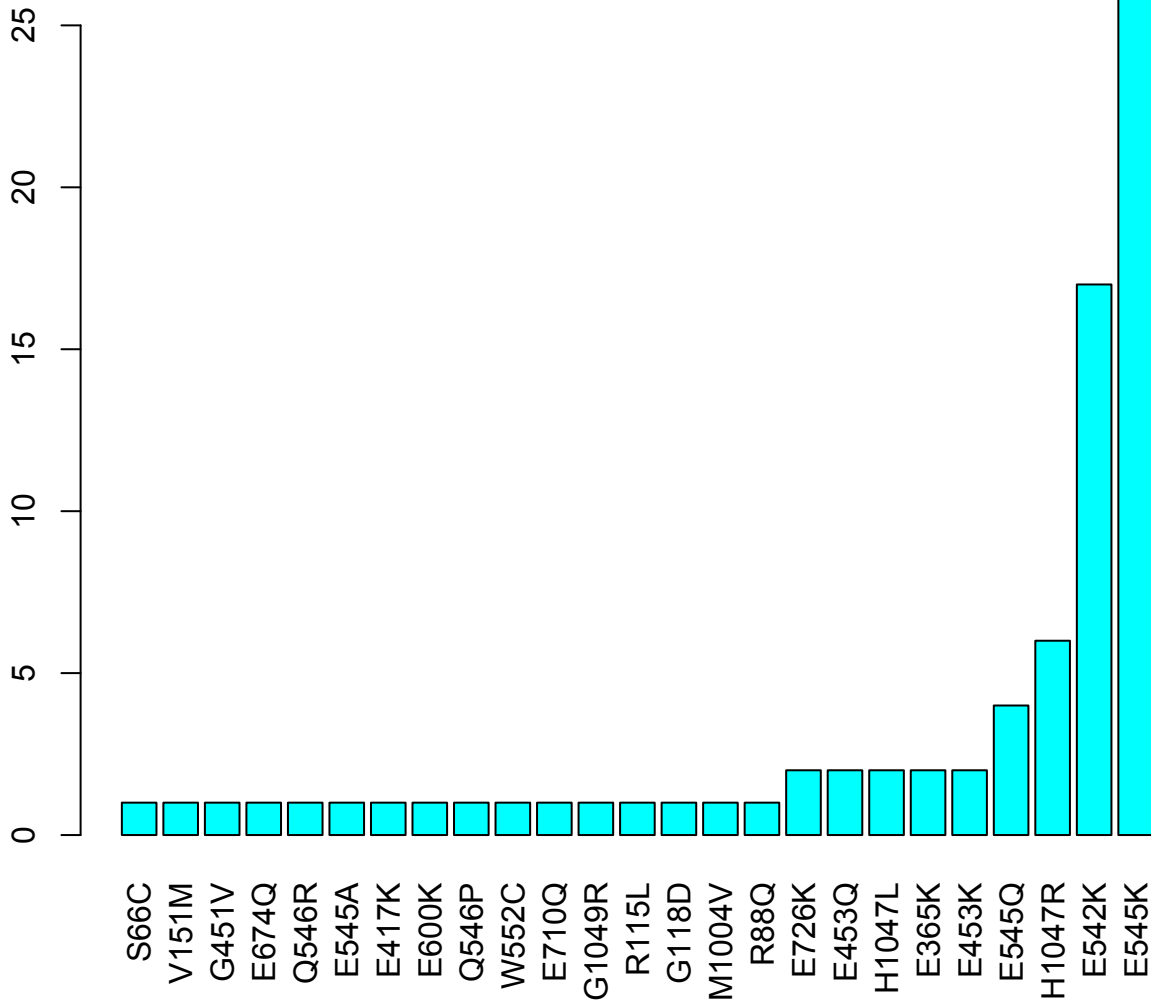


Table of TCGA Cancer Codes

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

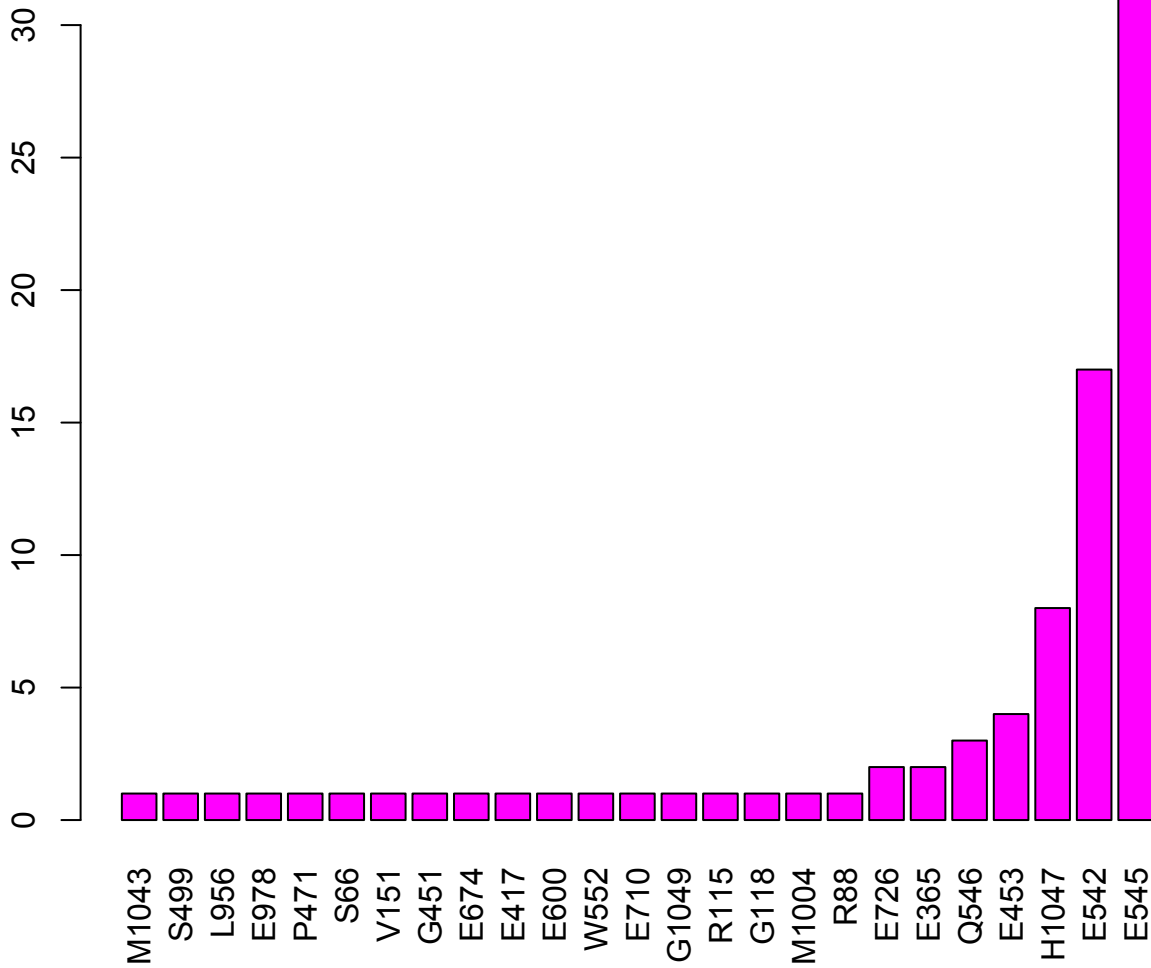
*Number of samples with mutation data

PIK3CA mutant **alleles** in **bladder** urothelial carcinoma (N=396), **top 25**



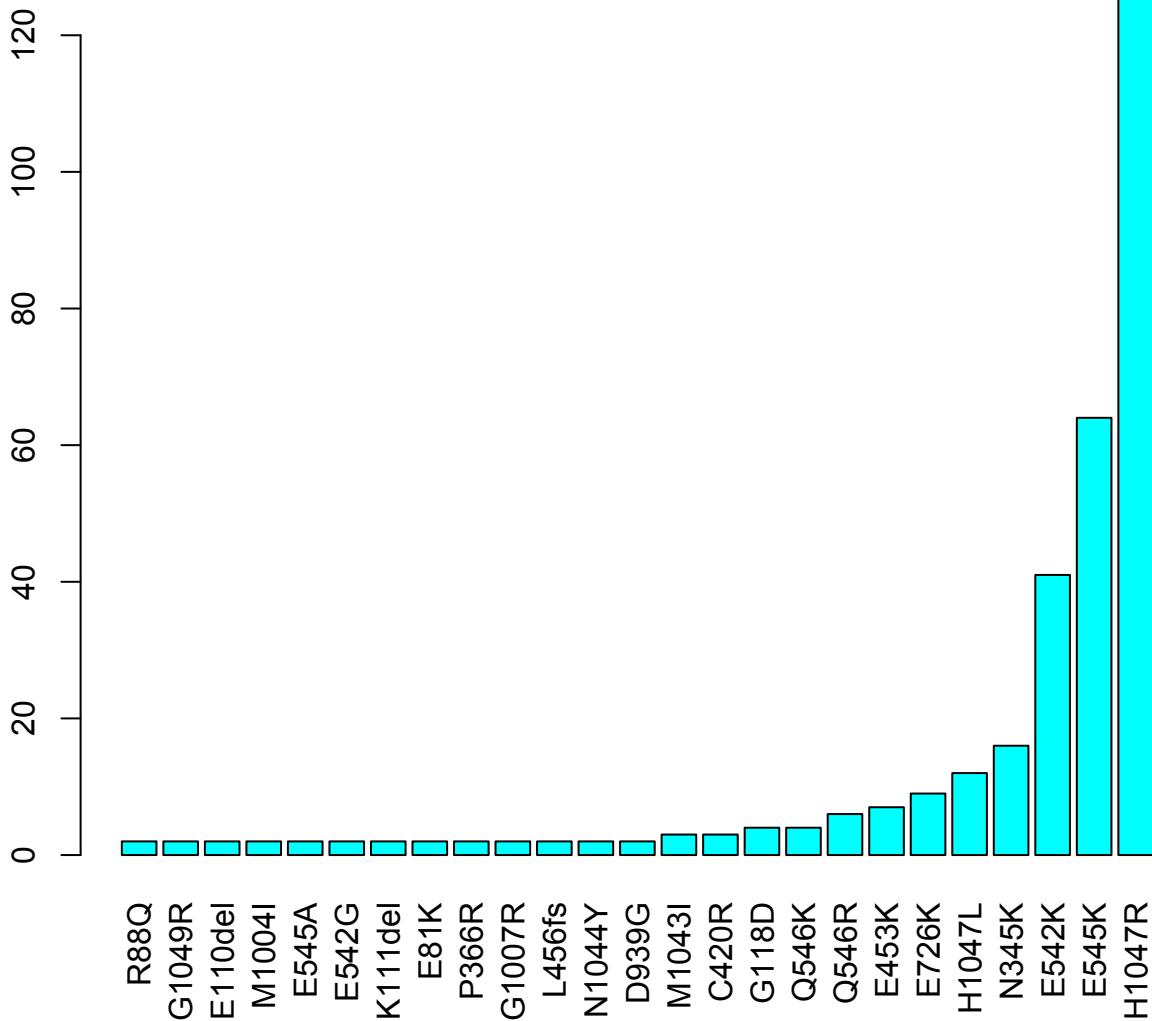
NbrSamples=396 Mutant Samples=87 Total Mutations=95(15 not shown)

PIK3CA mutant **positions** in **bladder** urothelial carcinoma (N=396), **top 25**



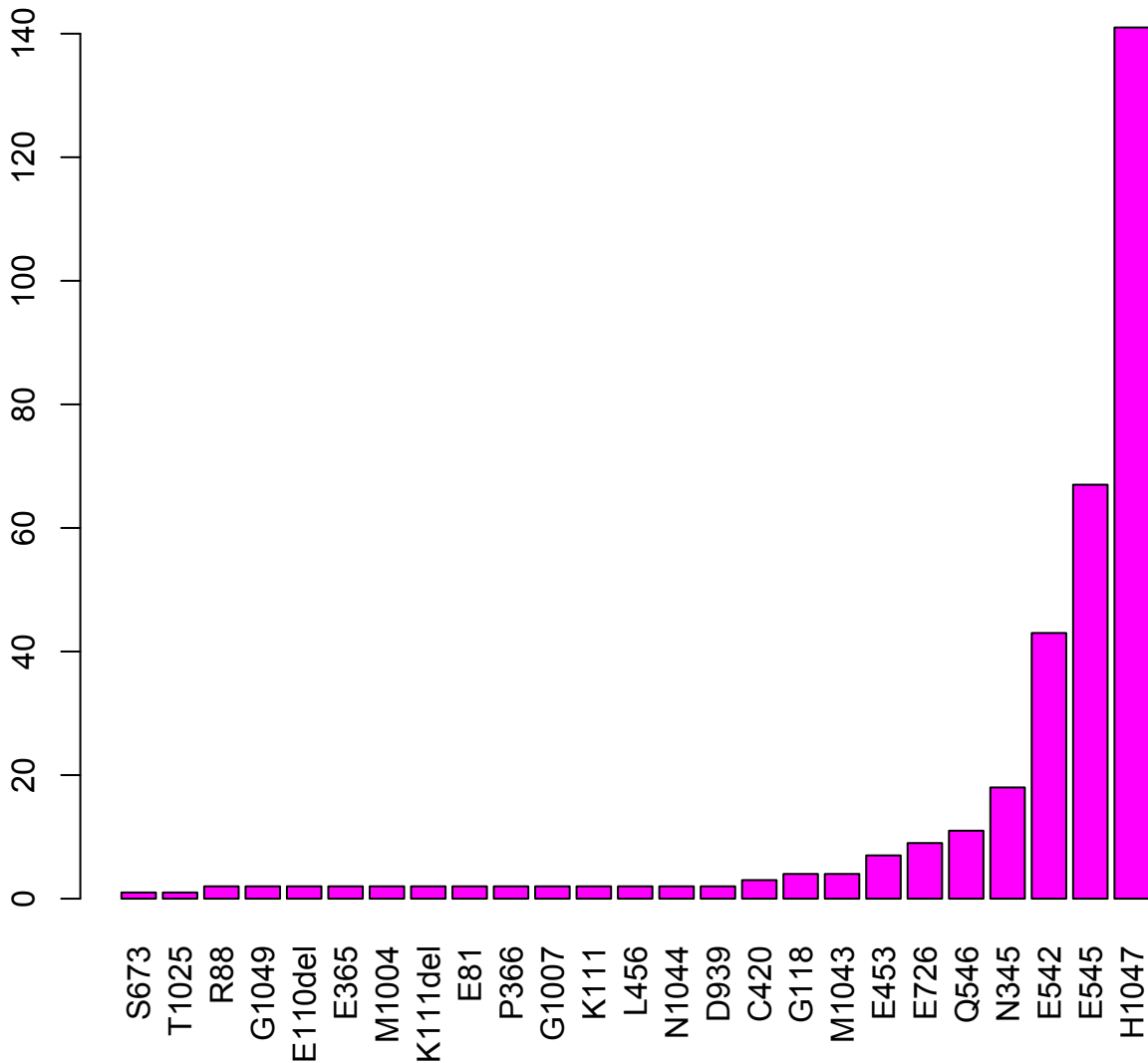
NbrSamples=396 Mutant Samples=87 Total Mutations=95 (8 not shown)

PIK3CA mutant **alleles** in **breast** invasive carcinoma (N=988), **top 25**



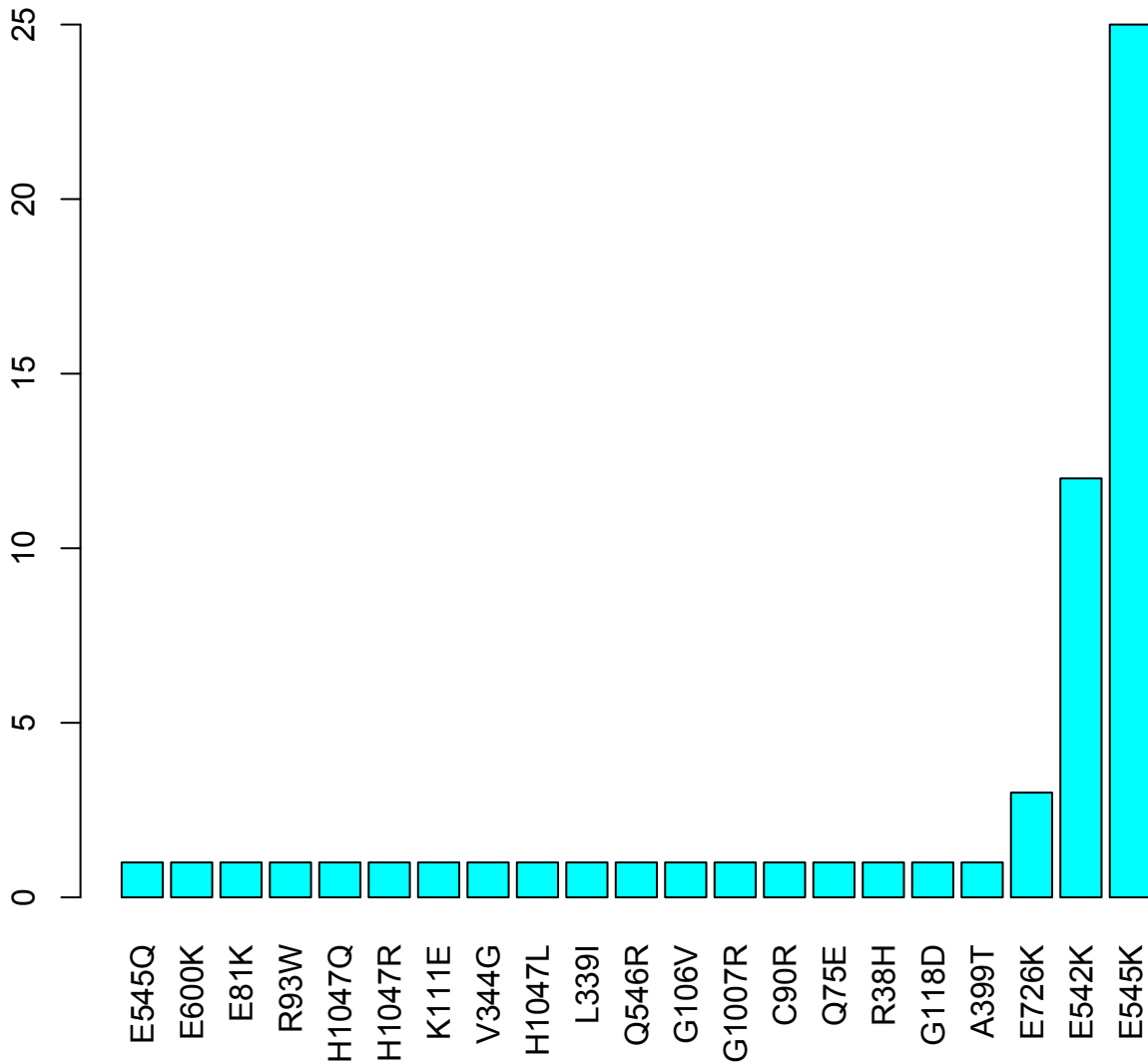
NbrSamples=988 Mutant Samples=320 Total Mutations=355(32 not shown)

PIK3CA mutant **positions** in **breast** invasive carcinoma (N=988), **top 25**



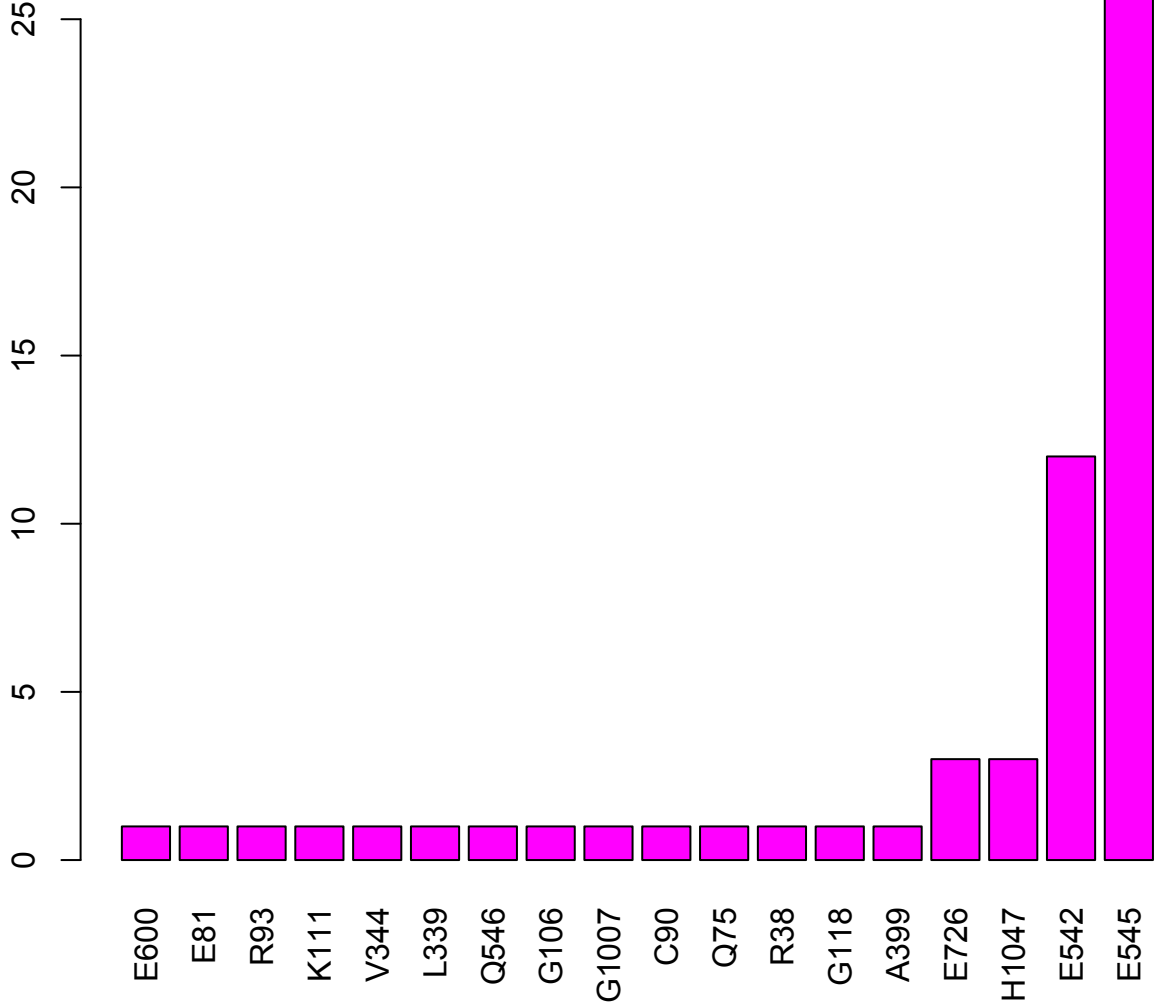
NbrSamples=988 Mutant Samples=320 Total Mutations=355 (20 not shown)

PIK3CA mutant **alleles** in **cervical** squamous cell carcinoma and endocervical adenocarcinoma (N=194)



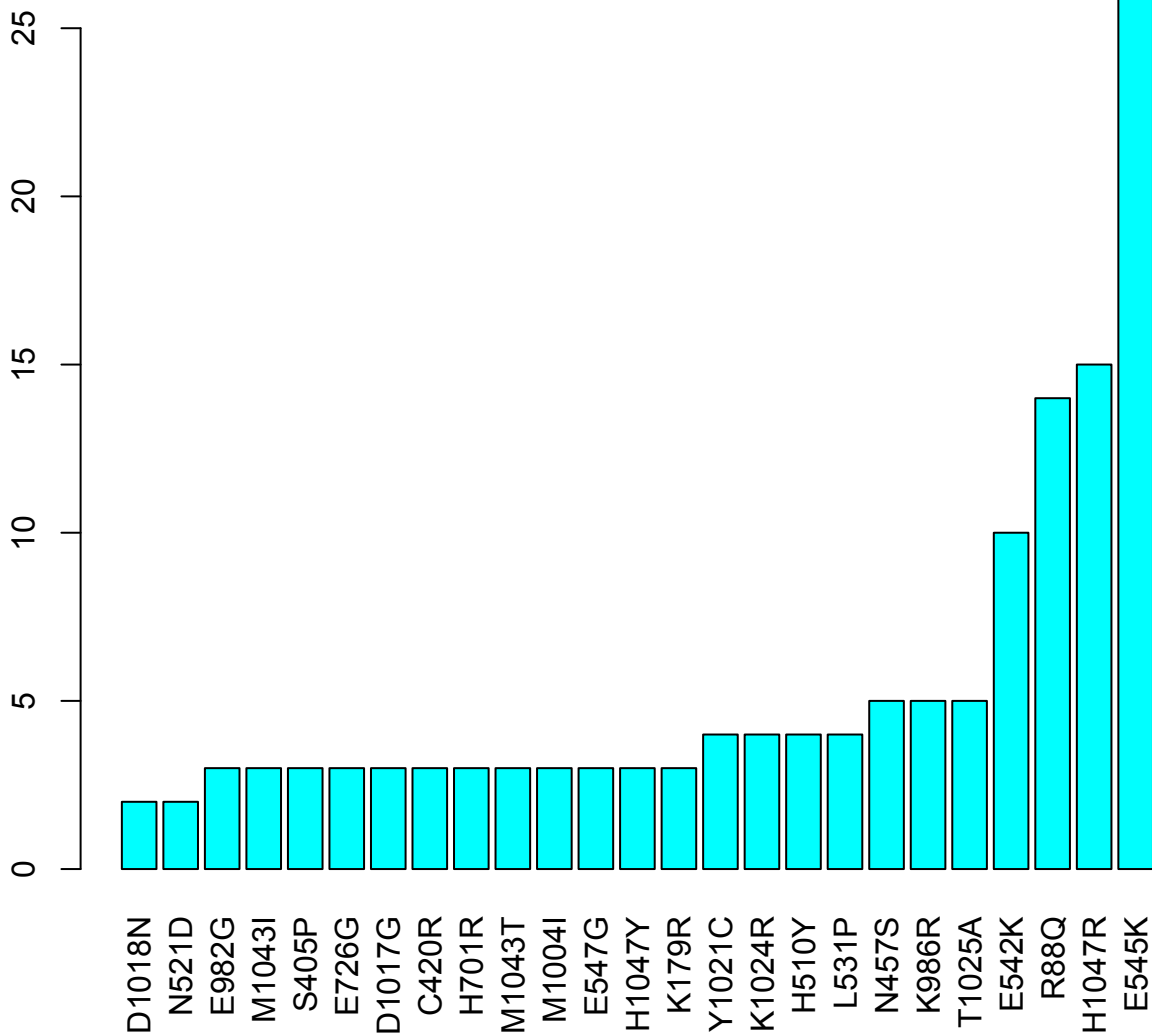
NbrSamples=194 Mutant Samples=53 Total Mutations=58

PIK3CA mutant **positions** in **cervical** squamous cell carcinoma and endocervical adenocarcinoma (N=194)



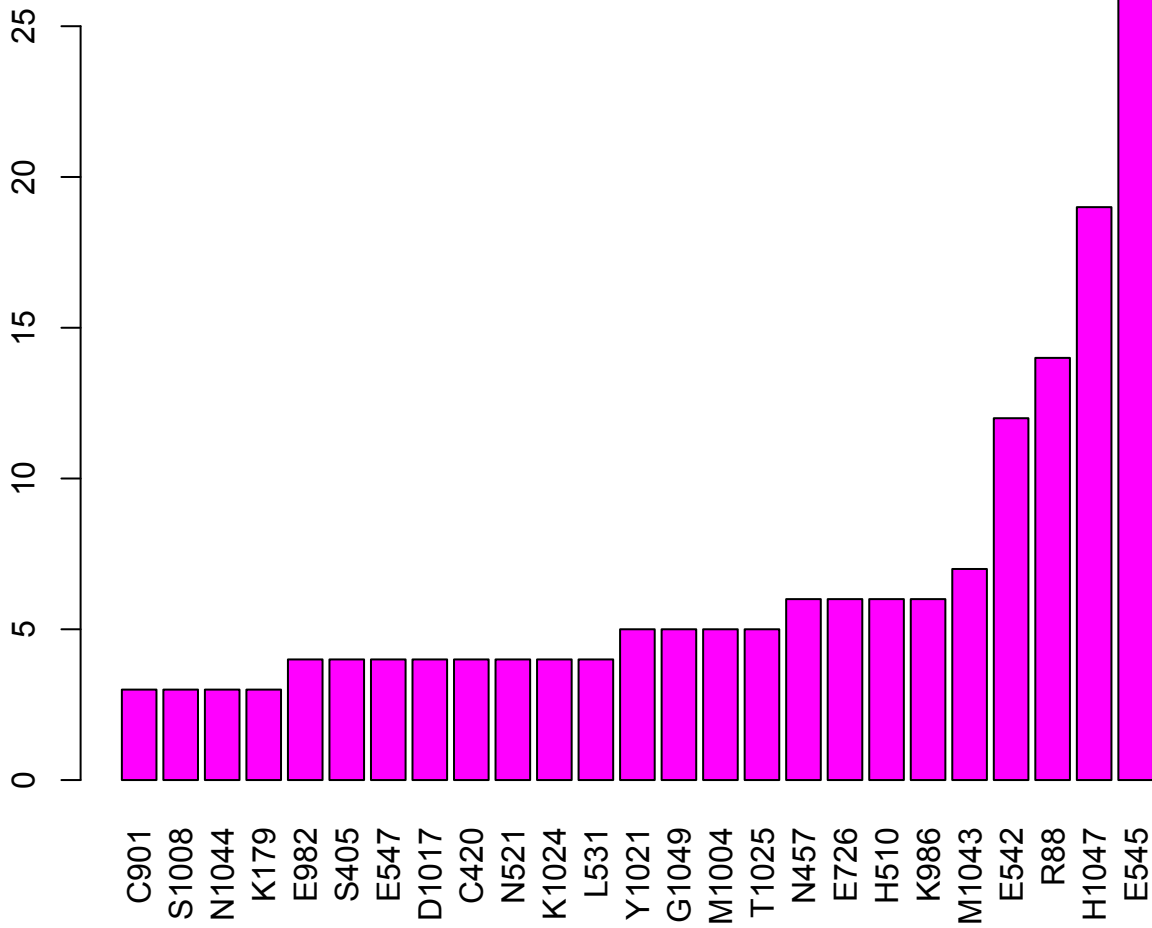
NbrSamples=194 Mutant Samples=53 Total Mutations=58

PIK3CA mutant **alleles** in **colon** adenocarcinoma (N=367), **top 25**



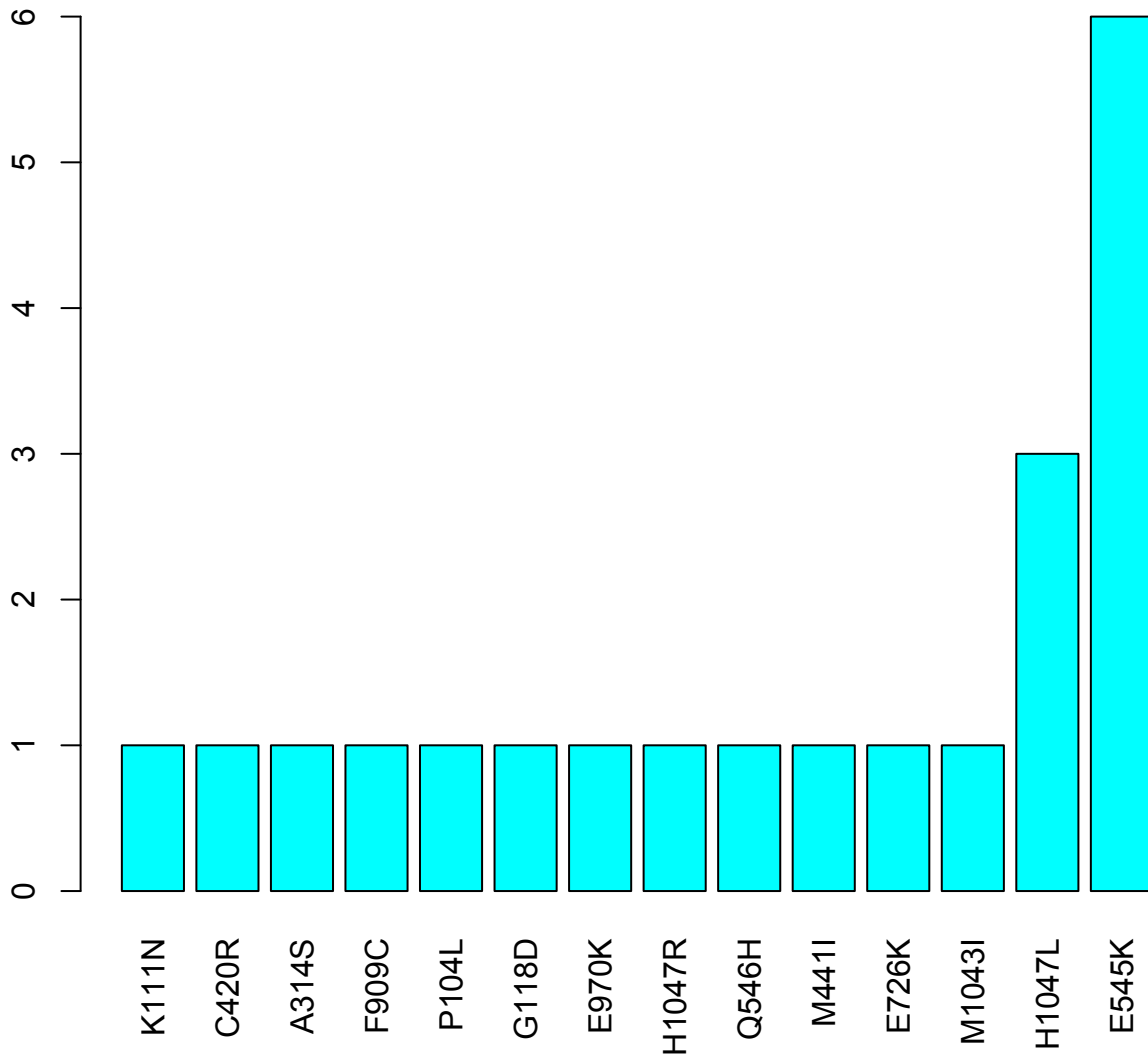
NbrSamples=367 Mutant Samples=175 Total Mutations=288(152 not shown)

PIK3CA mutant **positions** in colon adenocarcinoma (N=367), **top 25**



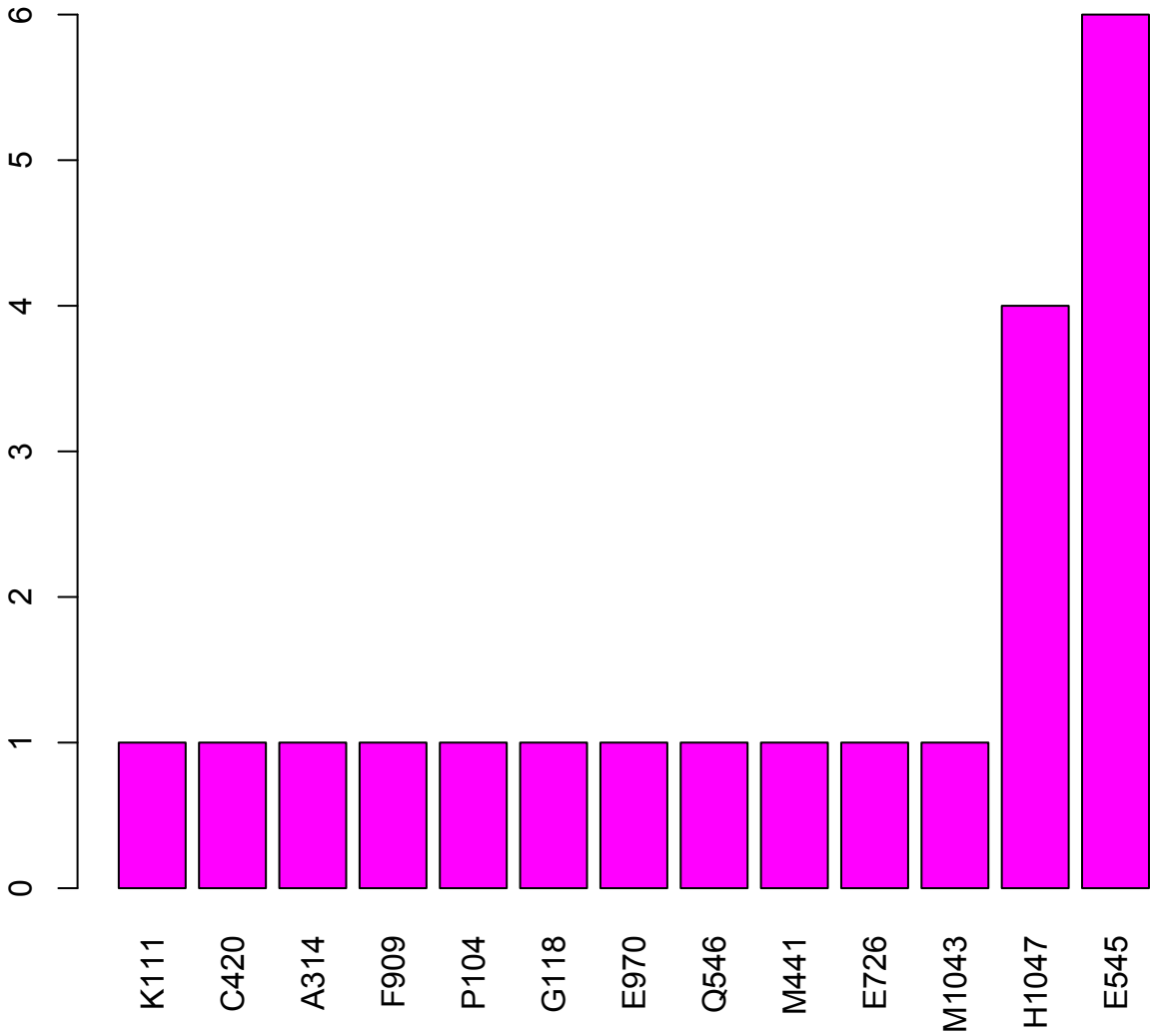
NbrSamples=367 Mutant Samples=175 Total Mutations=288 (119 not shown)

PIK3CA mutant **alleles** in **esophageal** carcinoma (N=185)



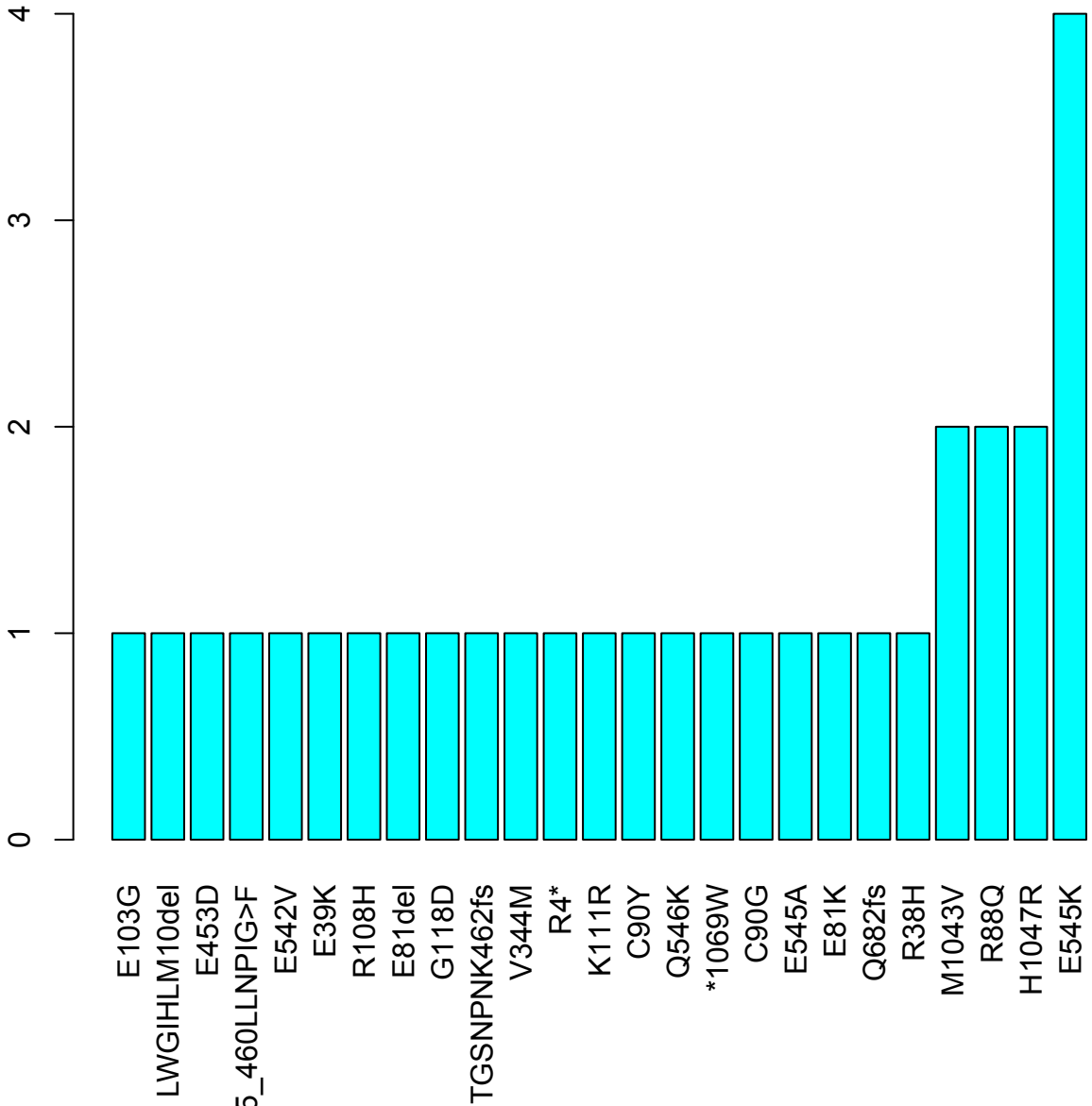
NbrSamples=185 Mutant Samples=19 Total Mutations=21

PIK3CA mutant **positions** in **esophageal** carcinoma (N=185)

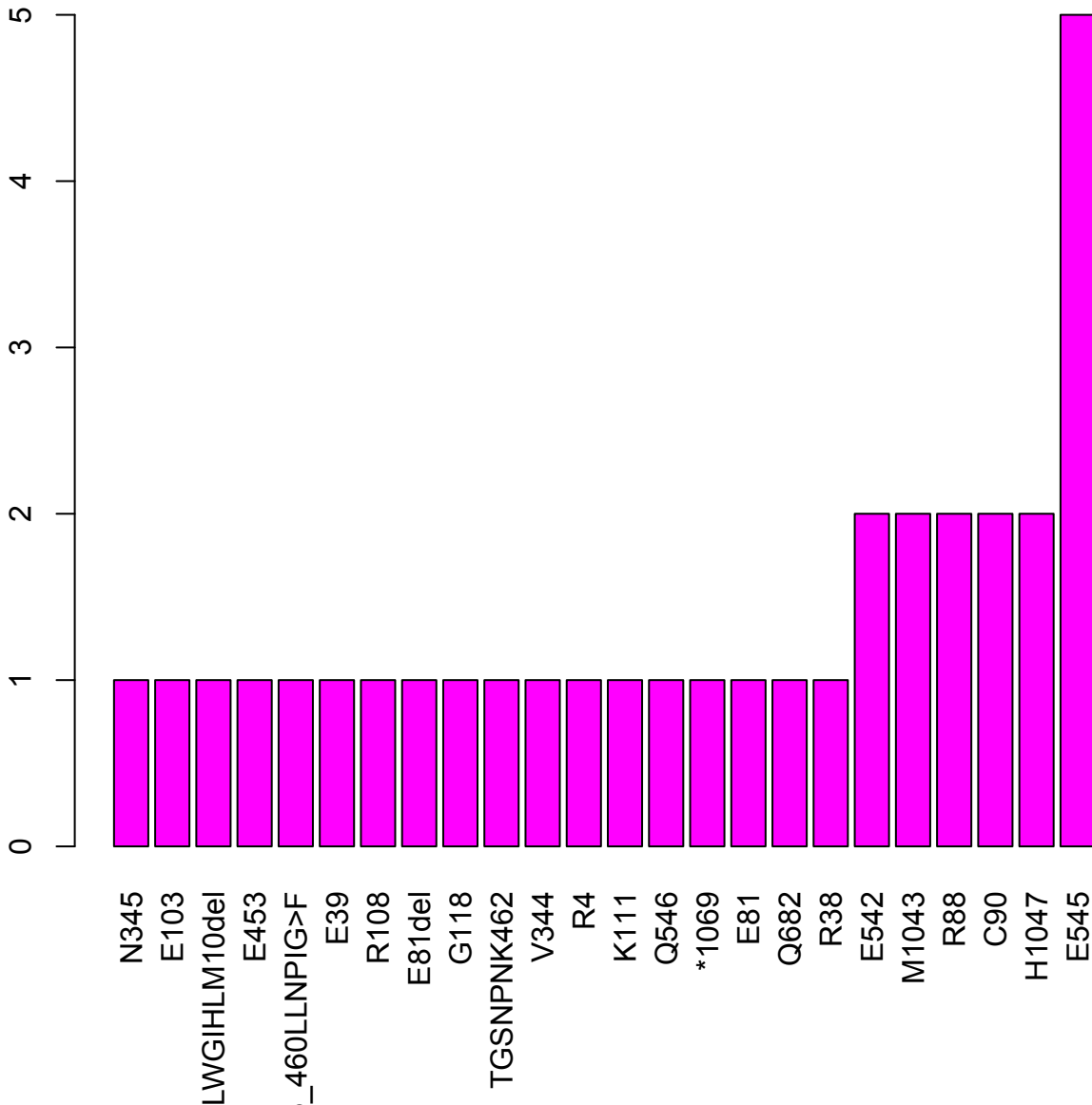


NbrSamples=185 Mutant Samples=19 Total Mutations=21

PIK3CA mutant alleles in glioblastoma multiforme (N=290), top 25

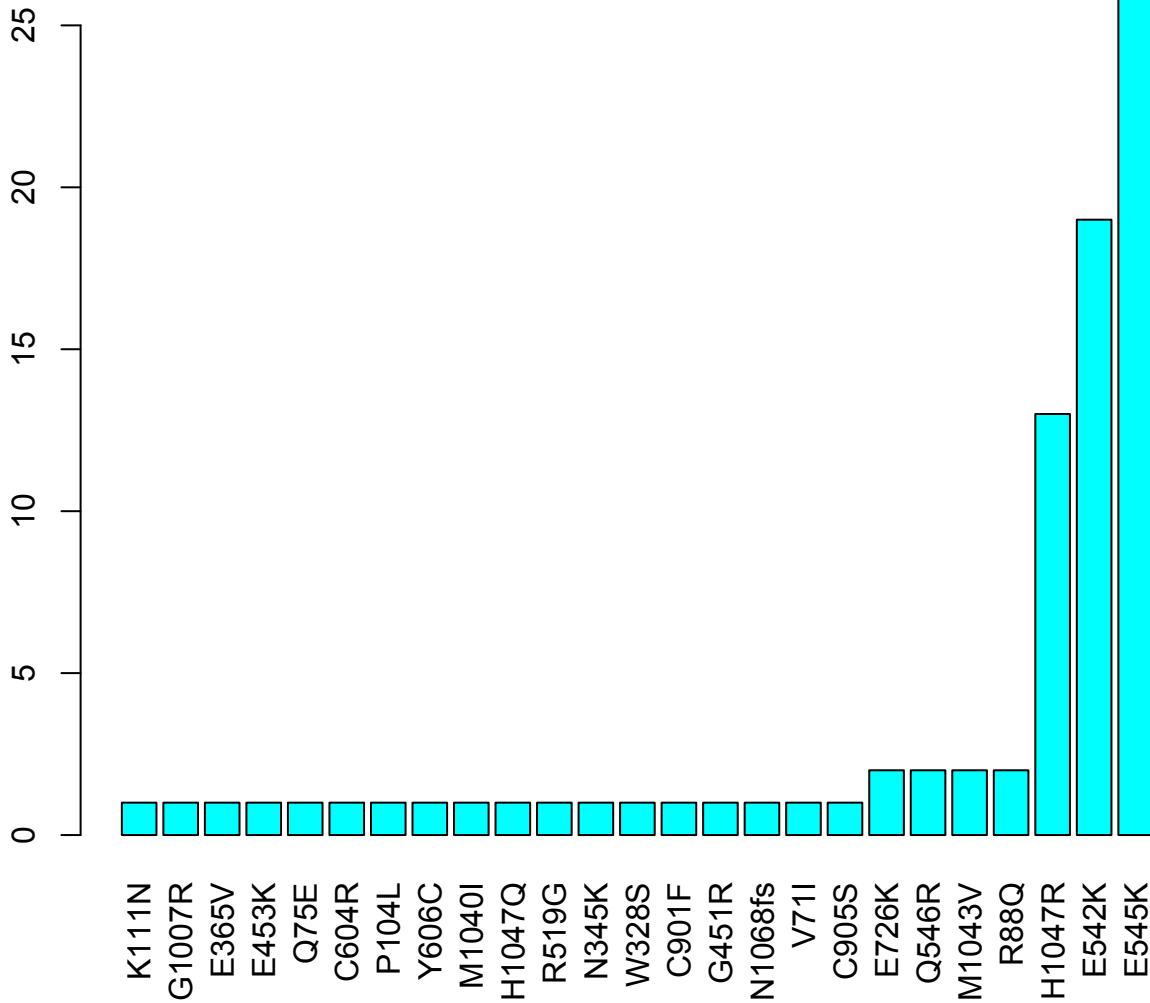


PIK3CA mutant positions in glioblastoma multiforme (N=290)



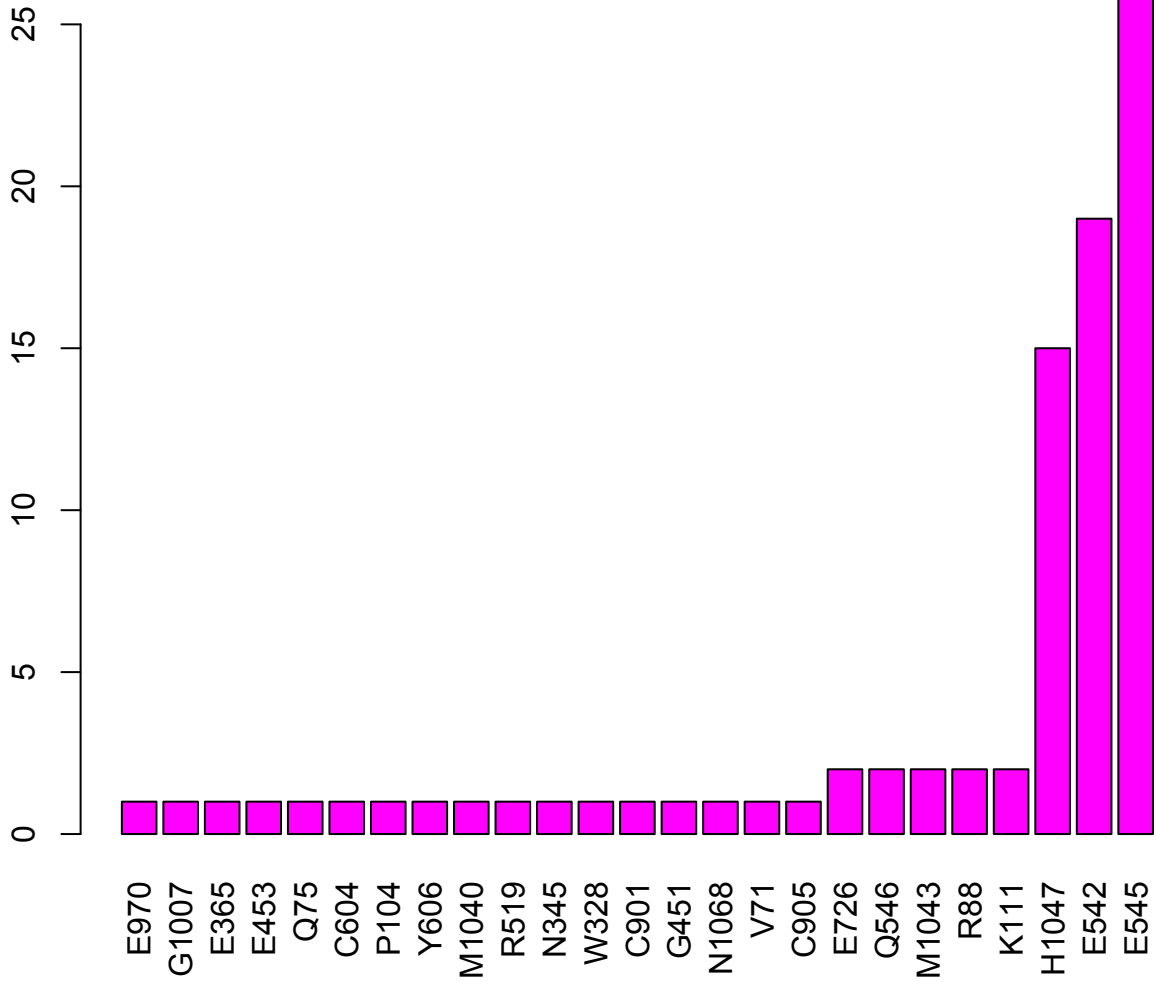
Nbr Samples=290 Mutant Samples=30 Total Mutations=33

PIK3CA mutant **alleles** in **head and neck** squamous cell carcinoma (N=513), **top 25**



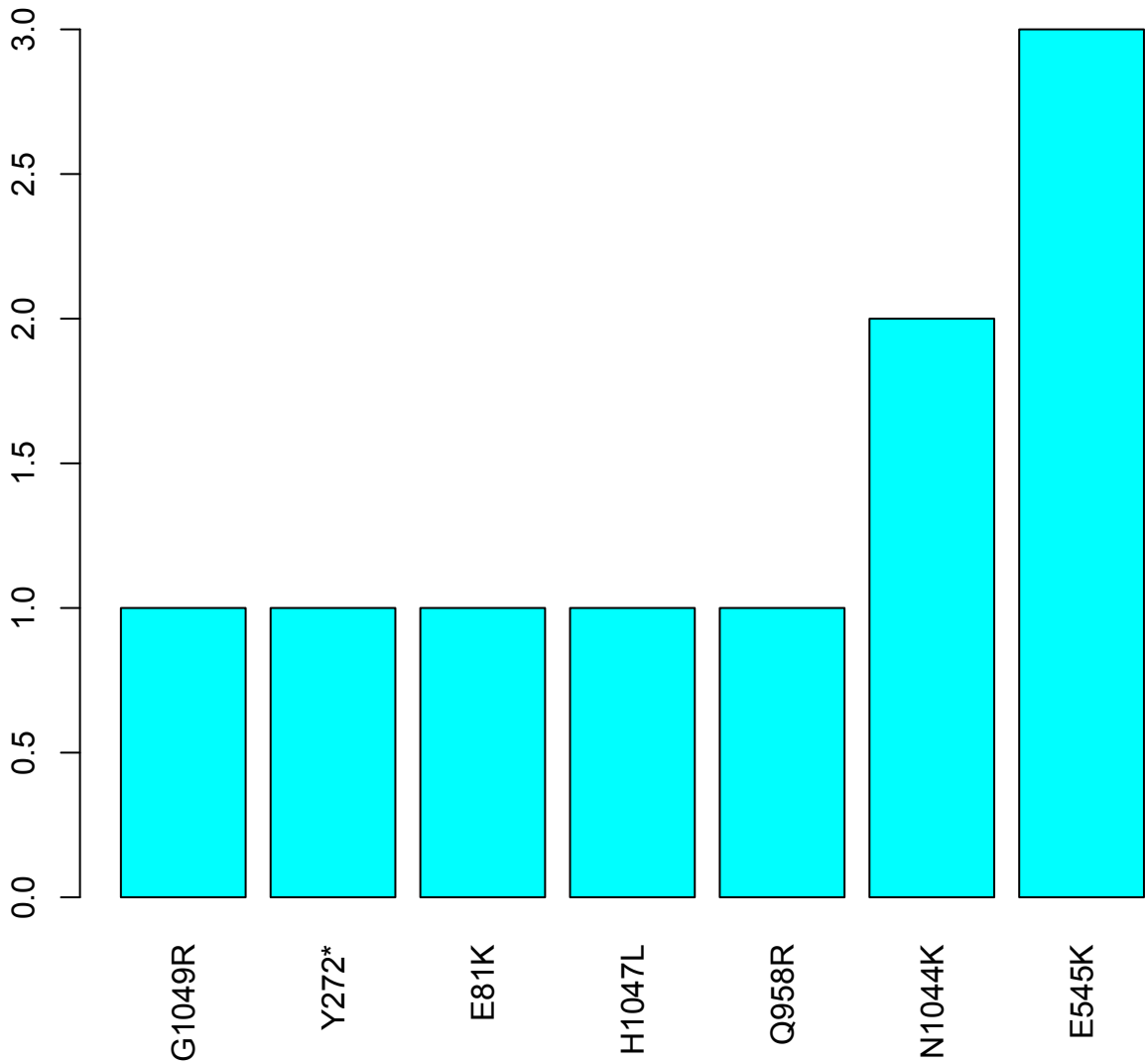
NbrSamples=513 Mutant Samples=94 Total Mutations=97(12 not shown)

PIK3CA mutant **positions** in **head and neck** squamous cell carcinoma (N=513), **top 25**



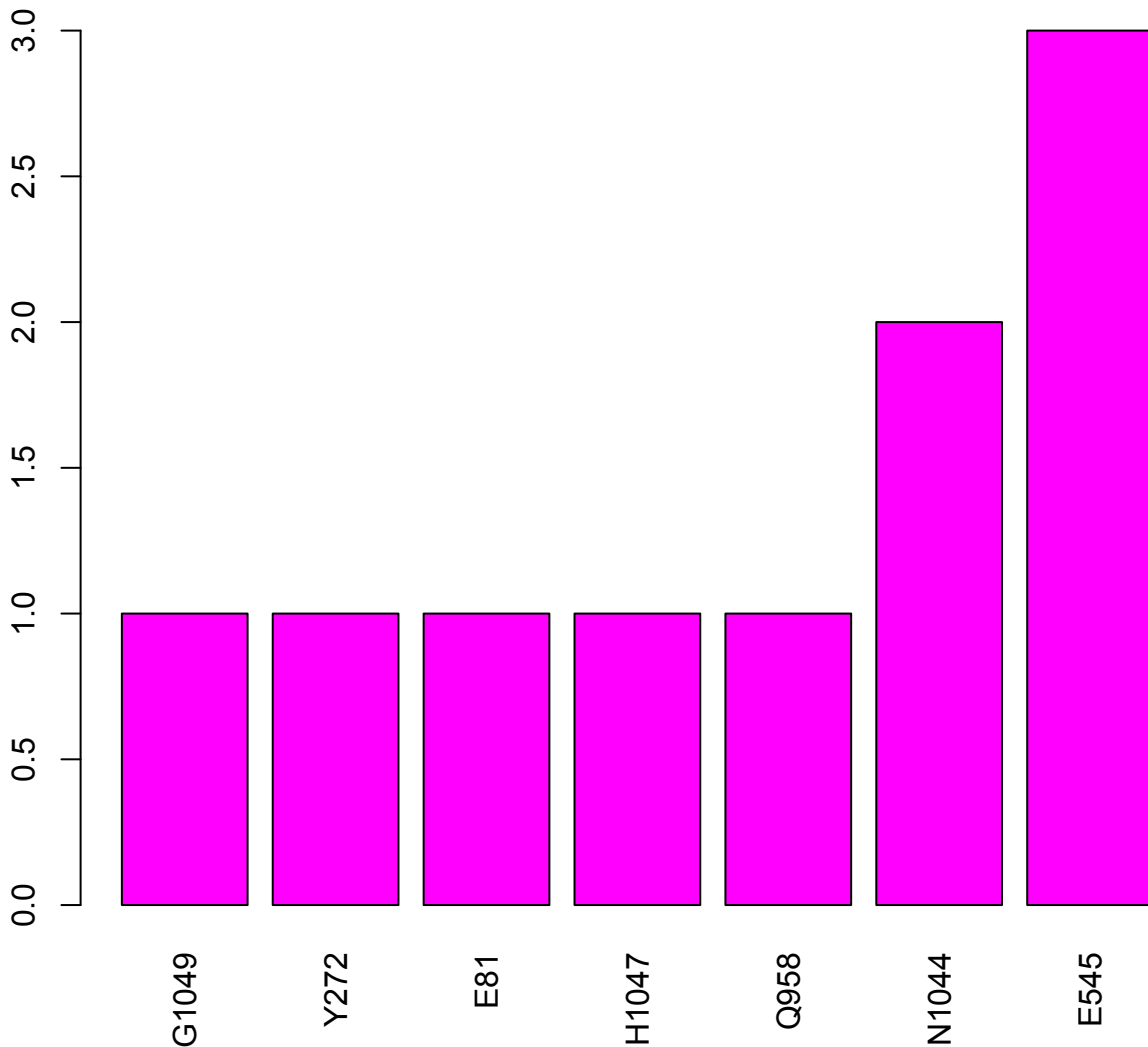
NbrSamples=513 Mutant Samples=94 Total Mutations=97 (9 not shown)

PIK3CA mutant **alleles** in kidney renal **clear cell** carcinoma (N=451)



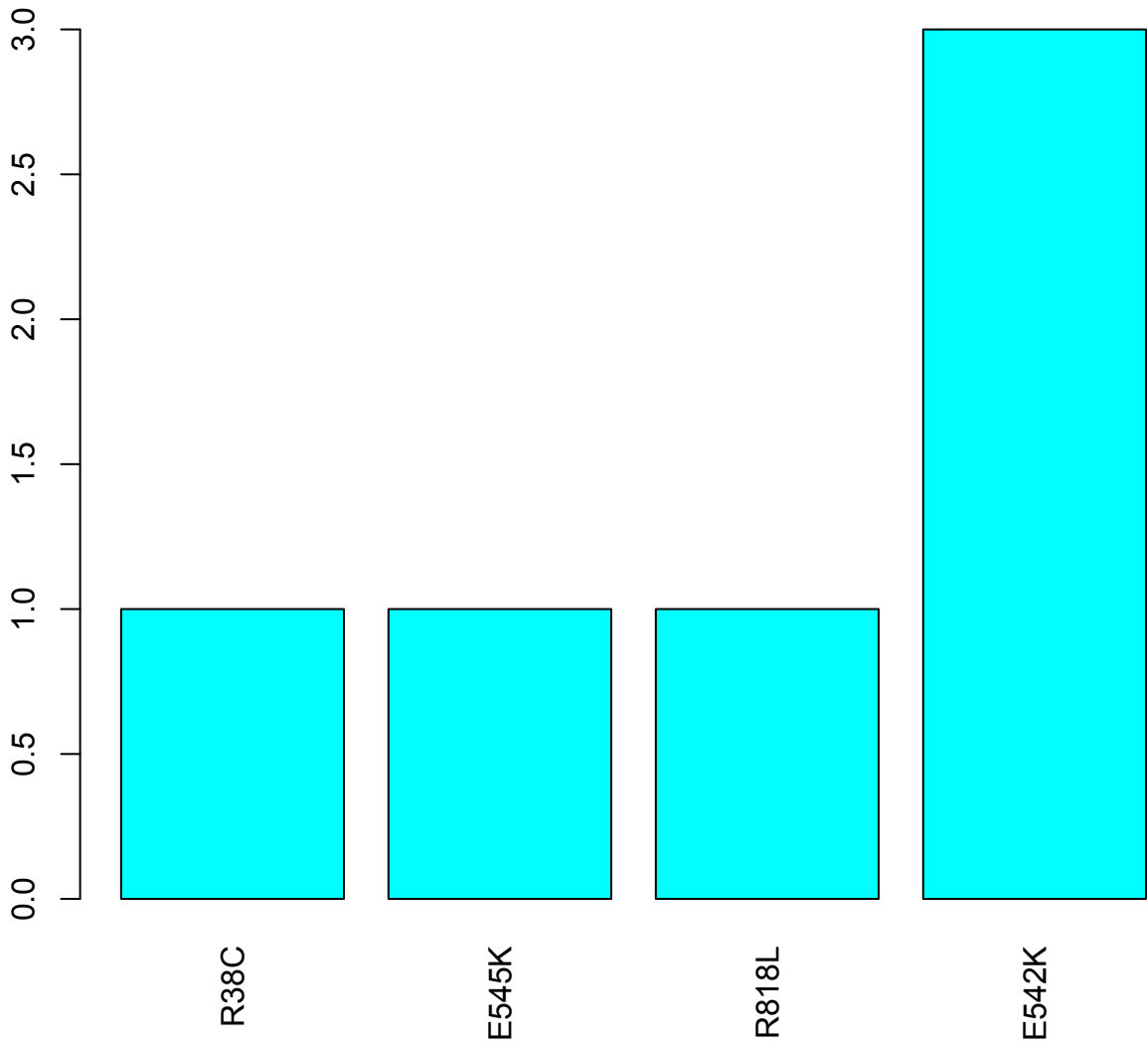
NbrSamples=451 Mutant Samples=10 Total Mutations=10

PIK3CA mutant **positions** in kidney renal **clear cell** carcinoma (N=451)



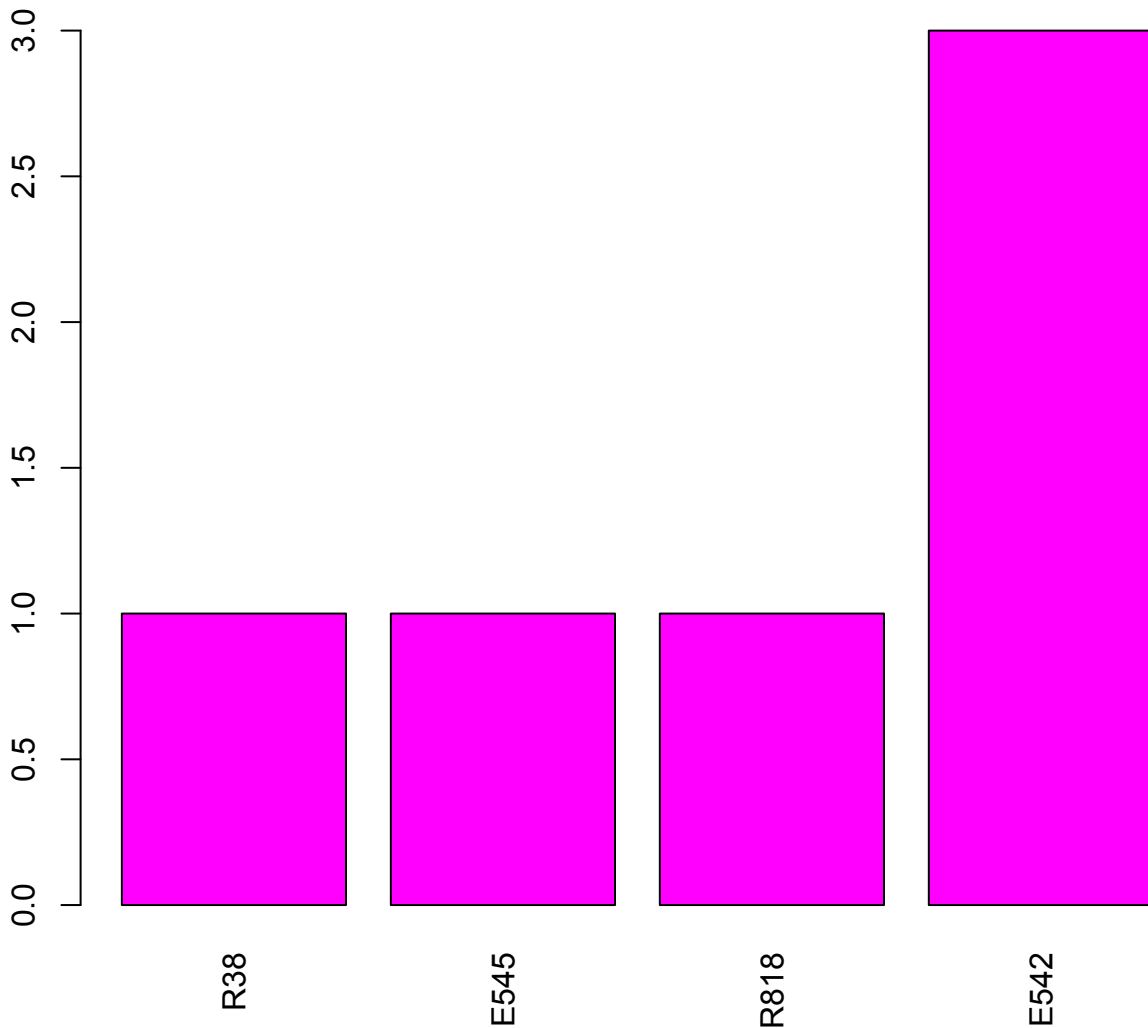
NbrSamples=451 Mutant Samples=10 Total Mutations=10

PIK3CA mutant **alleles** in kidney renal **papillary** cell carcinoma (N=282)



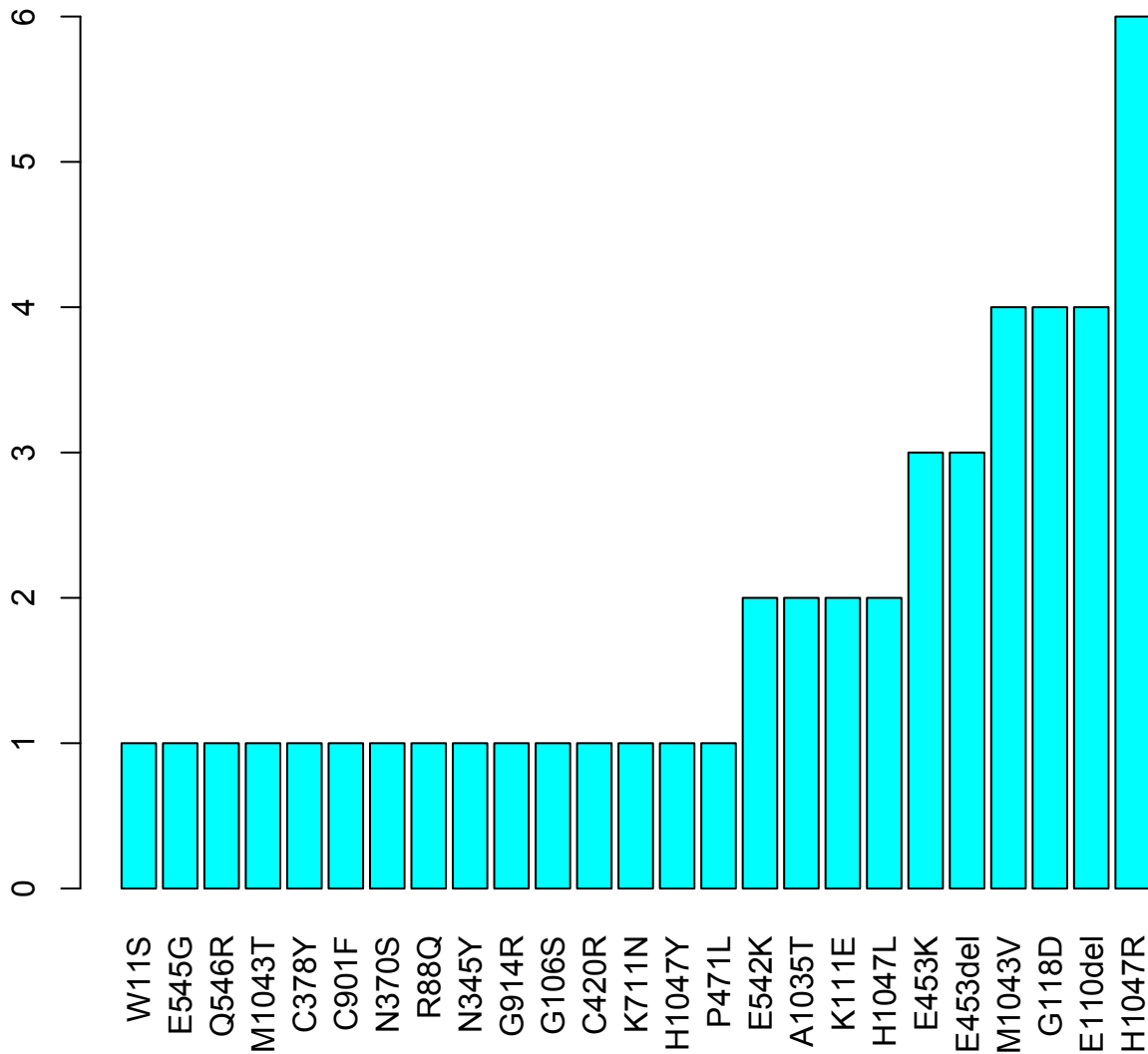
NbrSamples=282 Mutant Samples=5 Total Mutations=6

PIK3CA mutant **positions** in kidney renal **papillary** cell carcinoma (N=282)



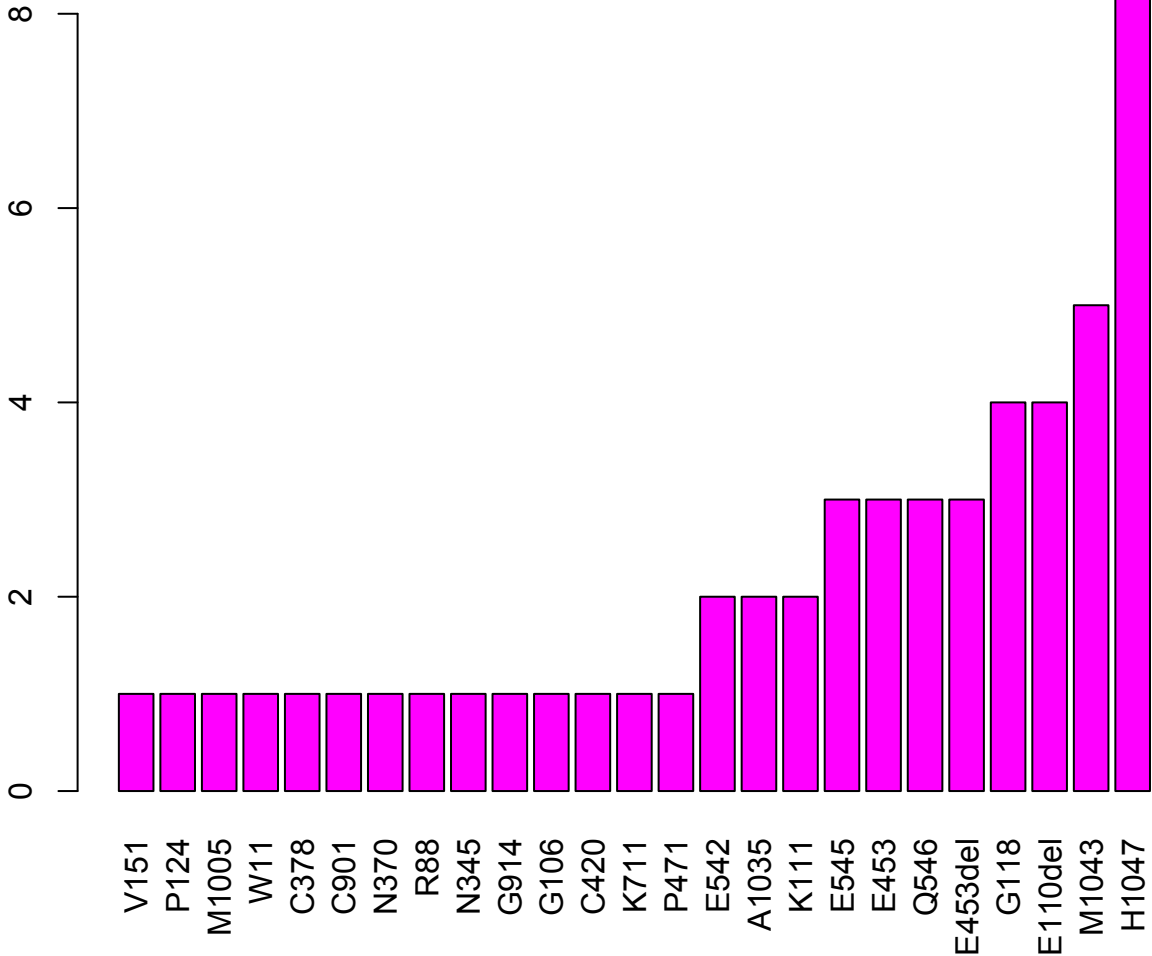
NbrSamples=282 Mutant Samples=5 Total Mutations=6

PIK3CA mutant **alleles** in brain lower grade **glioma** (N=533), **top 25**



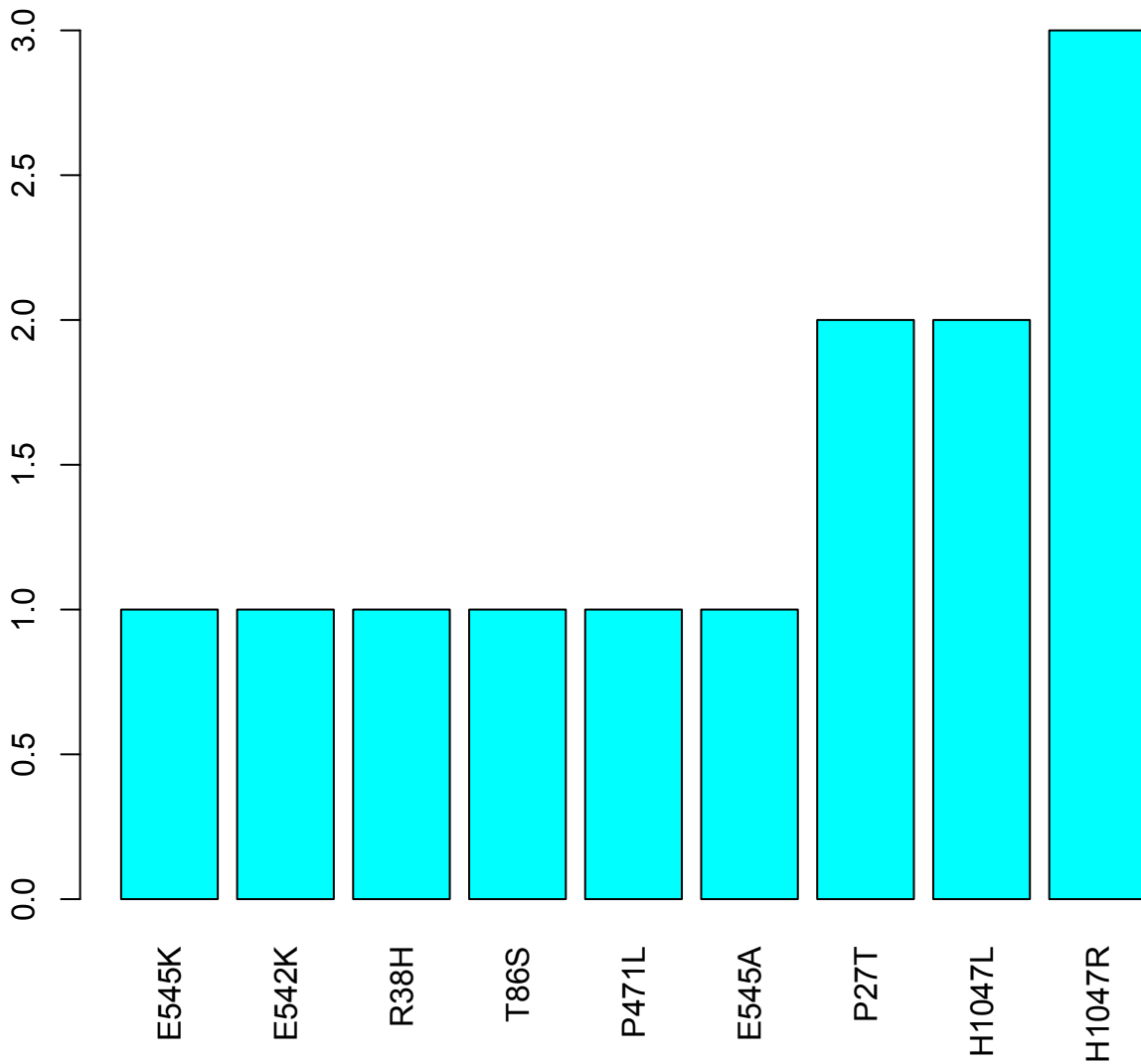
NbrSamples=533 Mutant Samples=49 Total Mutations=54(7 not shown)

PIK3CA mutant **positions** in brain lower grade glioma (N=533)



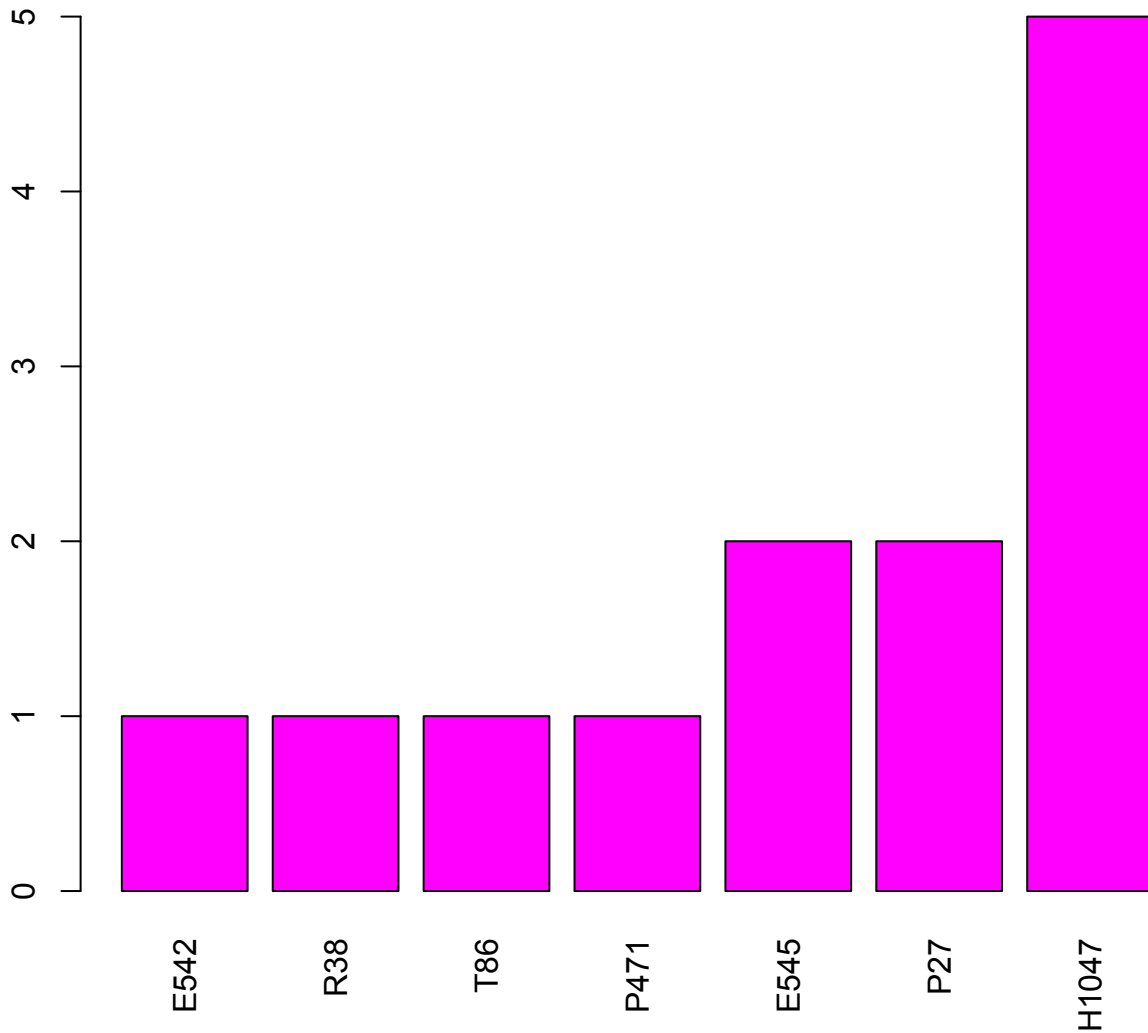
NbrSamples=533 Mutant Samples=49 Total Mutations=54

PIK3CA mutant **alleles** in **liver** hepatocellular carcinoma (N=373)



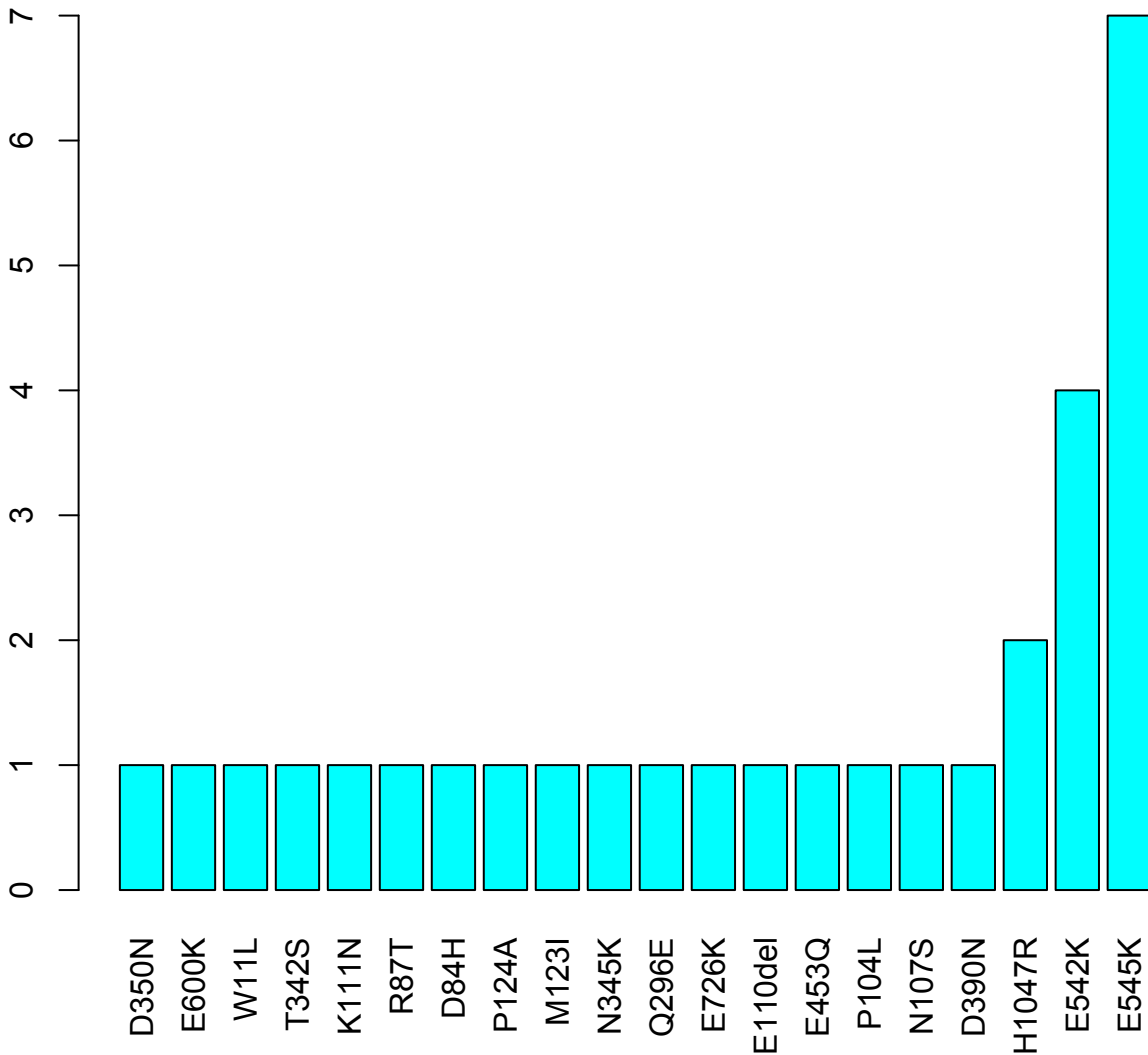
NbrSamples=373 Mutant Samples=13 Total Mutations=13

PIK3CA mutant **positions** in liver hepatocellular carcinoma (N=373)



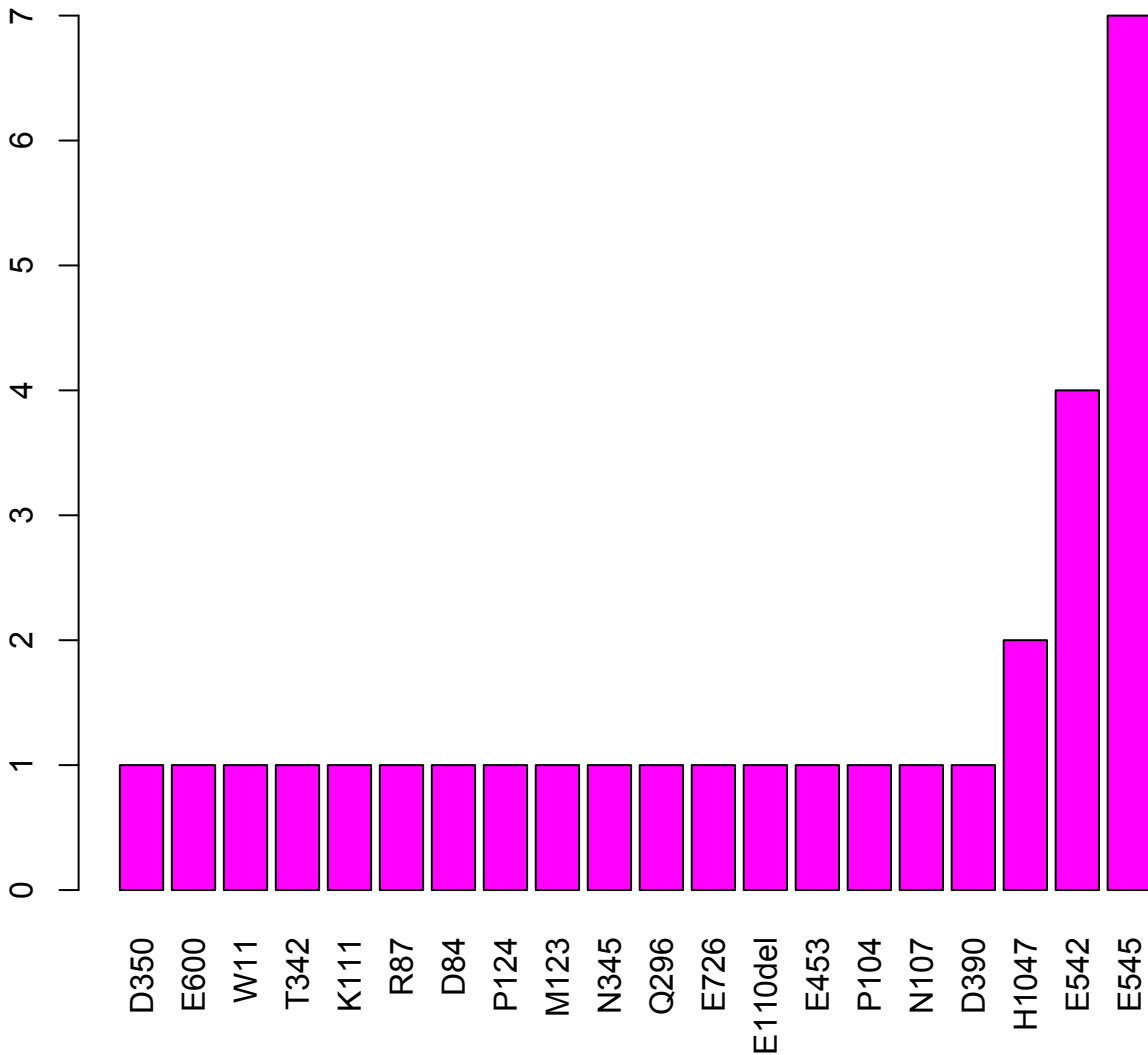
NbrSamples=373 Mutant Samples=13 Total Mutations=13

PIK3CA mutant **alleles** in lung adenocarcinoma (N=546)



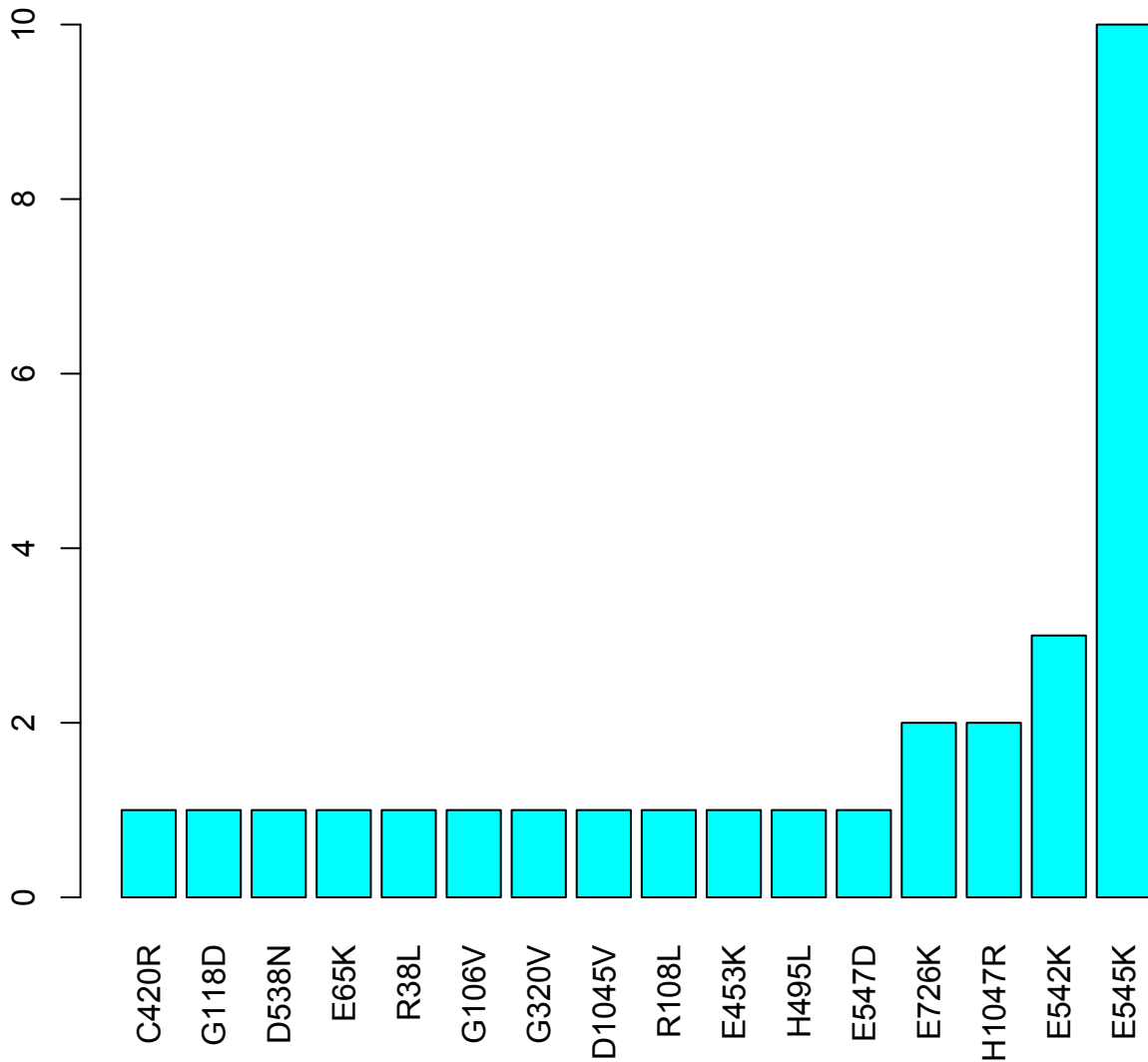
NbrSamples=546 Mutant Samples=29 Total Mutations=30

PIK3CA mutant **positions** in lung adenocarcinoma (N=546)



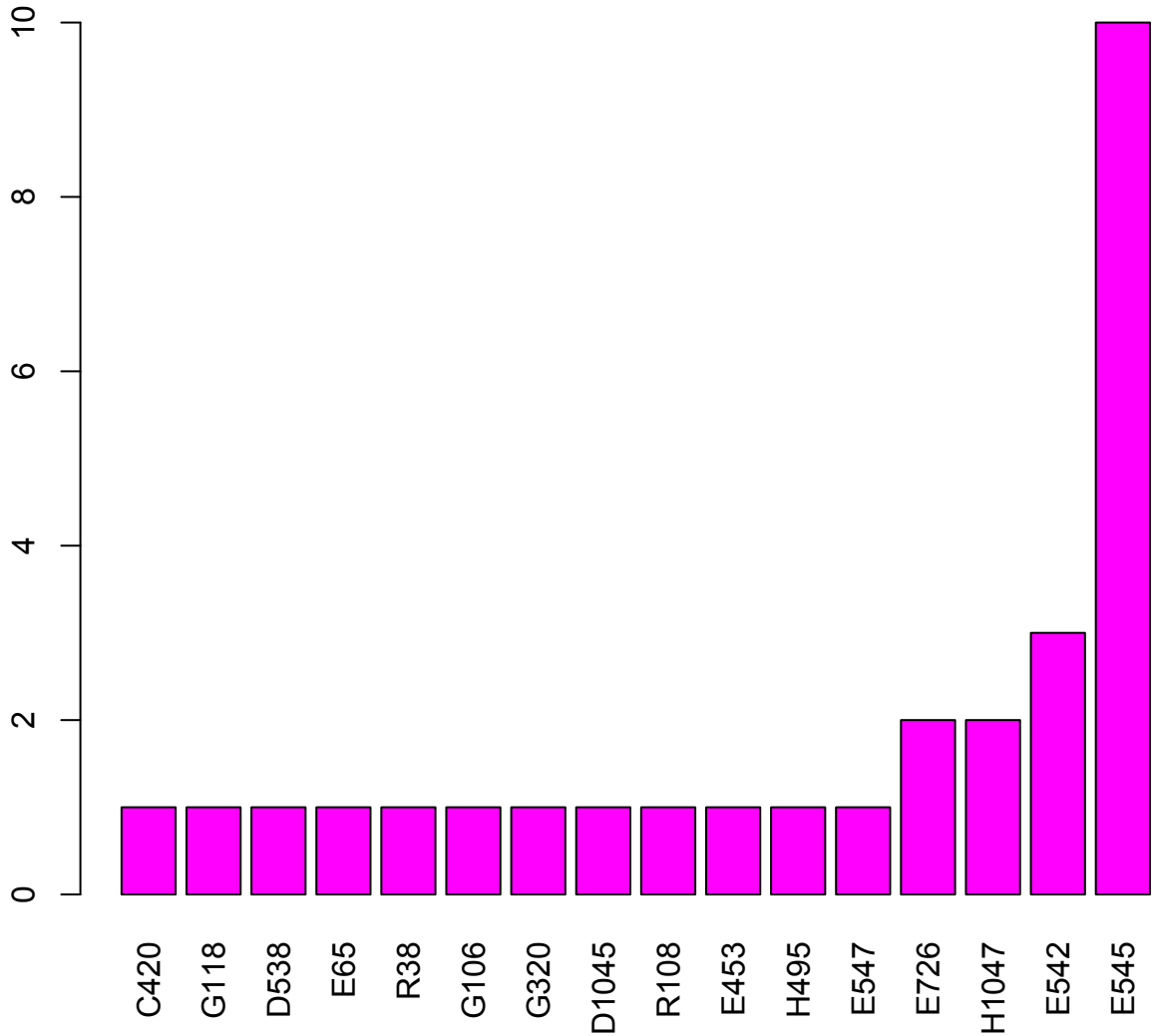
NbrSamples=546 Mutant Samples=29 Total Mutations=30

PIK3CA mutant **alleles** in lung **squamous** cell carcinoma (N=178)



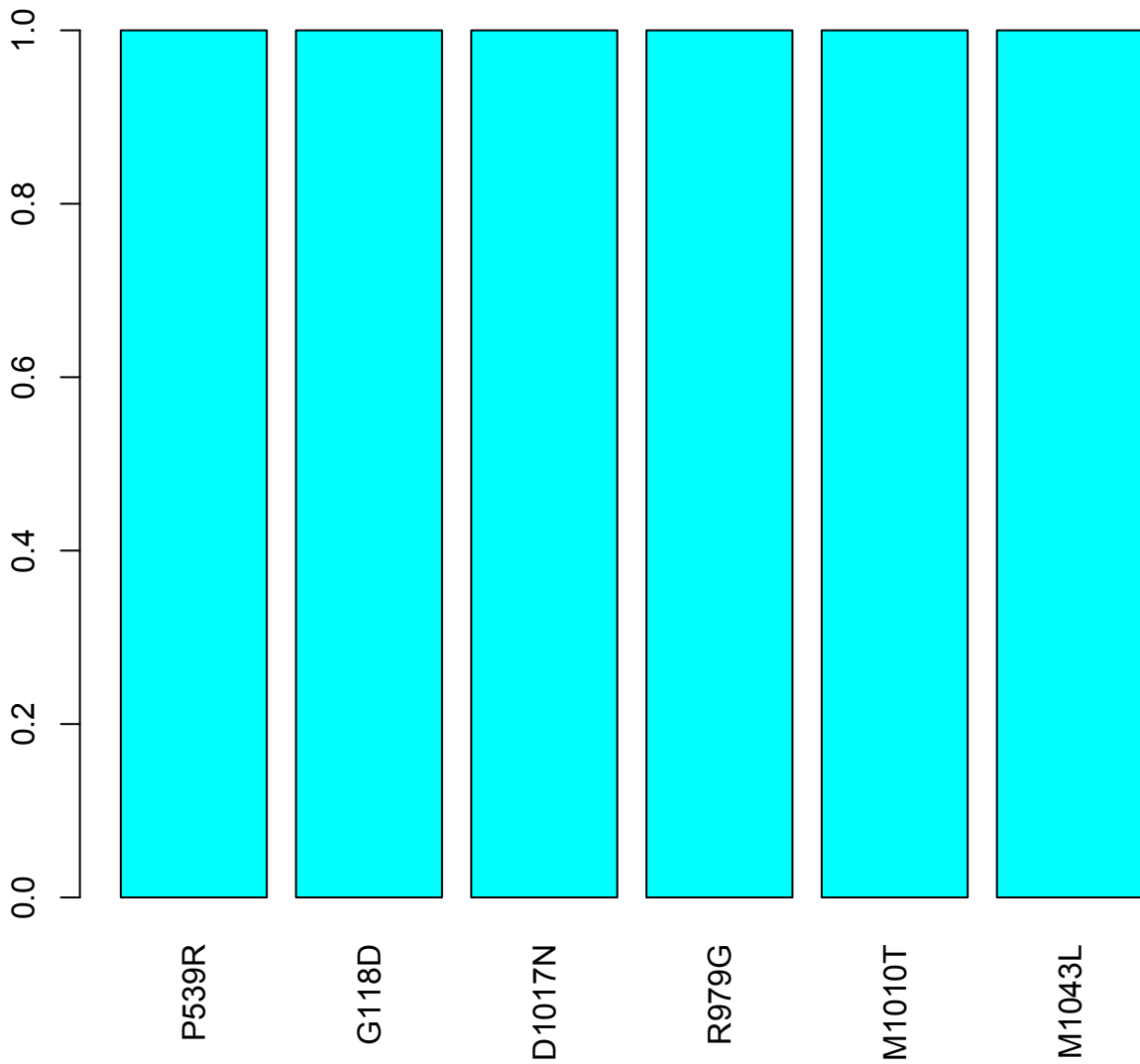
NbrSamples=178 Mutant Samples=27 Total Mutations=29

PIK3CA mutant **positions** in lung **squamous** cell carcinoma (N=178)



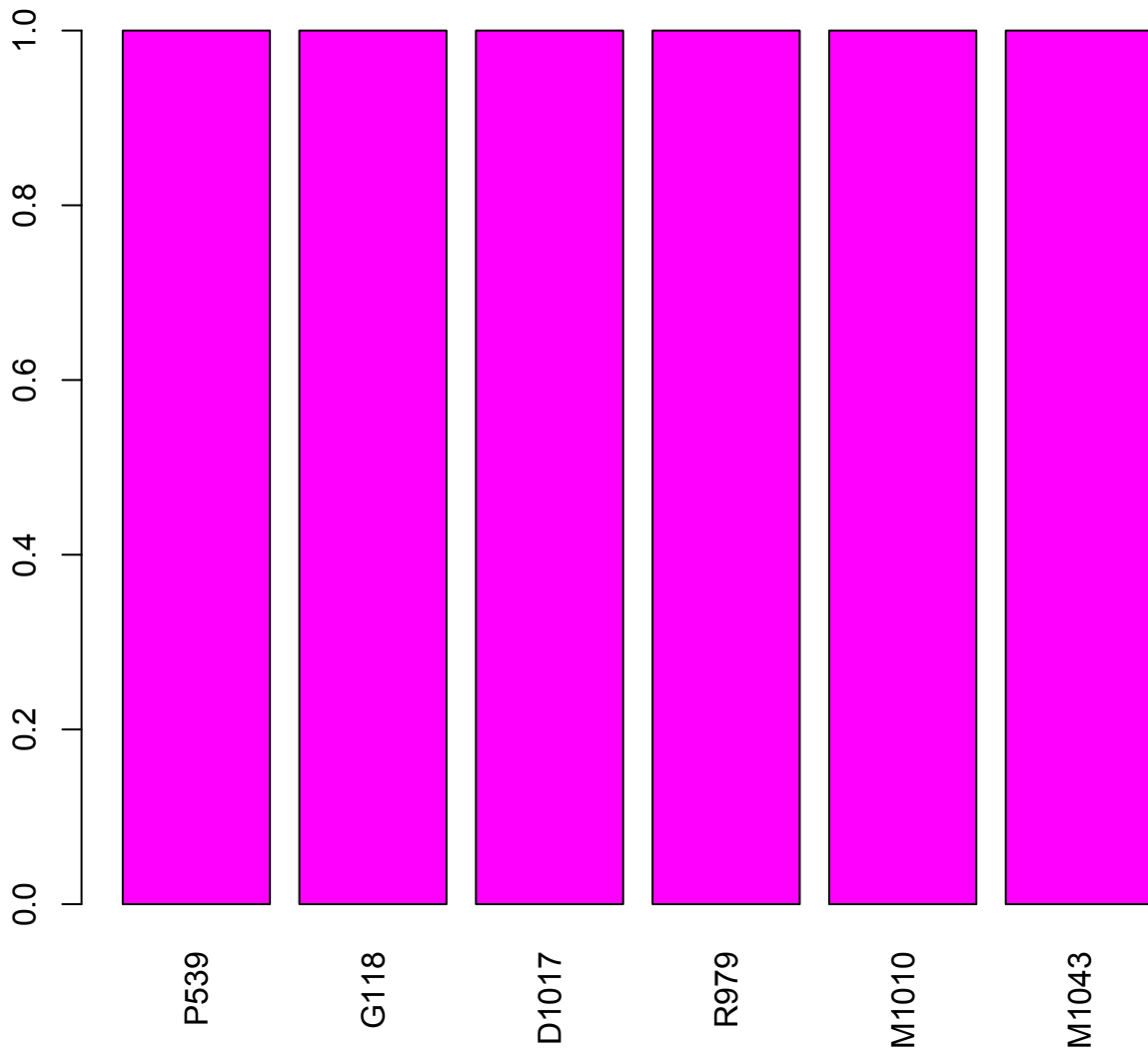
NbrSamples=178 Mutant Samples=27 Total Mutations=29

PIK3CA mutant alleles in **pancreatic** adenocarcinoma (N=185)



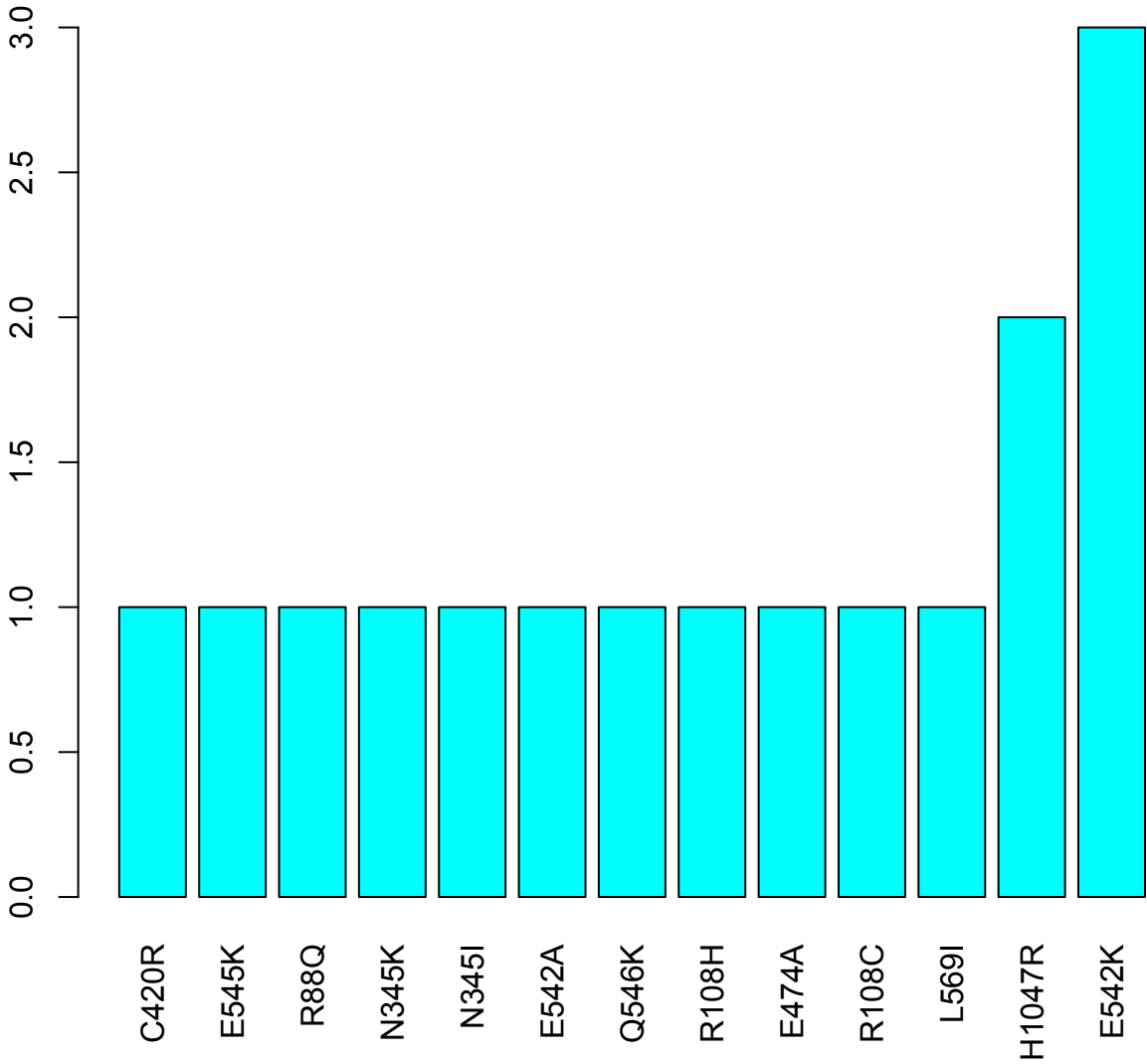
NbrSamples=185 Mutant Samples=6 Total Mutations=6

PIK3CA mutant **positions** in **pancreatic** adenocarcinoma (N=185)



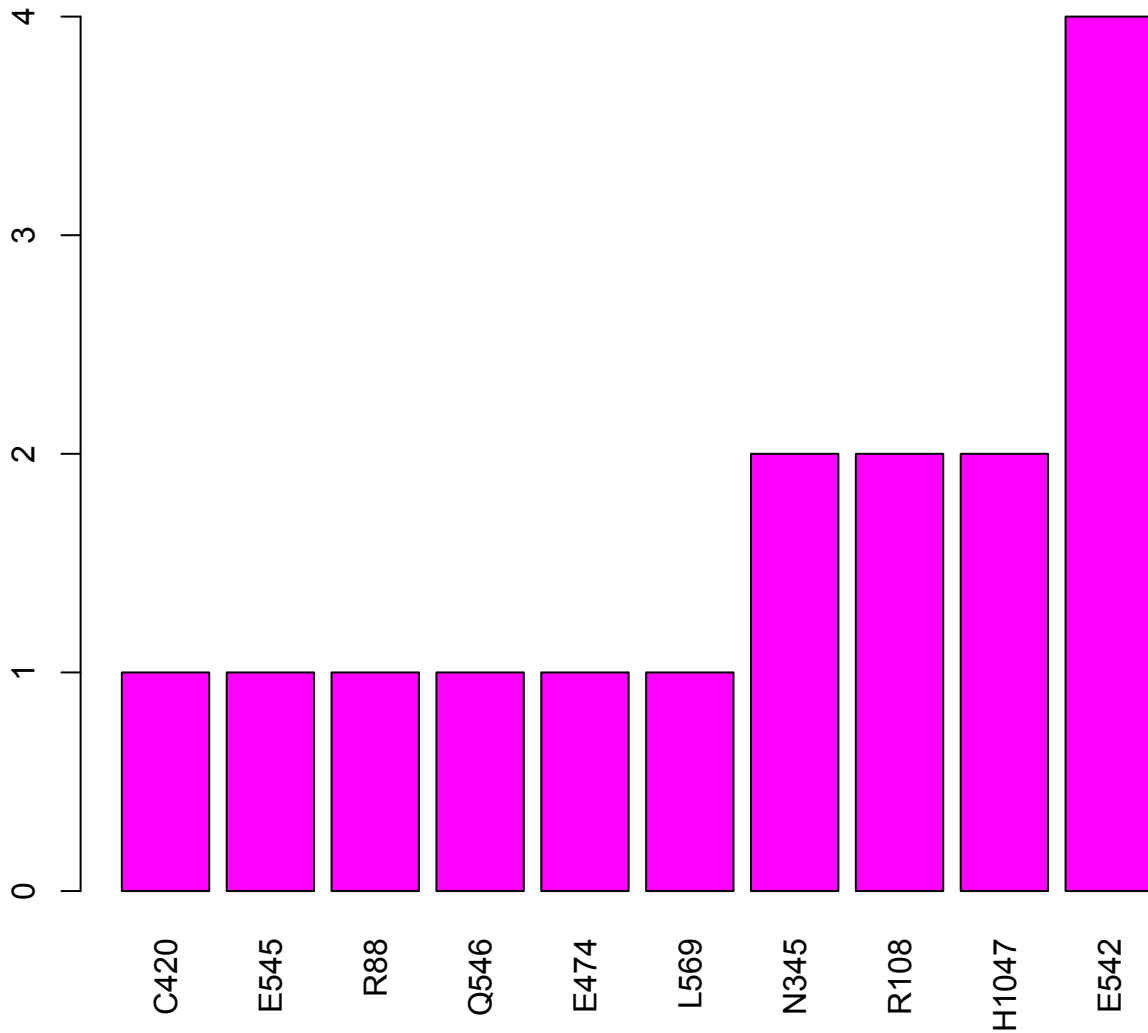
NbrSamples=185 Mutant Samples=6 Total Mutations=6

PIK3CA mutant **alleles** in **prostate** adenocarcinoma (N=499)



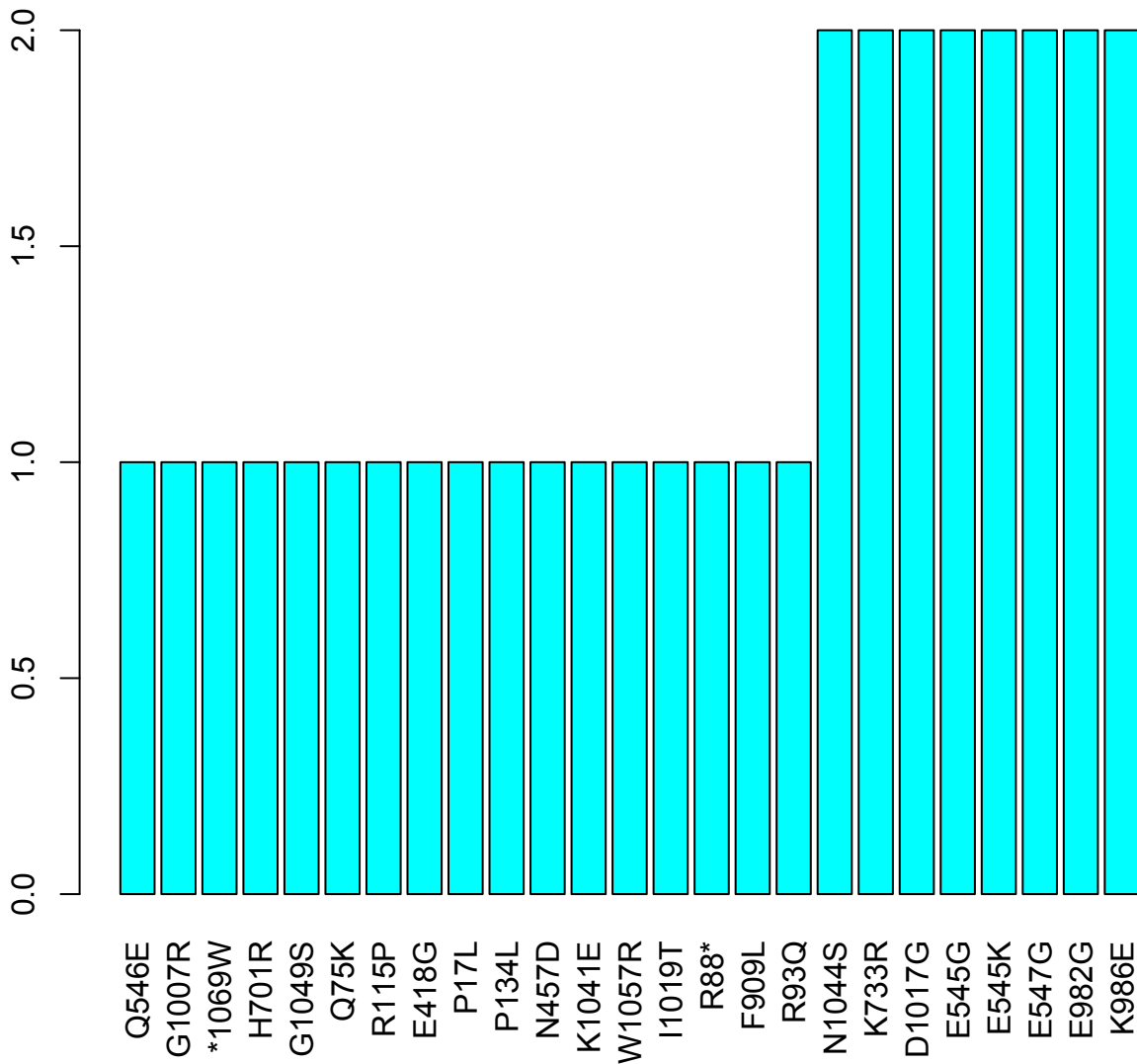
NbrSamples=499 Mutant Samples=14 Total Mutations=16

PIK3CA mutant **positions** in **prostate** adenocarcinoma (N=499)



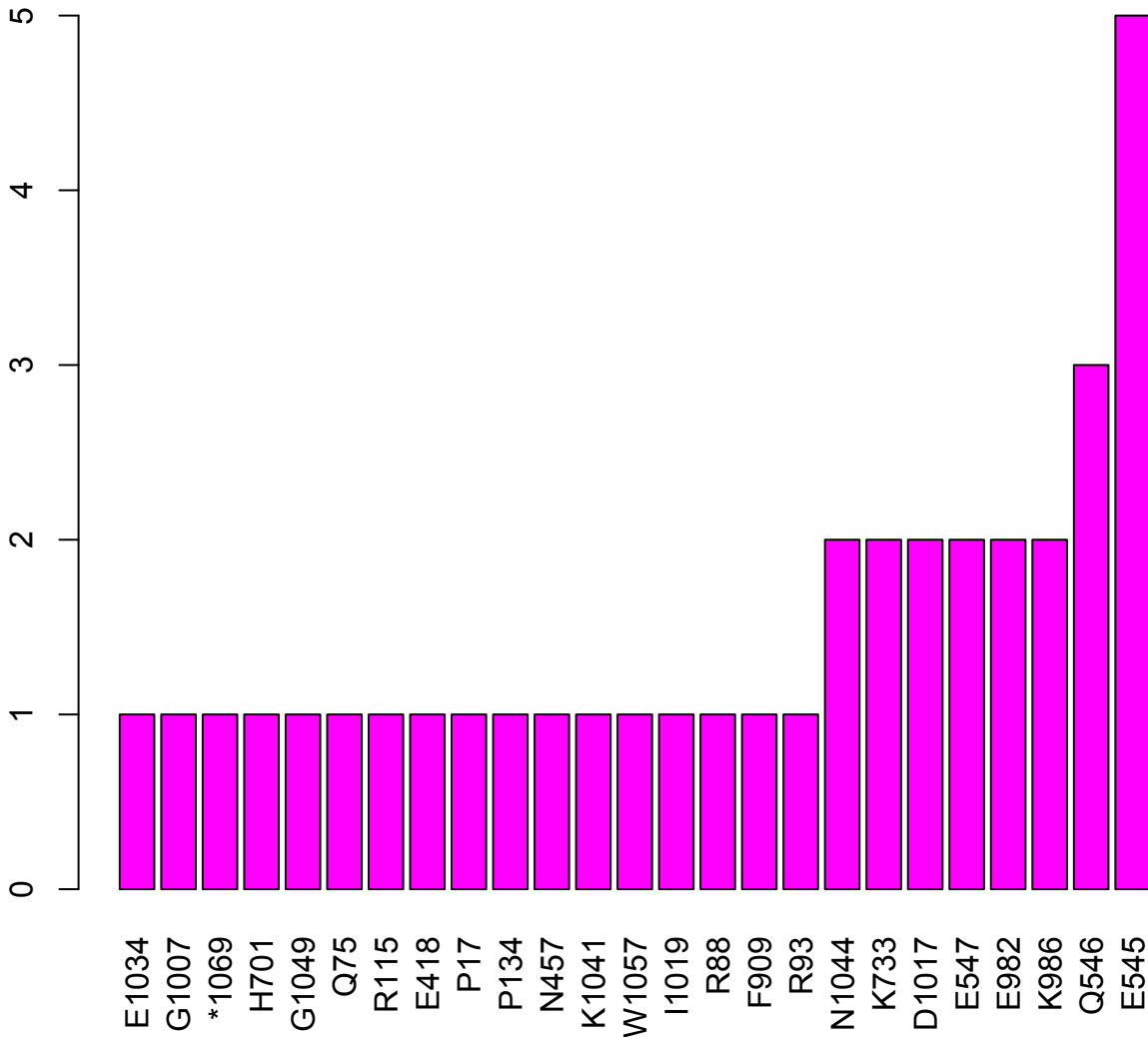
NbrSamples=499 Mutant Samples=14 Total Mutations=16

PIK3CA mutant **alleles** in **rectum** adenocarcinoma (N=122), **top 25**



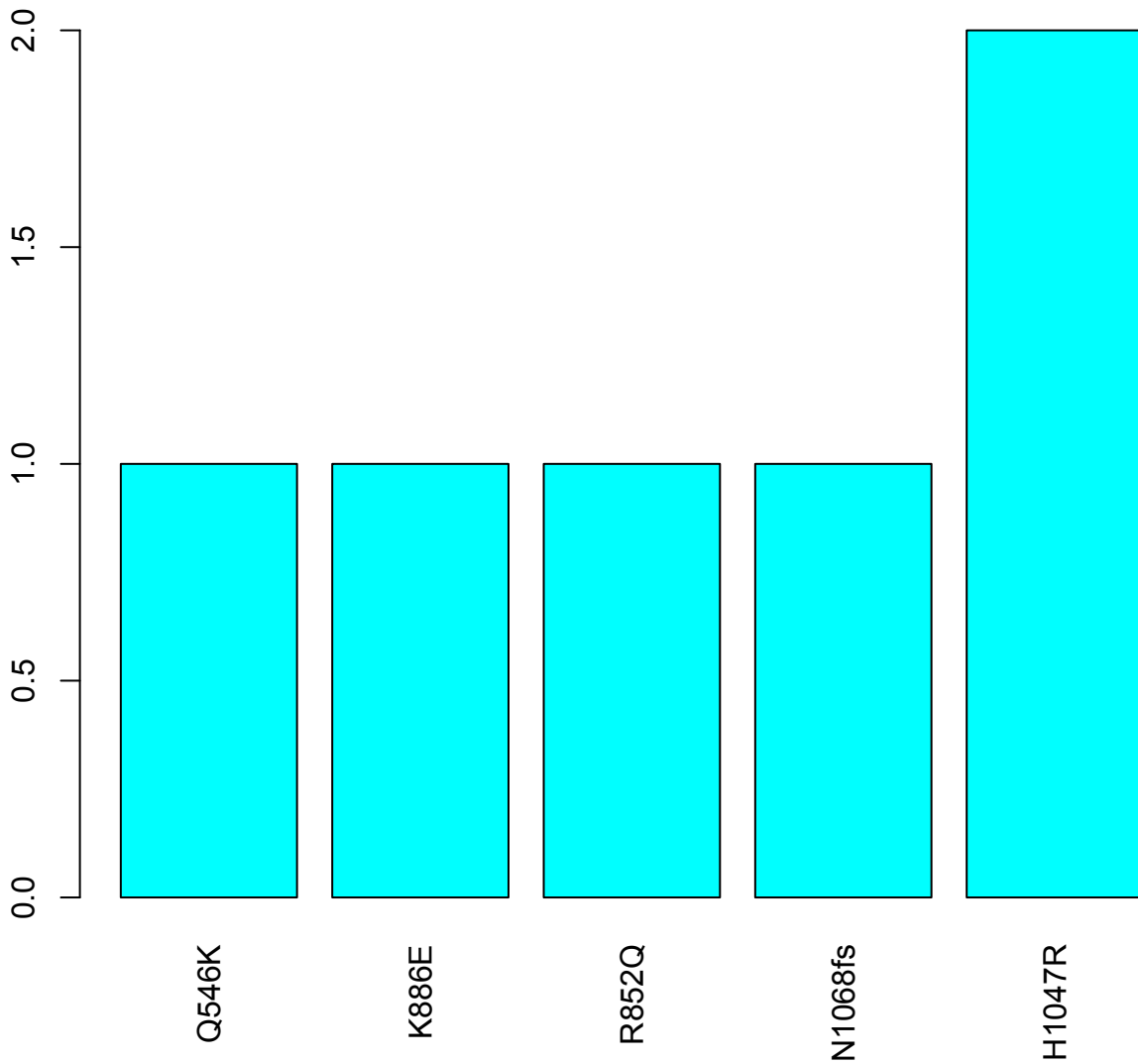
NbrSamples=122 Mutant Samples=37 Total Mutations=56(23 not shown)

PIK3CA mutant **positions** in **rectum** adenocarcinoma (N=122), **top 25**



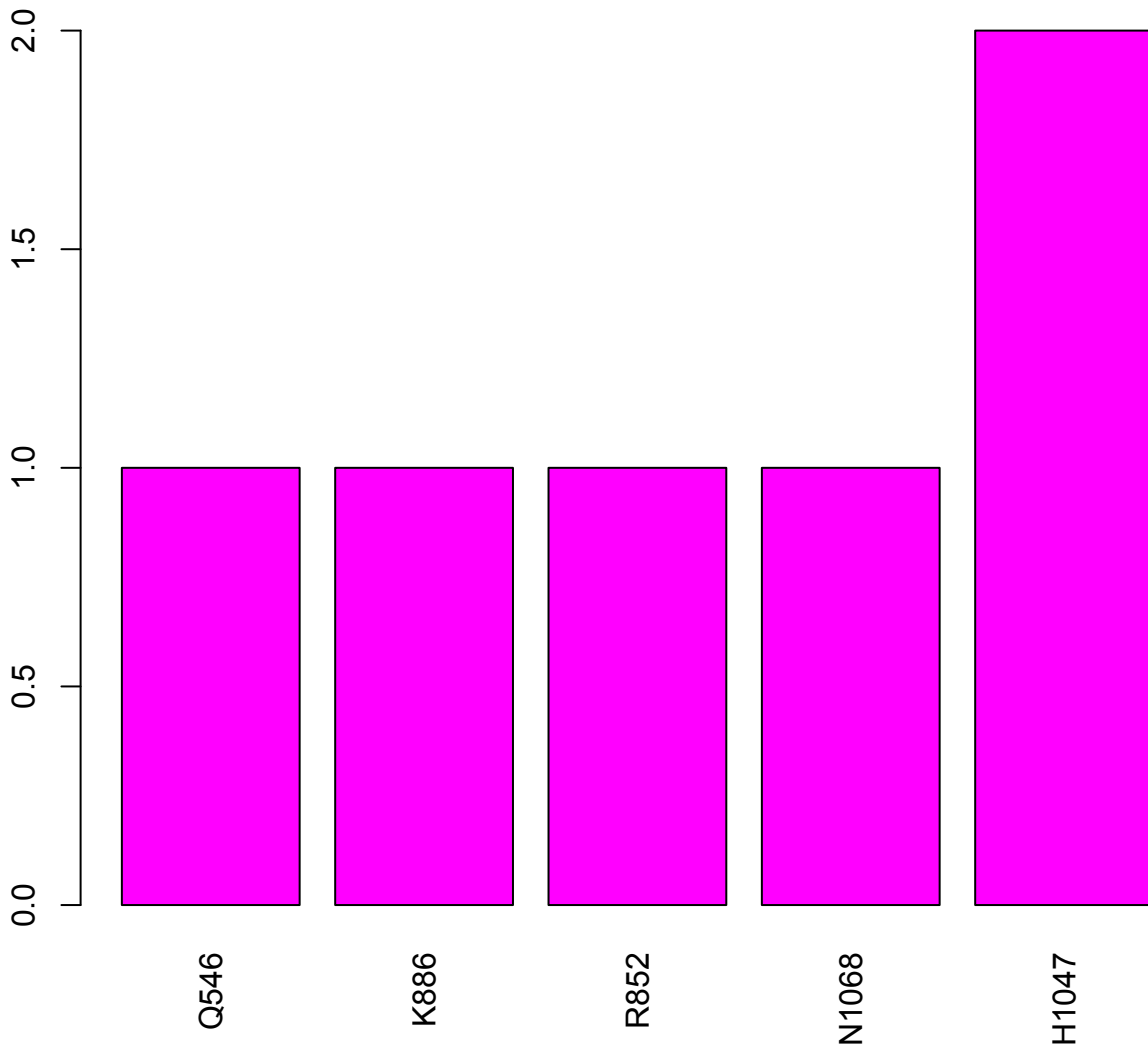
NbrSamples=122 Mutant Samples=37 Total Mutations=56 (19 not shown)

PIK3CA mutant **alleles** in **sarcoma** (N=247)



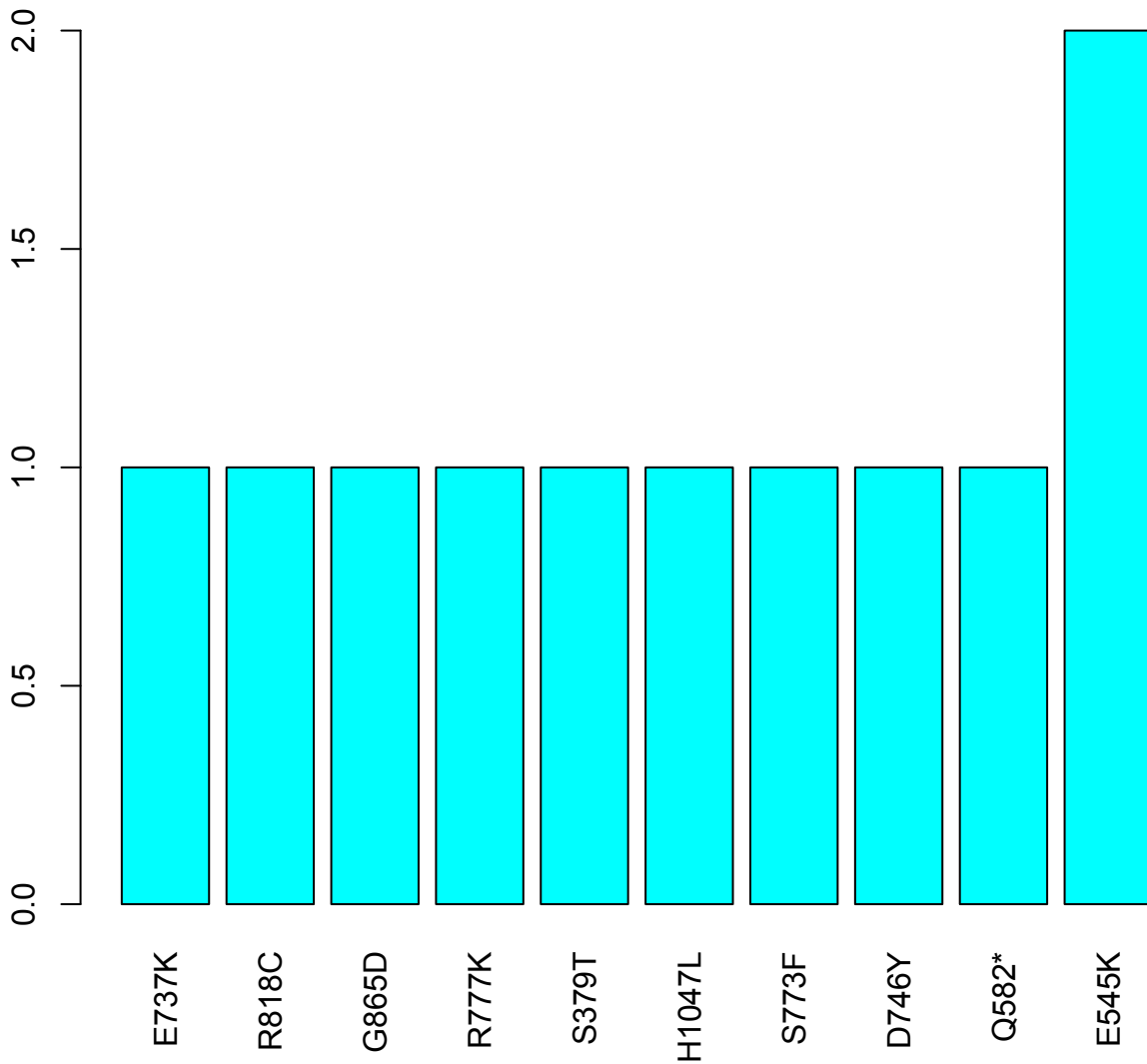
NbrSamples=247 Mutant Samples=6 Total Mutations=6

PIK3CA mutant positions in sarcoma (N=247)



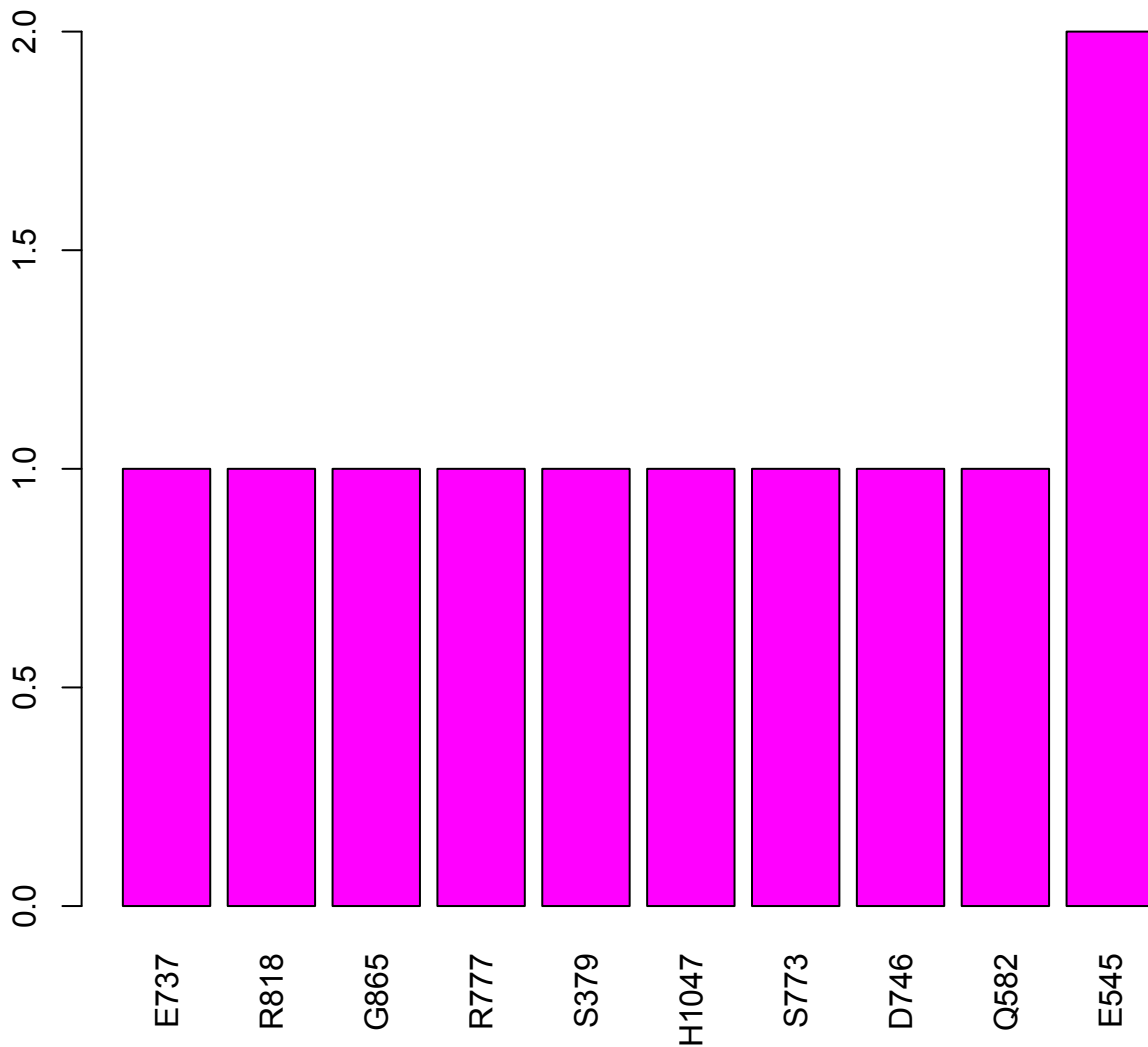
NbrSamples=247 Mutant Samples=6 Total Mutations=6

PIK3CA mutant **alleles** in skin cutaneous **melanoma** (N=371)



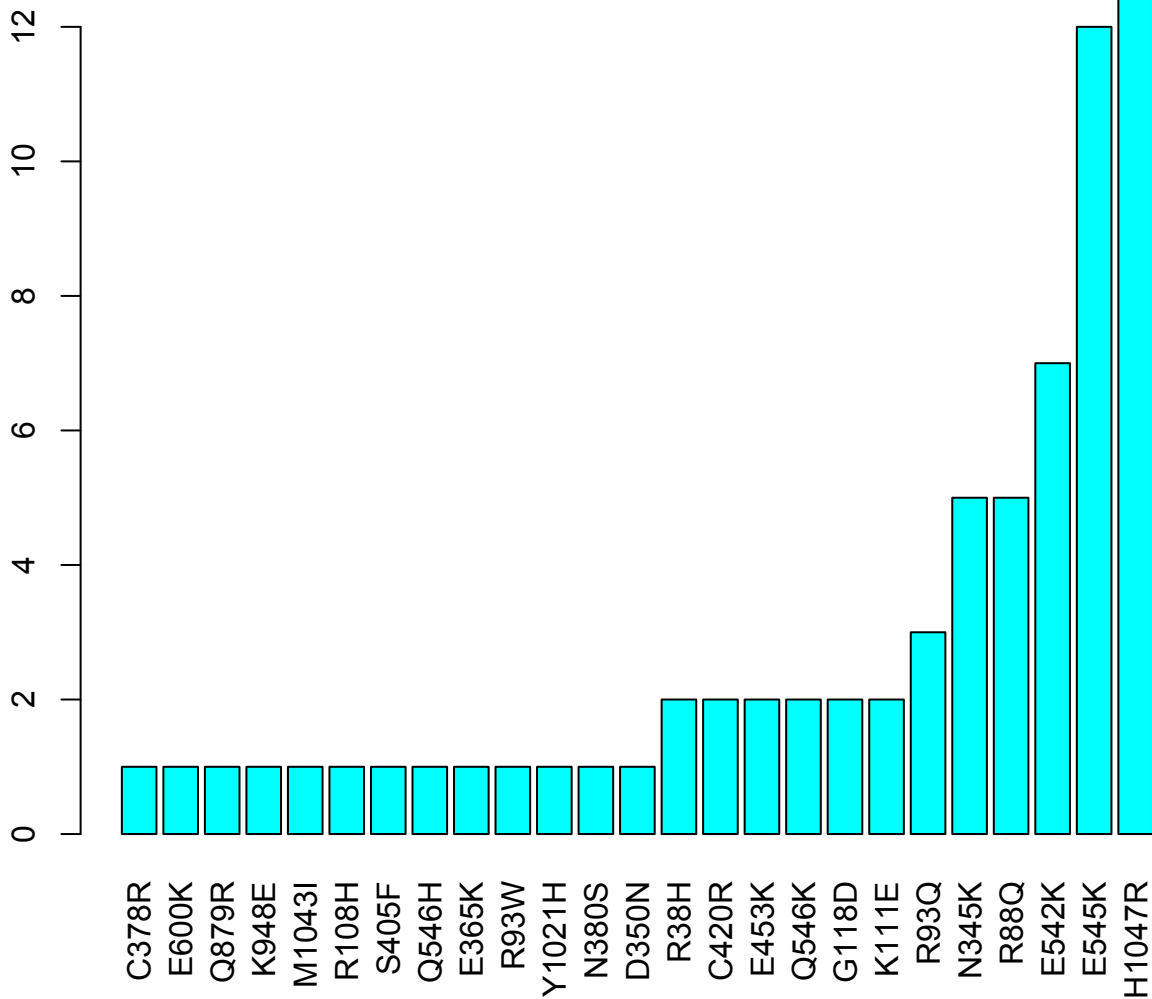
NbrSamples=371 Mutant Samples=11 Total Mutations=11

PIK3CA mutant **positions** in skin cutaneous **melanoma** (N=371)



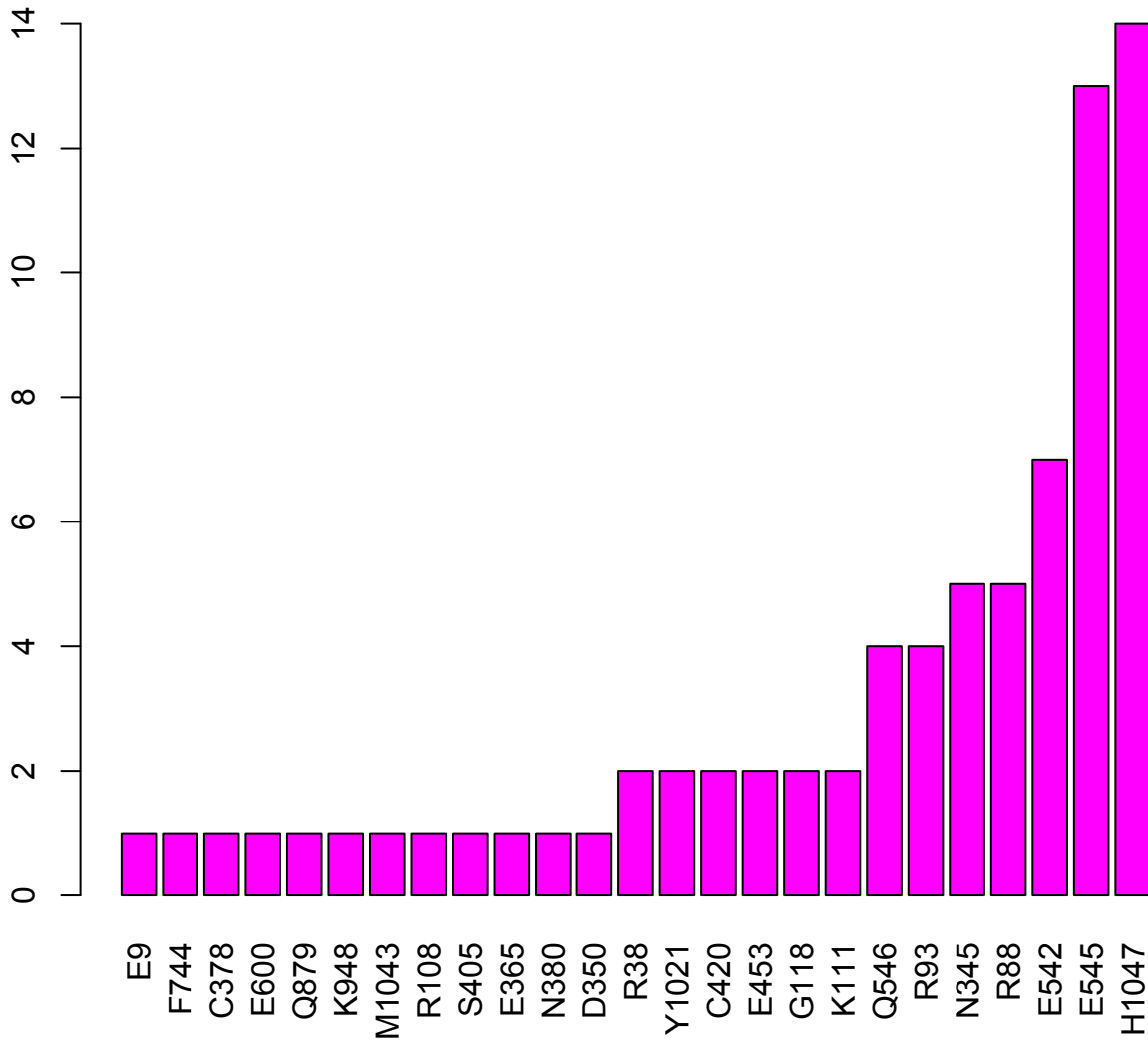
NbrSamples=371 Mutant Samples=11 Total Mutations=11

PIK3CA mutant **alleles** in **stomach** adenocarcinoma (N=395), **top 25**



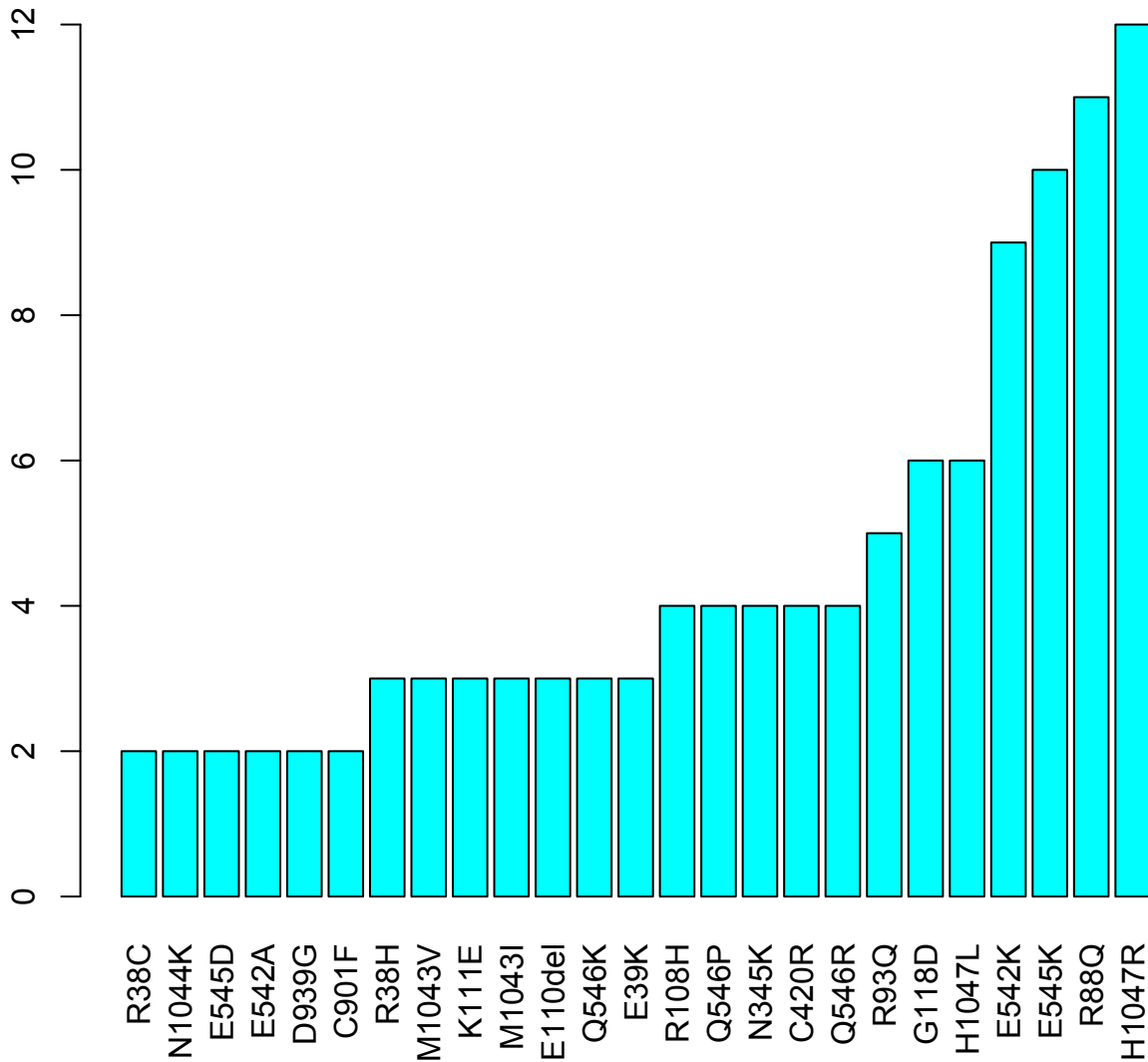
NbrSamples=395 Mutant Samples=65 Total Mutations=80(10 not shown)

PIK3CA mutant **positions** in **stomach** adenocarcinoma (N=395), **top 25**



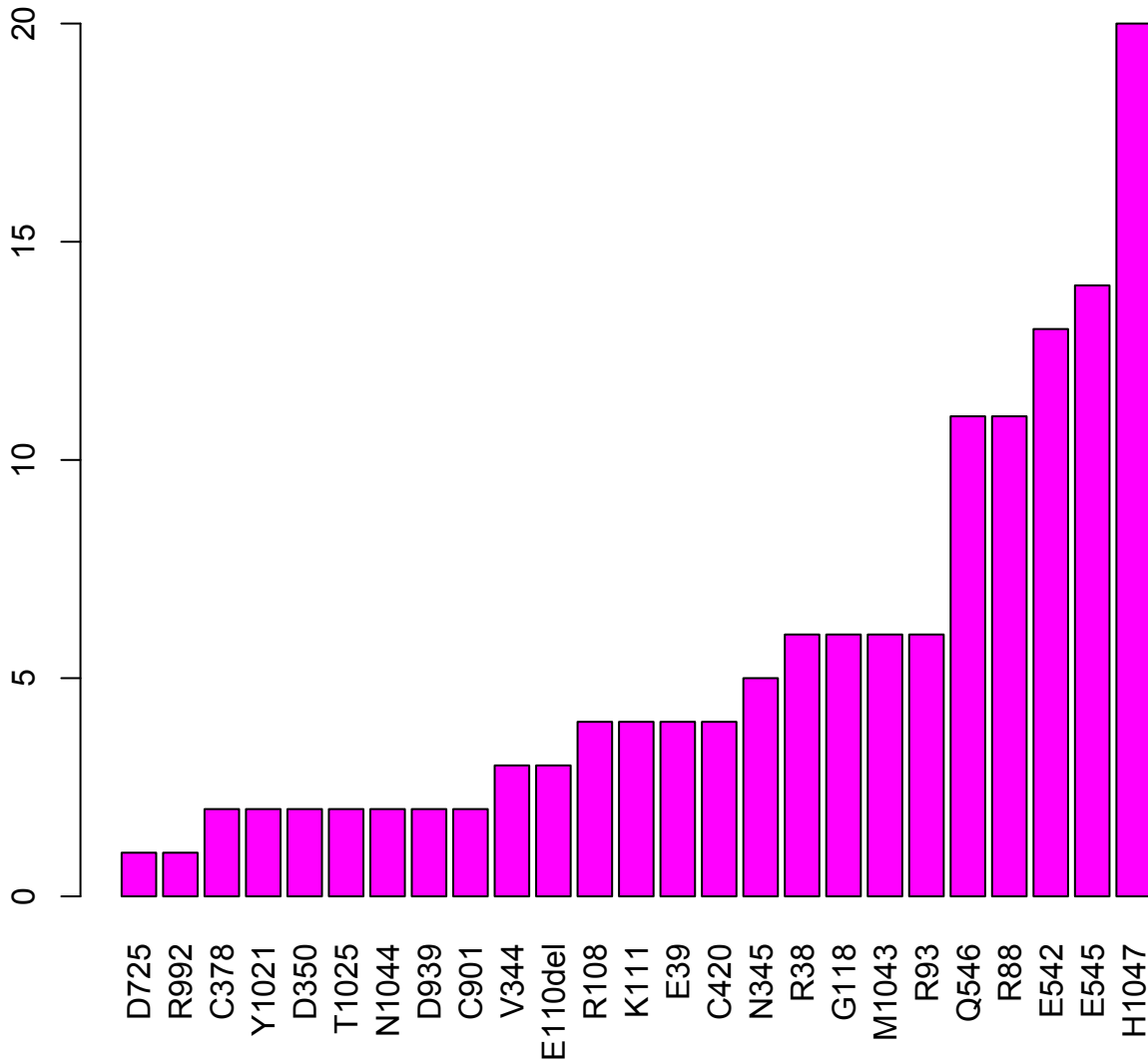
NbrSamples=395 Mutant Samples=65 Total Mutations=80 (4 not shown)

PIK3CA mutant **alleles** in uterine corpus **endometrial** carcinoma (N=248), **top 25**



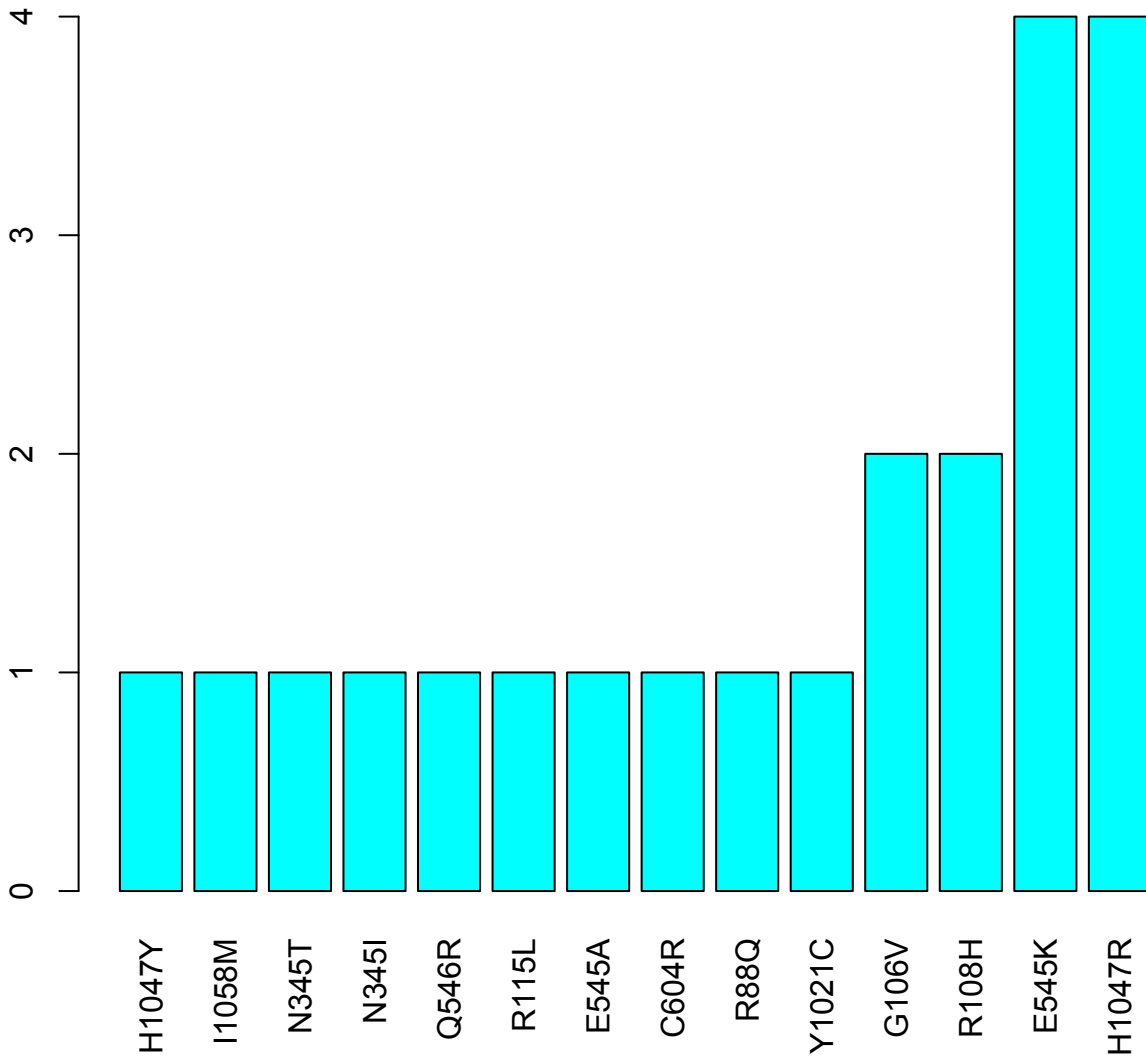
NbrSamples=248 Mutant Samples=132 Total Mutations=170(58 not shown)

PIK3CA mutant **positions** in uterine corpus **endometrial** carcinoma (N=248), **top 25**



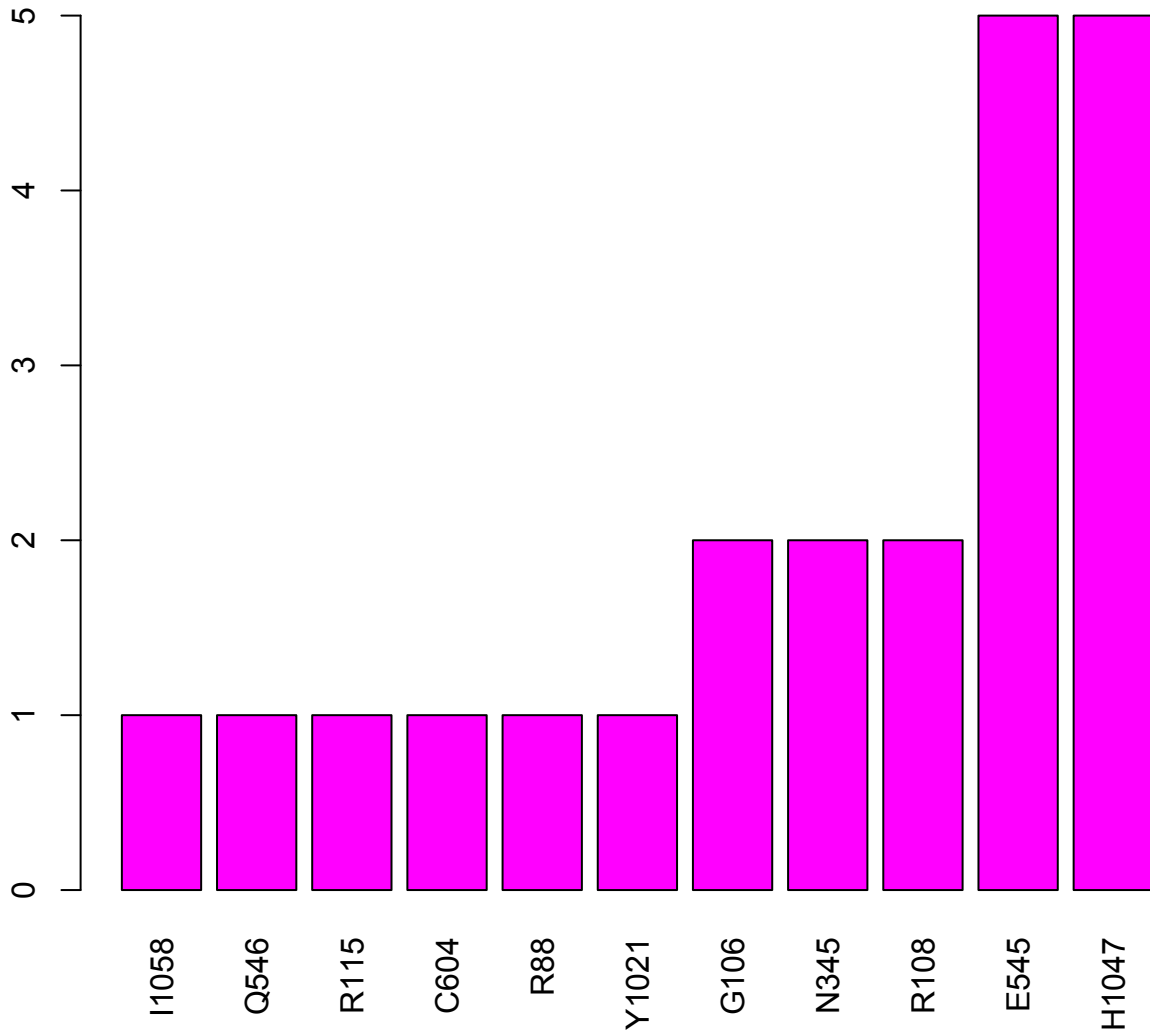
NbrSamples=248 Mutant Samples=132 Total Mutations=170 (34 not shown)

PIK3CA mutant **alleles** in **uterine** carcinosarcoma (N=57)



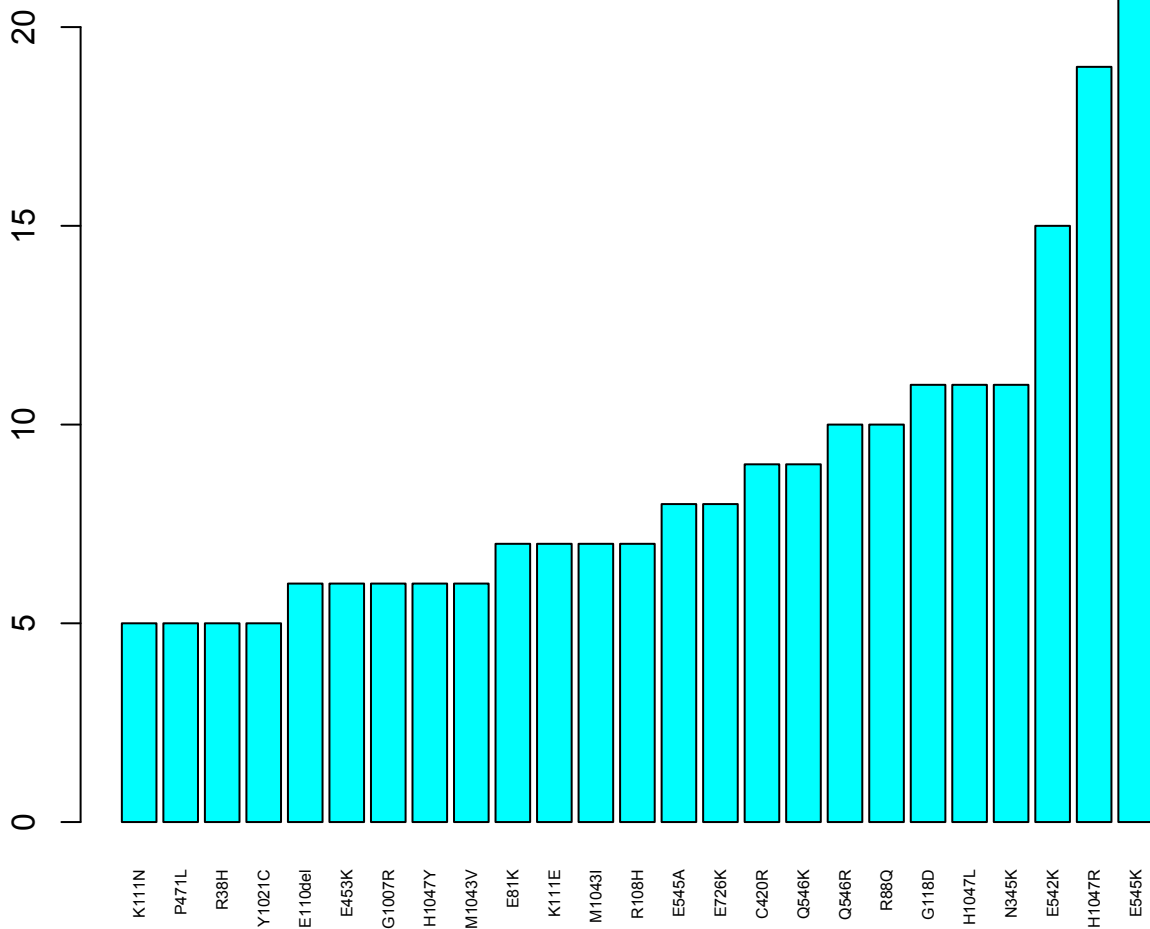
NbrSamples=57 Mutant Samples=20 Total Mutations=22

PIK3CA mutant positions in uterine carcinosarcoma (N=57)



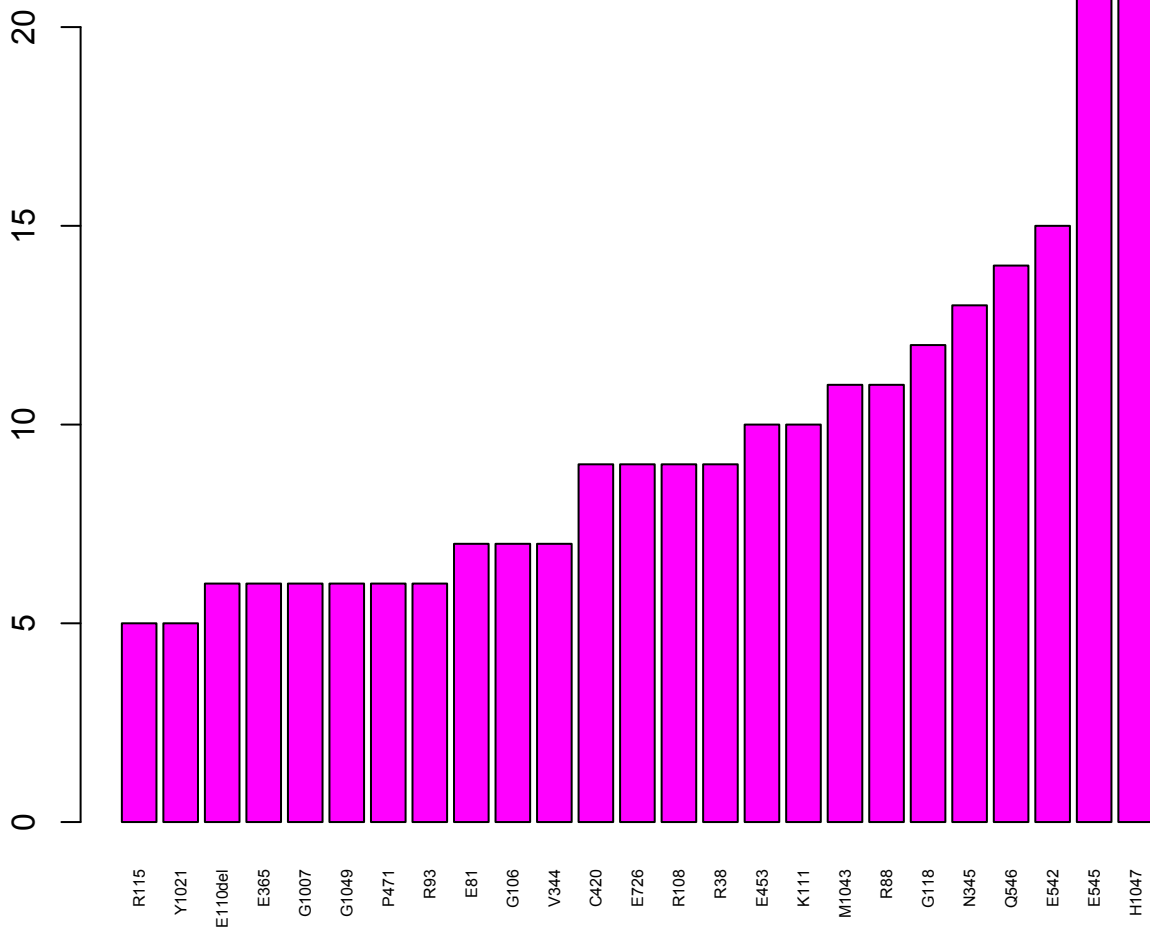
NbrSamples=57 Mutant Samples=20 Total Mutations=22

Number of cancer **types** where each PIK3CA **mutation** occurs, **top 25**



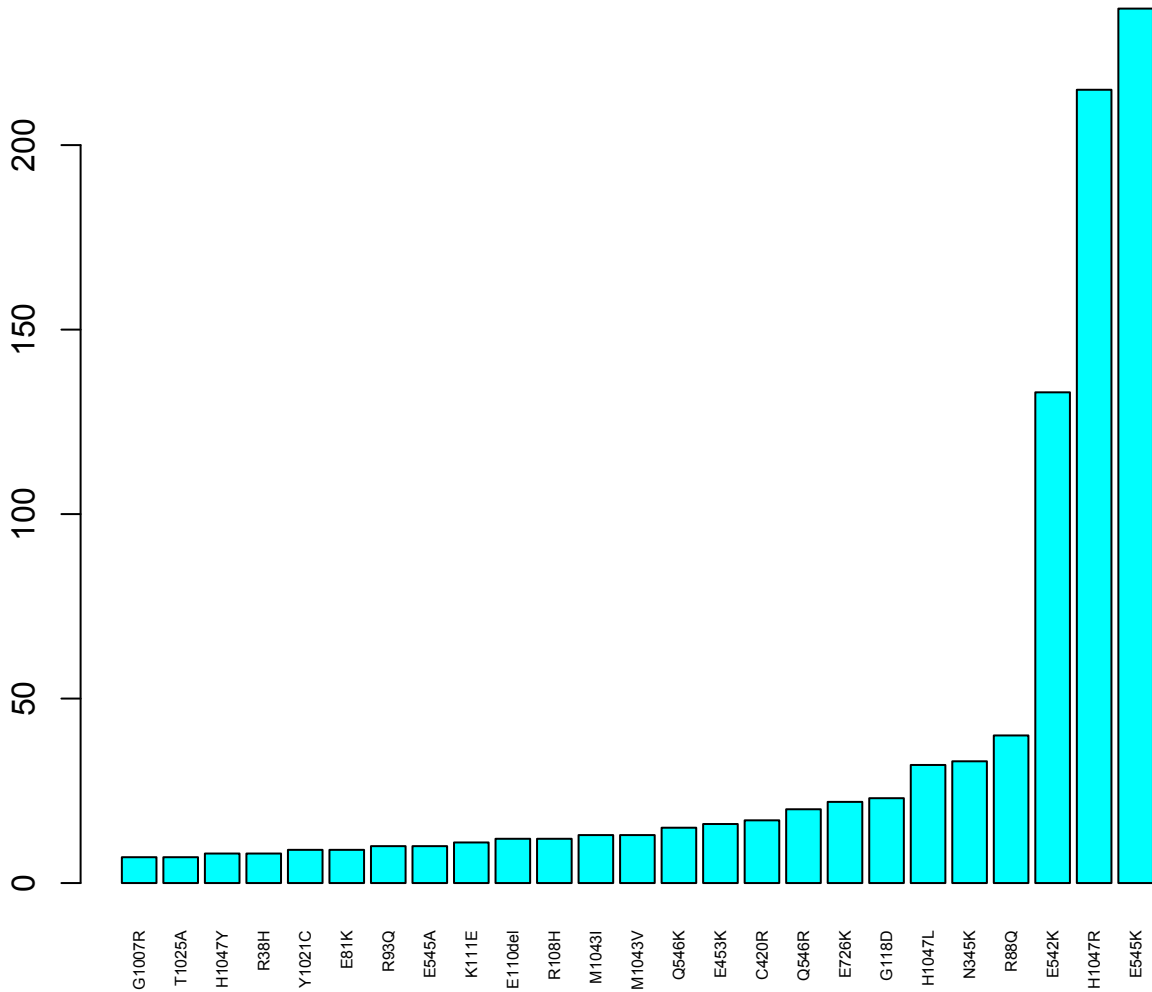
444 not shown

Number of cancer **types** where each PIK3CA mutation **position** occurs, **top 25**



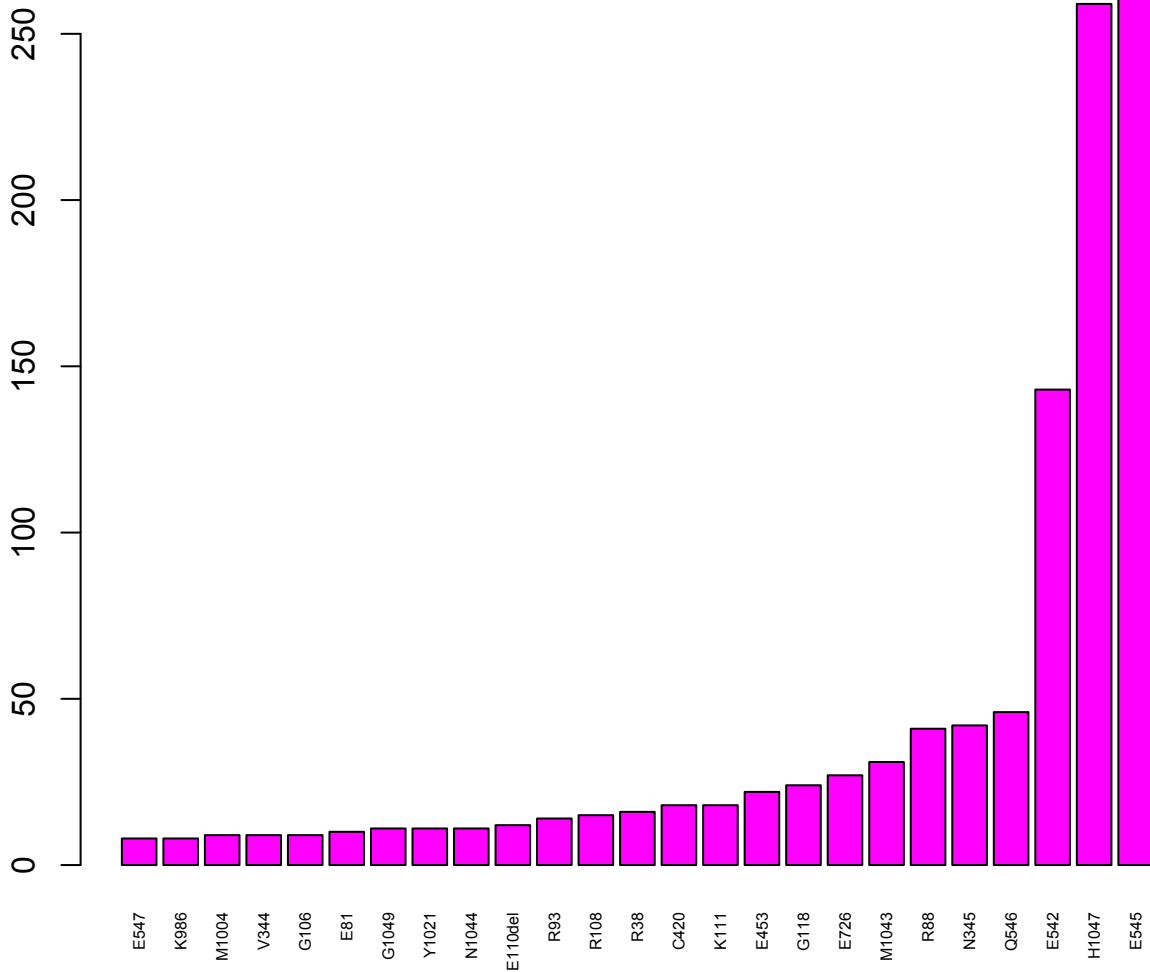
296 not shown

Number of **times** each PIK3CA **mutation** occurs across all cancer types, **top 25**



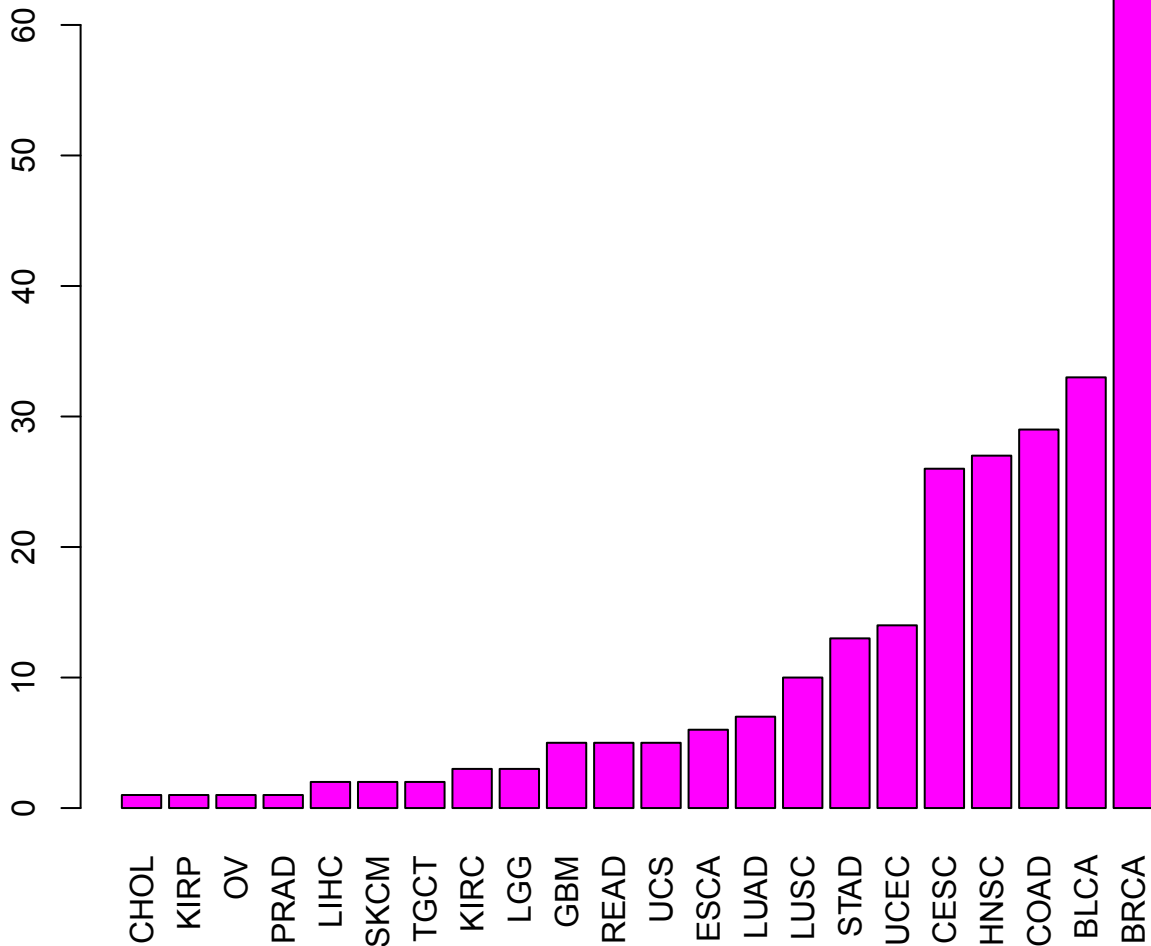
539 not shown

Number of **times** each PIK3CA mutation **position** occurs across all cancer types, **top 25**

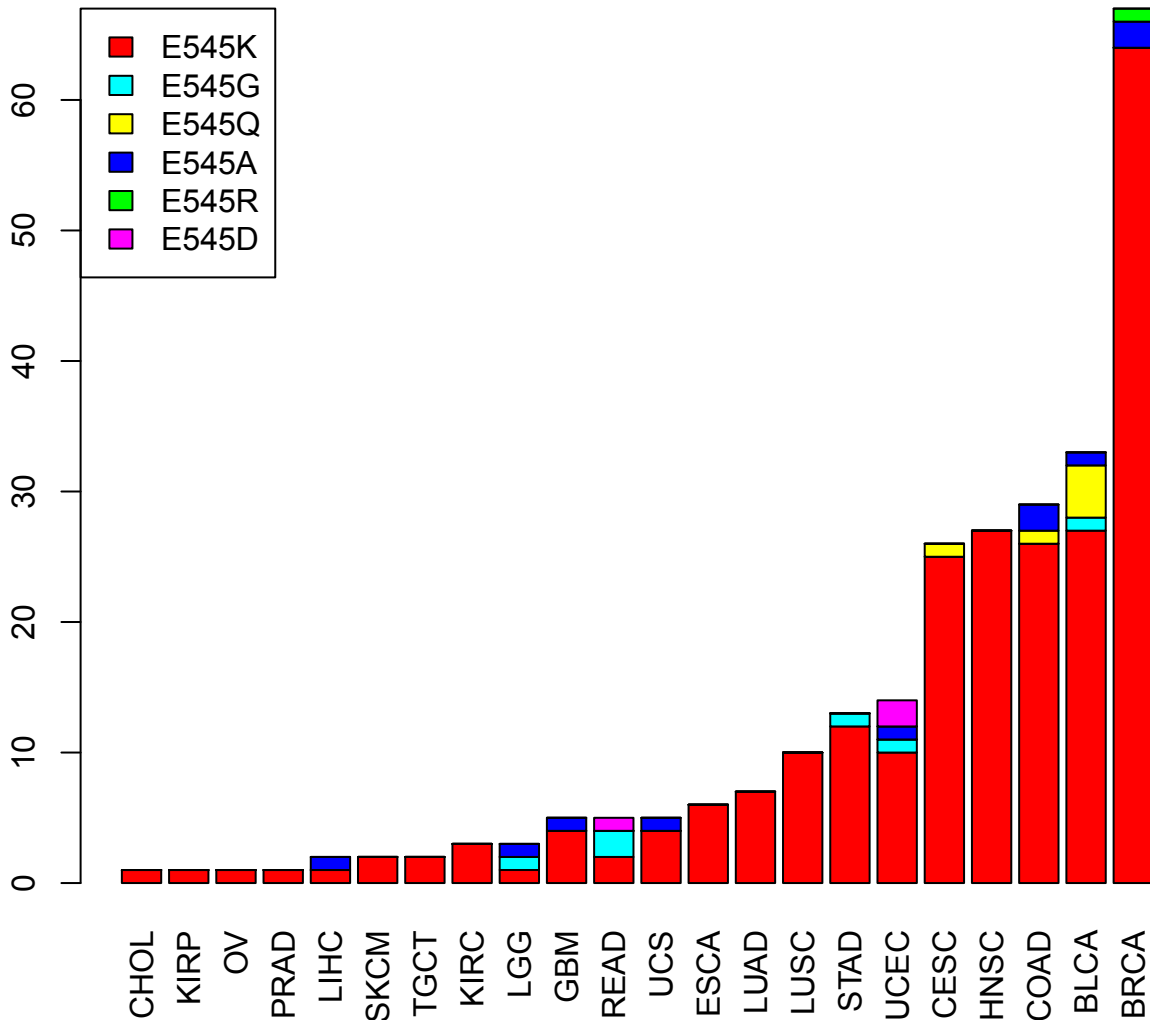


394 not shown

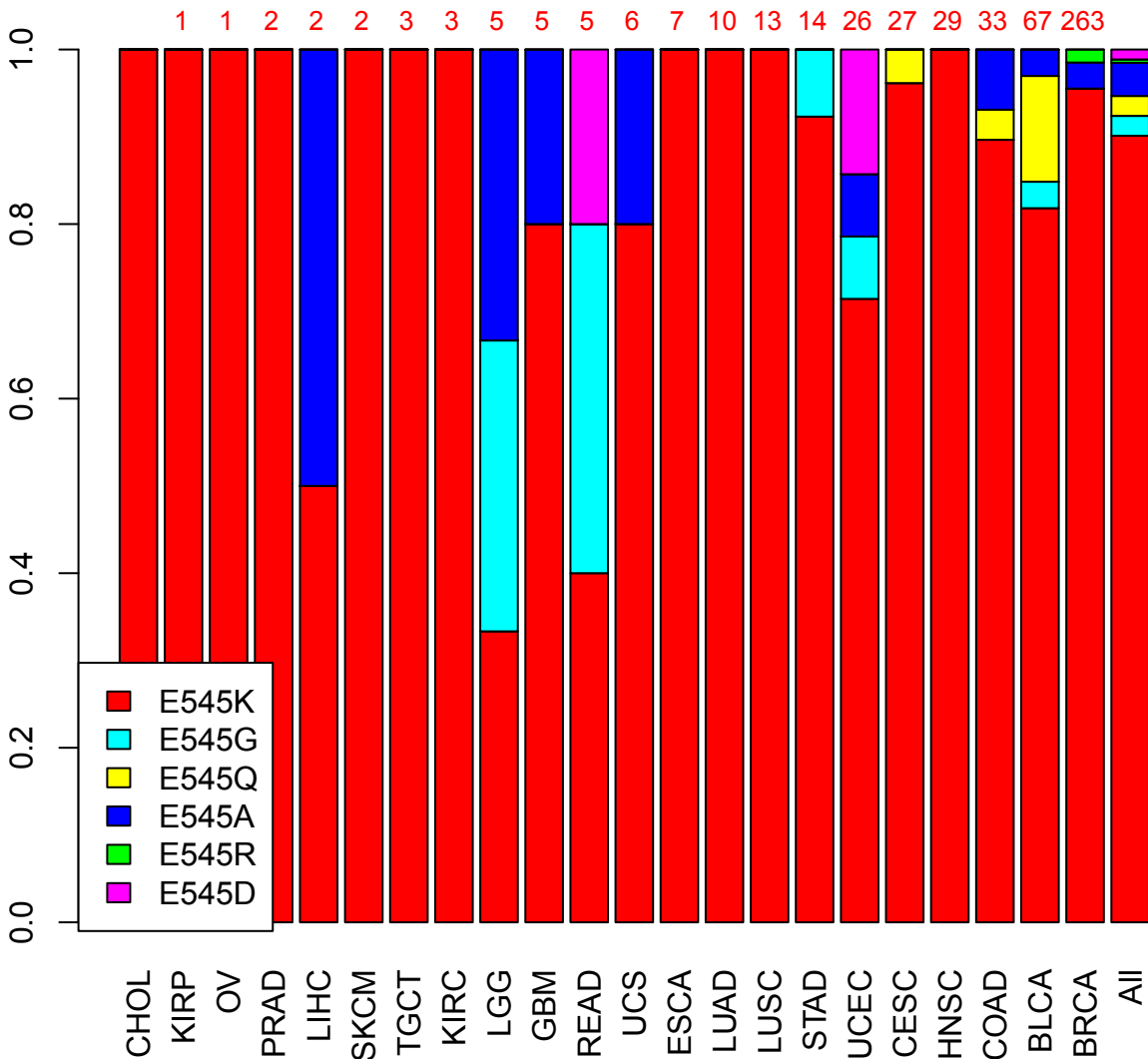
Total number of PIK3CA E545 mutations in different cancer types



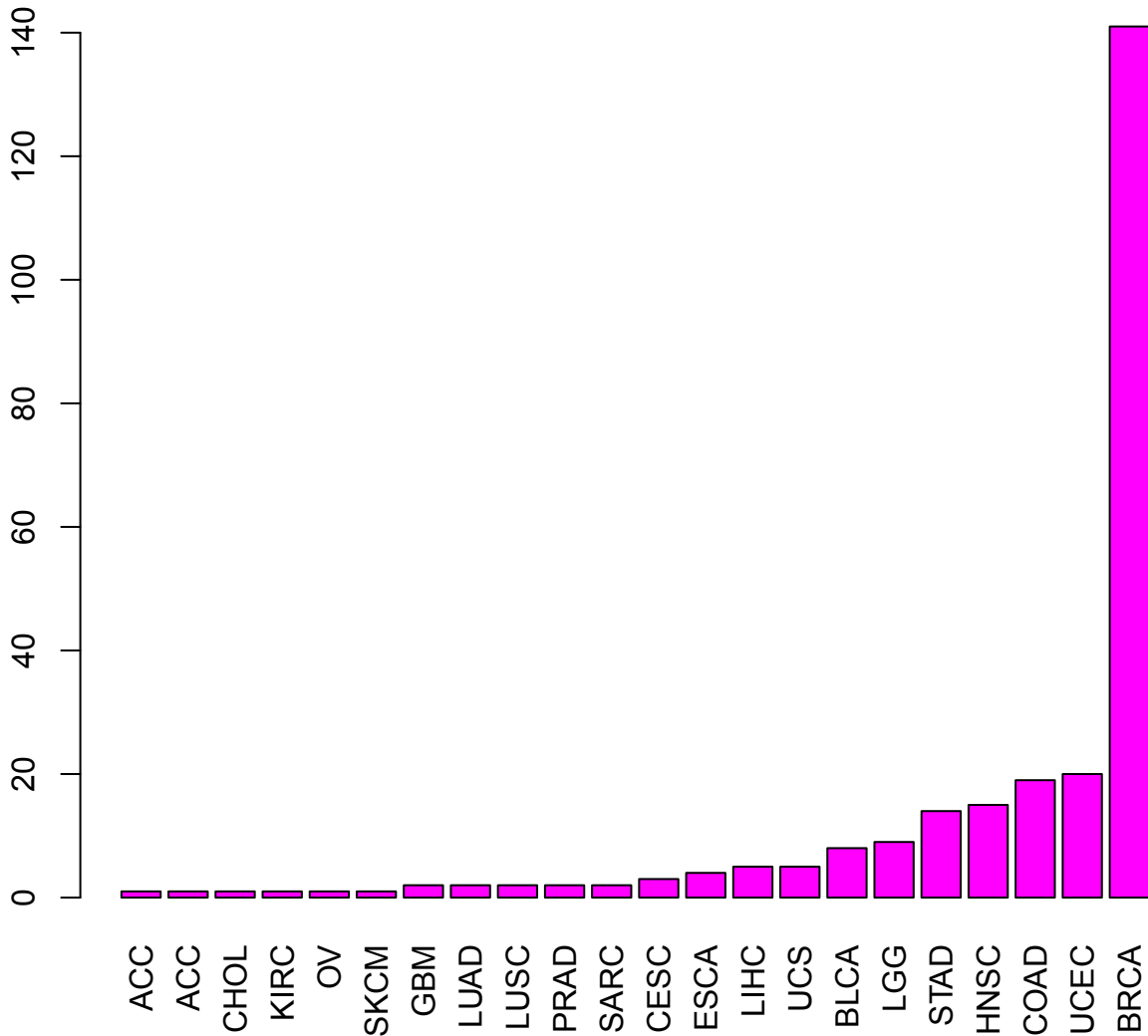
Mutated allele breakdown for PIK3CA E545 mutations



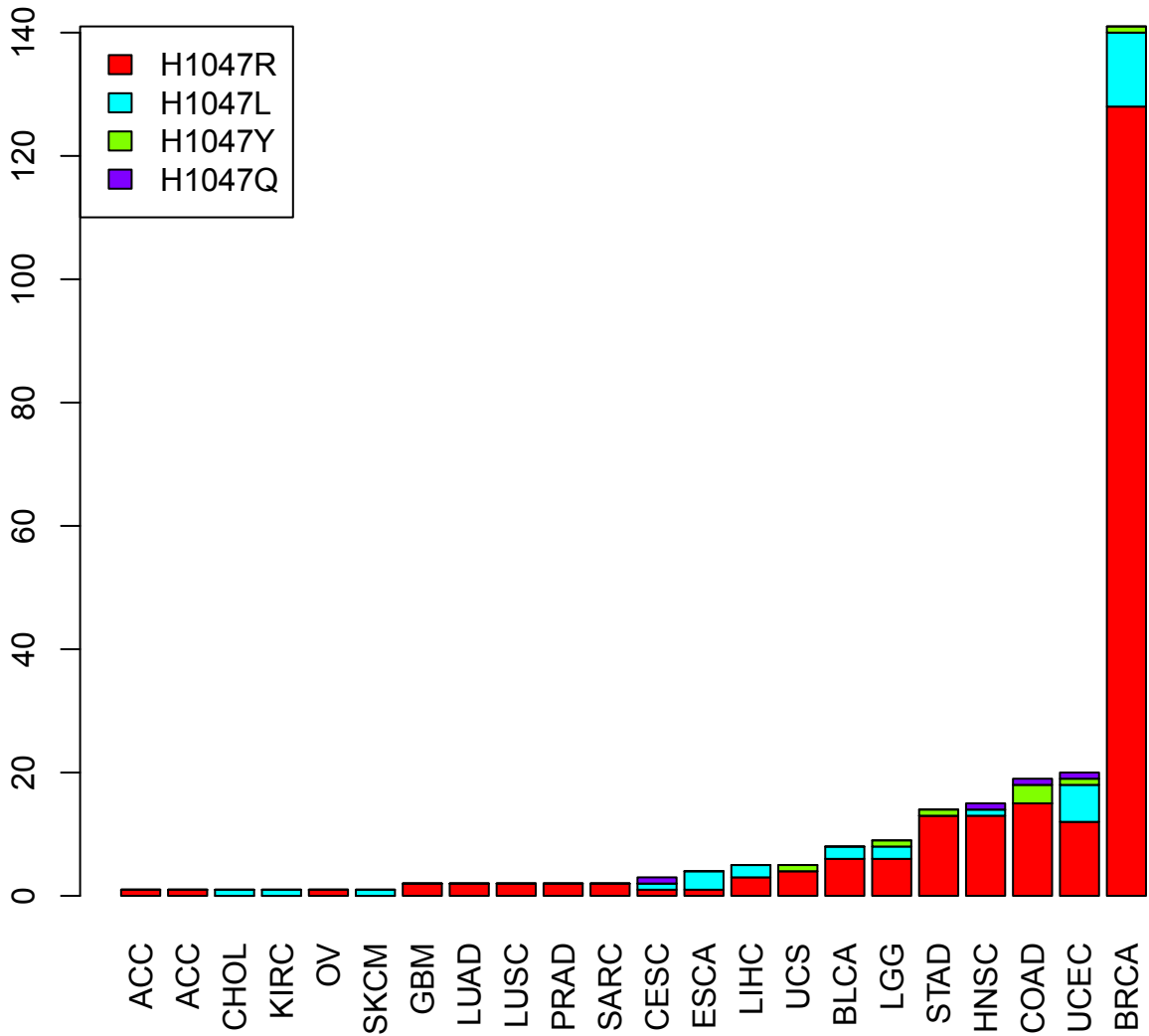
Proportional view of allele breakdown of PIK3CA **E545** mutations 1 1



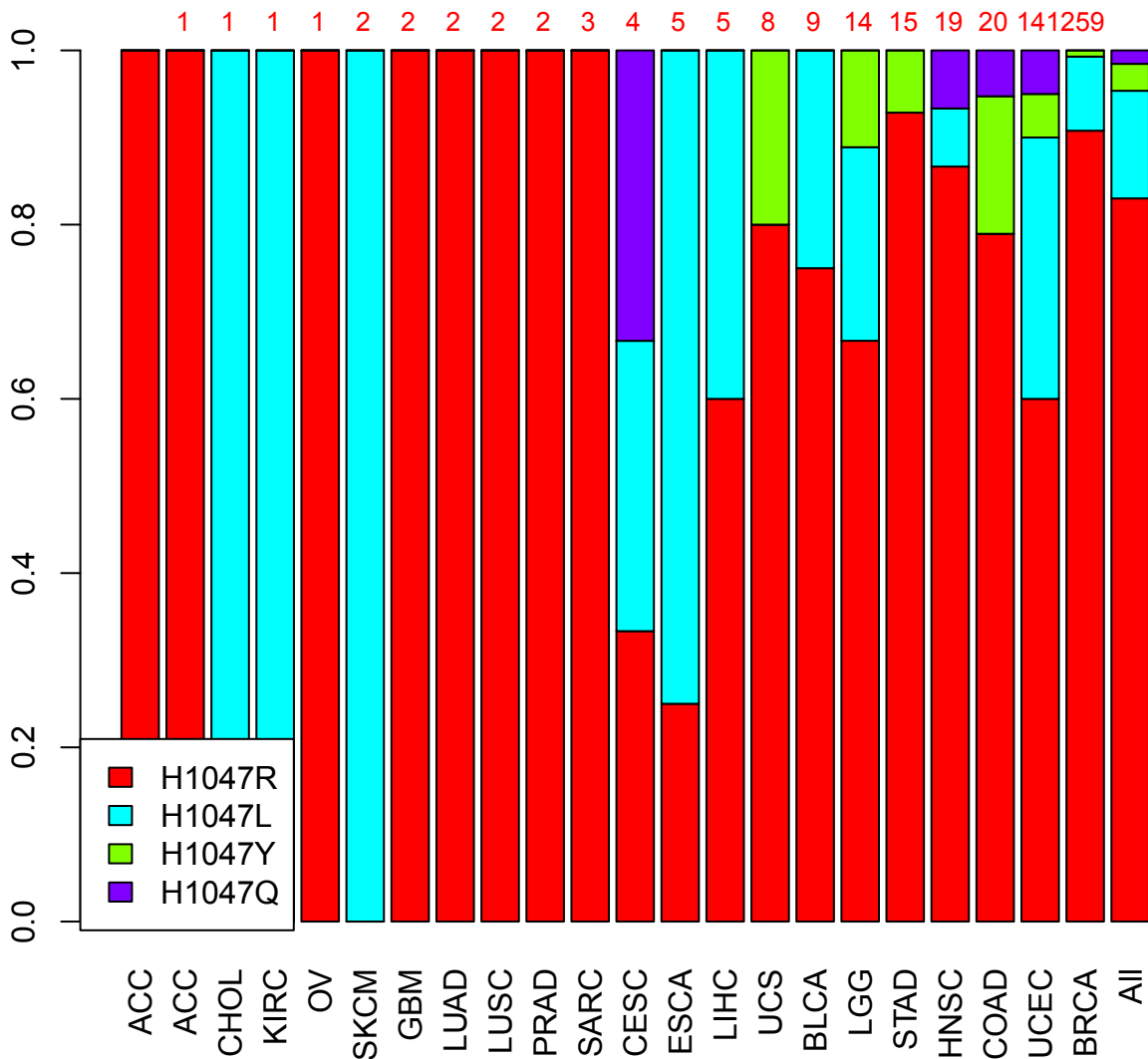
Total number of PIK3CA **H1047** mutations in different cancer types



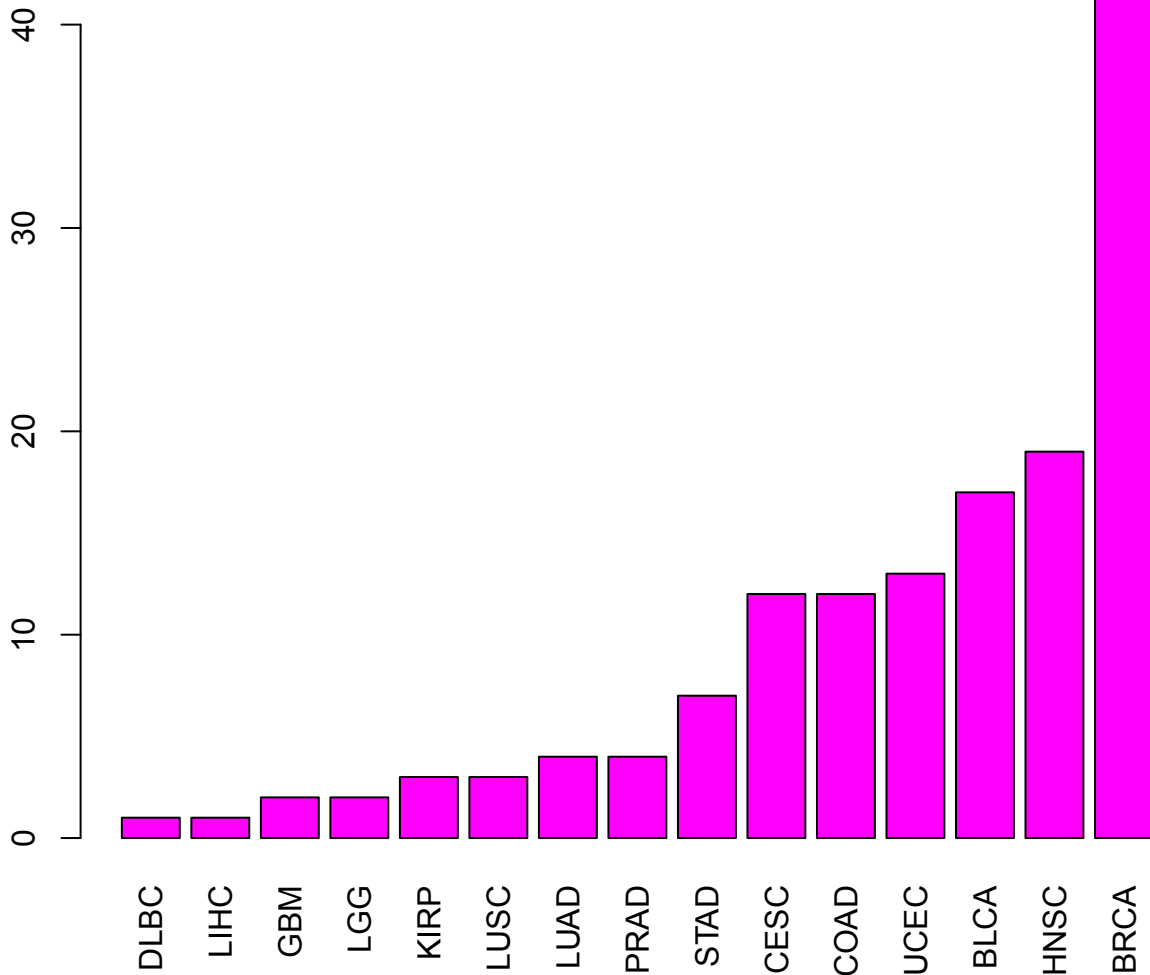
Mutated allele breakdown for PIK3CA H1047 mutations



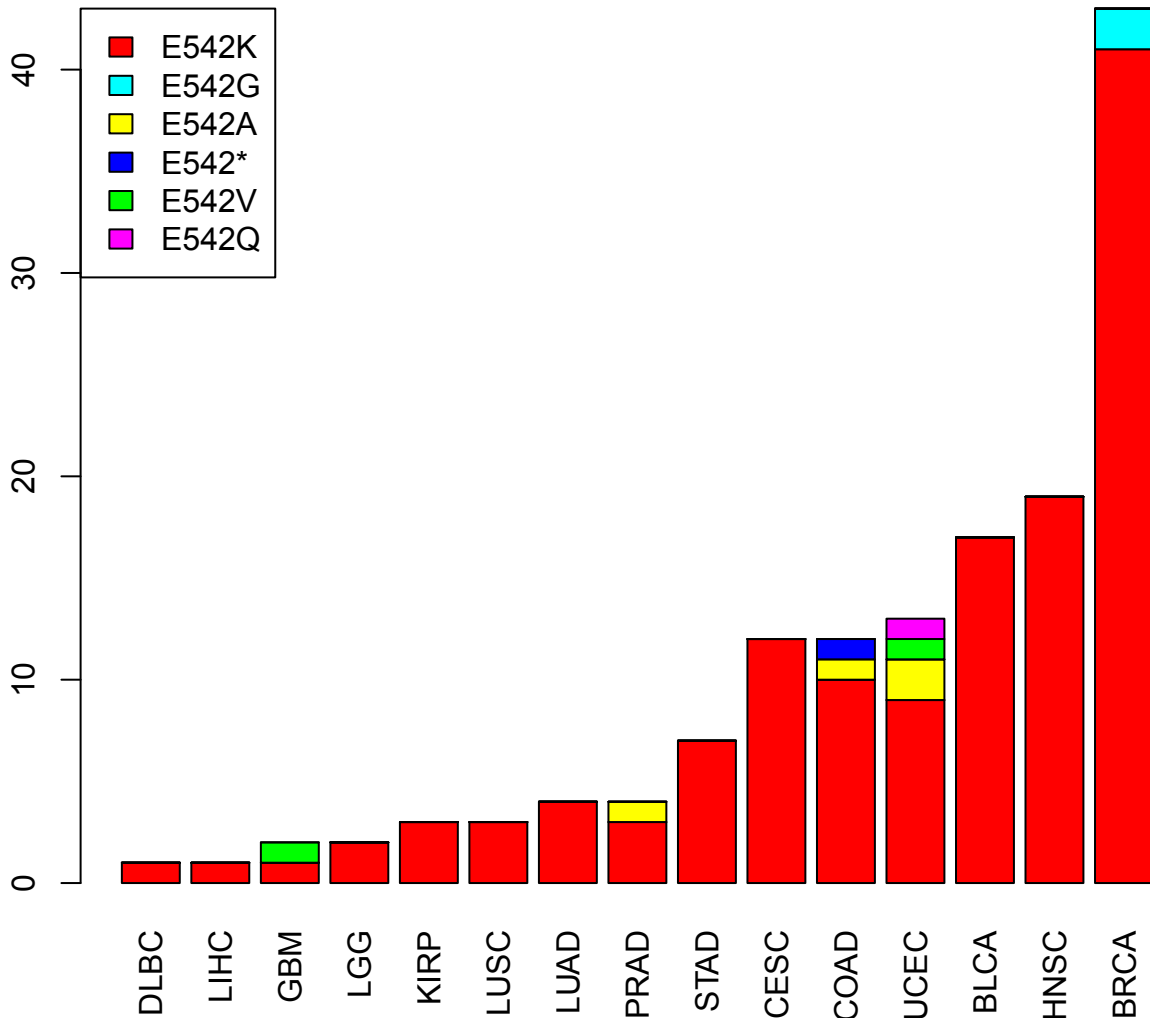
Proportional view of allele breakdown of PIK3CA H1047 mutations 1 1



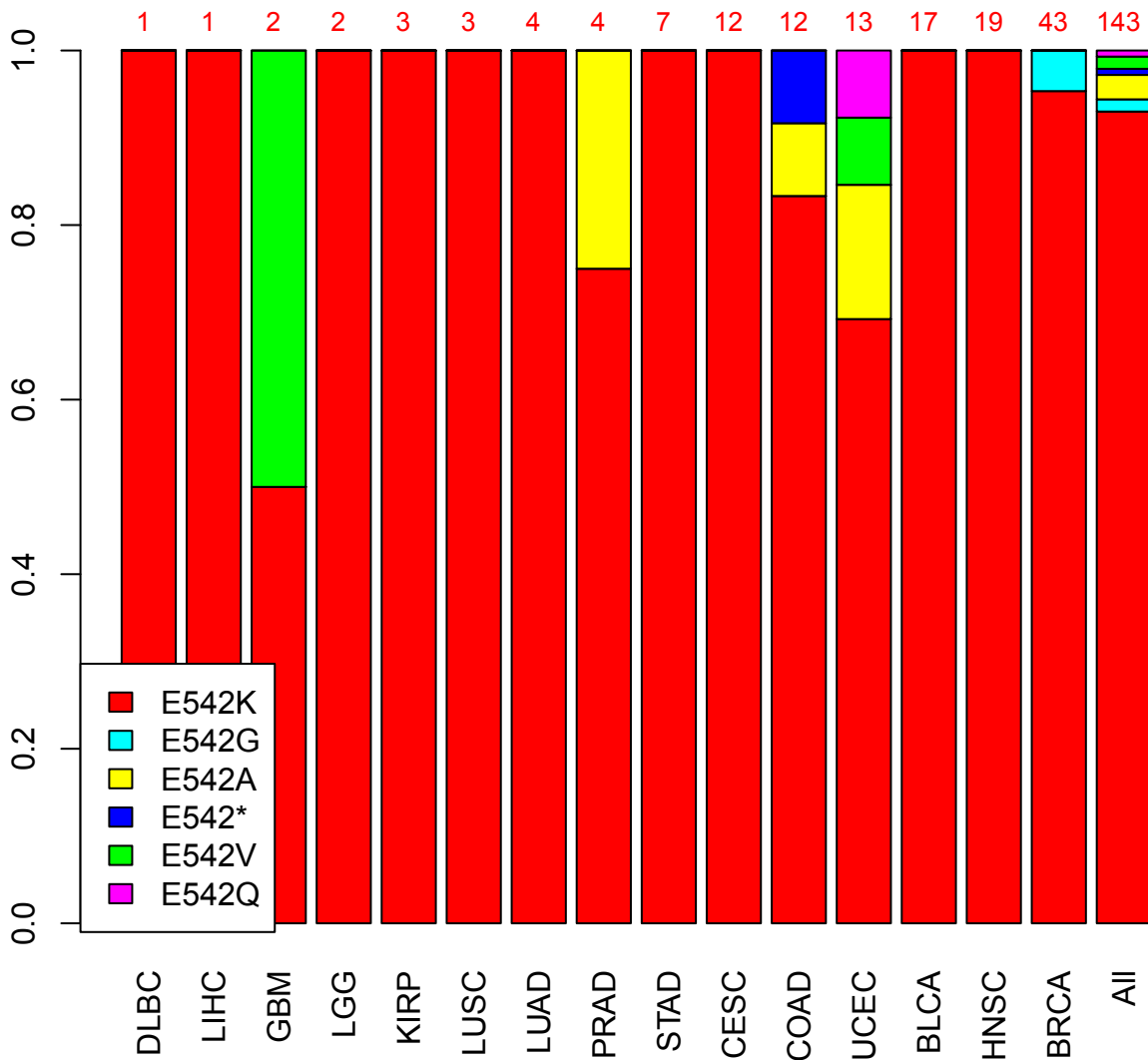
Total number of PIK3CA **E542** mutations in different cancer types



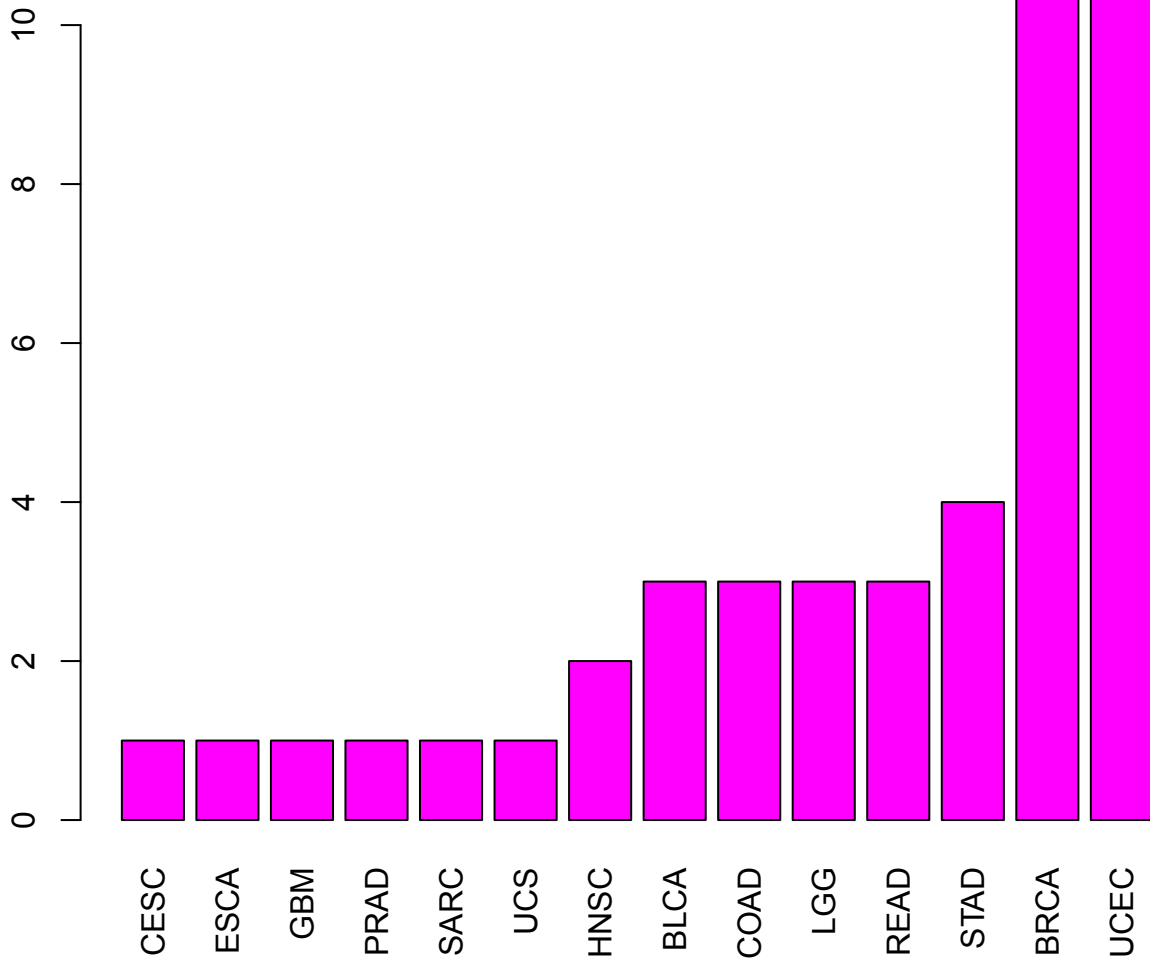
Mutated allele breakdown for PIK3CA E542 mutations



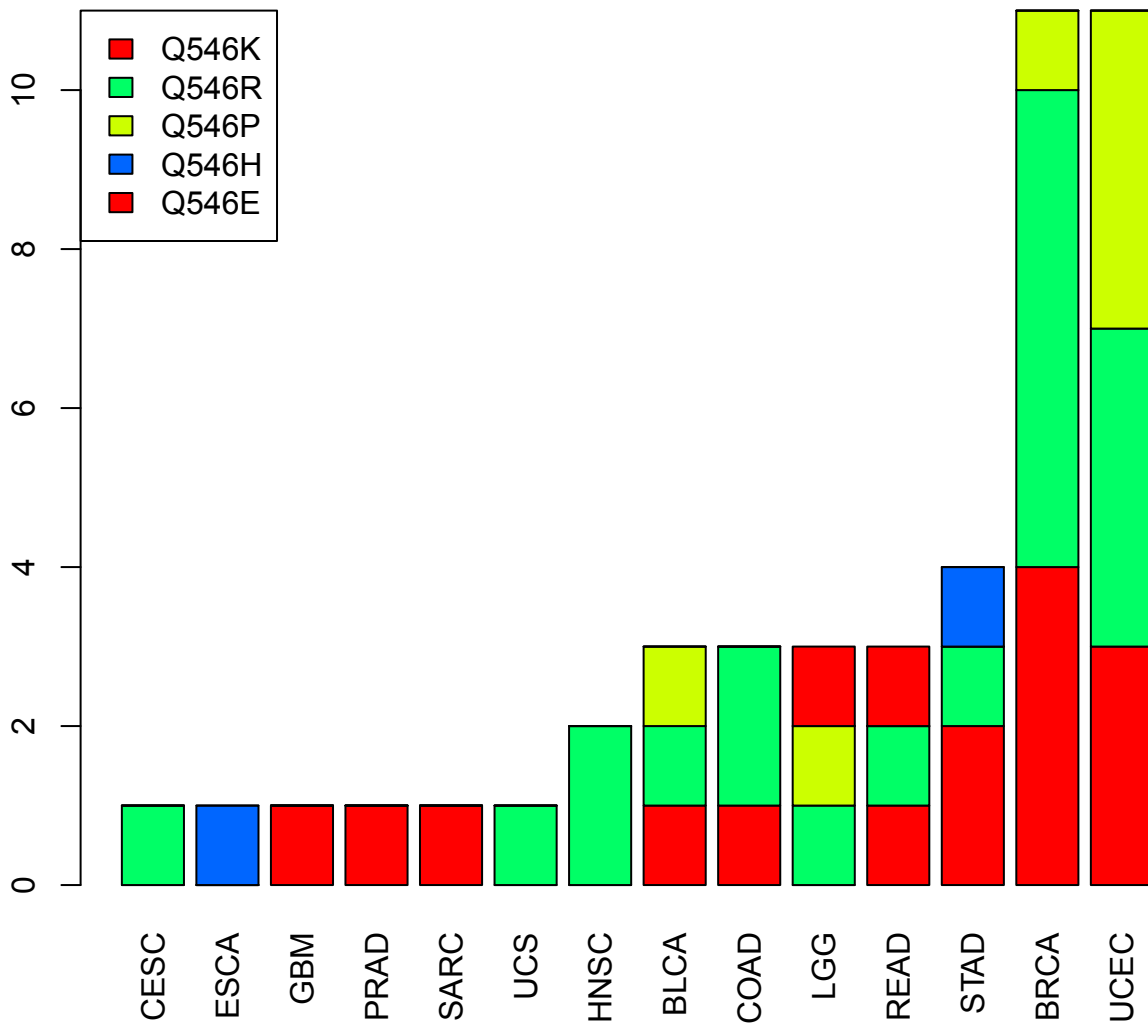
Proportional view of allele breakdown of PIK3CA E542 mutations



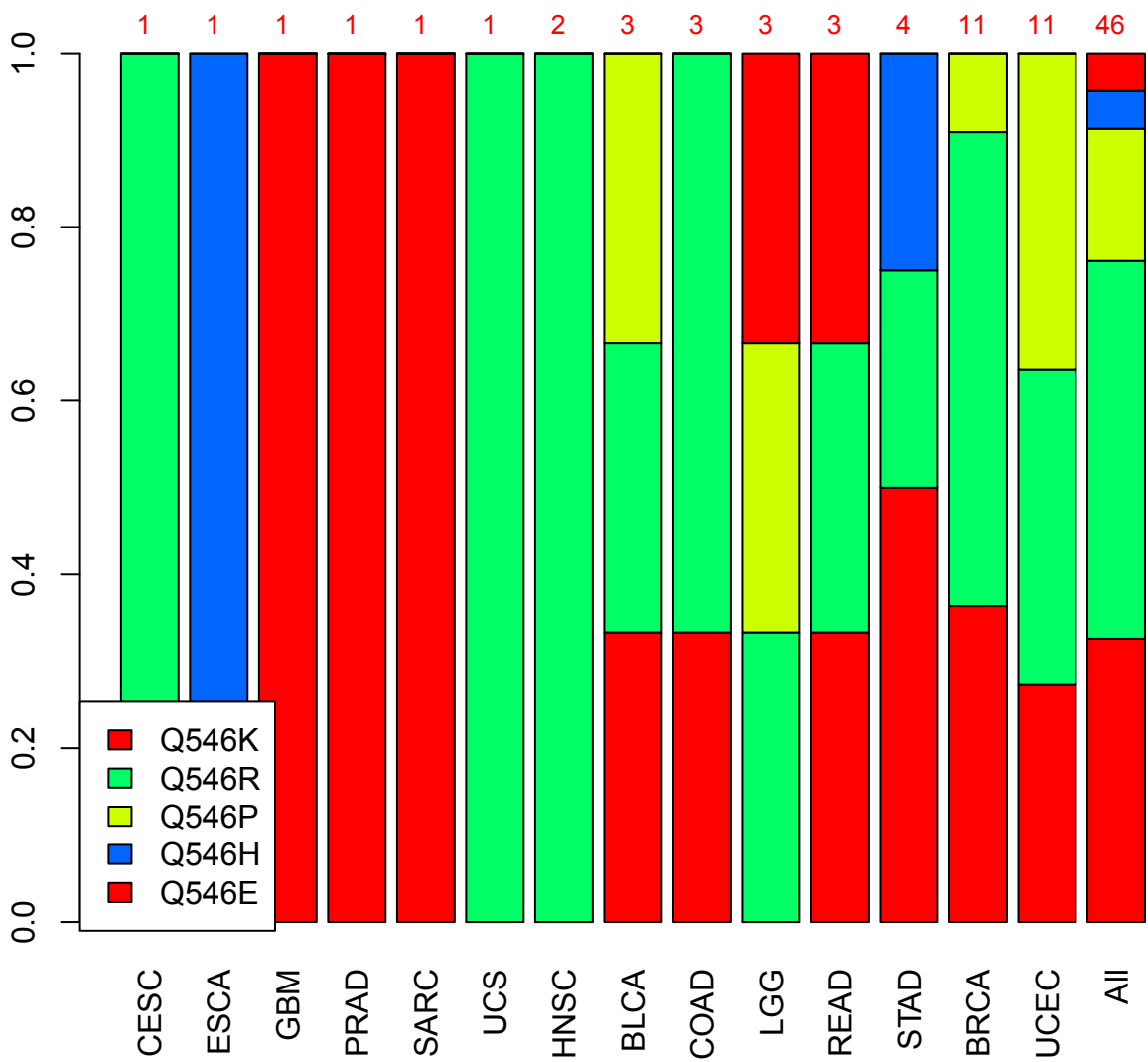
Total number of PIK3CA **Q546** mutations in different cancer types



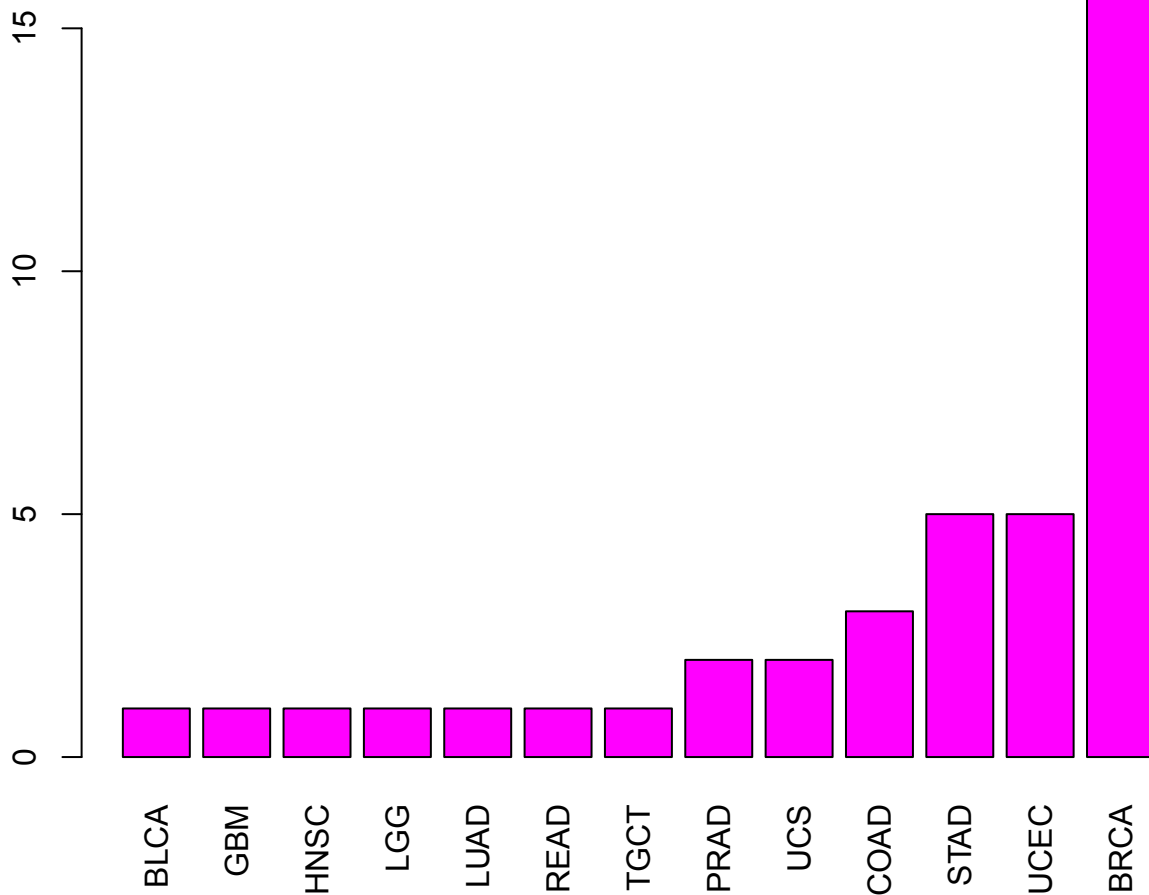
Mutated allele breakdown for PIK3CA Q546 mutations



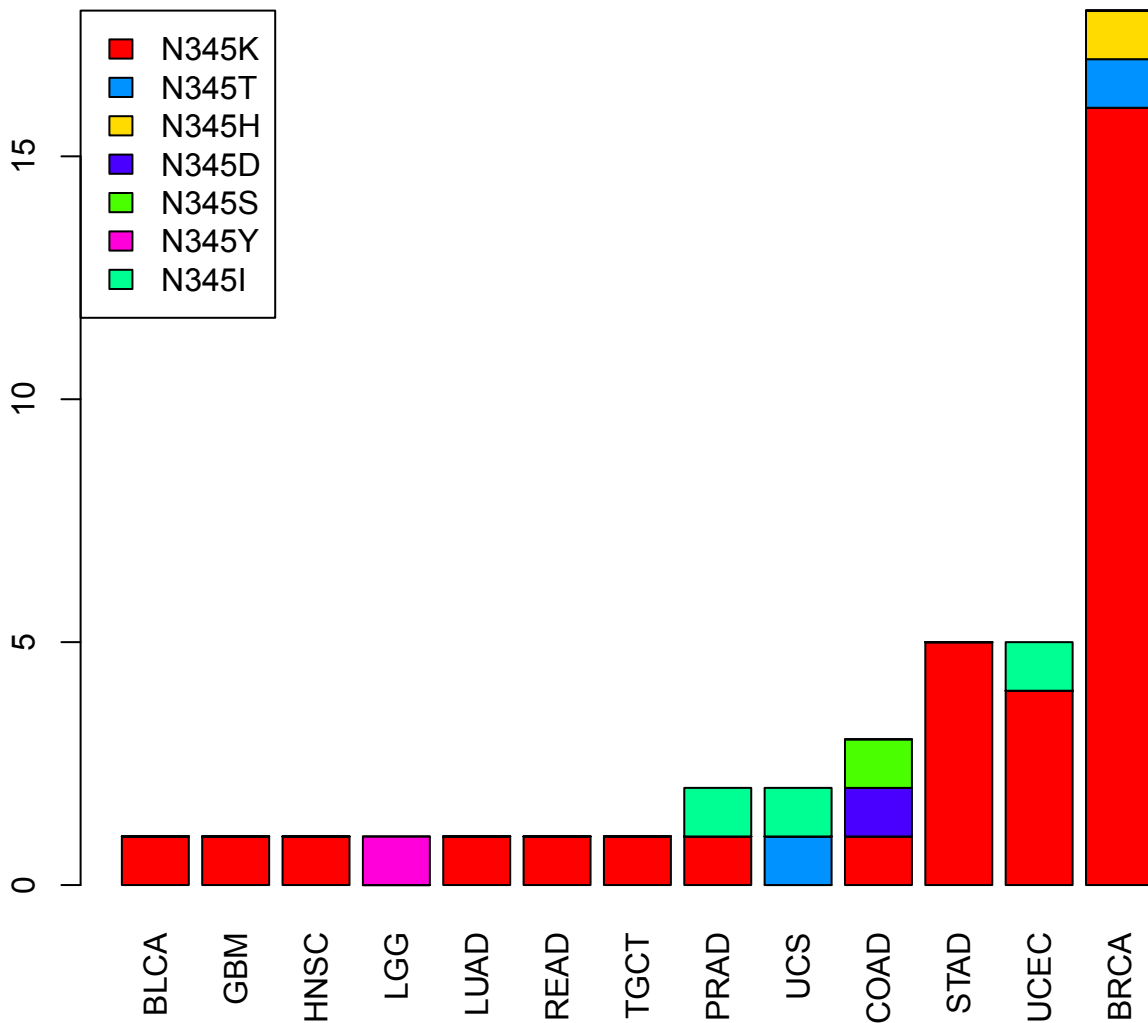
Proportional view of allele breakdown of PIK3CA **Q546** mutations



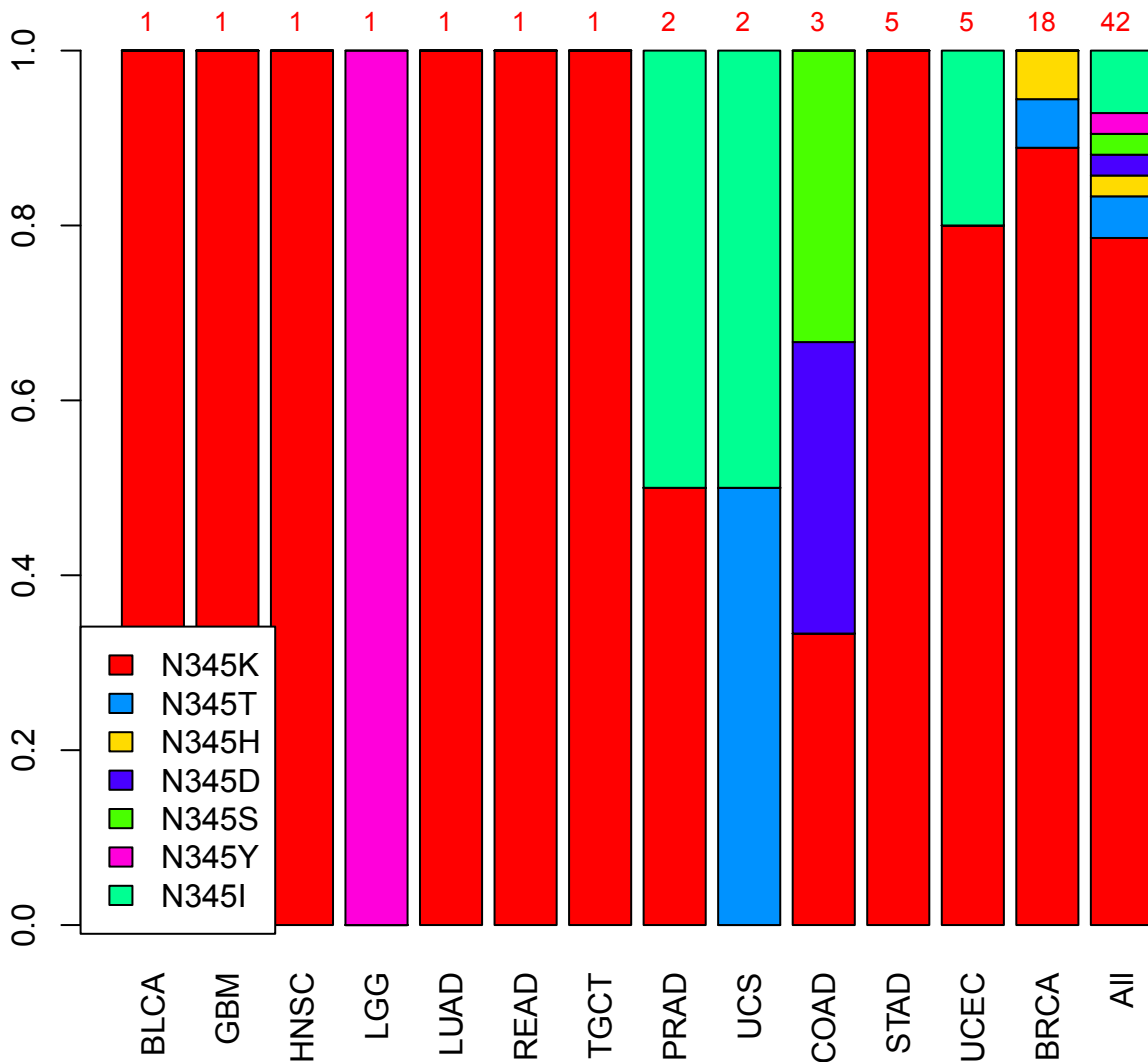
Total number of PIK3CA N345 mutations in different cancer types



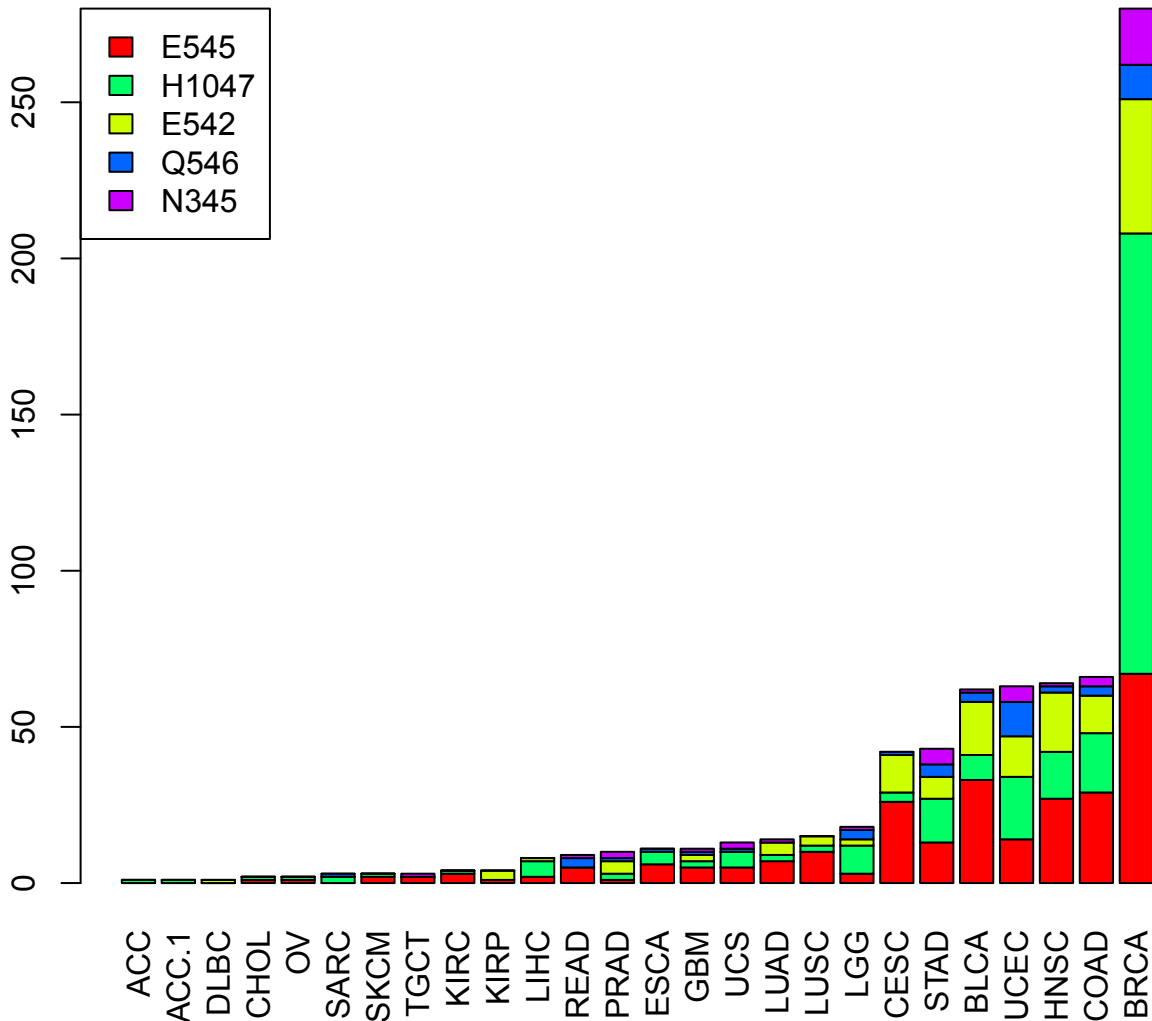
Mutated allele breakdown for PIK3CA N345 mutations



Proportional view of allele breakdown of PIK3CA N345 mutations



Positional breakdown of PIK3CA mutations across cancer types



Proportional position breakdown of PIK3CA mutations

