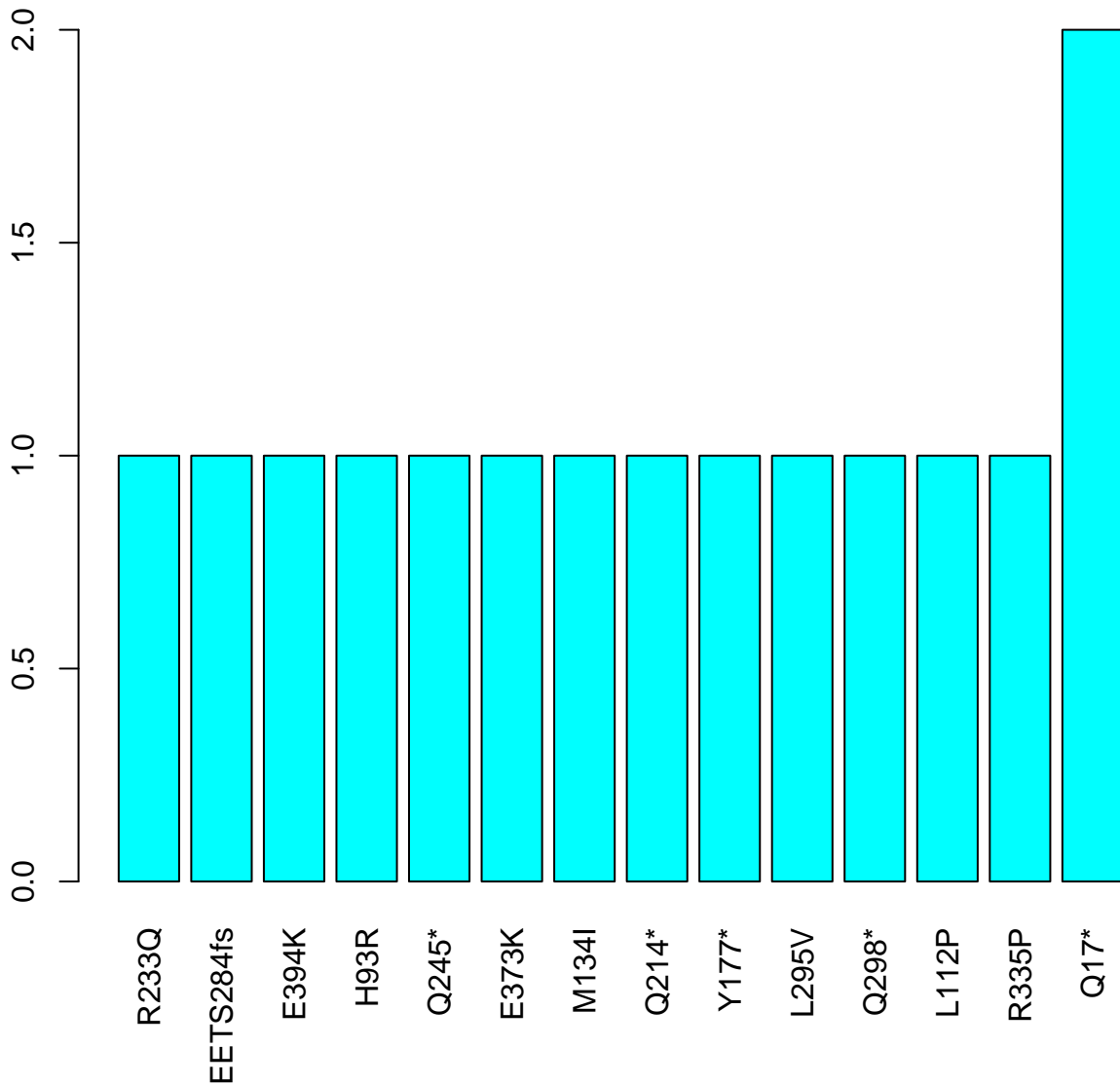


Table of TCGA Cancer Codes

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

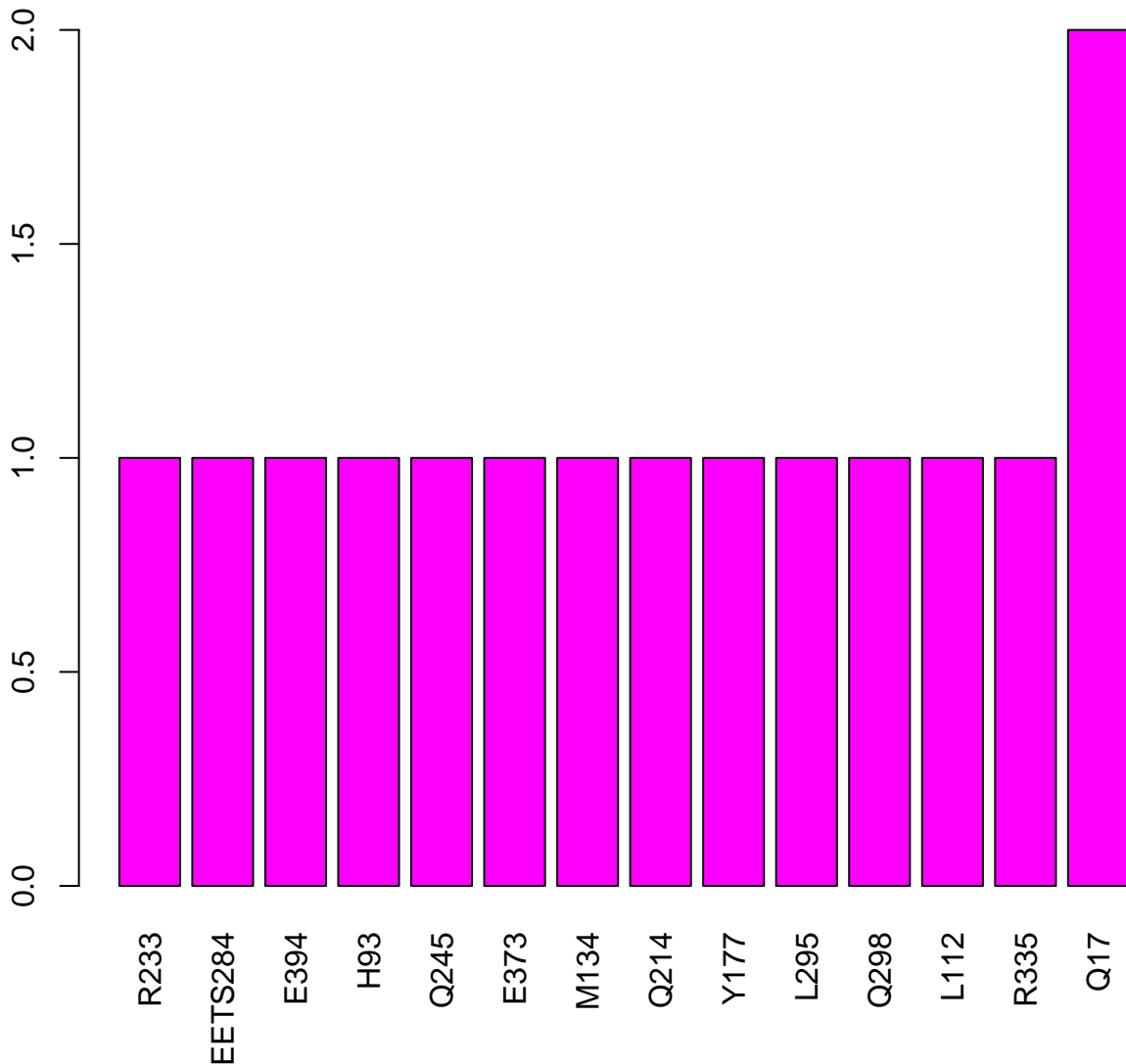
*Number of samples with mutation data

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



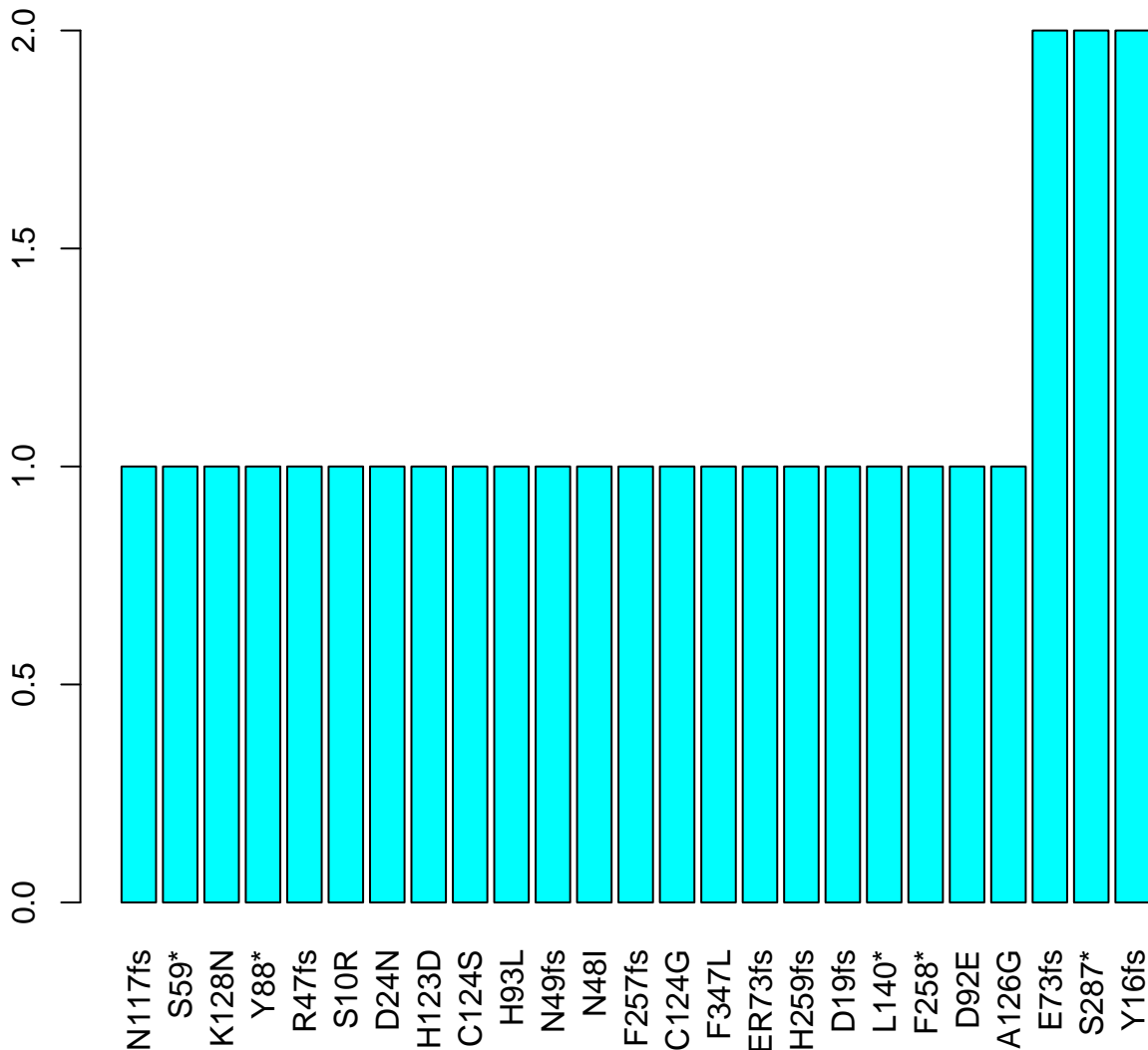
NbrSamples=396 Mutant Samples=14 Total Mutations=15

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



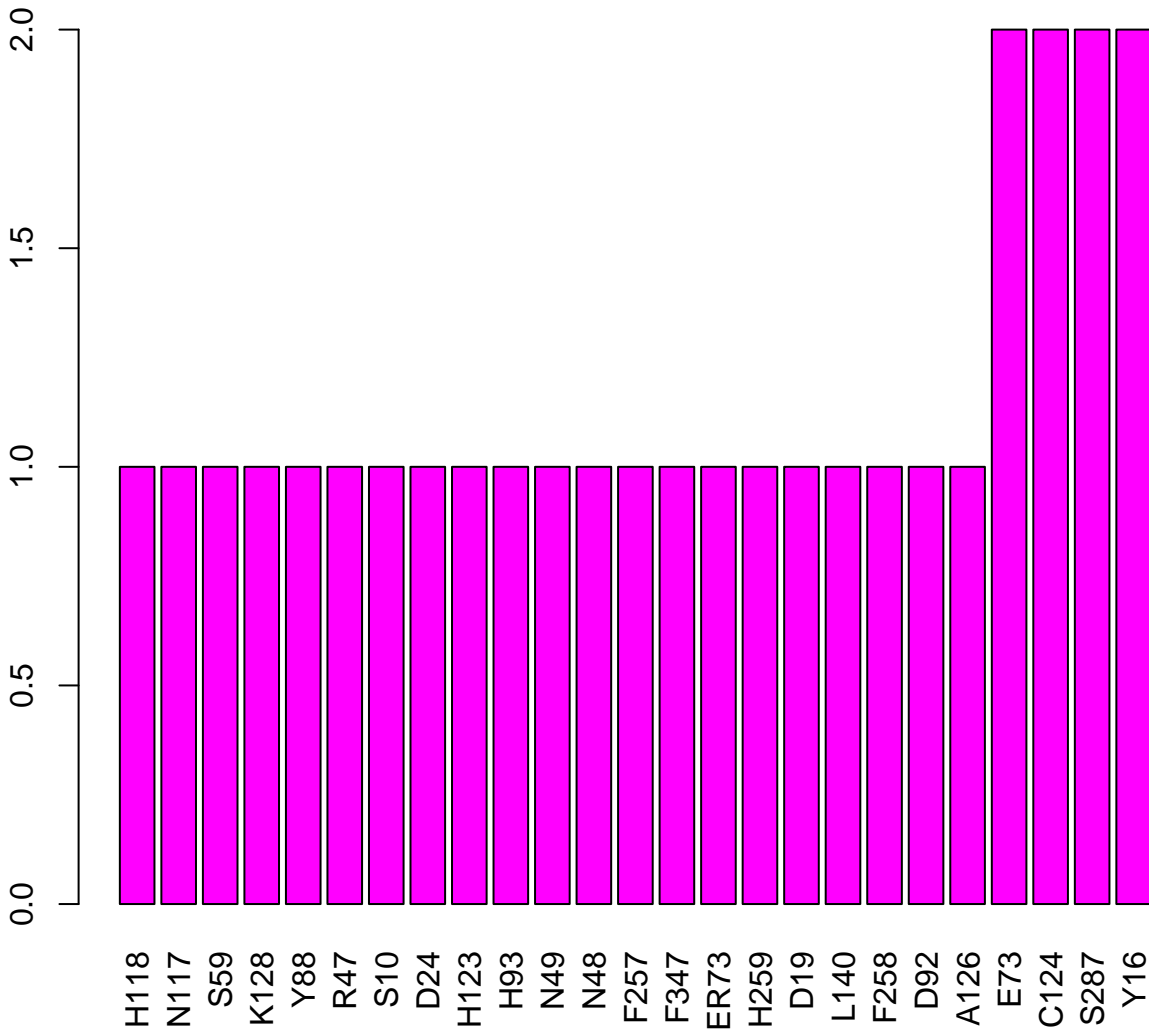
NbrSamples=396 Mutant Samples=14 Total Mutations=15

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



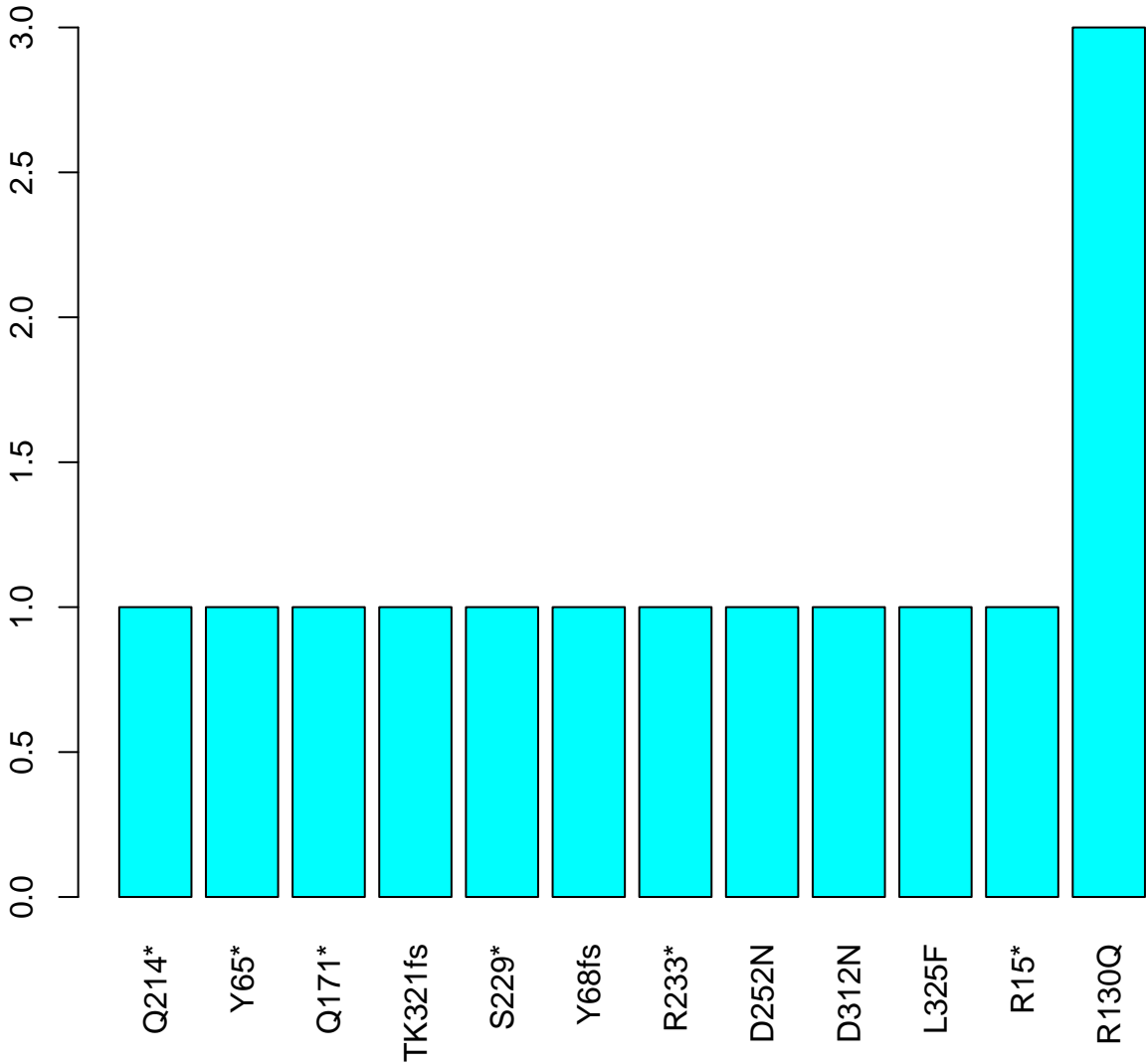
NbrSamples=988 Mutant Samples=36 Total Mutations=35(7 not shown)

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



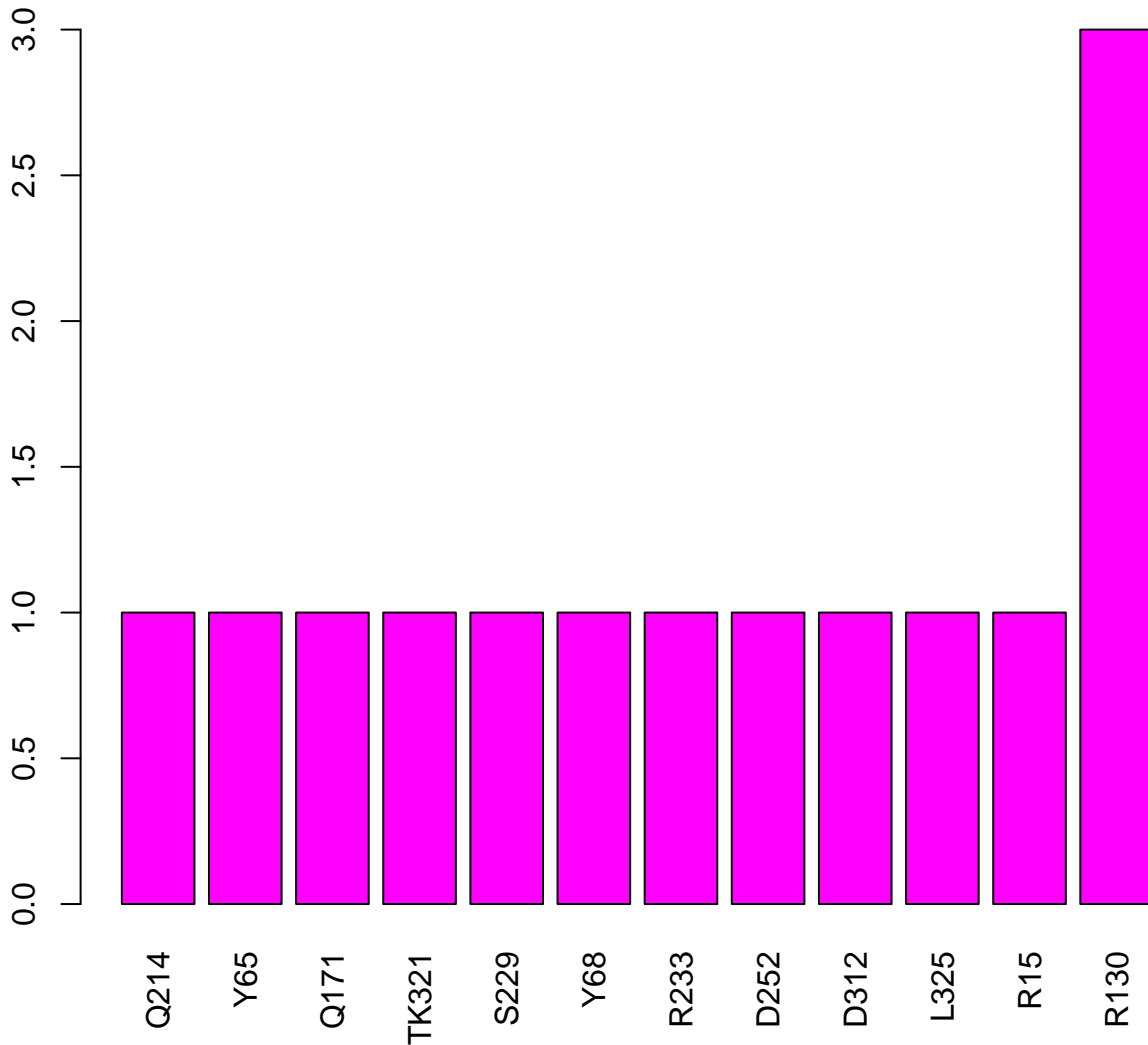
NbrSamples=988 Mutant Samples=36 Total Mutations=35 (6 not shown)

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



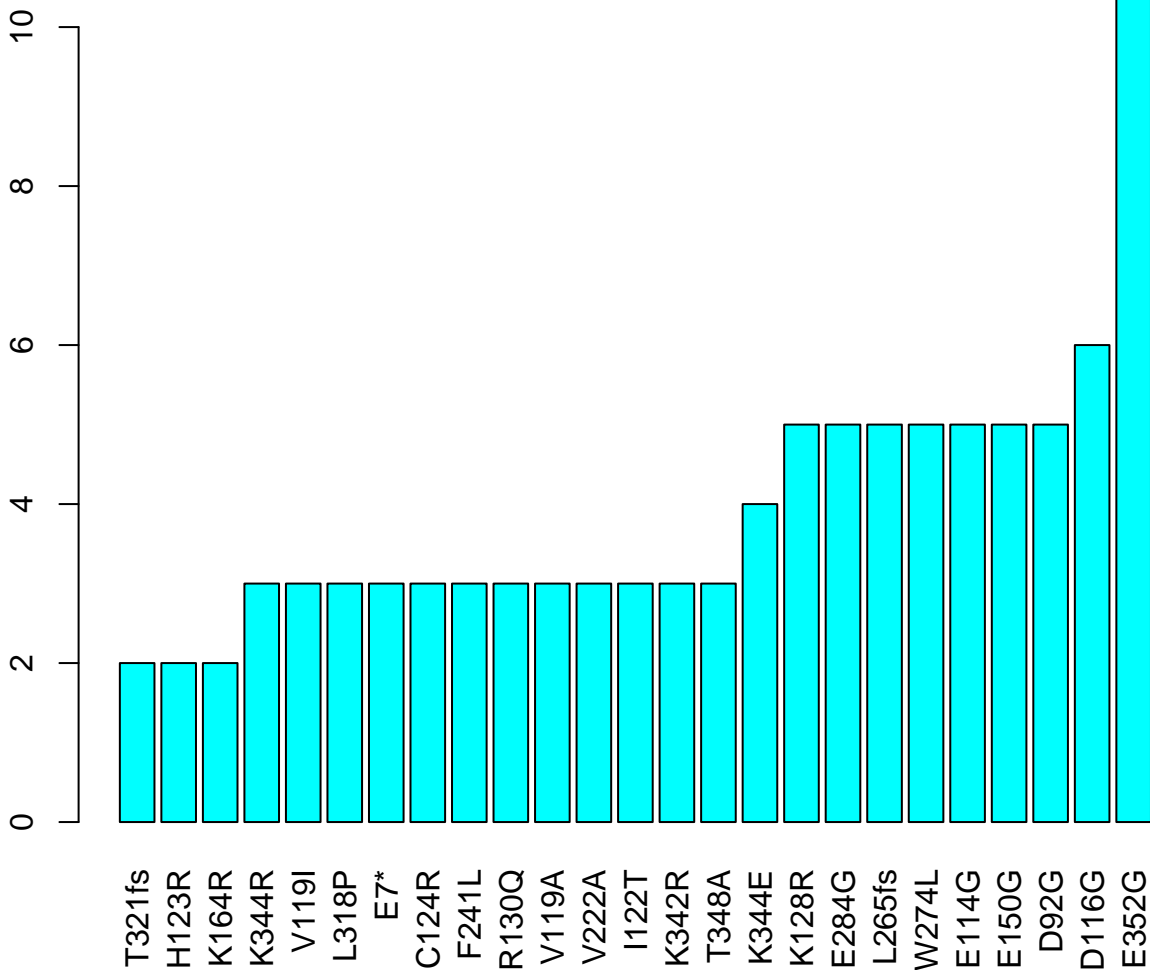
NbrSamples=194 Mutant Samples=15 Total Mutations=14

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



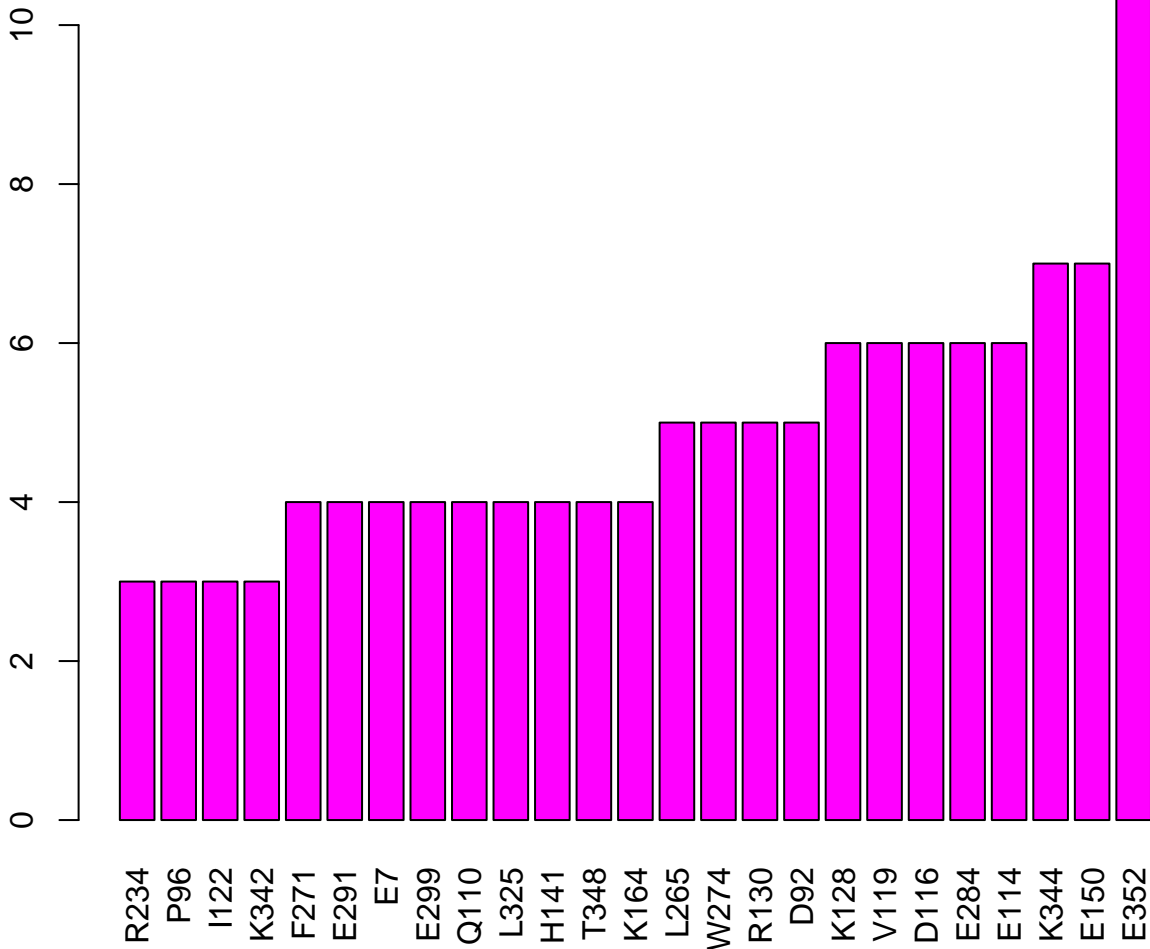
NbrSamples=194 Mutant Samples=15 Total Mutations=14

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



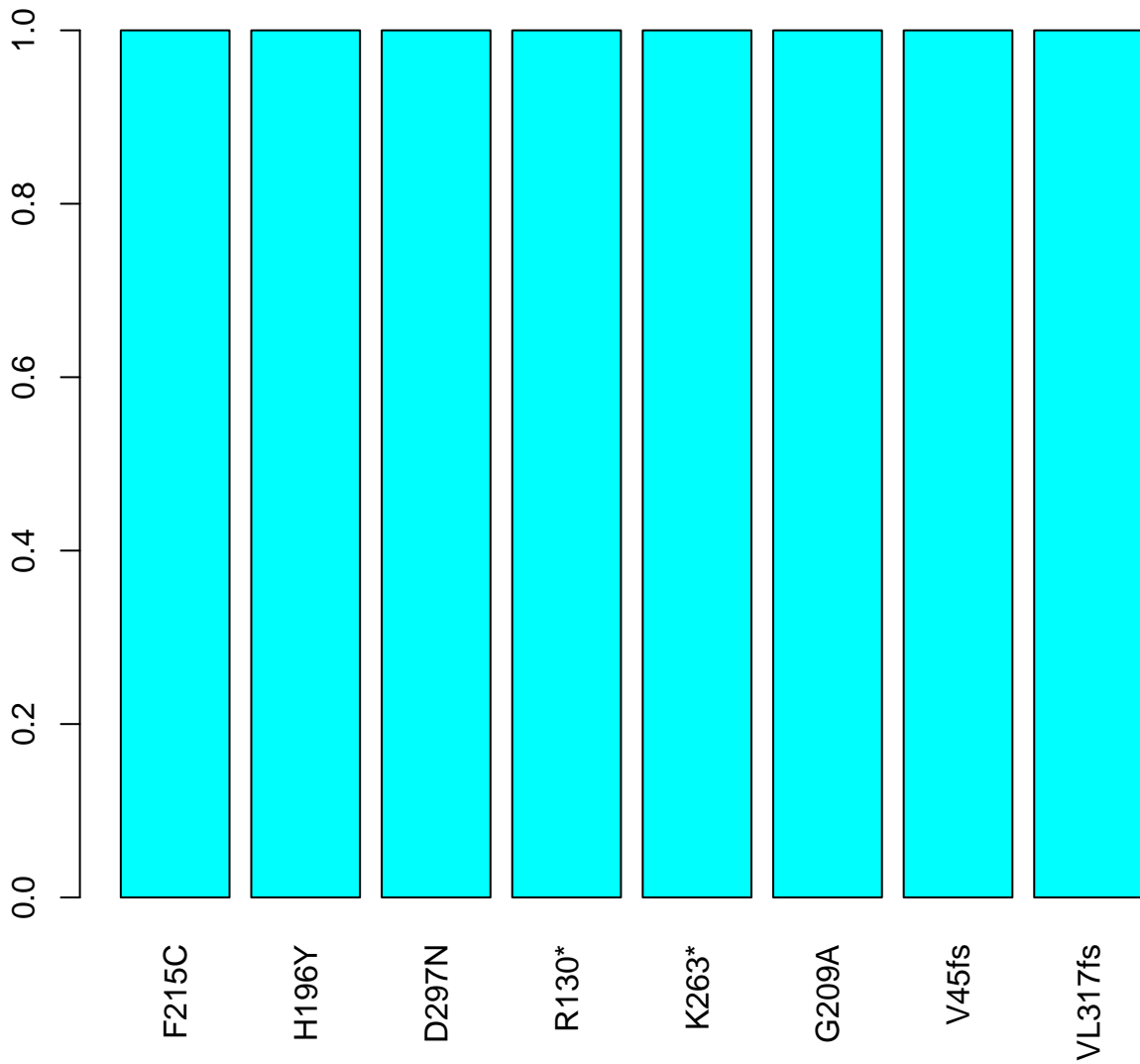
NbrSamples=367 Mutant Samples=153 Total Mutations=284(186 not shown)

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



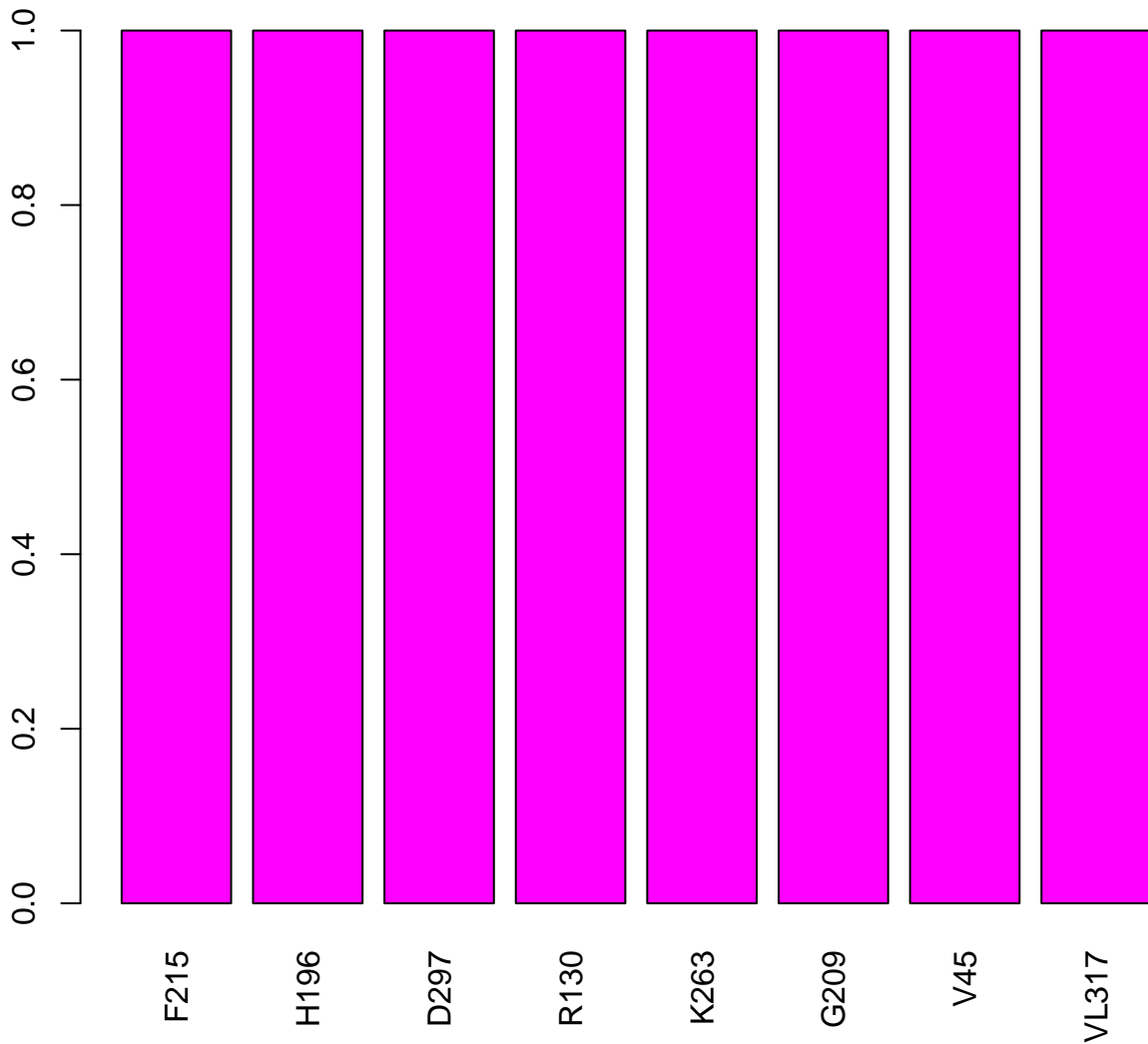
NbrSamples=367 Mutant Samples=153 Total Mutations=284 (161 not shown)

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



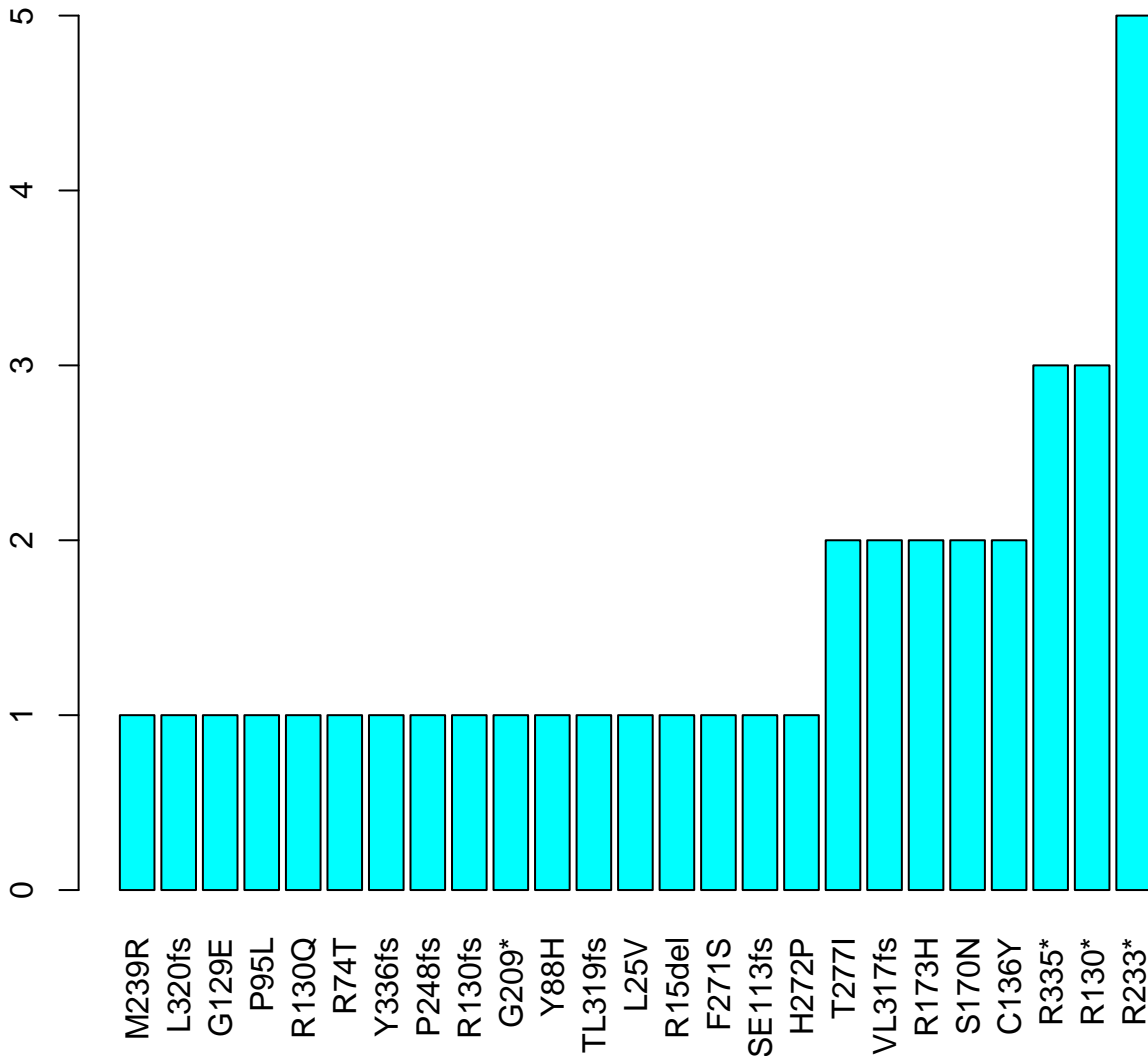
NbrSamples=185 Mutant Samples=7 Total Mutations=8

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



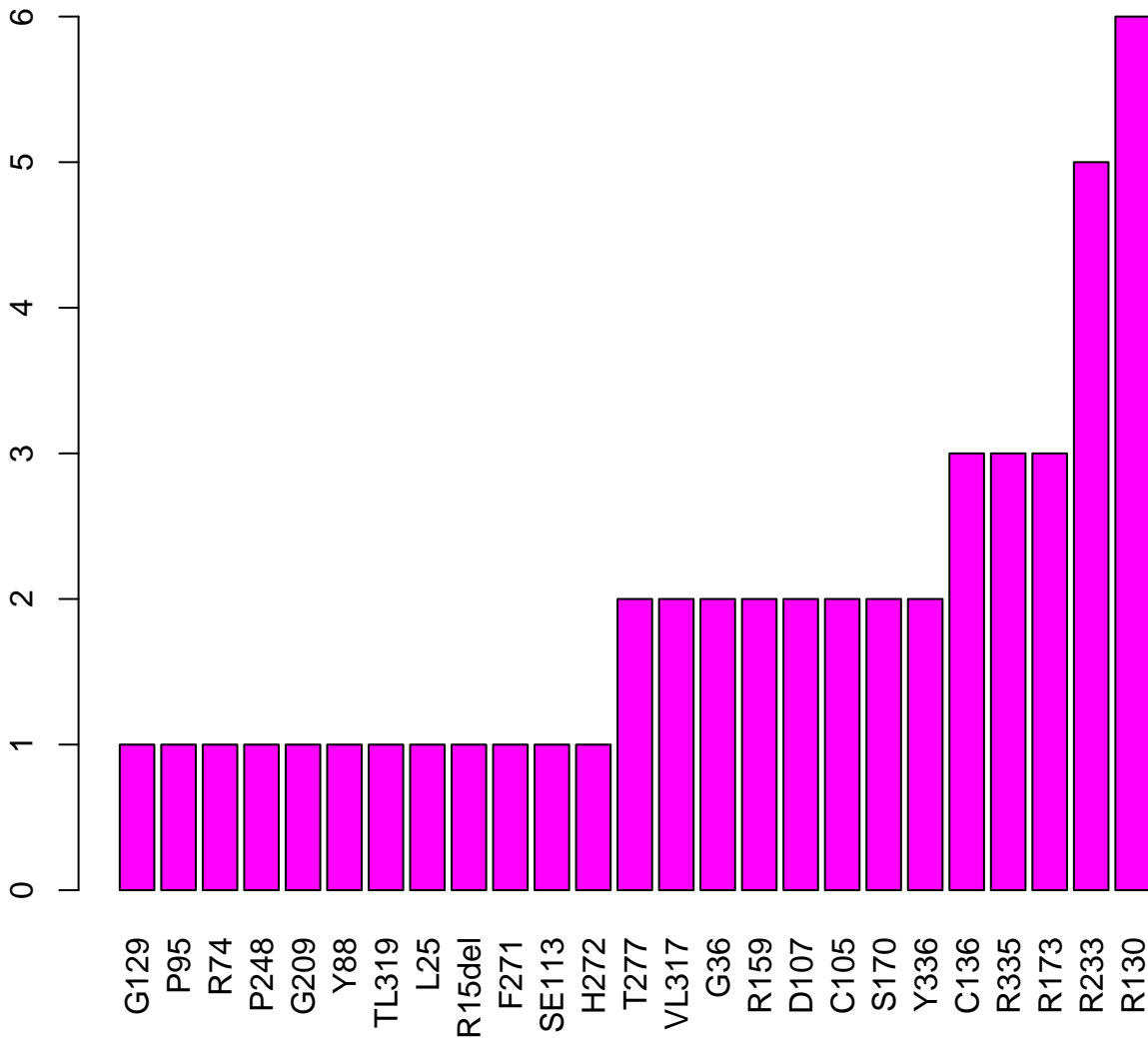
NbrSamples=185 Mutant Samples=7 Total Mutations=8

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



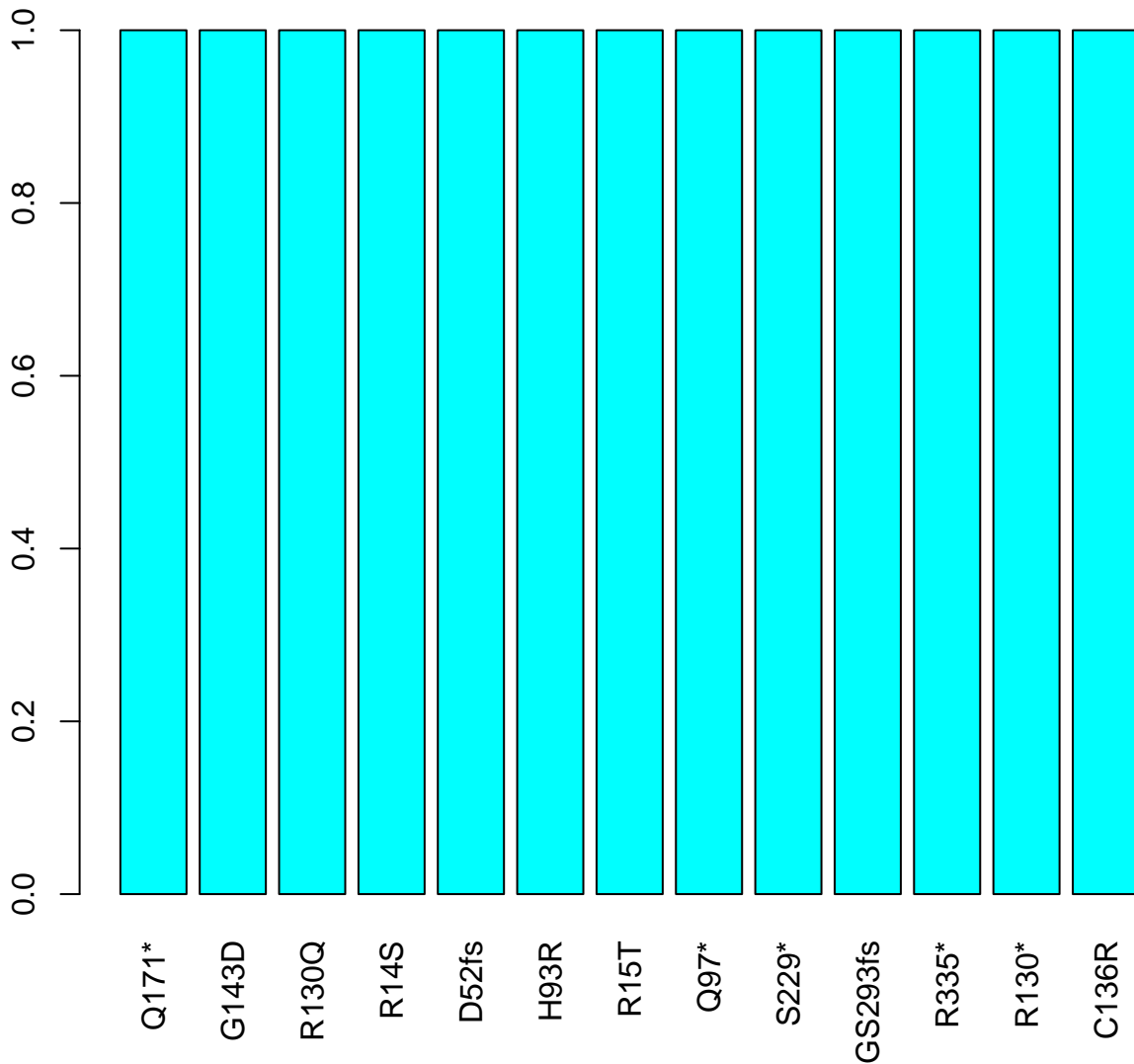
NbrSamples=290 Mutant Samples=89 Total Mutations=86(48 not shown)

PTEN mutant **positions** in glioblastoma multiforme (N=290), **top 25**



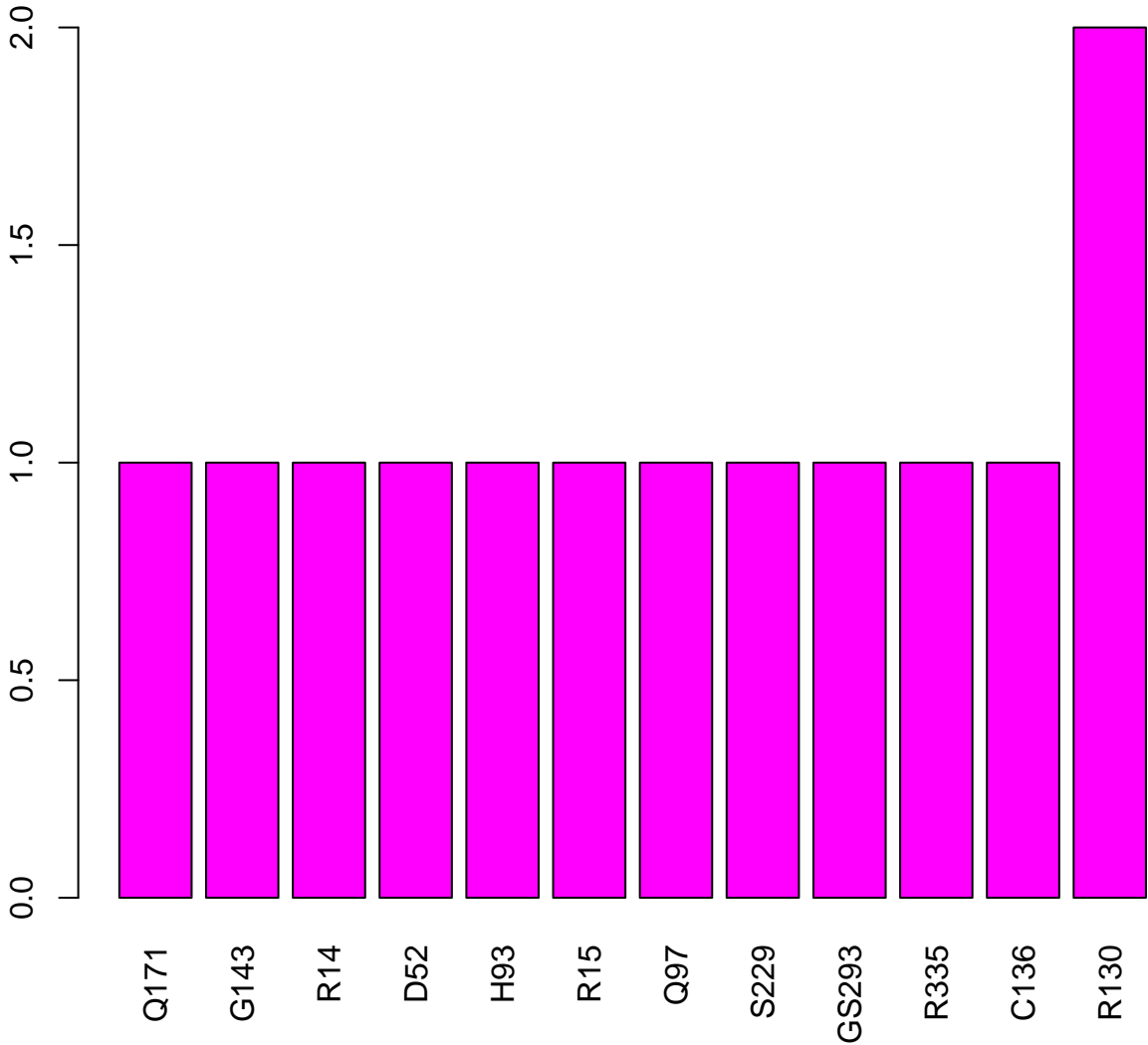
NbrSamples=290 Mutant Samples=89 Total Mutations=86 (38 not shown)

PTEN mutant **alleles** in **head and neck** squamous cell carcinoma (N=513)



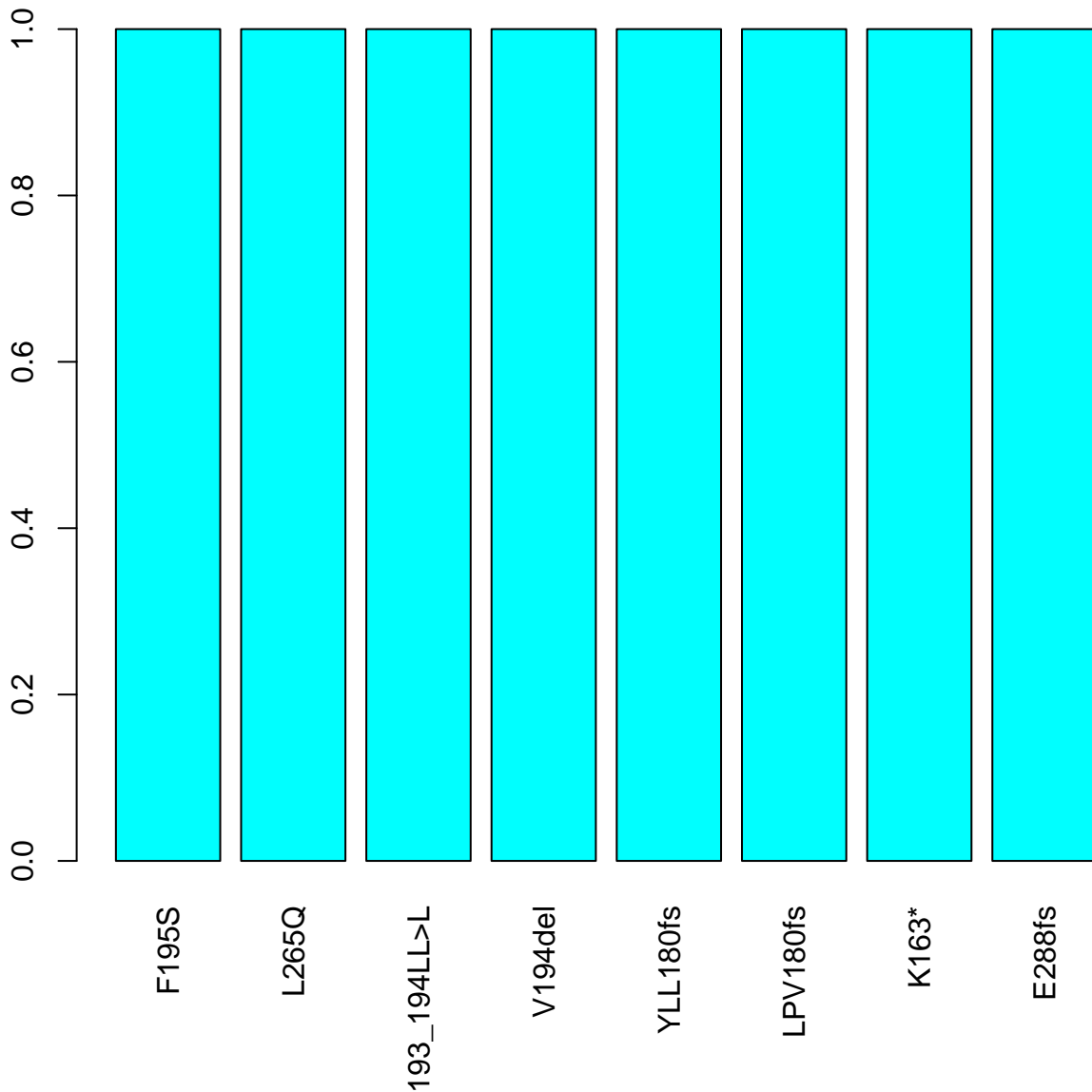
NbrSamples=513 Mutant Samples=14 Total Mutations=13

PTEN mutant **positions** in **head and neck** squamous cell carcinoma (N=513)



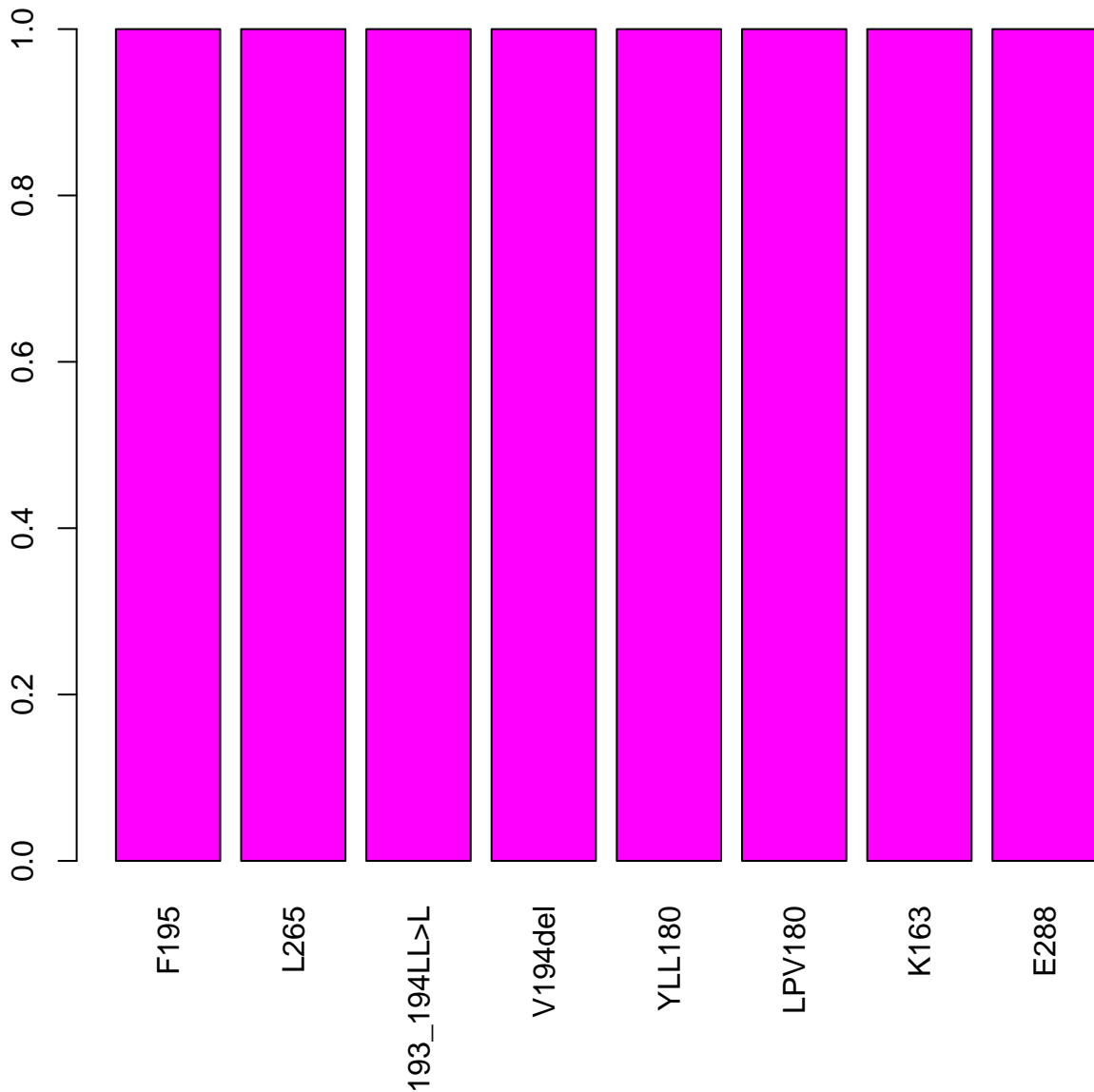
NbrSamples=513 Mutant Samples=14 Total Mutations=13

PTEN mutant **alleles** in kidney **chromophobe** (N=66)



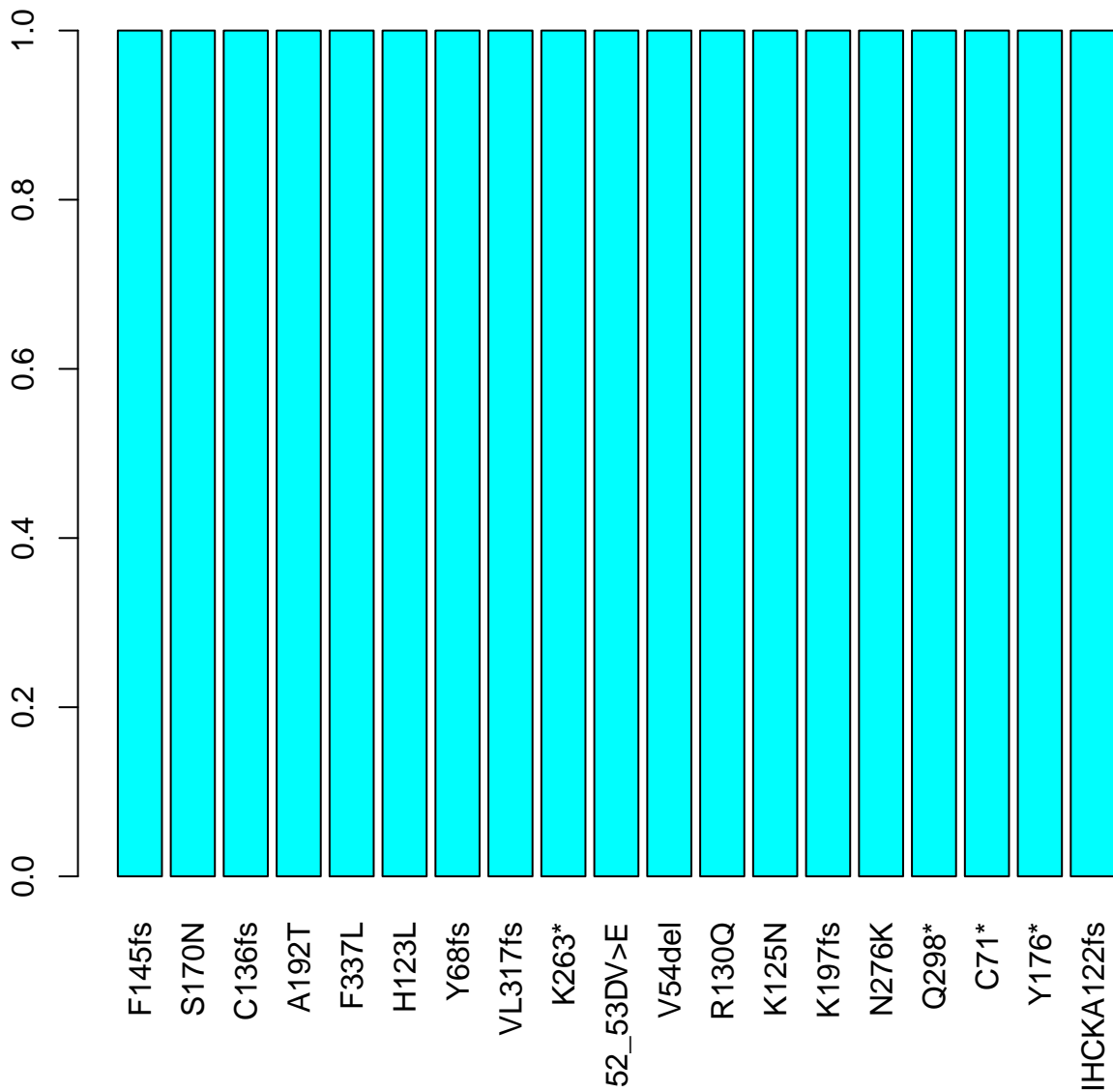
NbrSamples=66 Mutant Samples=6 Total Mutations=8

PTEN mutant **positions** in kidney **chromophobe** (N=66)



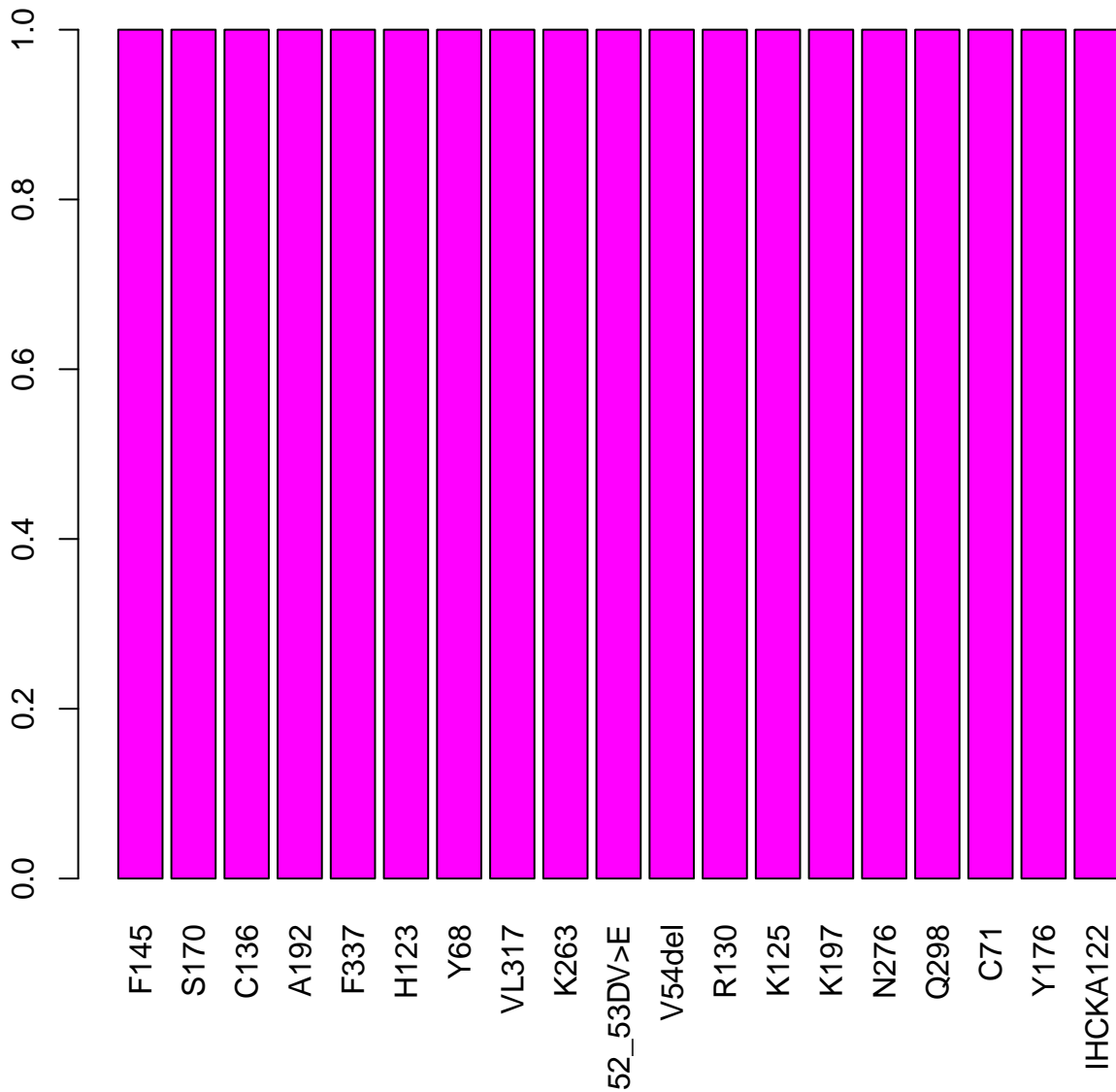
NbrSamples=66 Mutant Samples=6 Total Mutations=8

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



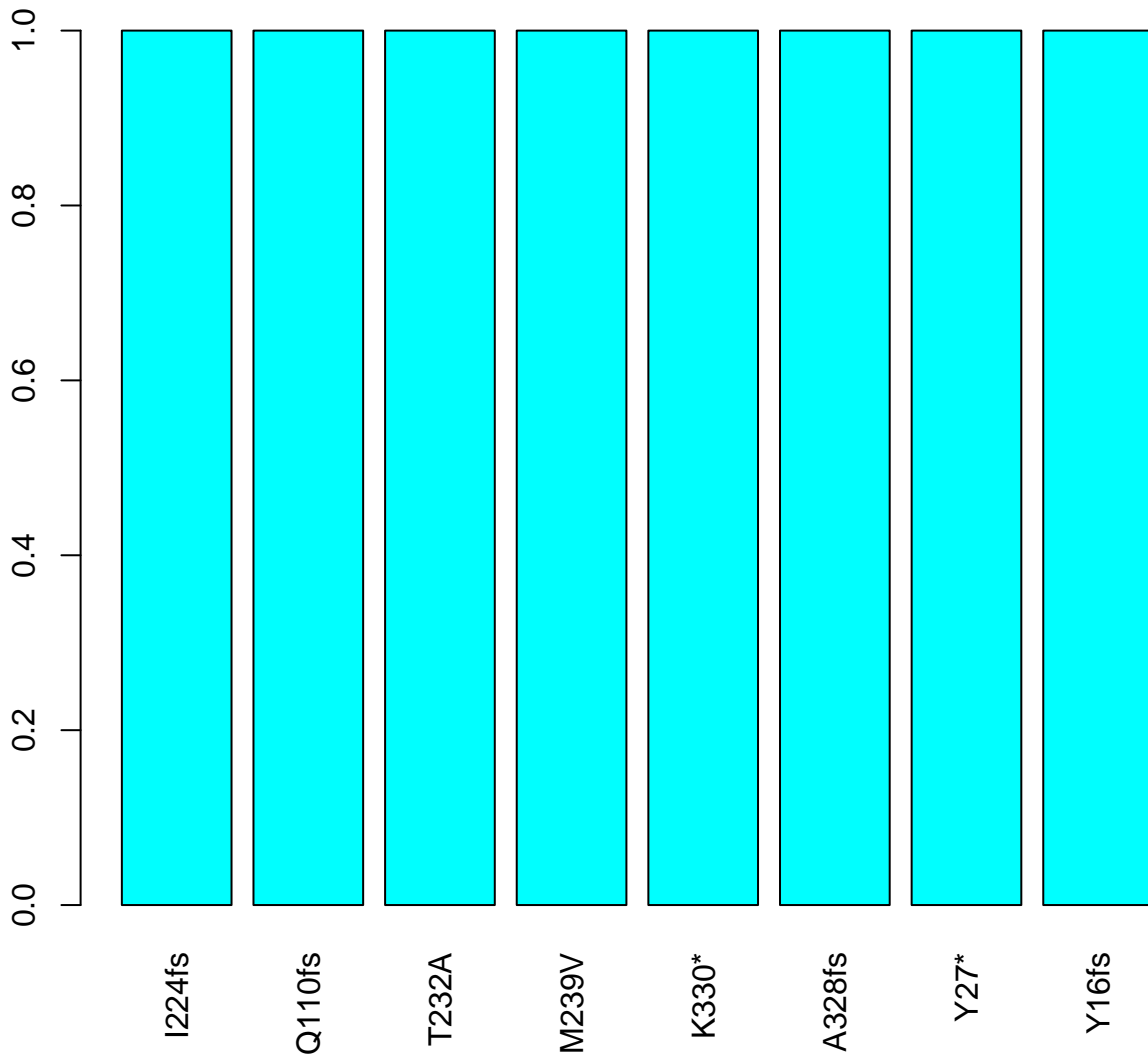
NbrSamples=451 Mutant Samples=19 Total Mutations=19

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



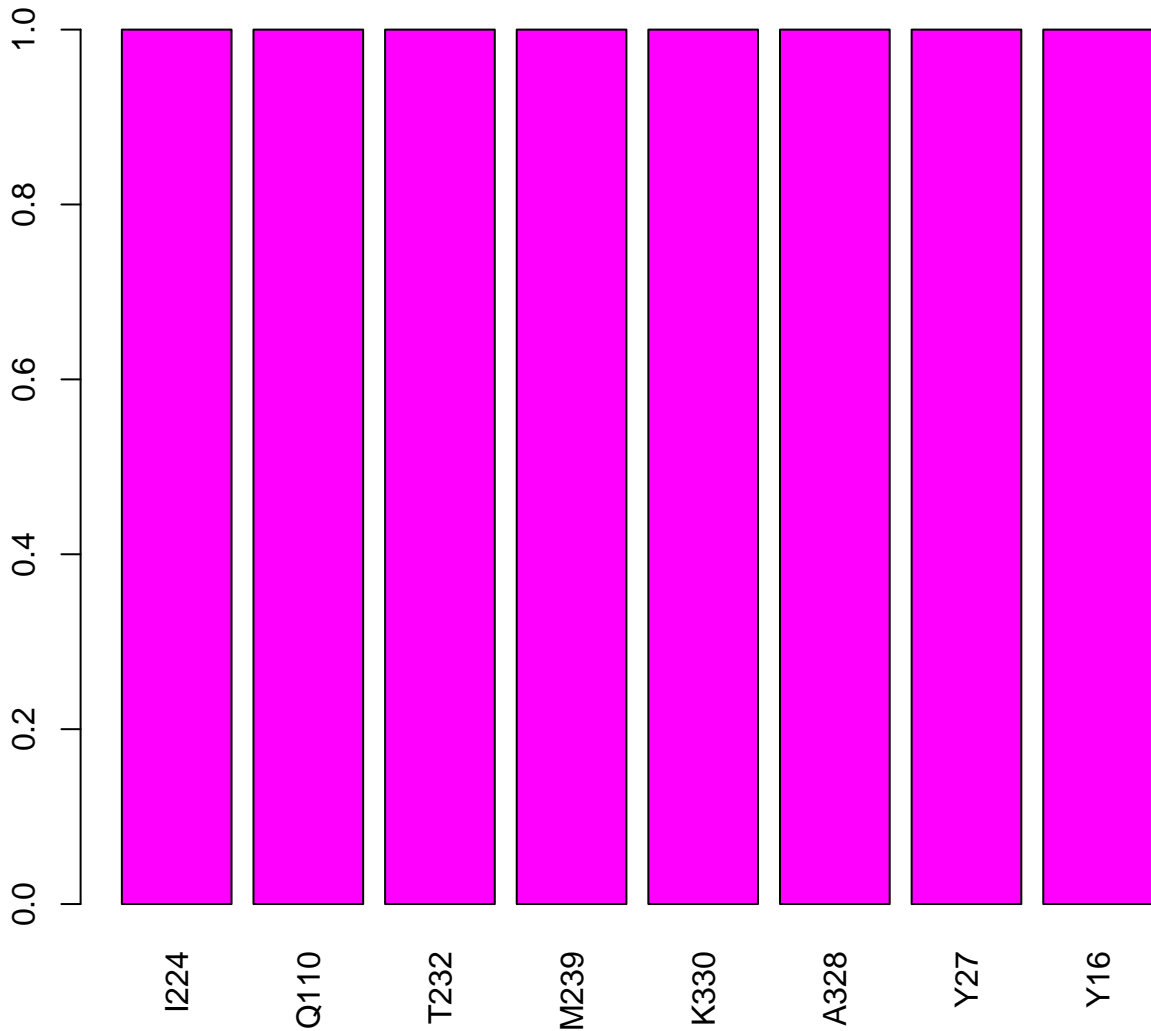
NbrSamples=451 Mutant Samples=19 Total Mutations=19

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



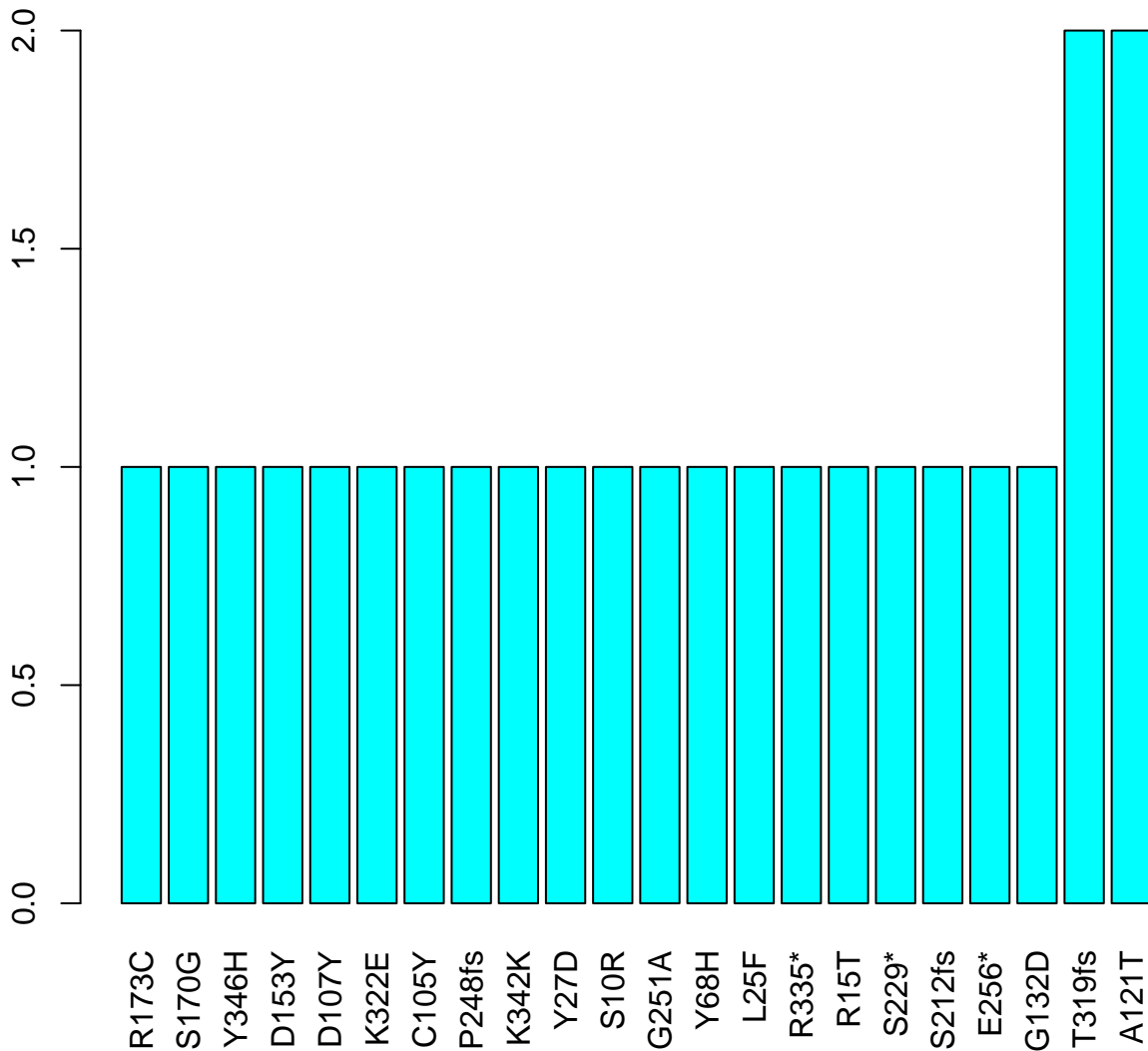
NbrSamples=282 Mutant Samples=7 Total Mutations=8

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



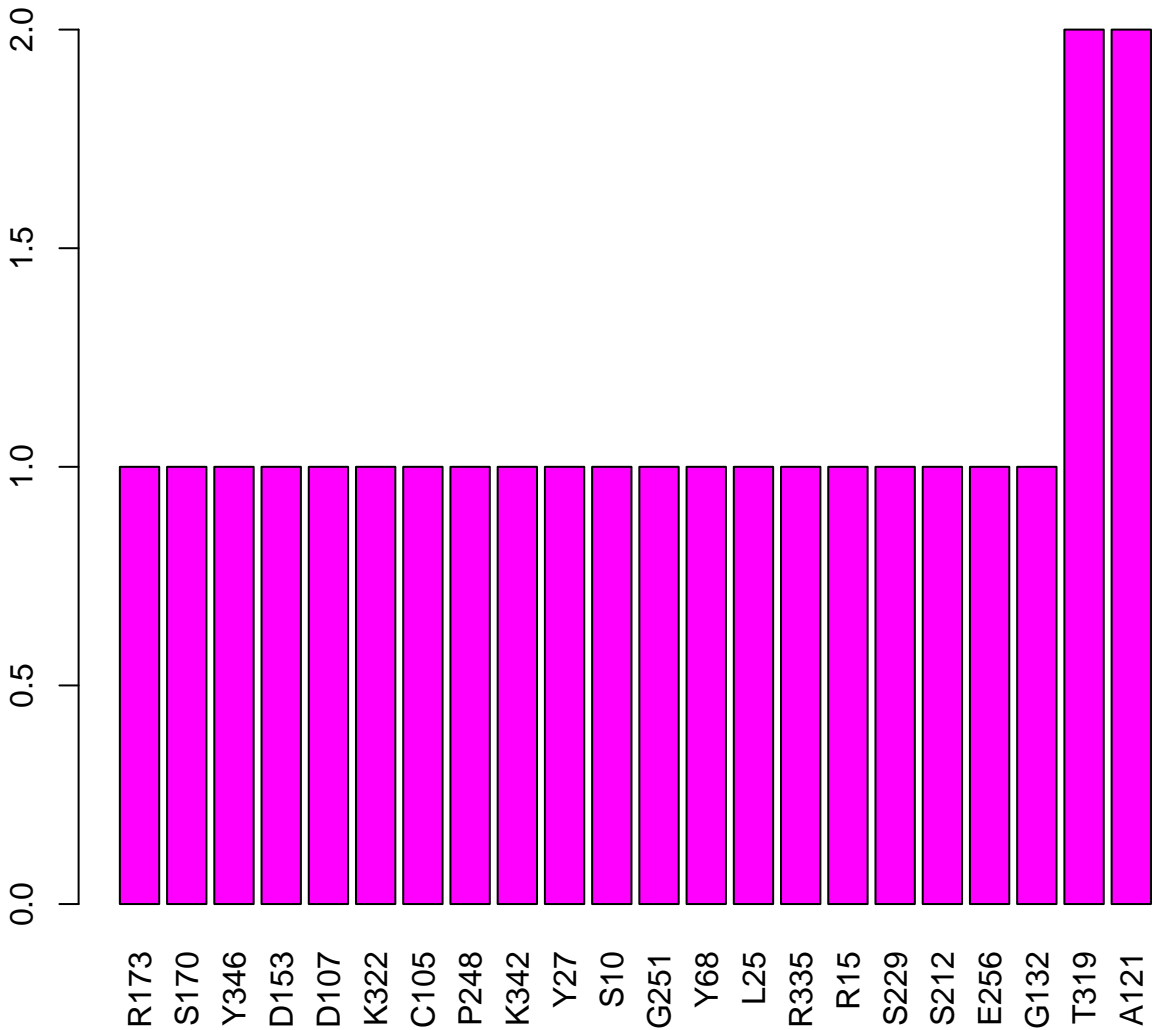
NbrSamples=282 Mutant Samples=7 Total Mutations=8

PTEN mutant **alleles** in brain lower grade **glioma** (N=533)



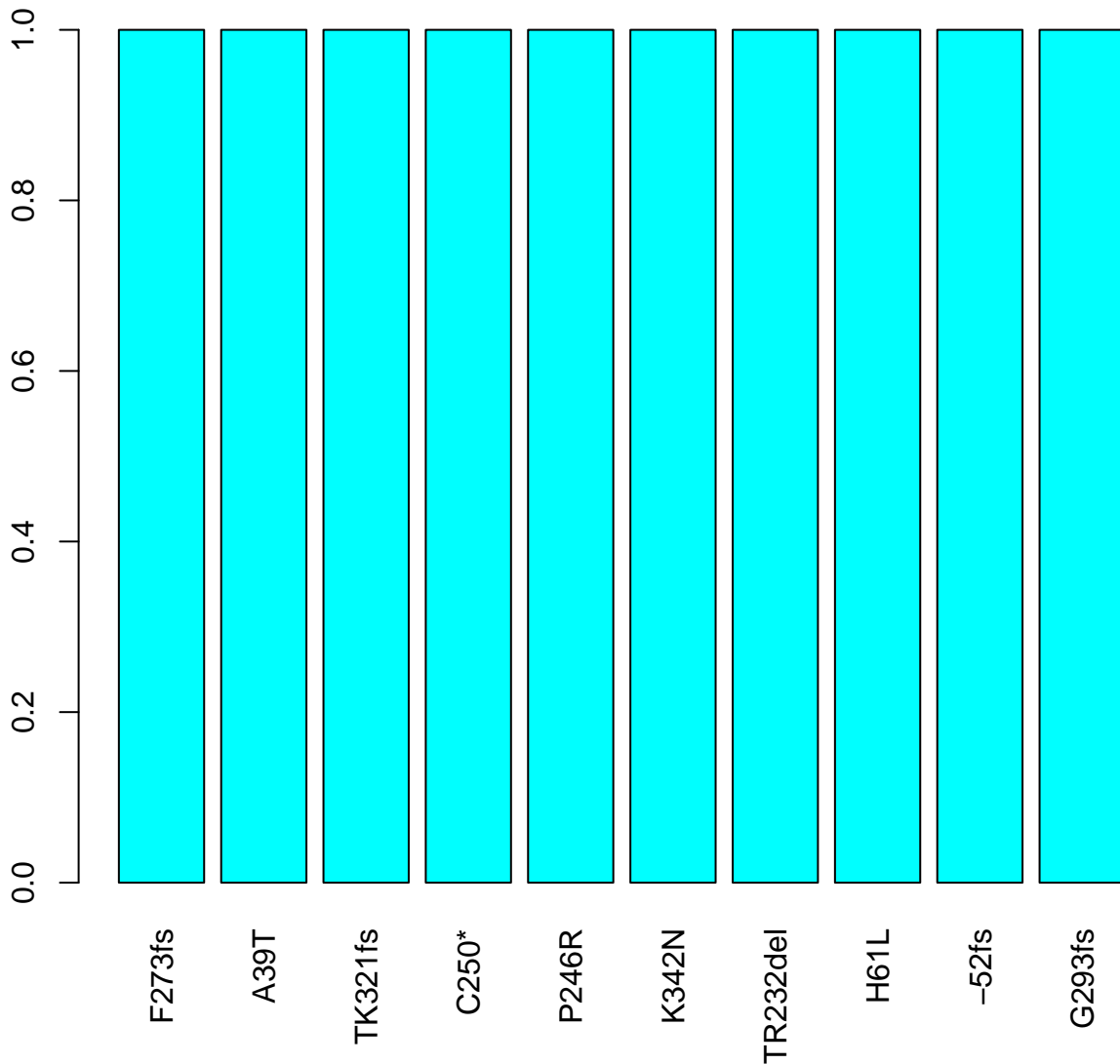
NbrSamples=533 Mutant Samples=24 Total Mutations=24

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



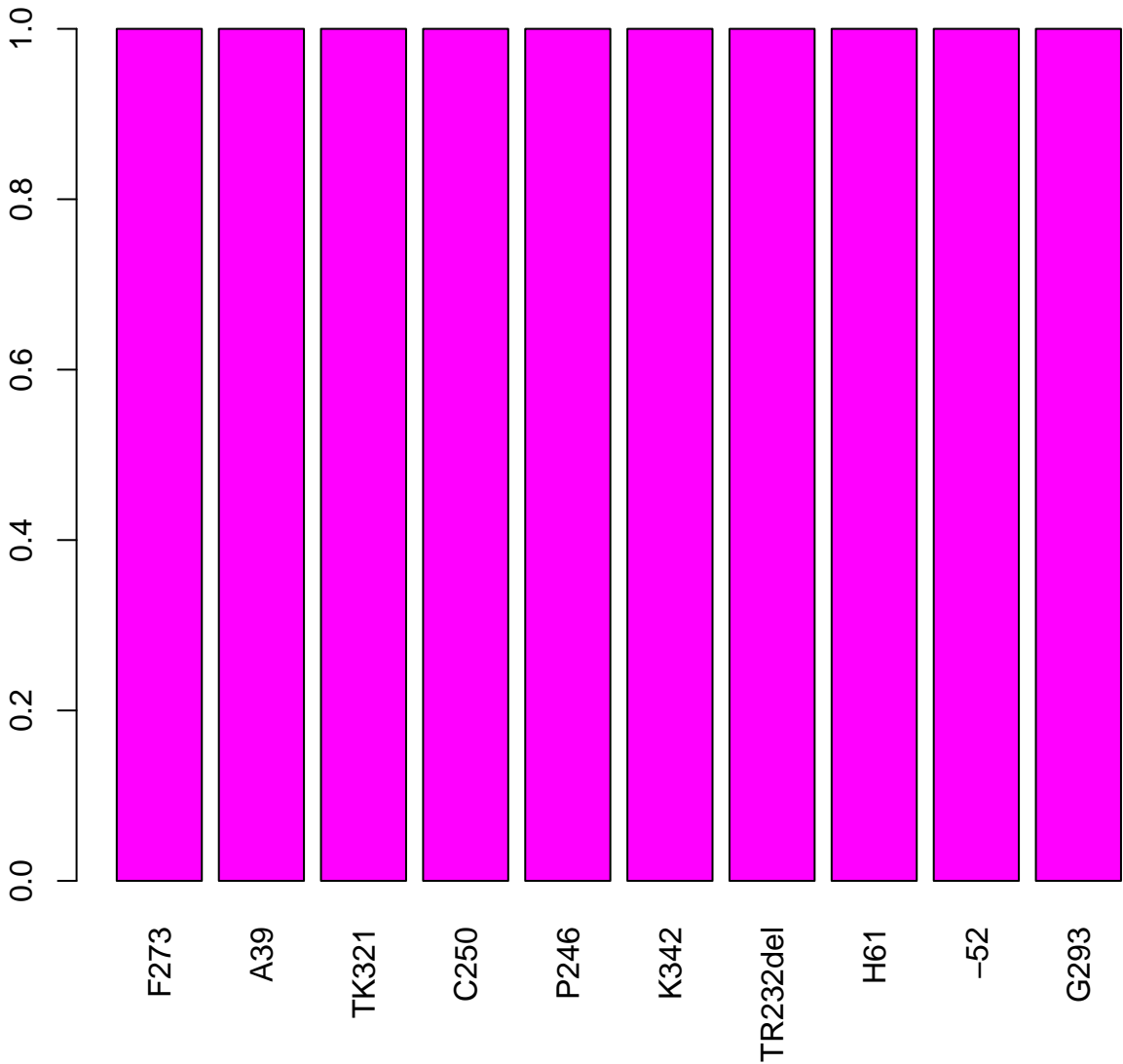
NbrSamples=533 Mutant Samples=24 Total Mutations=24

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



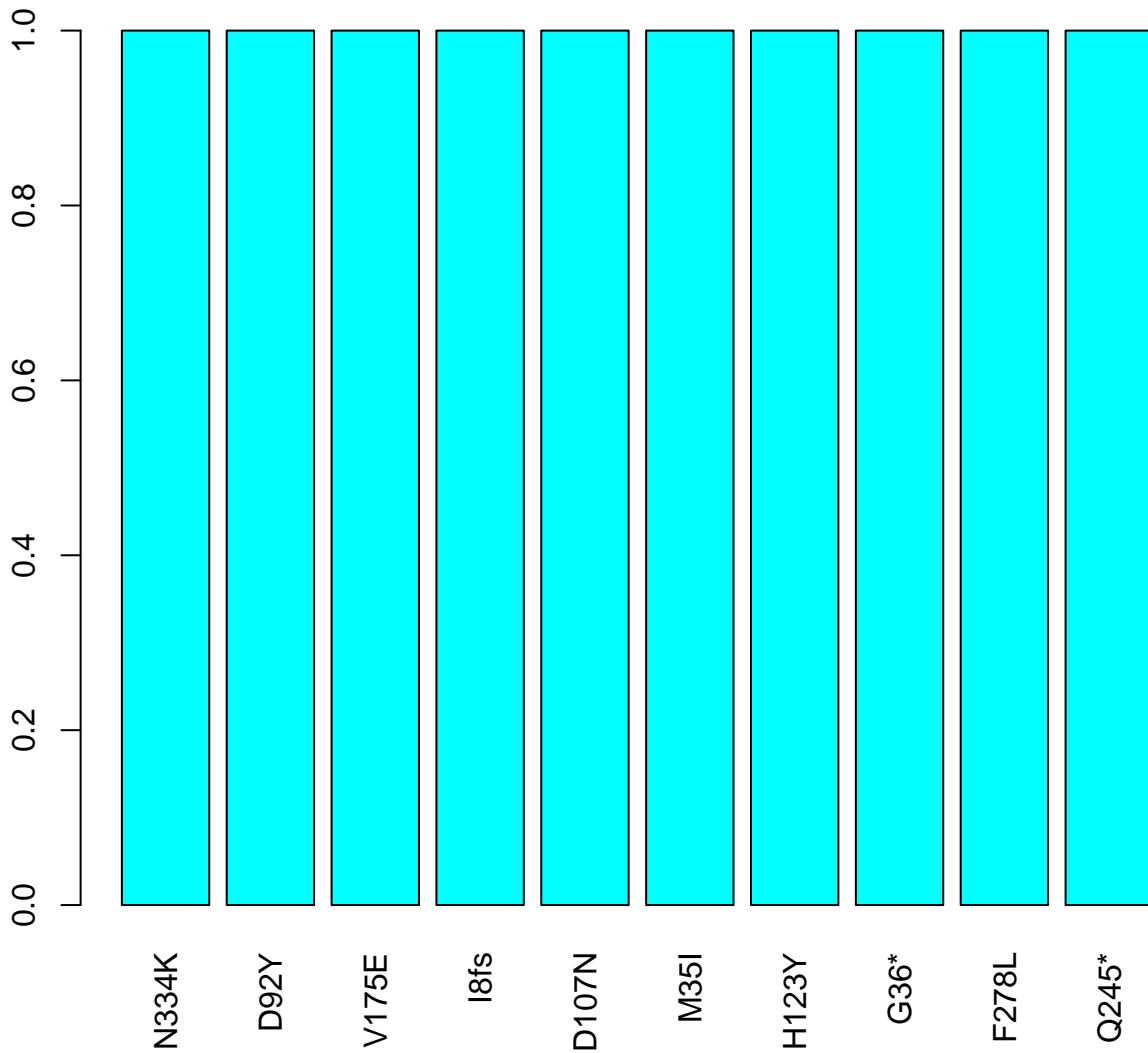
NbrSamples=373 Mutant Samples=11 Total Mutations=10

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



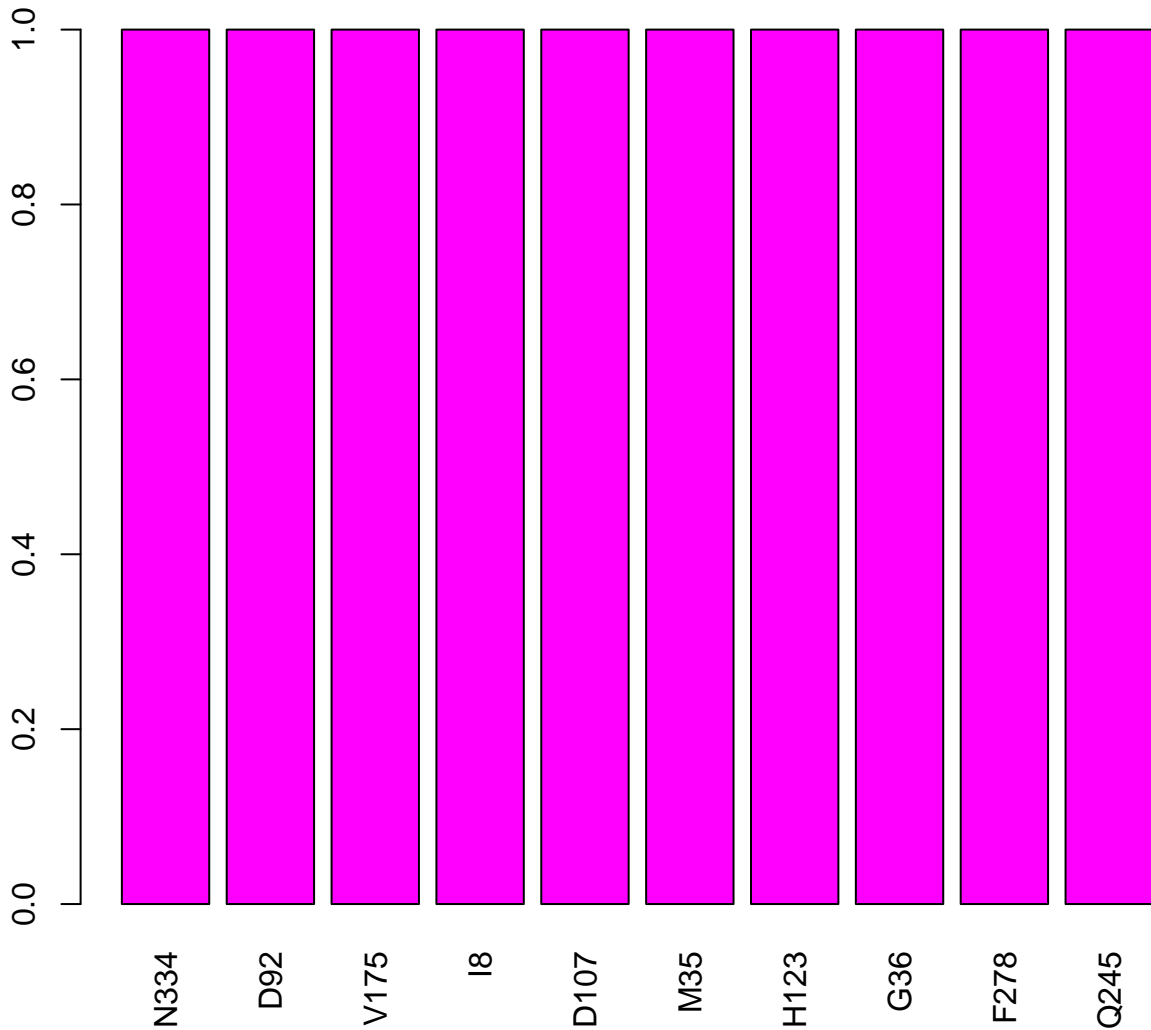
NbrSamples=373 Mutant Samples=11 Total Mutations=10

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



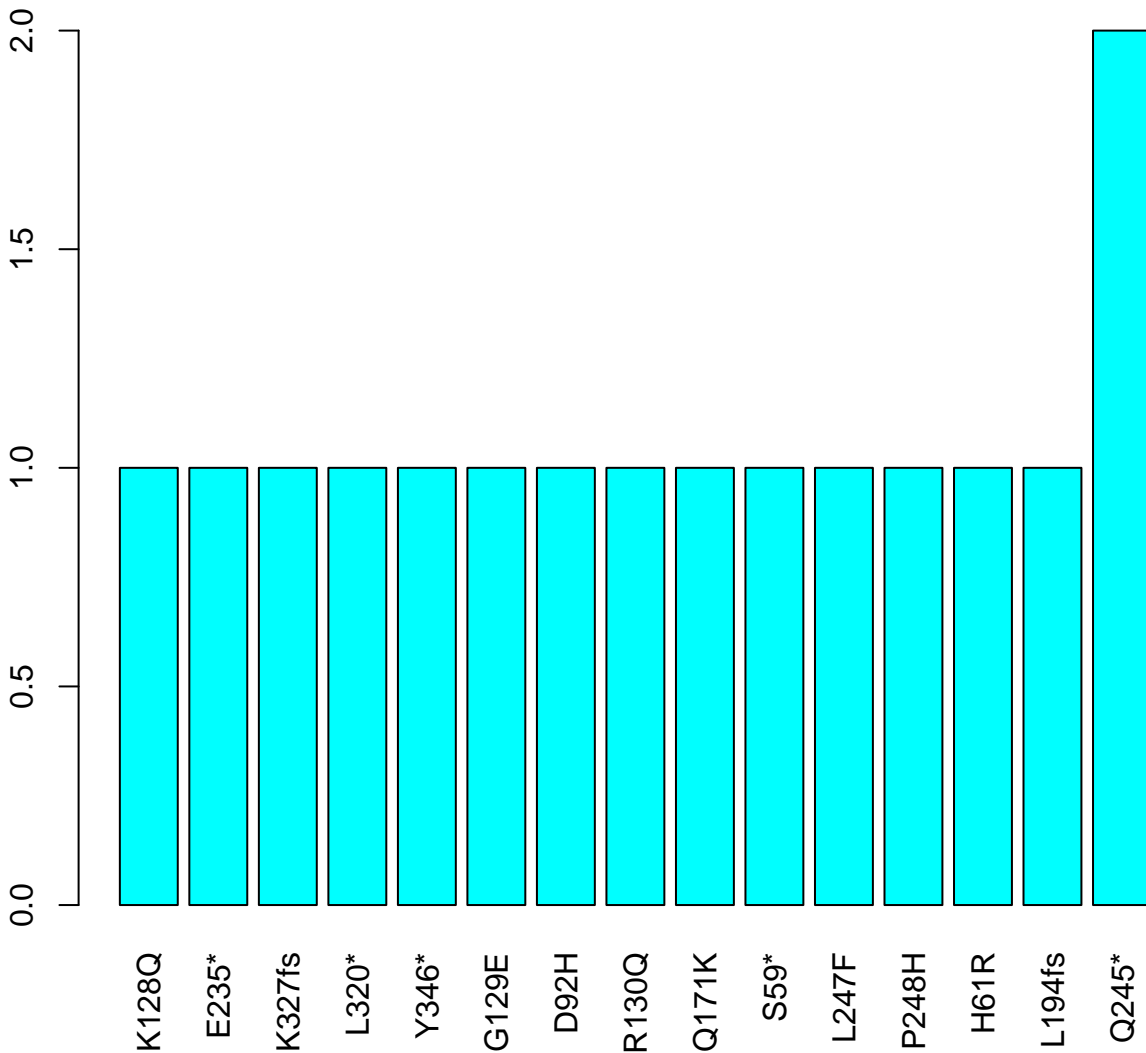
NbrSamples=546 Mutant Samples=10 Total Mutations=10

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



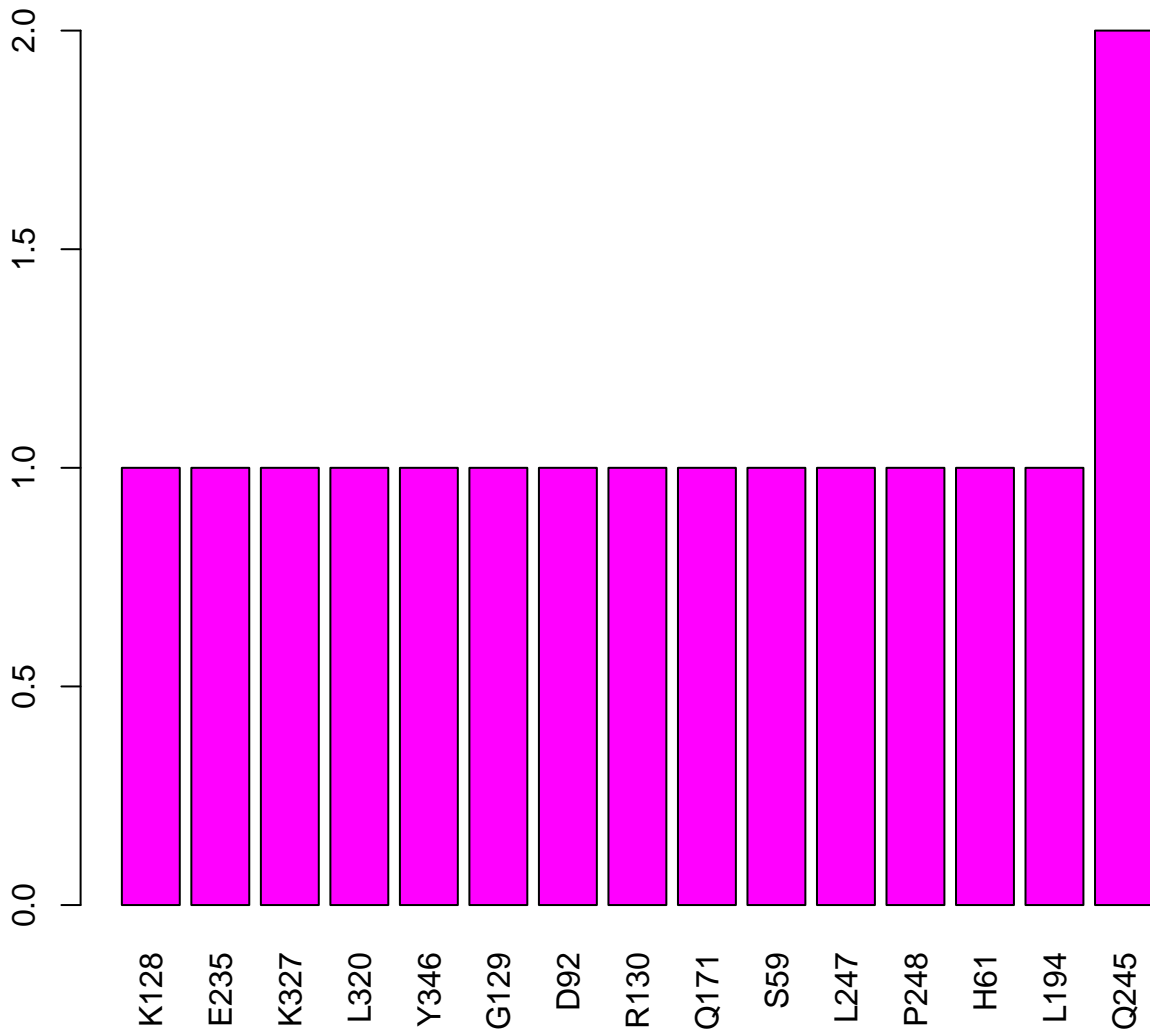
NbrSamples=546 Mutant Samples=10 Total Mutations=10

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



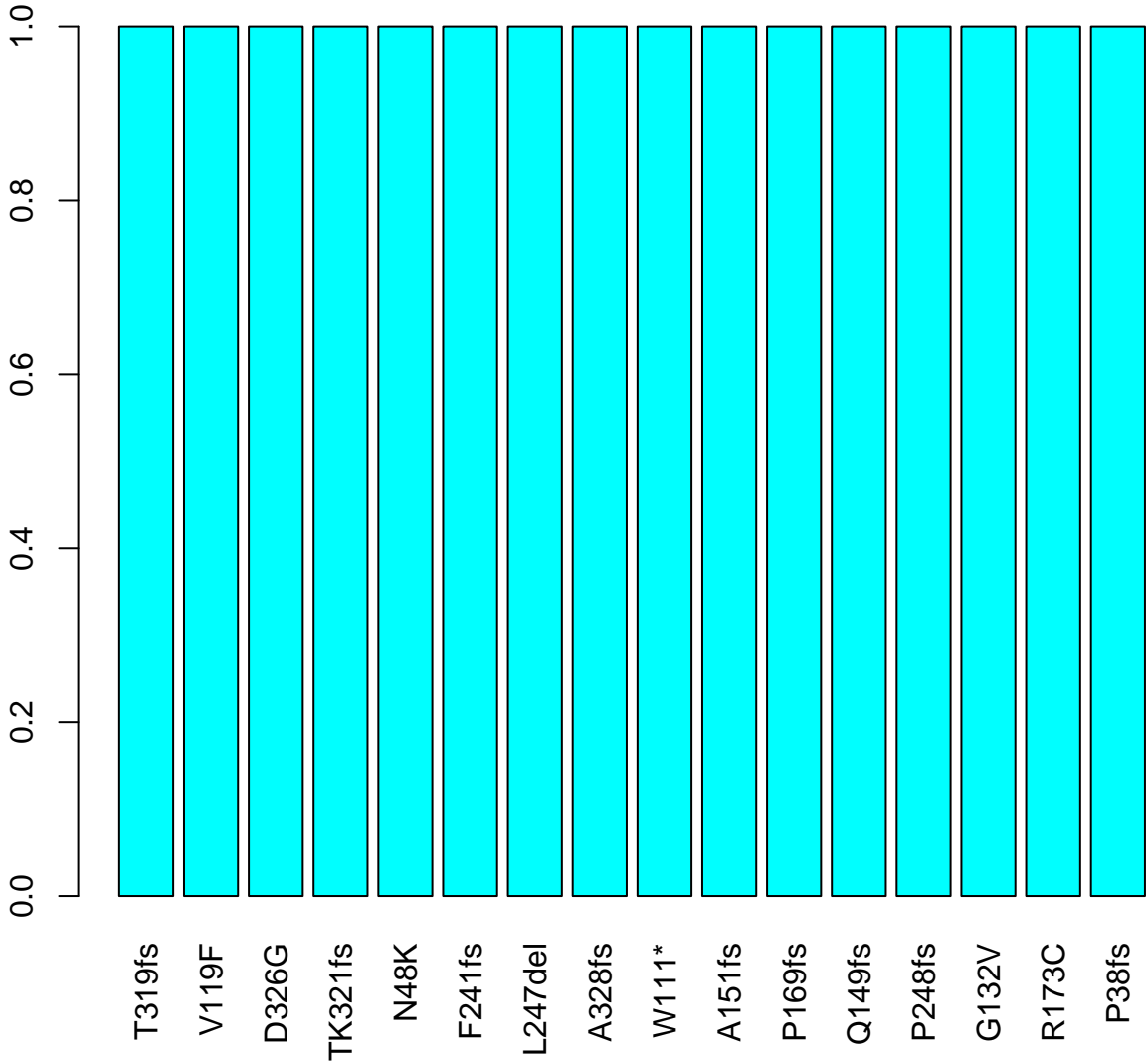
NbrSamples=178 Mutant Samples=14 Total Mutations=16

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



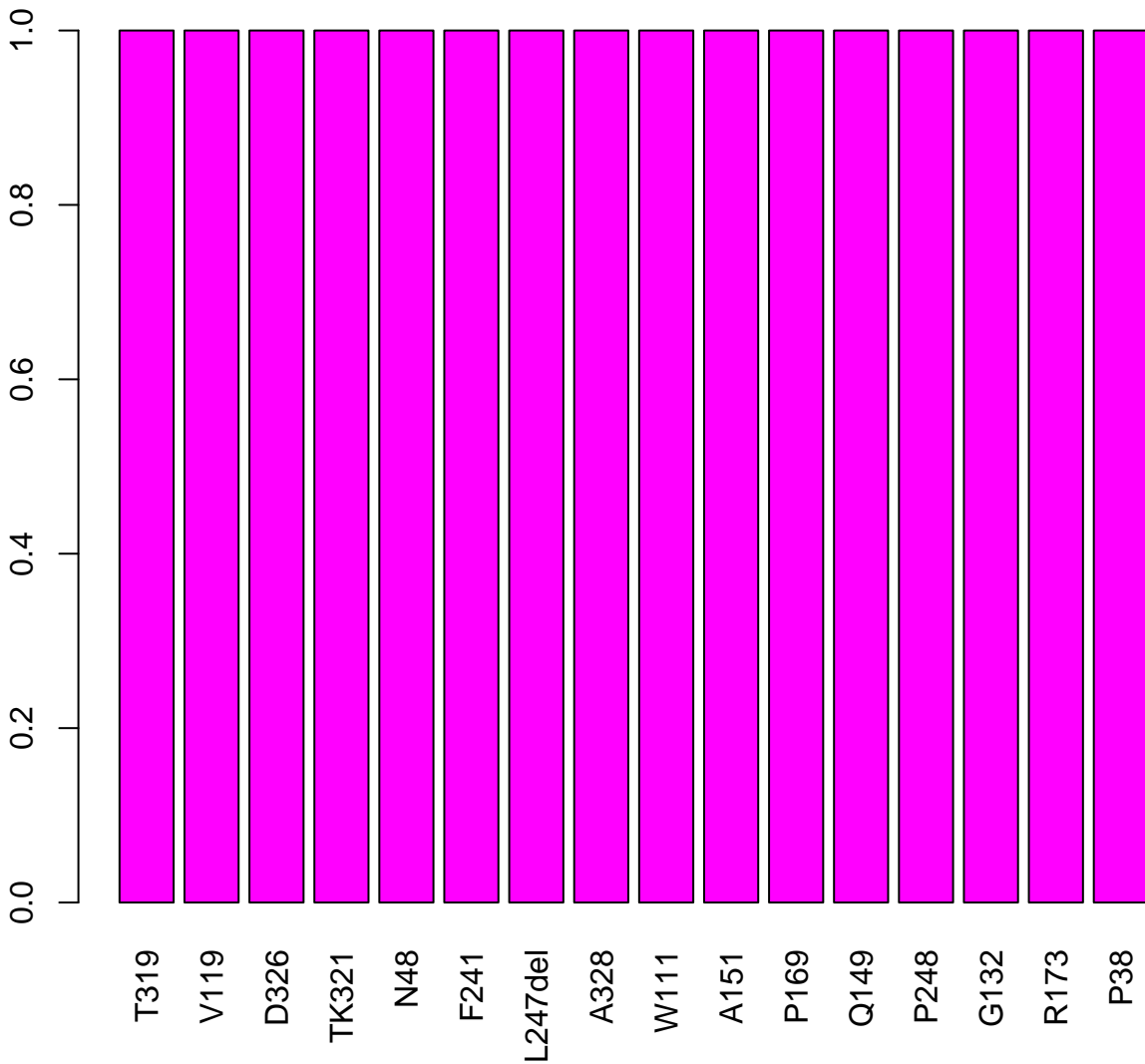
NbrSamples=178 Mutant Samples=14 Total Mutations=16

PTEN mutant alleles in prostate adenocarcinoma (N=499)



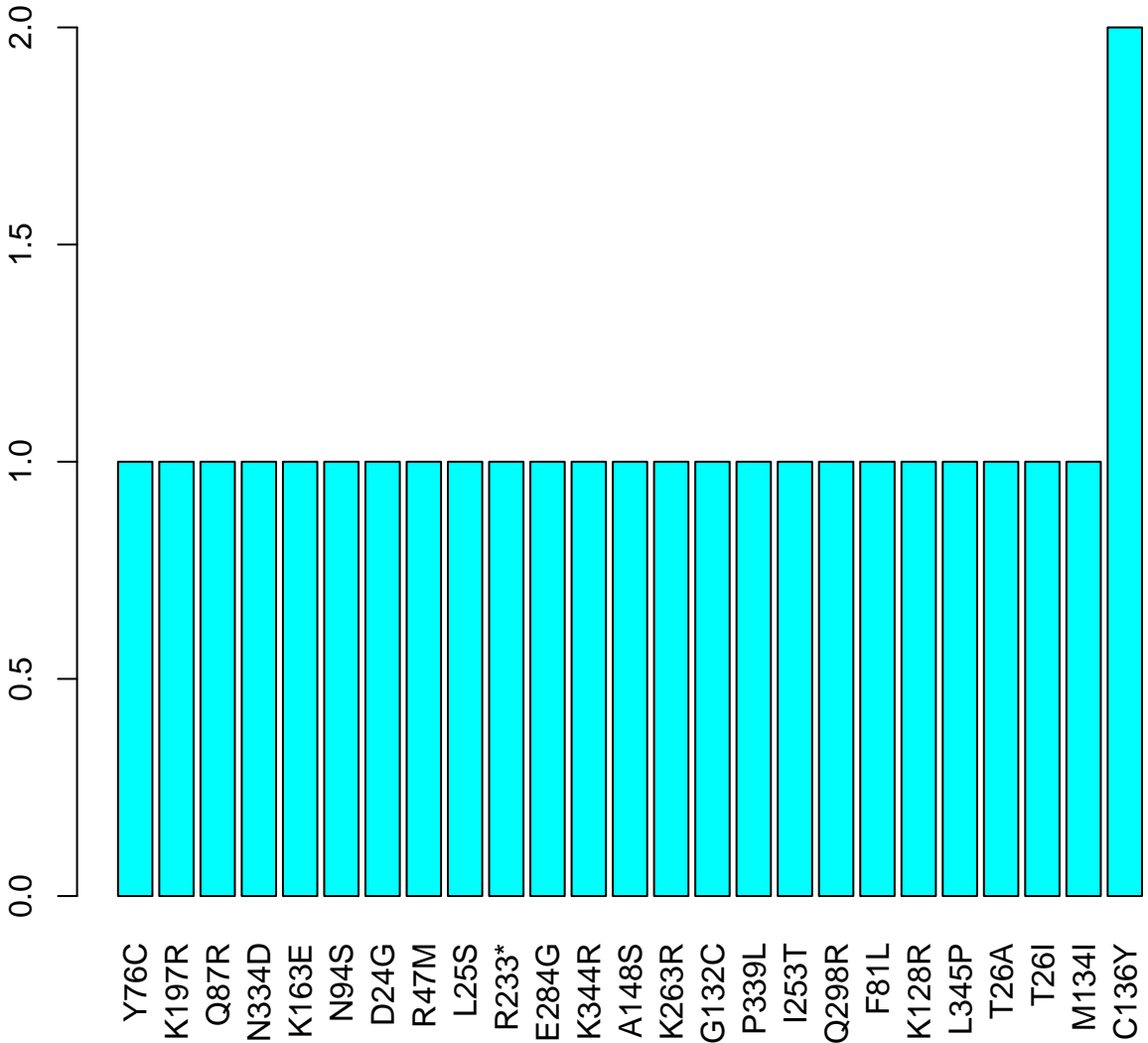
NbrSamples=499 Mutant Samples=17 Total Mutations=16

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



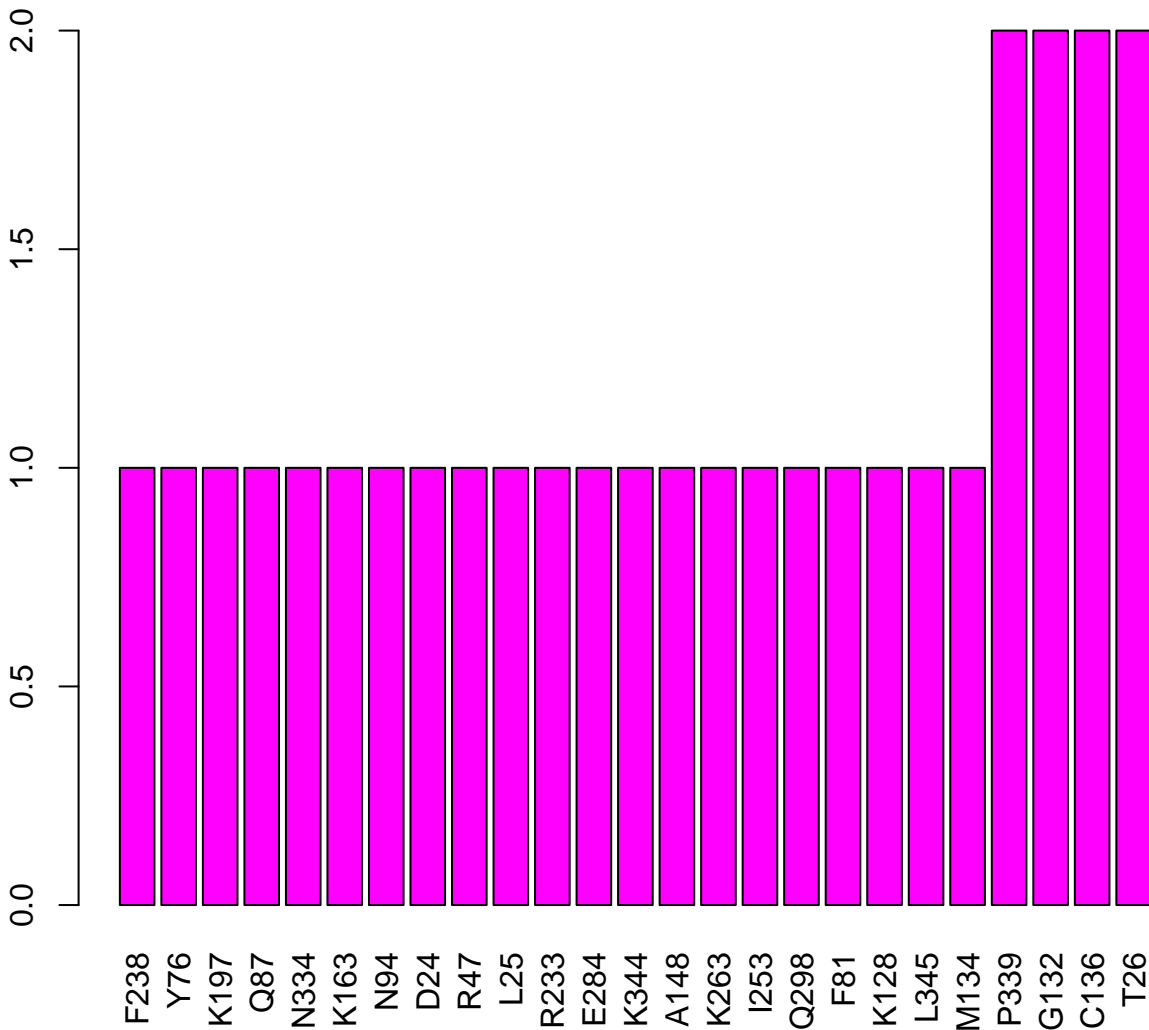
NbrSamples=499 Mutant Samples=17 Total Mutations=16

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



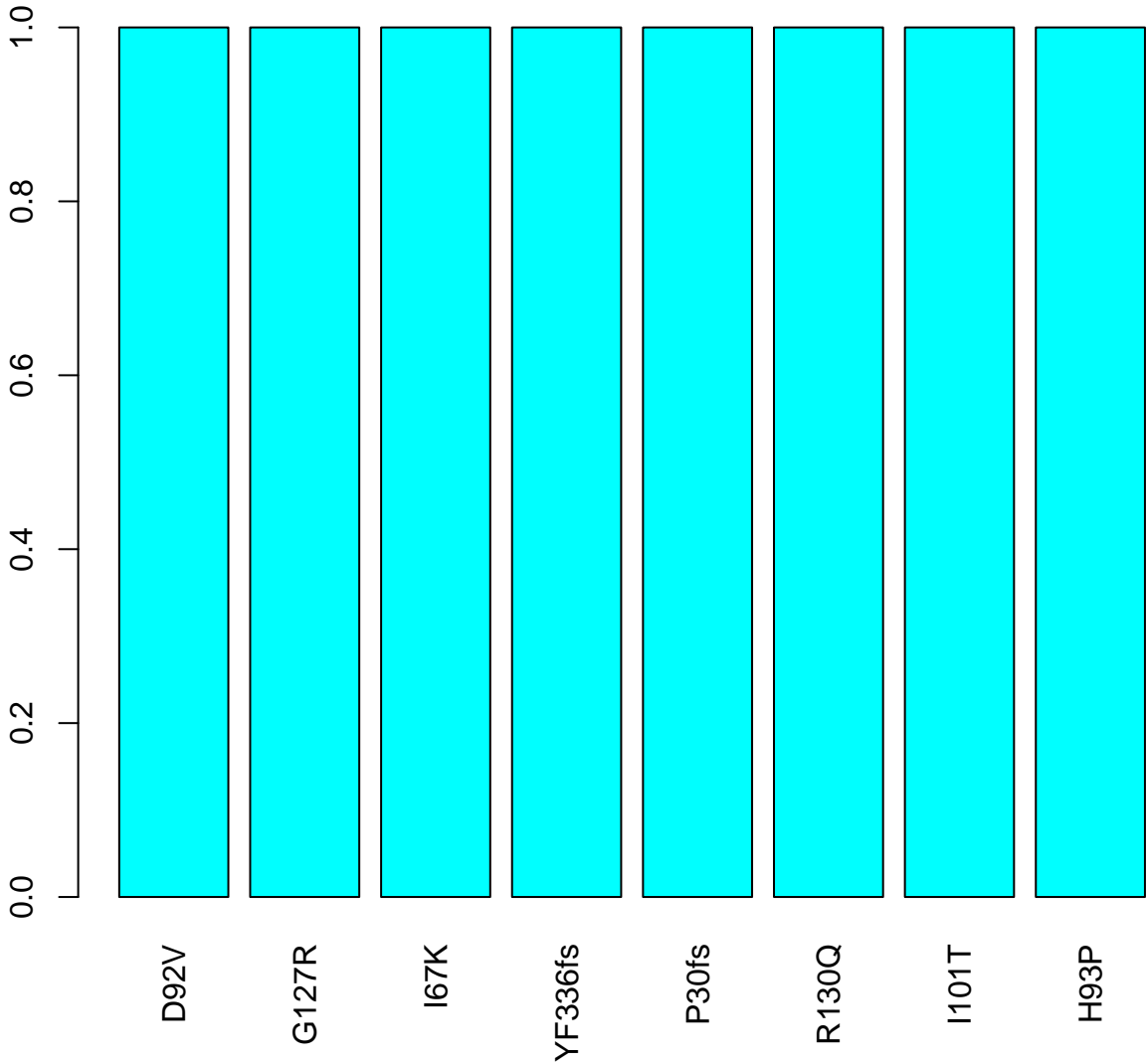
NbrSamples=122 Mutant Samples=33 Total Mutations=46(20 not shown)

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



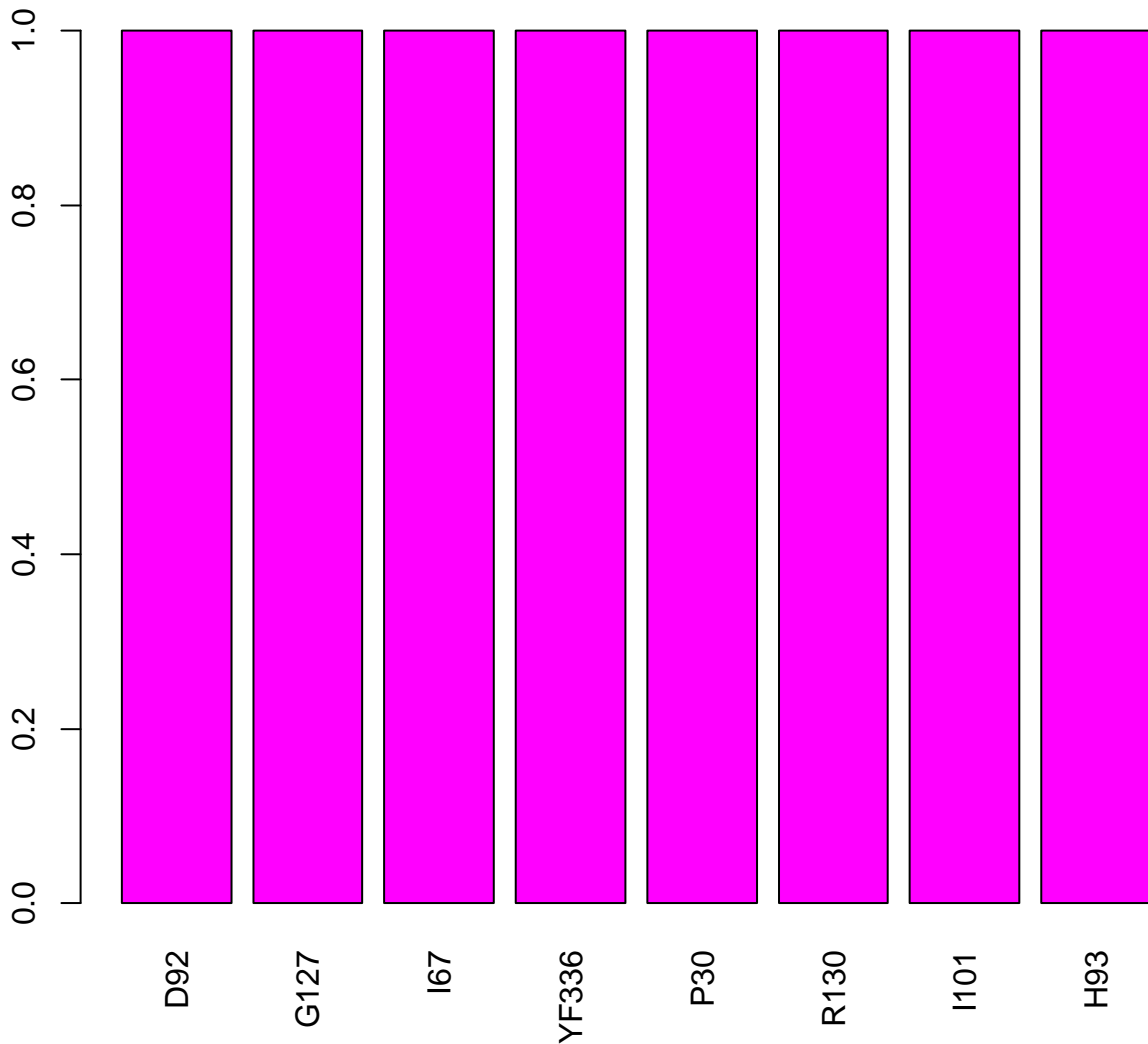
NbrSamples=122 Mutant Samples=33 Total Mutations=46 (17 not shown)

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



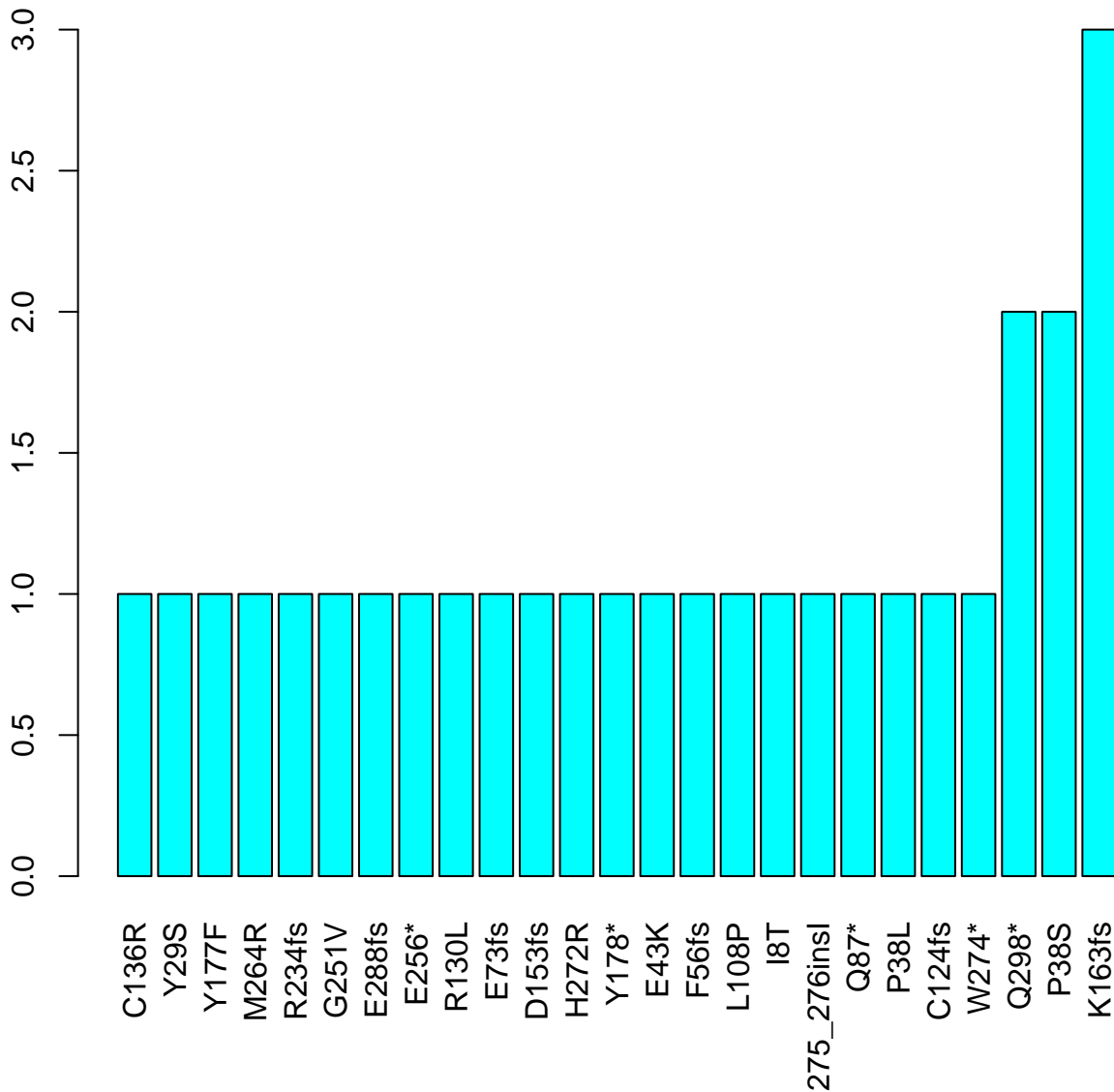
NbrSamples=247 Mutant Samples=7 Total Mutations=8

PTEN mutant **positions** in sarcoma (N=247)



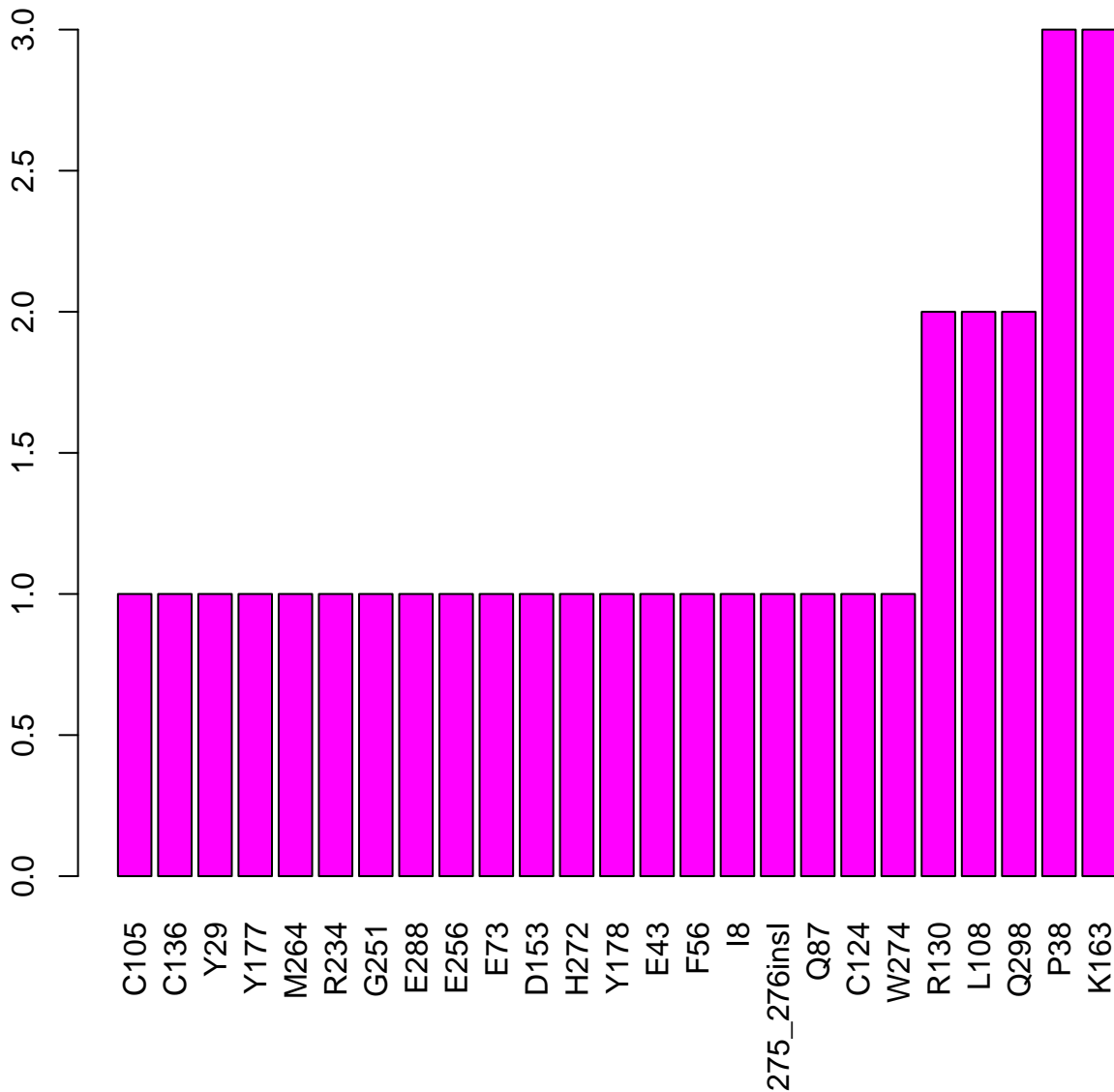
NbrSamples=247 Mutant Samples=7 Total Mutations=8

PTEN mutant **alleles** in skin cutaneous **melanoma** (N=371), **top 25**



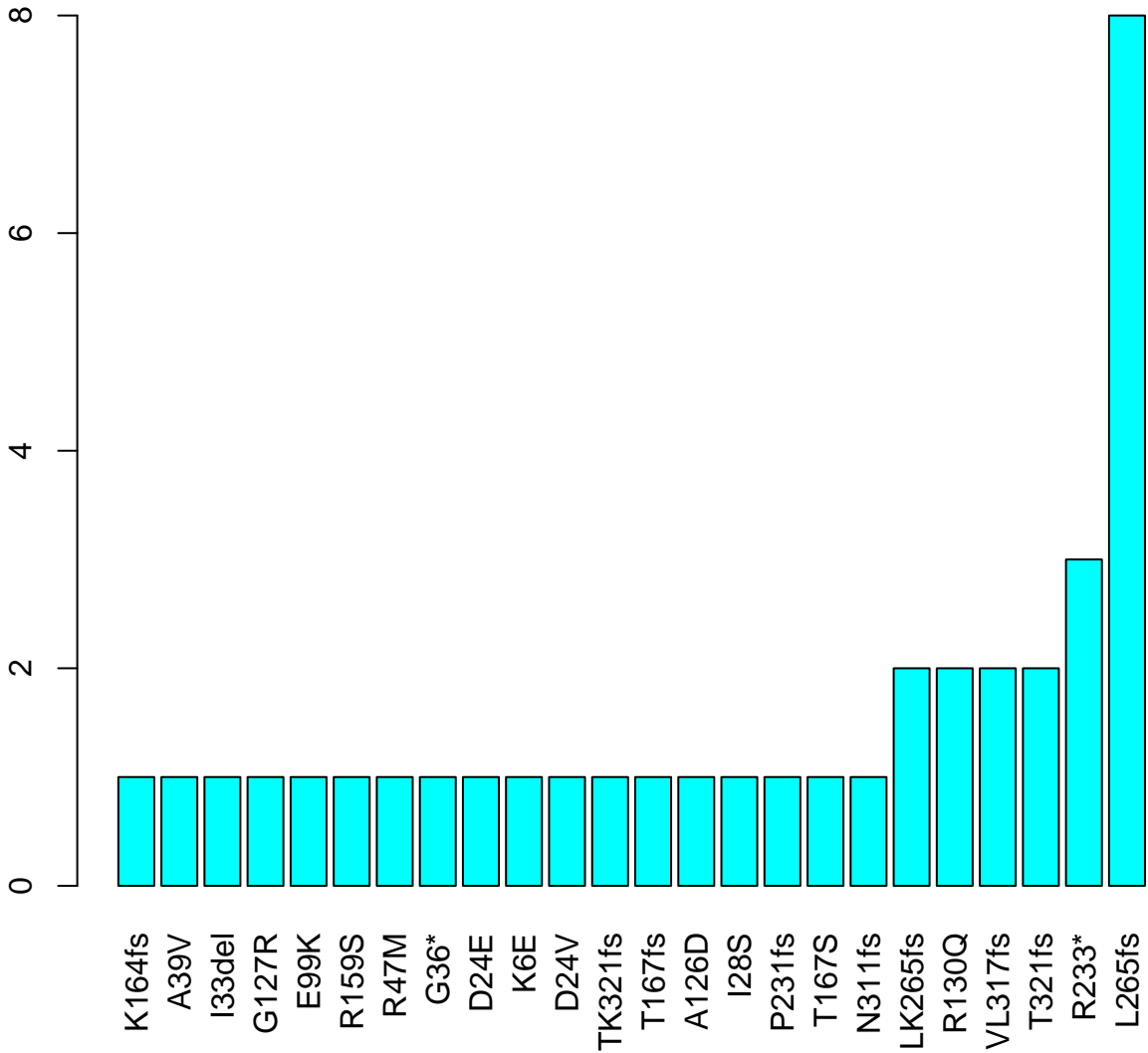
NbrSamples=371 Mutant Samples=35 Total Mutations=34(5 not shown)

PTEN mutant **positions** in skin cutaneous **melanoma** (N=371), **top 25**



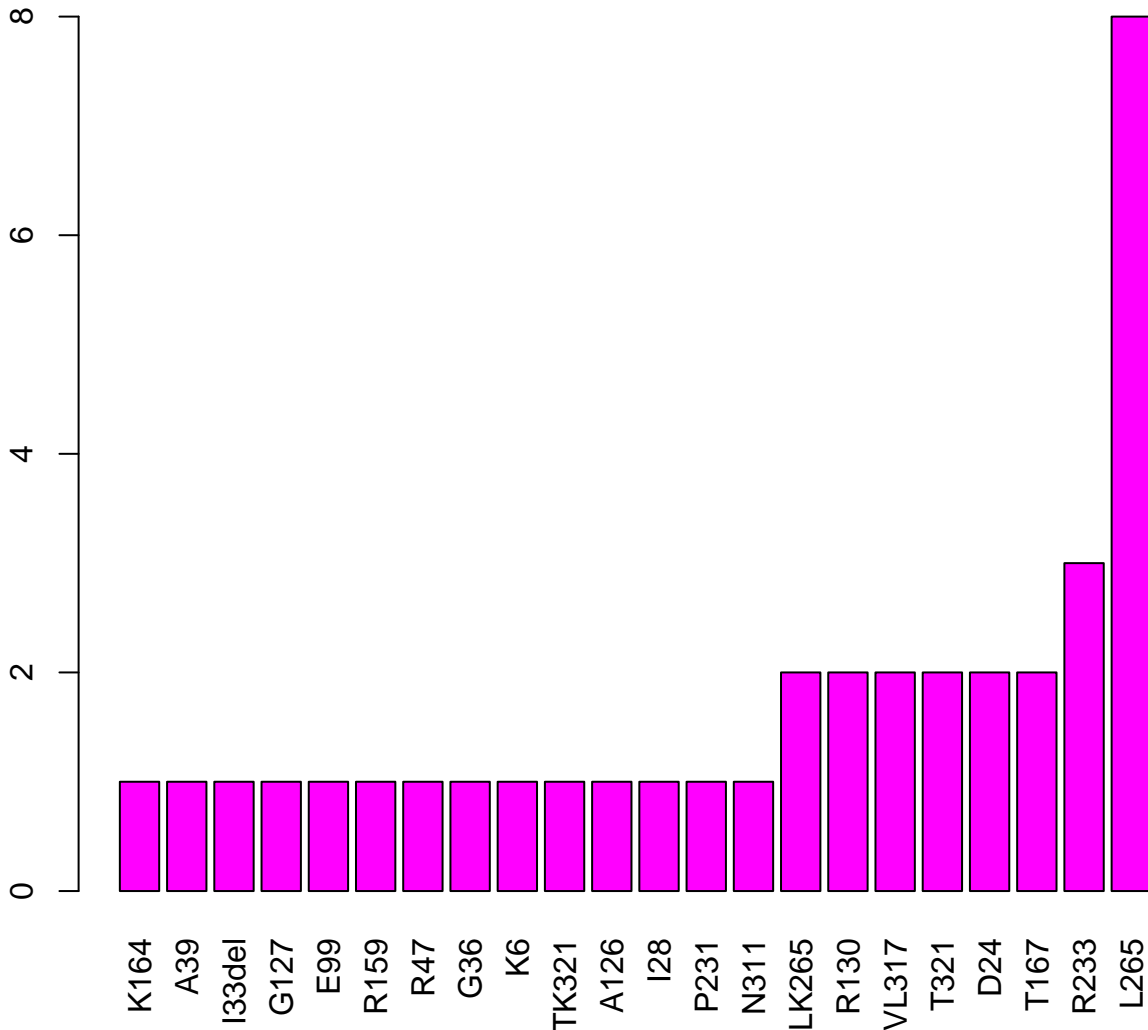
NbrSamples=371 Mutant Samples=35 Total Mutations=34 (2 not shown)

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



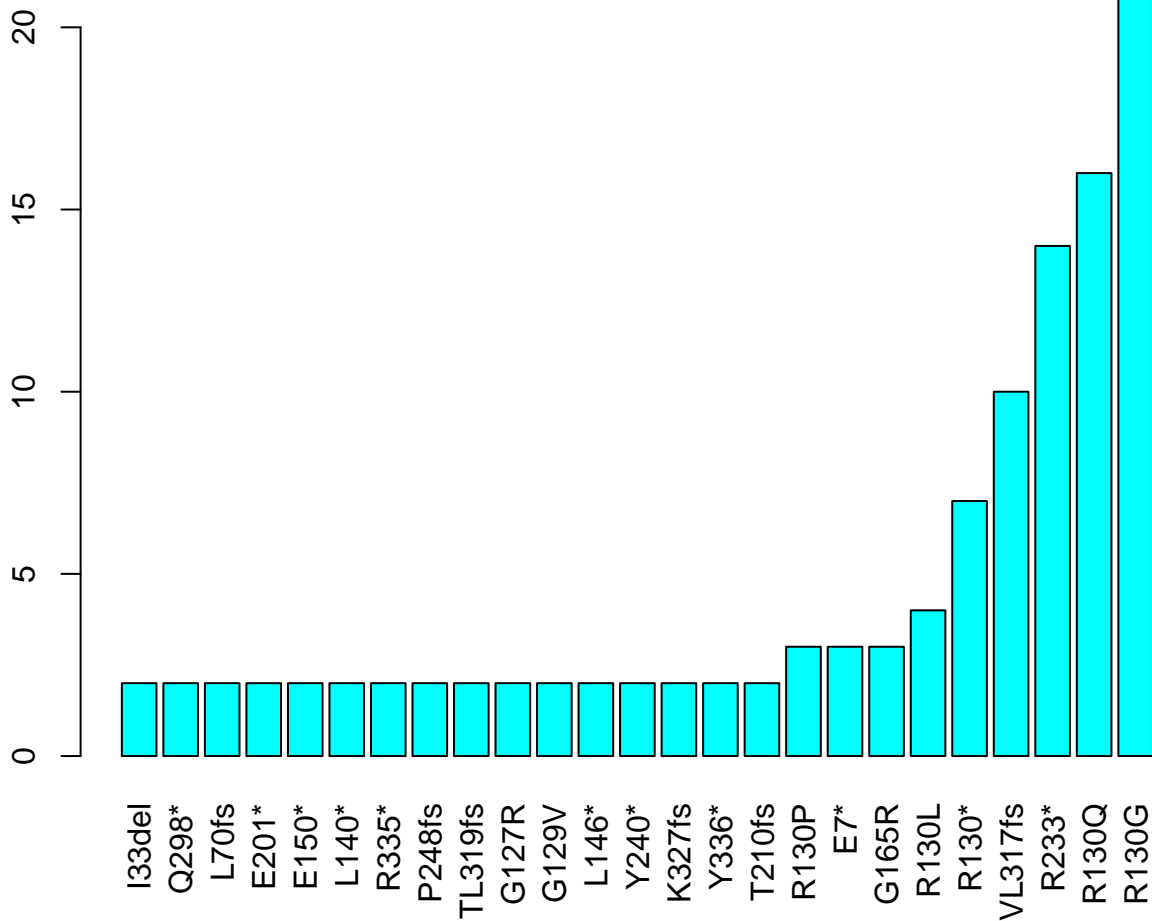
NbrSamples=395 Mutant Samples=30 Total Mutations=37

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



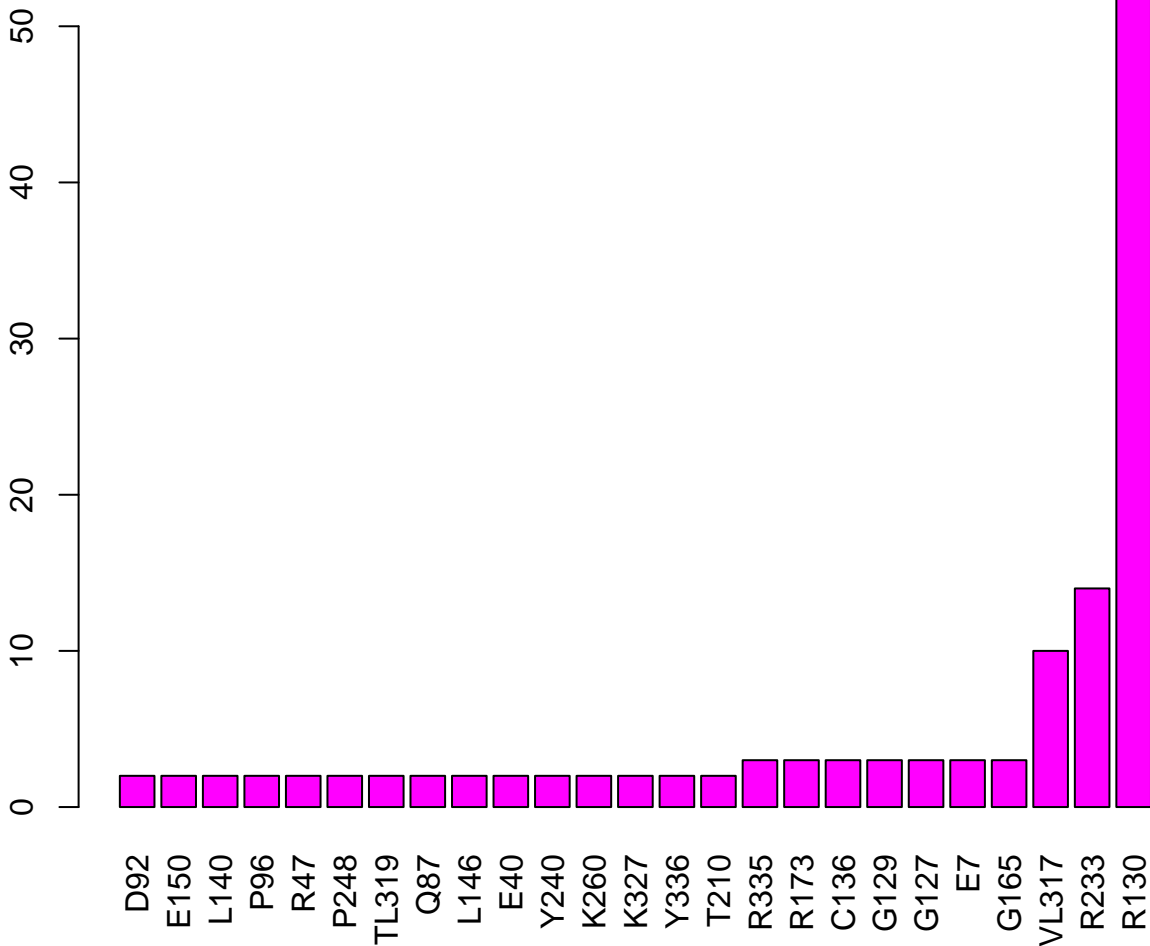
NbrSamples=395 Mutant Samples=30 Total Mutations=37

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



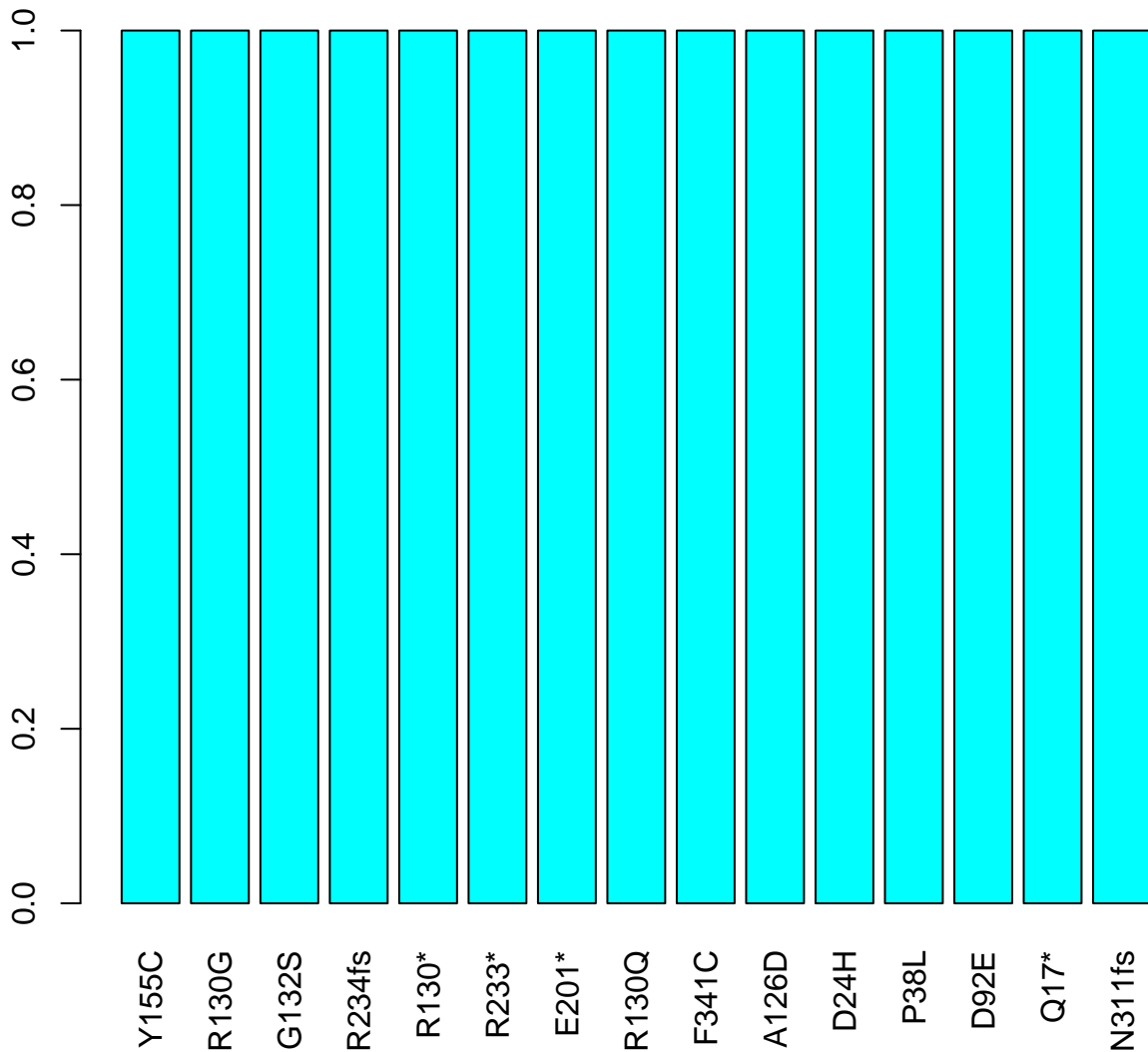
NbrSamples=248 Mutant Samples=161 Total Mutations=242(126 not shown)

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



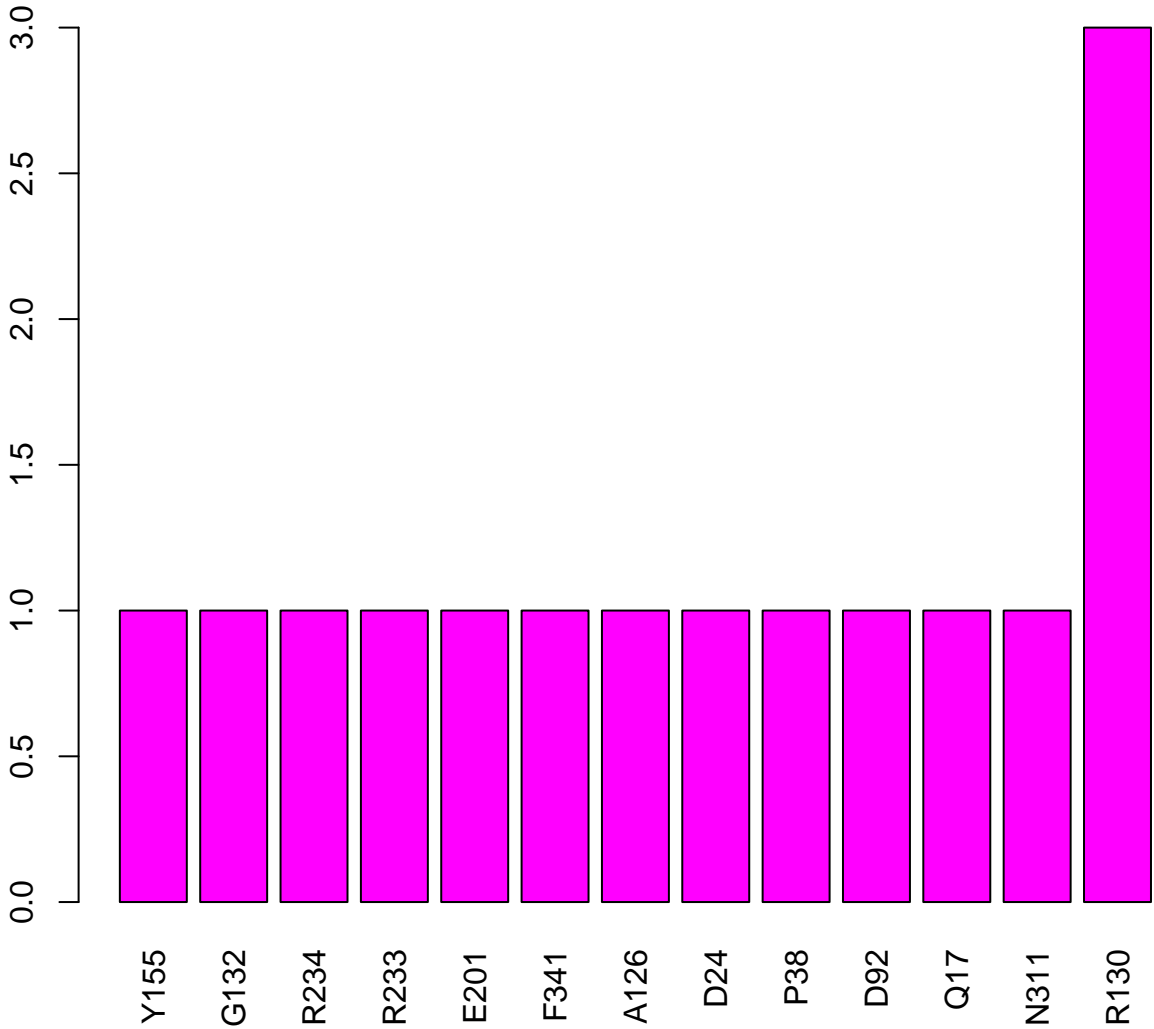
NbrSamples=248 Mutant Samples=161 Total Mutations=242 (111 not shown)

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



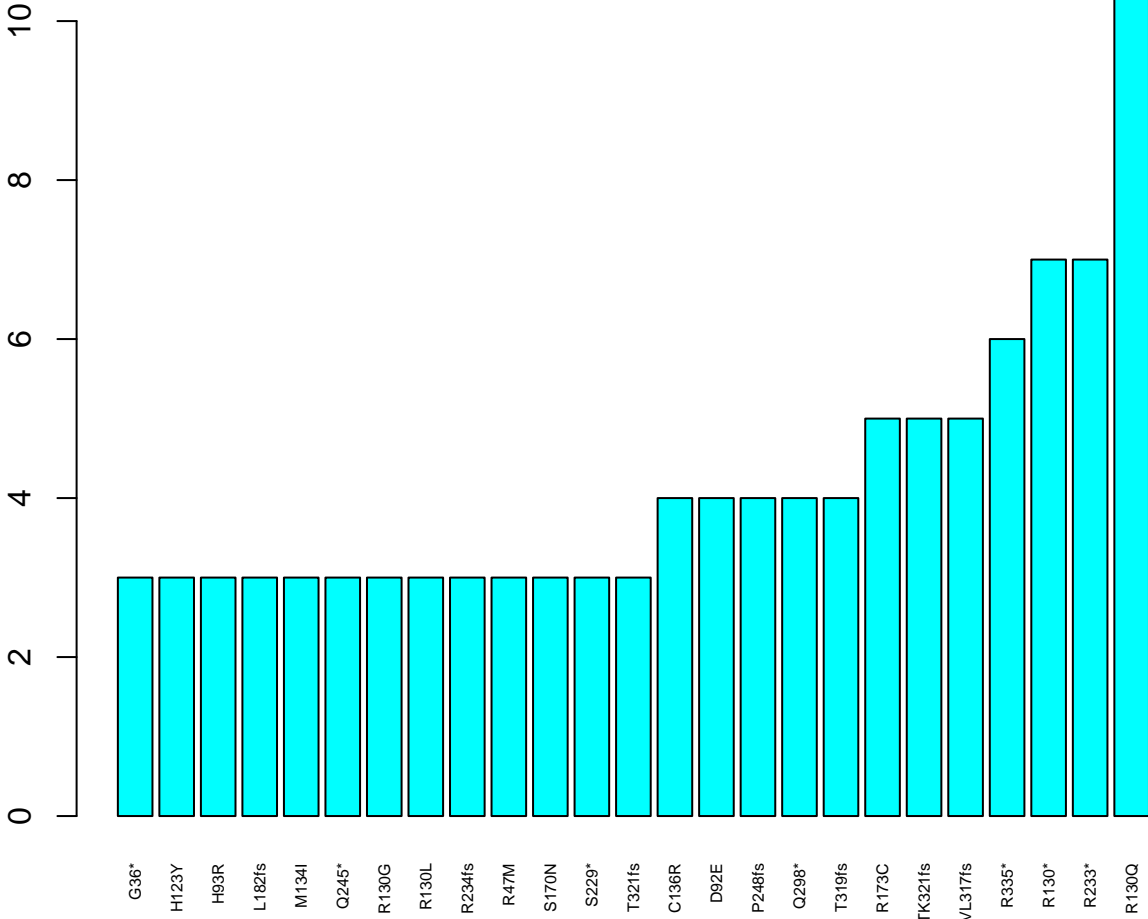
NbrSamples=57 Mutant Samples=11 Total Mutations=15

PTEN mutant **positions** in **uterine** carcinosarcoma (N=57)



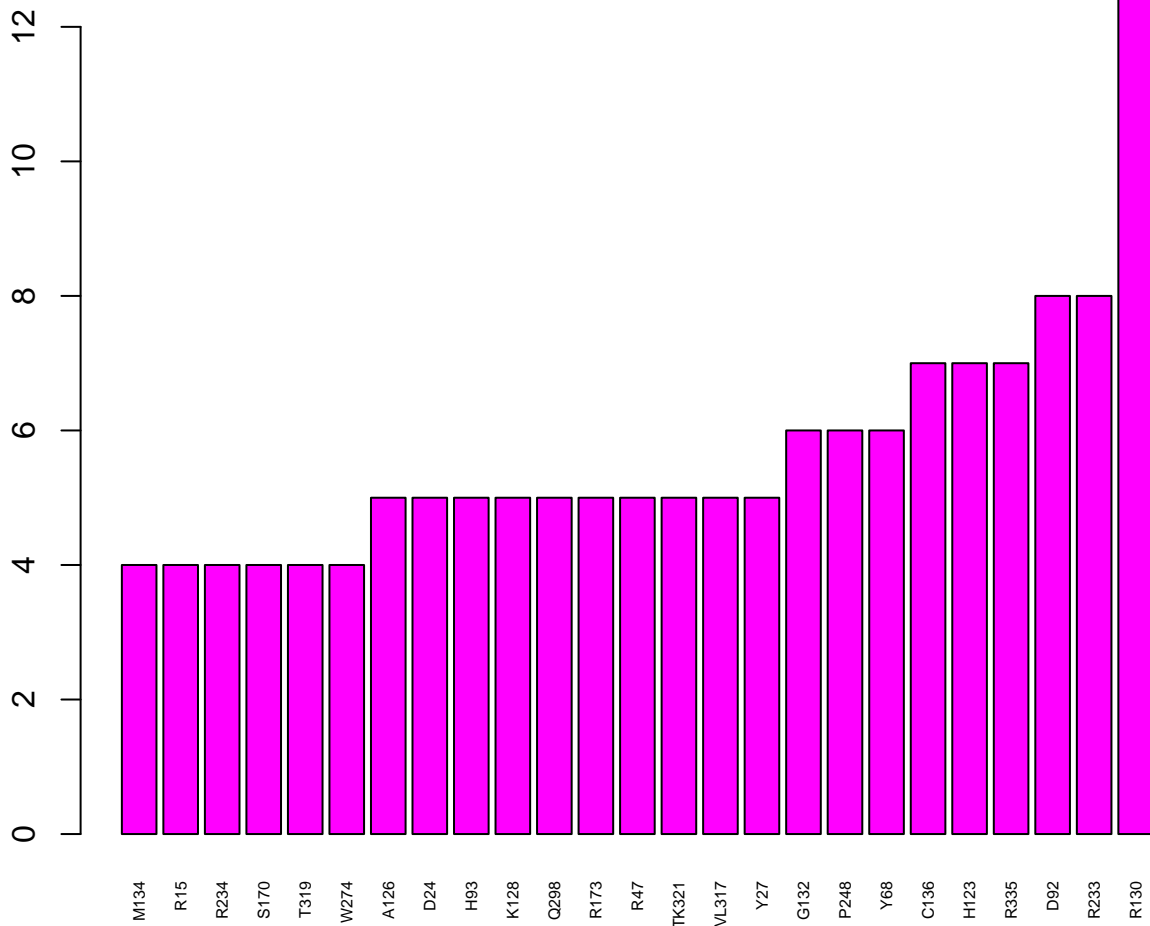
NbrSamples=57 Mutant Samples=11 Total Mutations=15

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



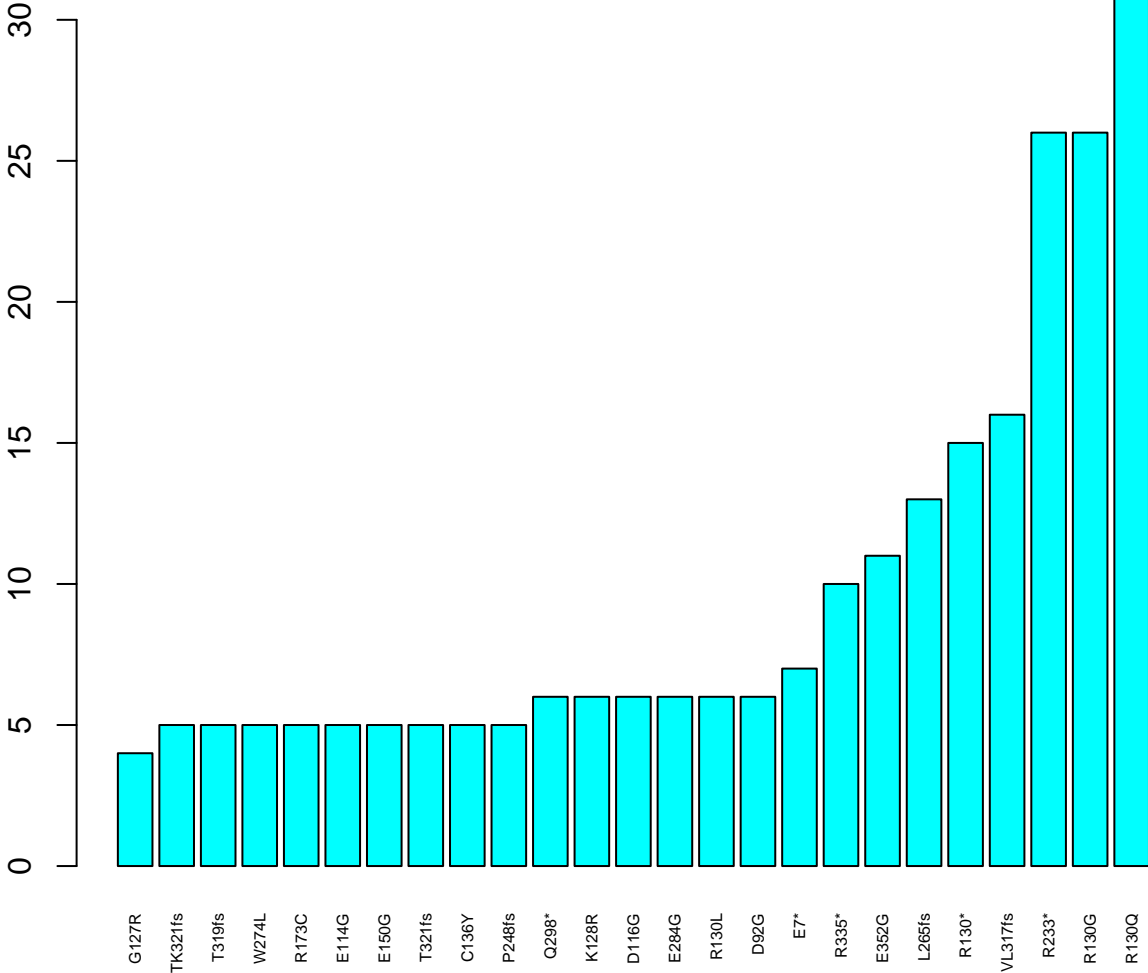
629 not shown

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



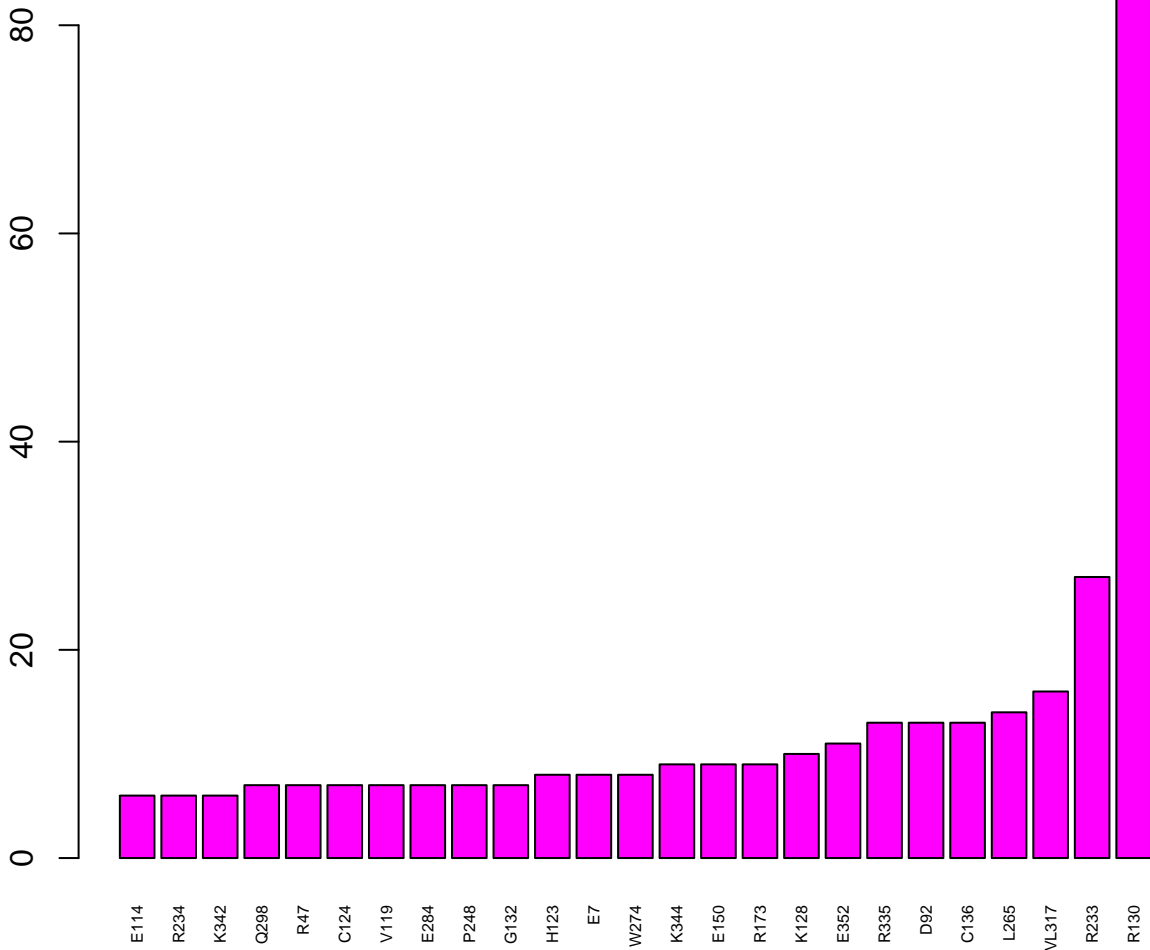
496 not shown

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



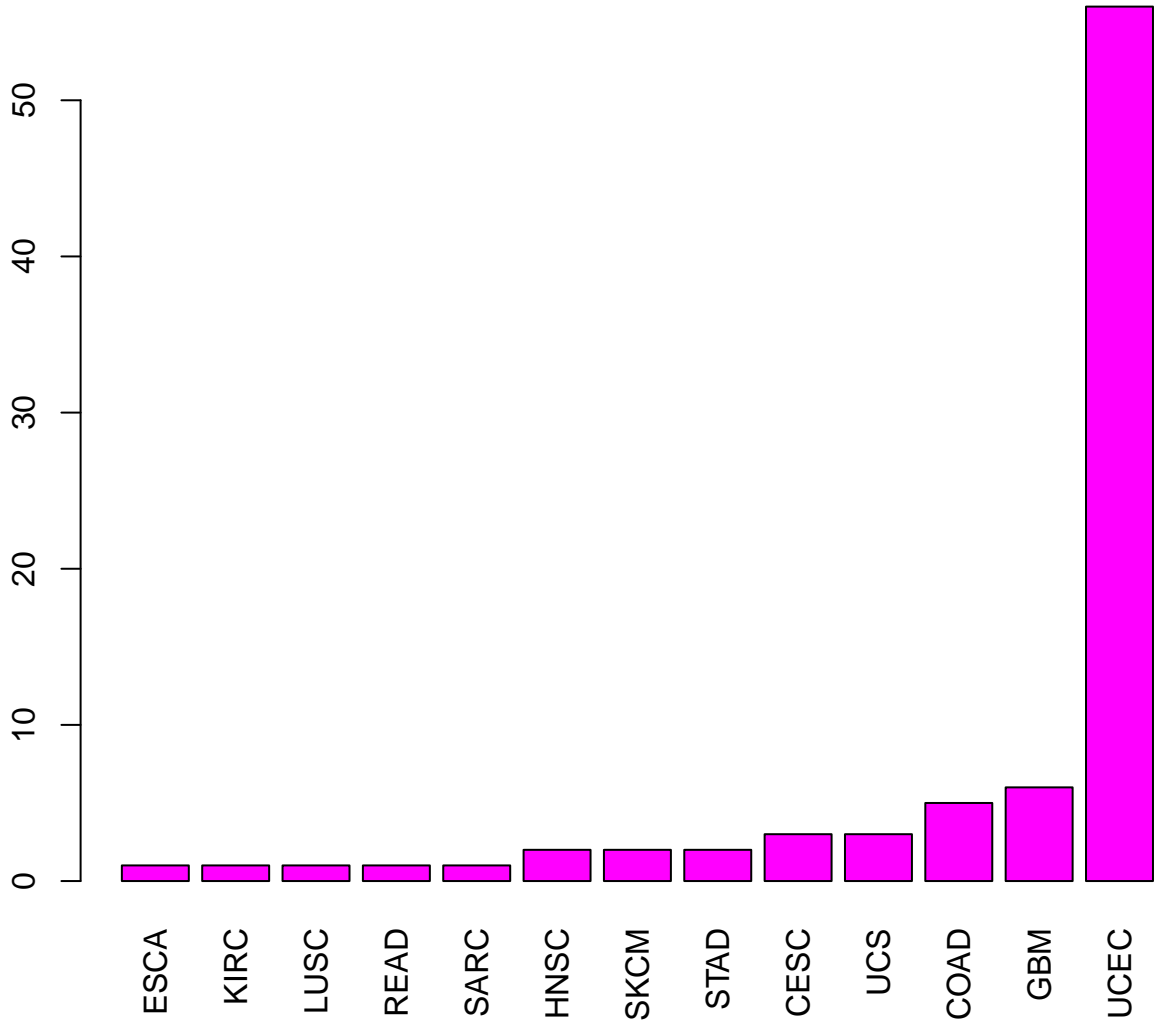
721 not shown

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

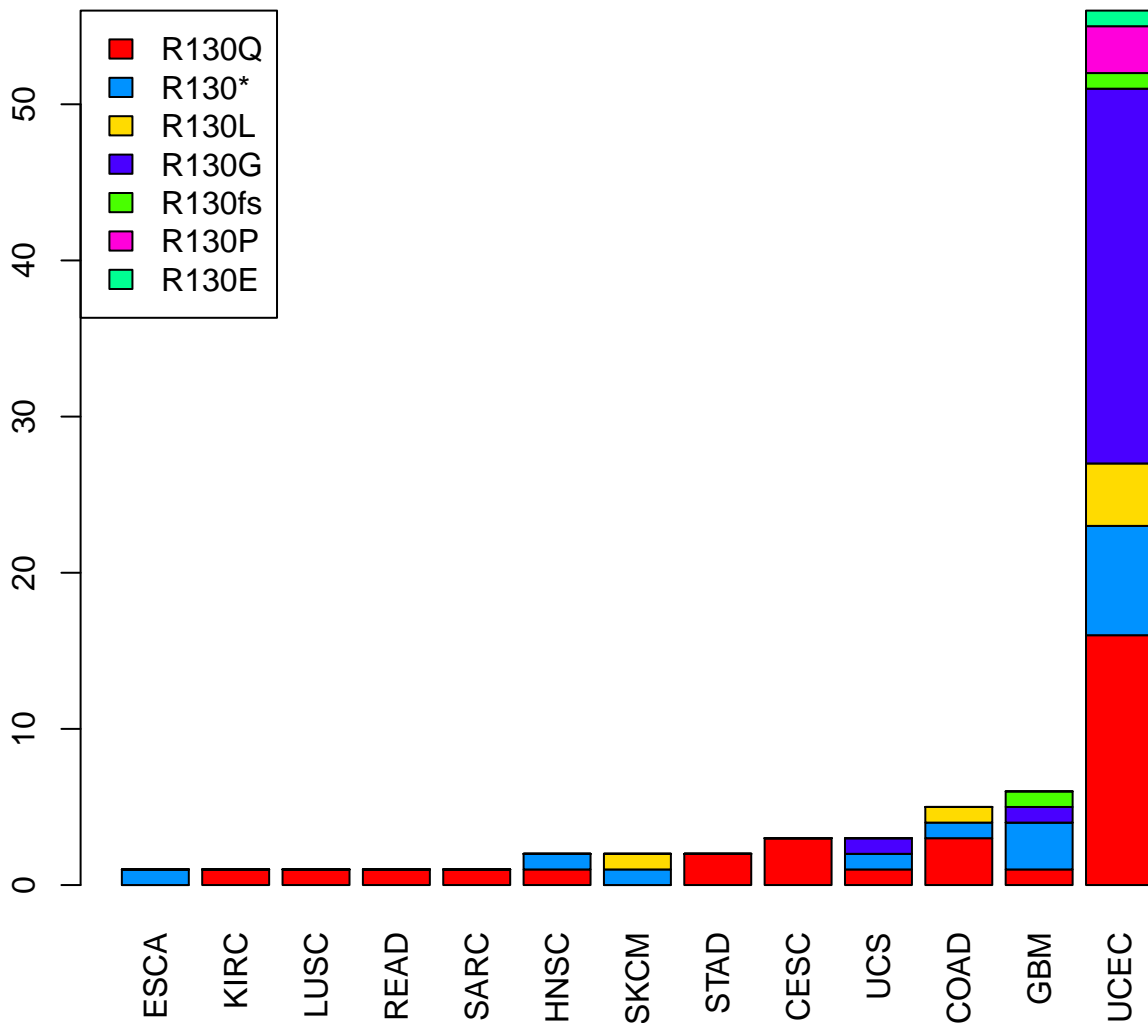


642 not shown

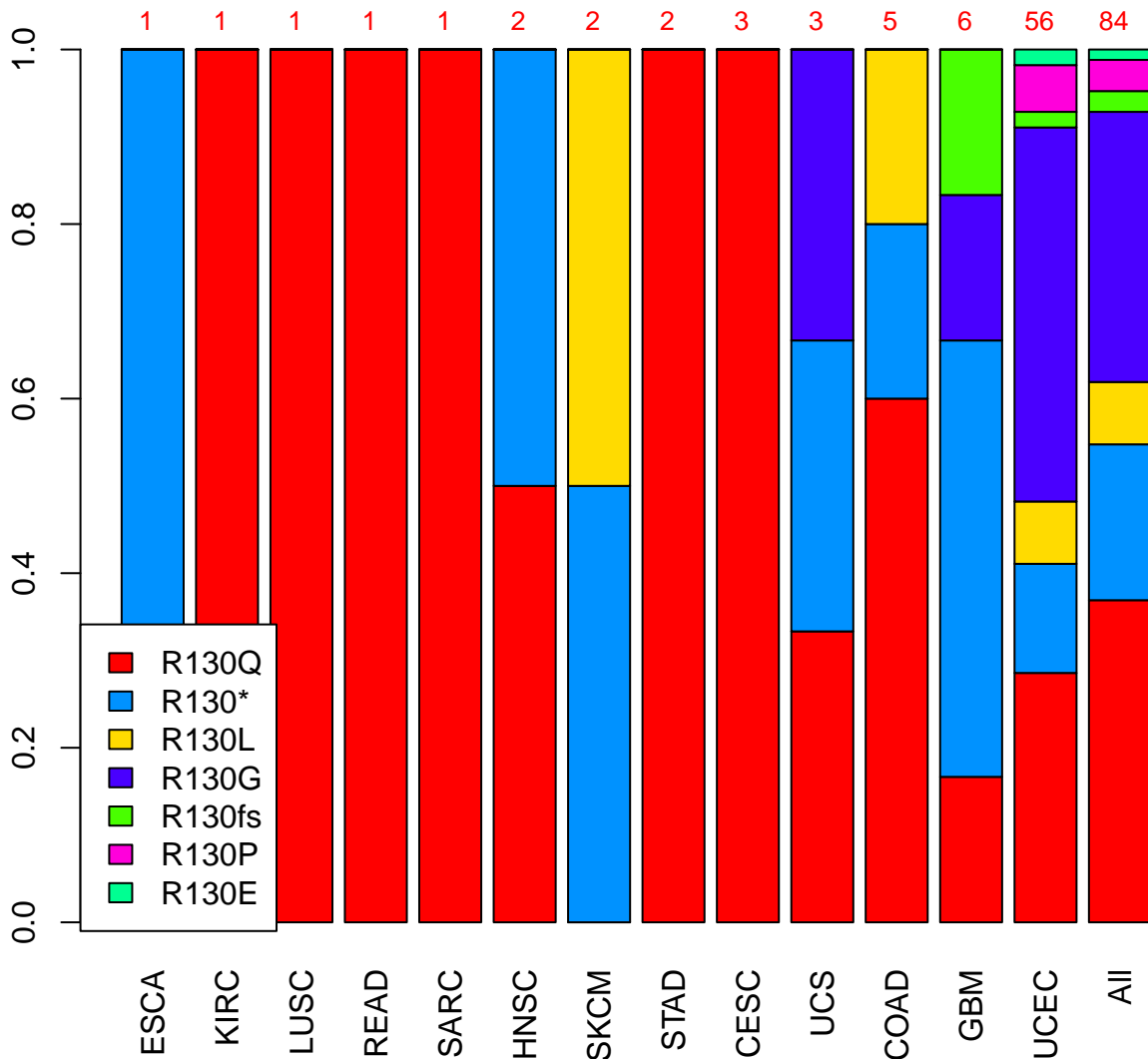
Total number of PTEN R130 mutations in different cancer types



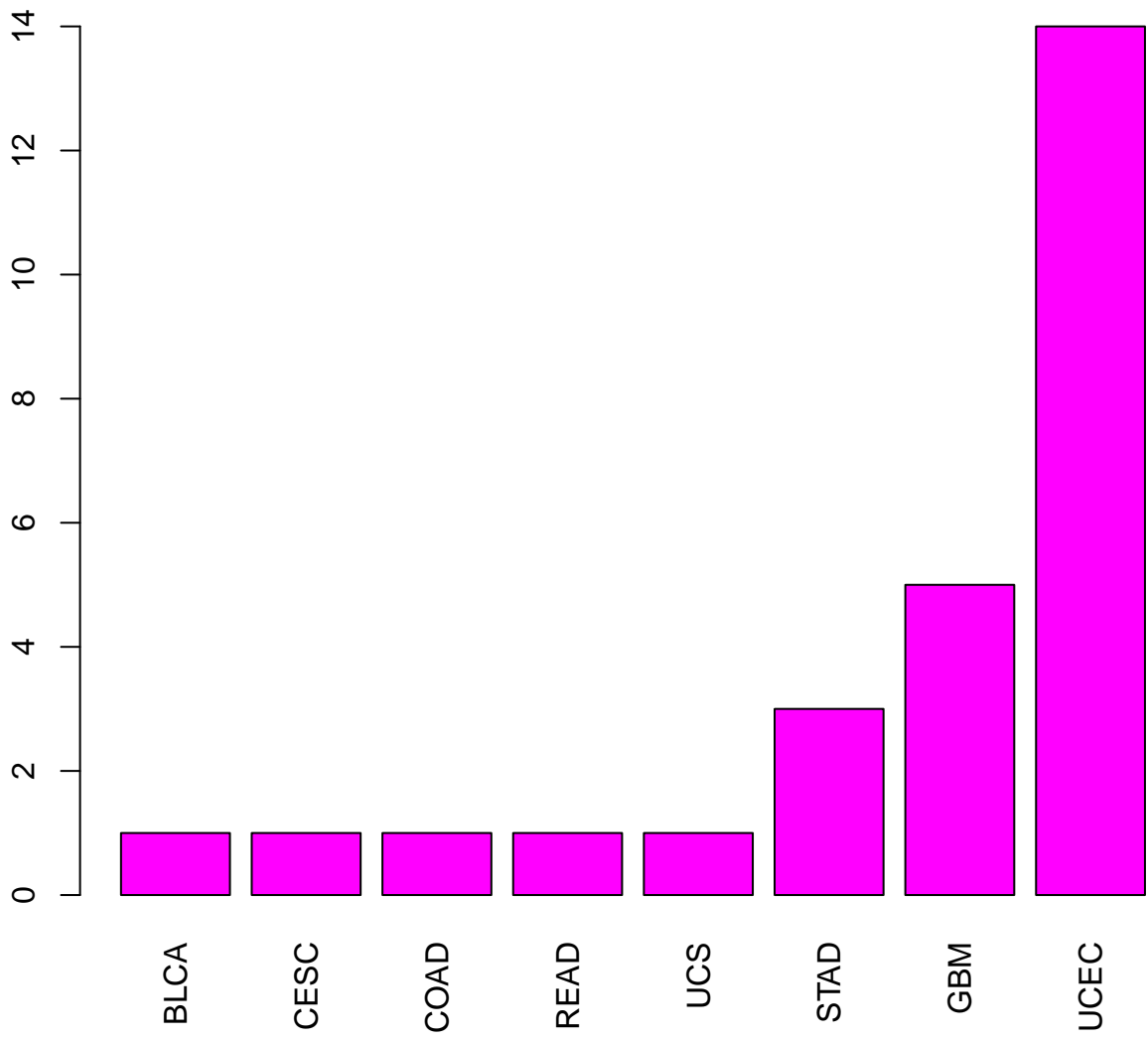
Mutated allele breakdown for PTEN R130 mutations



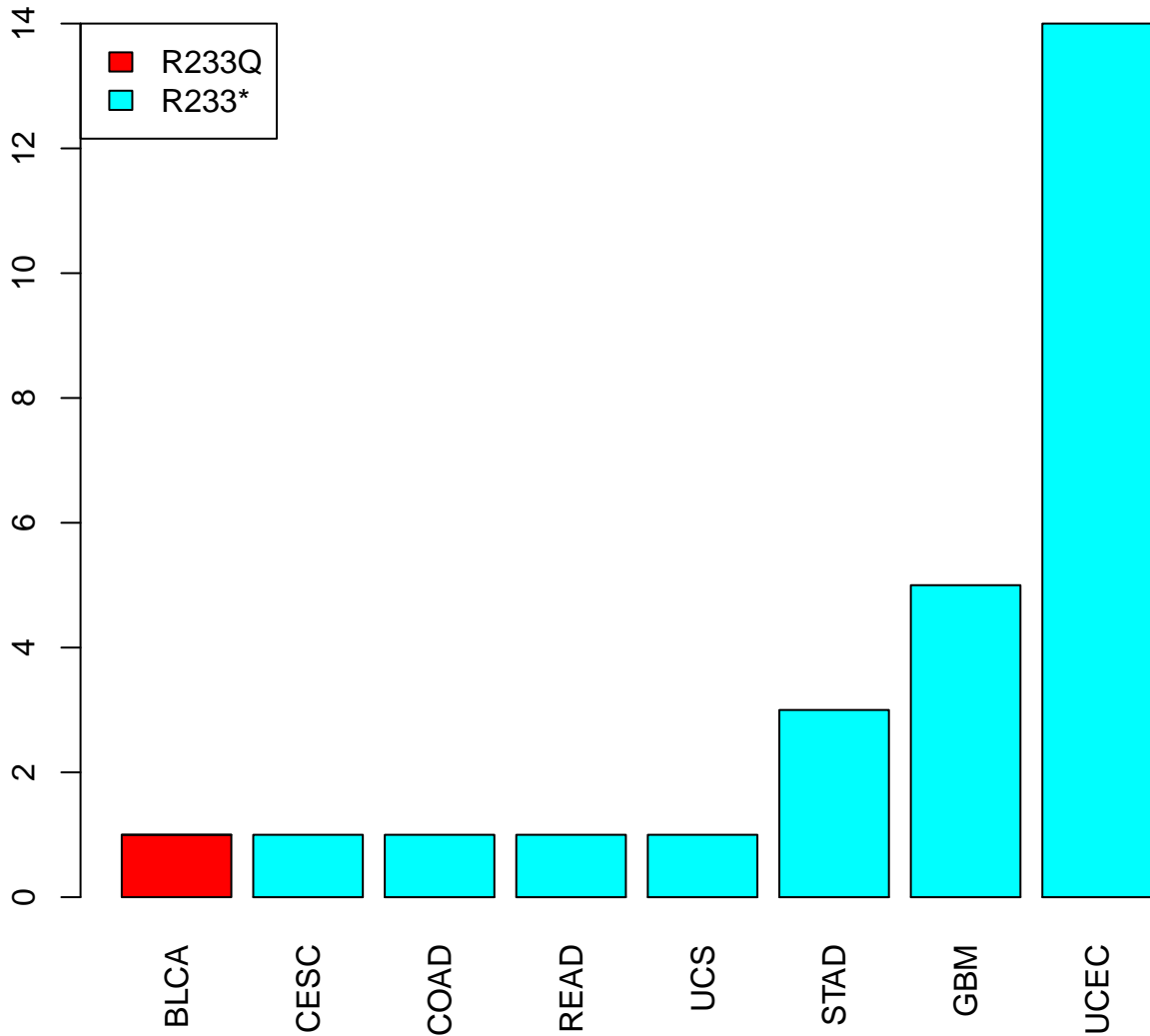
Proportional view of allele breakdown of PTEN R130 mutations



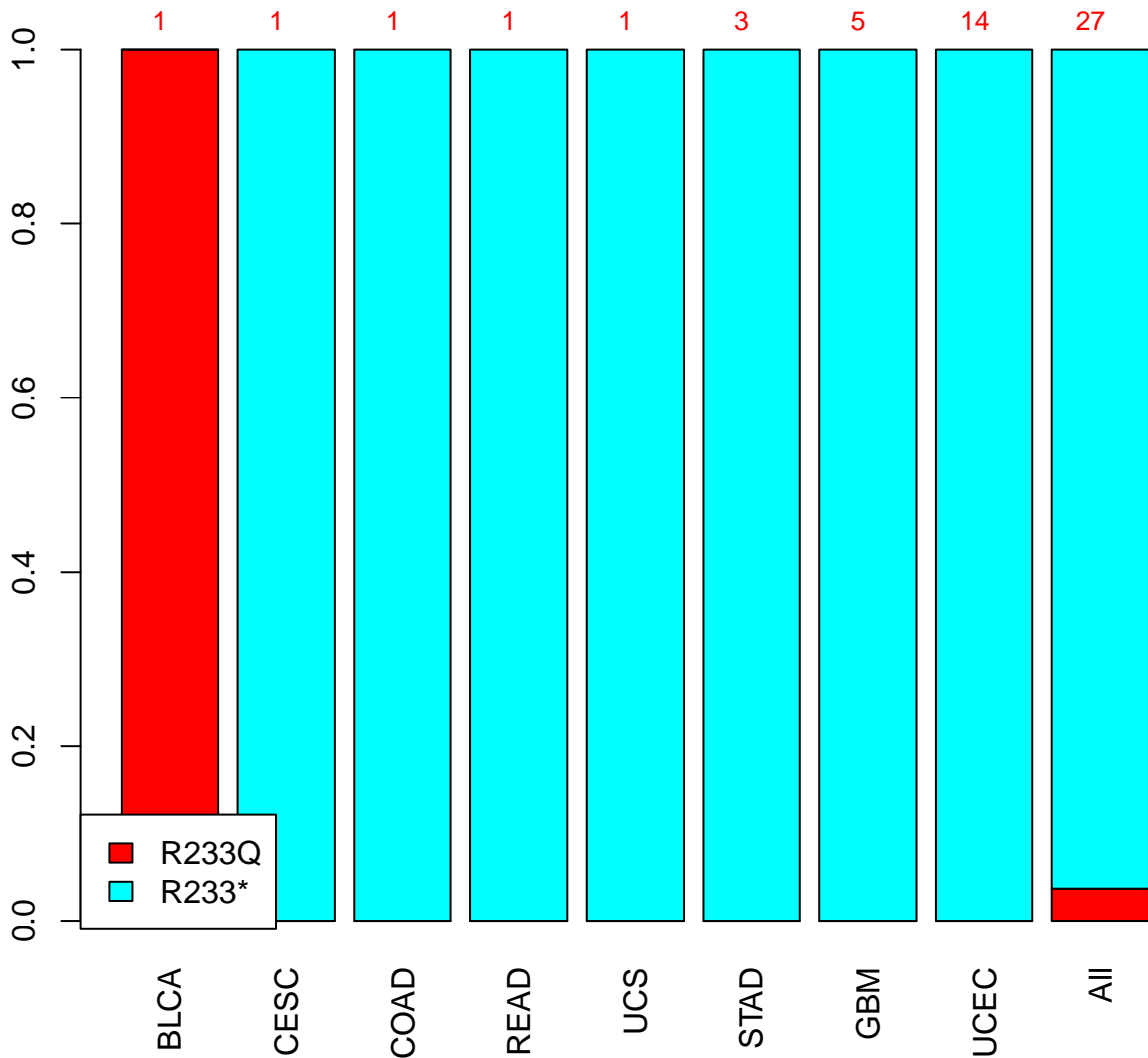
Total number of PTEN **R233** mutations in different cancer types



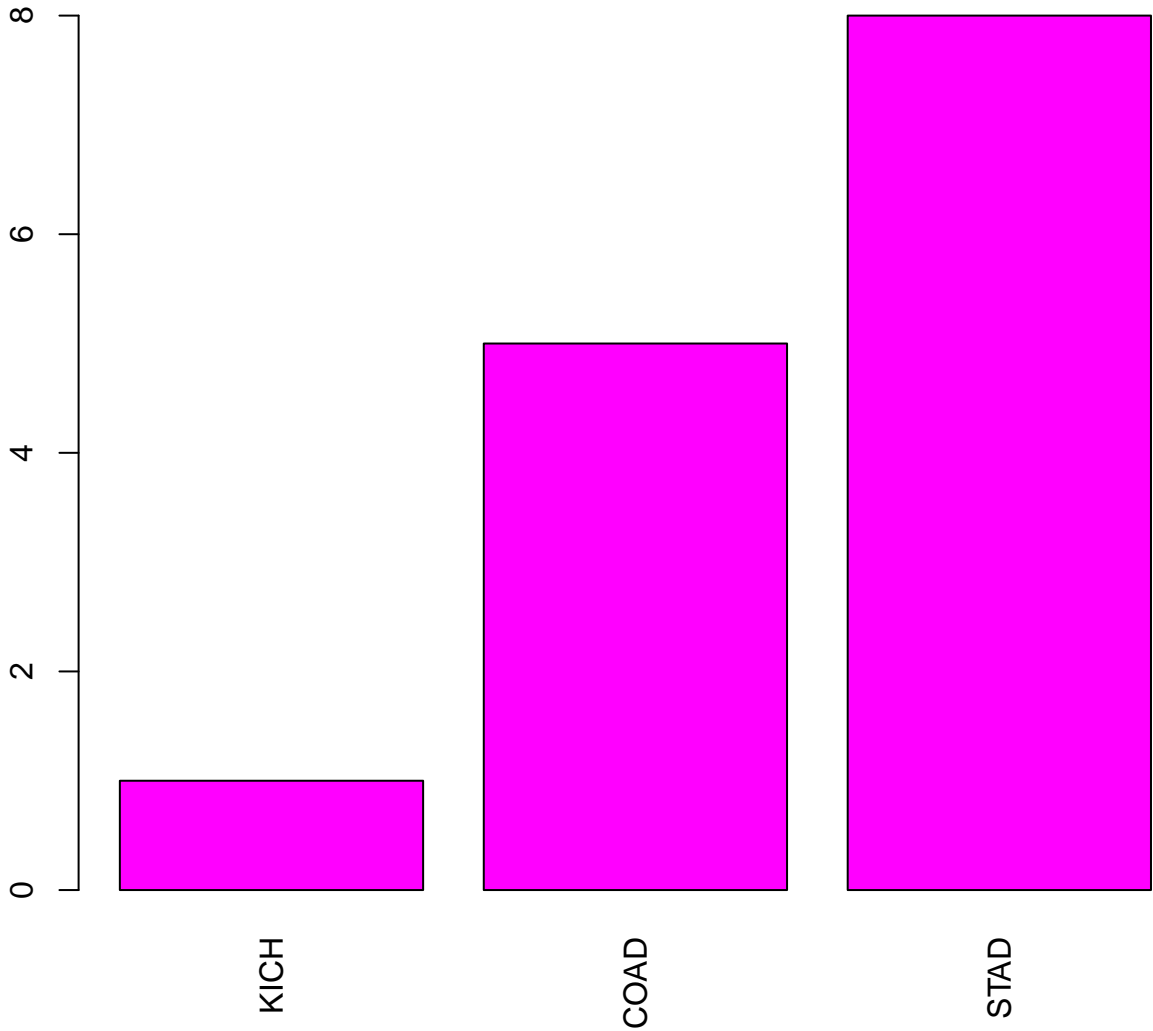
Mutated allele breakdown for PTEN **R233** mutations



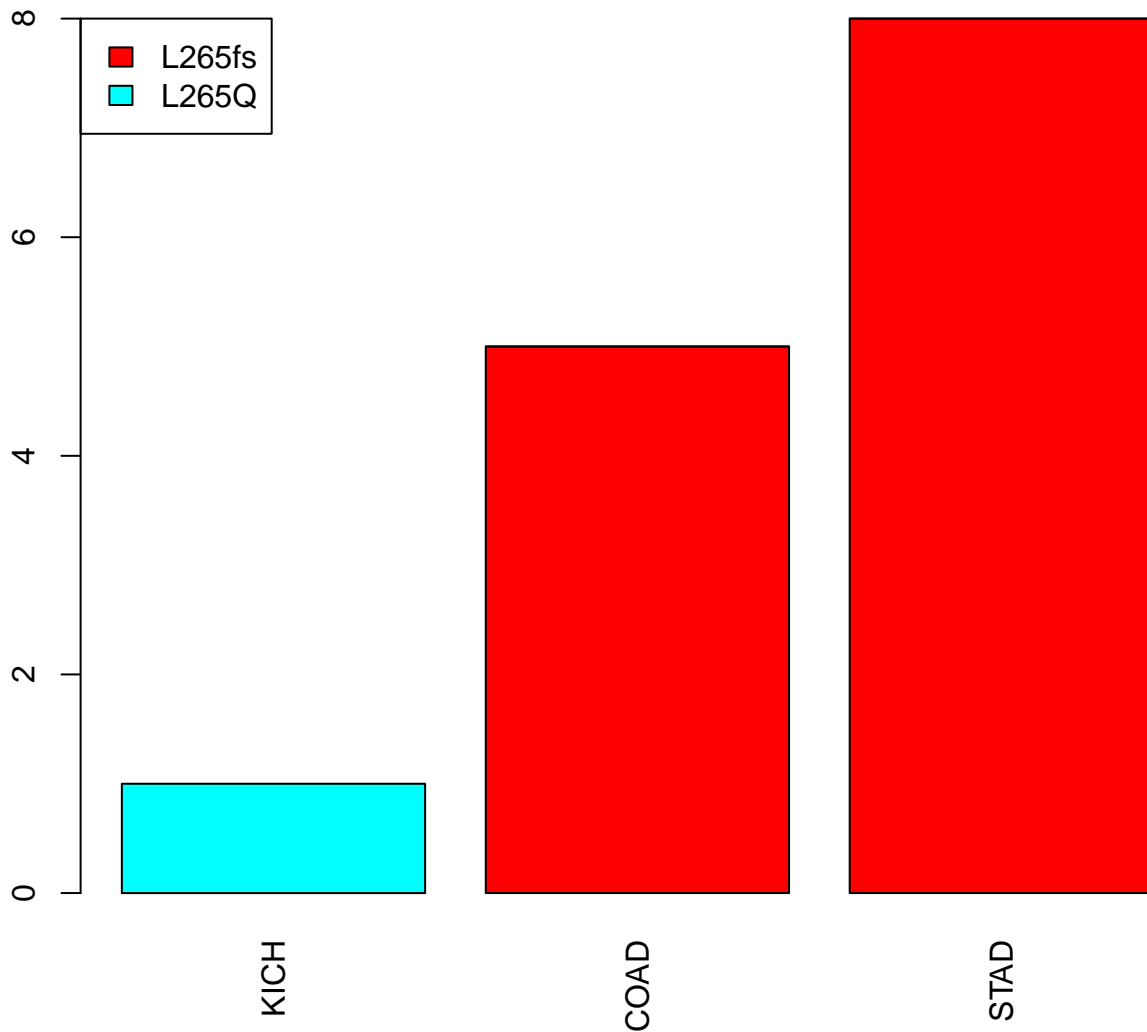
Proportional view of allele breakdown of PTEN R233 mutations



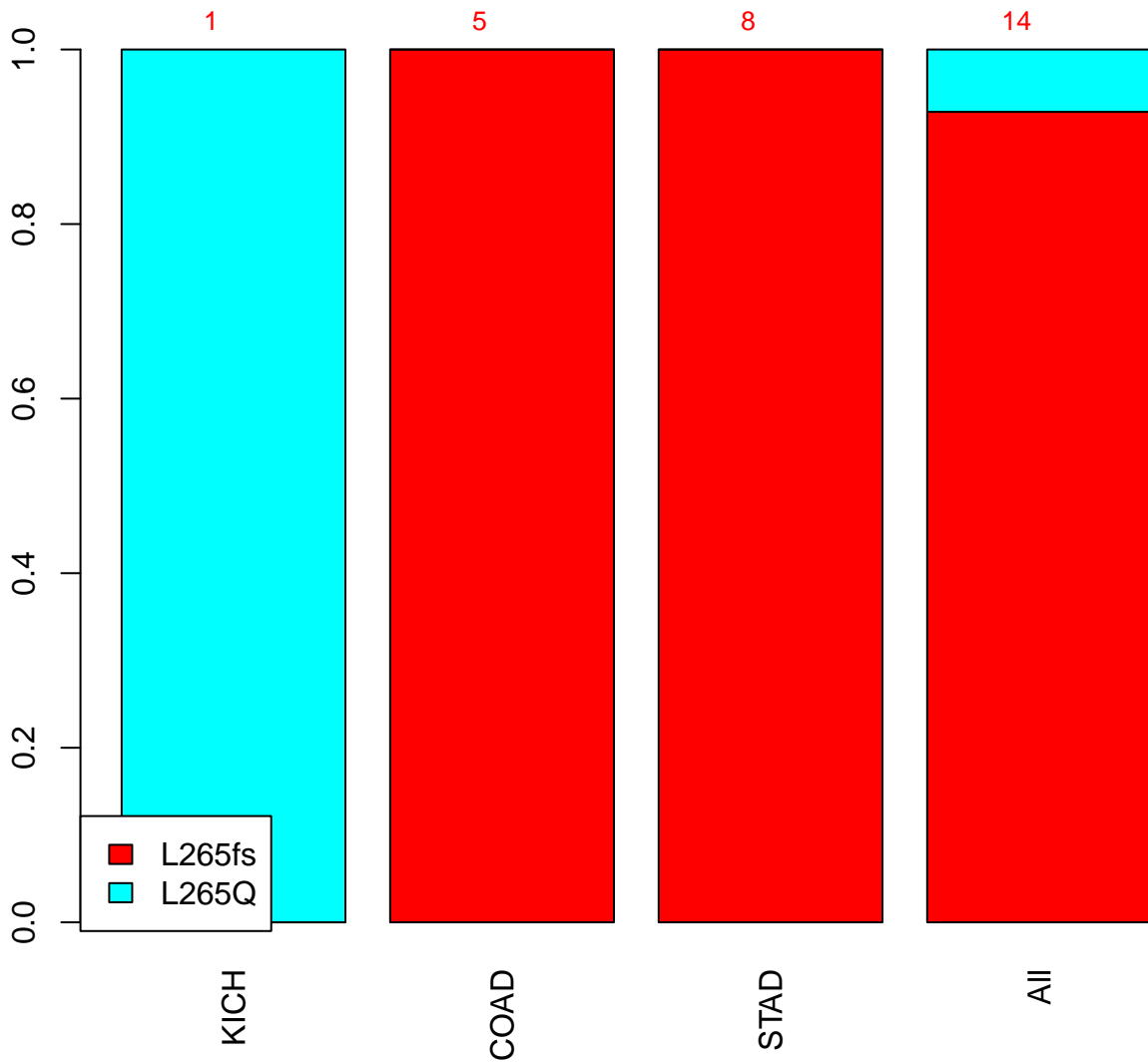
Total number of PTEN L265 mutations in different cancer types



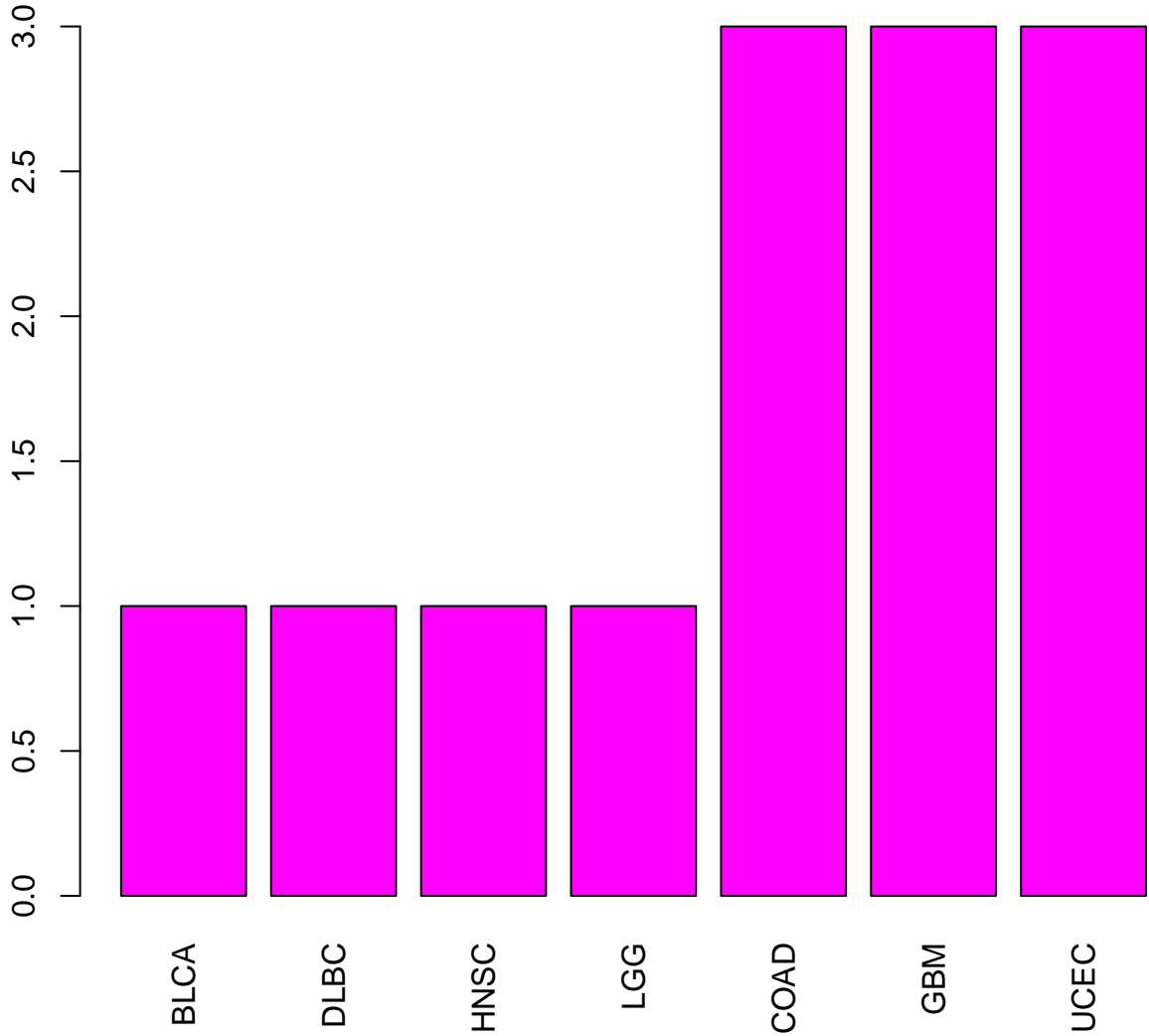
Mutated allele breakdown for PTEN L265 mutations



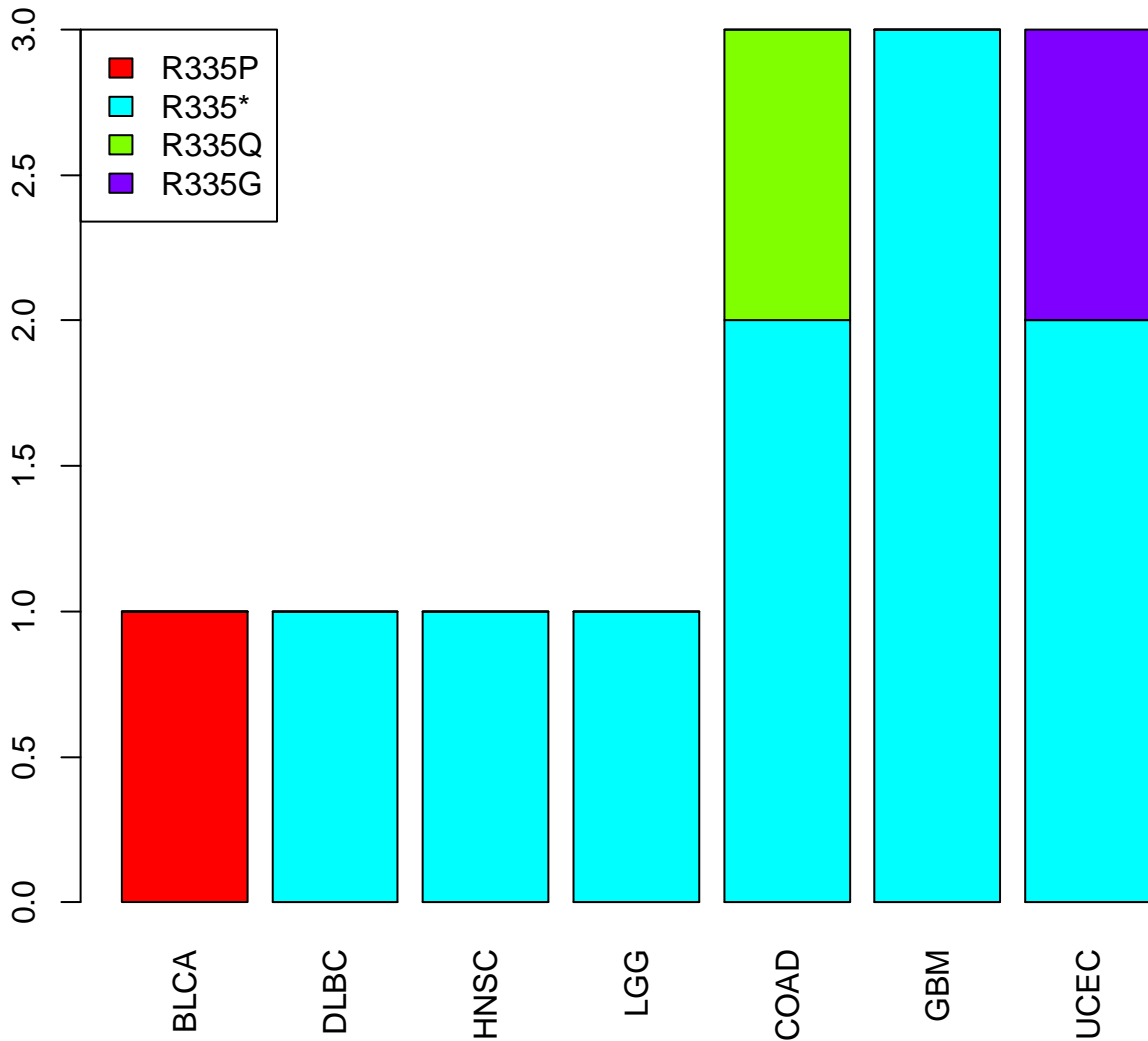
Proportional view of allele breakdown of PTEN L265 mutations



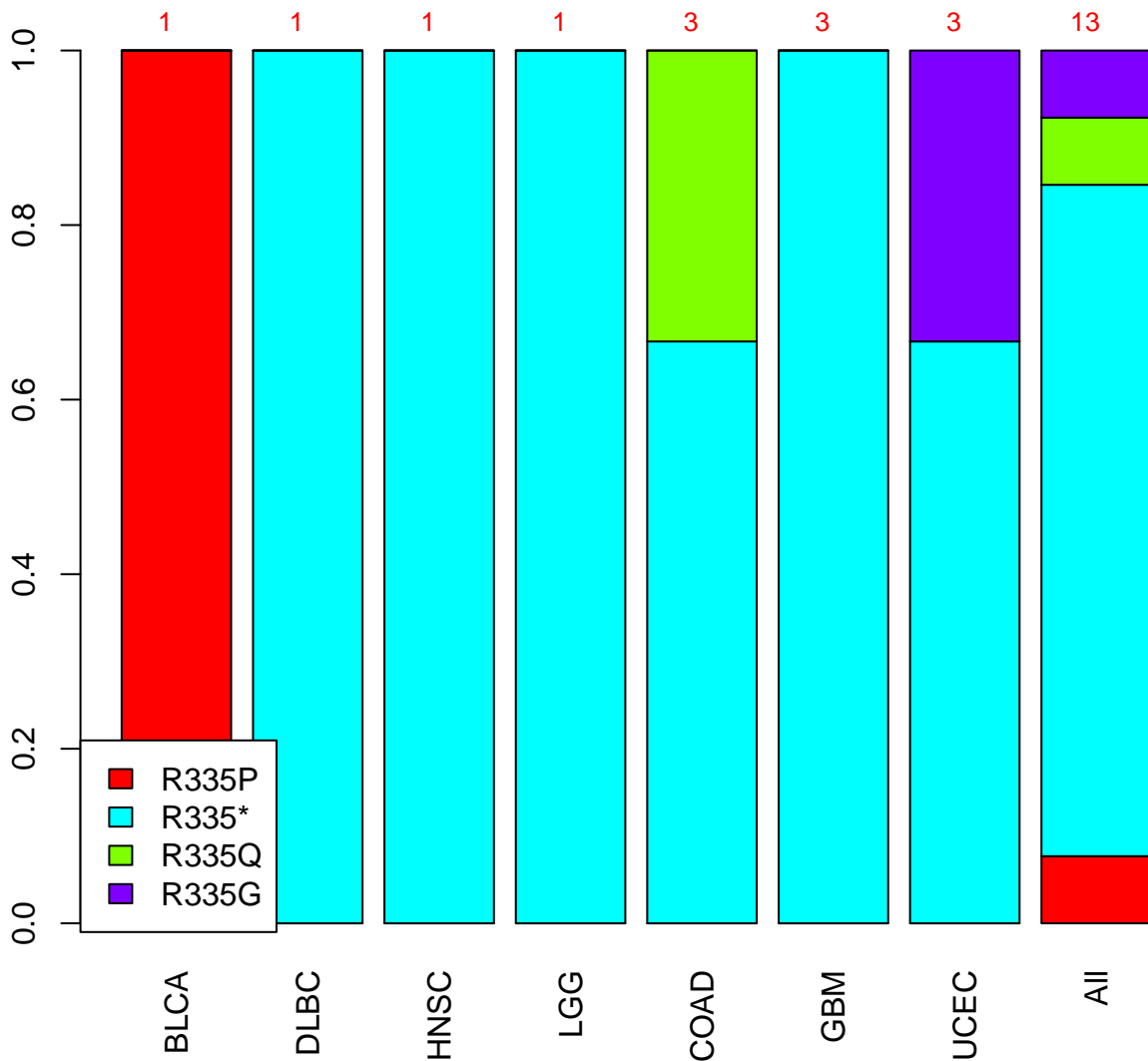
Total number of PTEN **R335** mutations in different cancer types



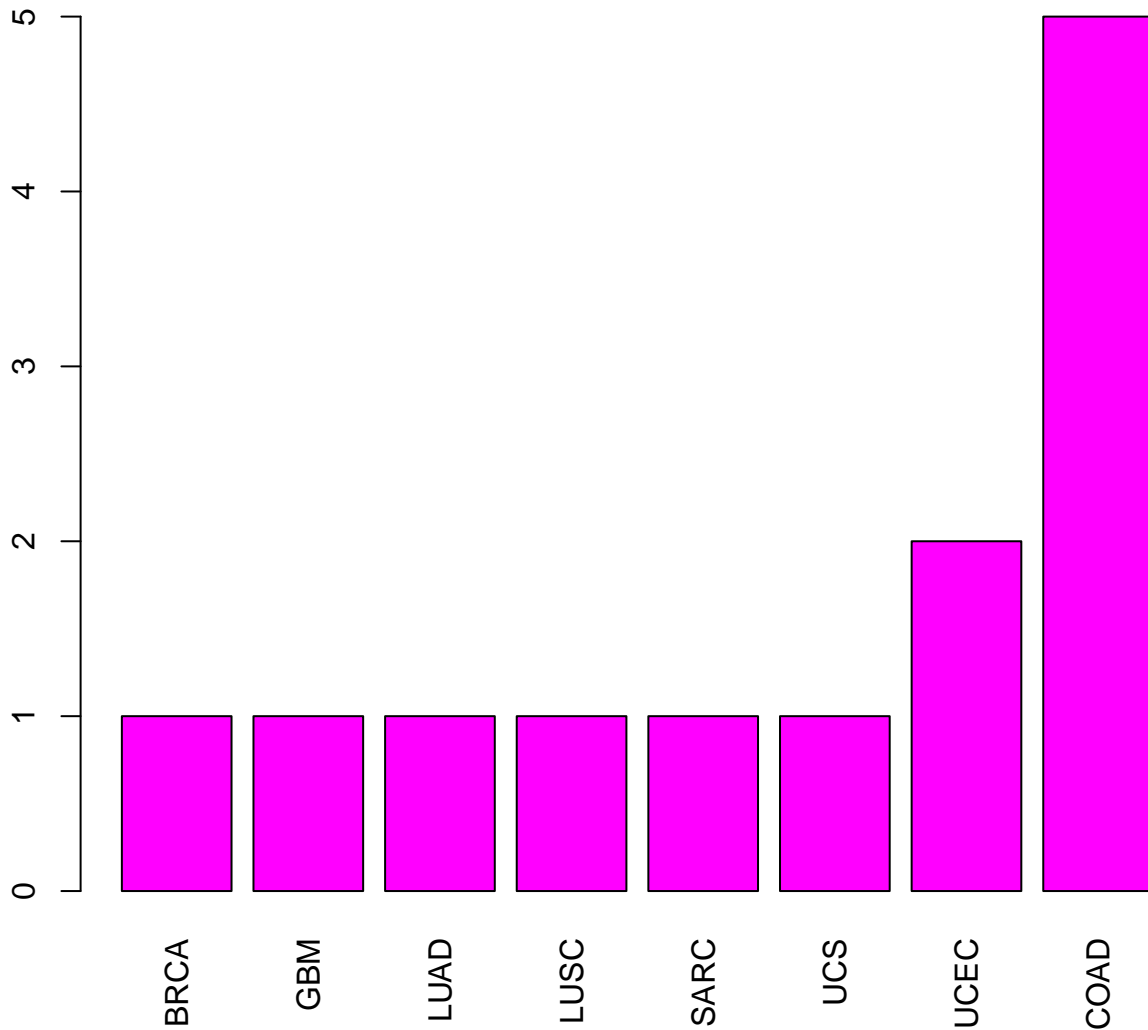
Mutated allele breakdown for PTEN R335 mutations



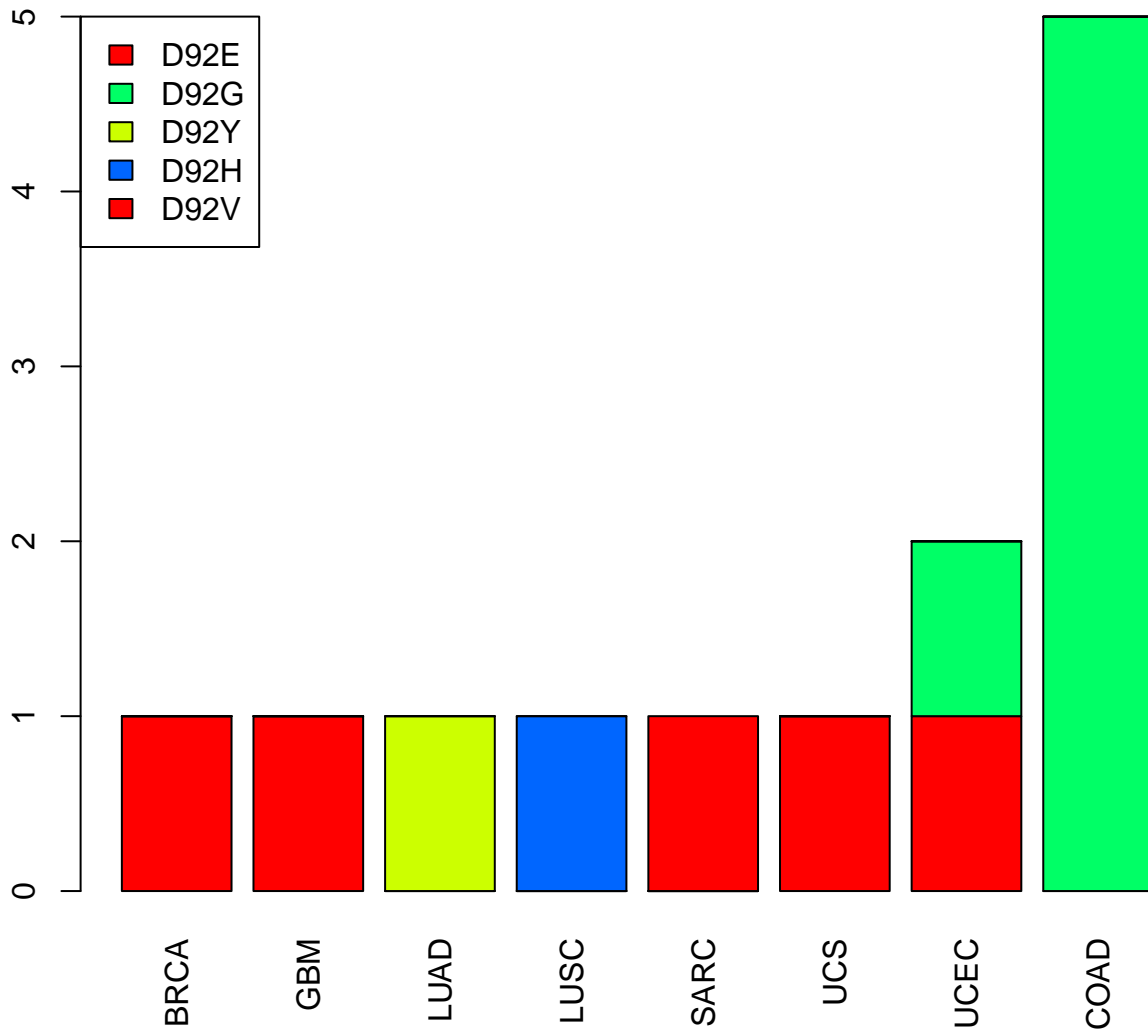
Proportional view of allele breakdown of PTEN R335 mutations



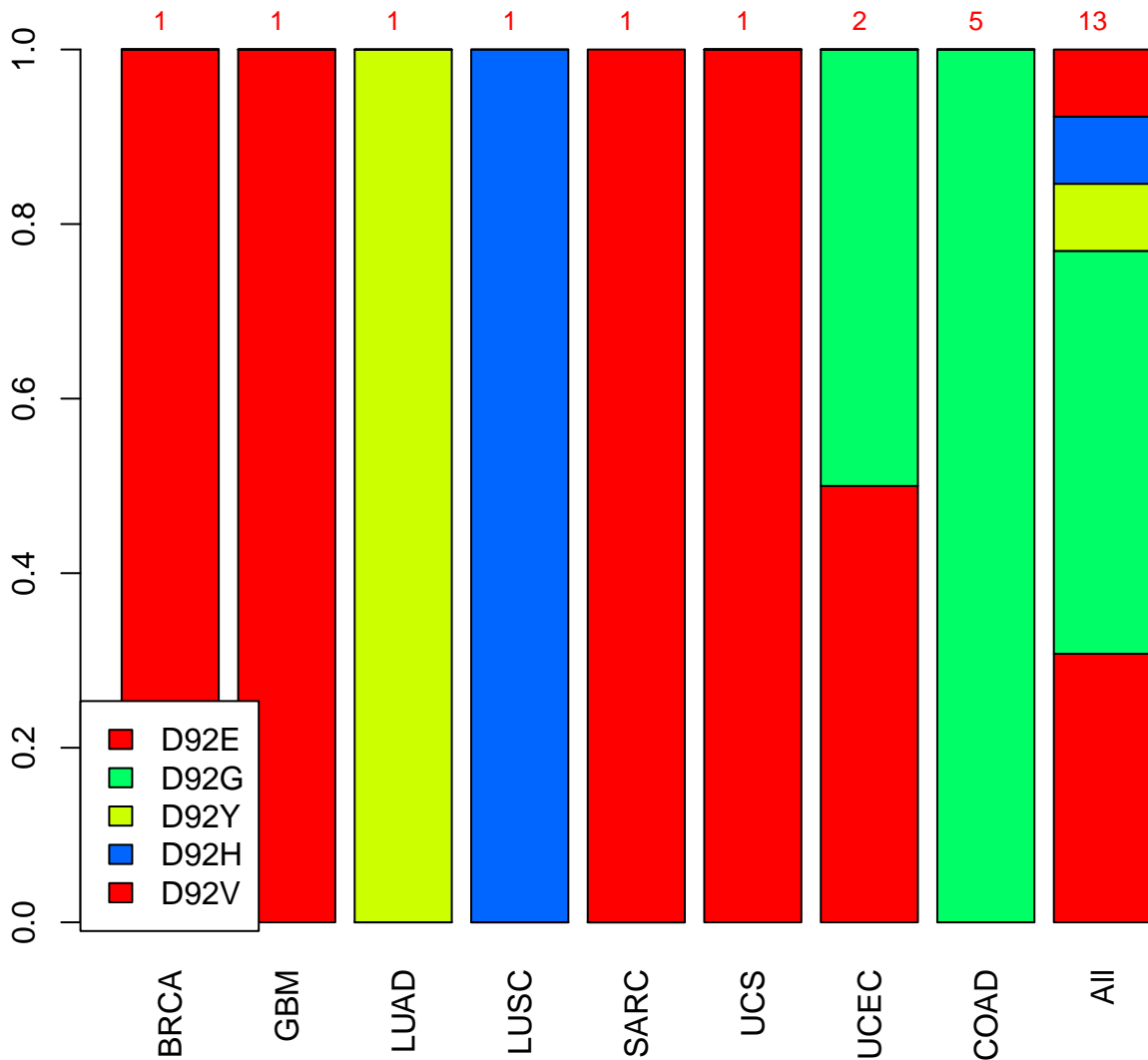
Total number of PTEN **D92** mutations in different cancer types



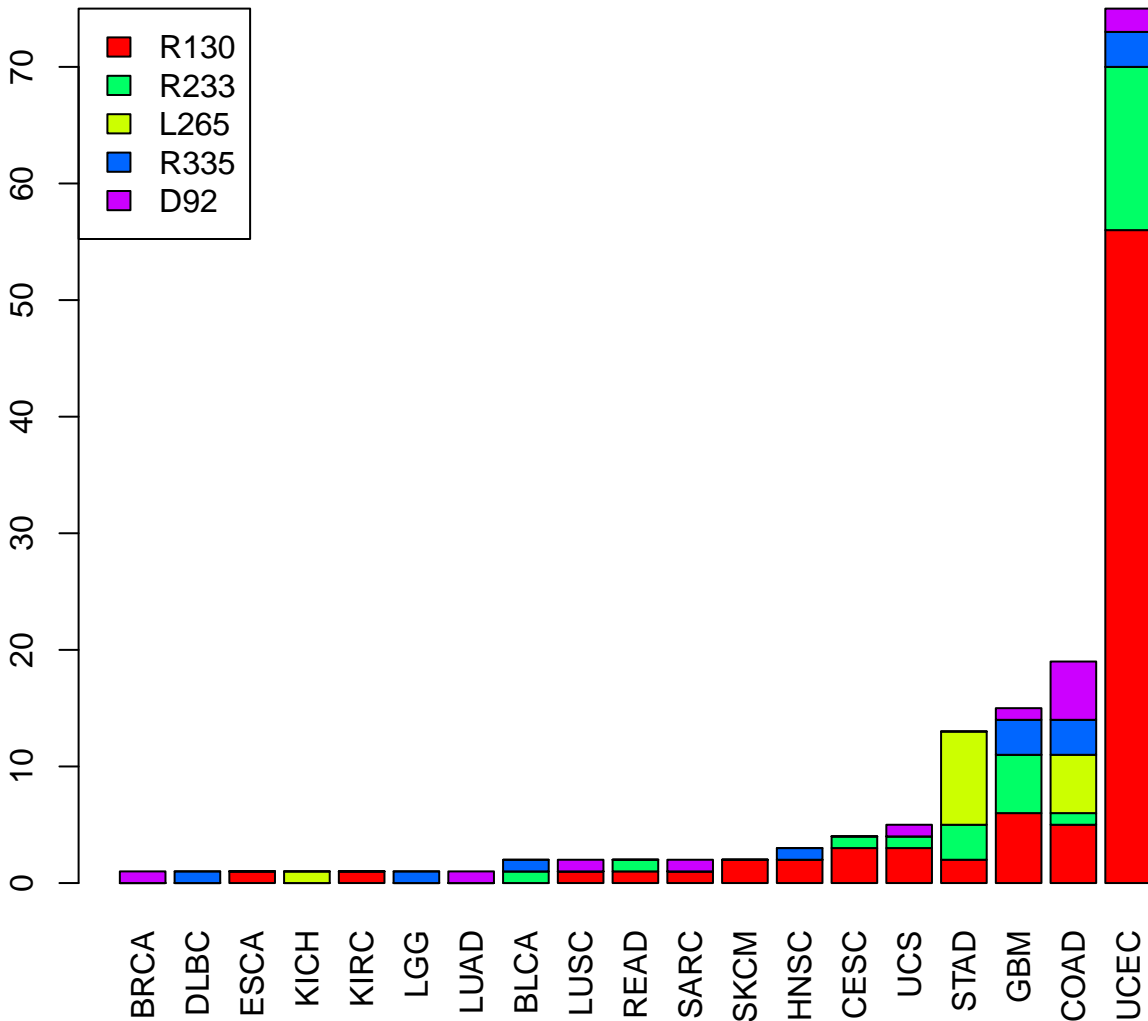
Mutated allele breakdown for PTEN **D92** mutations



Proportional view of allele breakdown of PTEN **D92** mutations



Positional breakdown of PTEN mutations across cancer types



Proportional position breakdown of PTEN mutations

