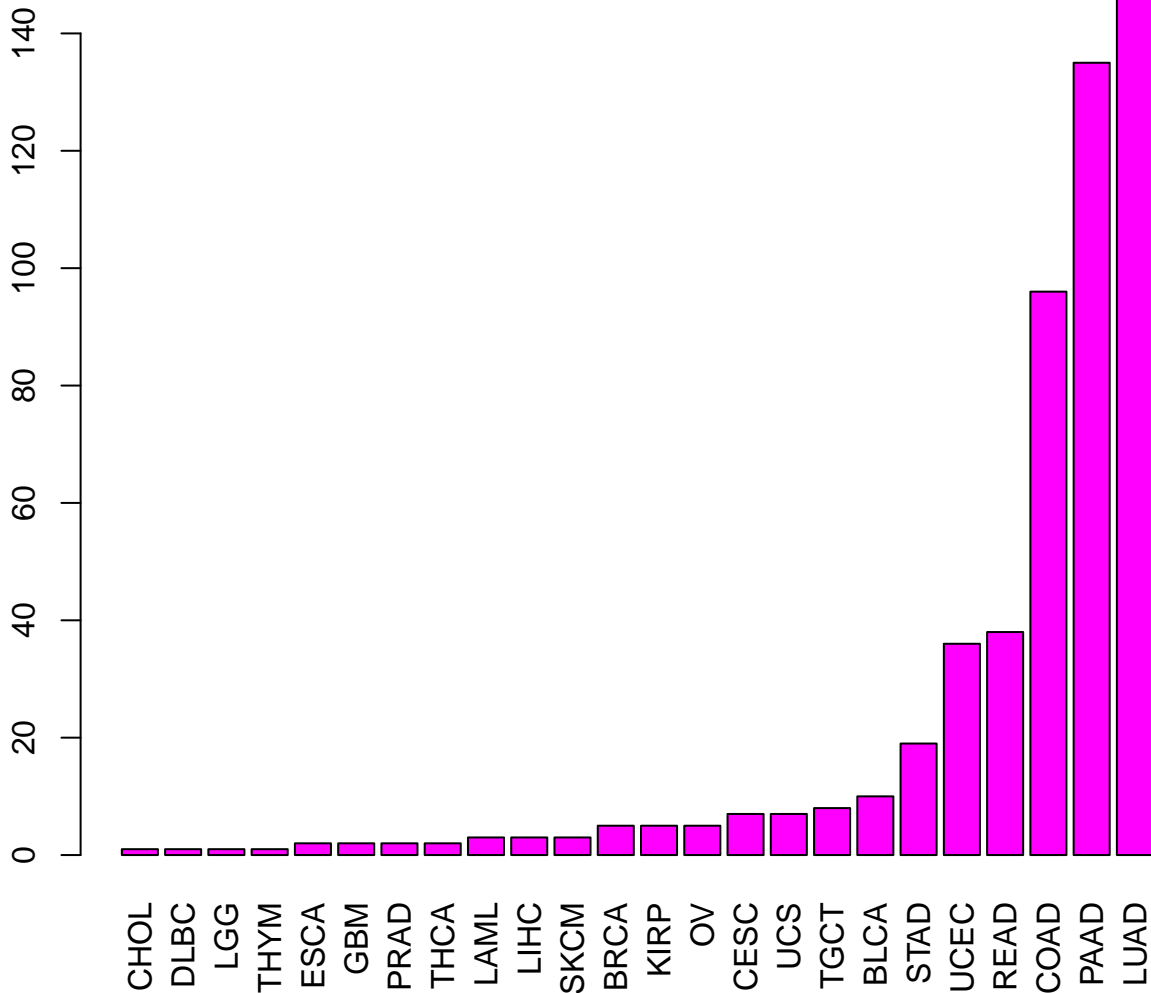
48 not shown

Number of **times** each KRAS mutation **position** occurs across all cancer types, **top 25**

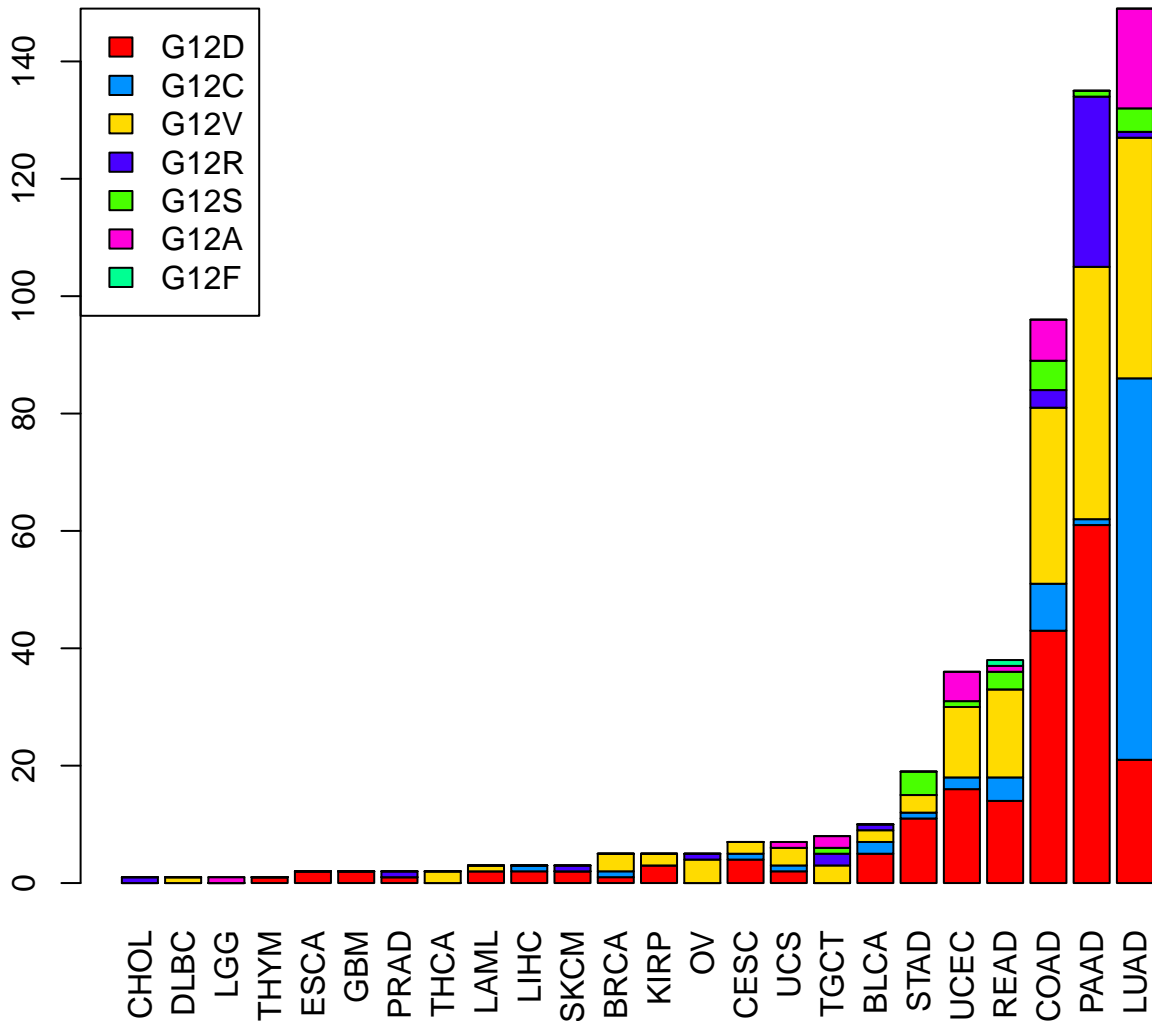


16 not shown

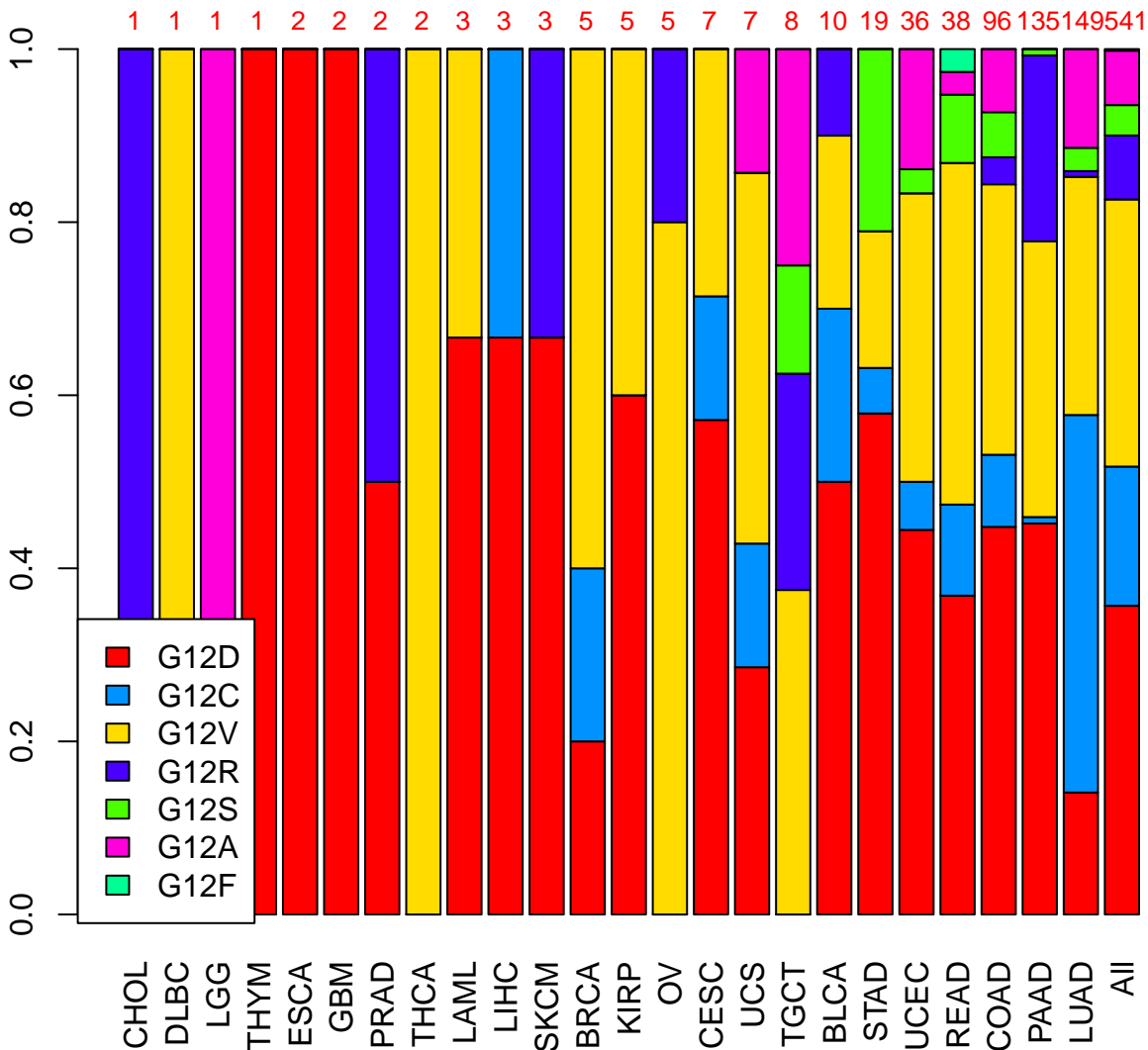
Total number of KRAS G12 mutations in different cancer types



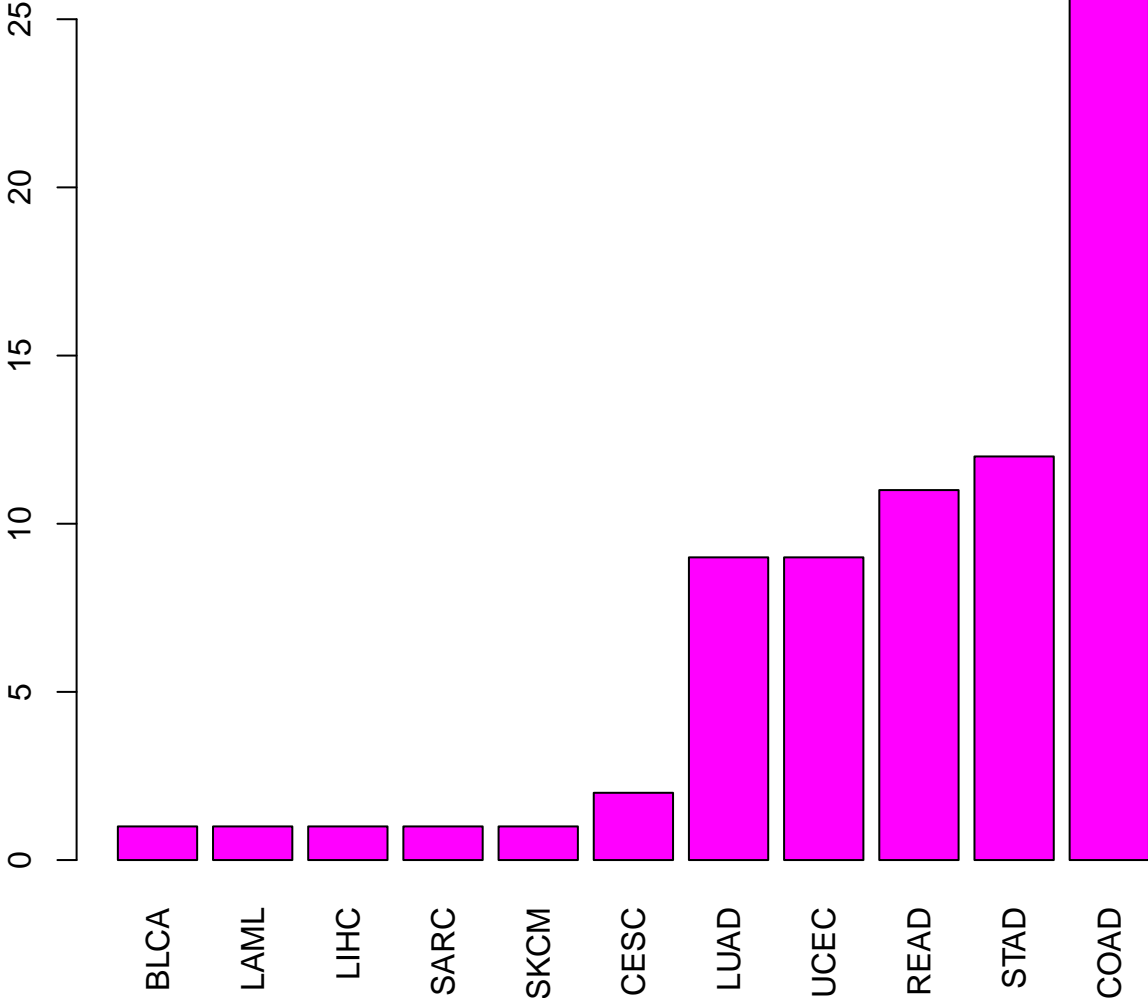
Mutated allele breakdown for KRAS G12 mutations



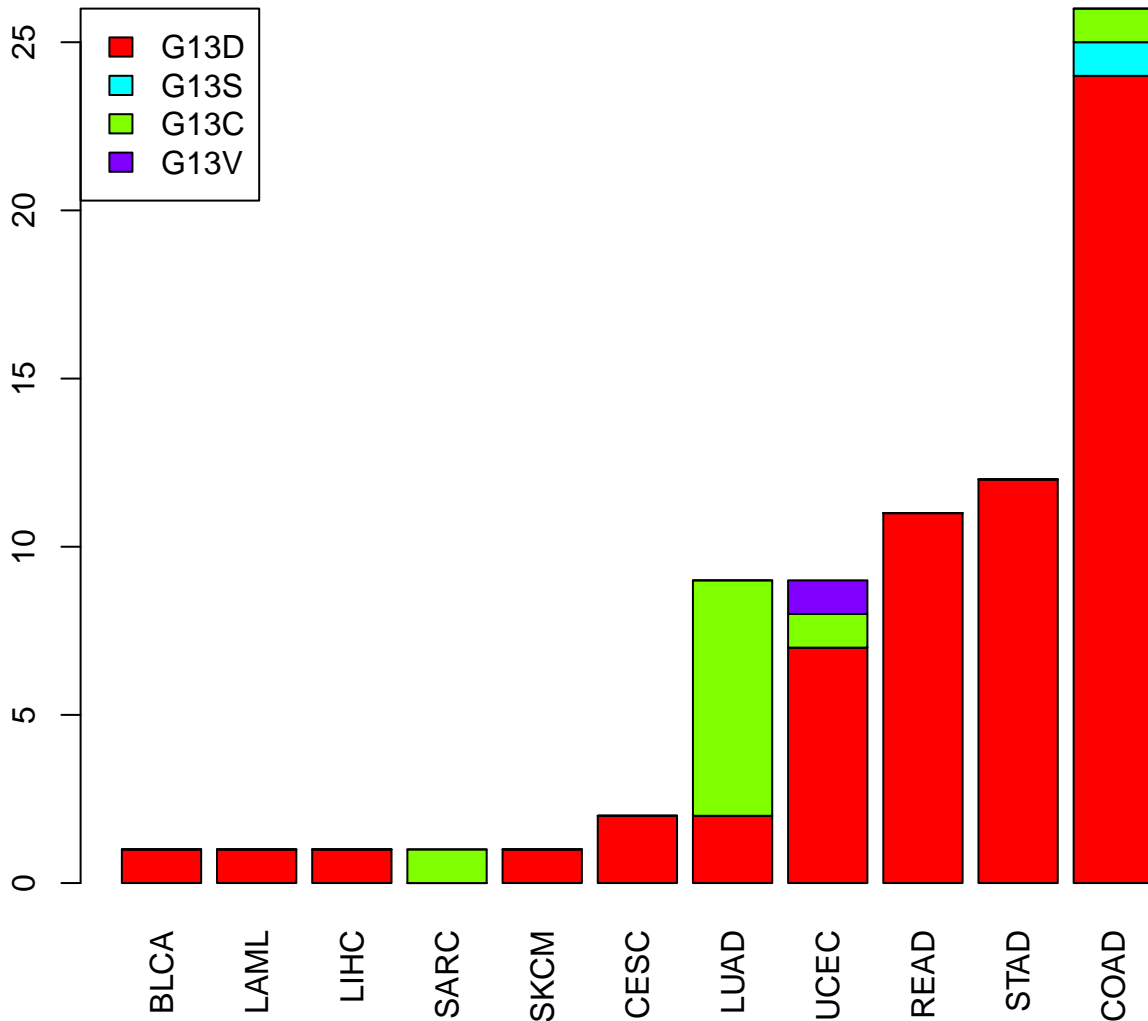
Proportional View of Allele Breakdown of KRAS G12 Mutations



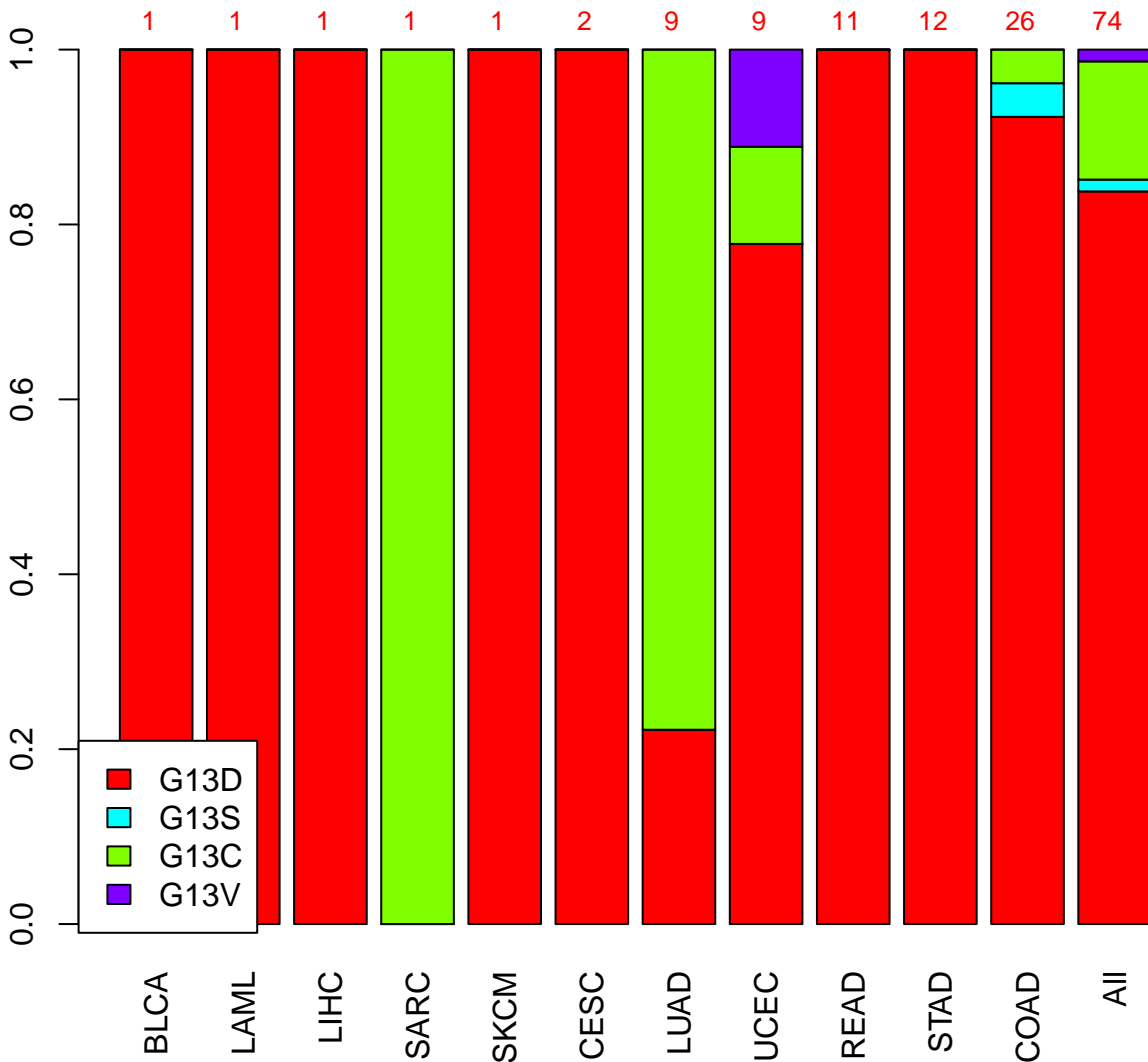
Total number of KRAS **G13** mutations in different cancer types



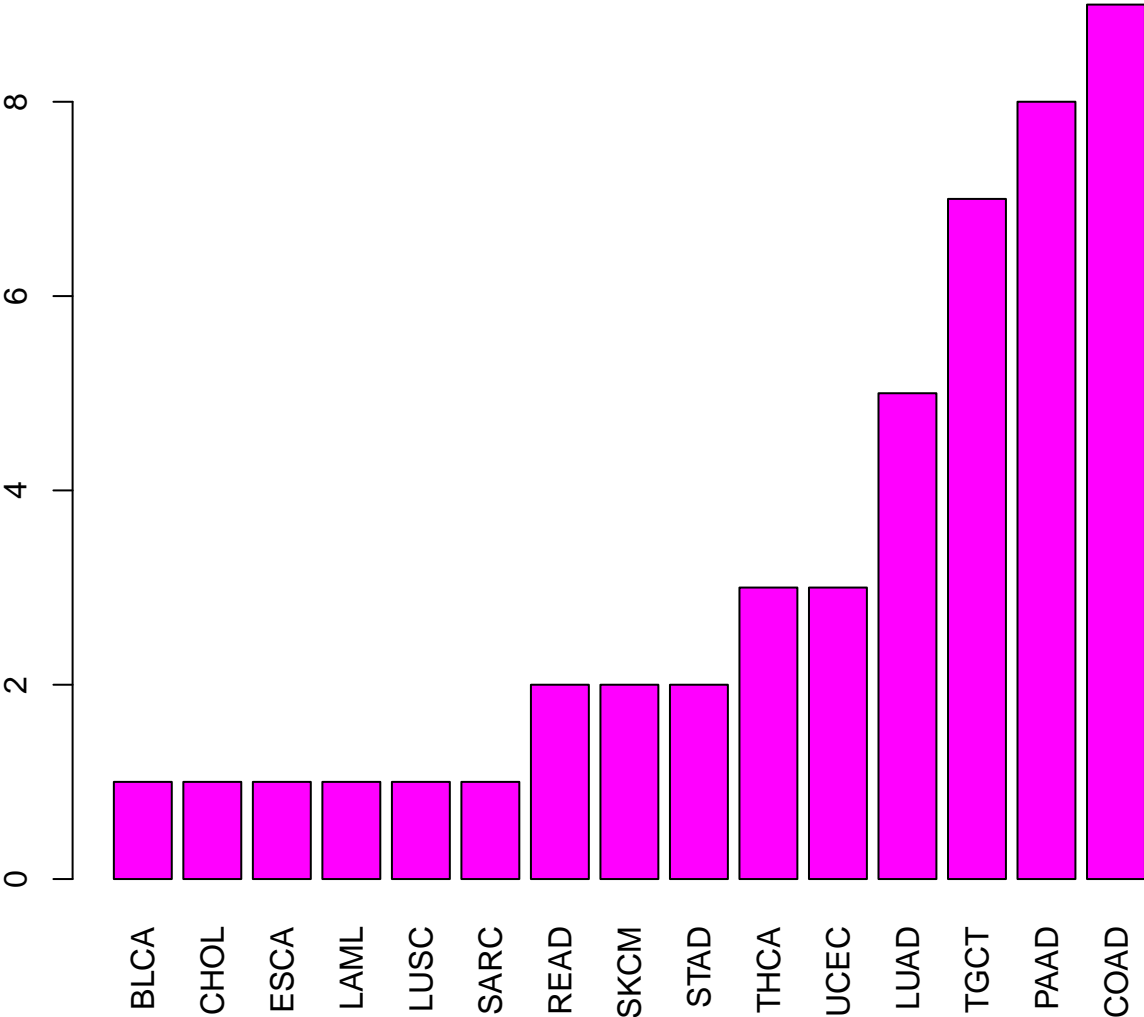
Mutated allele breakdown for KRAS G13 mutations



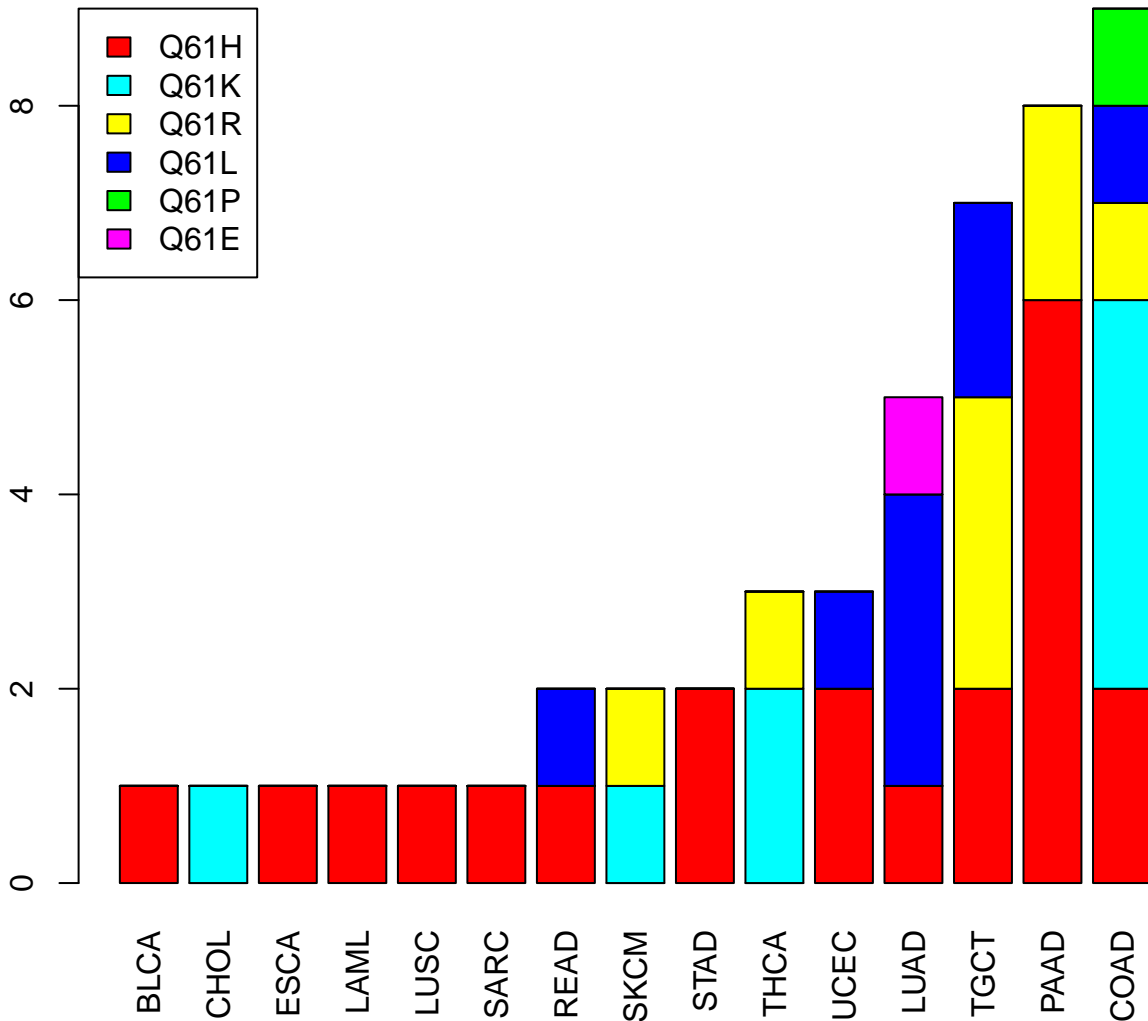
Proportional view of allele breakdown of KRAS G13 mutations



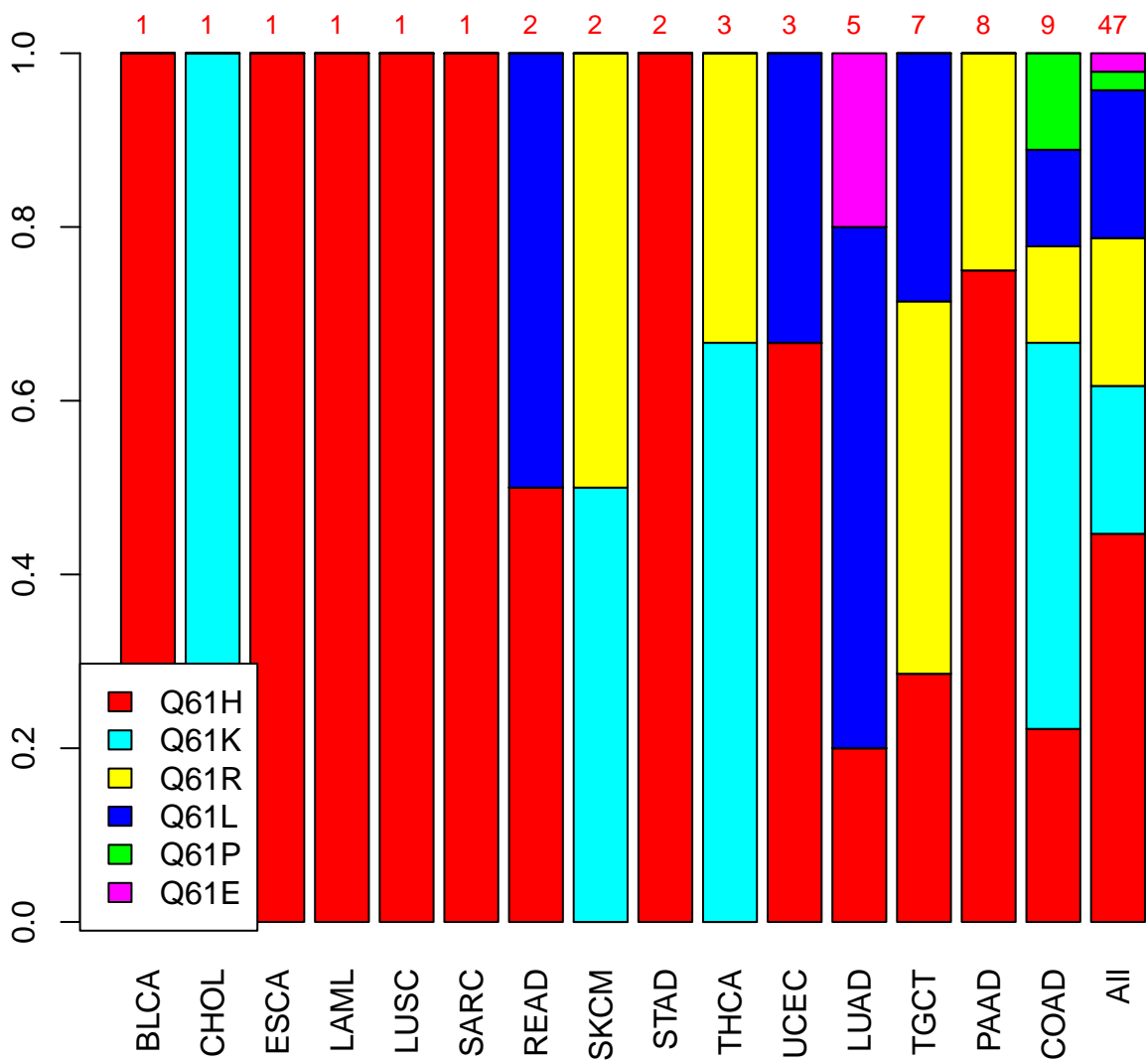
Total number of KRAS Q61 mutations in different cancer types



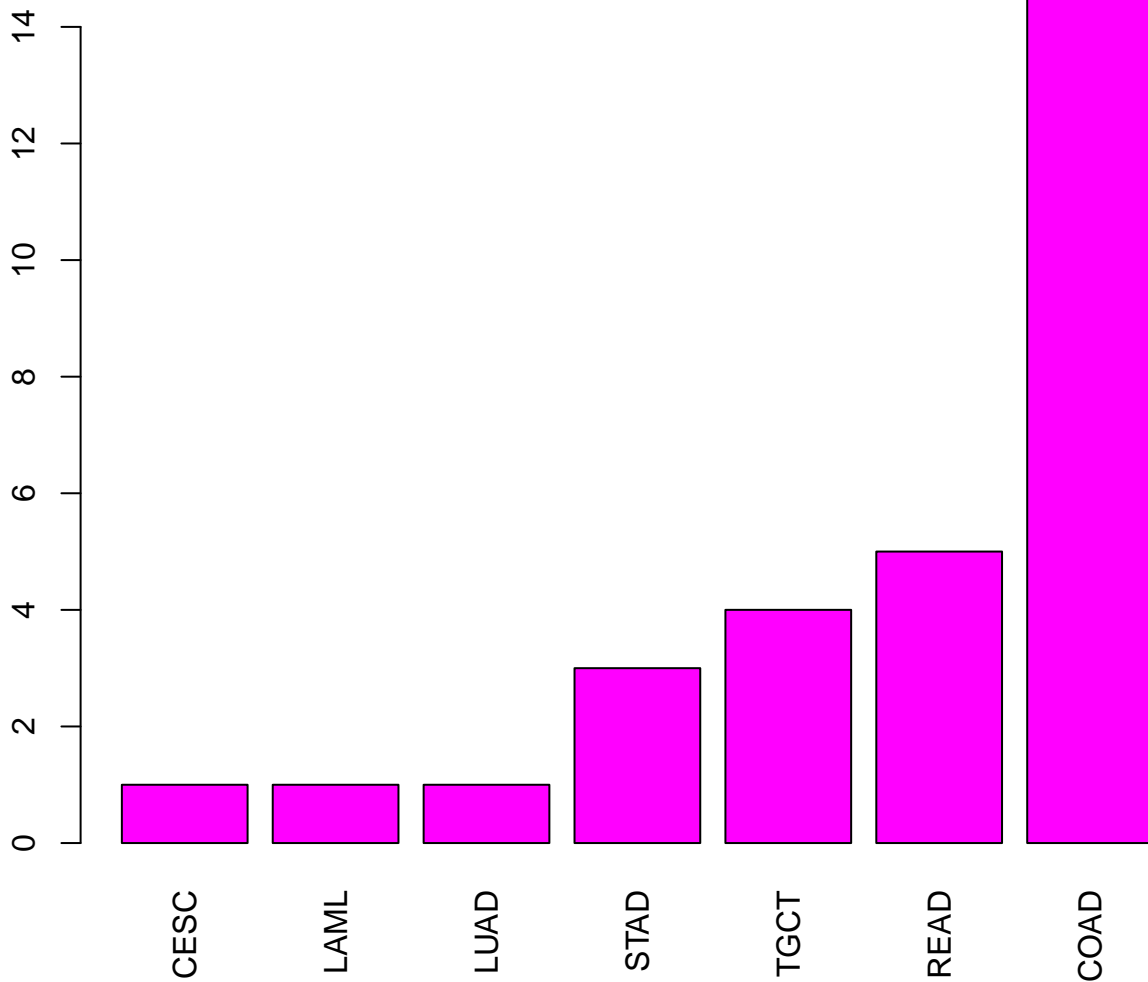
Mutated allele breakdown for KRAS Q61 mutations



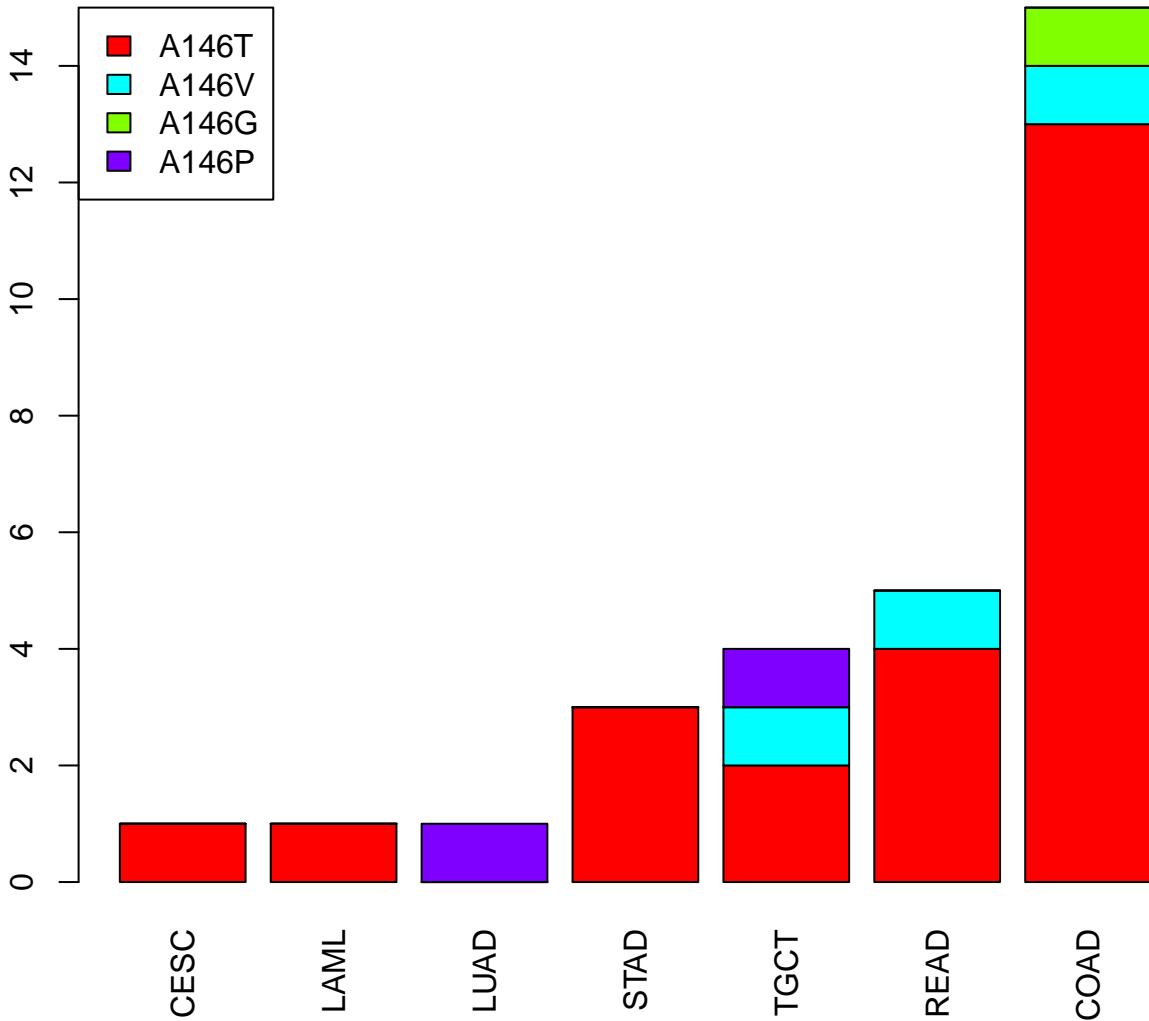
Proportional view of allele breakdown of KRAS Q61 mutations



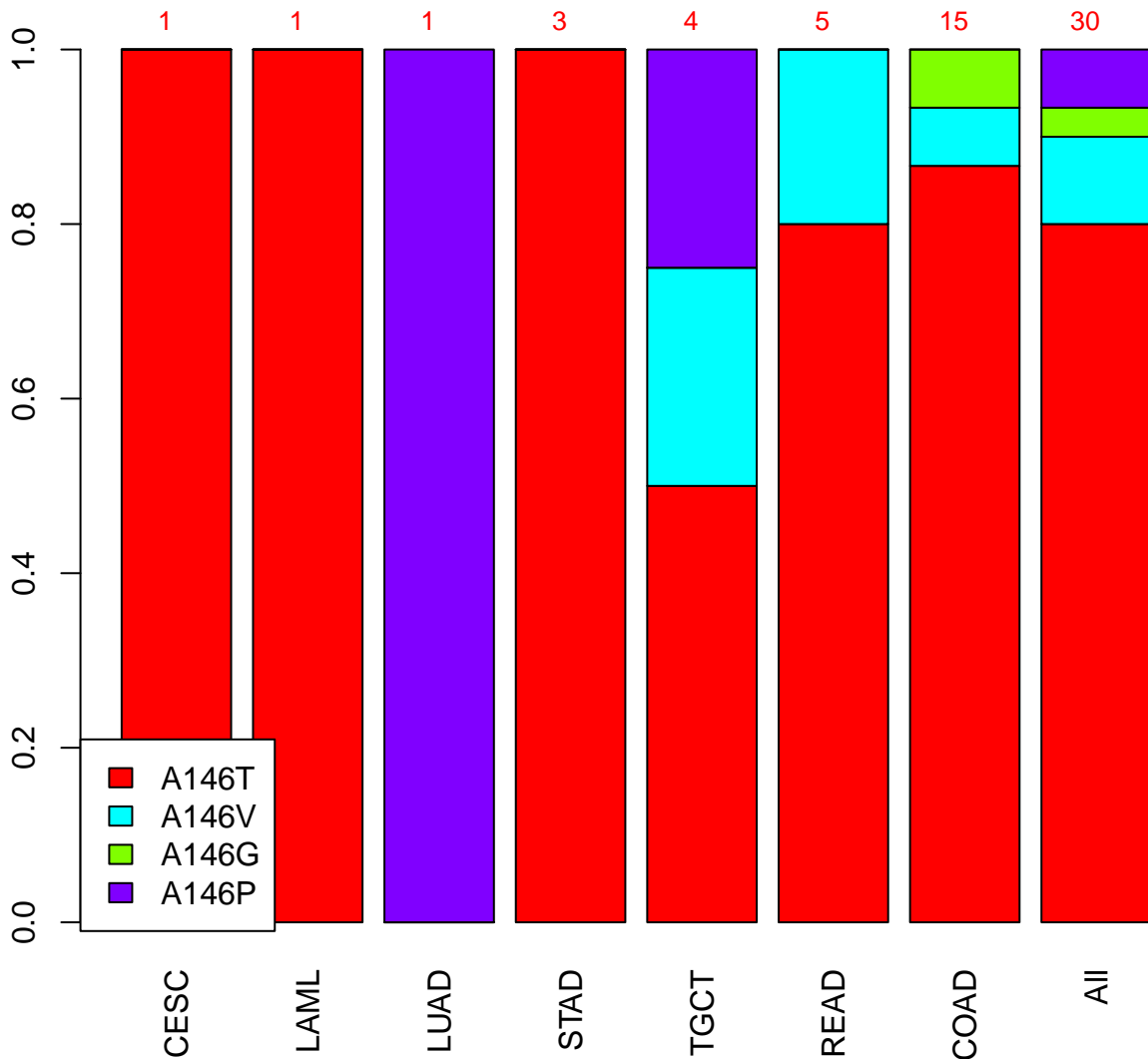
Total number of KRAS **A146** mutations in different cancer types



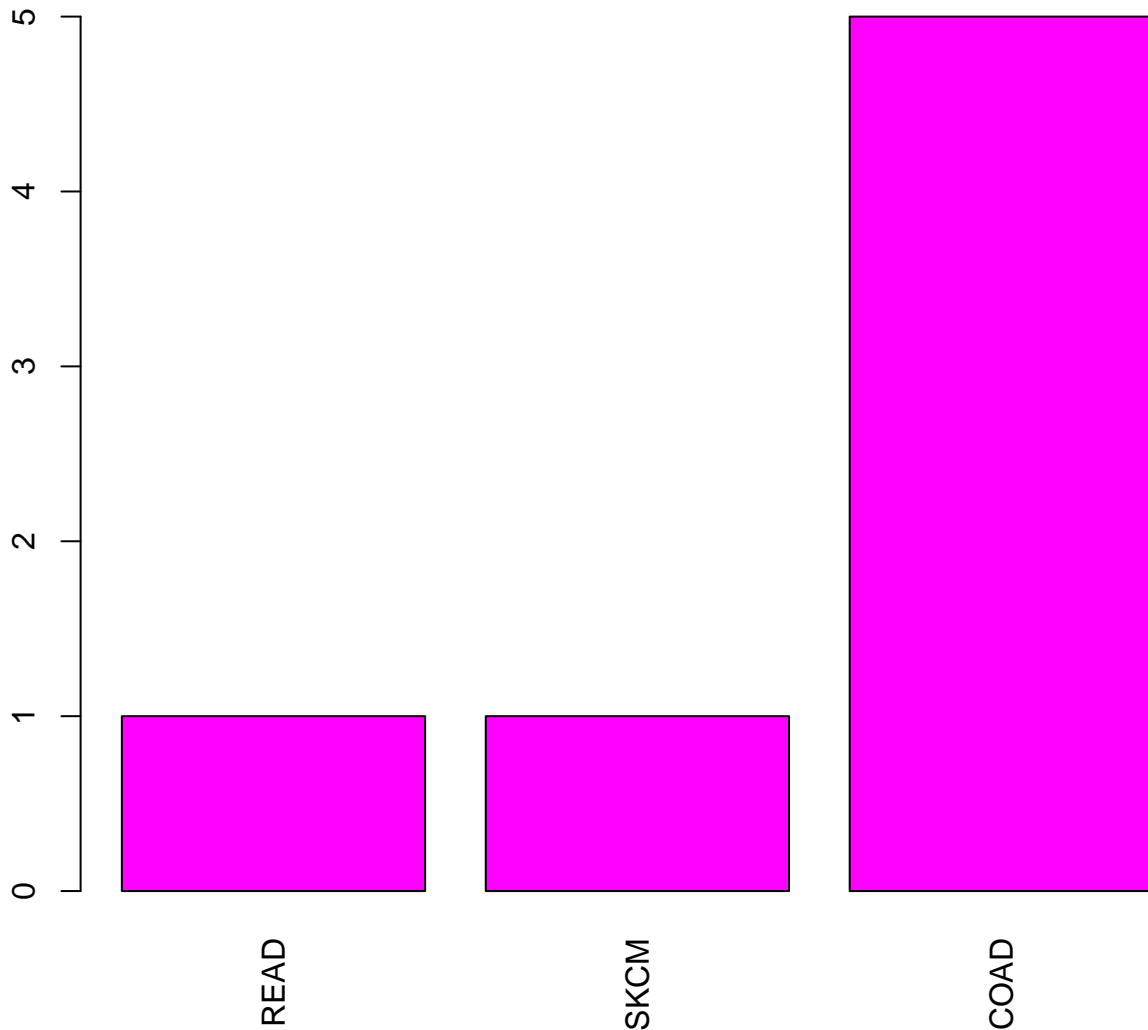
Mutated allele breakdown for KRAS **A146** mutations



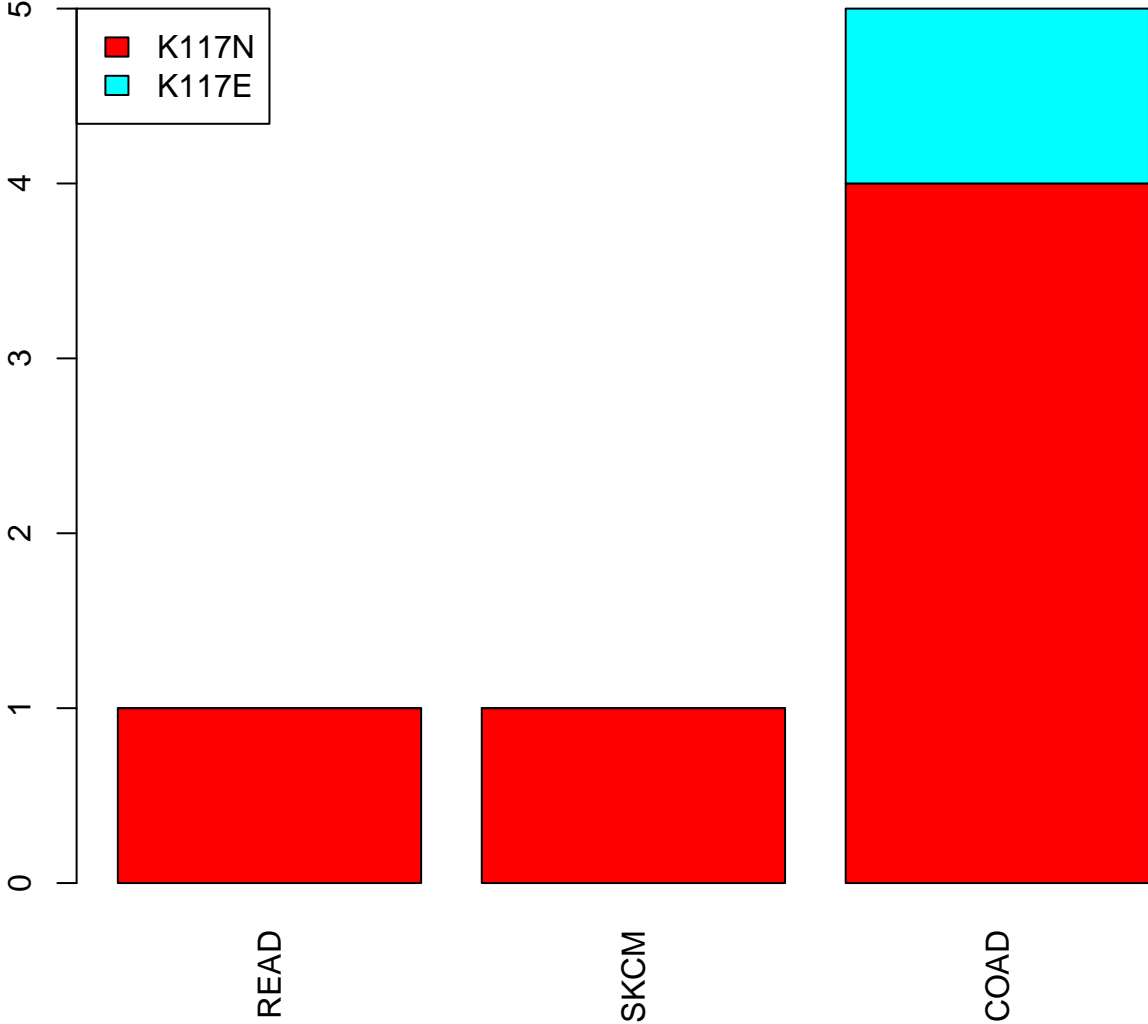
Proportional view of allele breakdown of KRAS A146 mutations



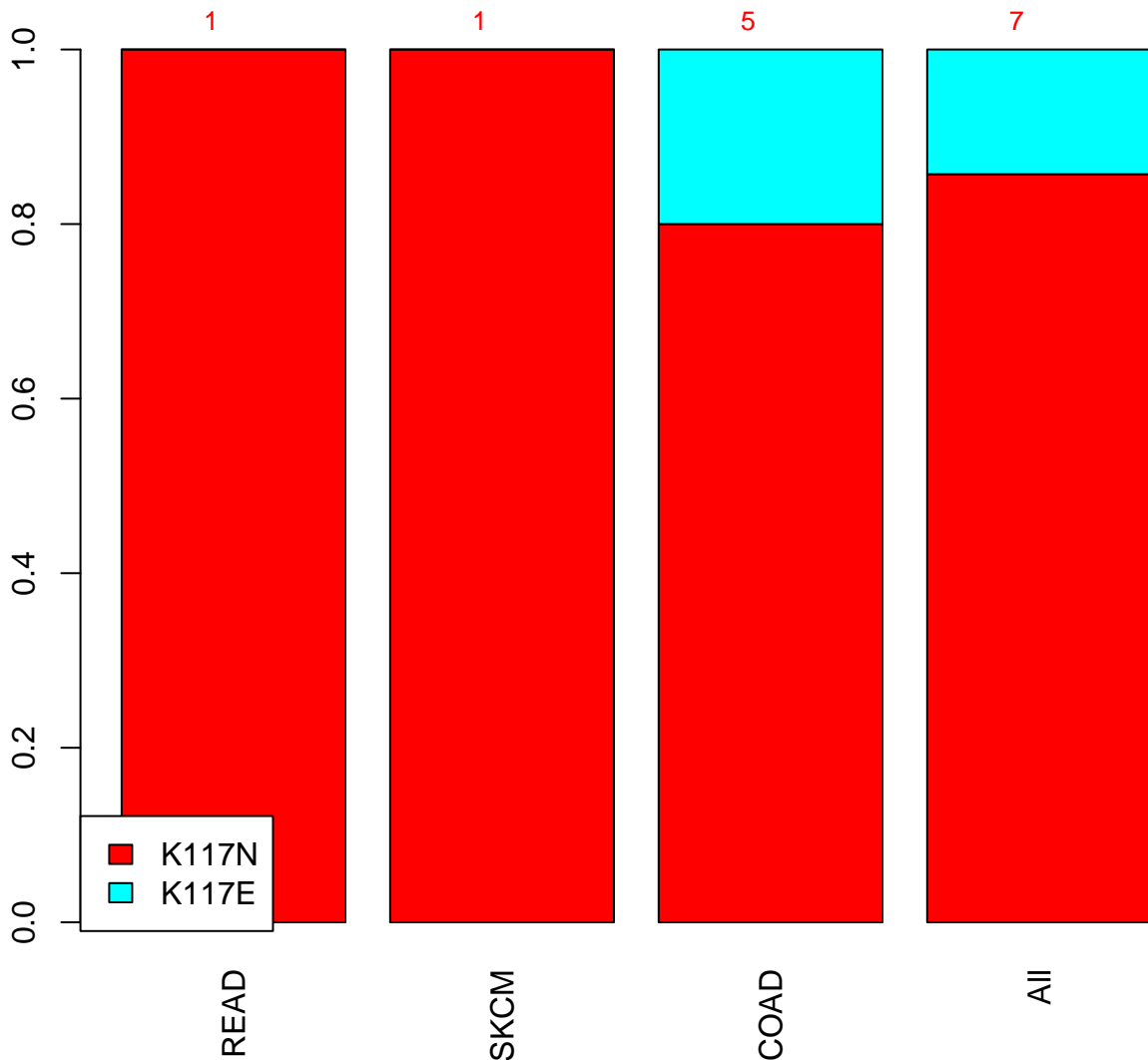
Total number of KRAS K117 mutations in different cancer types



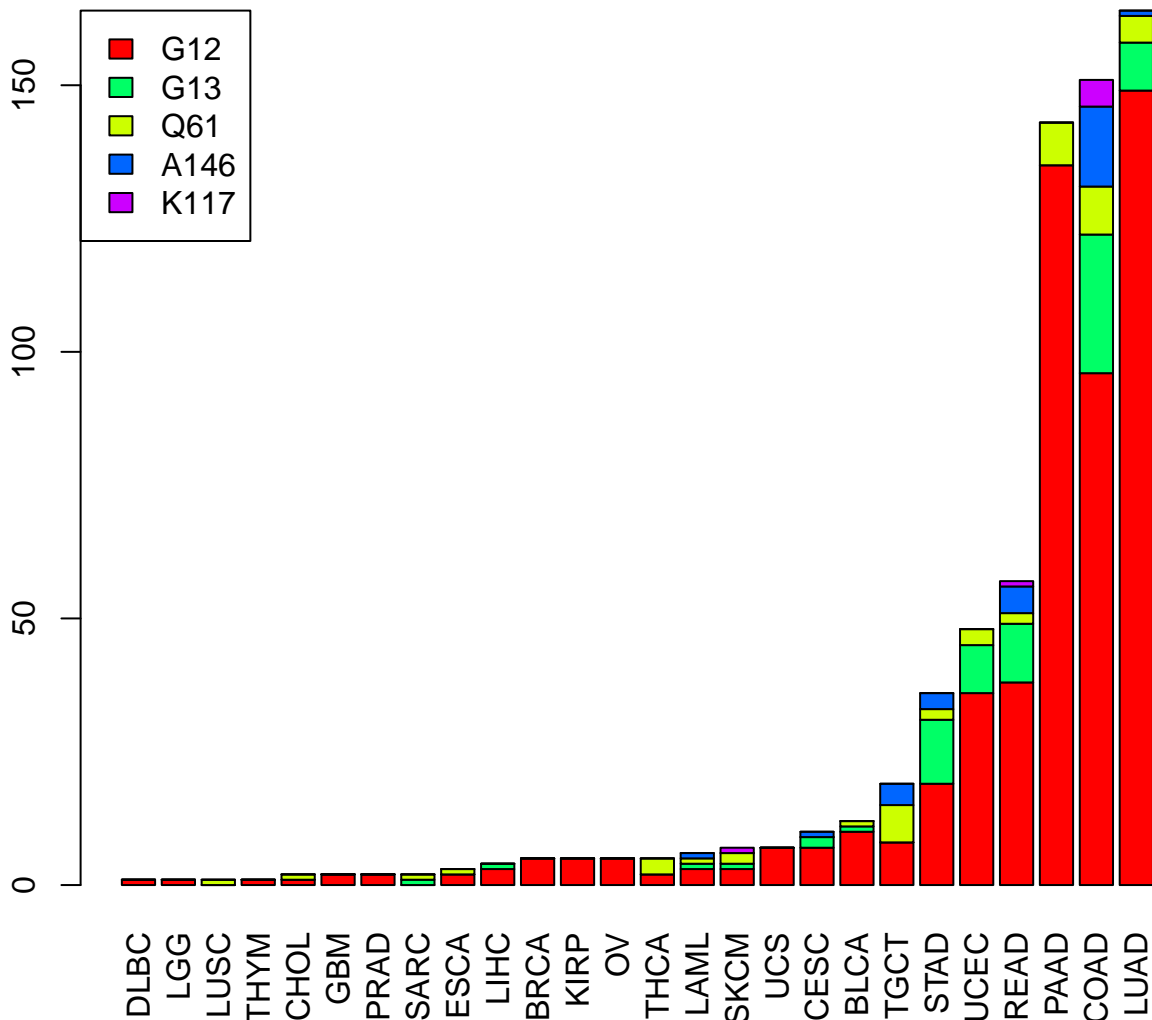
Mutated allele breakdown for KRAS K117 mutations



Proportional view of allele breakdown of KRAS K117 mutations



Positional breakdown of KRAS mutations across cancer types



Proportional Position Breakdown of KRAS Mutations

