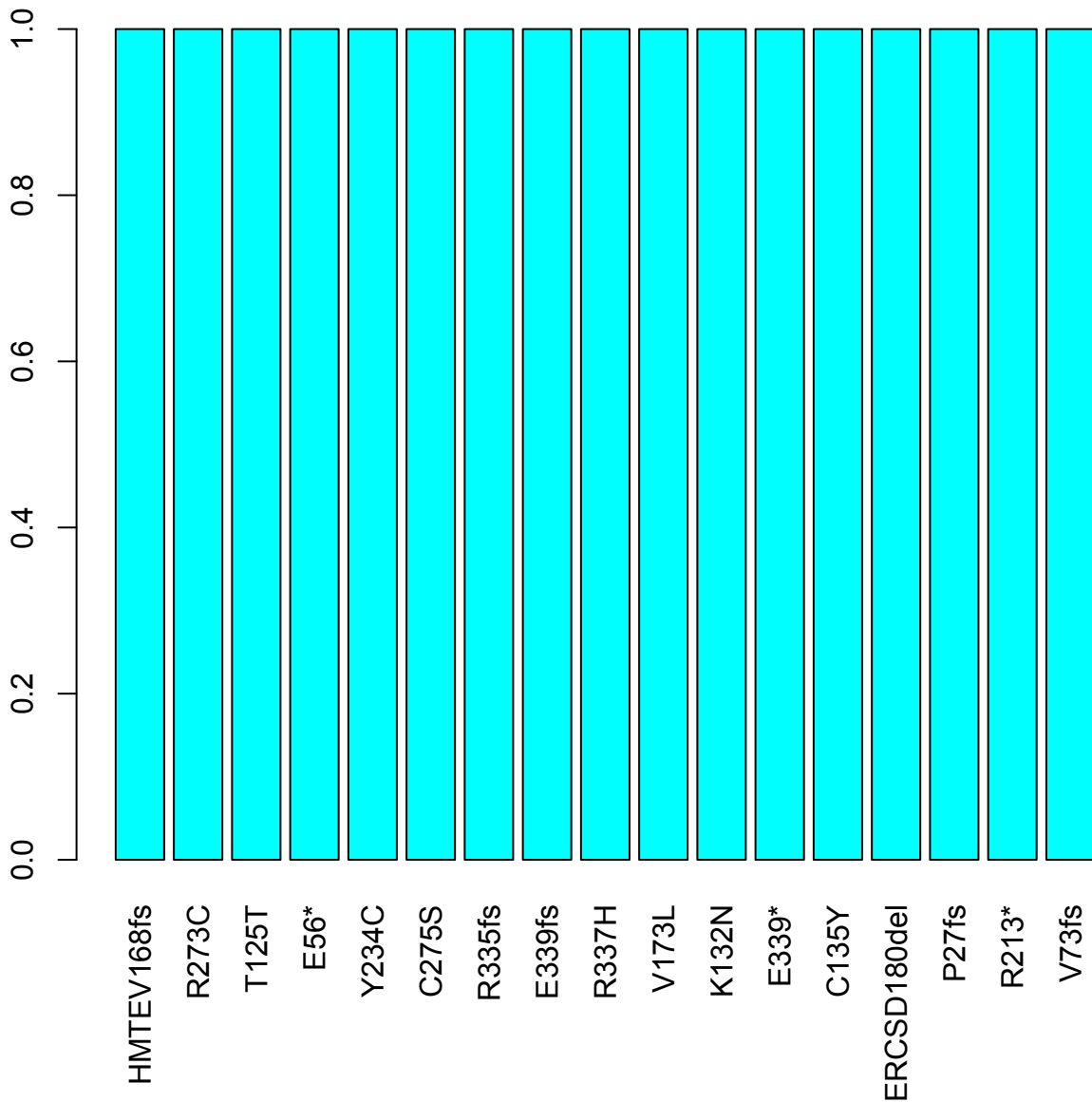


Table of TCGA Cancer Codes

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

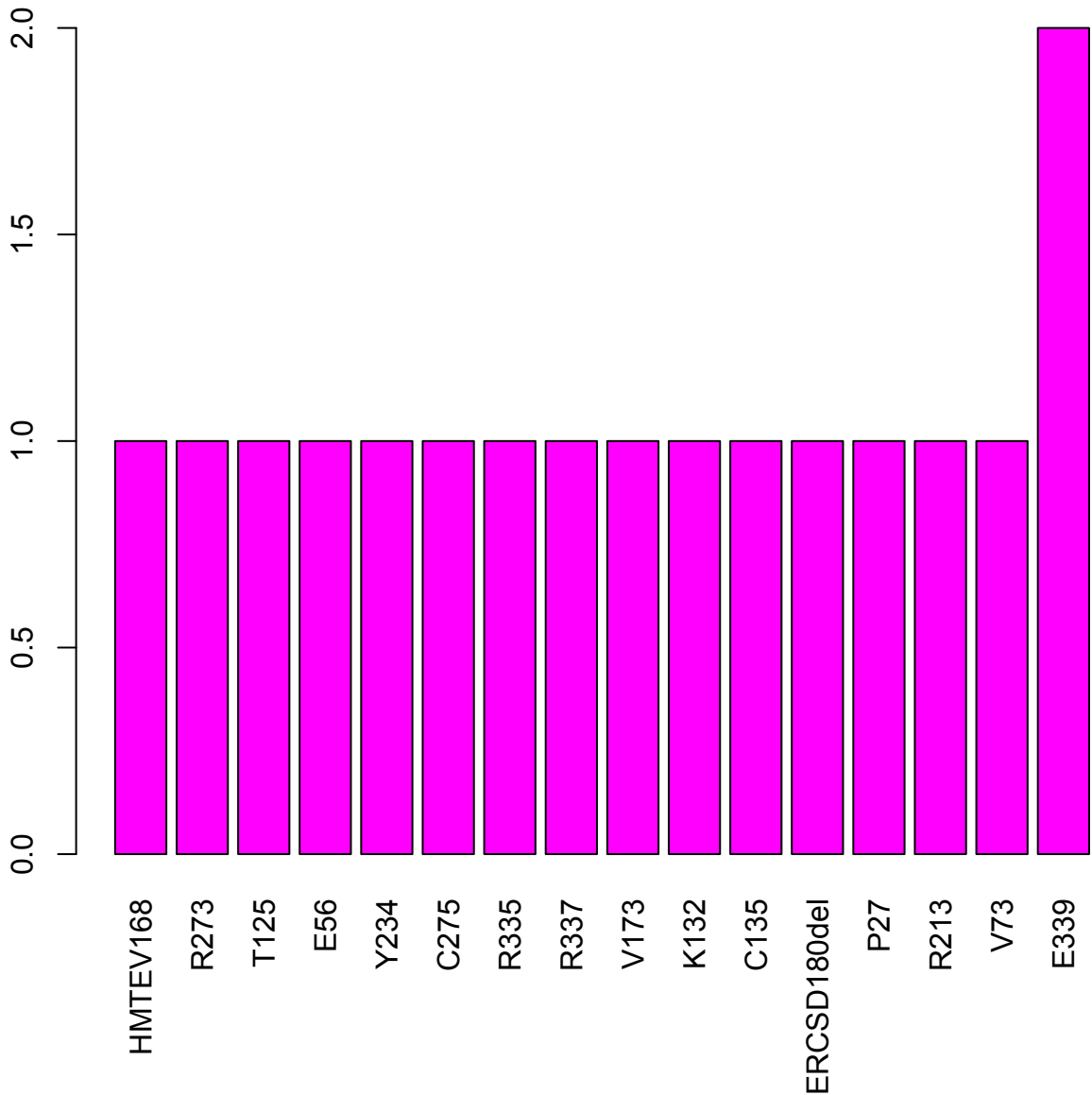
*Number of samples with mutation data

TP53 mutant **alleles** in **adrenocortical** carcinoma (N=90)



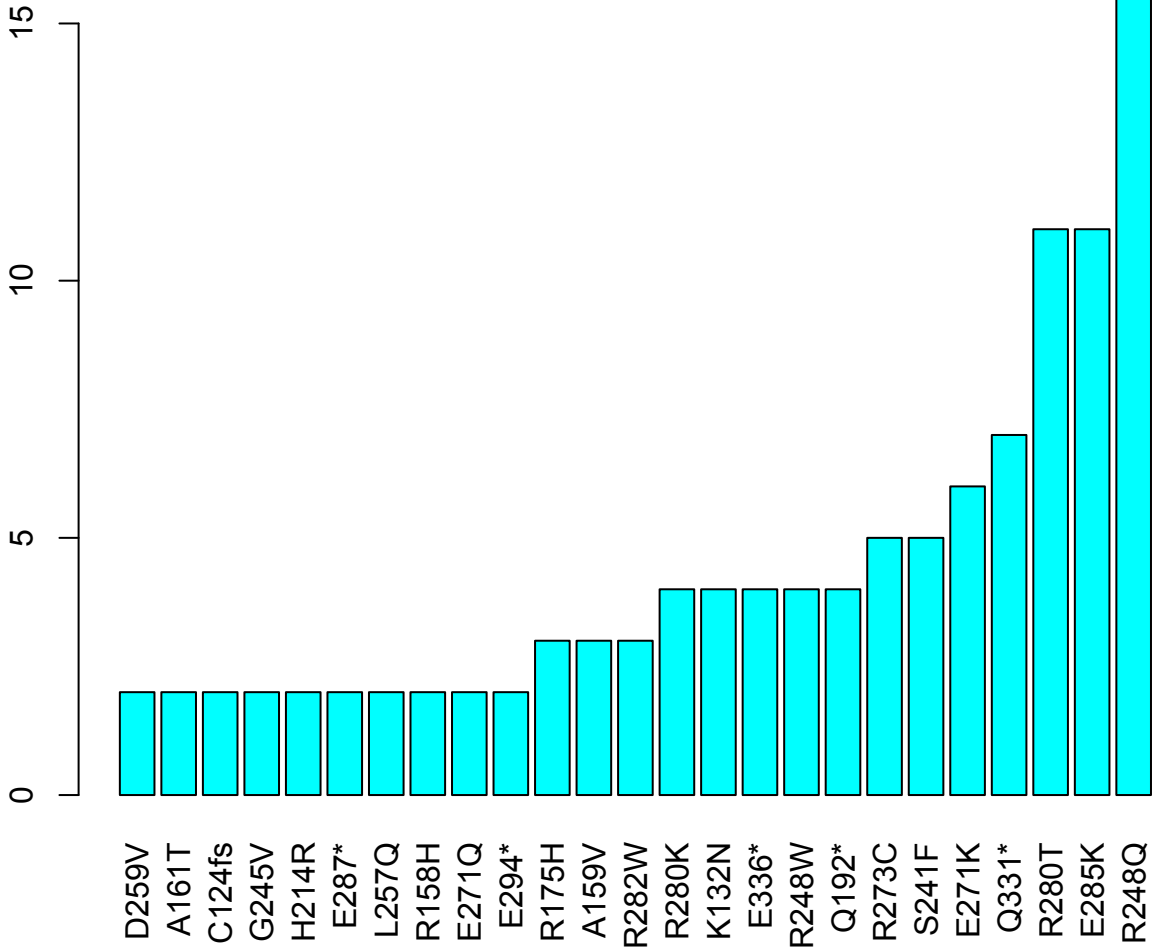
NbrSamples=90 Mutant Samples=18 Total Mutations=17

TP53 mutant **positions** in **adrenocortical** carcinoma (N=90)



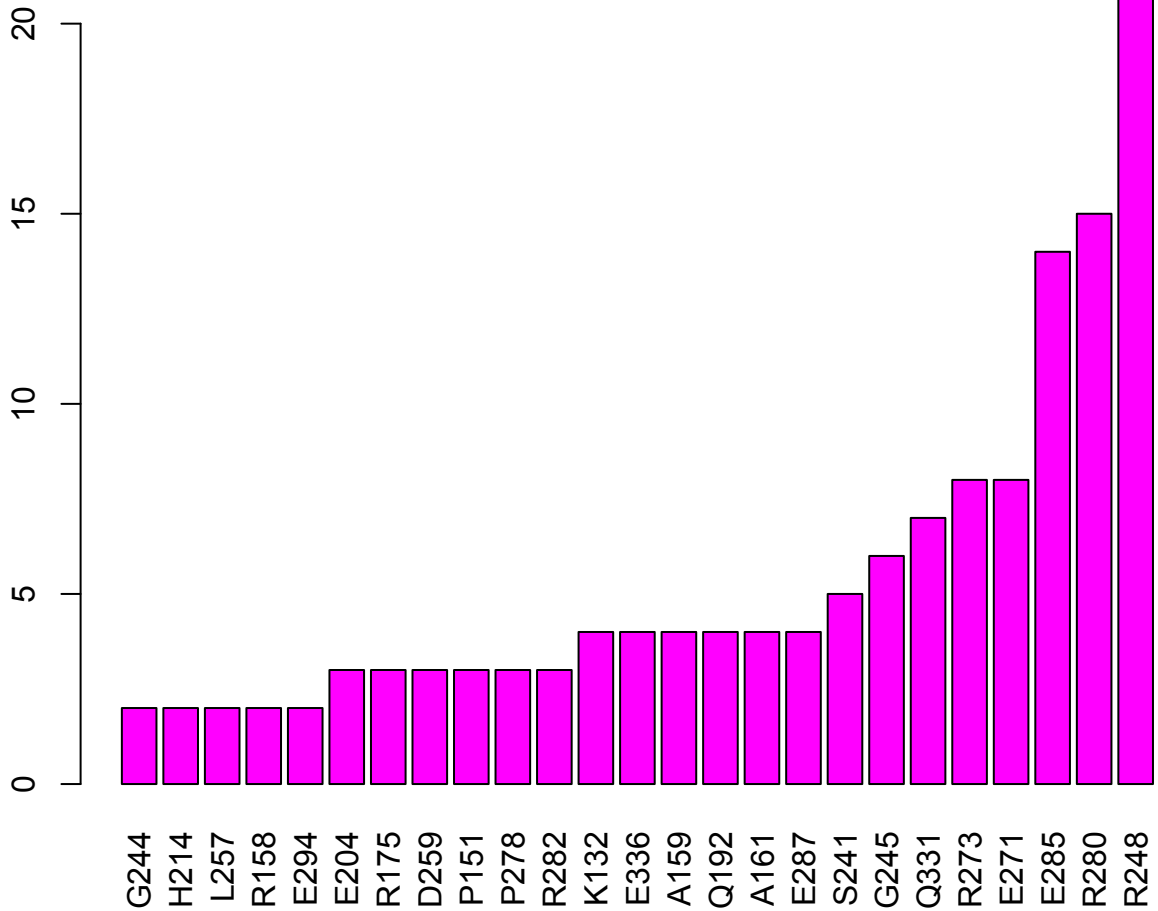
NbrSamples=90 Mutant Samples=18 Total Mutations=17

TP53 mutant **alleles** in **bladder urothelial carcinoma** (N=396), **top 25**



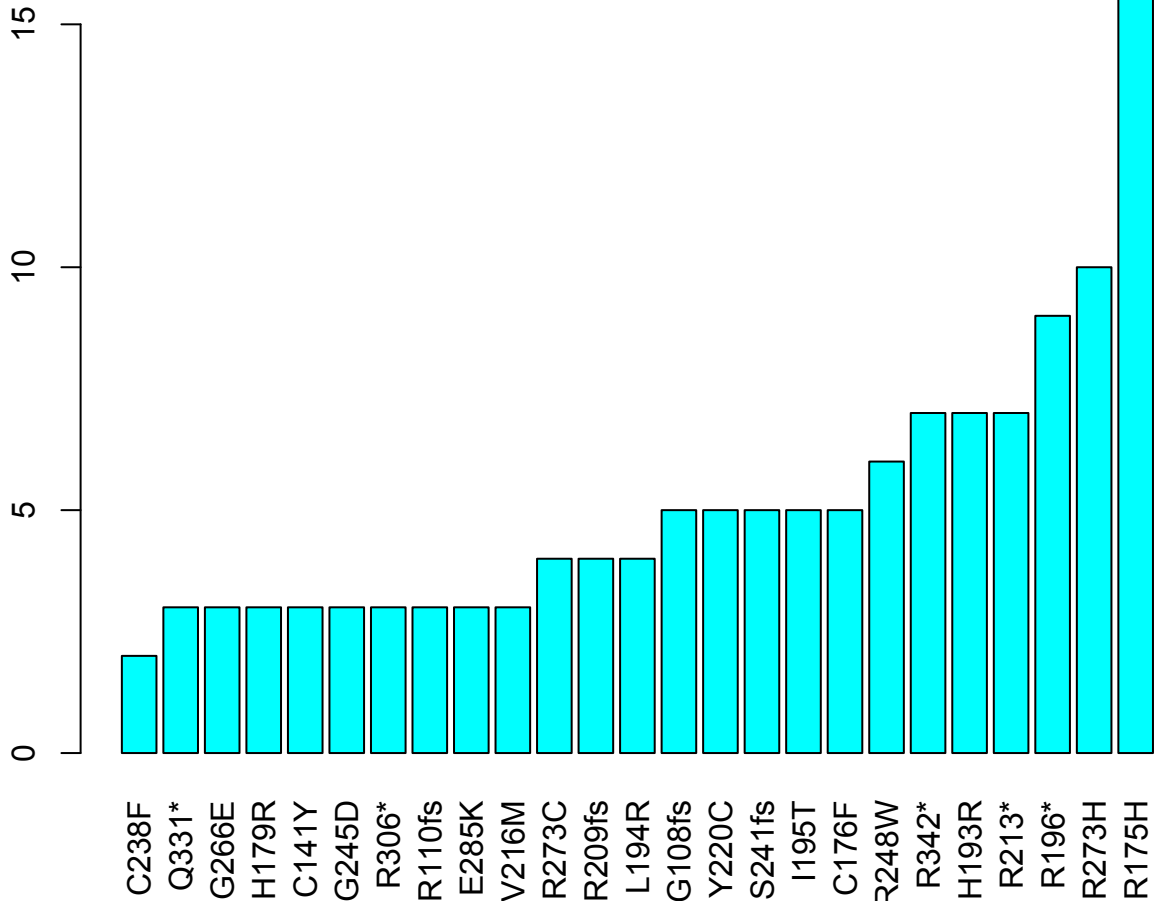
NbrSamples=396 Mutant Samples=198 Total Mutations=226(115 not shown)

TP53 mutant **positions** in **bladder** urothelial carcinoma (N=396), **top 25**



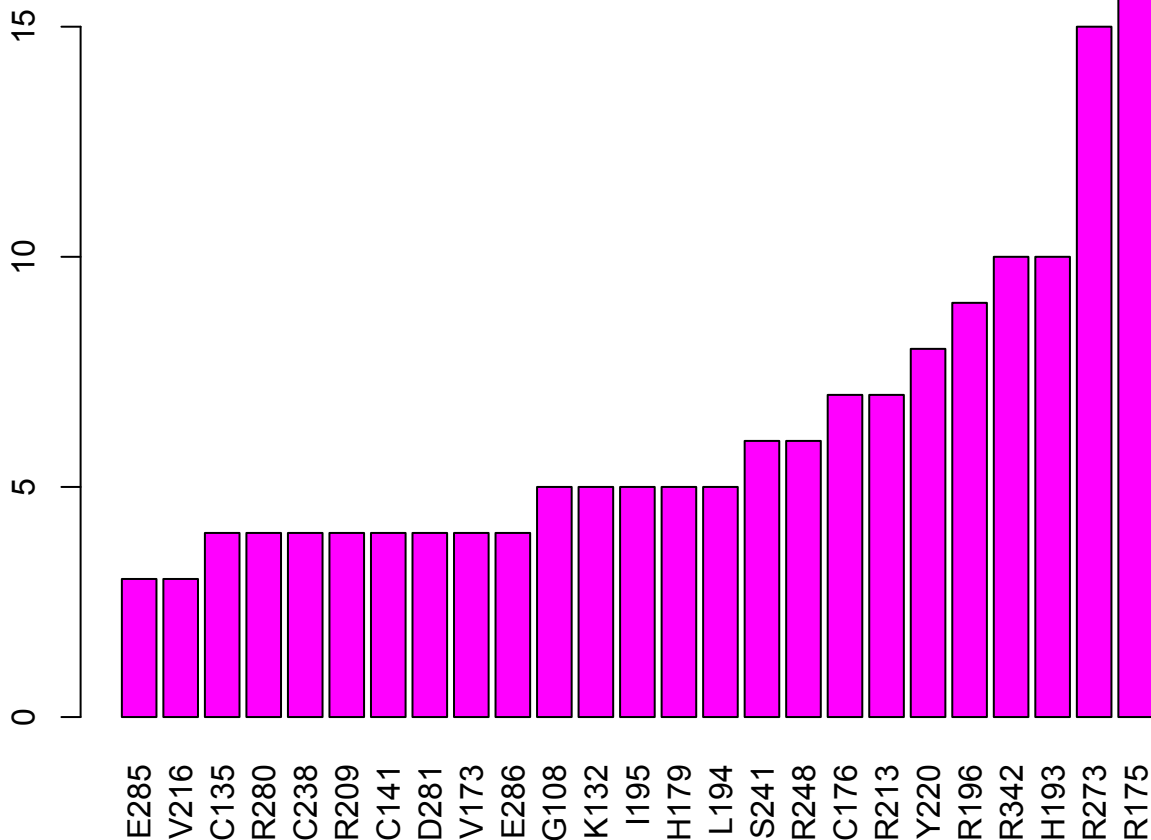
NbrSamples=396 Mutant Samples=198 Total Mutations=226 (88 not shown)

TP53 mutant **alleles** in **breast** invasive carcinoma (N=988), **top 25**



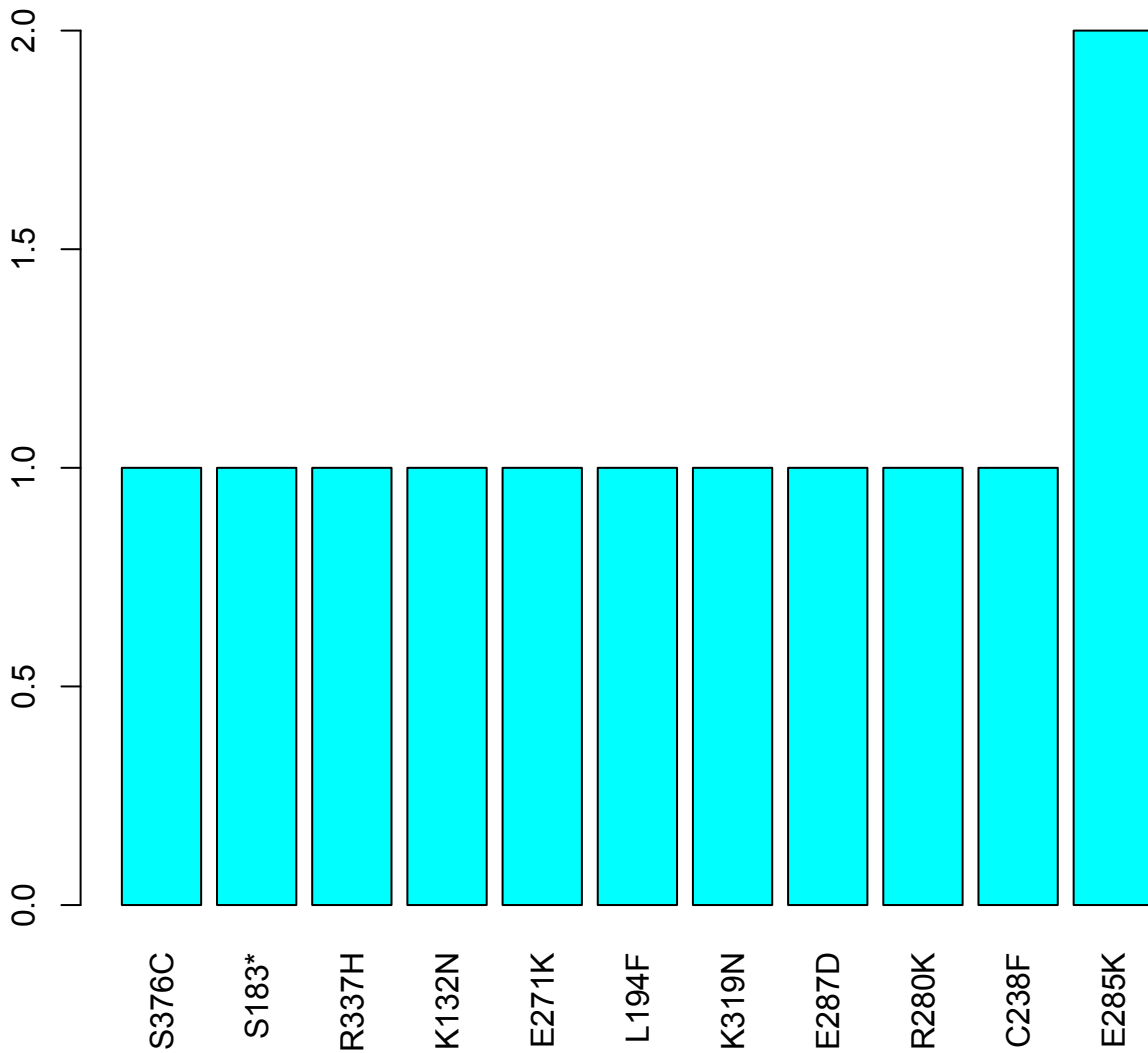
NbrSamples=988 Mutant Samples=305 Total Mutations=288(158 not shown)

TP53 mutant positions in breast invasive carcinoma (N=988), top 25



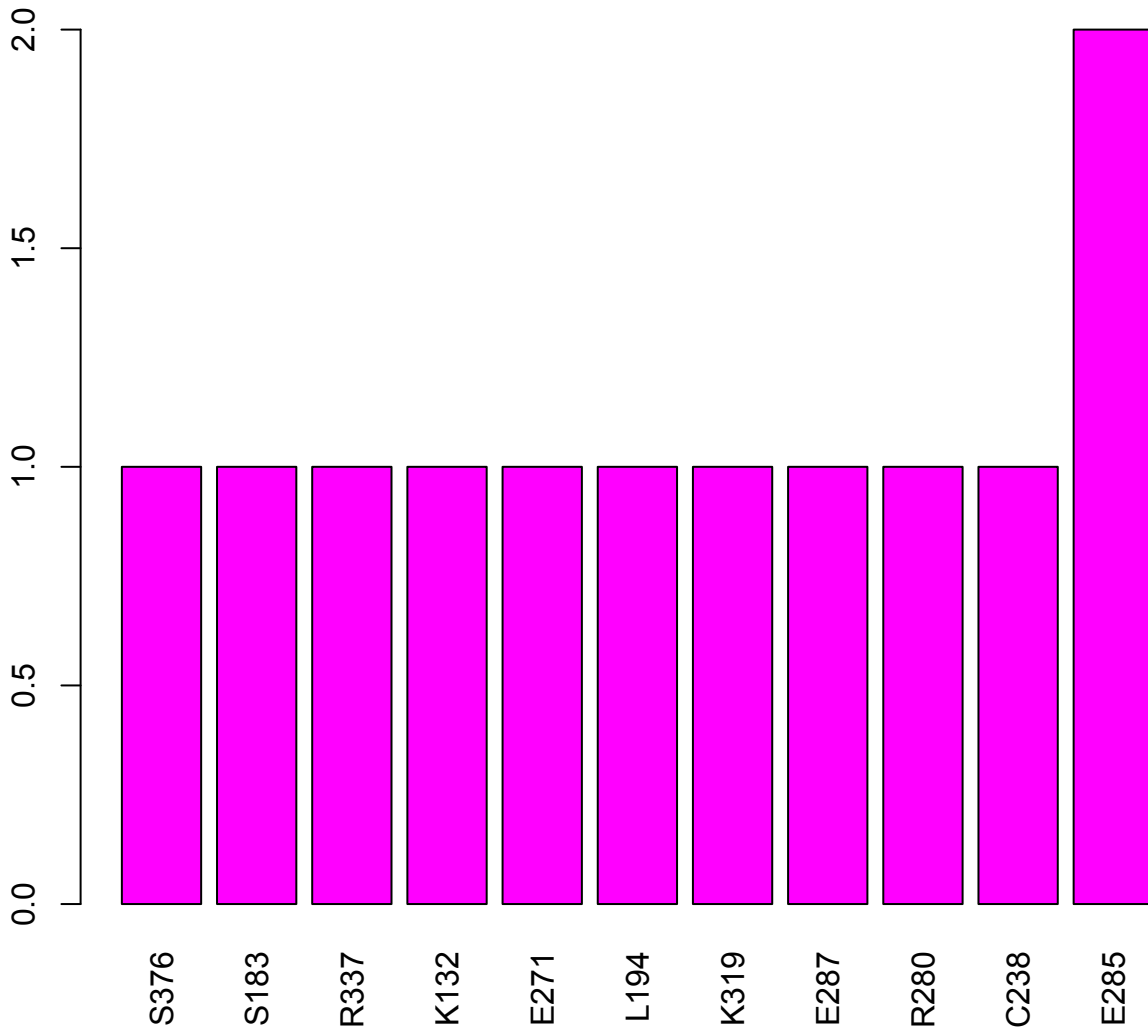
NbrSamples=988 Mutant Samples=305 Total Mutations=288 (128 not shown)

TP53 mutant **alleles** in **cervical** squamous cell carcinoma and endocervical adenocarcinoma (N=194)



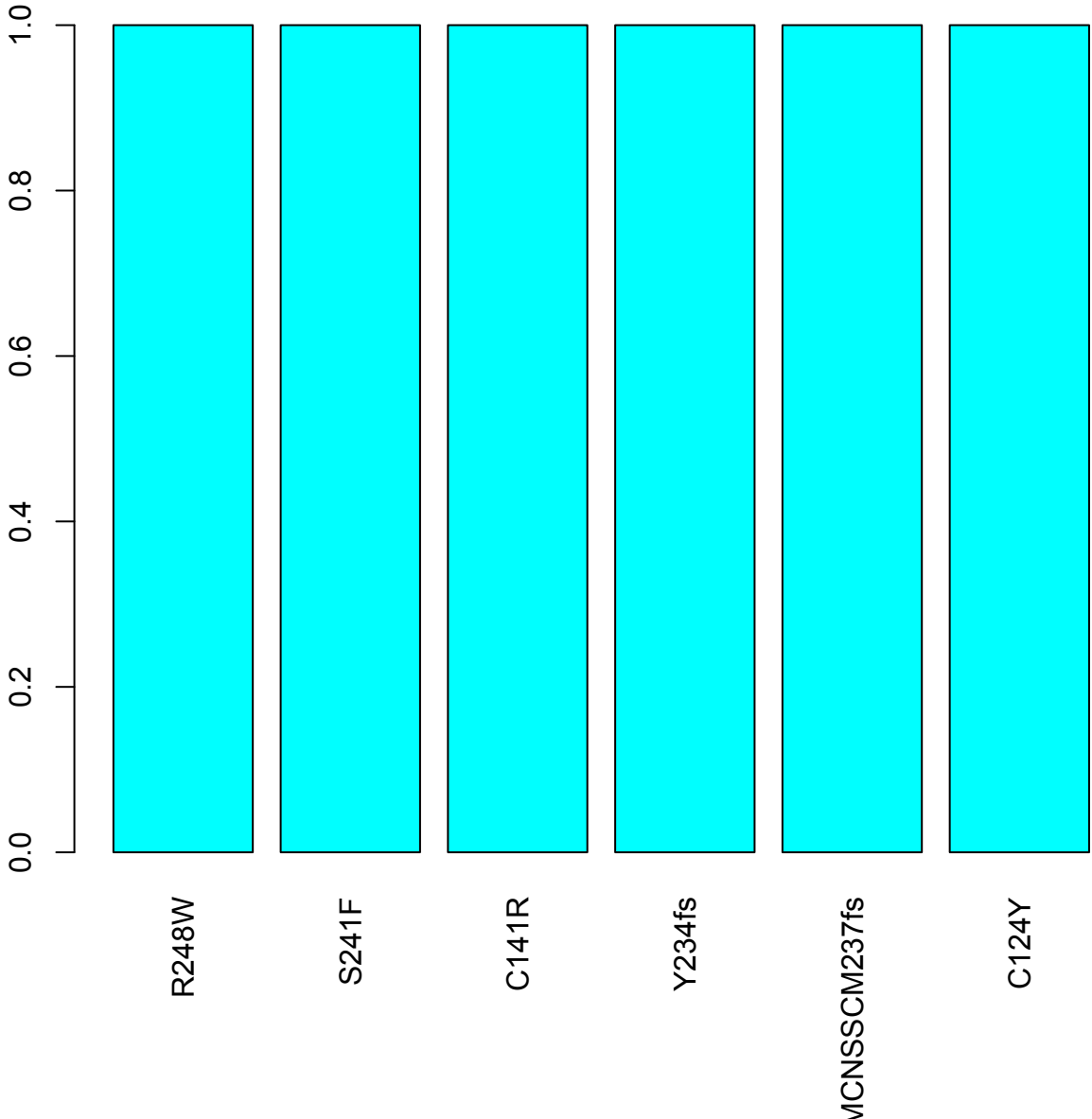
NbrSamples=194 Mutant Samples=9 Total Mutations=12

TP53 mutant **positions** in **cervical** squamous cell carcinoma and endocervical adenocarcinoma (N=194)



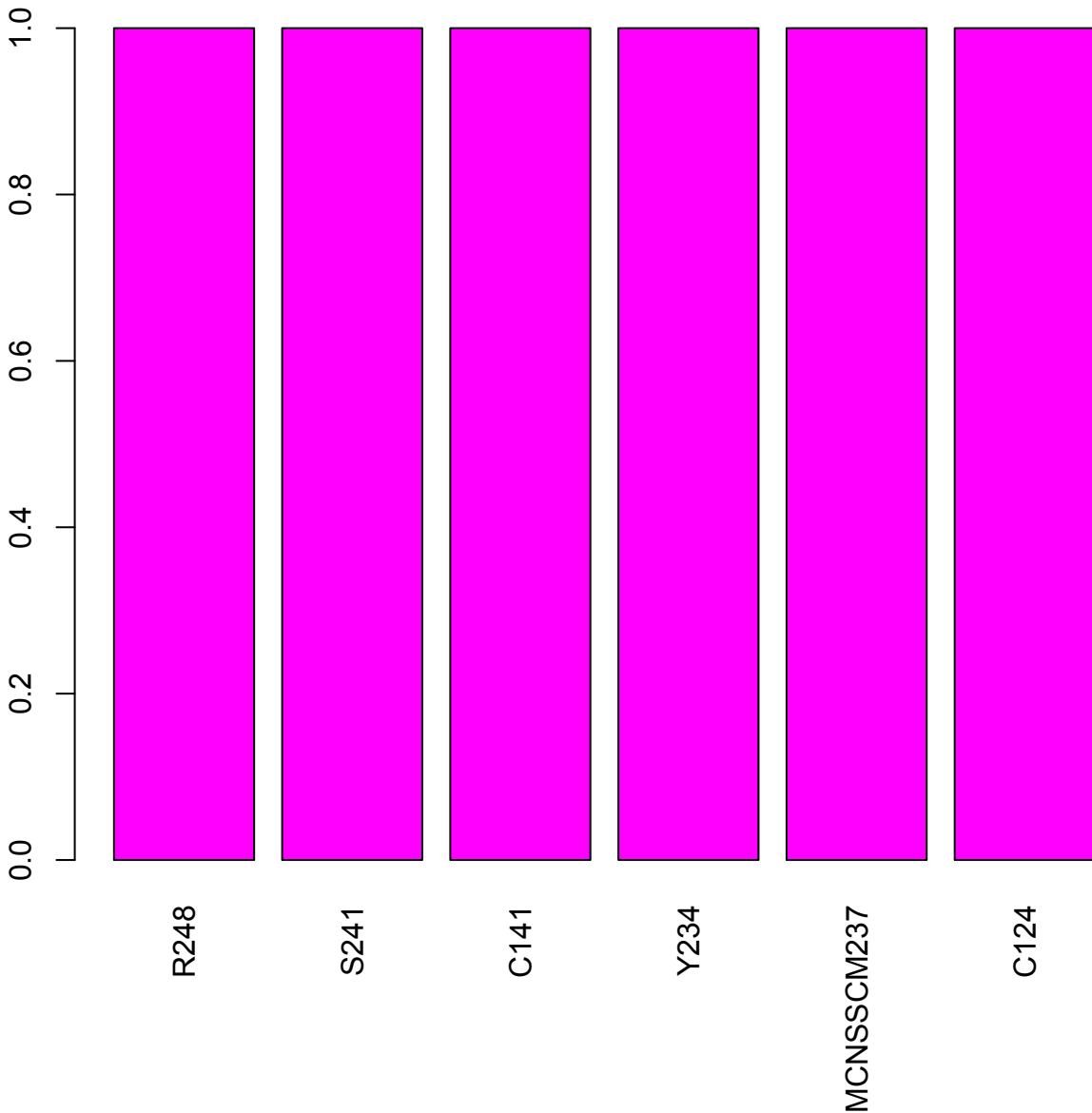
NbrSamples=194 Mutant Samples=9 Total Mutations=12

TP53 mutant **alleles** in **cholangiocarcinoma** (N=35)



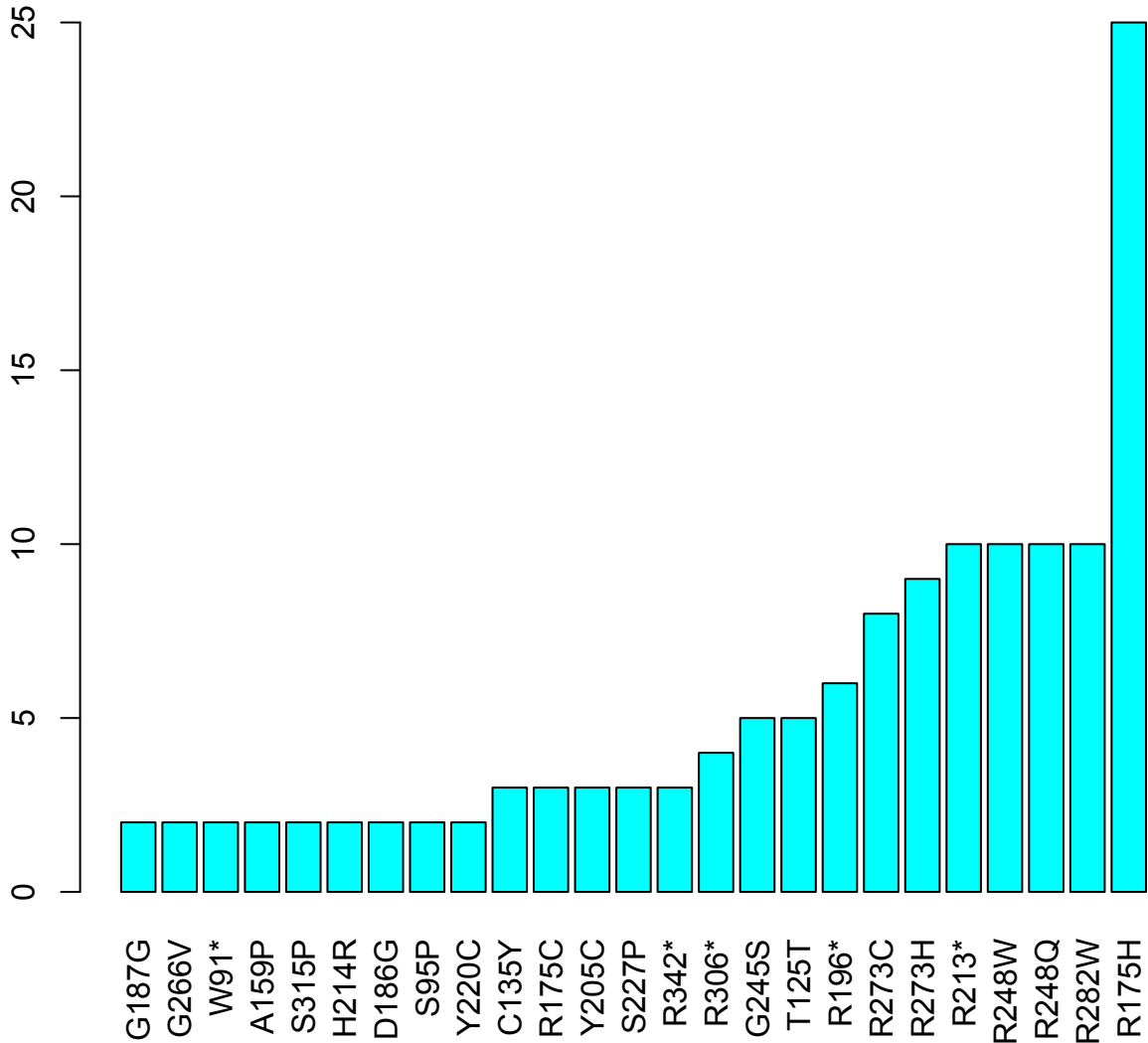
NbrSamples=35 Mutant Samples=5 Total Mutations=6

TP53 mutant positions in cholangiocarcinoma (N=35)



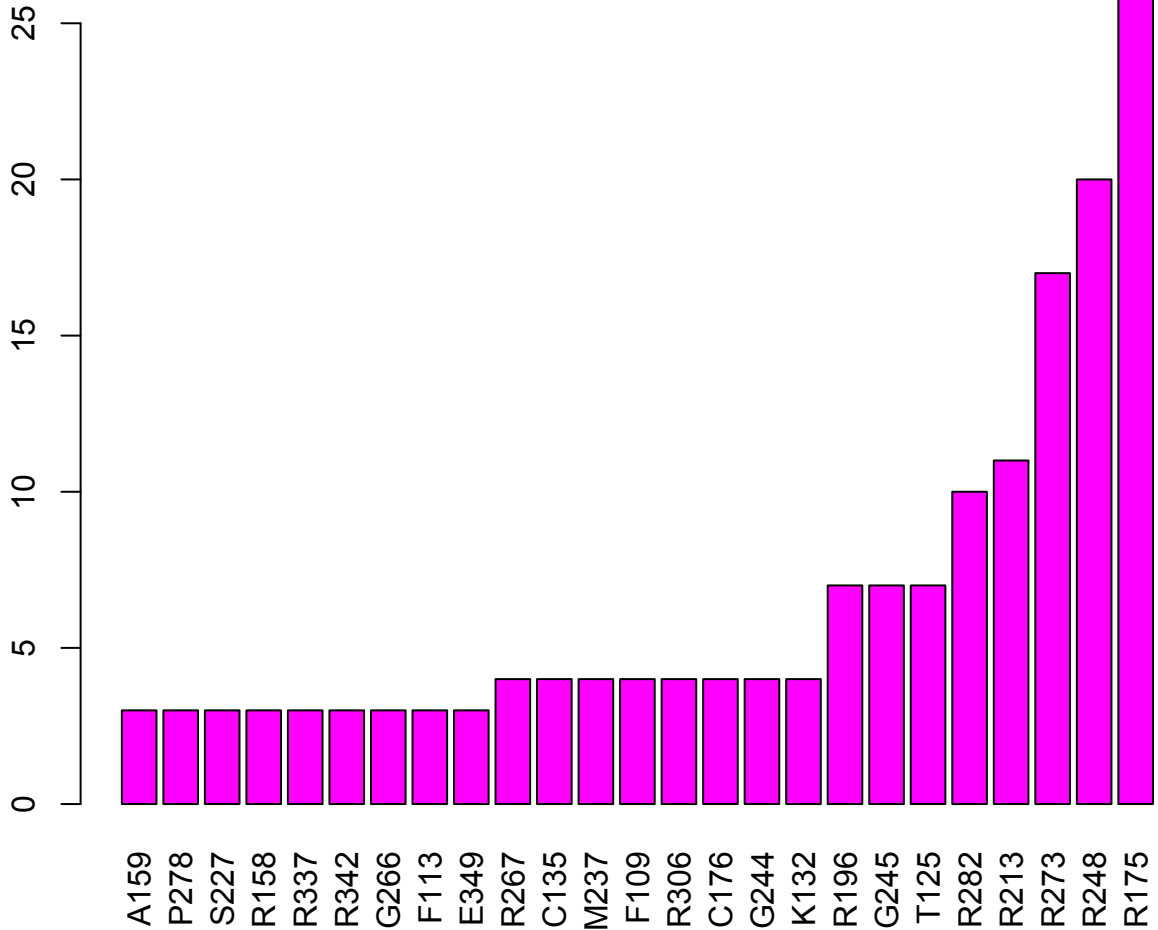
NbrSamples=35 Mutant Samples=5 Total Mutations=6

TP53 mutant **alleles** in **colon** adenocarcinoma (N=367), **top 25**



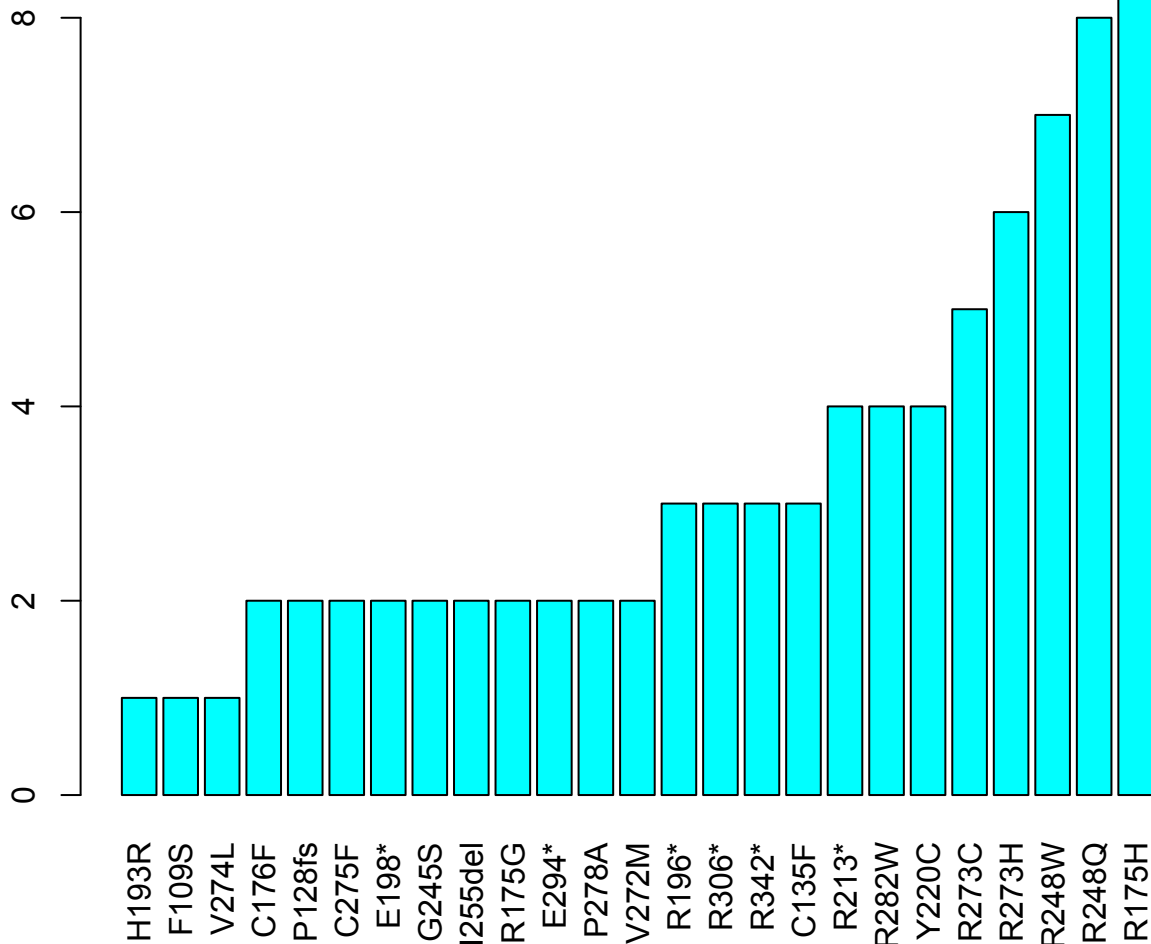
NbrSamples=367 Mutant Samples=233 Total Mutations=328(193 not shown)

TP53 mutant **positions** in **colon** adenocarcinoma (N=367), **top 25**



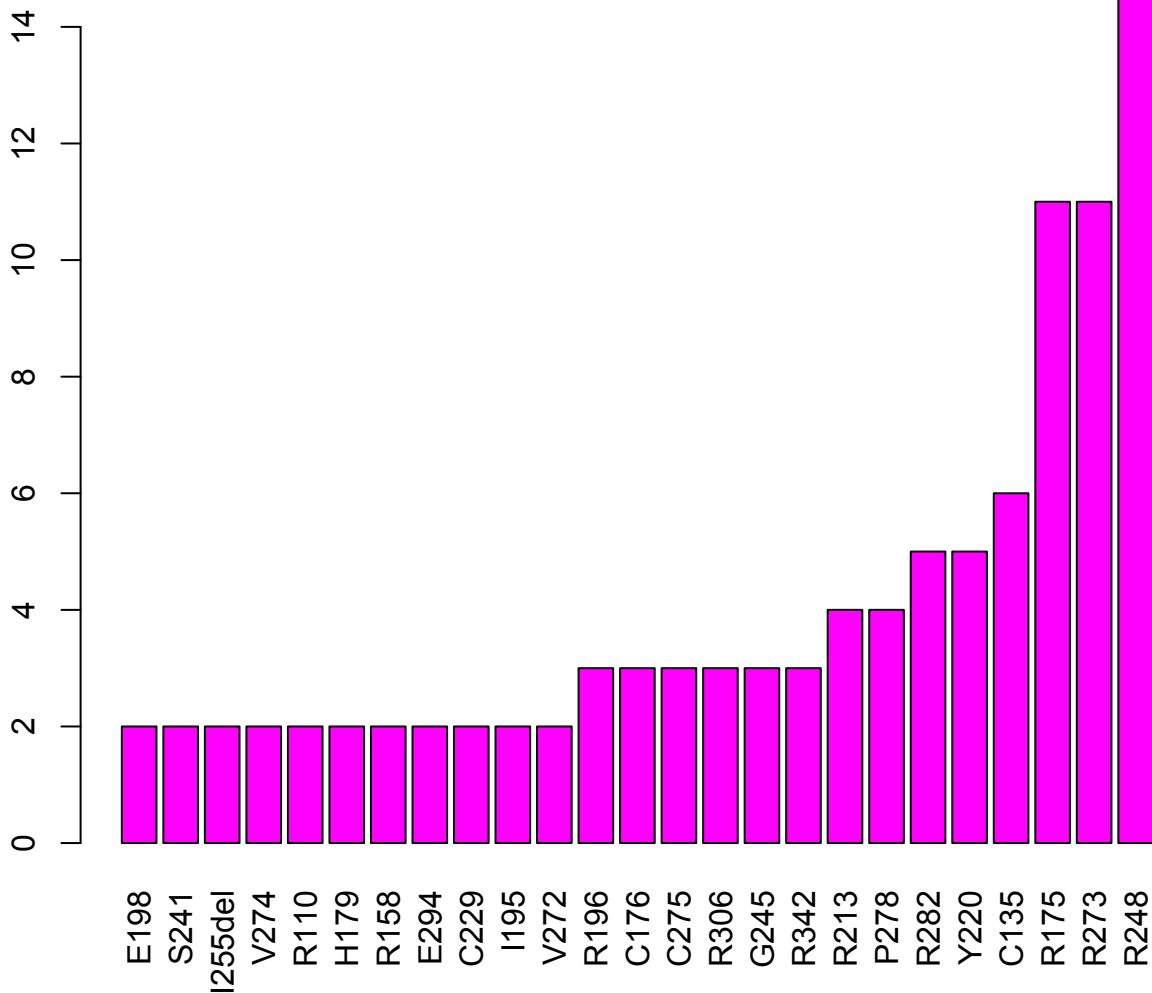
NbrSamples=367 Mutant Samples=233 Total Mutations=328 (162 not shown)

TP53 mutant **alleles** in **esophageal** carcinoma (N=185), **top 25**



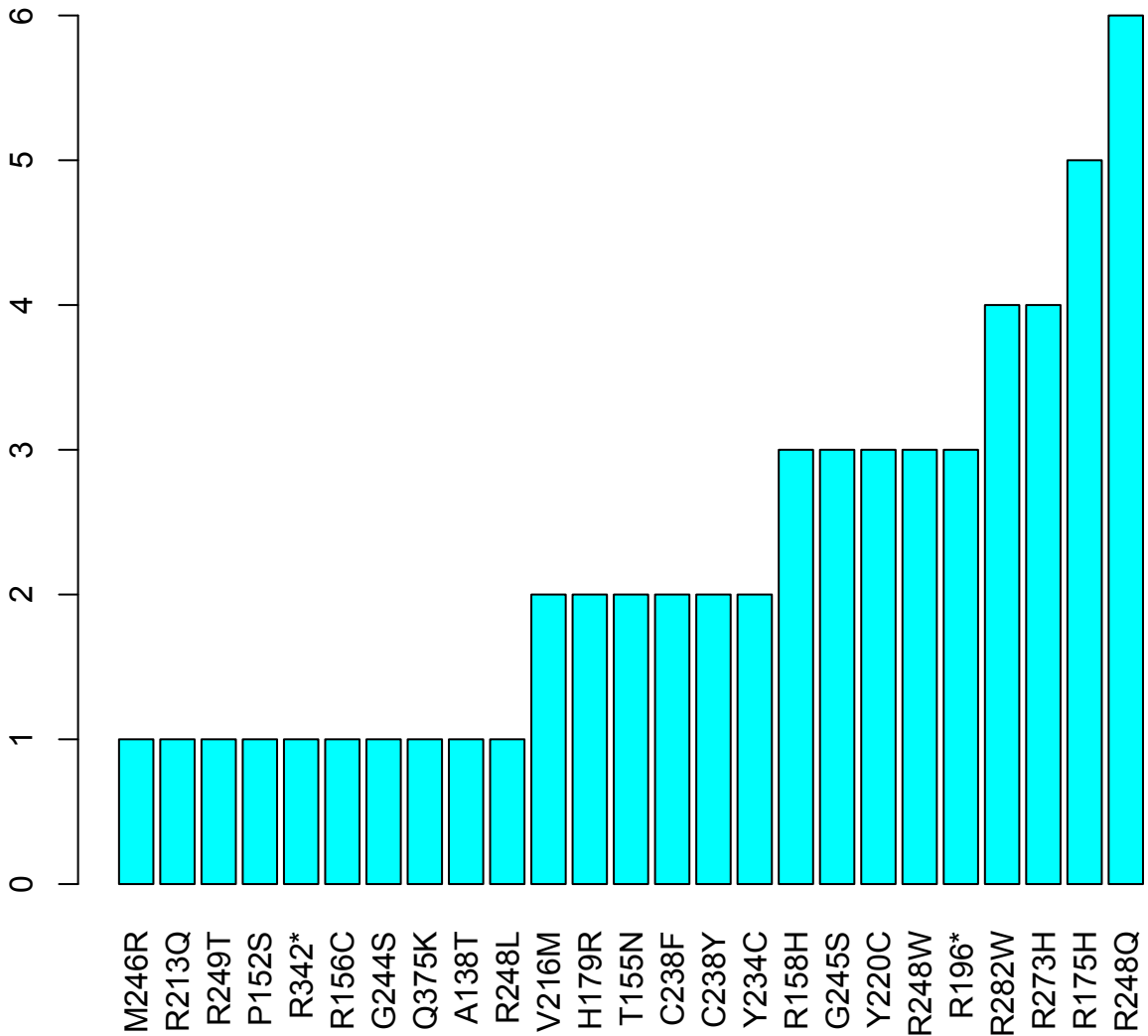
NbrSamples=185 Mutant Samples=153 Total Mutations=164(82 not shown)

TP53 mutant **positions** in **esophageal** carcinoma (N=185), **top 25**



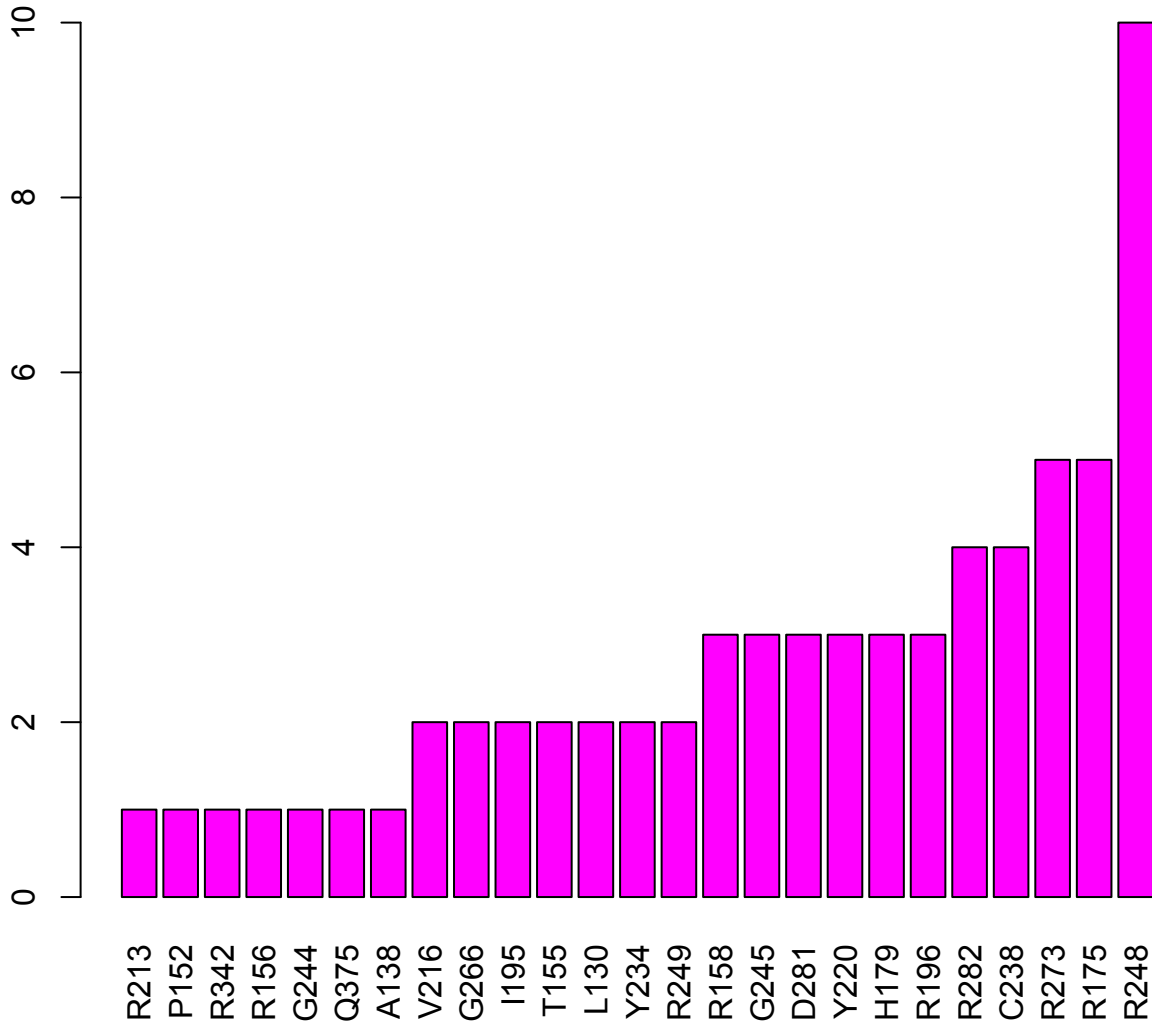
NbrSamples=185 Mutant Samples=153 Total Mutations=164 (63 not shown)

TP53 mutant **alleles** in **glioblastoma** multiforme (N=290), **top 25**



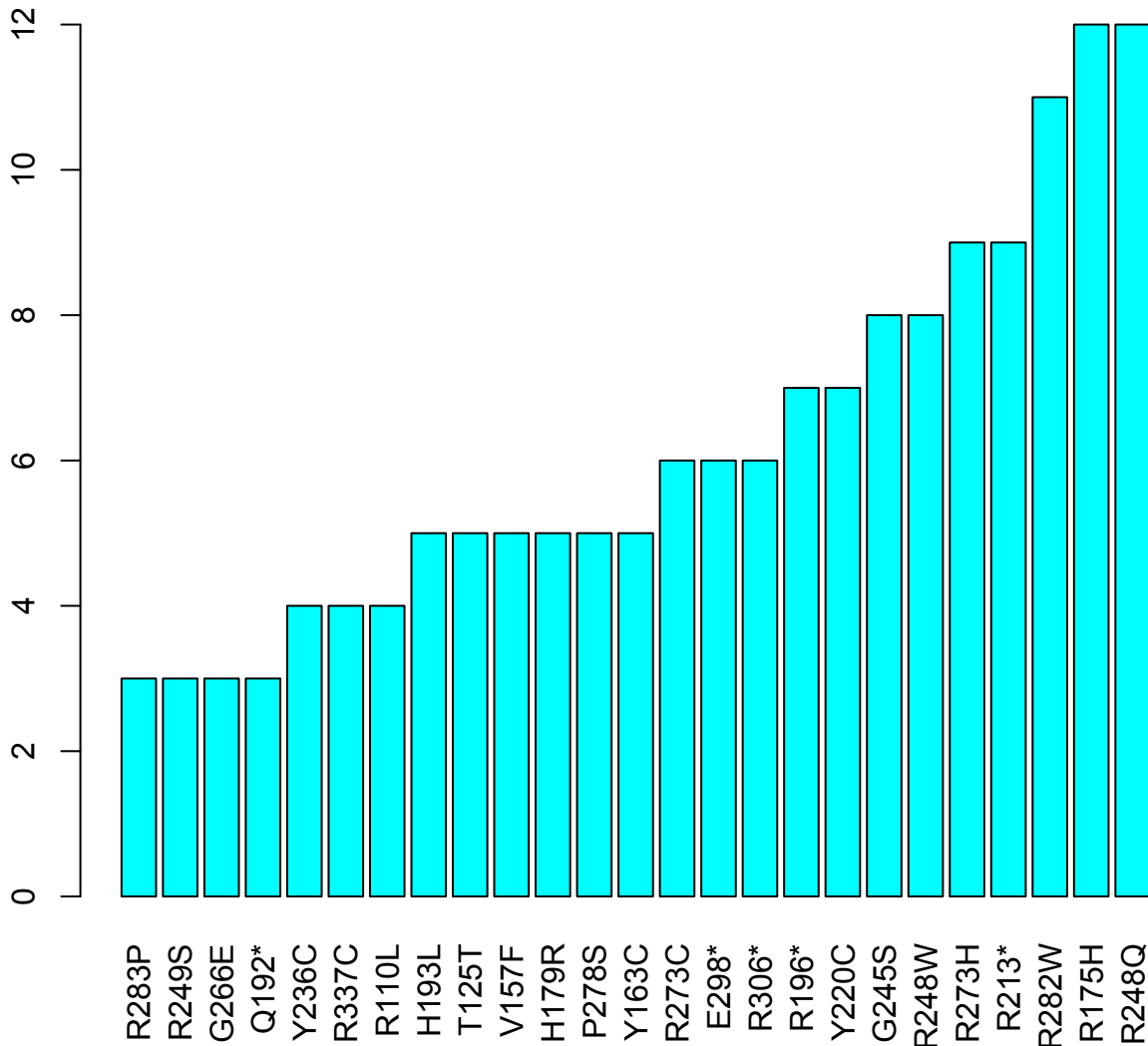
NbrSamples=290 Mutant Samples=84 Total Mutations=96(40 not shown)

TP53 mutant **positions** in glioblastoma multiforme (N=290), **top 25**



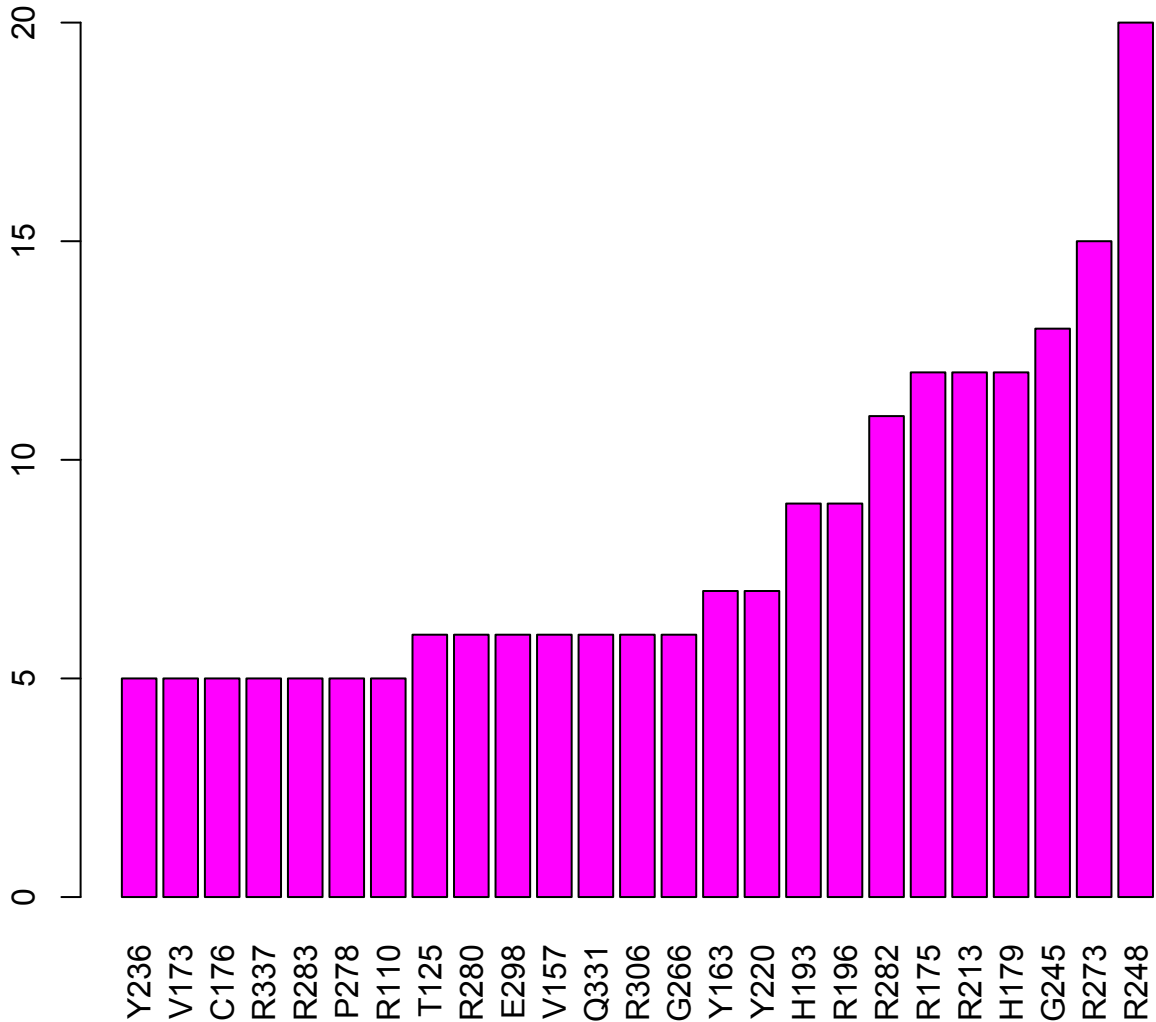
NbrSamples=290 Mutant Samples=84 Total Mutations=96 (29 not shown)

TP53 mutant **alleles** in head and neck squamous cell carcinoma (N=513), **top 25**



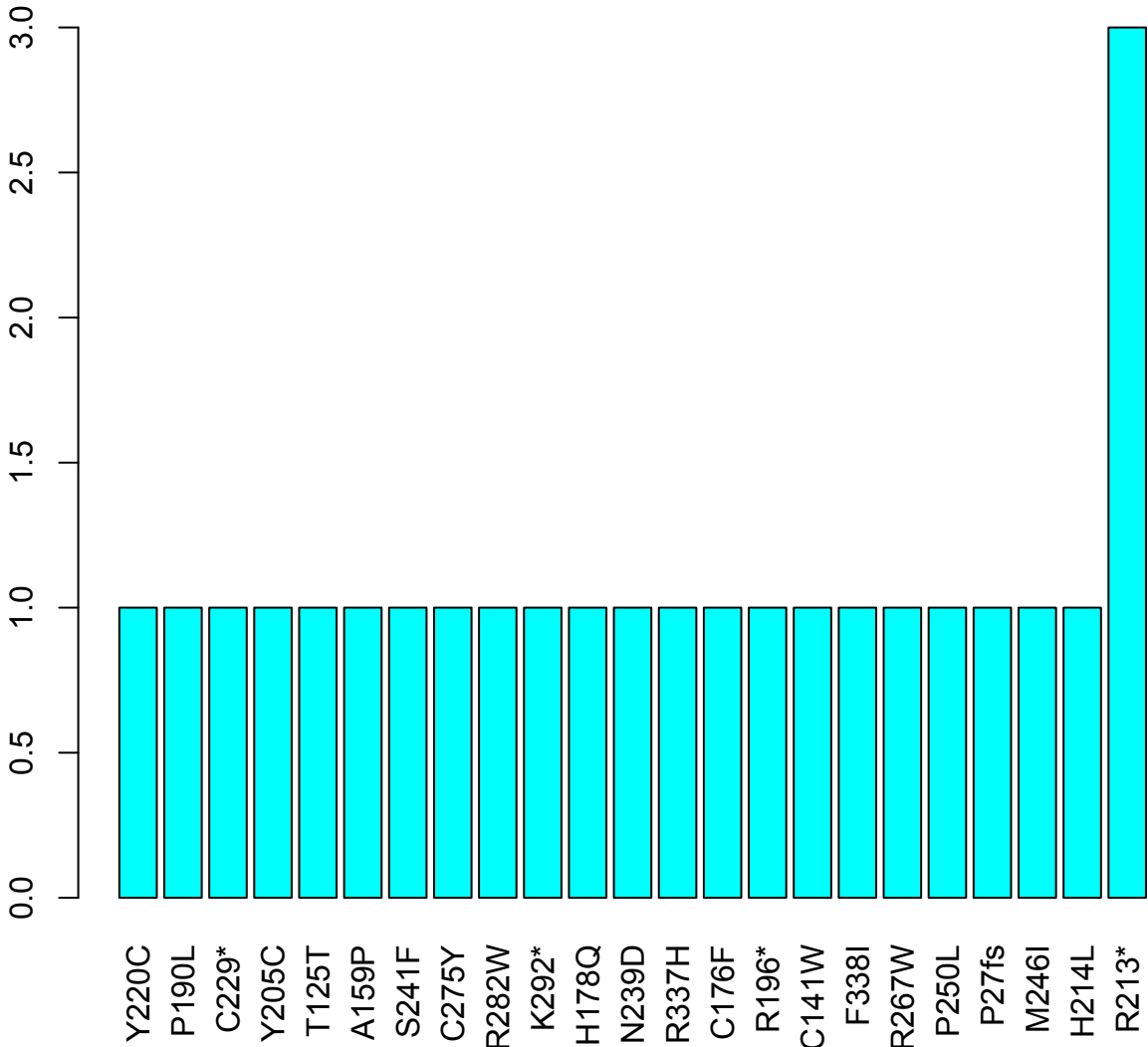
NbrSamples=513 Mutant Samples=367 Total Mutations=412(257 not shown)

TP53 mutant **positions** in **head and neck** squamous cell carcinoma (N=513), **top 25**



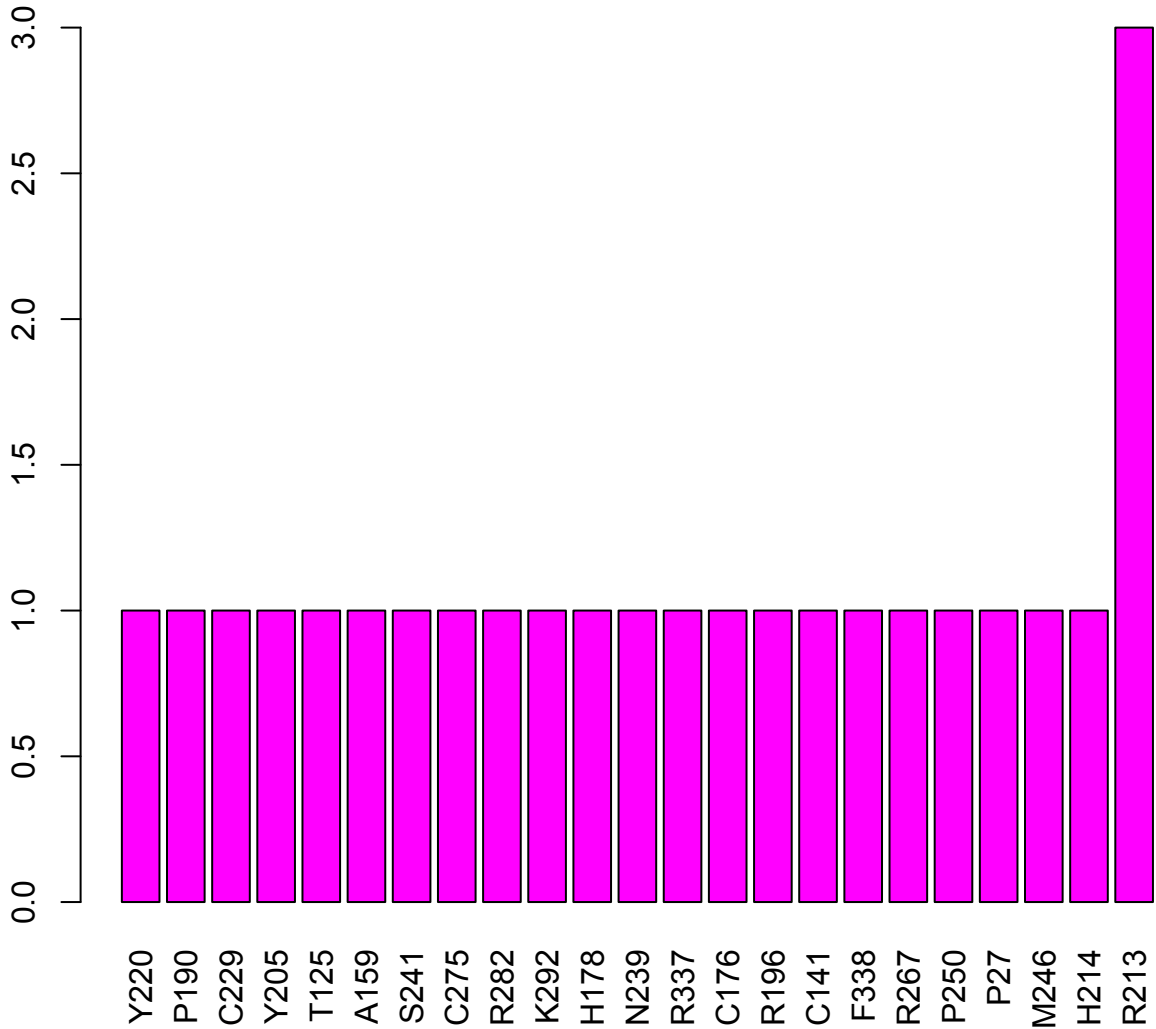
NbrSamples=513 Mutant Samples=367 Total Mutations=412 (208 not shown)

TP53 mutant alleles in kidney chromophobe (N=66)



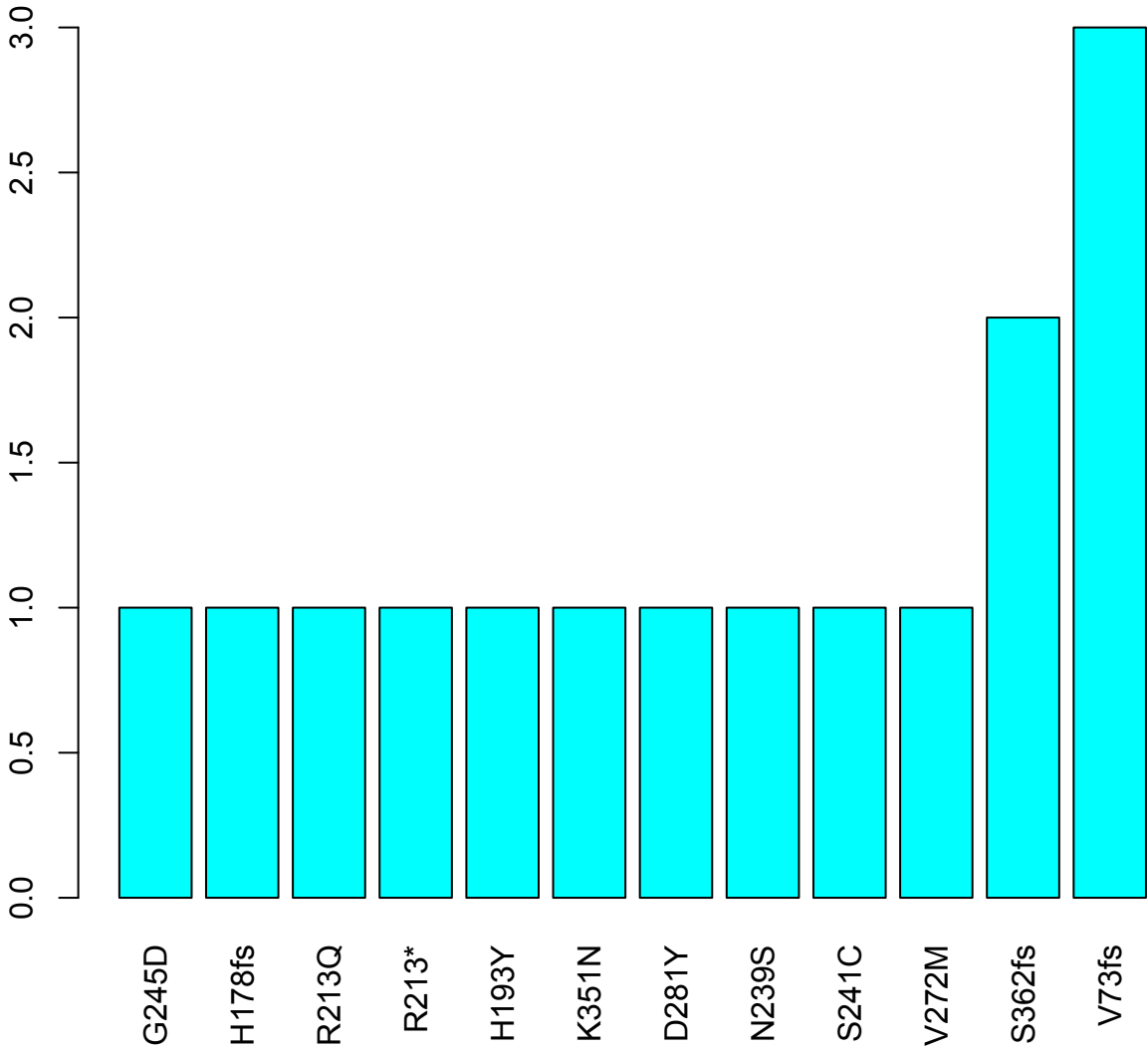
NbrSamples=66 Mutant Samples=22 Total Mutations=25

TP53 mutant positions in kidney chromophobe (N=66)



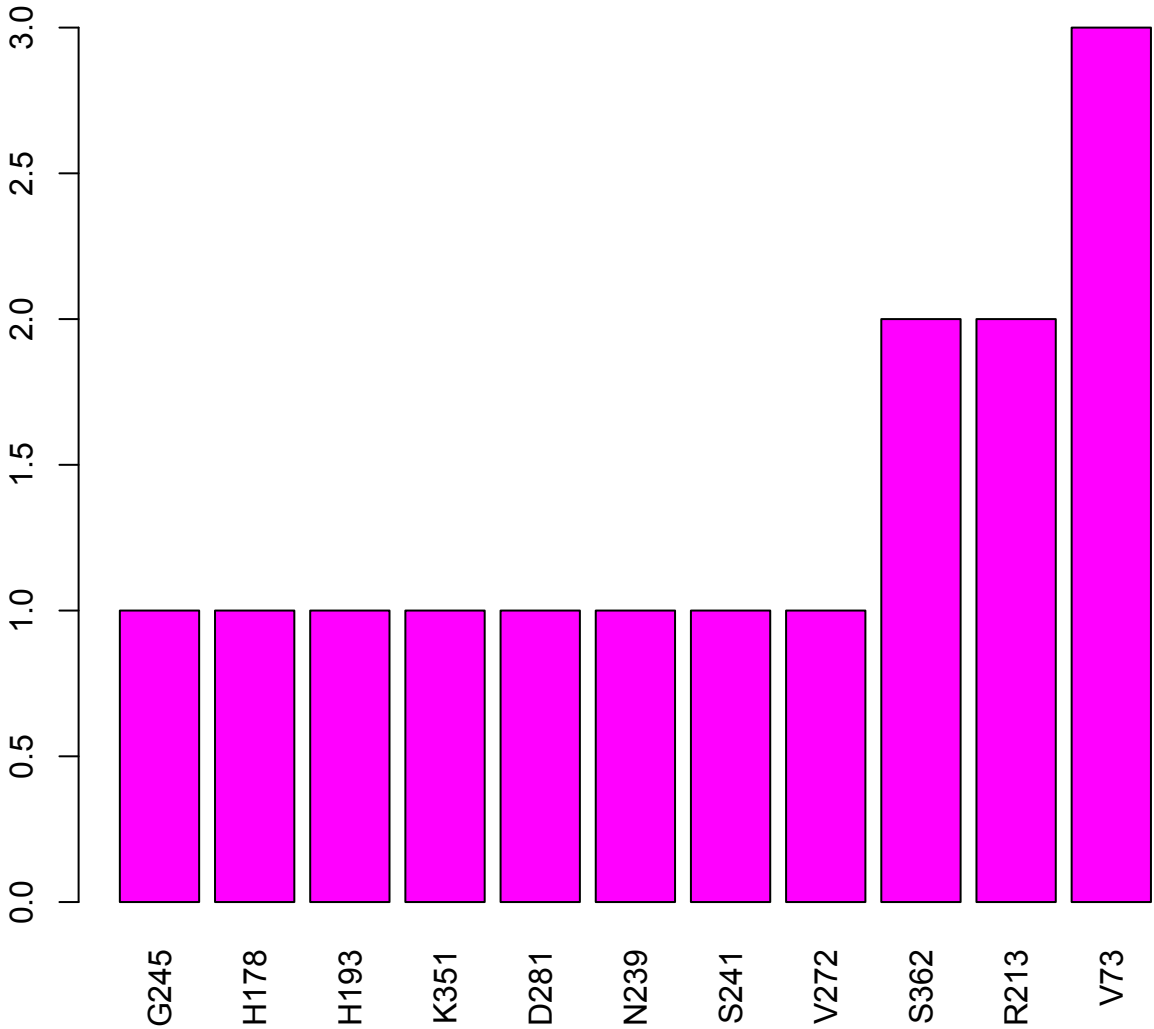
NbrSamples=66 Mutant Samples=22 Total Mutations=25

TP53 mutant **alleles** in **kidney renal clear cell carcinoma** (N=451)



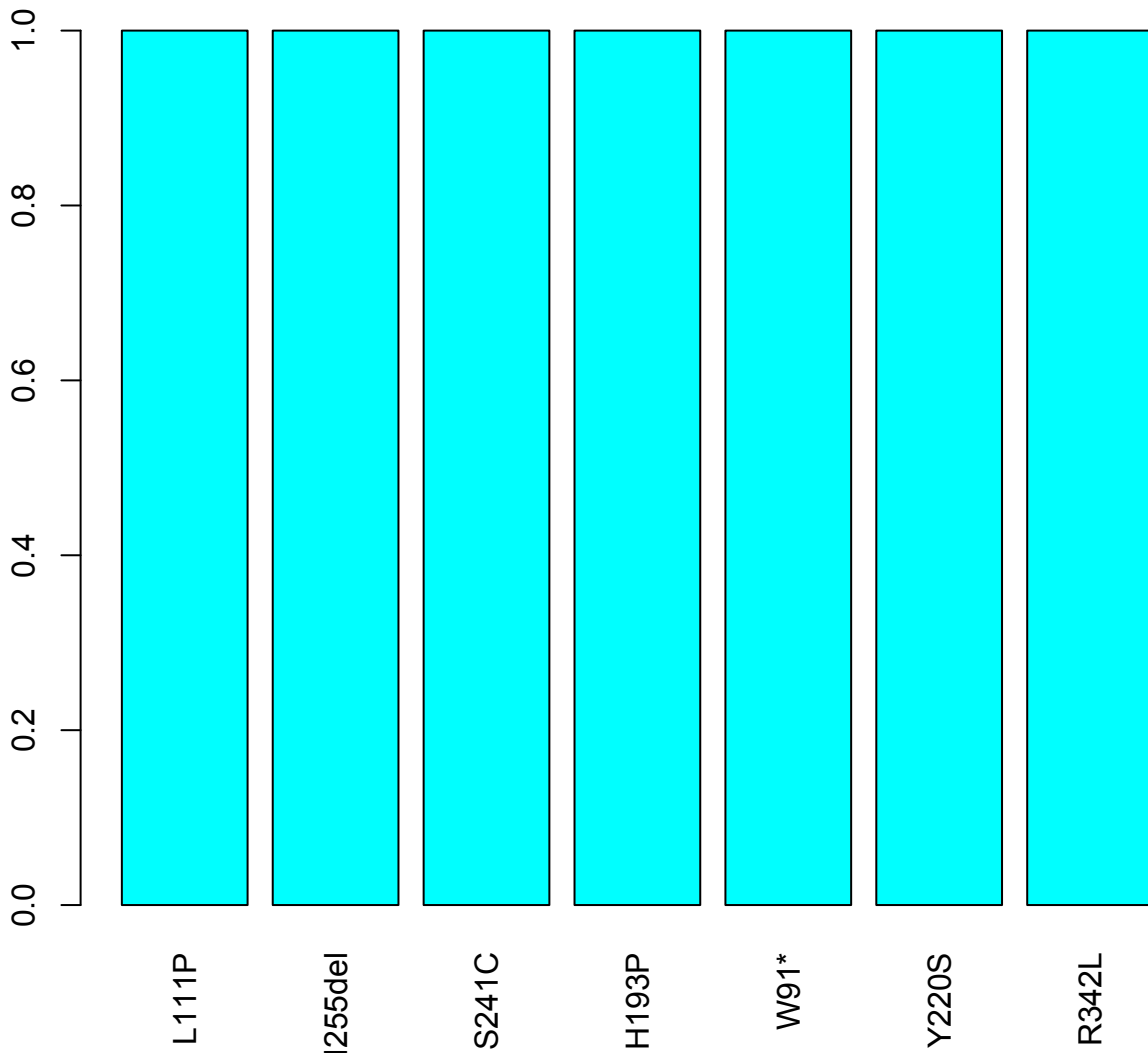
NbrSamples=451 Mutant Samples=15 Total Mutations=15

TP53 mutant positions in kidney renal clear cell carcinoma (N=451)



NbrSamples=451 Mutant Samples=15 Total Mutations=15

TP53 mutant **alleles** in **kidney renal papillary cell carcinoma** (N=282)



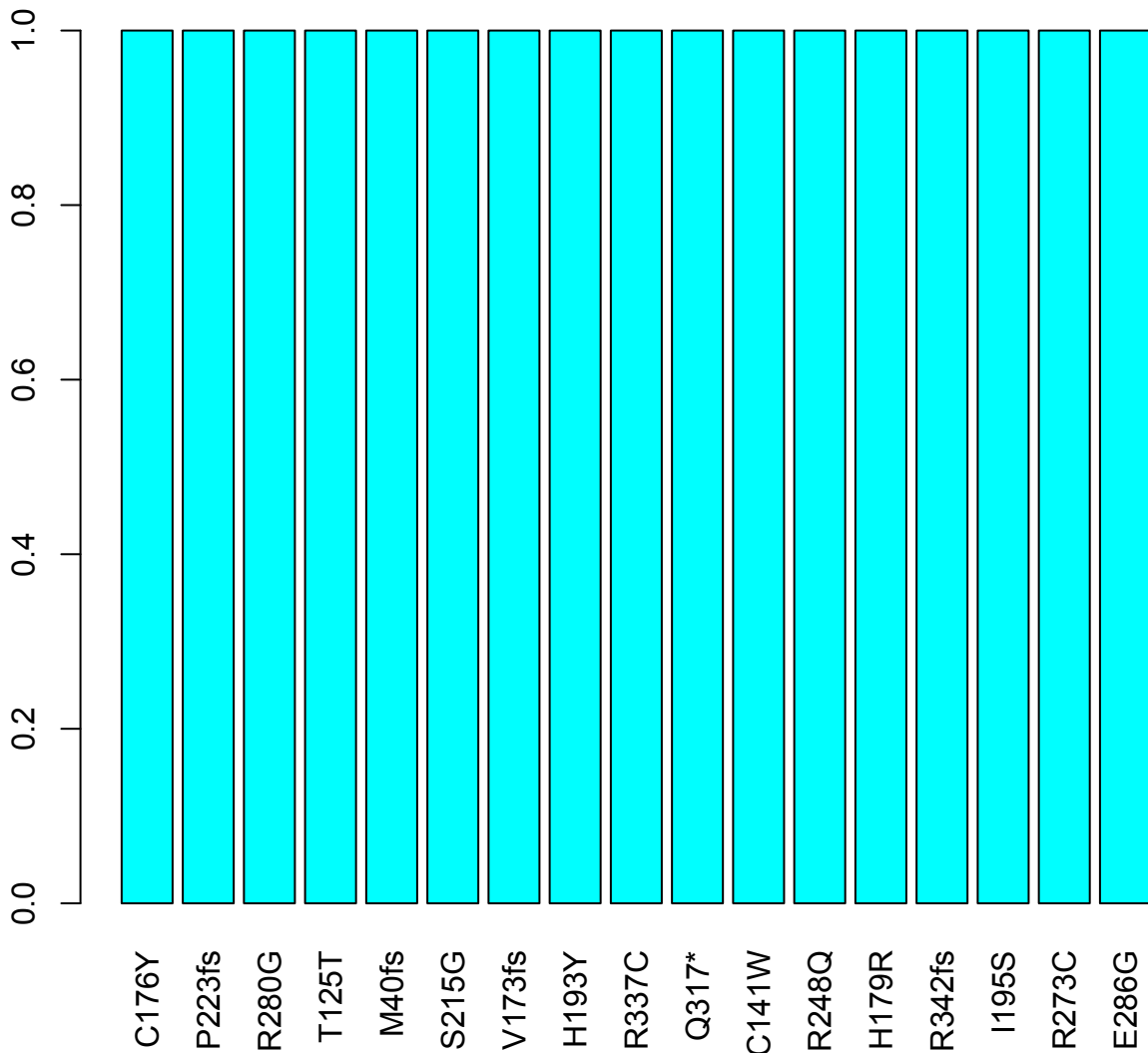
NbrSamples=282 Mutant Samples=7 Total Mutations=7

TP53 mutant **positions** in **kidney renal papillary cell carcinoma** (N=282)



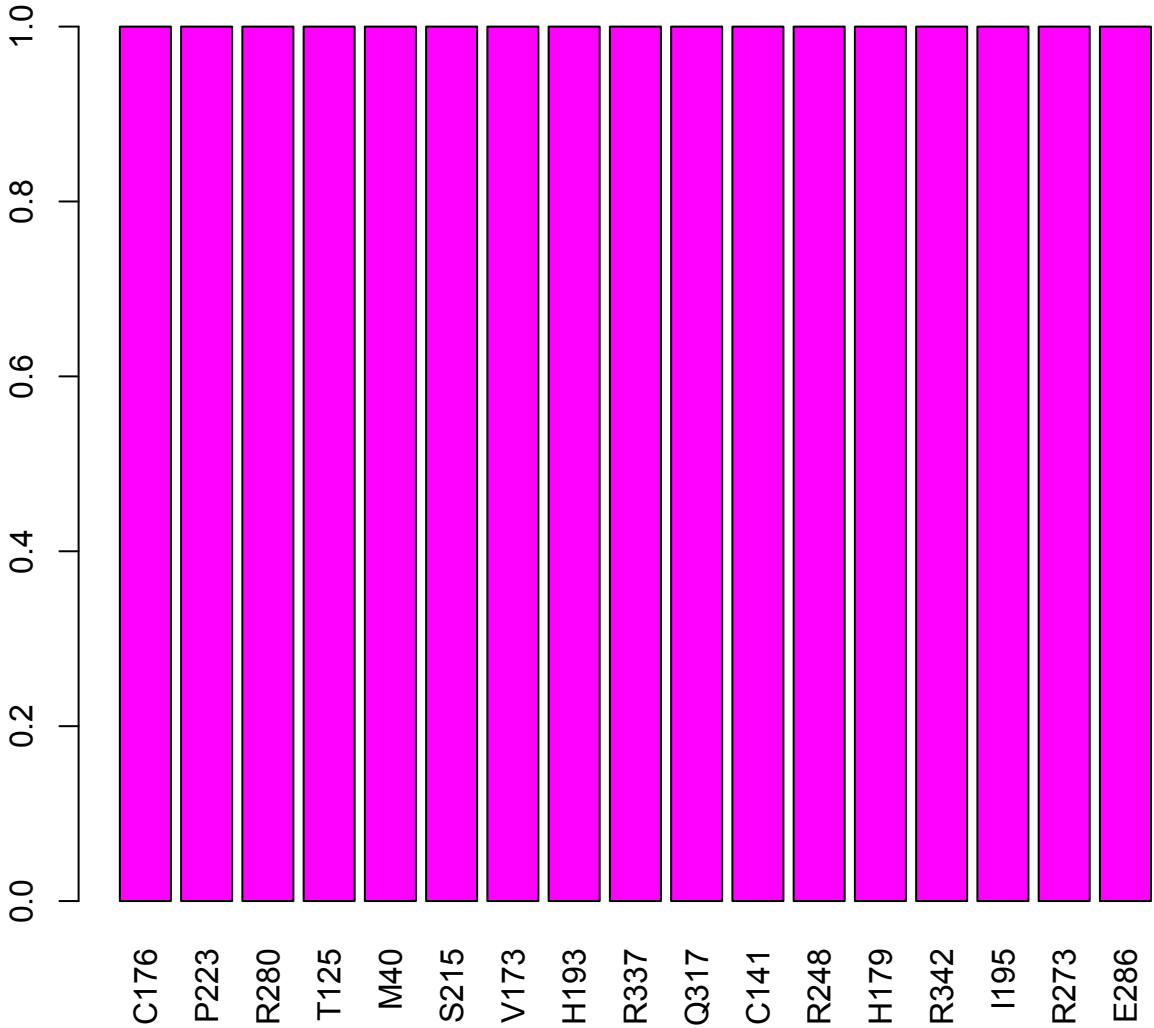
NbrSamples=282 Mutant Samples=7 Total Mutations=7

TP53 mutant alleles in acute myeloid leukemia (N=197)



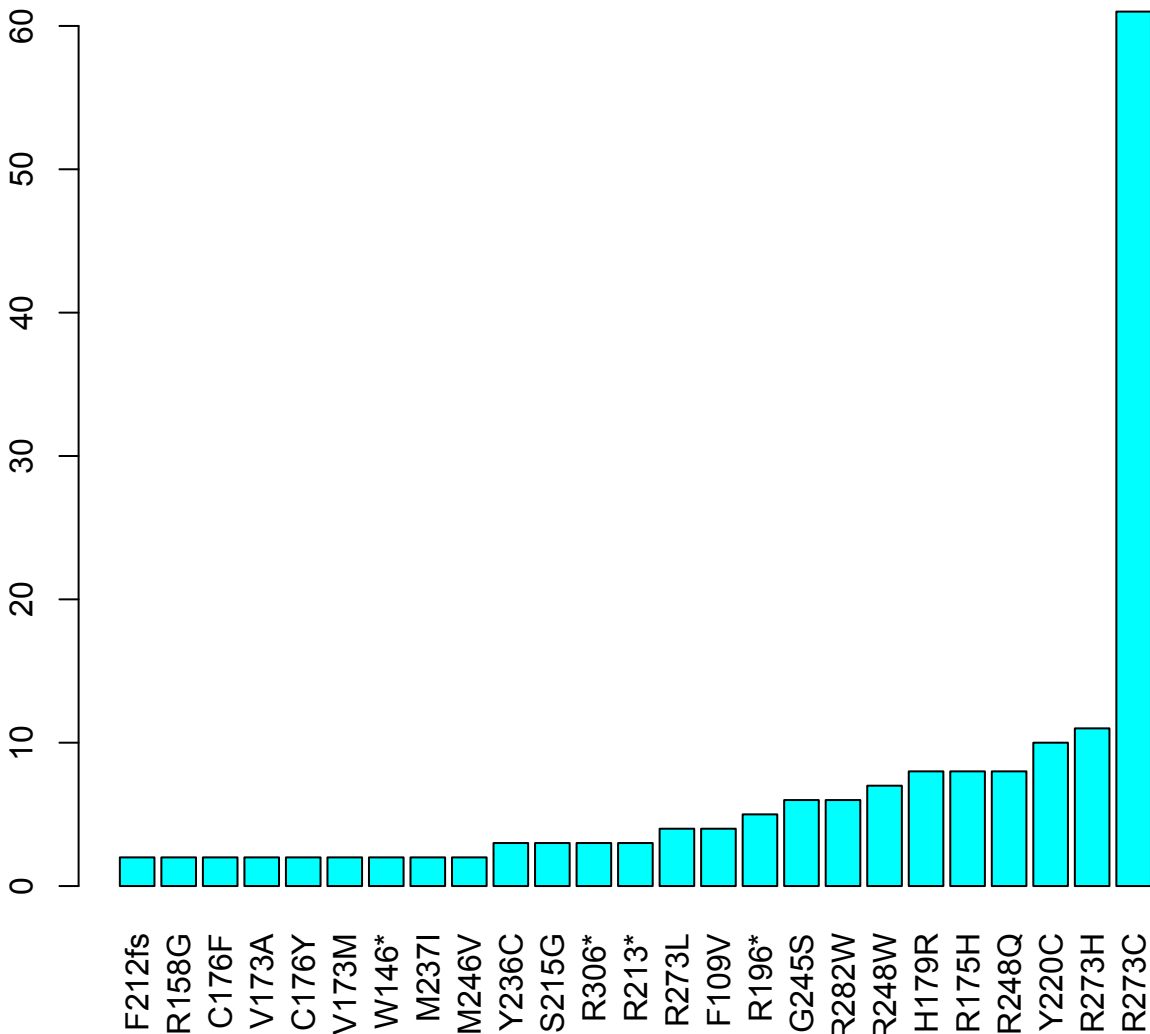
NbrSamples=197 Mutant Samples=16 Total Mutations=17

TP53 mutant **positions** in **acute myeloid leukemia** (N=197)



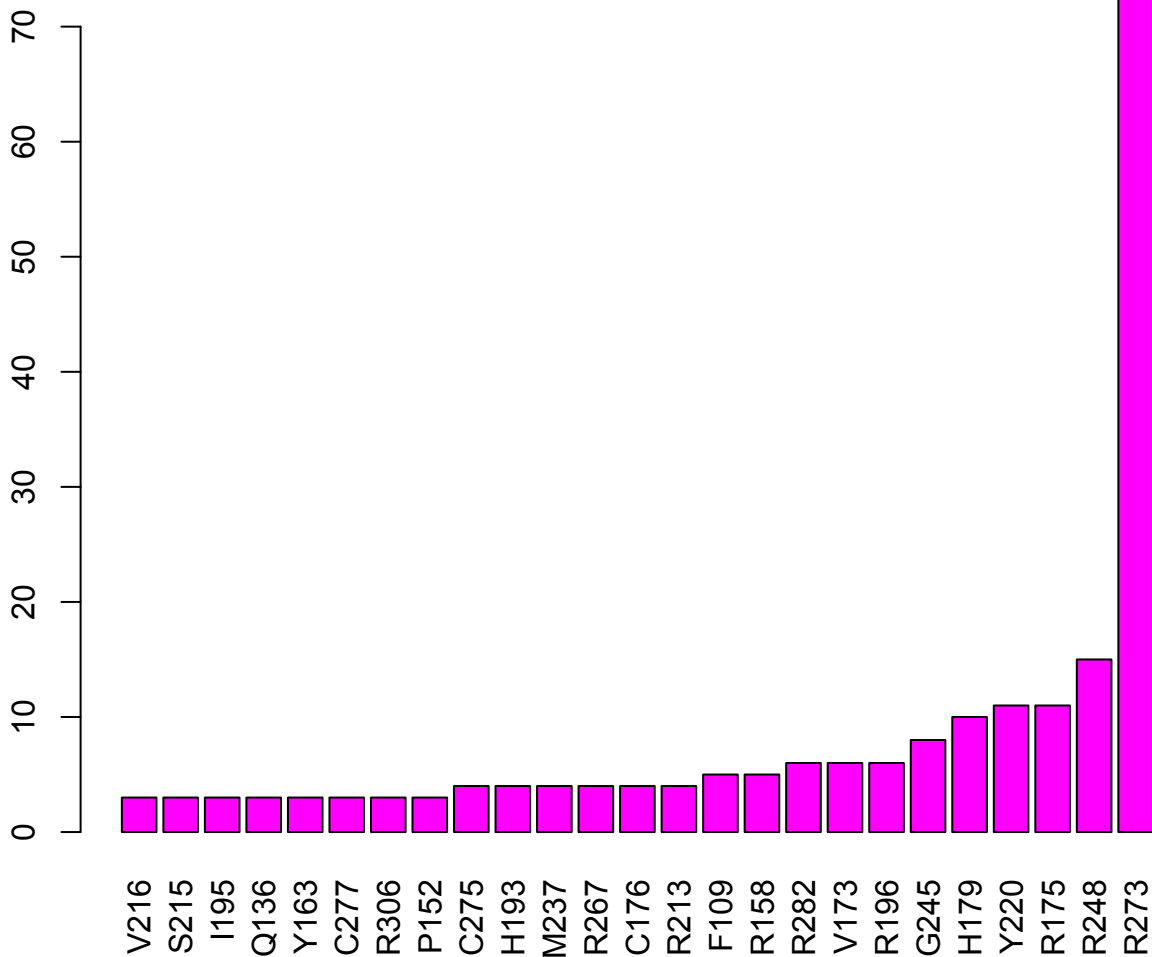
NbrSamples=197 Mutant Samples=16 Total Mutations=17

TP53 mutant alleles in brain lower grade glioma (N=533), top 25



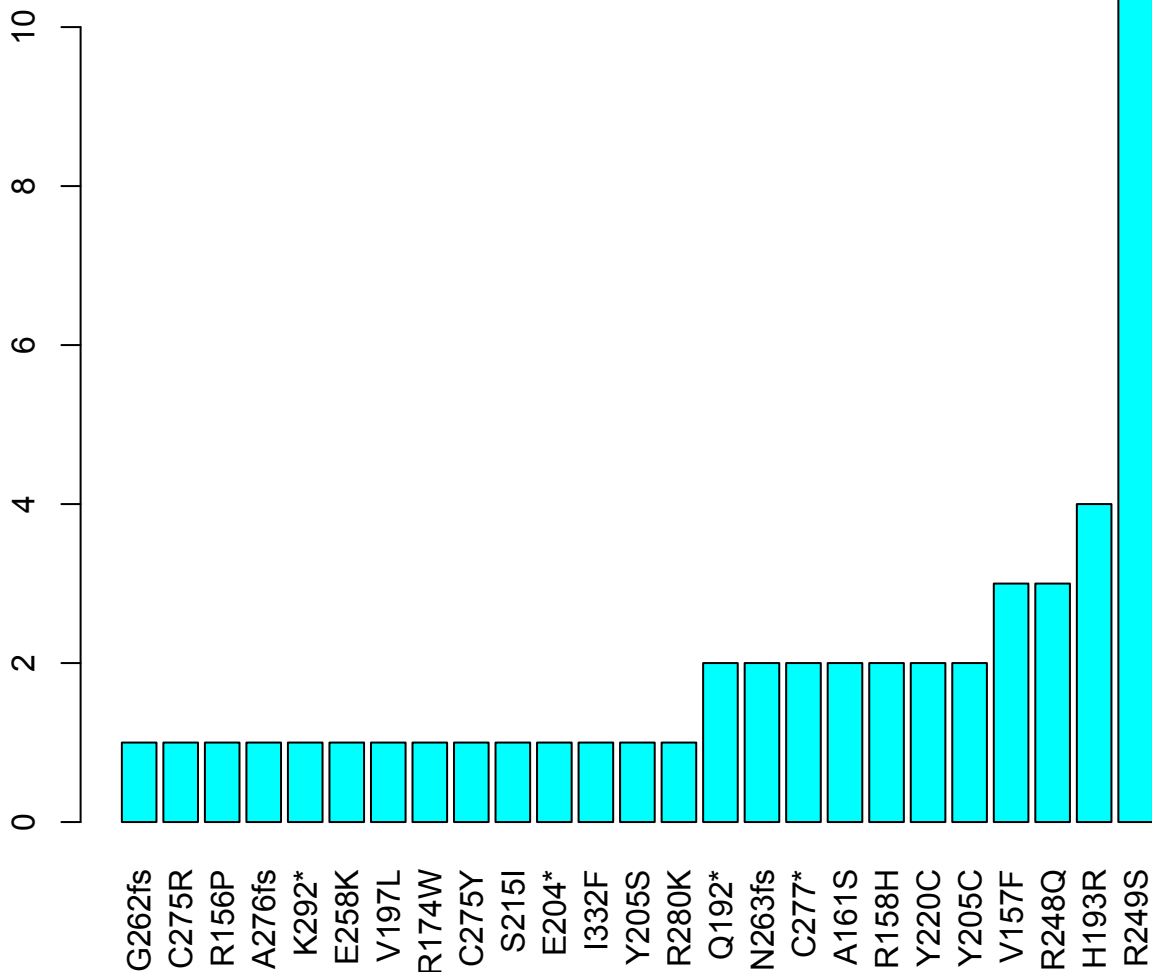
NbrSamples=533 Mutant Samples=264 Total Mutations=326(158 not shown)

TP53 mutant positions in brain lower grade glioma (N=533), top 25



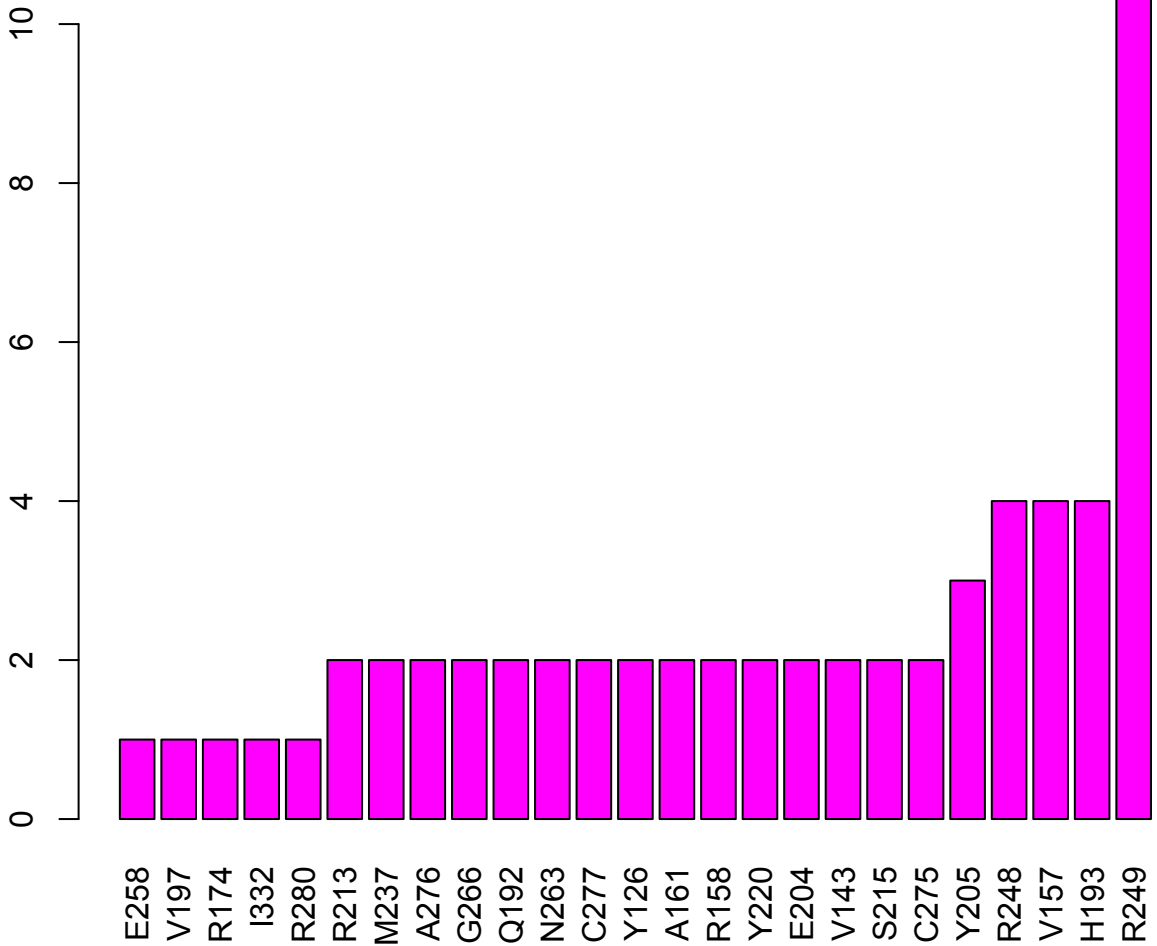
NbrSamples=533 Mutant Samples=264 Total Mutations=326 (119 not shown)

TP53 mutant **alleles** in liver hepatocellular carcinoma (N=373), **top 25**



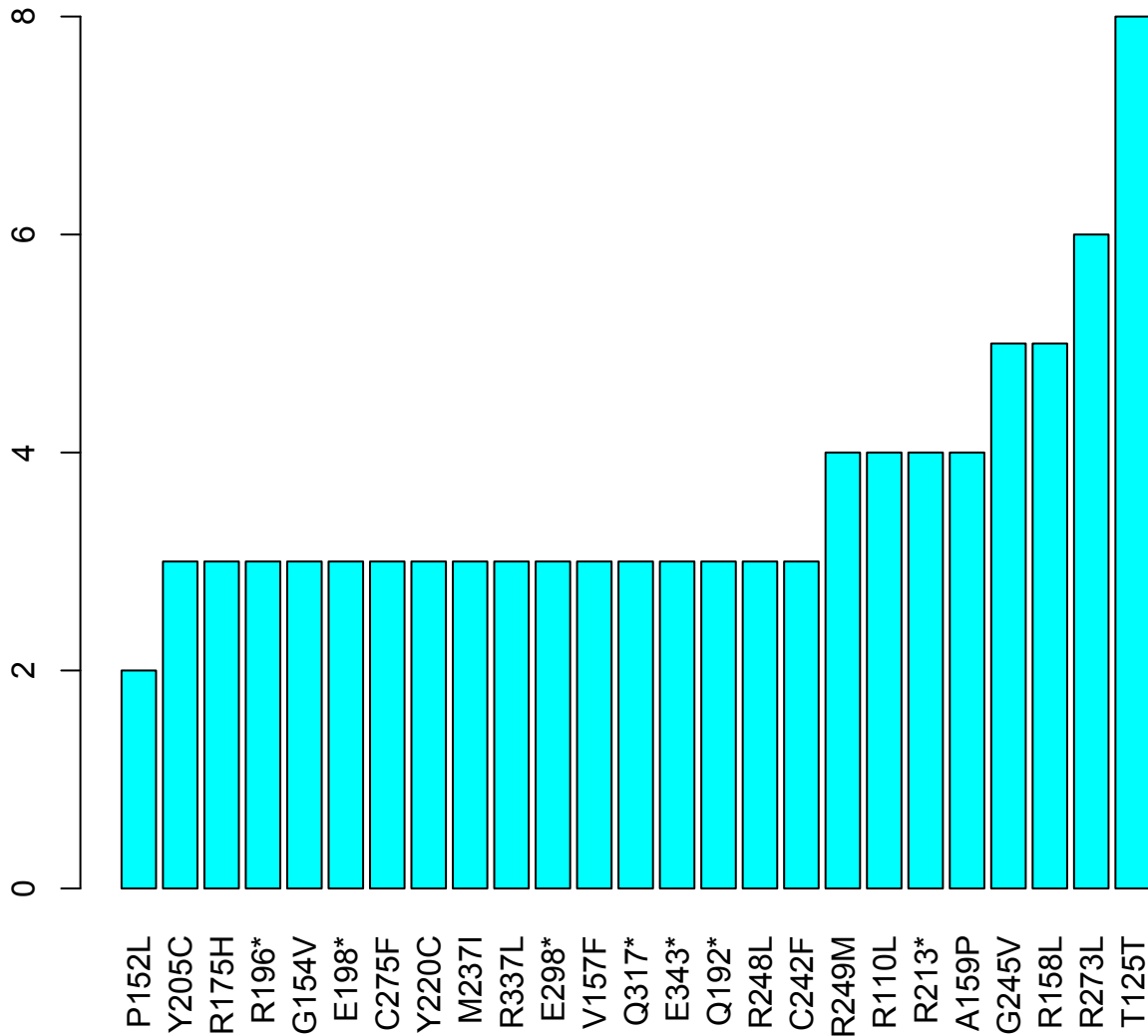
NbrSamples=373 Mutant Samples=115 Total Mutations=109(60 not shown)

TP53 mutant **positions** in **liver** hepatocellular carcinoma (N=373), **top 25**



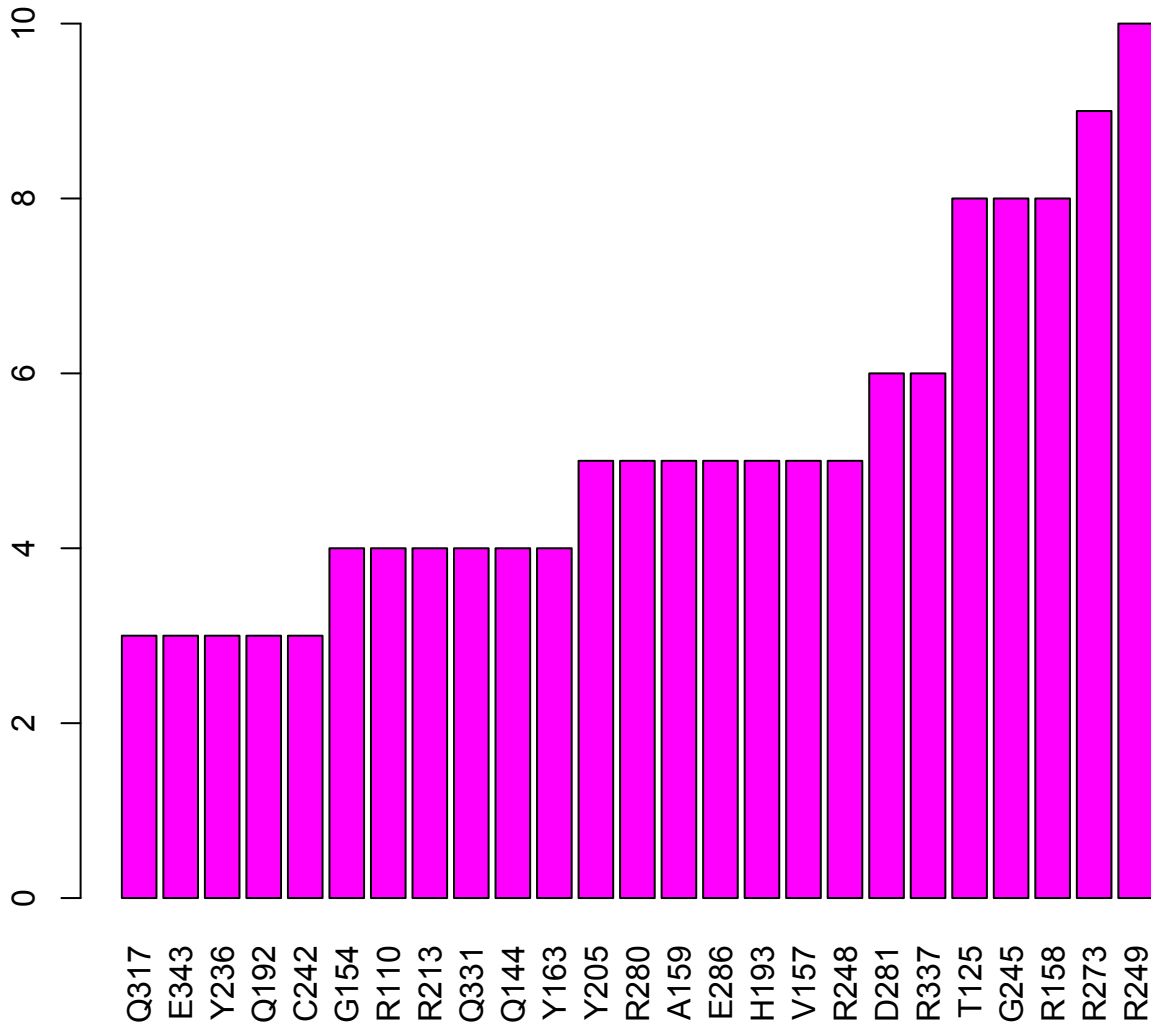
NbrSamples=373 Mutant Samples=115 Total Mutations=109 (48 not shown)

TP53 mutant **alleles** in lung adenocarcinoma (N=546), **top 25**



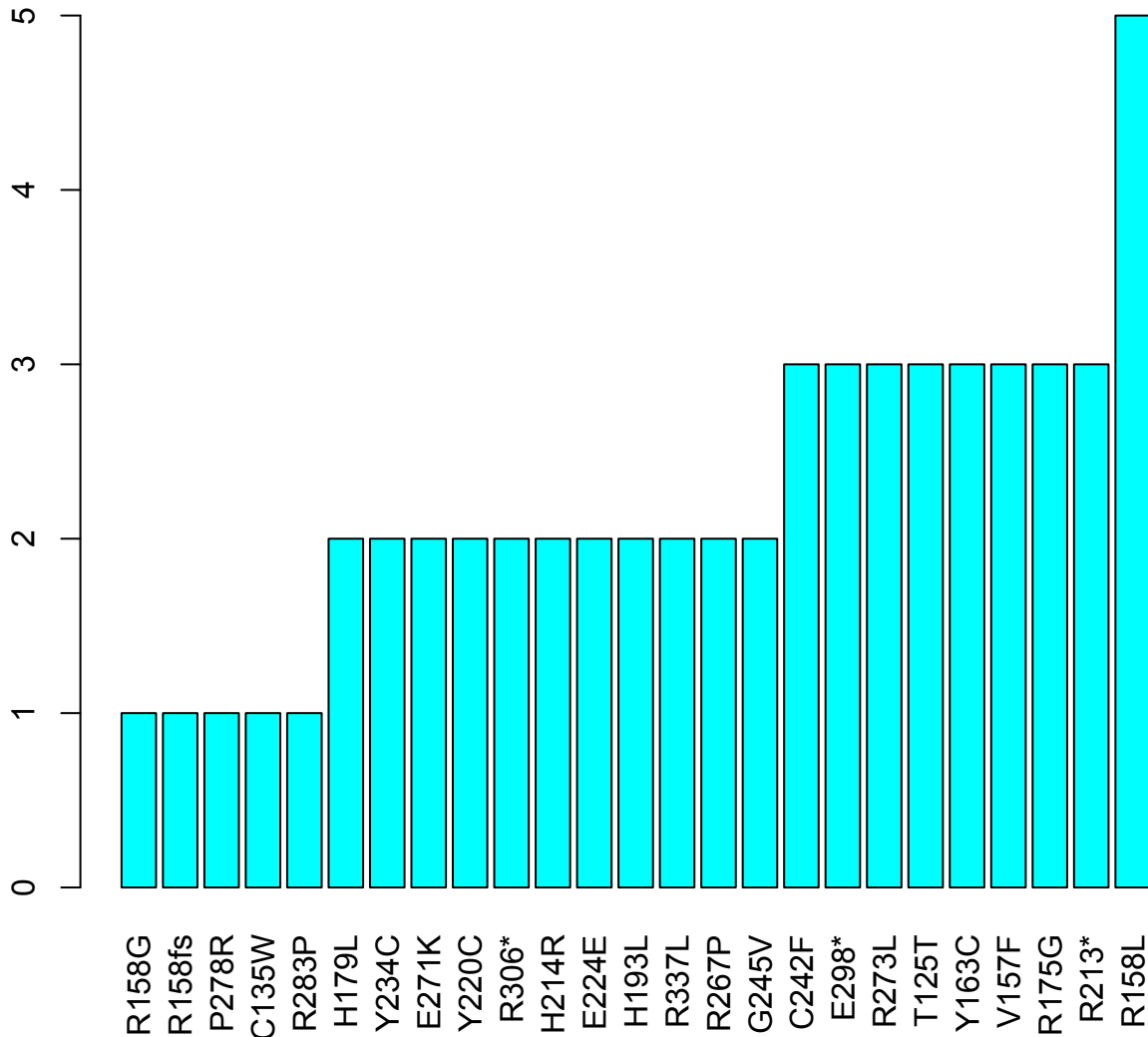
NbrSamples=546 Mutant Samples=296 Total Mutations=290(200 not shown)

TP53 mutant **positions** in lung adenocarcinoma (N=546), **top 25**



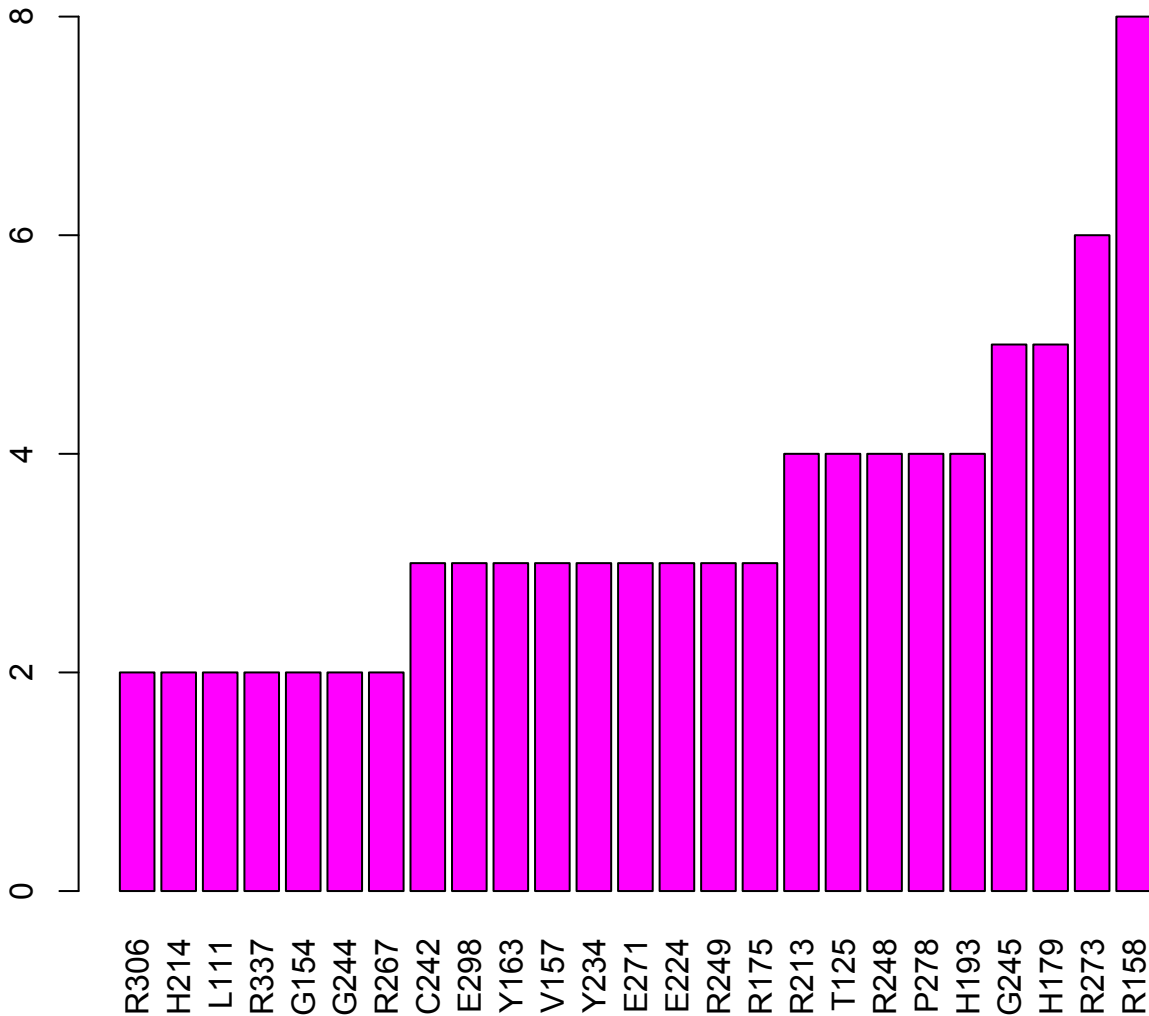
NbrSamples=546 Mutant Samples=296 Total Mutations=290 (161 not shown)

TP53 mutant **alleles** in **lung squamous** cell carcinoma (N=178), **top 25**



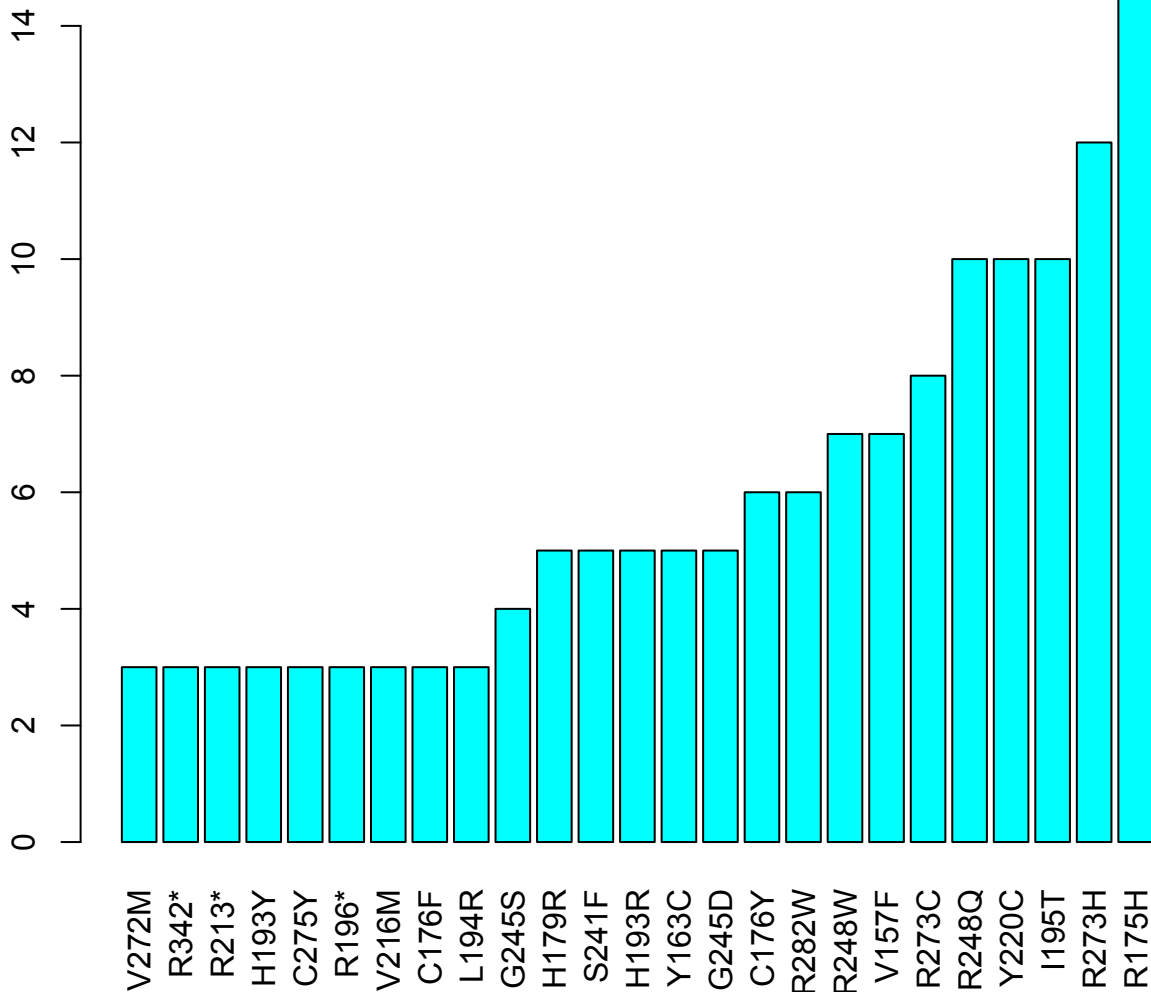
NbrSamples=178 Mutant Samples=145 Total Mutations=140(84 not shown)

TP53 mutant **positions** in lung squamous cell carcinoma (N=178), **top 25**



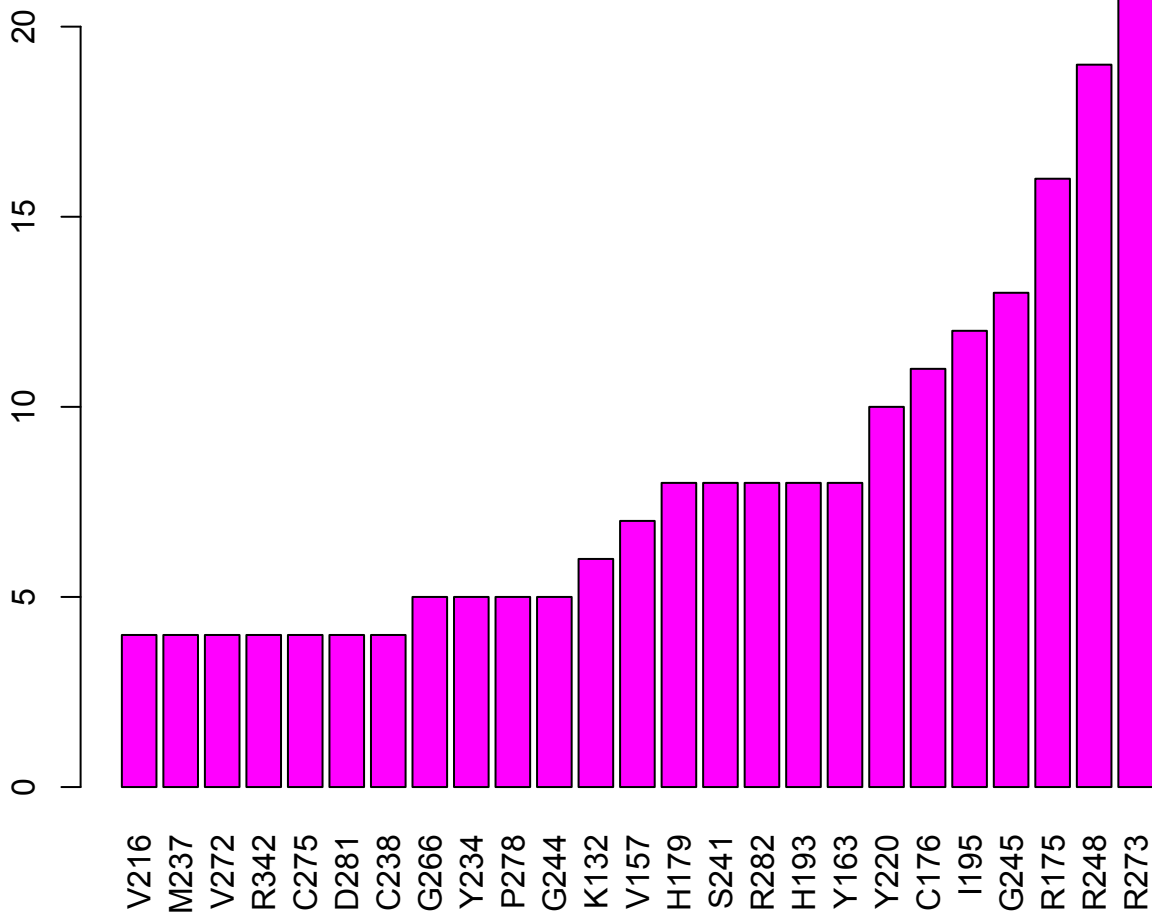
NbrSamples=178 Mutant Samples=145 Total Mutations=140 (55 not shown)

TP53 mutant **alleles** in **ovarian** serous cystadenocarcinoma (N=469), **top 25**



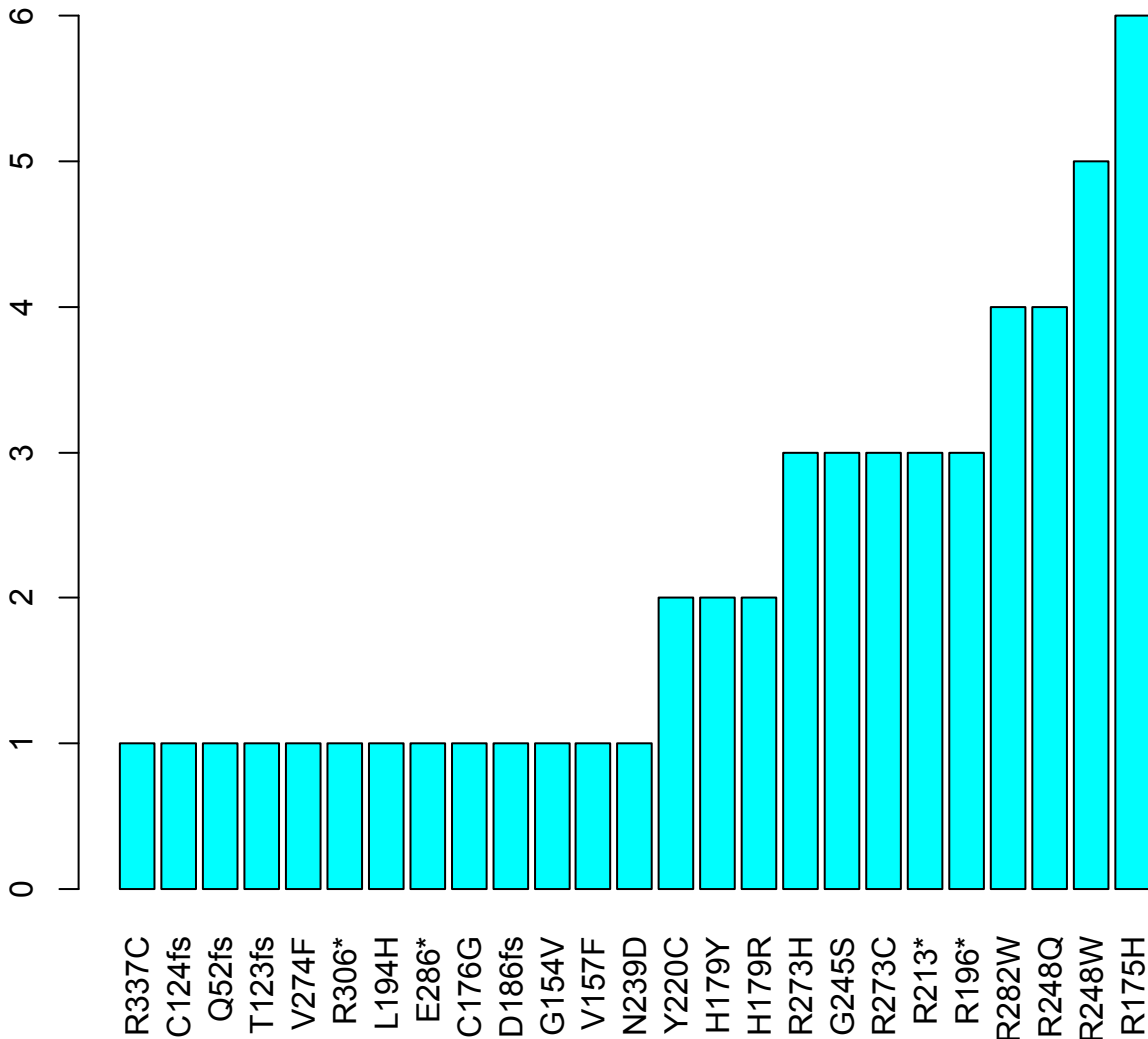
NbrSamples=469 Mutant Samples=391 Total Mutations=355(208 not shown)

TP53 mutant **positions** in **ovarian** serous cystadenocarcinoma (N=469), **top 25**



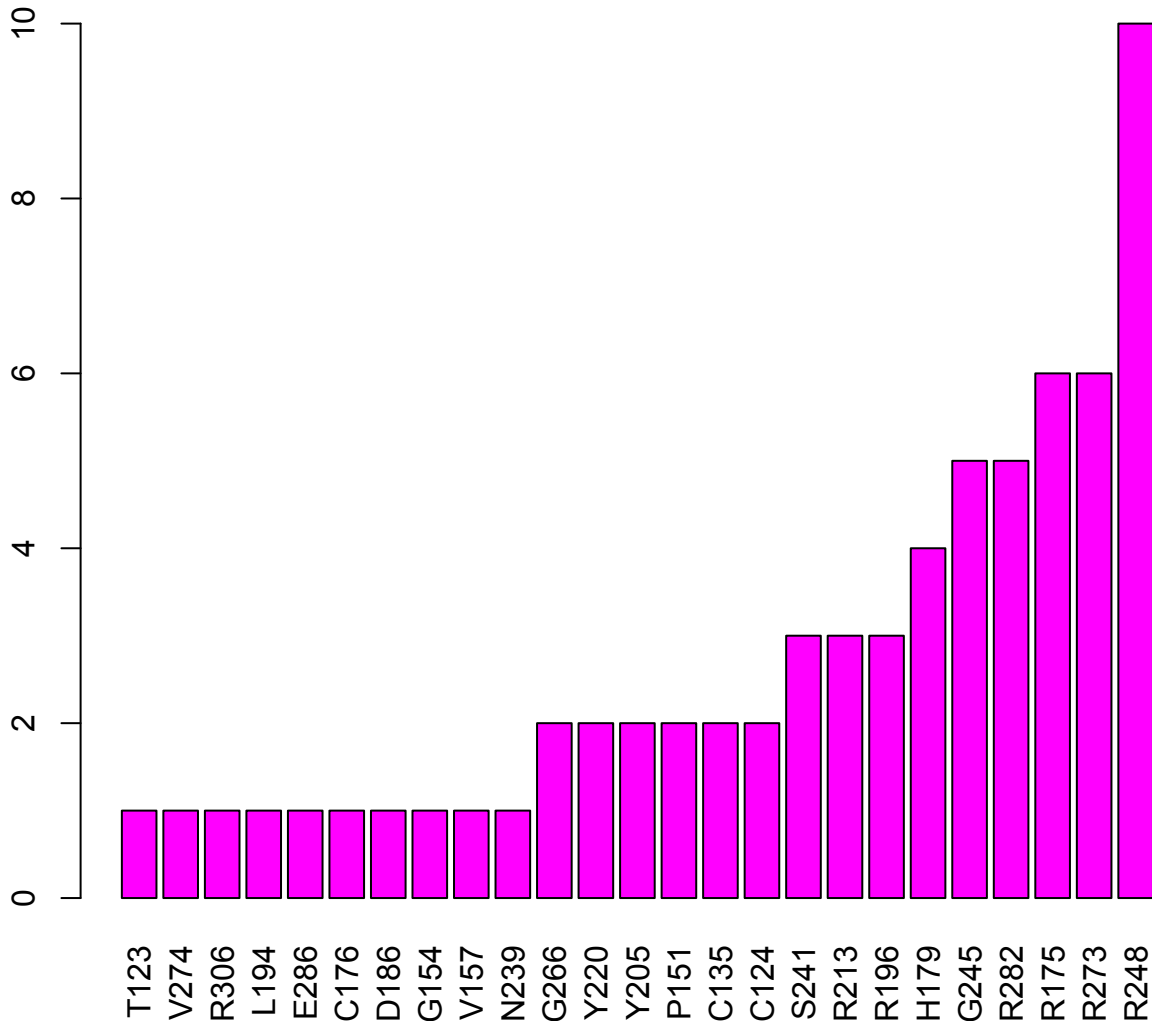
NbrSamples=469 Mutant Samples=391 Total Mutations=355 (150 not shown)

TP53 mutant **alleles** in **pancreatic adenocarcinoma** (N=185), **top 25**



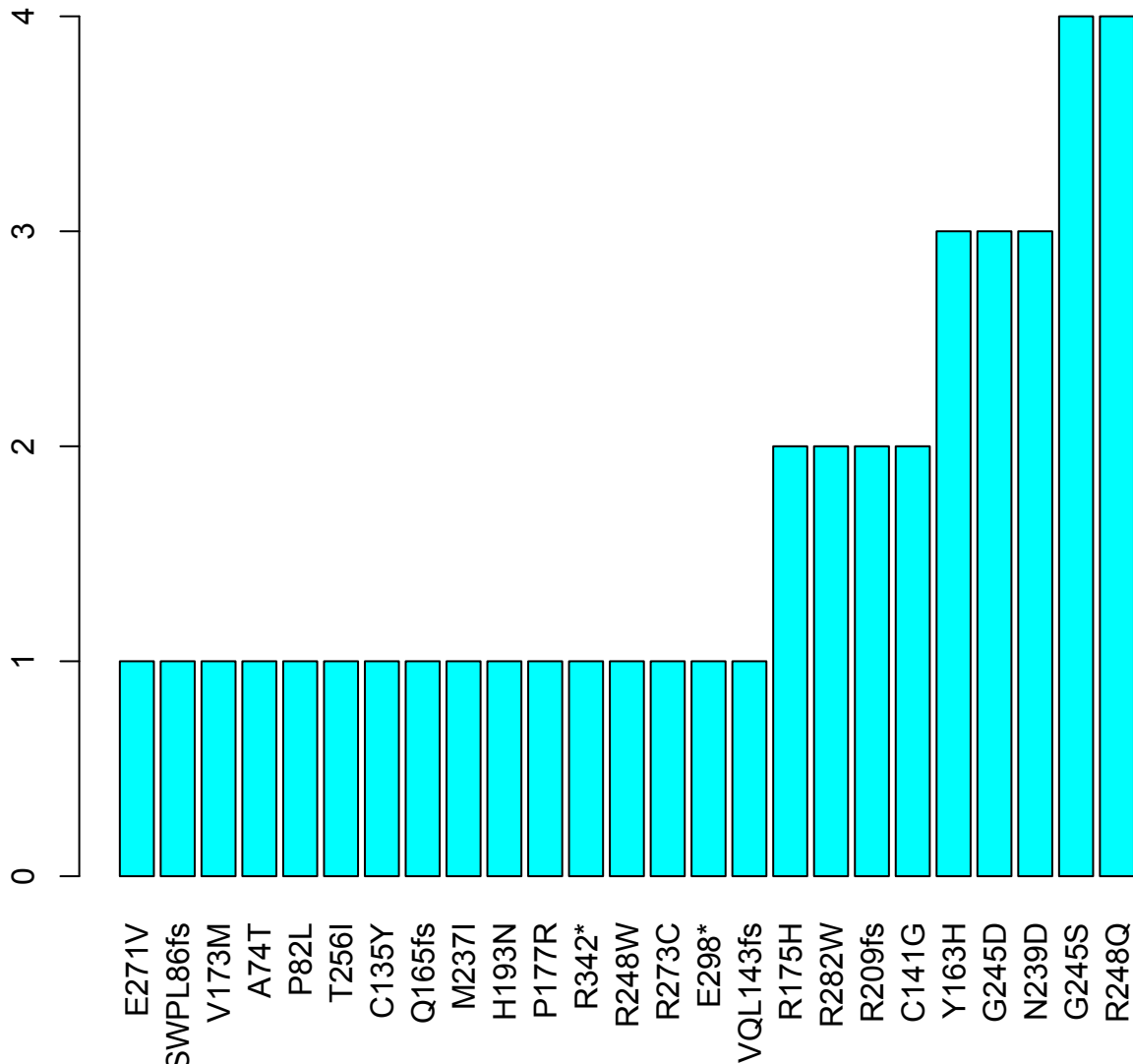
NbrSamples=185 Mutant Samples=120 Total Mutations=117(64 not shown)

TP53 mutant **positions** in **pancreatic** adenocarcinoma (N=185), **top 25**



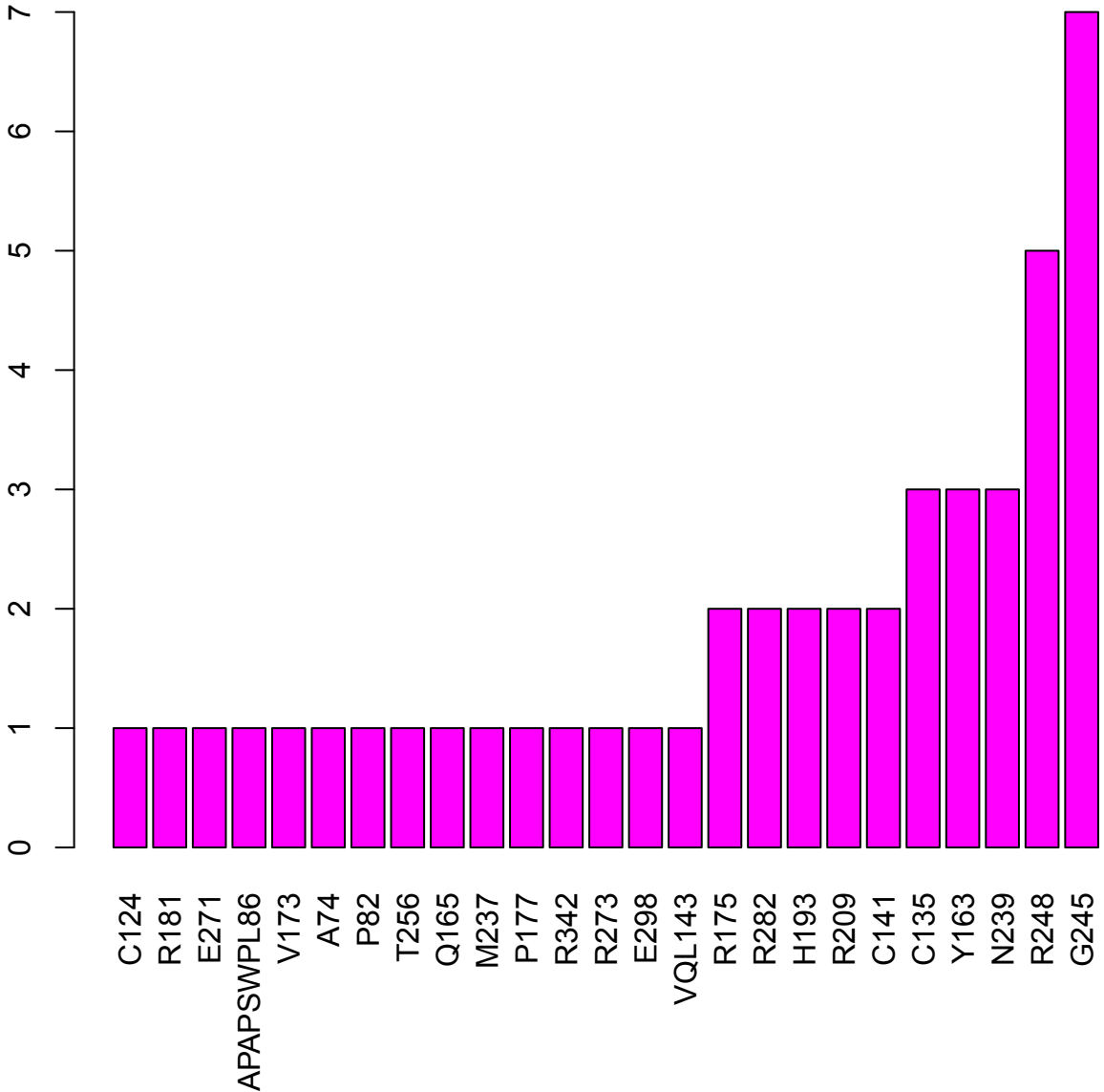
NbrSamples=185 Mutant Samples=120 Total Mutations=117 (50 not shown)

TP53 mutant **alleles** in **prostate** adenocarcinoma (N=499), **top 25**



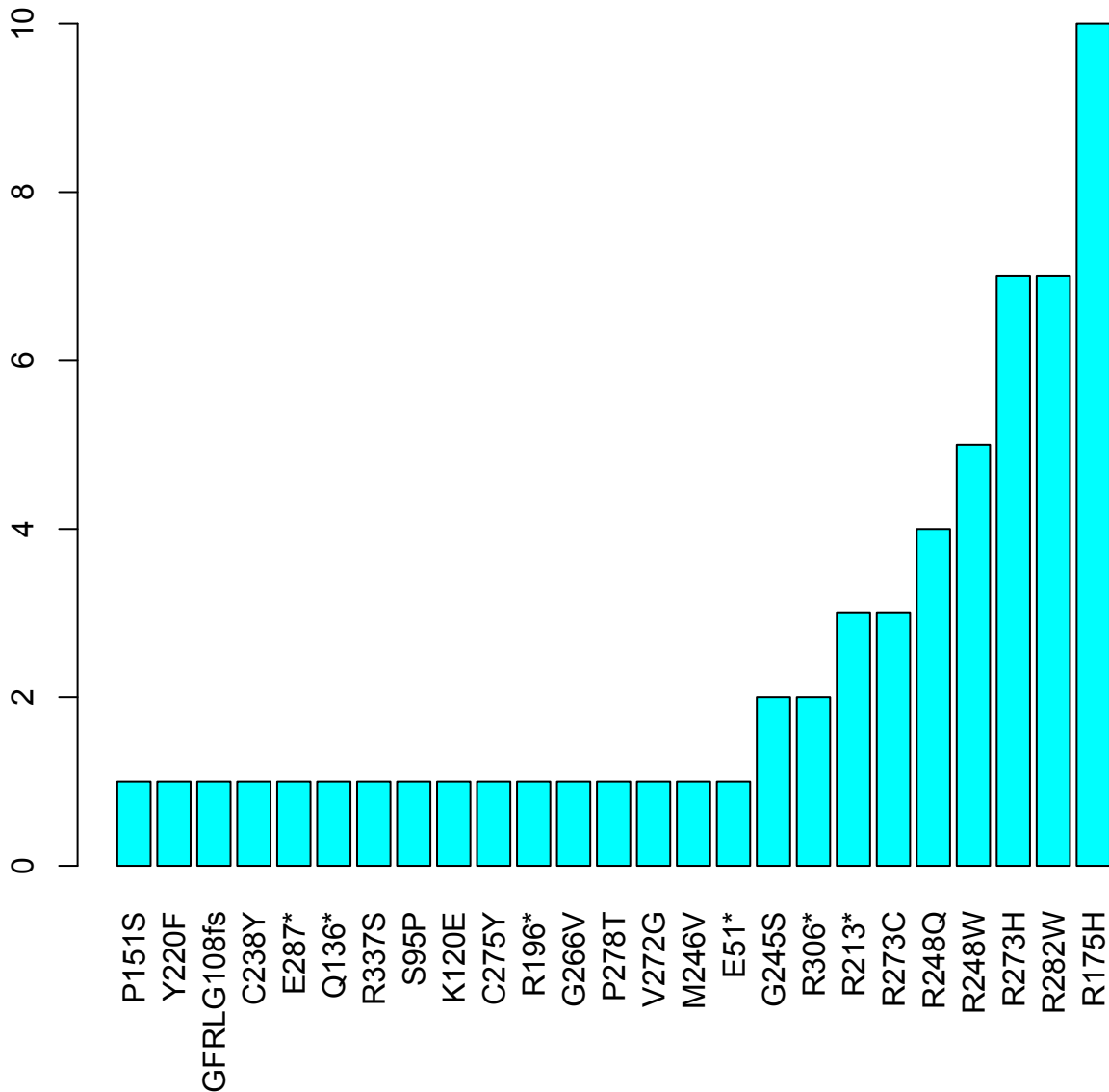
NbrSamples=499 Mutant Samples=61 Total Mutations=59(18 not shown)

TP53 mutant **positions** in **prostate** adenocarcinoma (N=499), **top 25**



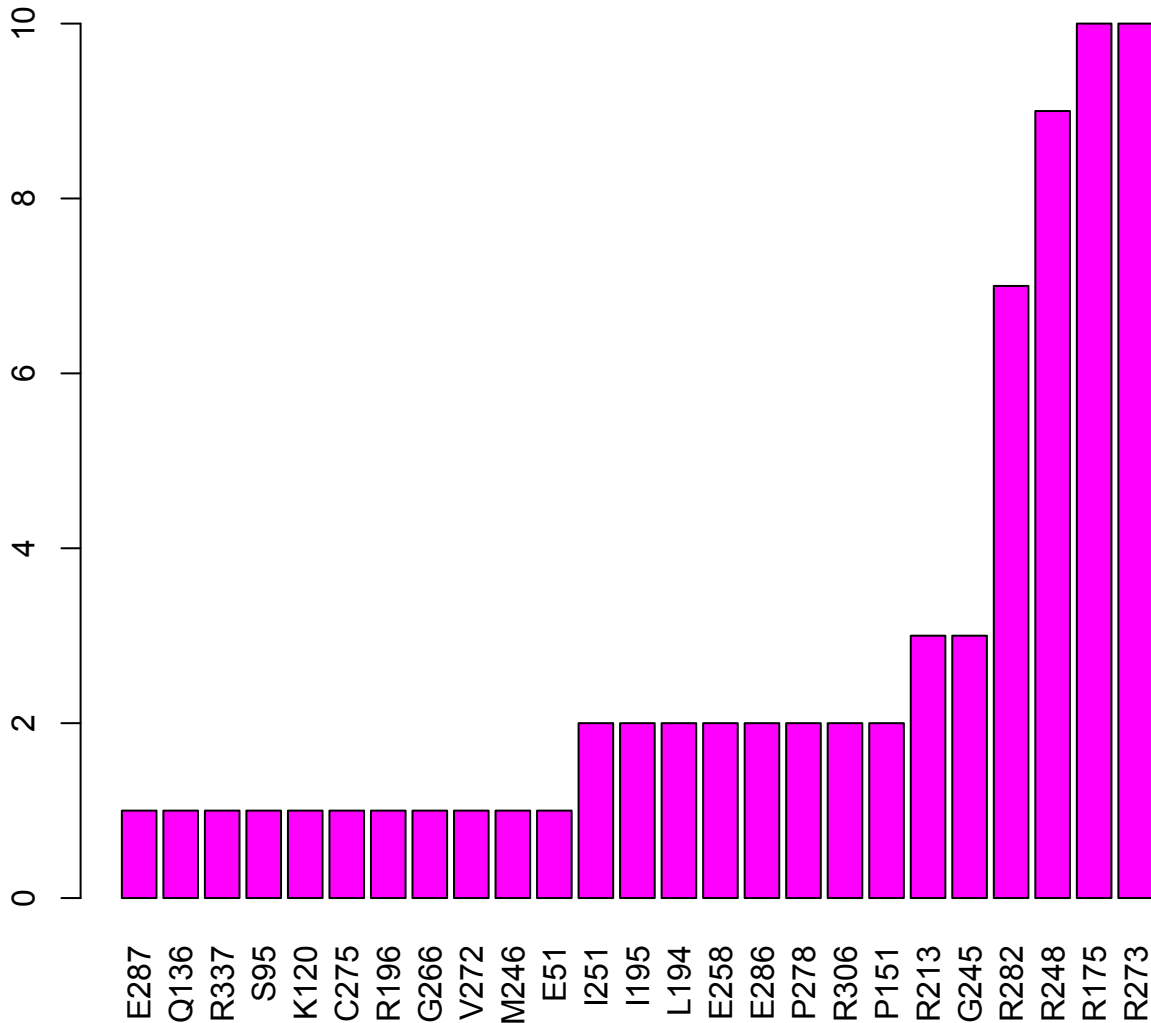
NbrSamples=499 Mutant Samples=61 Total Mutations=59 (13 not shown)

TP53 mutant **alleles** in **rectum** adenocarcinoma (N=122), **top 25**



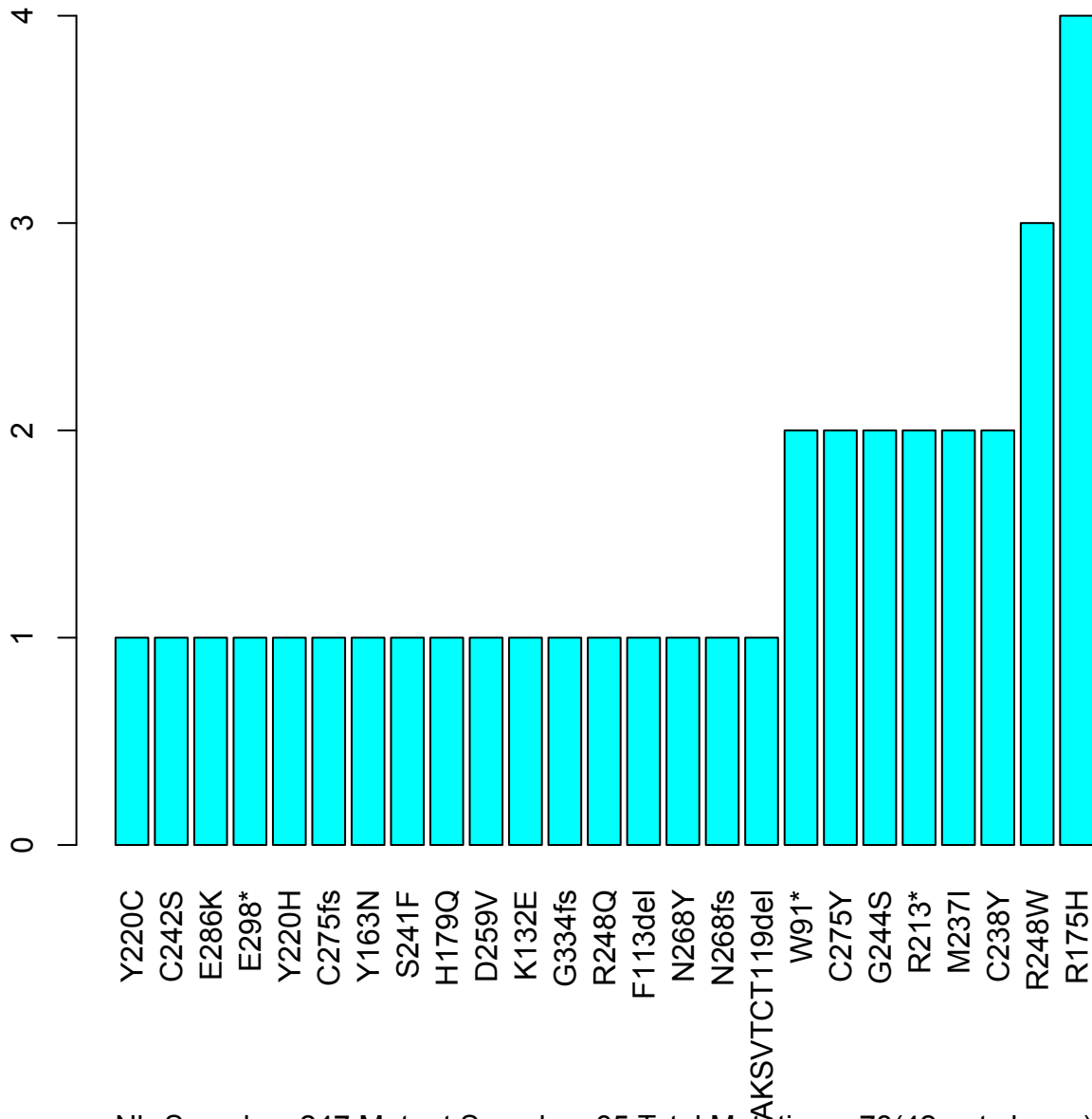
NbrSamples=122 Mutant Samples=91 Total Mutations=105(46 not shown)

TP53 mutant **positions** in **rectum** adenocarcinoma (N=122), **top 25**

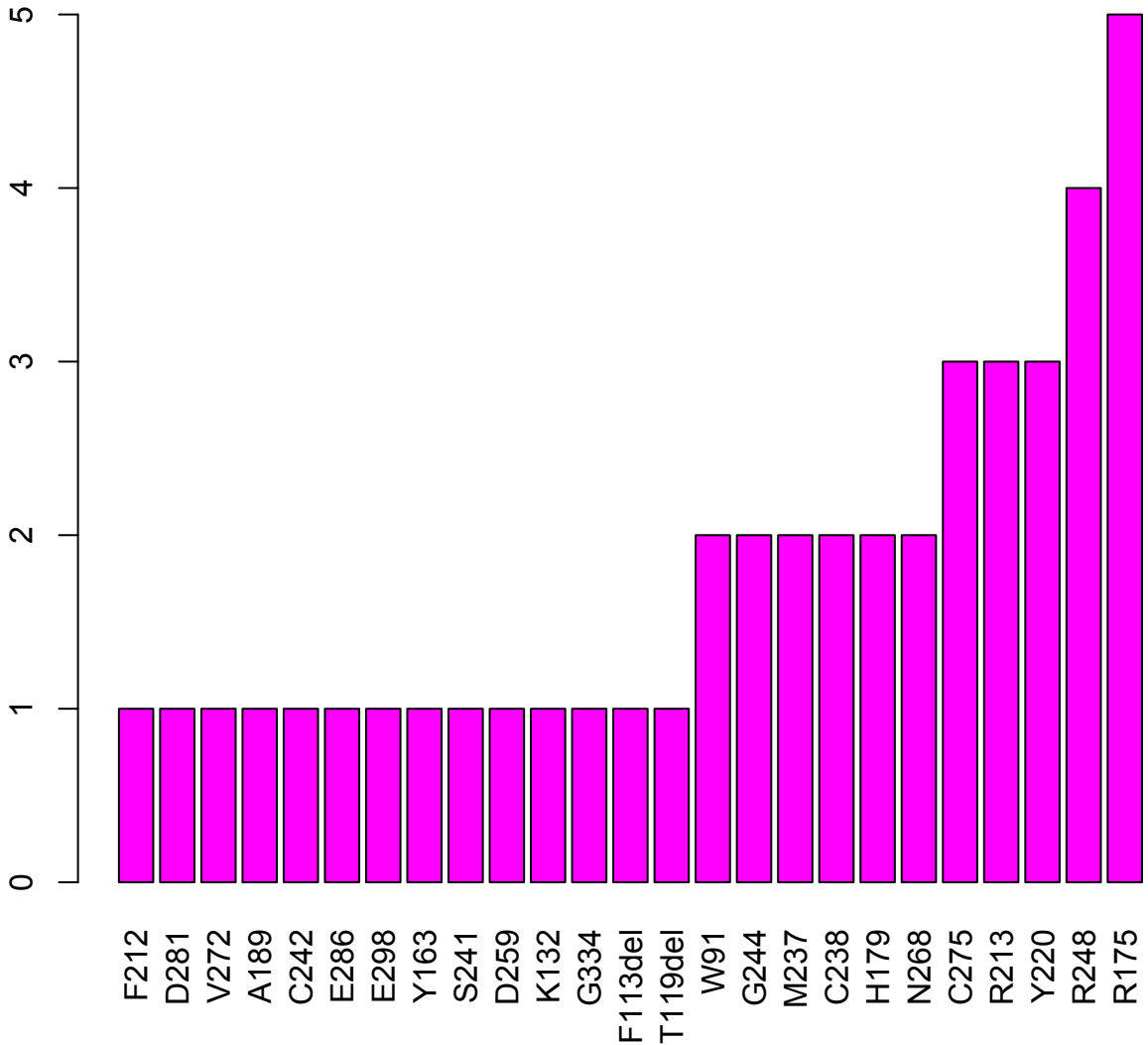


NbrSamples=122 Mutant Samples=91 Total Mutations=105 (36 not shown)

TP53 mutant alleles in sarcoma (N=247), top 25

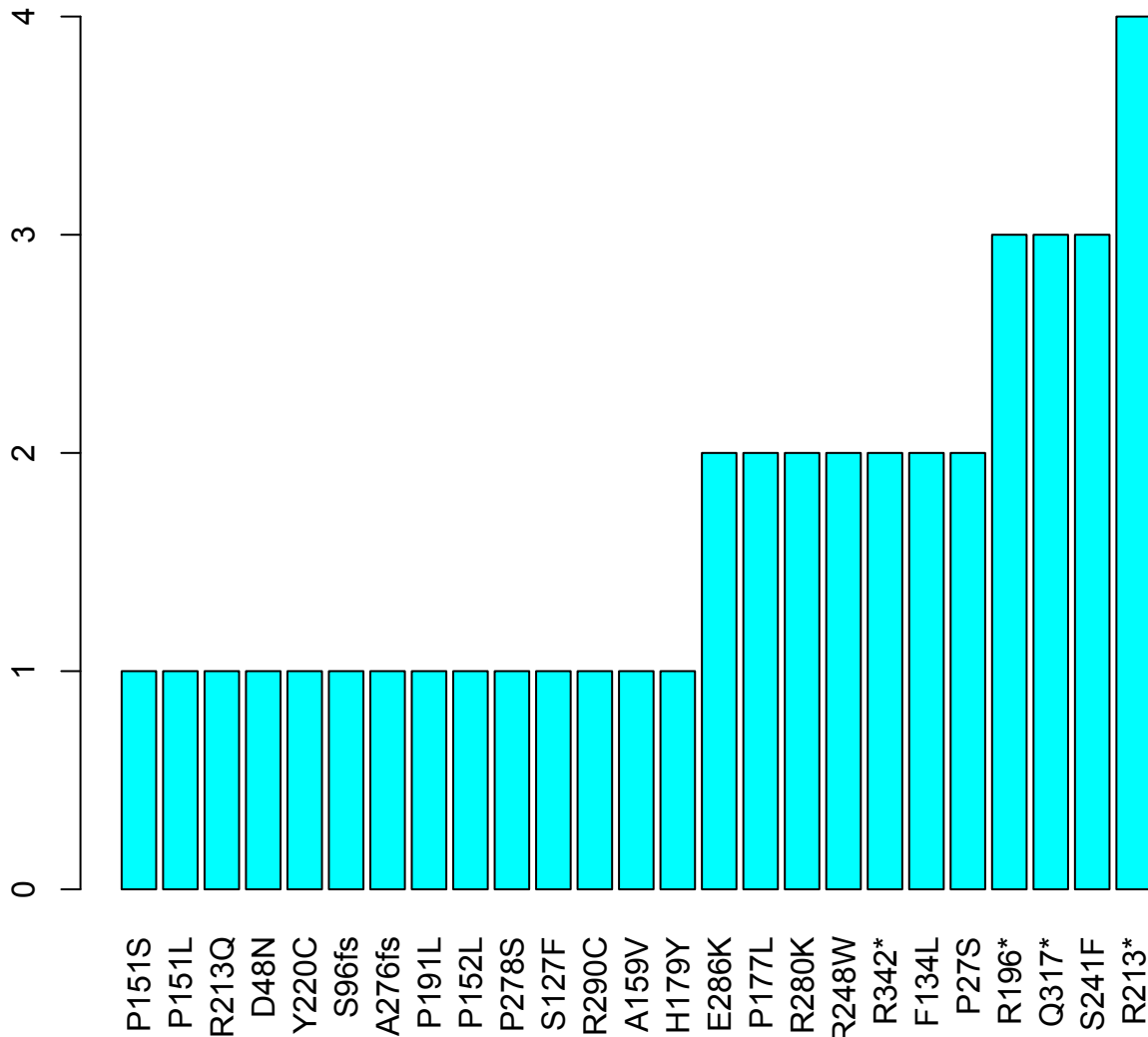


TP53 mutant positions in sarcoma (N=247), top 25



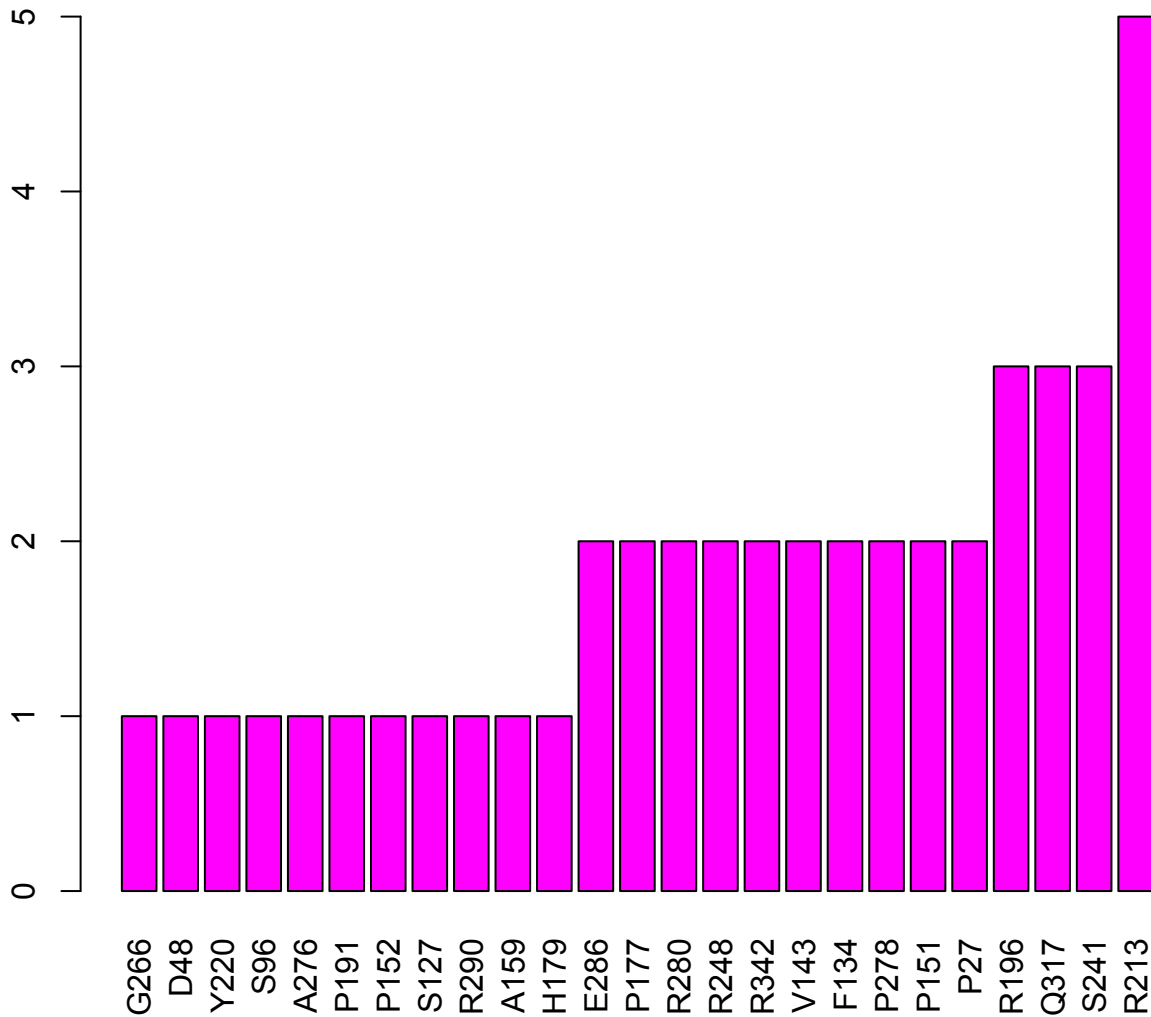
NbrSamples=247 Mutant Samples=85 Total Mutations=78 (34 not shown)

TP53 mutant **alleles** in skin cutaneous **melanoma** (N=371), **top 25**



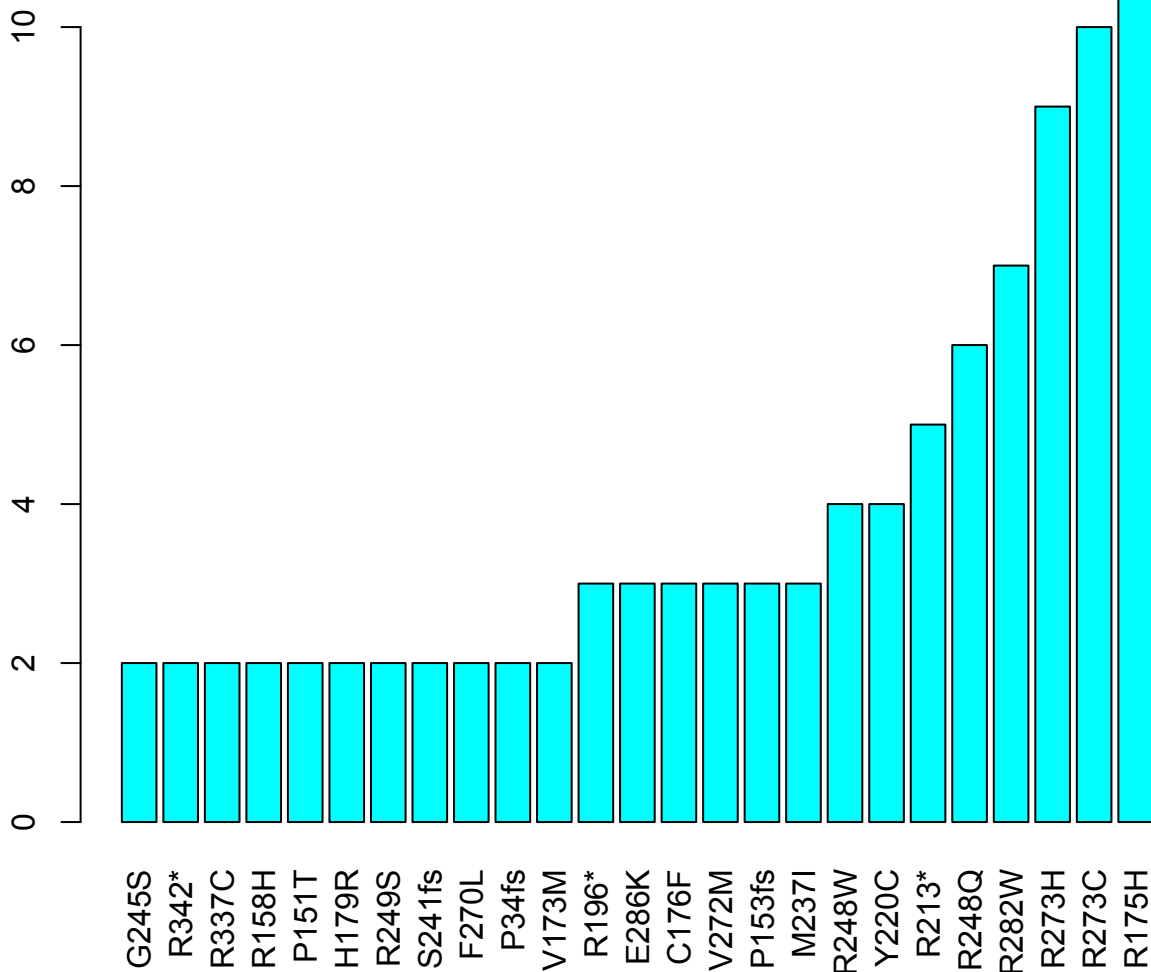
NbrSamples=371 Mutant Samples=56 Total Mutations=57 (16 not shown)

TP53 mutant **positions** in skin cutaneous **melanoma** (N=371), **top 25**



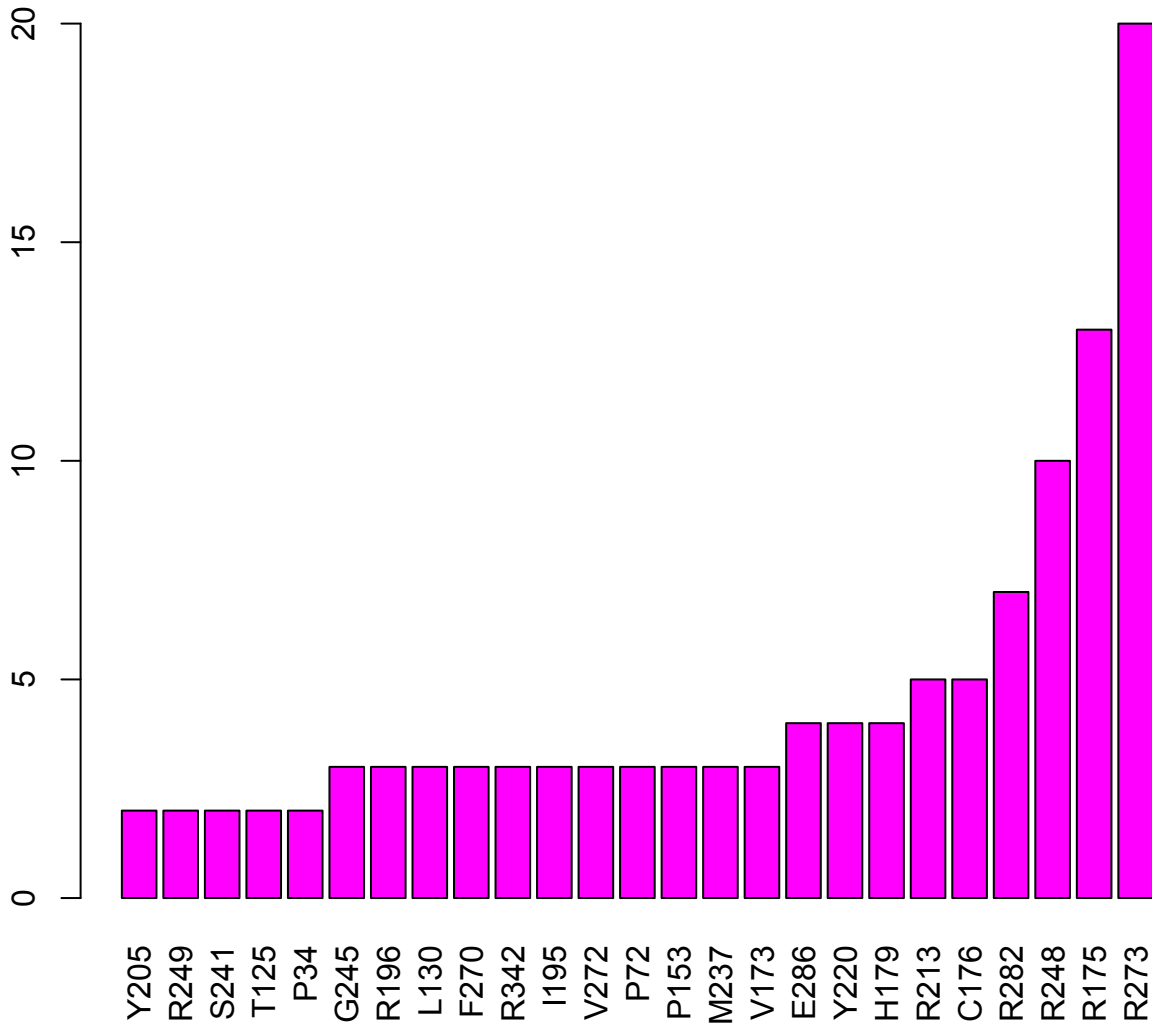
NbrSamples=371 Mutant Samples=56 Total Mutations=57 (12 not shown)

TP53 mutant **alleles** in **stomach** adenocarcinoma (N=395), **top 25**



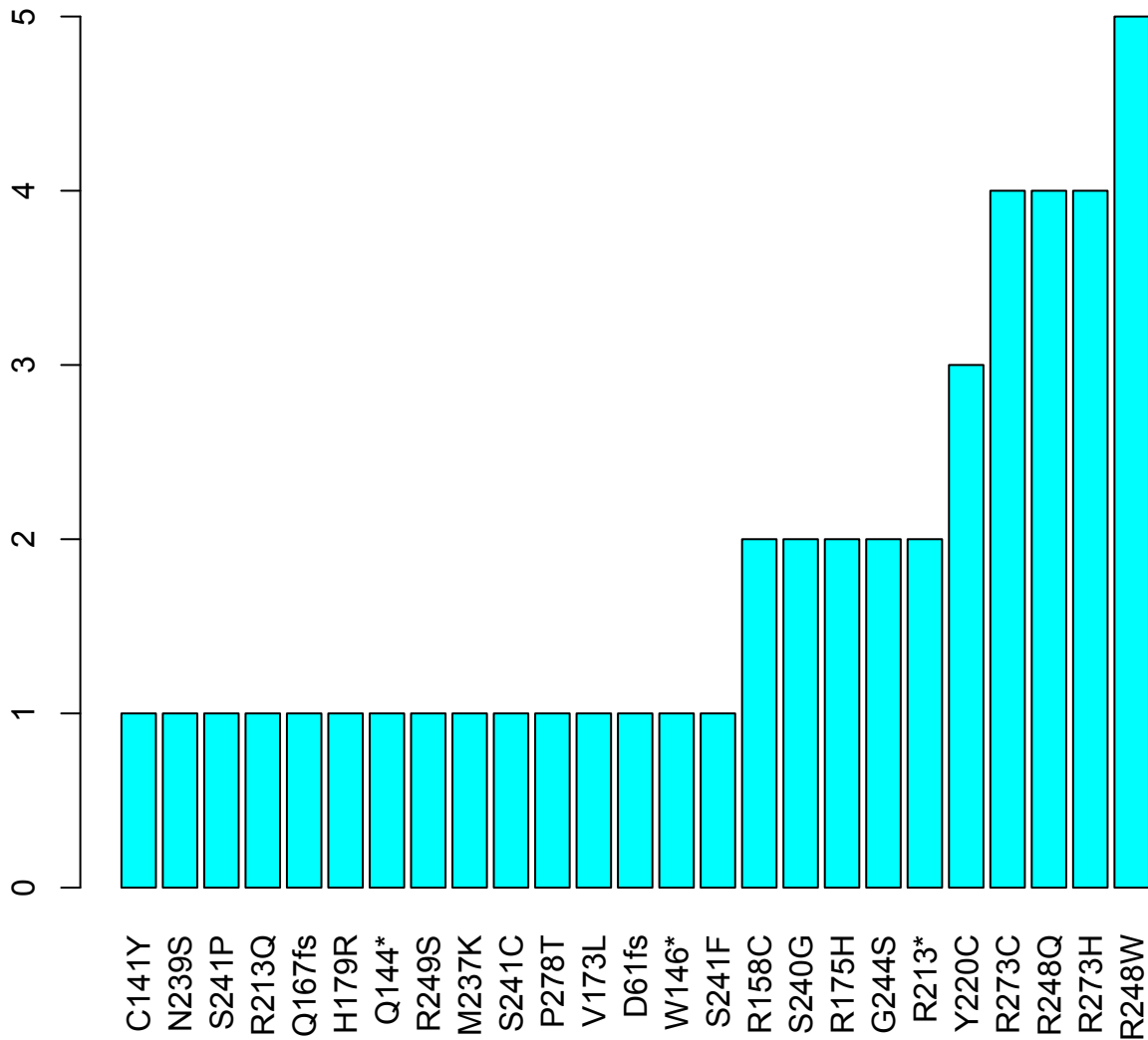
NbrSamples=395 Mutant Samples=190 Total Mutations=190(94 not shown)

TP53 mutant **positions** in **stomach** adenocarcinoma (N=395), **top 25**



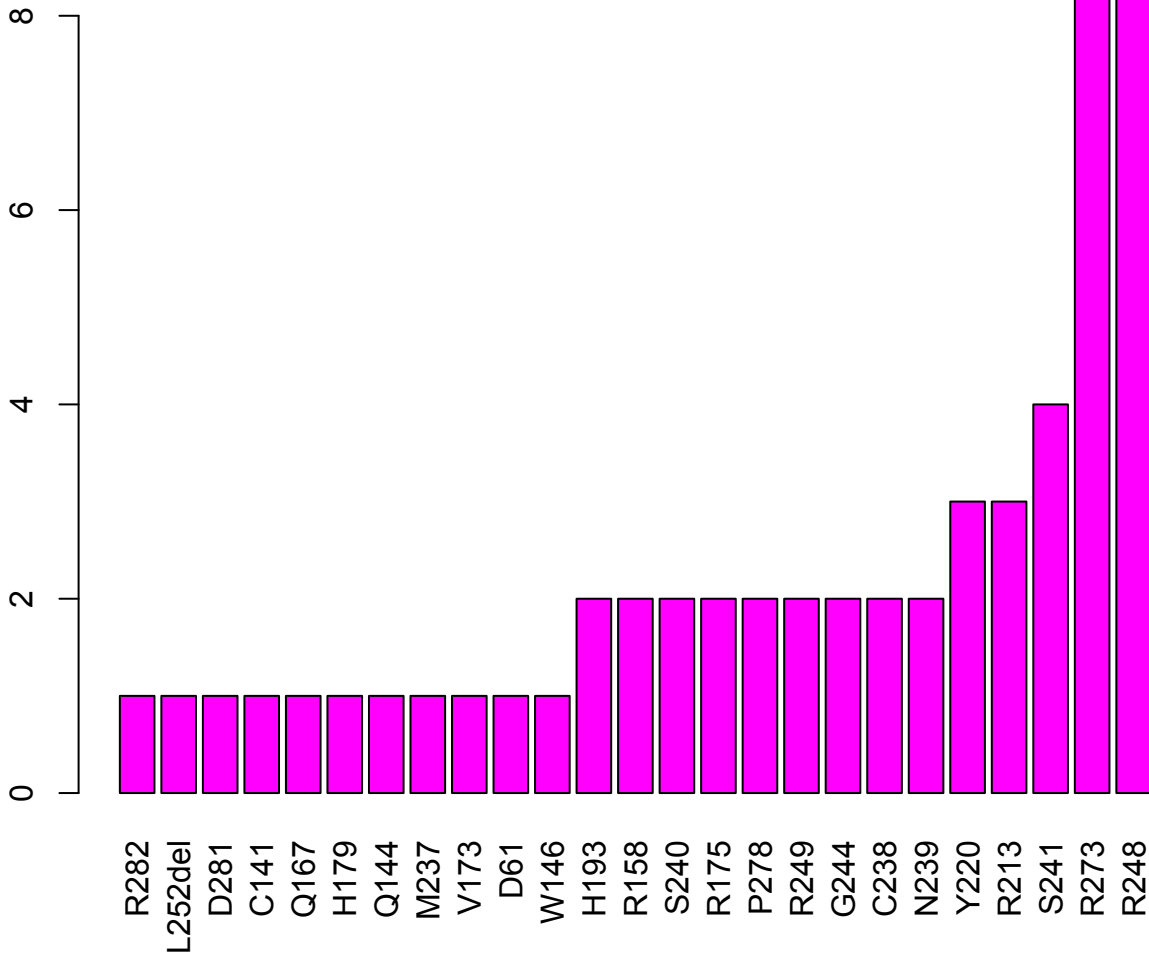
NbrSamples=395 Mutant Samples=190 Total Mutations=190 (75 not shown)

TP53 mutant **alleles** in uterine corpus **endometrial** carcinoma (N=248), top 25



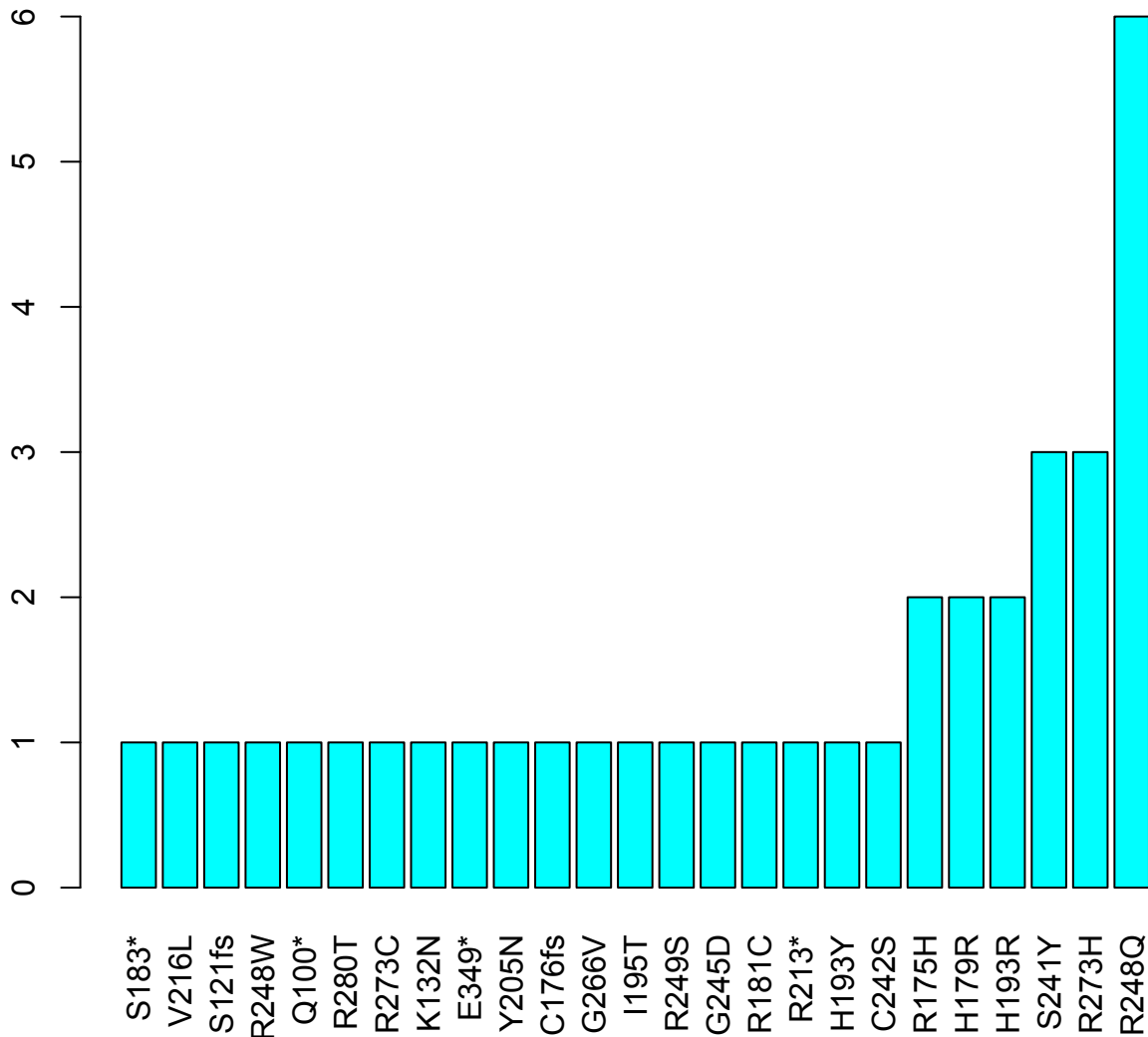
NbrSamples=248 Mutant Samples=69 Total Mutations=73(28 not shown)

TP53 mutant **positions** in uterine corpus **endometrial** carcinoma (N=248), **top 25**



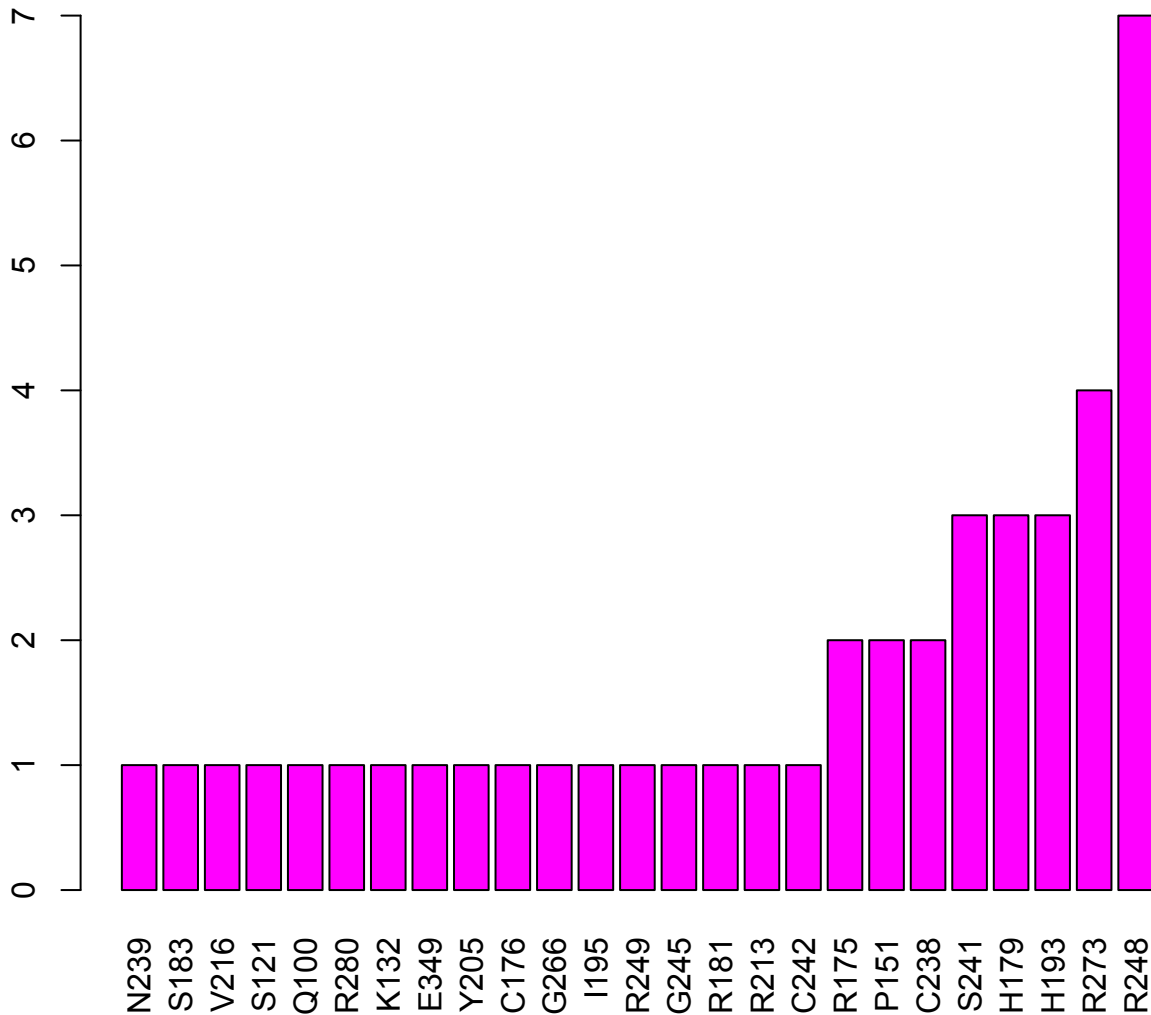
NbrSamples=248 Mutant Samples=69 Total Mutations=73 (16 not shown)

TP53 mutant **alleles** in **uterine** carcinosarcoma (N=57), **top 25**



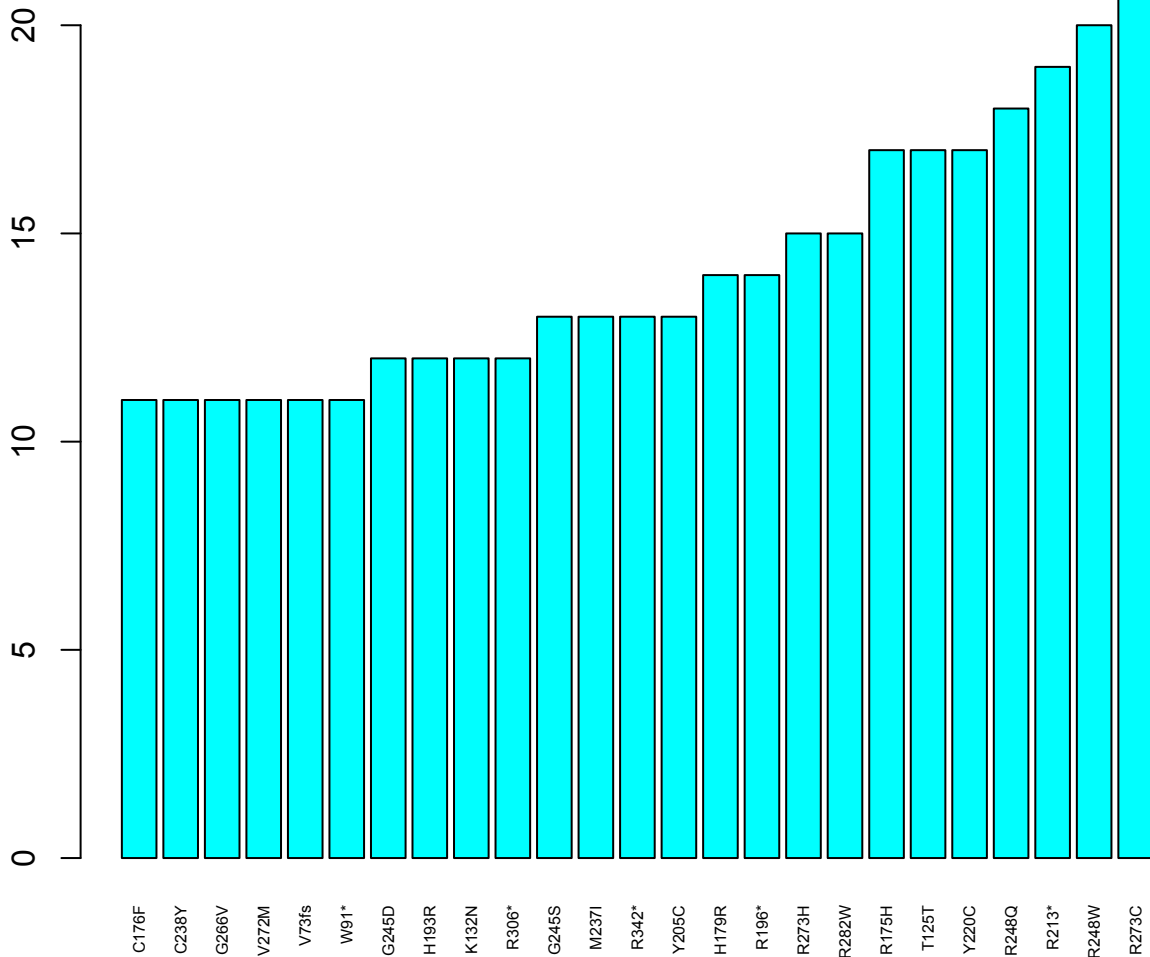
NbrSamples=57 Mutant Samples=52 Total Mutations=52(15 not shown)

TP53 mutant **positions** in **uterine** carcinosarcoma (N=57), **top 25**



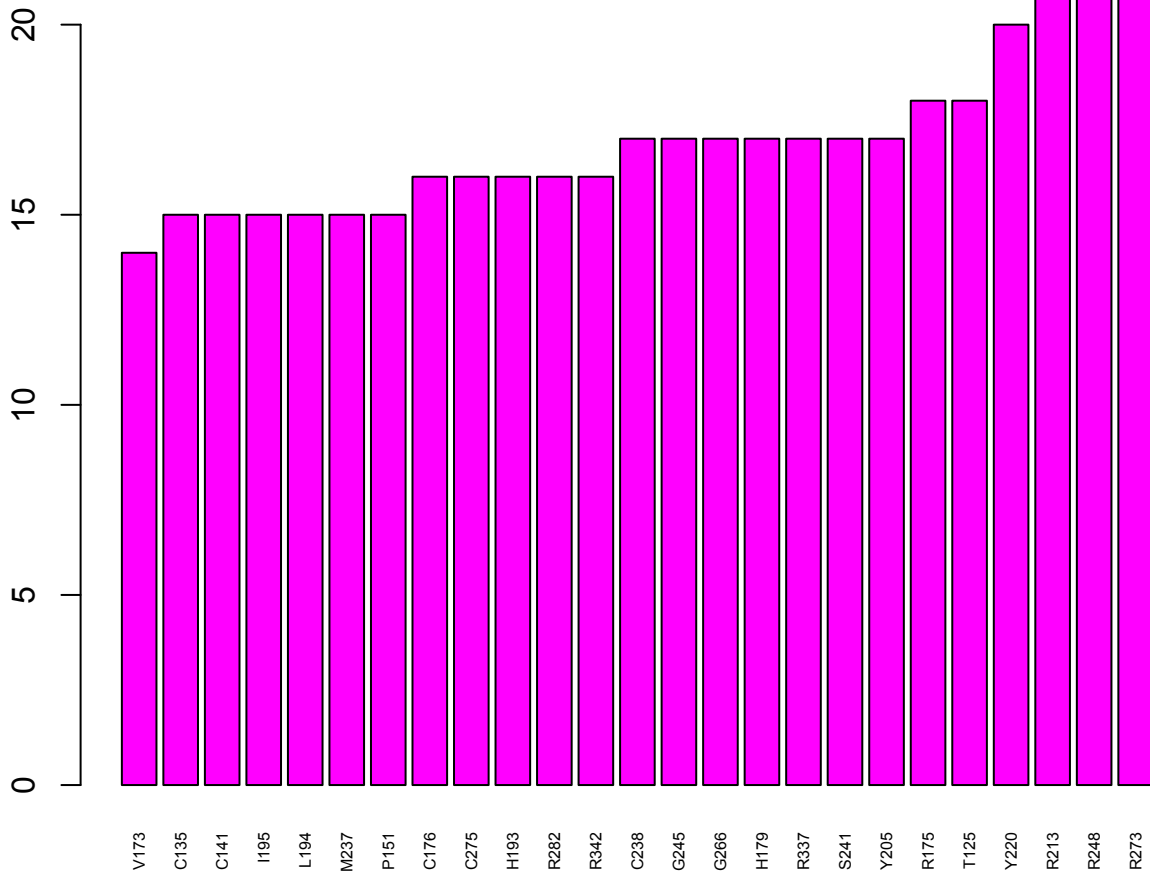
NbrSamples=57 Mutant Samples=52 Total Mutations=52 (9 not shown)

Number of cancer **types** where each TP53 **mutation** occurs, **top 25**



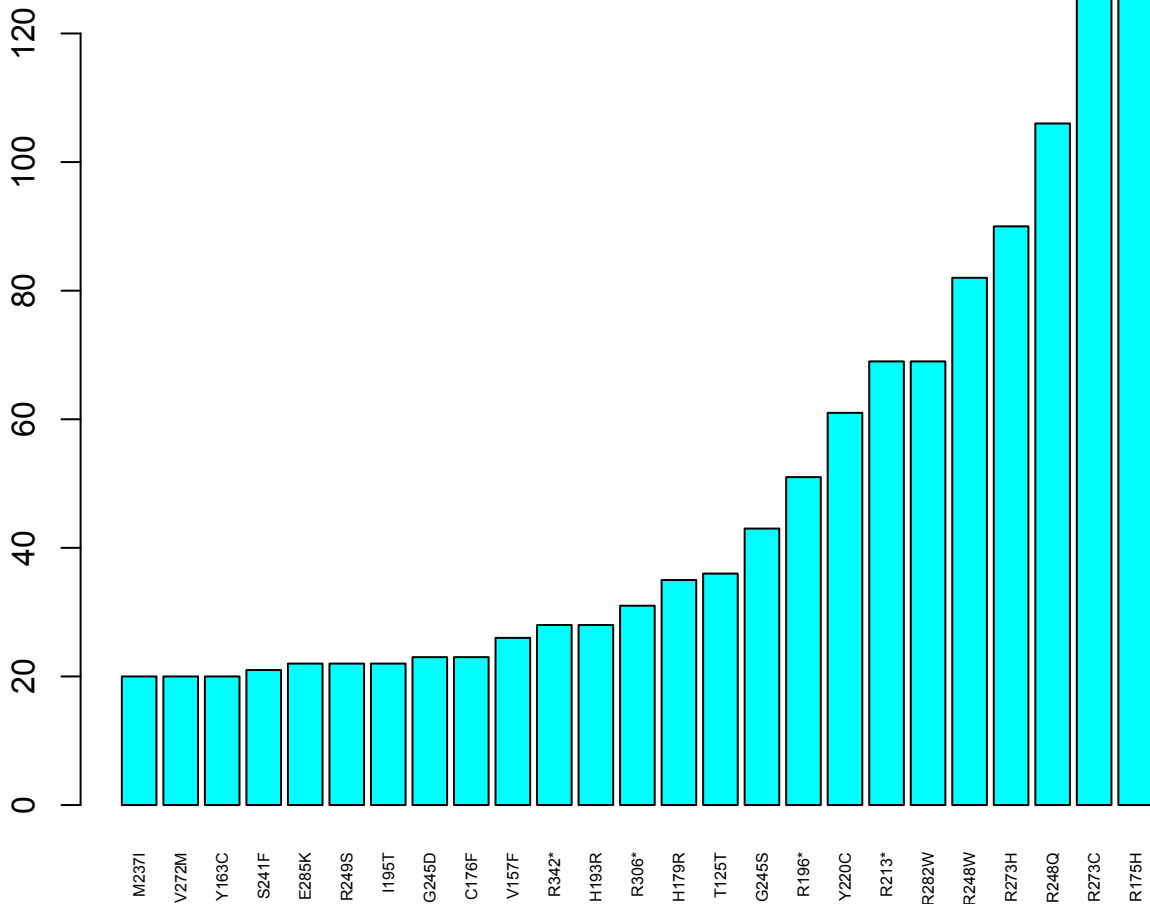
1925 not shown

Number of cancer **types** where each TP53 mutation **position** occurs, **top 25**



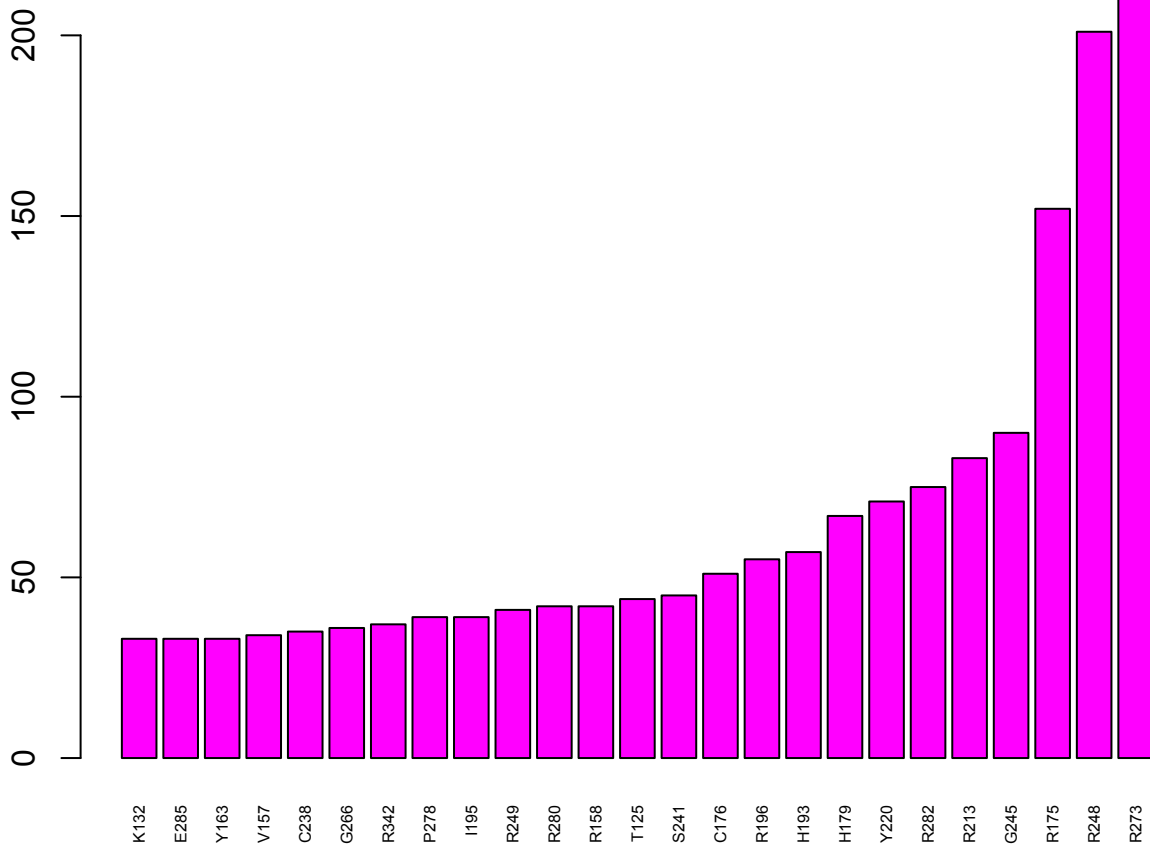
1308 not shown

Number of **times** each TP53 **mutation** occurs across all cancer types, **top 25**



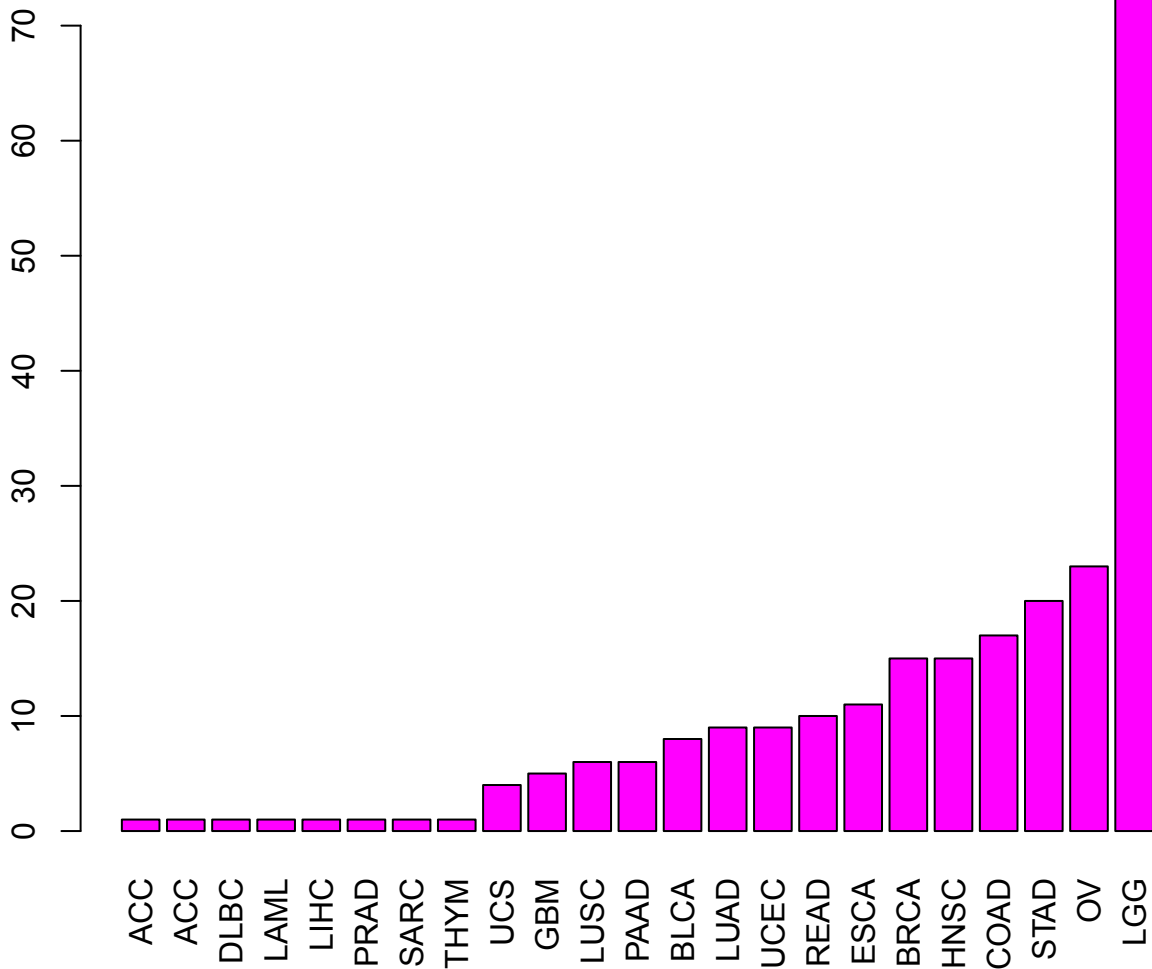
2385 not shown

Number of **times** each TP53 mutation **position** occurs across all cancer types, **top 25**

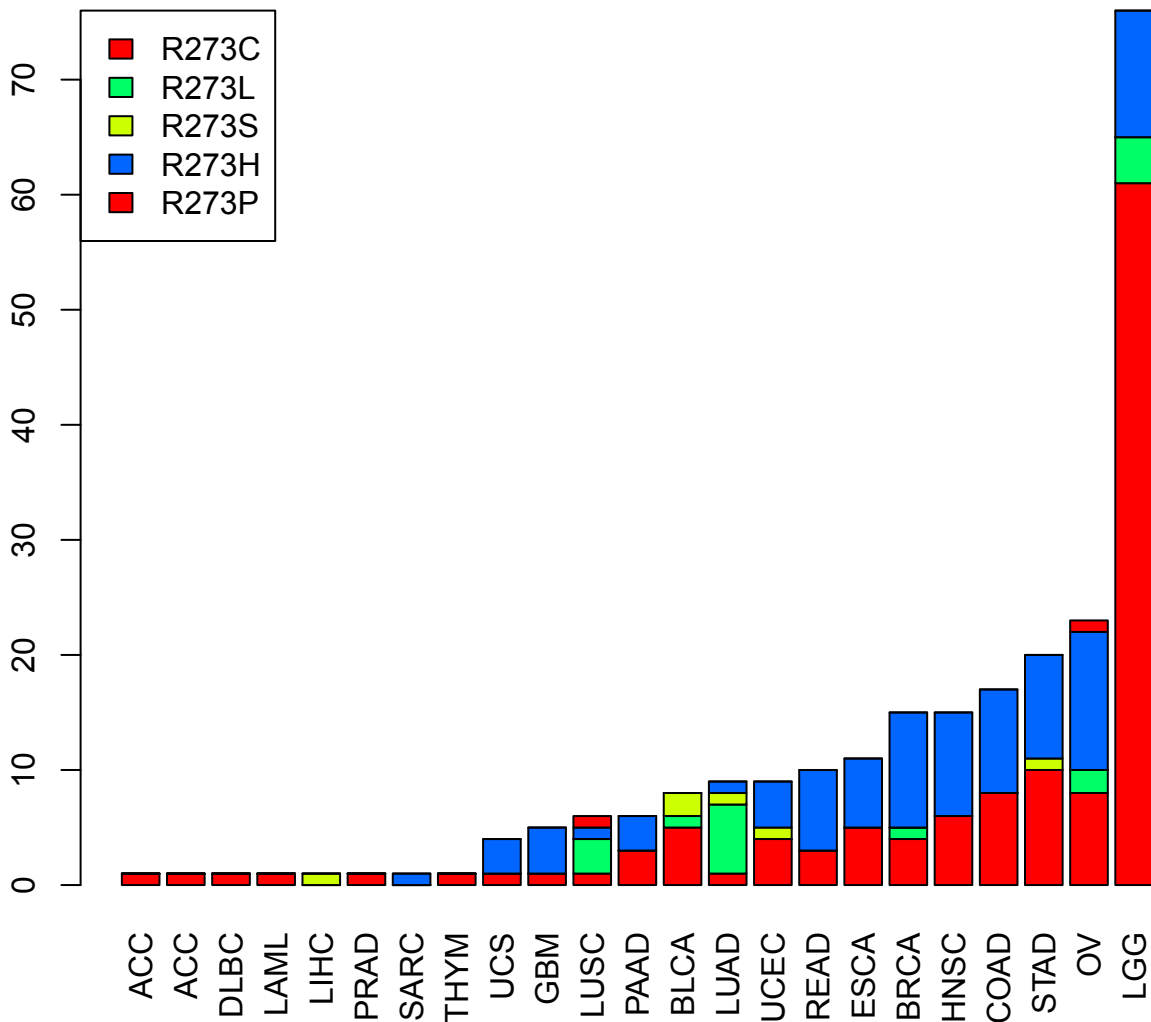


1919 not shown

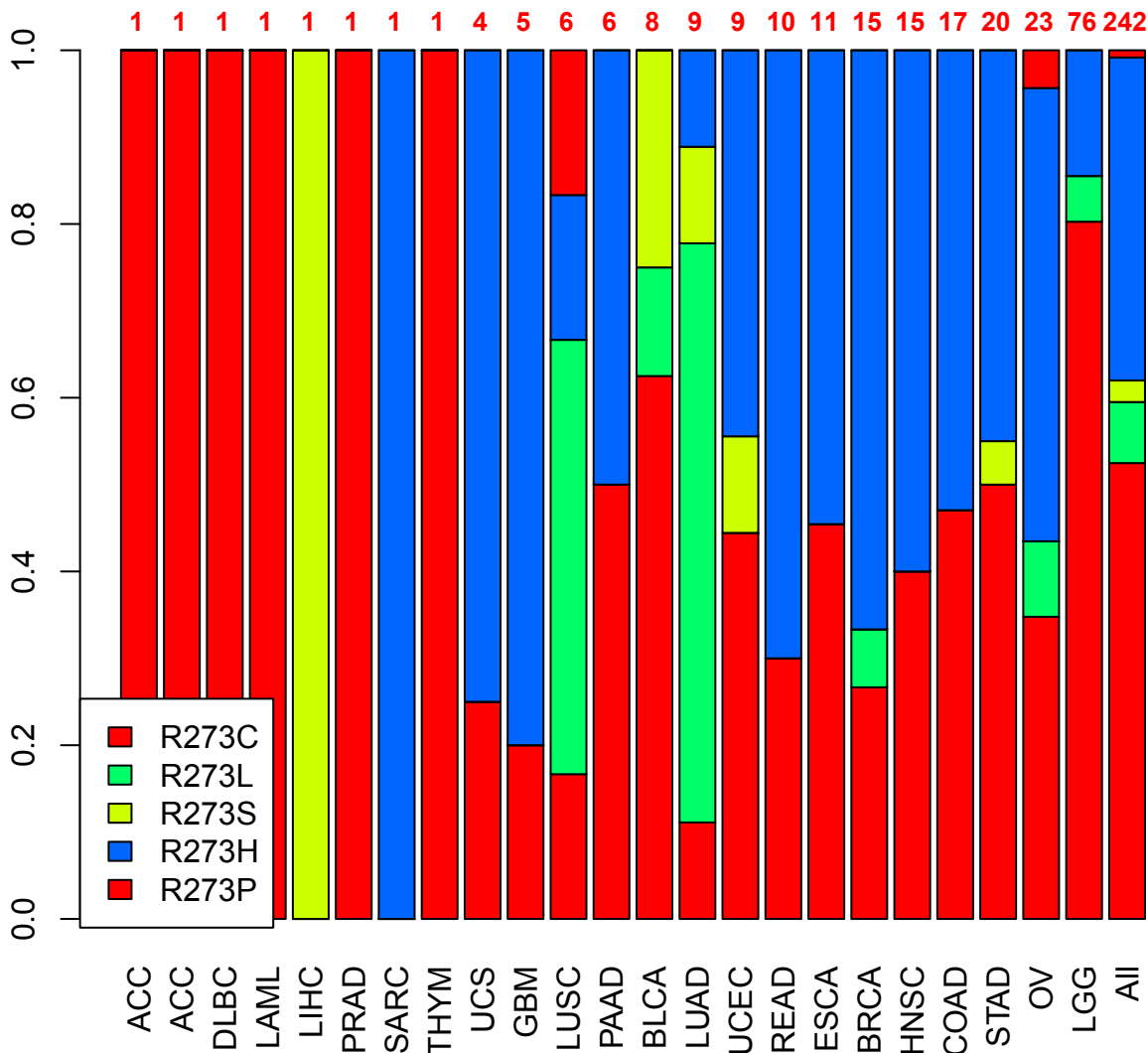
Total number of TP53 R273 mutations in different cancer types



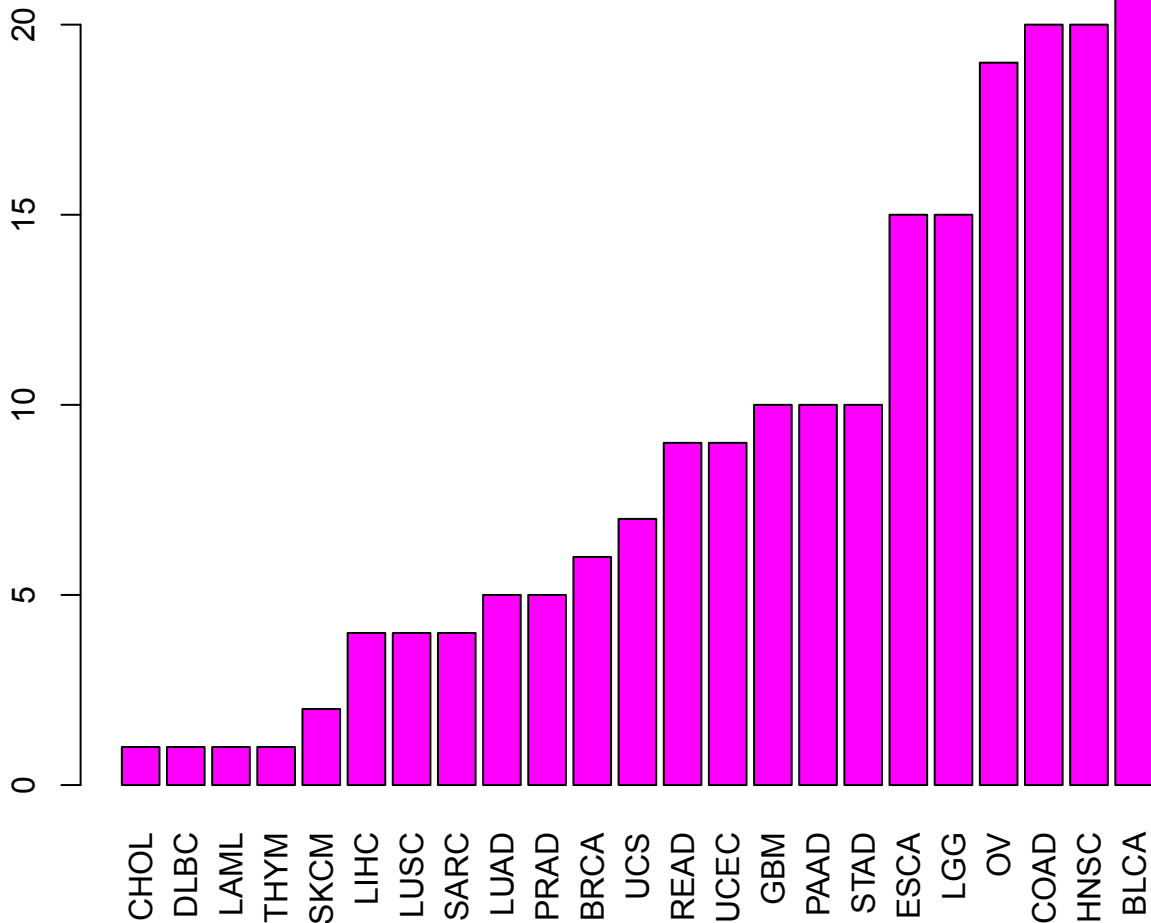
Mutated allele breakdown for TP53 R273 mutations



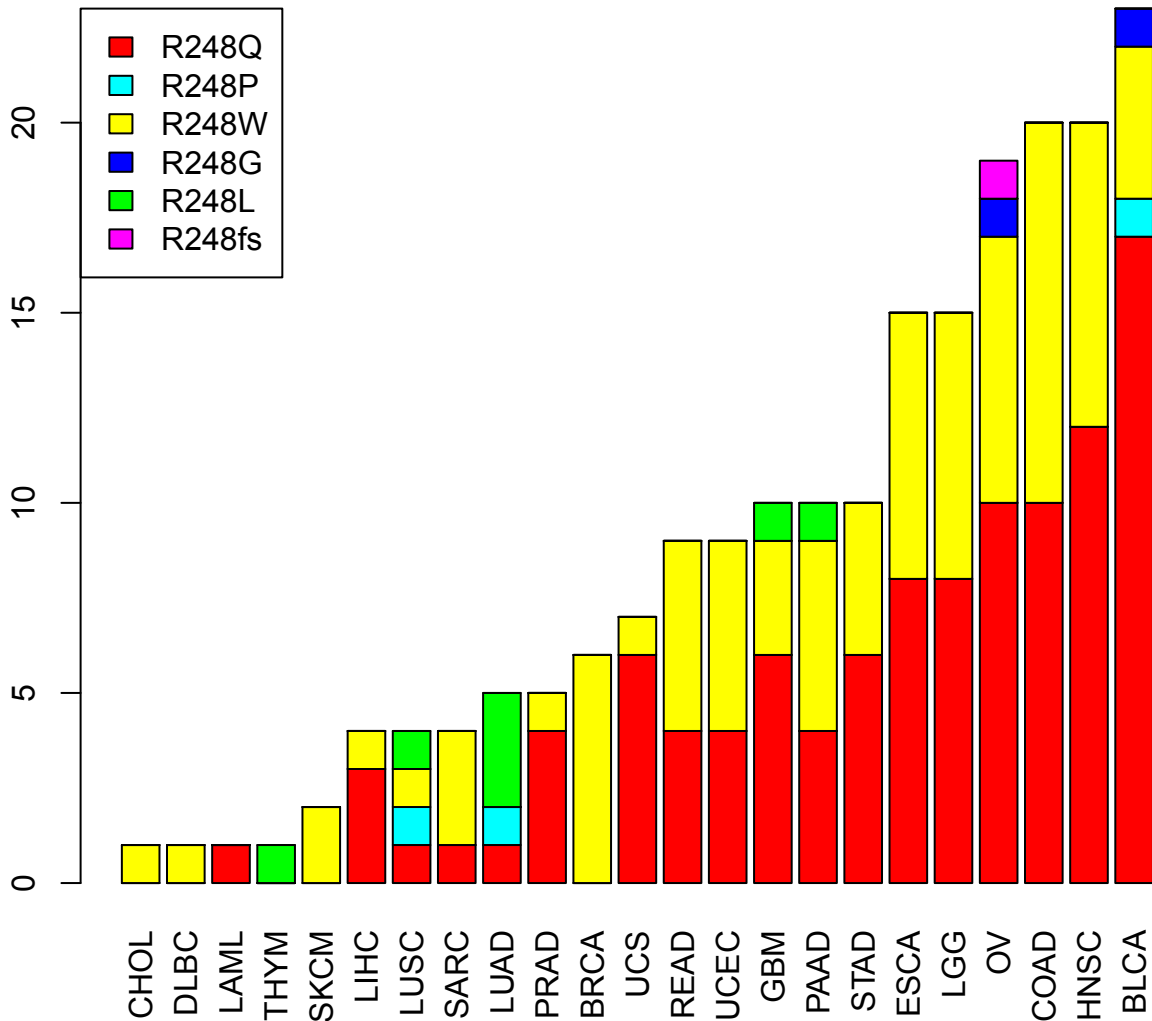
Proportional view of allele breakdown of TP53 R273 mutations



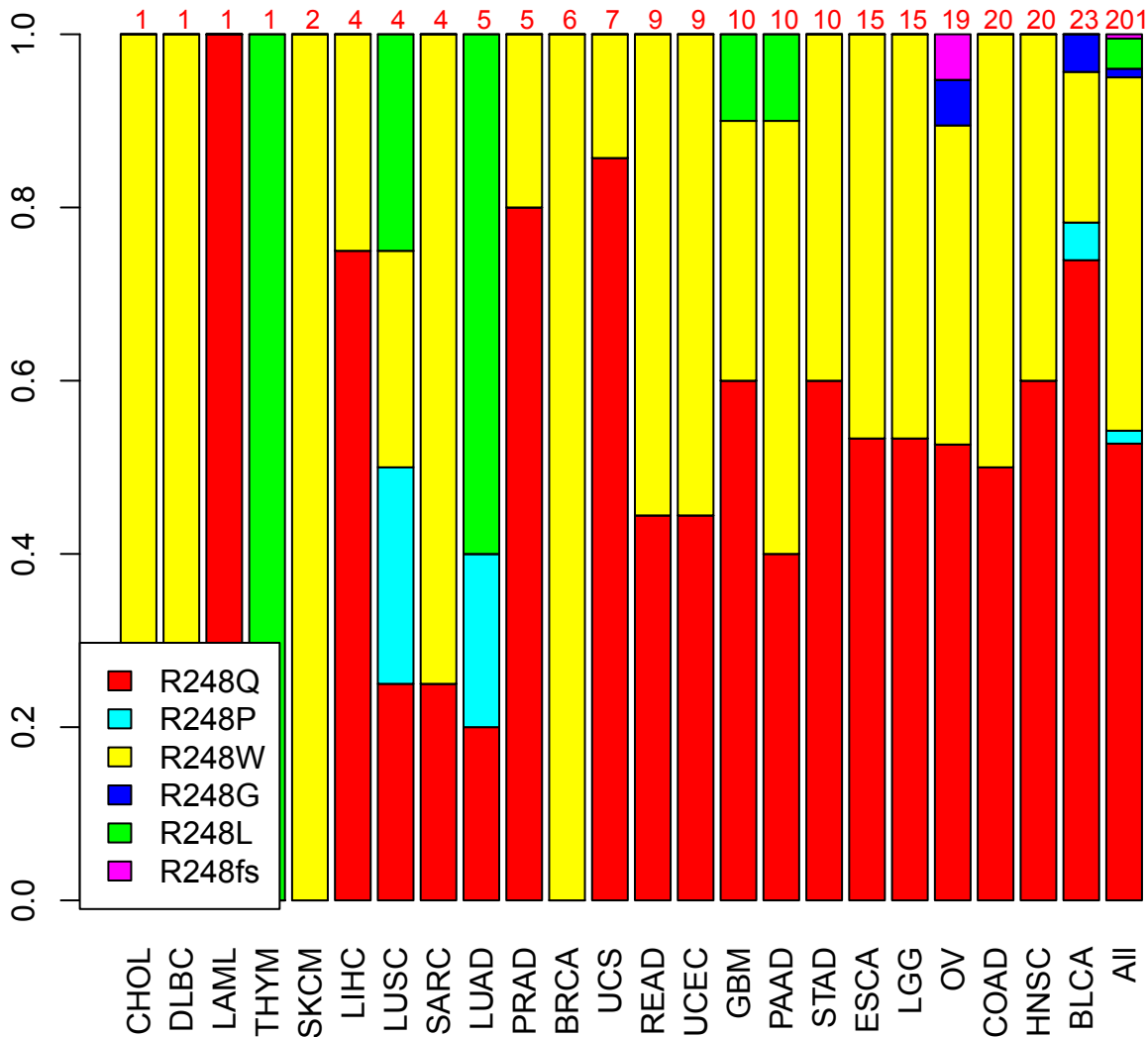
Total number of TP53 **R248** mutations in different cancer types



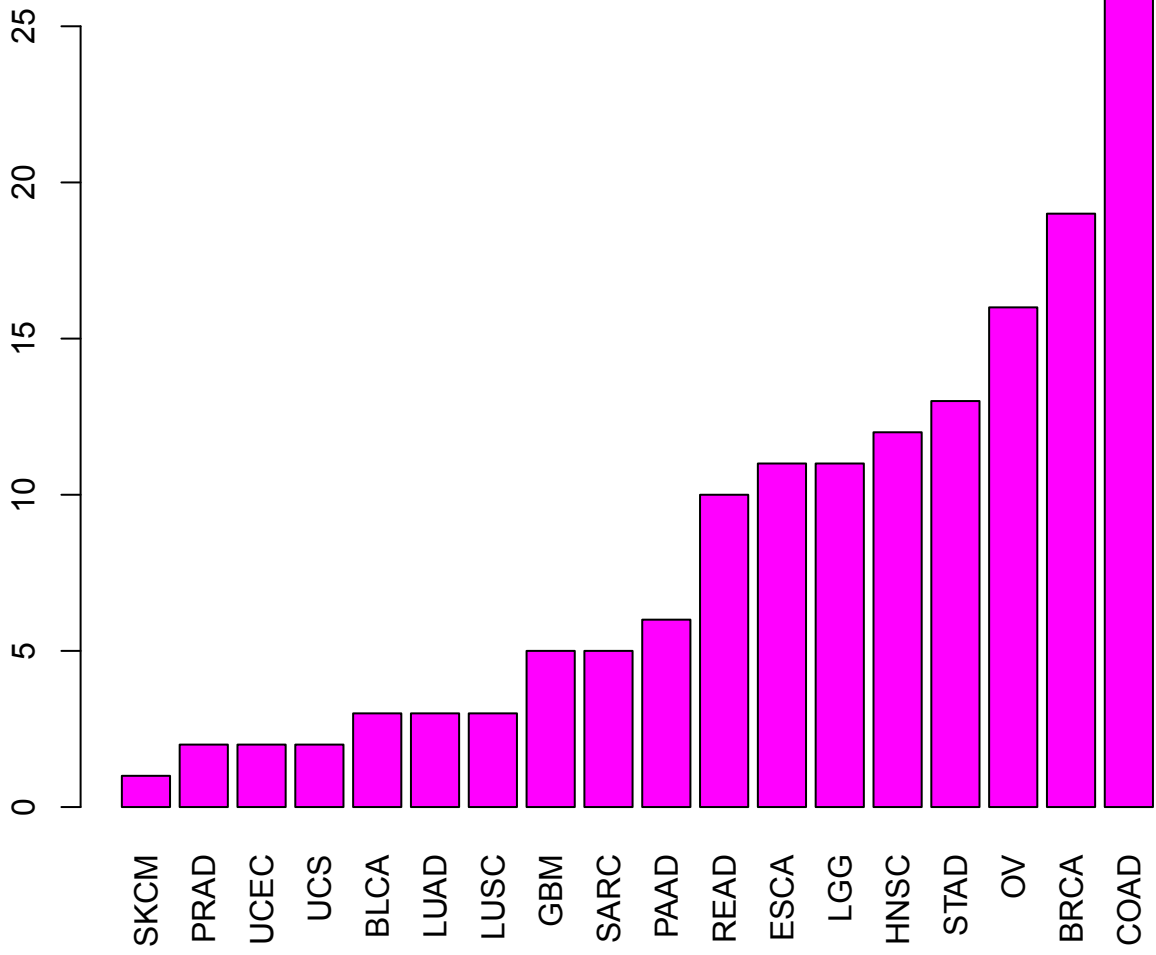
Mutated allele breakdown for TP53 R248 mutations



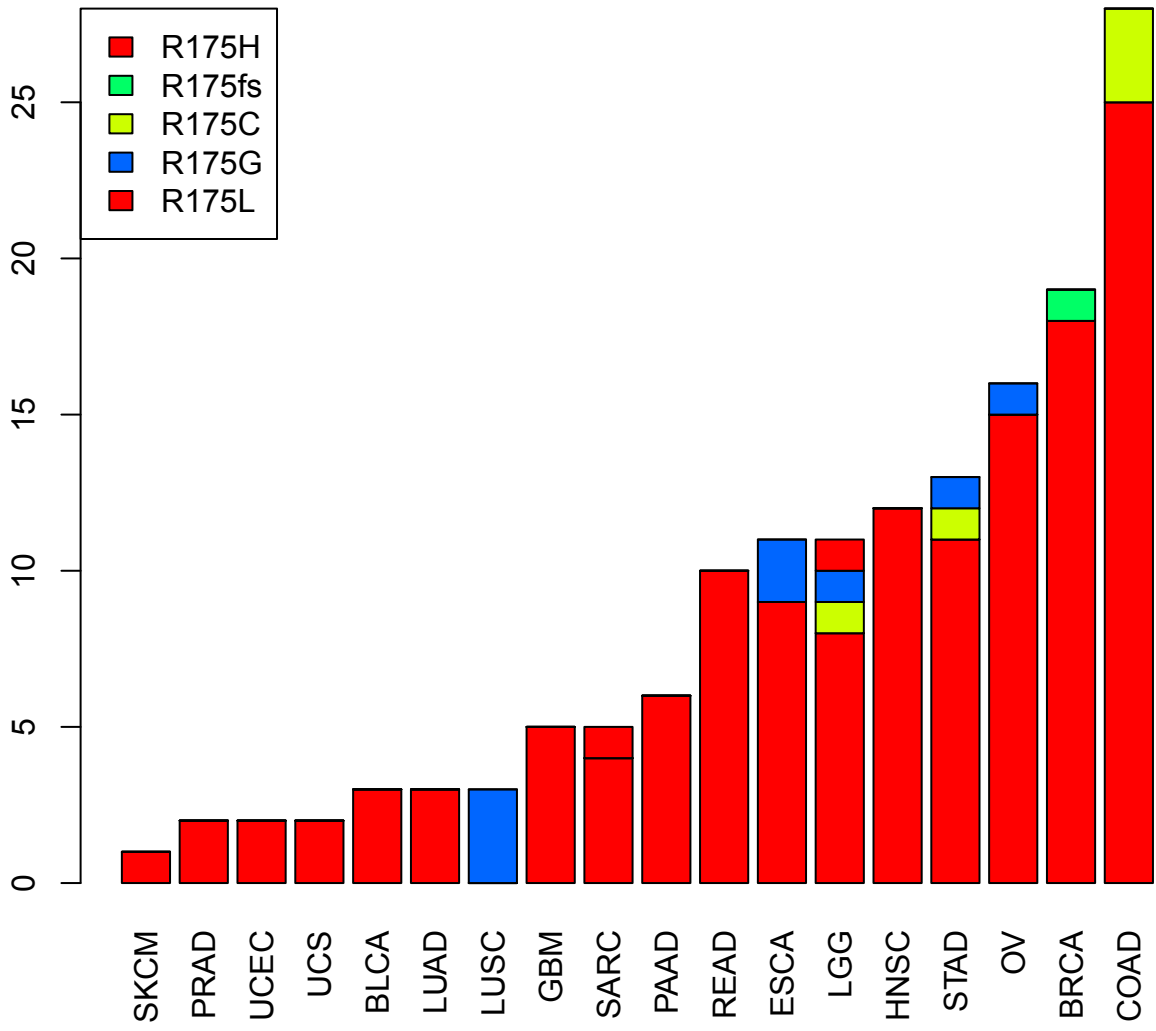
Proportional view of allele breakdown of TP53 R248 mutations



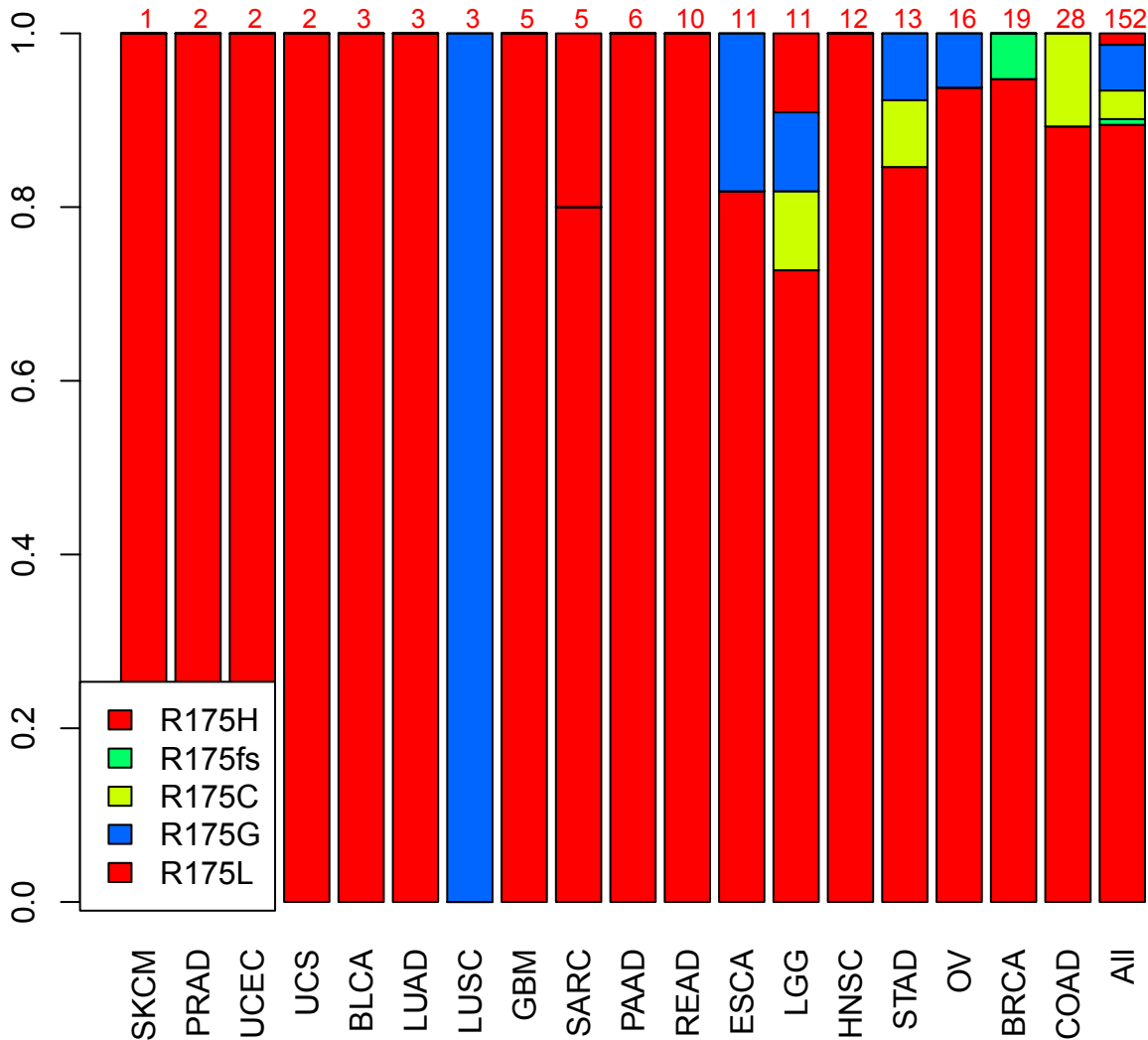
Total number of TP53 **R175** mutations in different cancer types



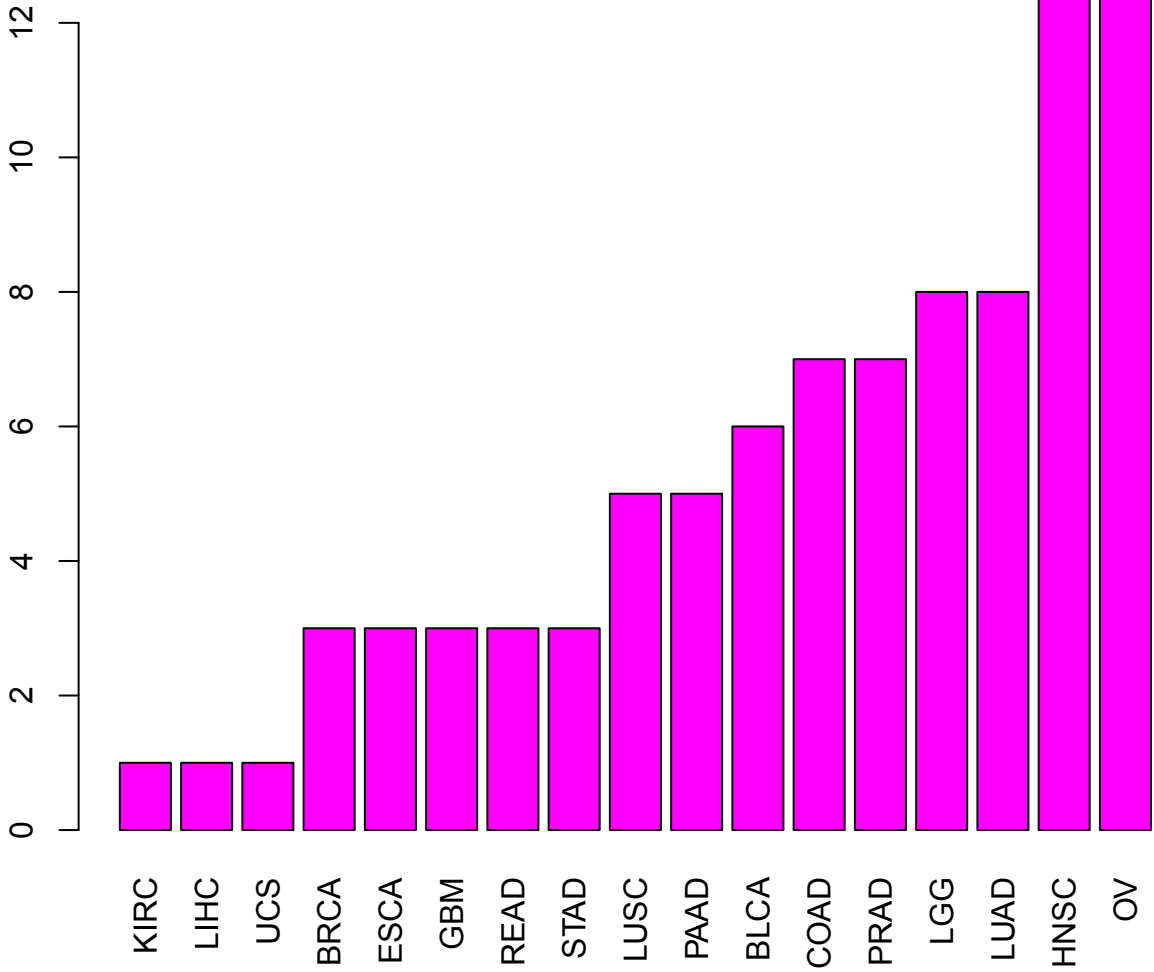
Mutated allele breakdown for TP53 R175 mutations



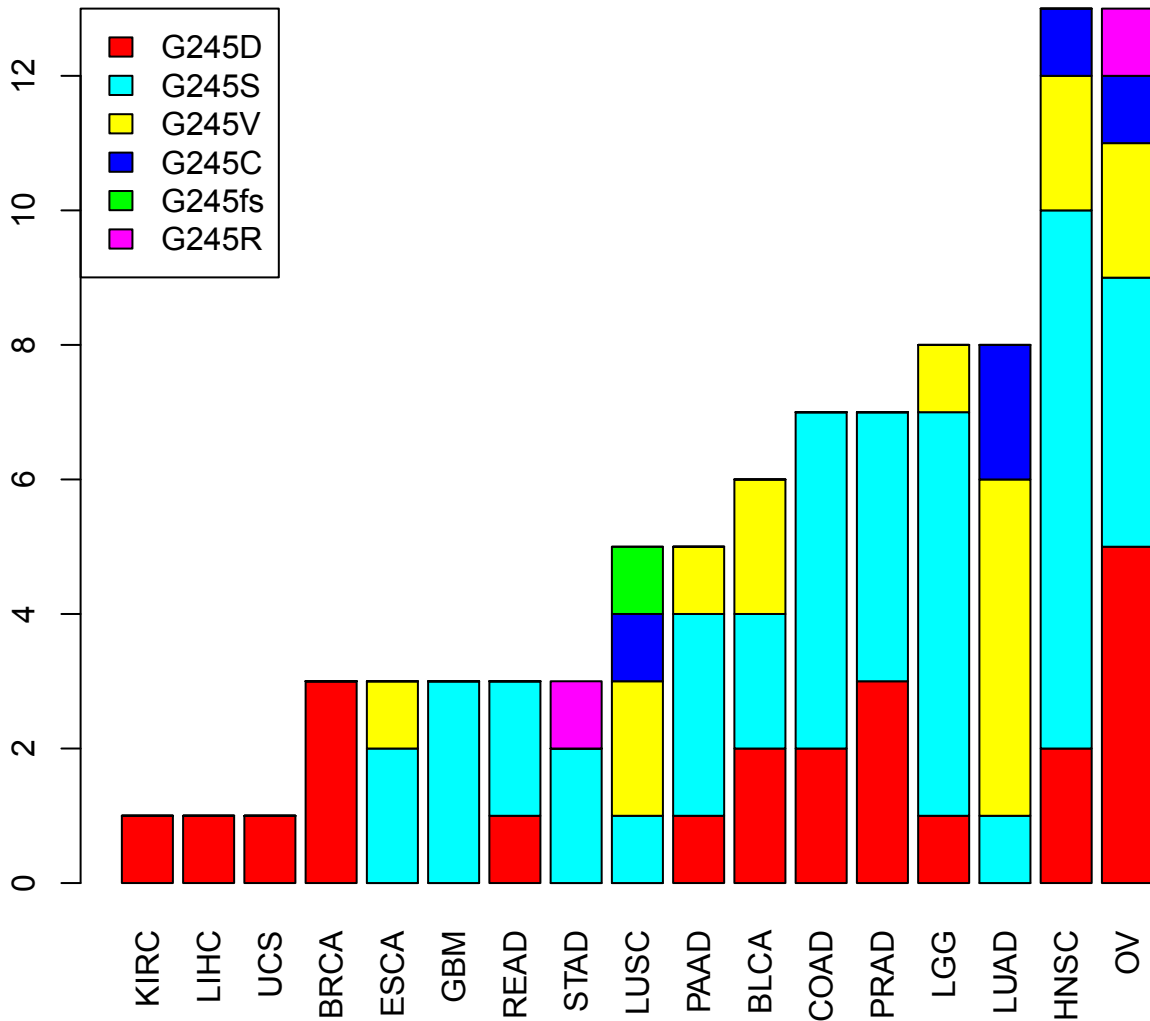
Proportional view of allele breakdown of TP53 R175 mutations



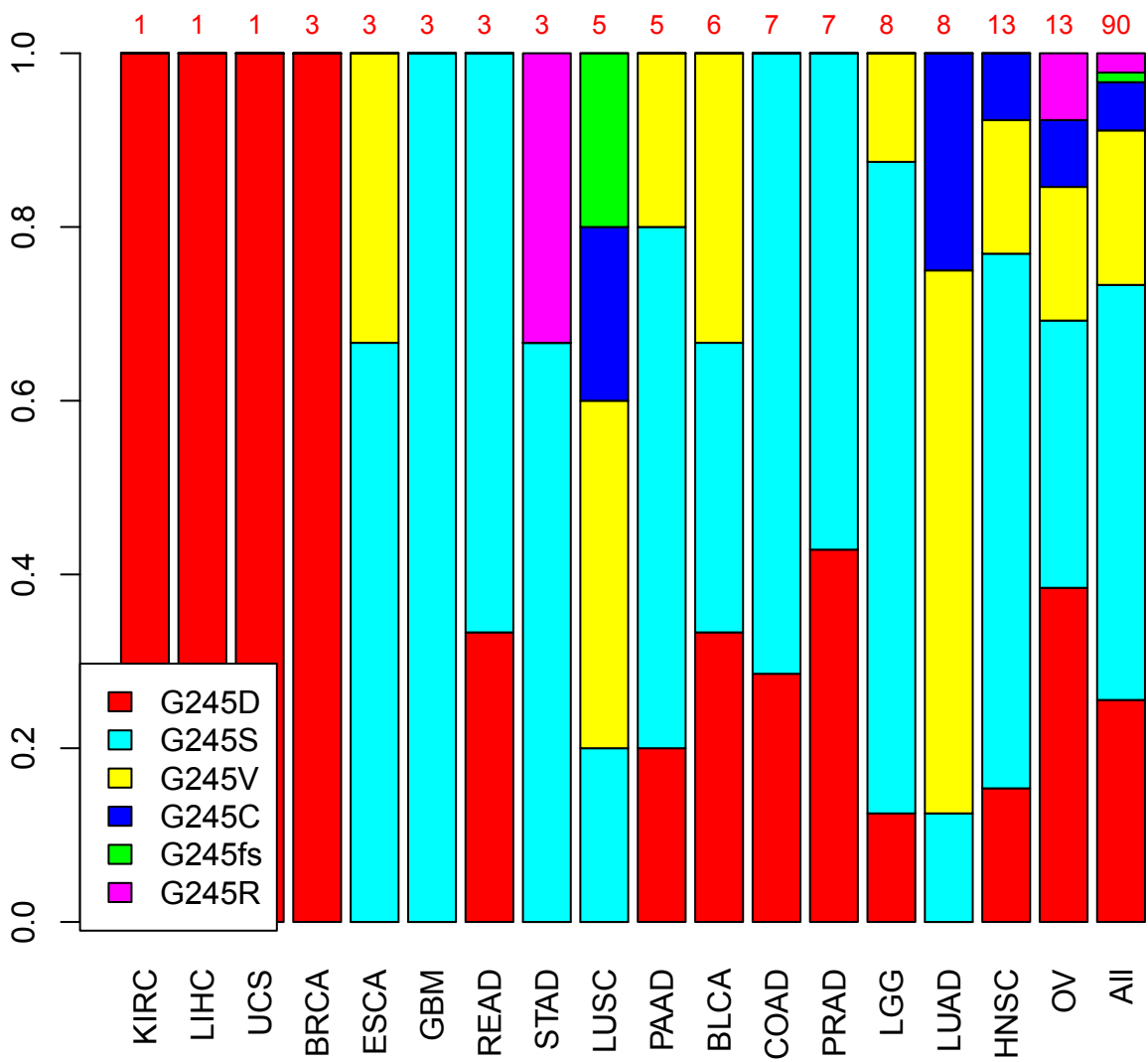
Total number of TP53 **G245** mutations in different cancer types



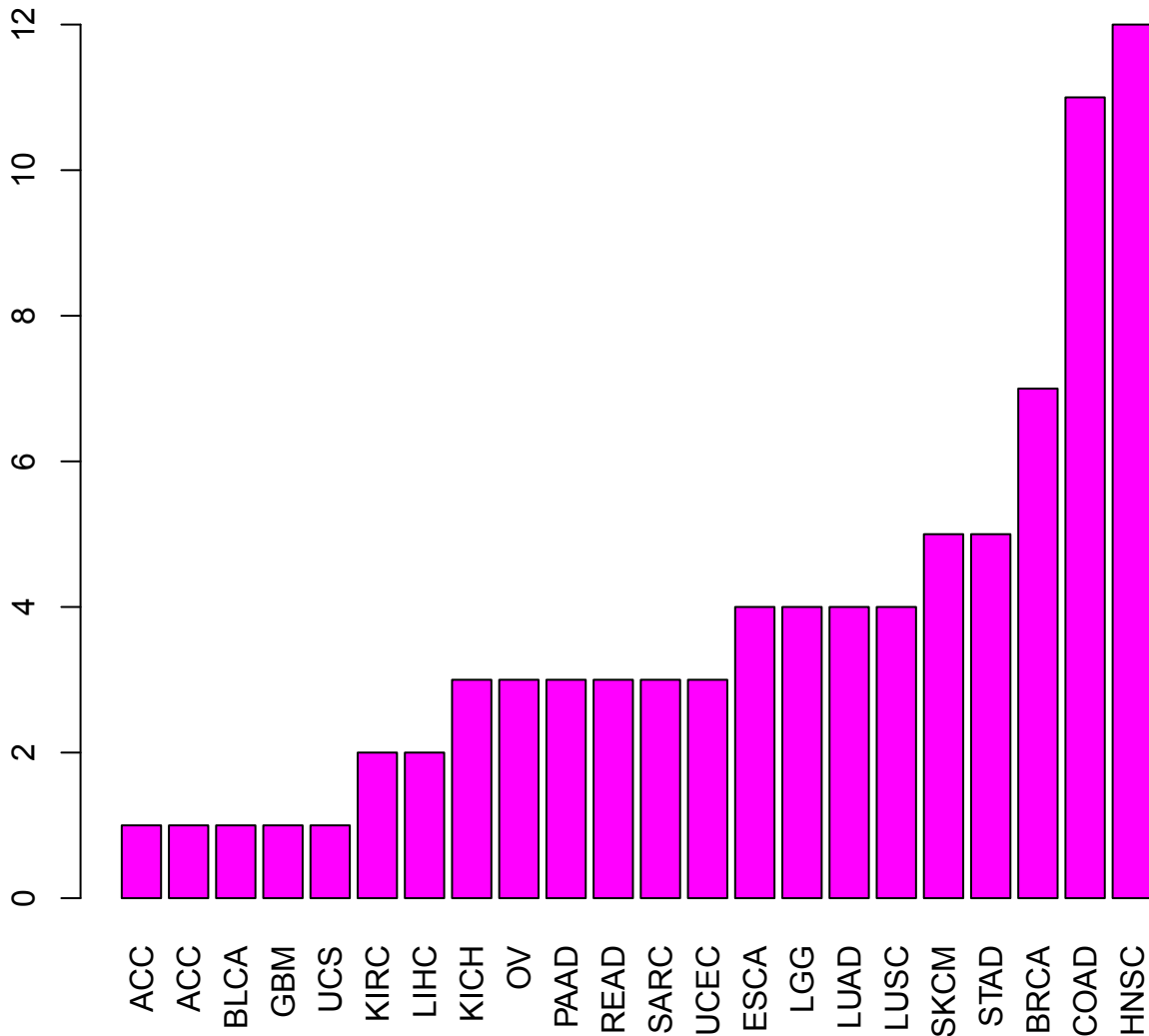
Mutated allele breakdown for TP53 **G245** mutations



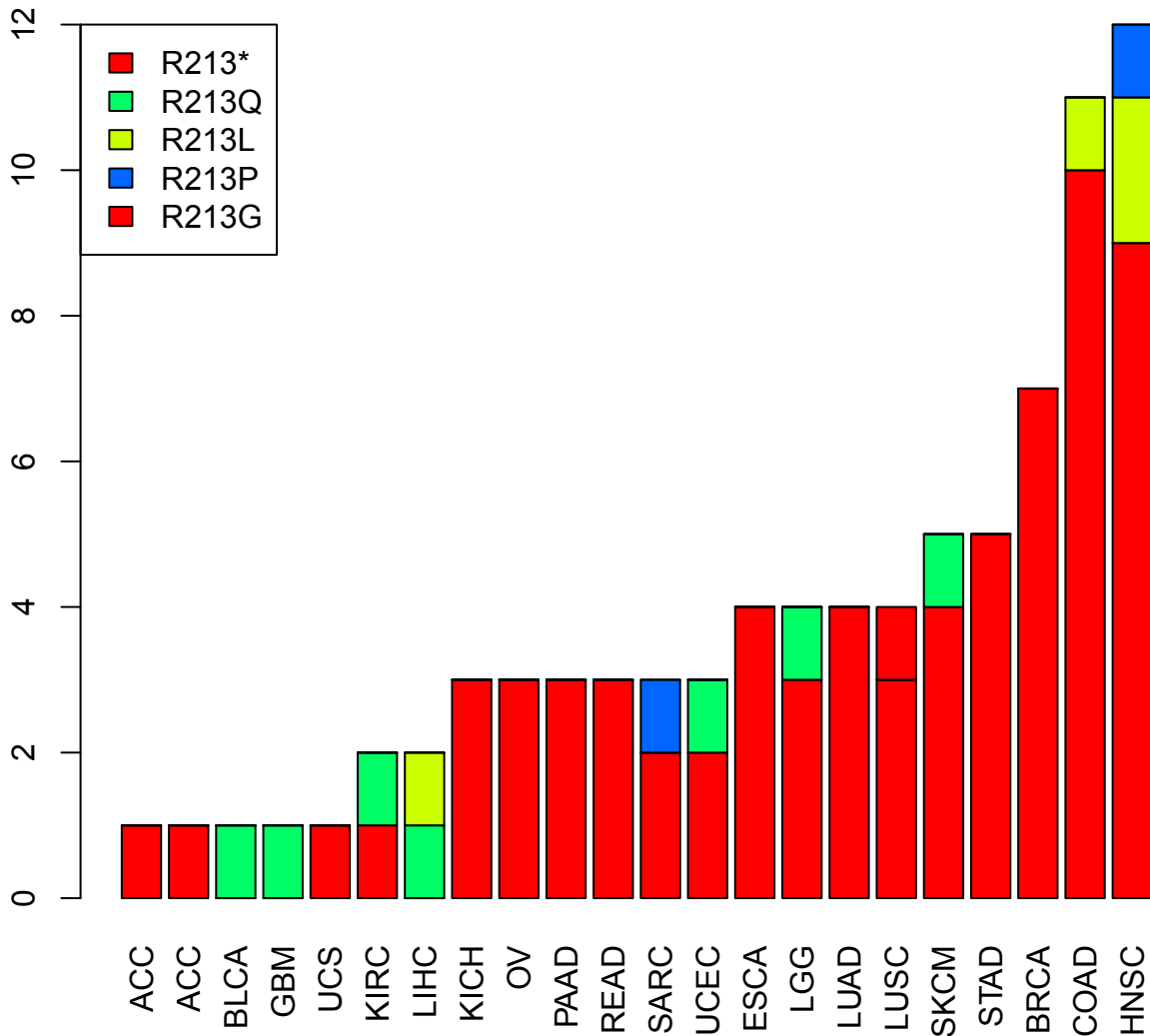
Proportional view of allele breakdown of TP53 **G245** mutations



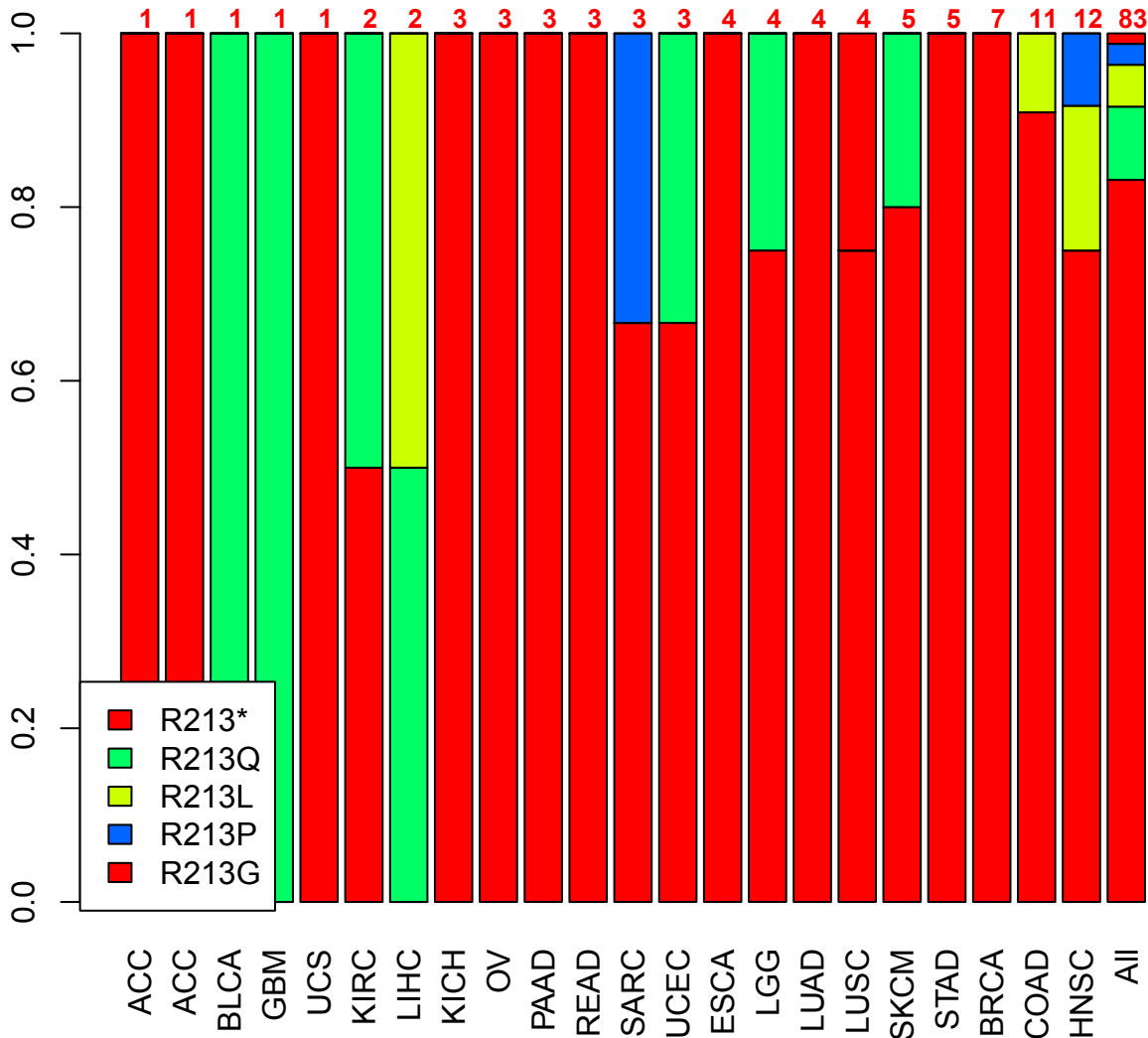
Total number of TP53 **R213** mutations in different cancer types



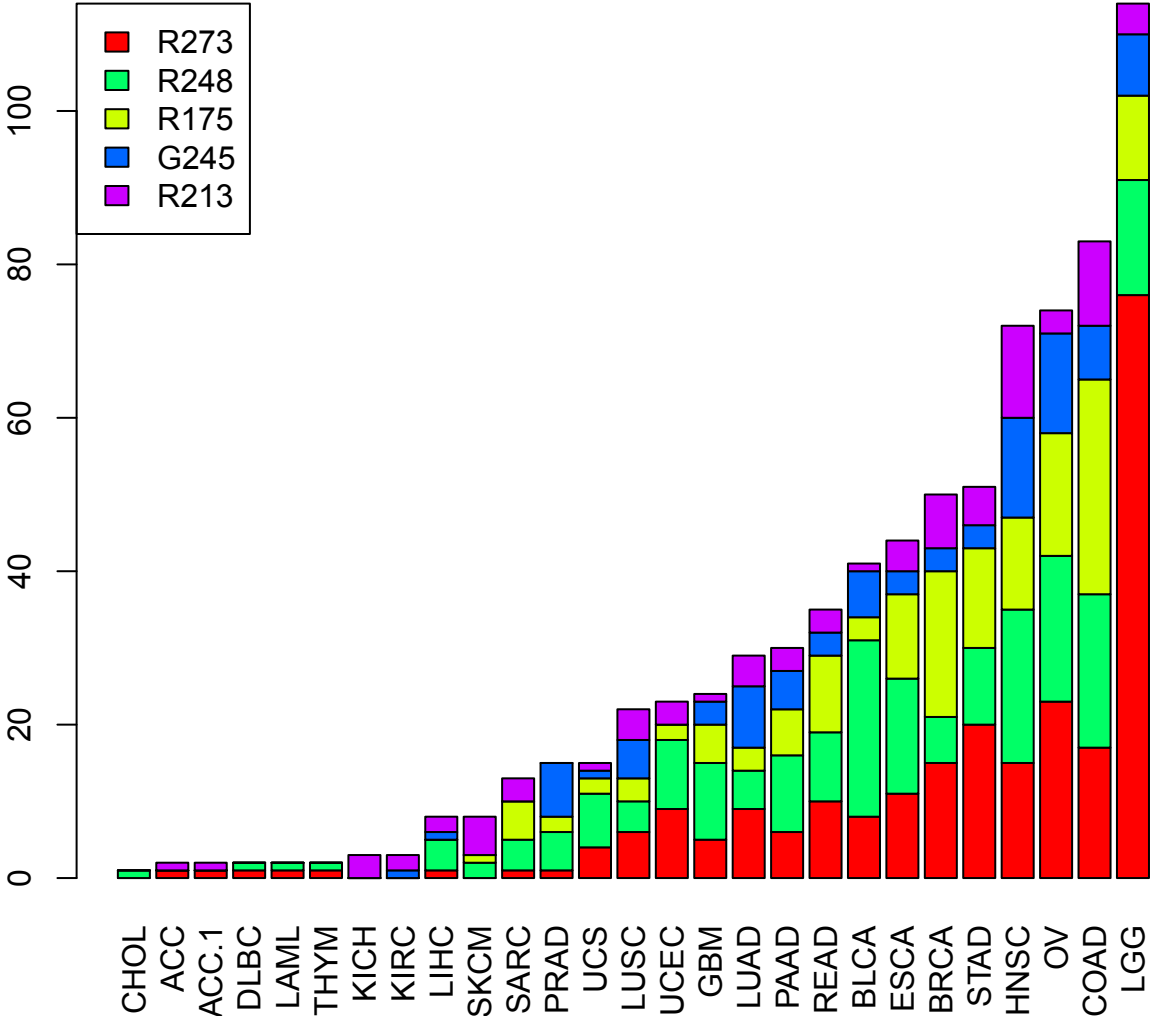
Mutated allele breakdown for TP53 R213 mutations



Proportional view of allele breakdown of TP53 R213 mutations



Positional breakdown of TP53 mutations across cancer types



Proportional **position** breakdown of TP53 mutations

