

TCGA melanoma subset test

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```
## [1] "Size of input set across all samples"
```

```
## [1] 99999 113
```

```
## [1] "Size of input set across all samples after filtering"
```

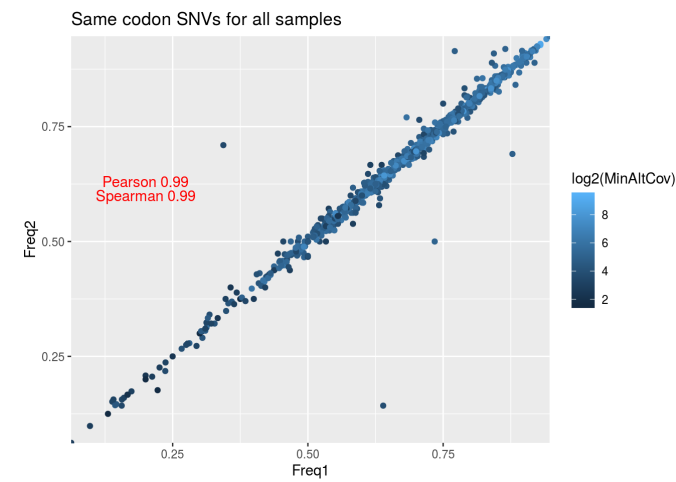
```
## [1] 83768 113
```

```
## [1] "Size of matrix of potential MNVs"
```

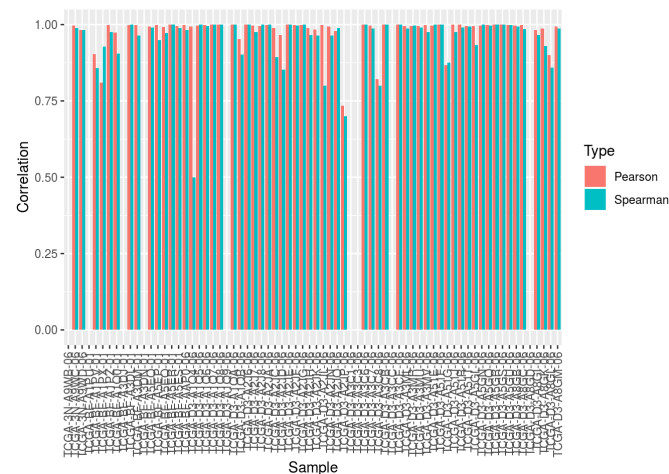
```
## [1] 894 5
```

```
## [1] "Done with putative MNV identification"
```

Plots describing the cohort



```
## Warning: Removed 18 rows containing missing values (geom_bar).
```



```
## [1] "Summary of changes"
```

```
##      Change in stop codon      Novel amino acid
##              11              852
## Same as one independent SNV
##              3
```

Identify all probable MNVs: either very similar allele frequency or a difference of a single read for lower coverage mutations

Corrected file /home/stefan/VCFMNVchecker/tcgatest.txt.MNV.txt (/home/stefan/VCFMNVchecker/tcgatest.txt.MNV.txt)

Sample	MNVConsequence	Count
TCGA-3N-A9WC-06	Change in stop codon	1
TCGA-D3-A1Q6-06	Change in stop codon	1
TCGA-D3-A1Q9-06	Change in stop codon	1
TCGA-D3-A2JO-06	Change in stop codon	1
TCGA-D3-A2JP-06	Change in stop codon	1
TCGA-D3-A3CC-06	Change in stop codon	1
TCGA-D3-A3CE-06	Change in stop codon	1
TCGA-D3-A51T-06	Change in stop codon	1
TCGA-D3-A8GL-06	Change in stop codon	2
TCGA-D3-A8GM-06	Change in stop codon	1
TCGA-3N-A9WB-06	Novel amino acid	1
TCGA-3N-A9WC-06	Novel amino acid	48
TCGA-3N-A9WD-06	Novel amino acid	16
TCGA-BF-A1PU-01	Novel amino acid	1
TCGA-BF-A1PV-01	Novel amino acid	7
TCGA-BF-A1PX-01	Novel amino acid	7
TCGA-BF-A1PZ-01	Novel amino acid	8
TCGA-BF-A1Q0-01	Novel amino acid	8
TCGA-BF-A3DJ-01	Novel amino acid	1
TCGA-BF-A3DL-01	Novel amino acid	9
TCGA-BF-A3DM-01	Novel amino acid	11
TCGA-BF-A3DN-01	Novel amino acid	1
TCGA-BF-A5EO-01	Novel amino acid	11
TCGA-BF-A5EP-01	Novel amino acid	9
TCGA-BF-A5EQ-01	Novel amino acid	11
TCGA-BF-A5ER-01	Novel amino acid	2
TCGA-BF-A5ES-01	Novel amino acid	14
TCGA-BF-AAP0-06	Novel amino acid	11

Sample	MNVConsequence	Count
TCGA-D3-A1Q4-06	Novel amino acid	3
TCGA-D3-A1Q5-06	Novel amino acid	4
TCGA-D3-A1Q6-06	Novel amino acid	17
TCGA-D3-A1Q7-06	Novel amino acid	3
TCGA-D3-A1Q8-06	Novel amino acid	2
TCGA-D3-A1QA-06	Novel amino acid	5
TCGA-D3-A1QB-06	Novel amino acid	12
TCGA-D3-A2J6-06	Novel amino acid	2
TCGA-D3-A2J7-06	Novel amino acid	12
TCGA-D3-A2J8-06	Novel amino acid	6
TCGA-D3-A2JA-06	Novel amino acid	11
TCGA-D3-A2JC-06	Novel amino acid	7
TCGA-D3-A2JD-06	Novel amino acid	13
TCGA-D3-A2JE-06	Novel amino acid	3
TCGA-D3-A2JF-06	Novel amino acid	23
TCGA-D3-A2JG-06	Novel amino acid	6
TCGA-D3-A2JH-06	Novel amino acid	12
TCGA-D3-A2JK-06	Novel amino acid	10
TCGA-D3-A2JL-06	Novel amino acid	4
TCGA-D3-A2JN-06	Novel amino acid	11
TCGA-D3-A2JO-06	Novel amino acid	9
TCGA-D3-A2JP-06	Novel amino acid	4
TCGA-D3-A3C1-06	Novel amino acid	1
TCGA-D3-A3C3-06	Novel amino acid	1
TCGA-D3-A3C6-06	Novel amino acid	2
TCGA-D3-A3C7-06	Novel amino acid	23
TCGA-D3-A3C8-06	Novel amino acid	4
TCGA-D3-A3CB-06	Novel amino acid	2
TCGA-D3-A3CE-06	Novel amino acid	1
TCGA-D3-A3ML-06	Novel amino acid	20
TCGA-D3-A3MR-06	Novel amino acid	17
TCGA-D3-A3MU-06	Novel amino acid	11
TCGA-D3-A3MV-06	Novel amino acid	8
TCGA-D3-A51E-06	Novel amino acid	6
TCGA-D3-A51F-06	Novel amino acid	3
TCGA-D3-A51G-06	Novel amino acid	33
TCGA-D3-A51J-06	Novel amino acid	7
TCGA-D3-A51R-06	Novel amino acid	11
TCGA-D3-A51T-06	Novel amino acid	18
TCGA-D3-A5GL-06	Novel amino acid	9
TCGA-D3-A5GN-06	Novel amino acid	8
TCGA-D3-A5GO-06	Novel amino acid	28
TCGA-D3-A5GR-06	Novel amino acid	3
TCGA-D3-A5GS-06	Novel amino acid	9
TCGA-D3-A5GU-06	Novel amino acid	31
TCGA-D3-A8GB-06	Novel amino acid	46
TCGA-D3-A8GC-06	Novel amino acid	22
TCGA-D3-A8GD-06	Novel amino acid	1
TCGA-D3-A8GI-06	Novel amino acid	76
TCGA-D3-A8GK-06	Novel amino acid	12
TCGA-D3-A8GL-06	Novel amino acid	28
TCGA-D3-A8GM-06	Novel amino acid	56
TCGA-D3-A2JF-06	Same as one independent SNV	1
TCGA-D3-A51J-06	Same as one independent SNV	1
TCGA-D3-A8GB-06	Same as one independent SNV	1

