

PDAC gene expression analysis

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Select data set	1
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Setup

load required libraries

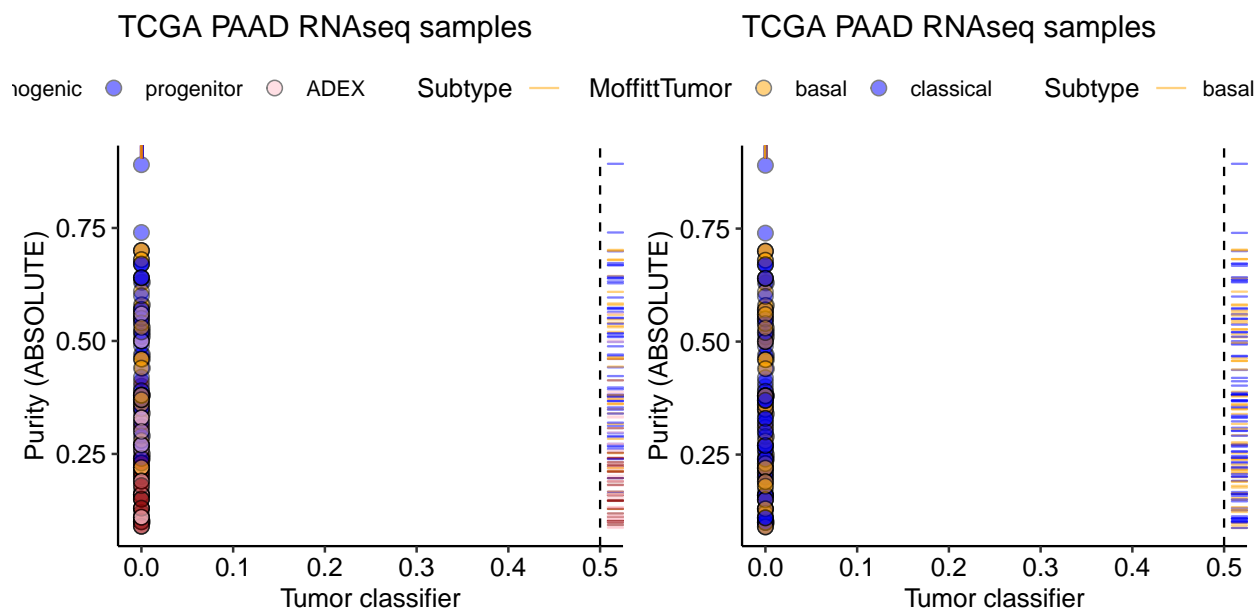
Select data set

Calculate signature scores and SSC

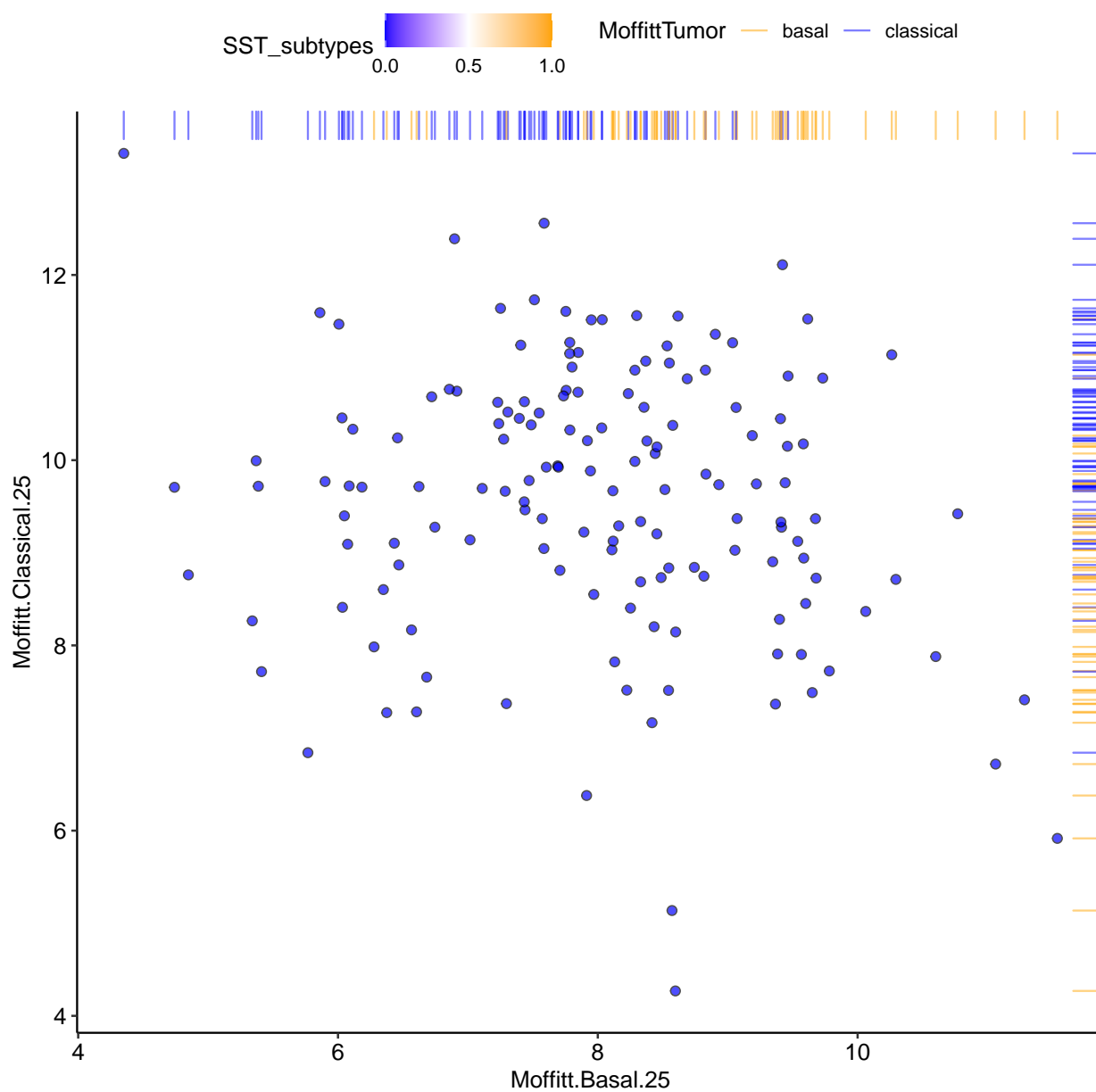
Results

Tumor classifier and ABSOLUTE

```
## 'geom_smooth()' using formula 'y ~ x'
## 'geom_smooth()' using formula 'y ~ x'
```

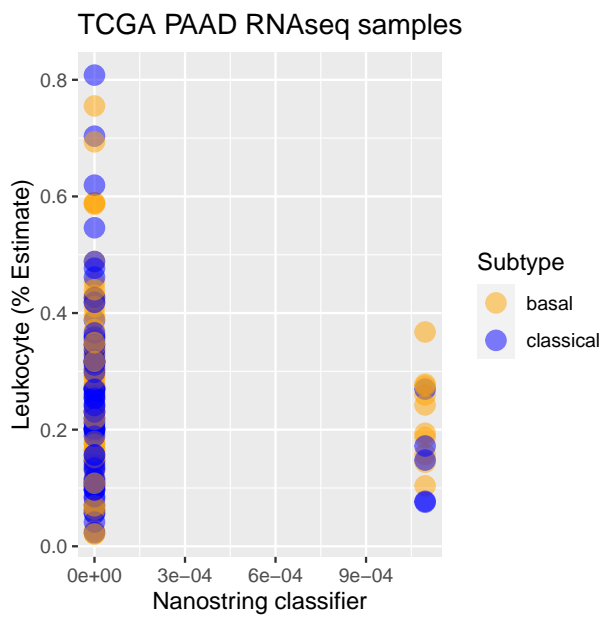
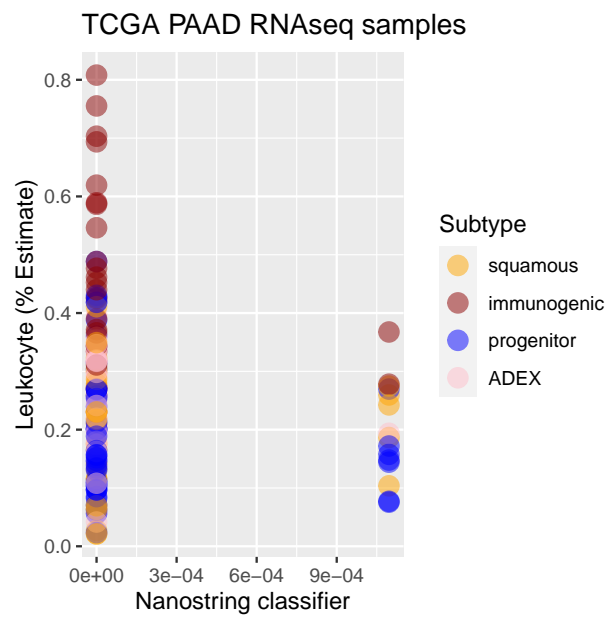


Classifier consistency with basal and classical gene top 25 scores

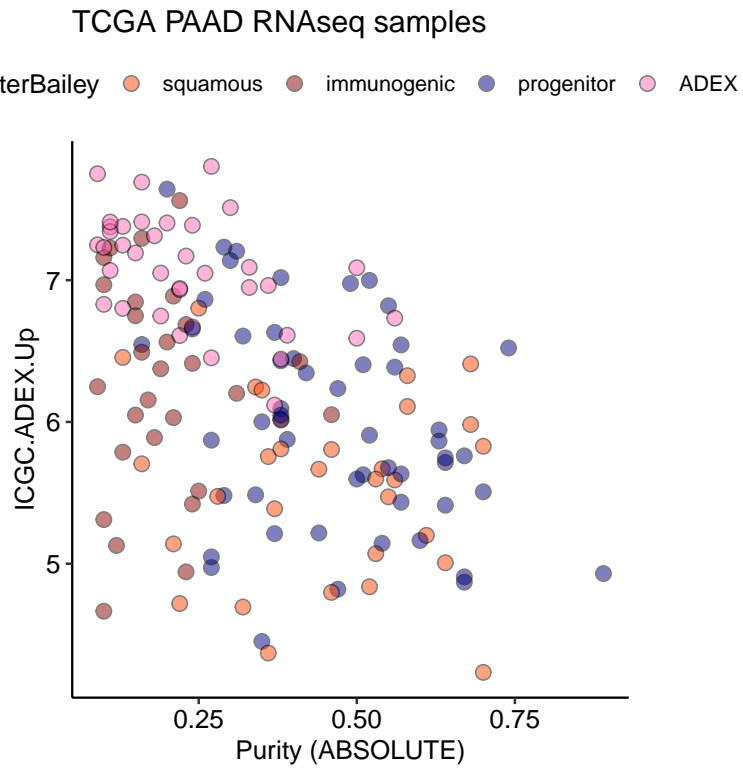


Tumor classifier and leukocyte percent

```
## 'geom_smooth()' using formula 'y ~ x'  
## 'geom_smooth()' using formula 'y ~ x'
```



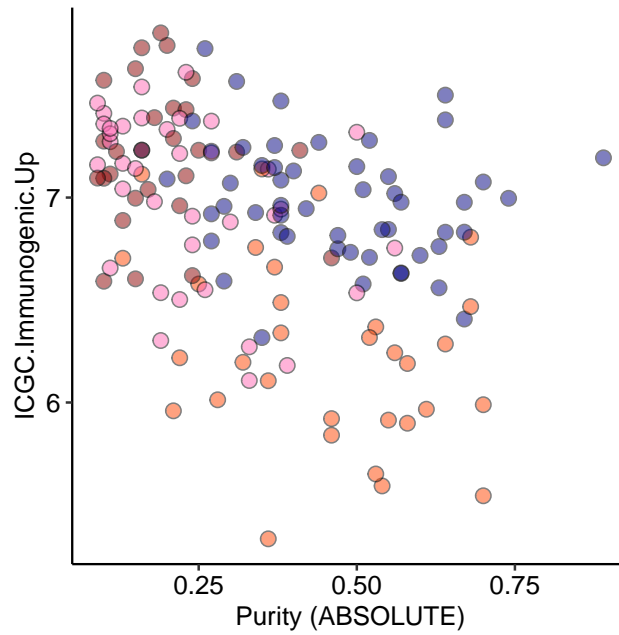
Gene expression signatures and ABSOLUTE



```
## [1] -0.4653  
## [1] 0
```

TCGA PAAD RNAseq samples

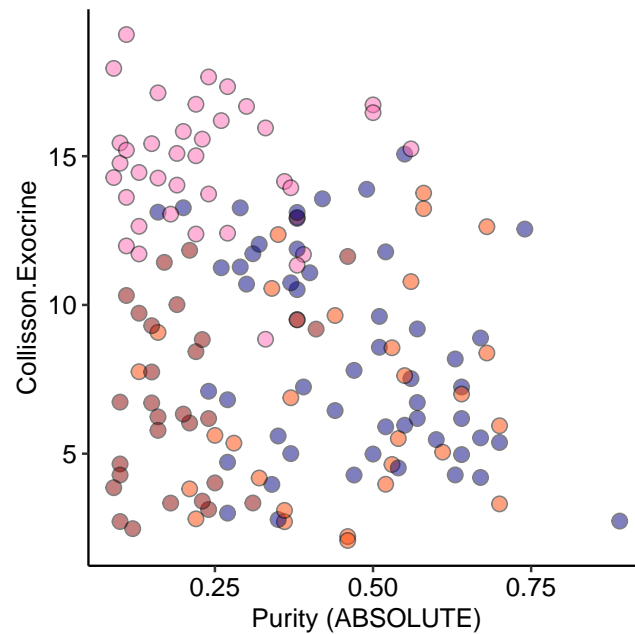
betterBailey squamous immunogenic progenitor ADEX



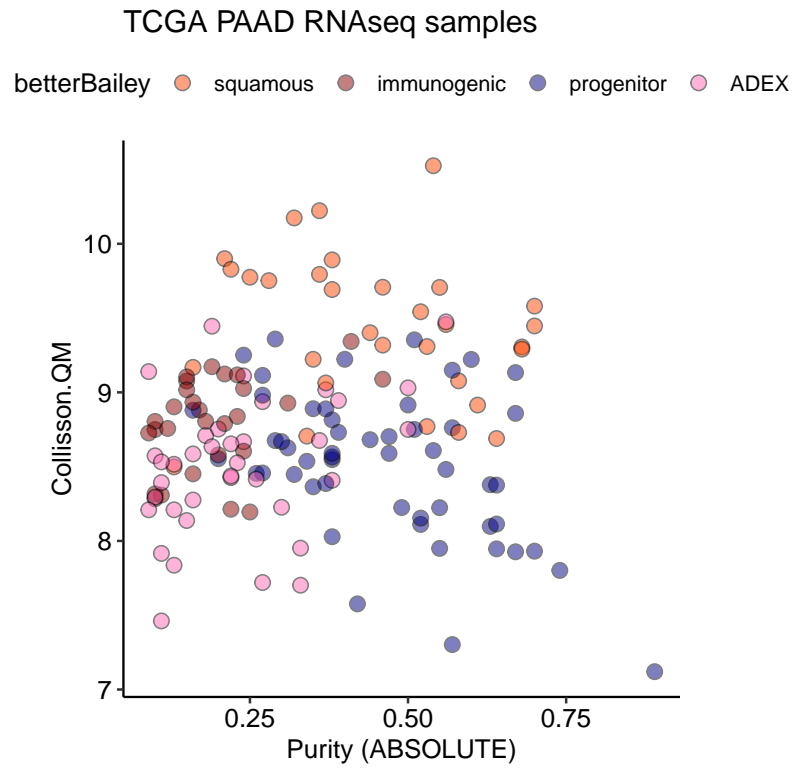
```
## [1] -0.39961
## [1] 4.4e-07
```

TCGA PAAD RNAseq samples

betterBailey squamous immunogenic progenitor ADEX



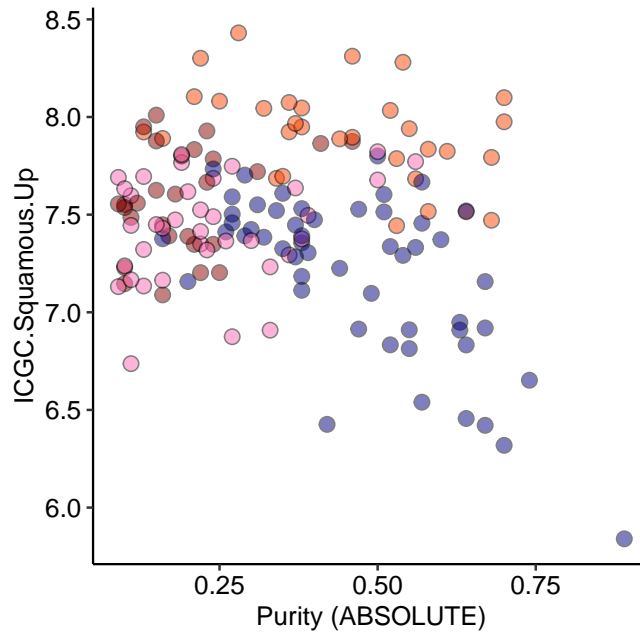
```
## [1] -0.24672
## [1] 0.00241885
```



```
## [1] 0.02214
## [1] 0.7887321
```

TCGA PAAD RNAseq samples

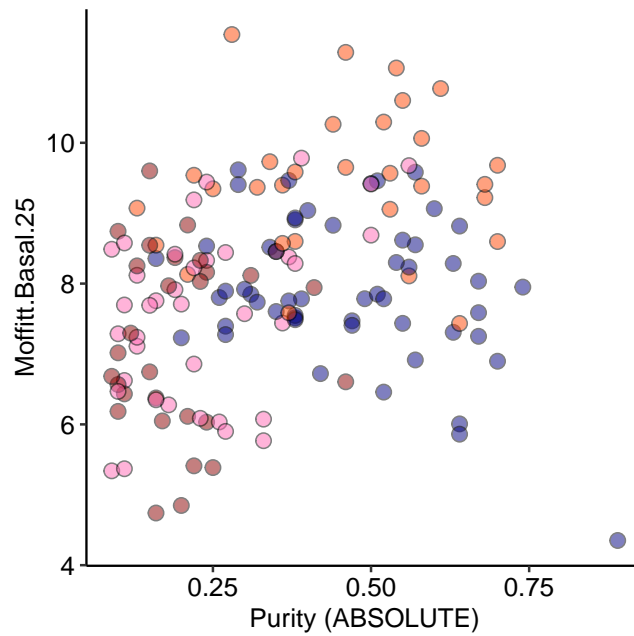
betterBailey squamous immunogenic progenitor ADEX



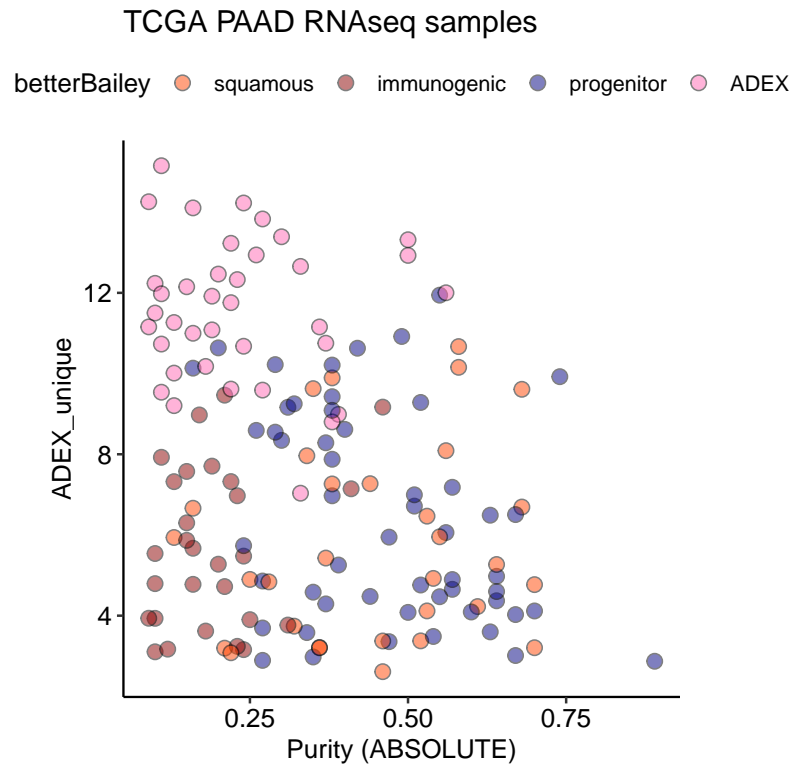
```
## [1] -0.23559
## [1] 0.00382416
```

TCGA PAAD RNAseq samples

betterBailey squamous immunogenic progenitor ADEX



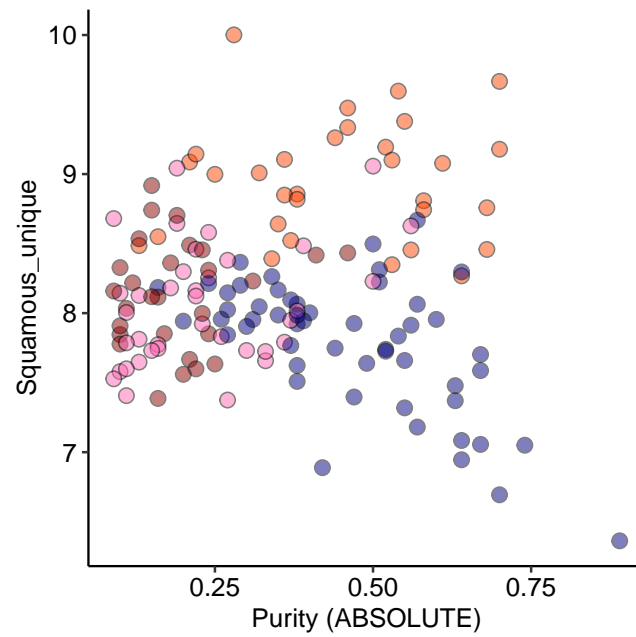

```
## [1] 0.26279
## [1] 0.00120413
```



```
## [1] -0.28683
## [1] 0.00039027
```

TCGA PAAD RNAseq samples

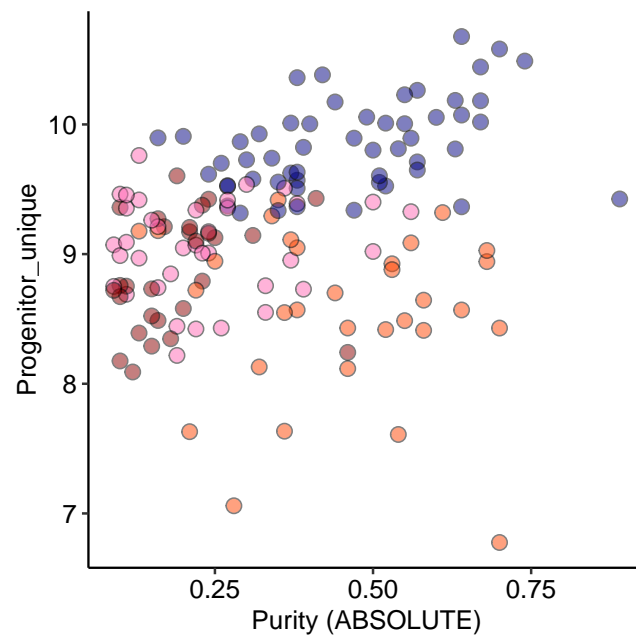
betterBailey squamous immunogenic progenitor ADEX



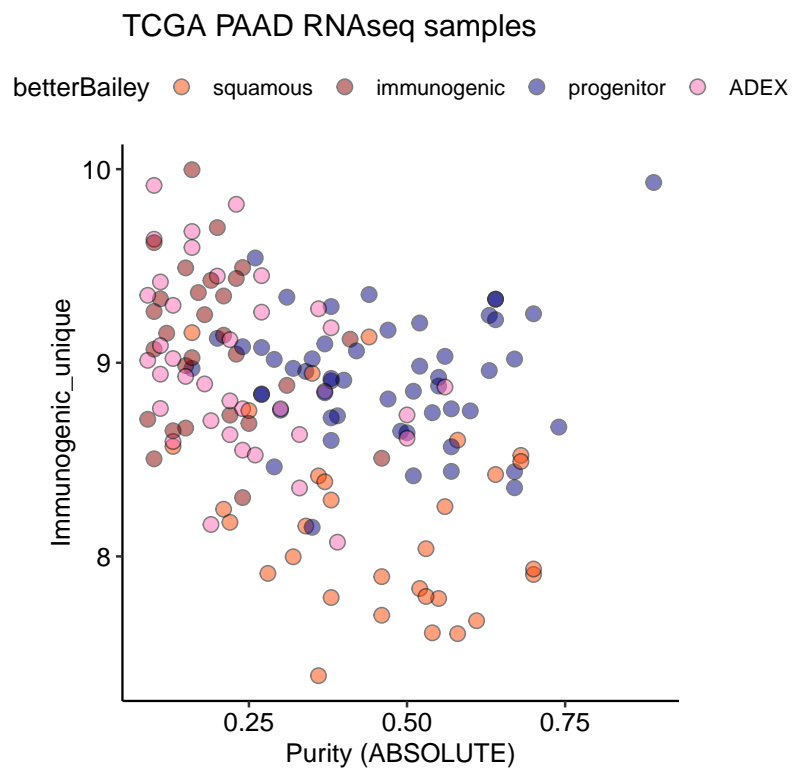
```
## [1] -0.04365
## [1] 0.5971286
```

TCGA PAAD RNAseq samples

betterBailey squamous immunogenic progenitor ADEX



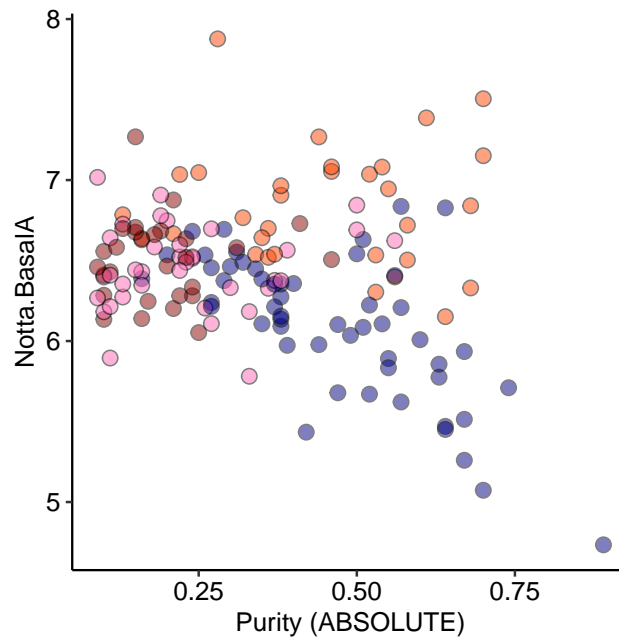
```
## [1] 0.28355
## [1] 0.00045791
```



```
## [1] -0.33341
## [1] 3.253e-05
```

TCGA PAAD RNAseq samples

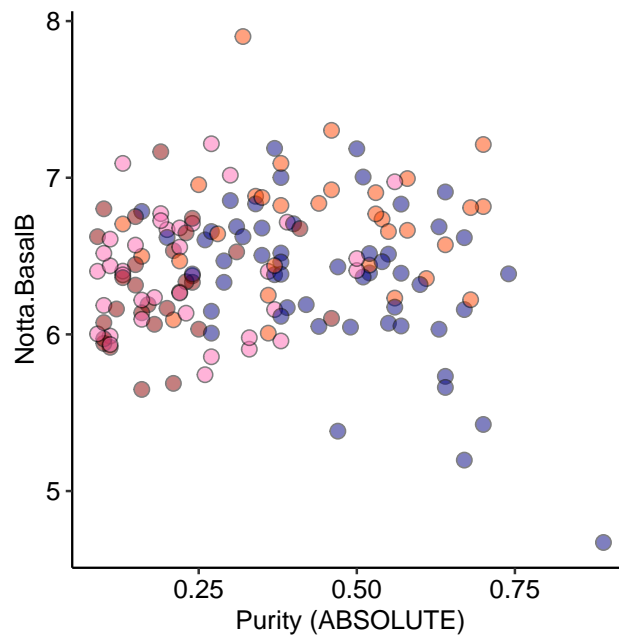
betterBailey squamous immunogenic progenitor ADEX



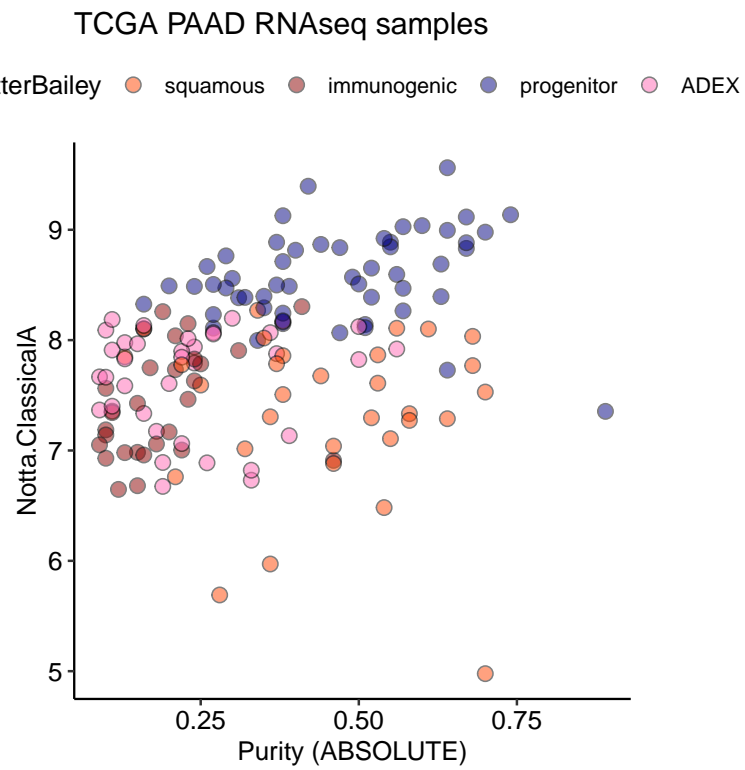
```
## [1] -0.28578
## [1] 0.00041095
```

TCGA PAAD RNAseq samples

betterBailey squamous immunogenic progenitor ADEX



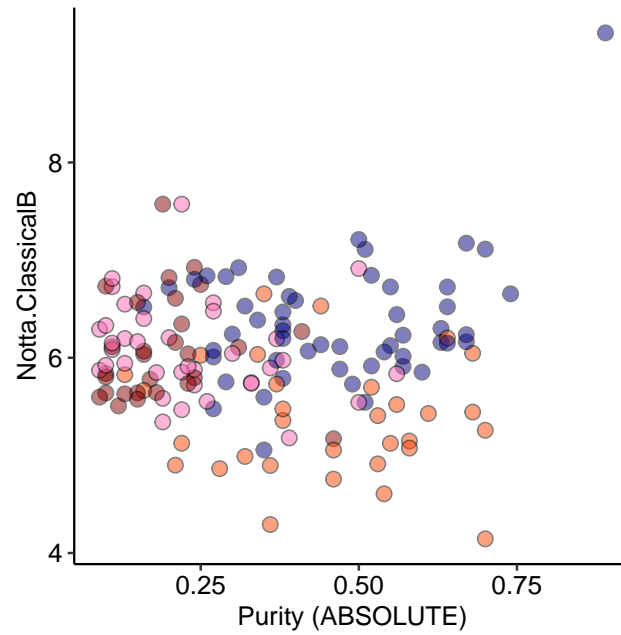
```
## [1] -0.0334
## [1] 0.6859157
```



```
## [1] 0.31296
## [1] 0.00010186
```

TCGA PAAD RNAseq samples

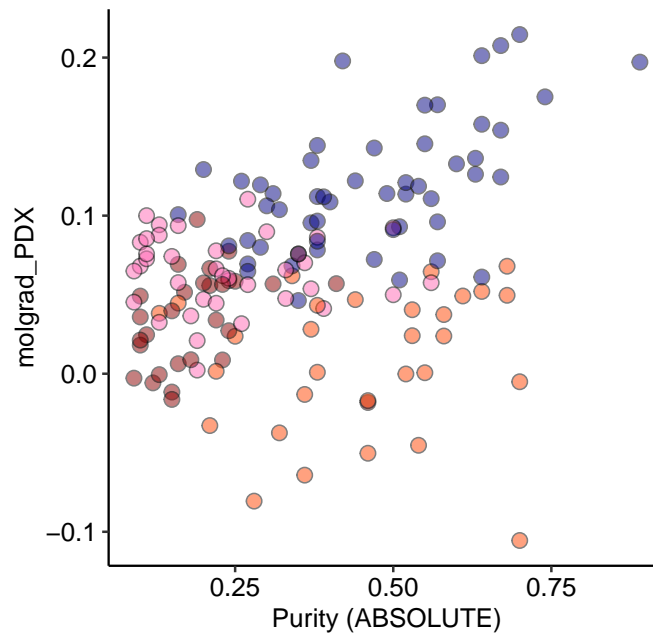
betterBailey ● squamous ● immunogenic ● progenitor ● ADEX



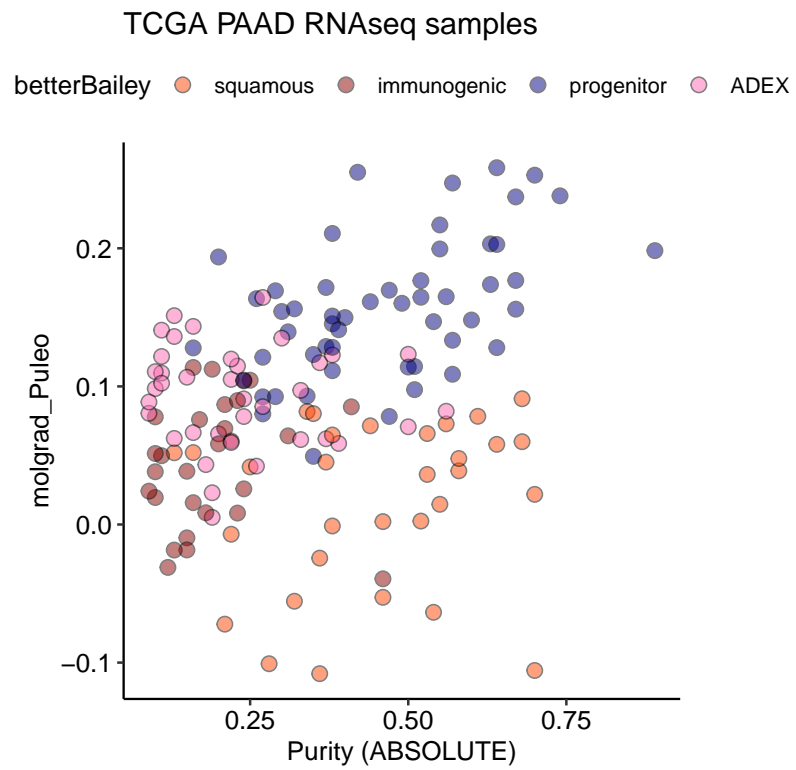
```
## [1] 0.01946
## [1] 0.8138013
```

TCGA PAAD RNAseq samples

betterBailey ● squamous ● immunogenic ● progenitor ● ADEX



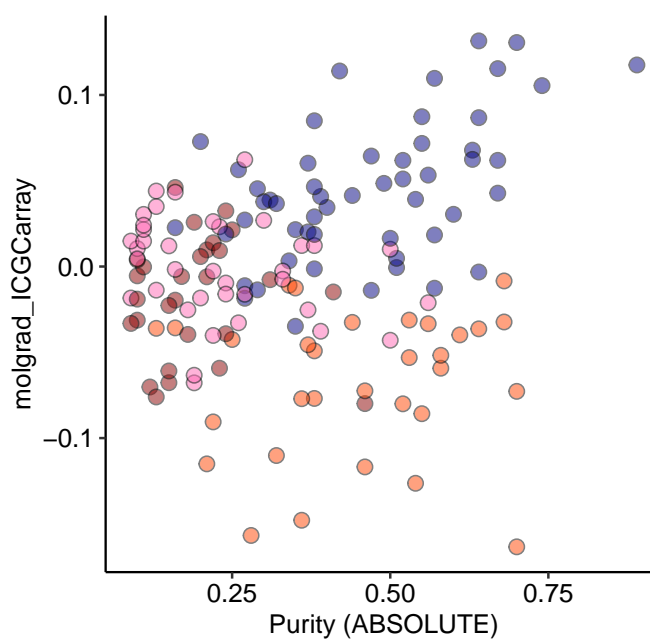
```
## [1] 0.32931
## [1] 4.116e-05
```



```
## [1] 0.30058
## [1] 0.00019559
```

TCGA PAAD RNAseq samples

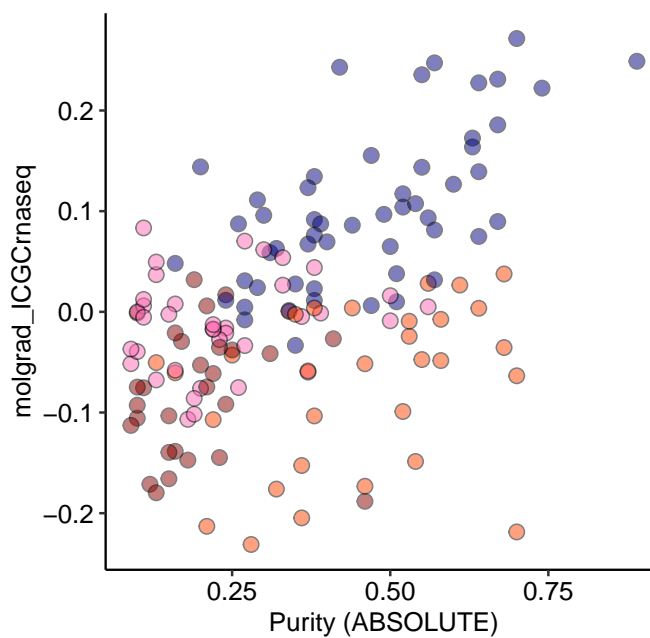
betterBailey squamous immunogenic progenitor ADEX



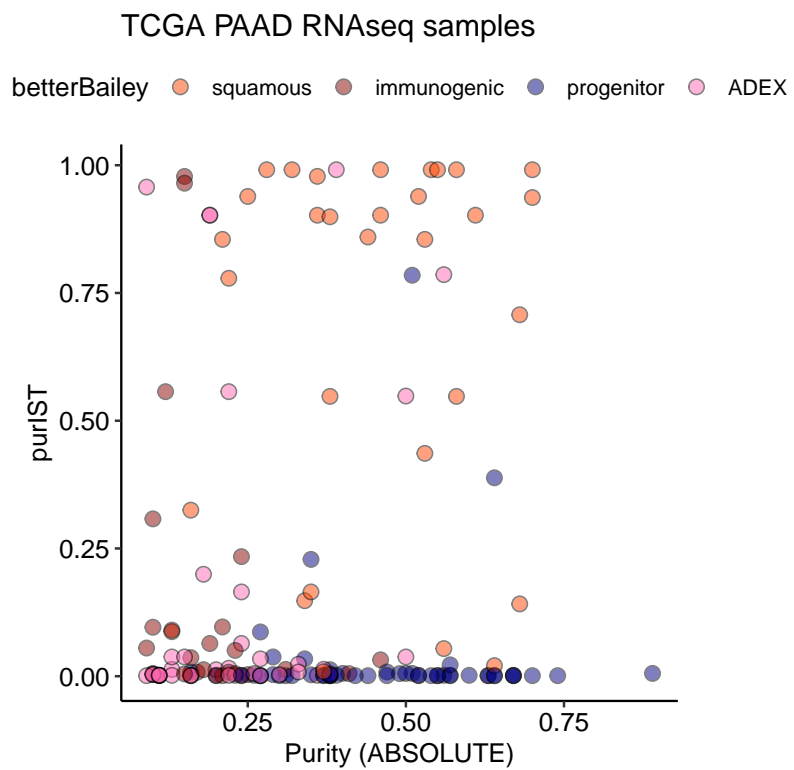
```
## [1] 0.18857
## [1] 0.02127291
```

TCGA PAAD RNAseq samples

betterBailey squamous immunogenic progenitor ADEX



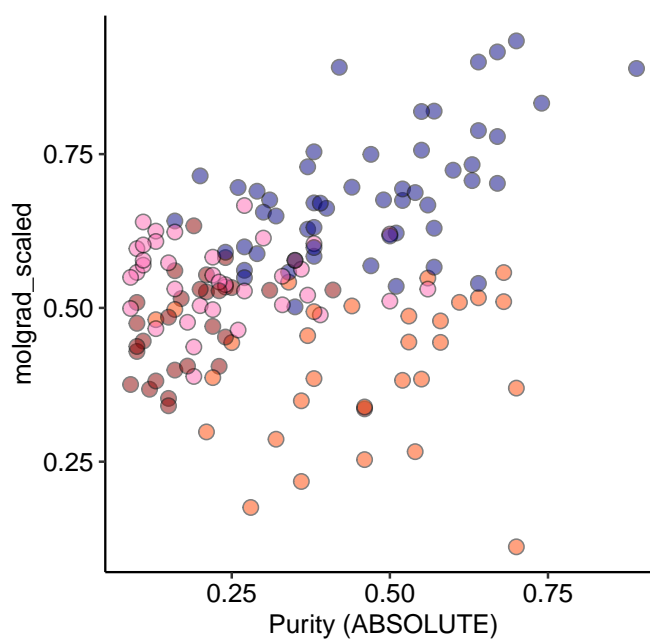

```
## [1] 0.48297
## [1] 0
```



```
## [1] 0.12816
## [1] 0.1193119
```

TCGA PAAD RNAseq samples

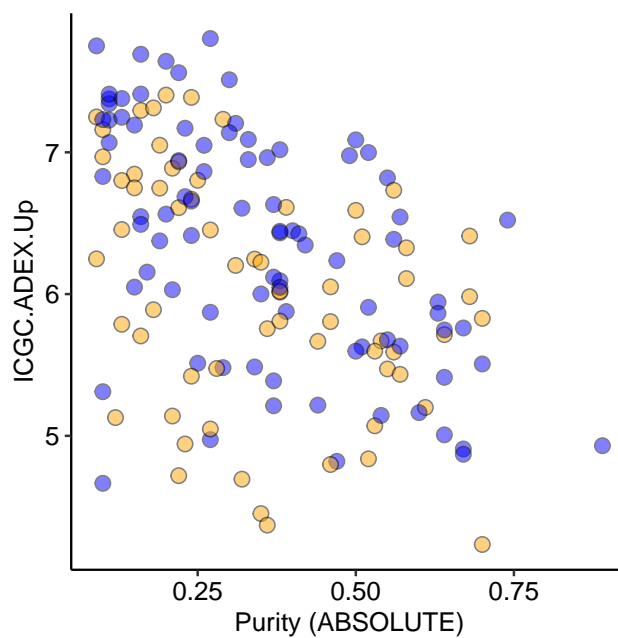
betterBailey squamous immunogenic progenitor ADEX



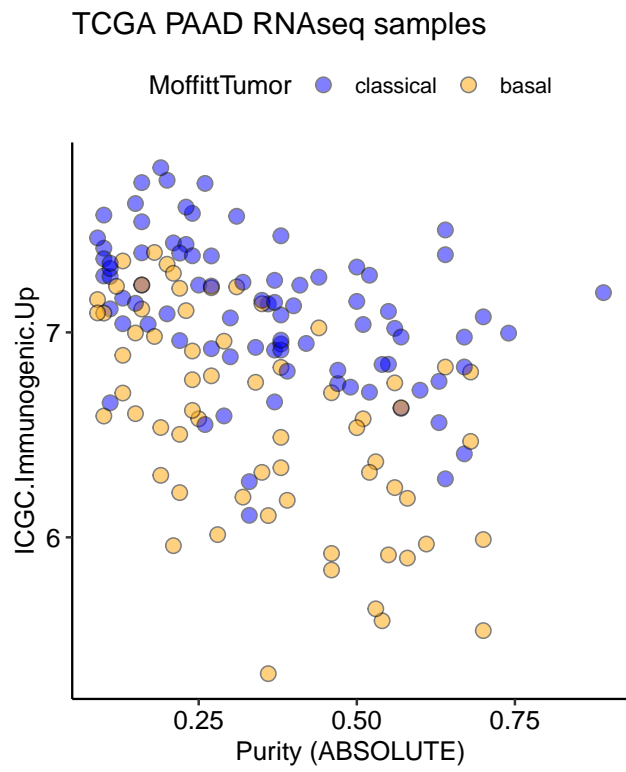
```
## [1] 0.32931
## [1] 4.116e-05
```

TCGA PAAD RNAseq samples

MoffittTumor classical basal

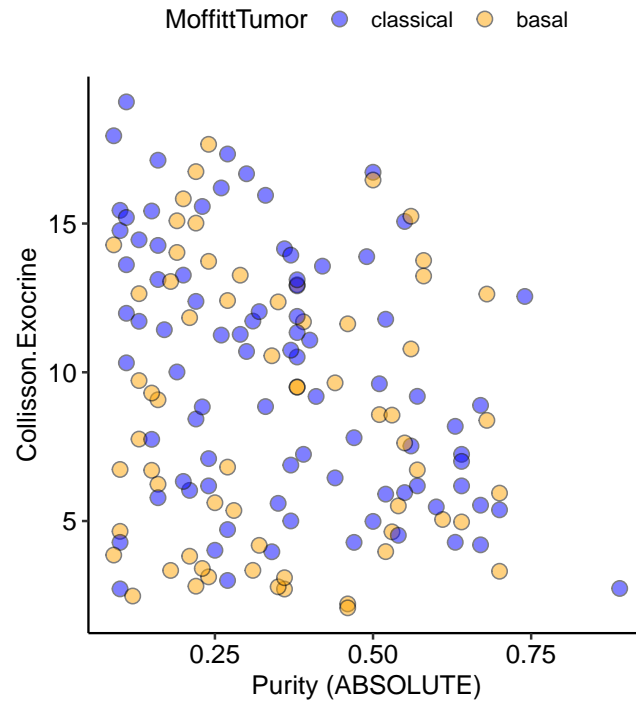


```
## [1] -0.4653
## [1] 0
```



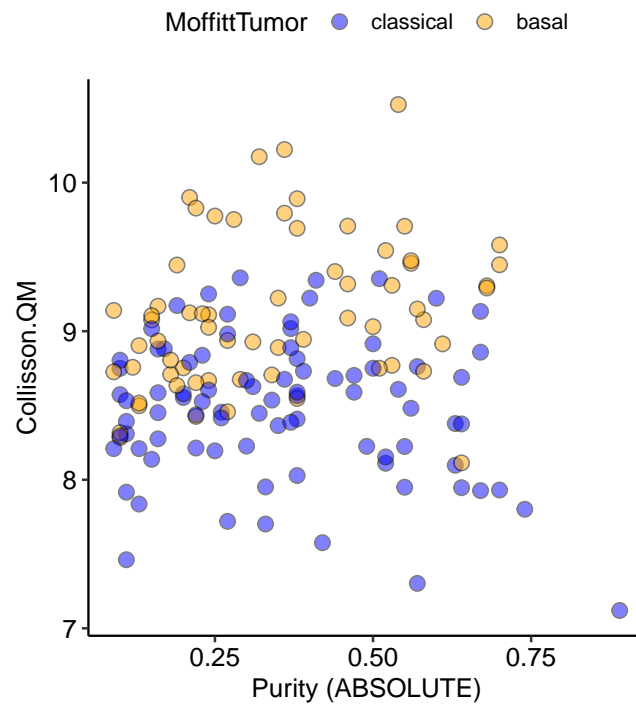
```
## [1] -0.39961
## [1] 4.4e-07
```

TCGA PAAD RNAseq samples

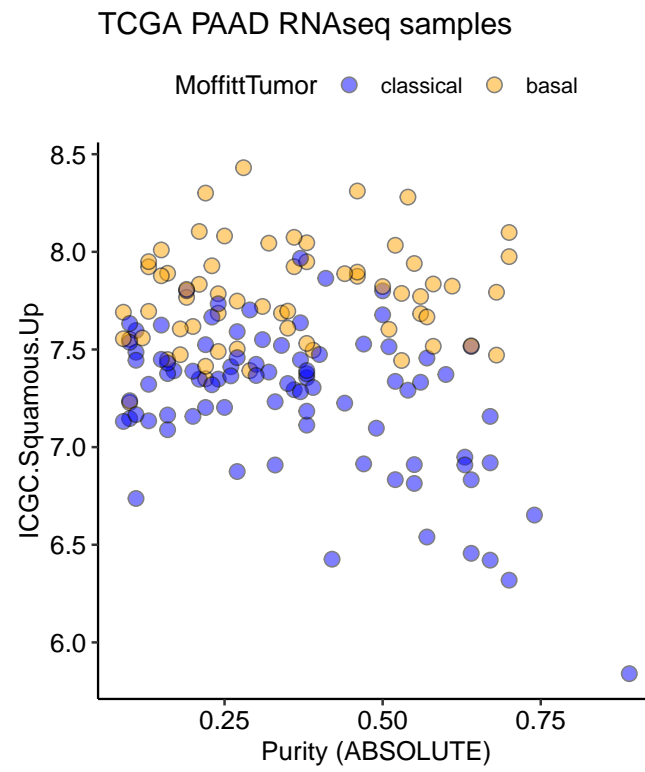


```
## [1] -0.24672  
## [1] 0.00241885
```

TCGA PAAD RNAseq samples

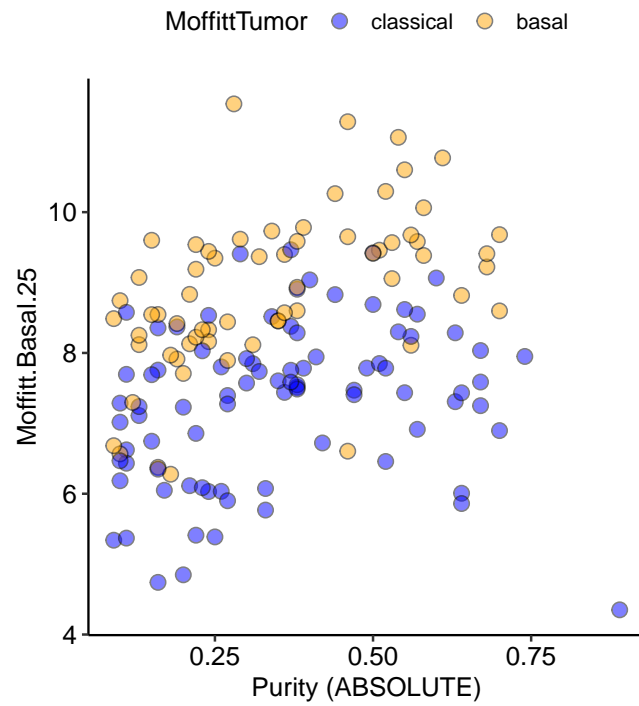


```
## [1] 0.02214
## [1] 0.7887321
```



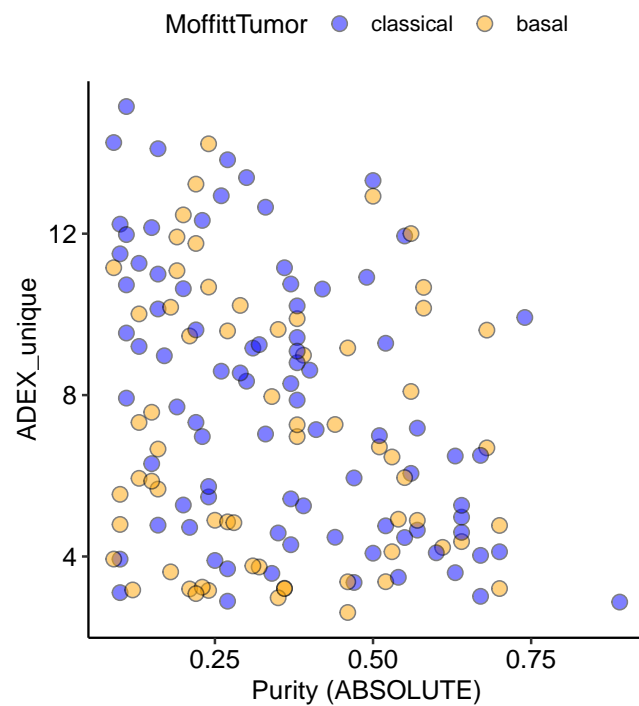
```
## [1] -0.23559
## [1] 0.00382416
```

TCGA PAAD RNAseq samples

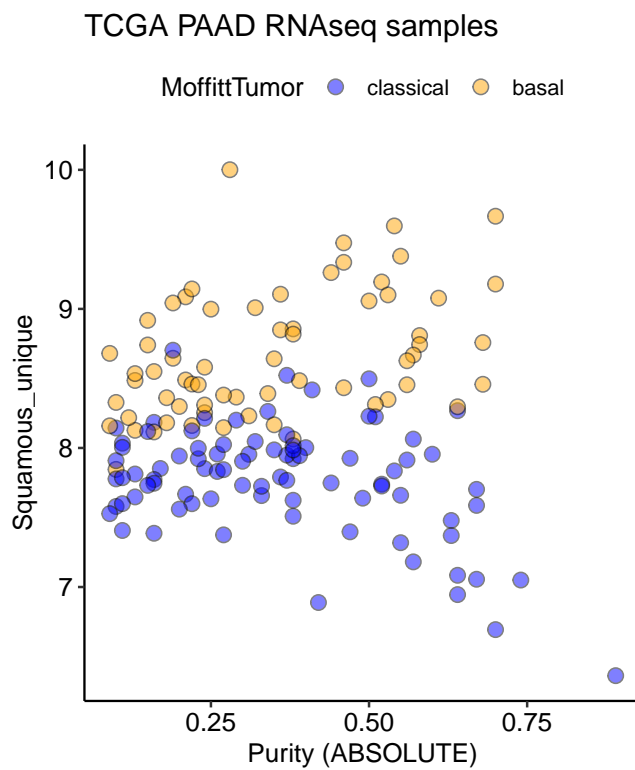


```
## [1] 0.26279
## [1] 0.00120413
```

TCGA PAAD RNAseq samples

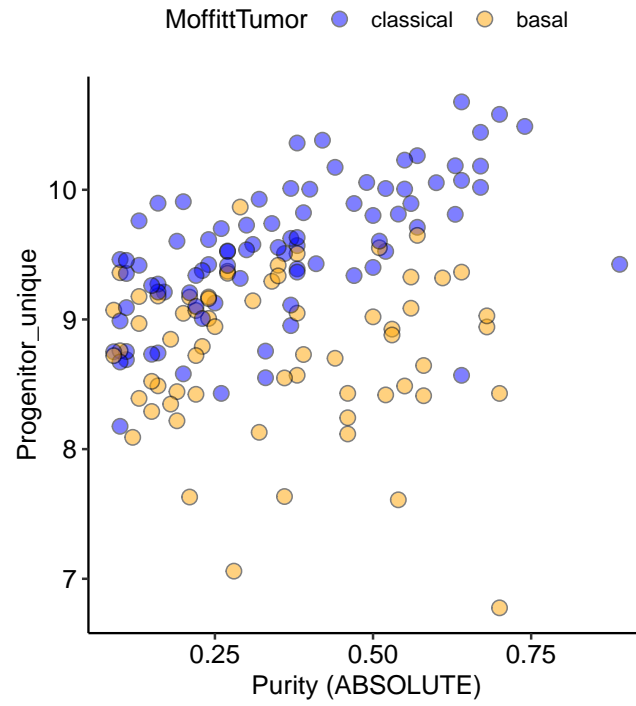


```
## [1] -0.28683
## [1] 0.00039027
```



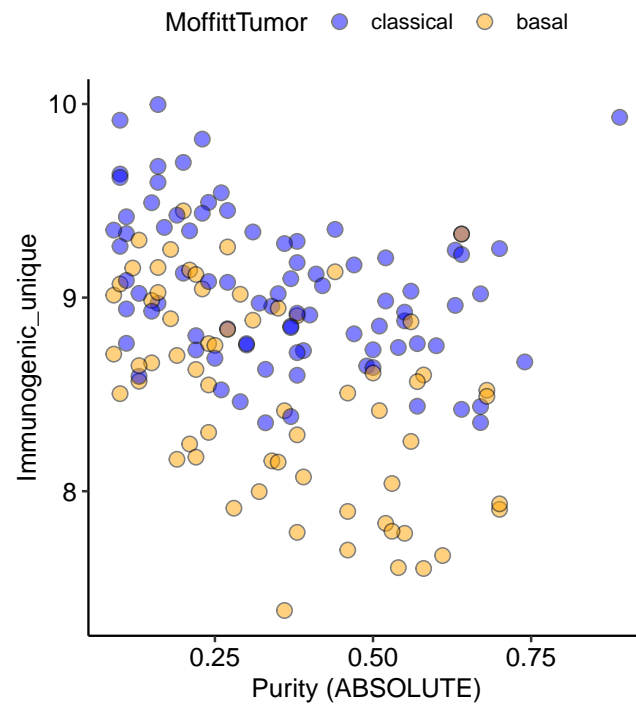
```
## [1] -0.04365
## [1] 0.5971286
```

TCGA PAAD RNAseq samples

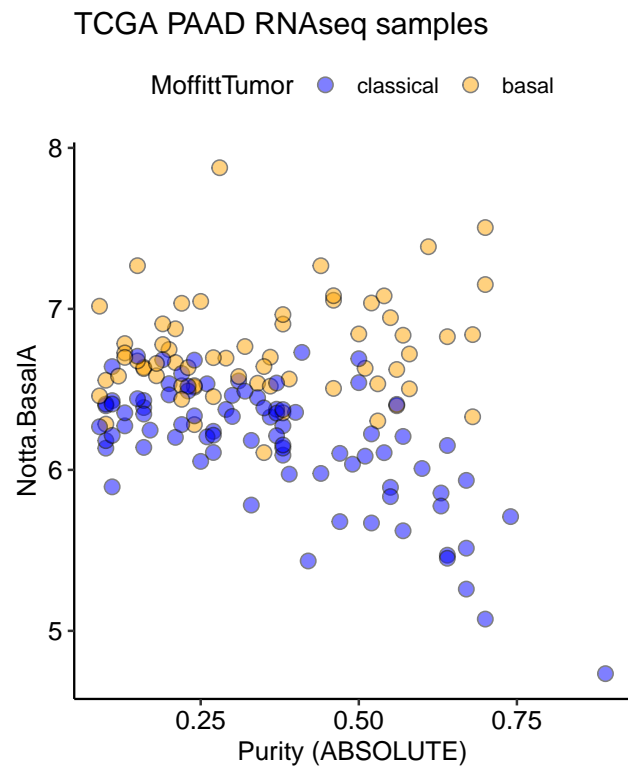


```
## [1] 0.28355  
## [1] 0.00045791
```

TCGA PAAD RNAseq samples

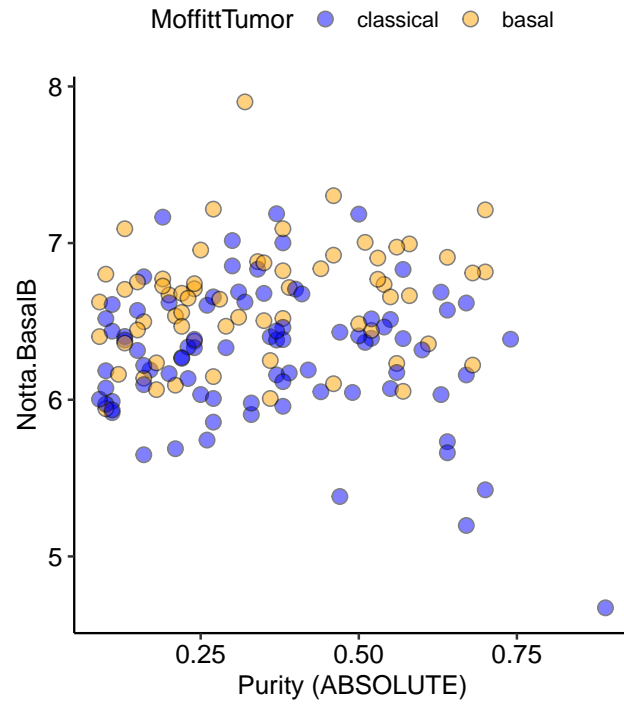



```
## [1] -0.33341
## [1] 3.253e-05
```



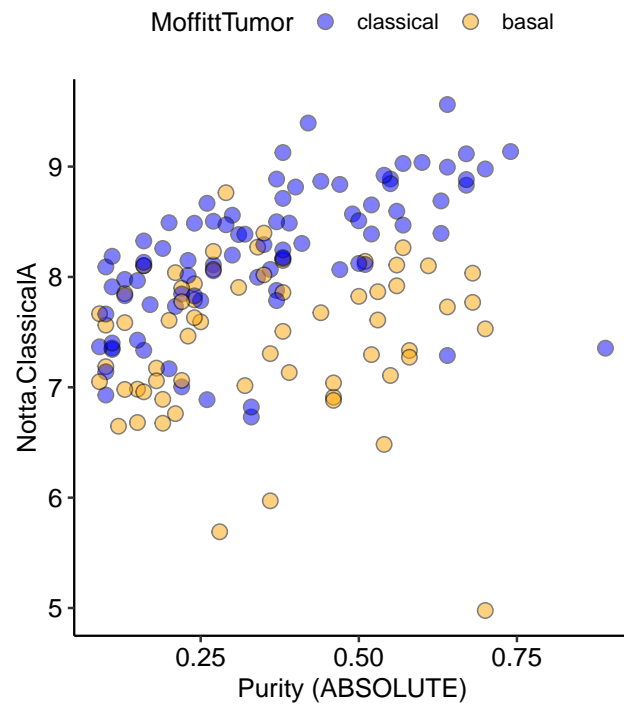
```
## [1] -0.28578
## [1] 0.00041095
```

TCGA PAAD RNAseq samples

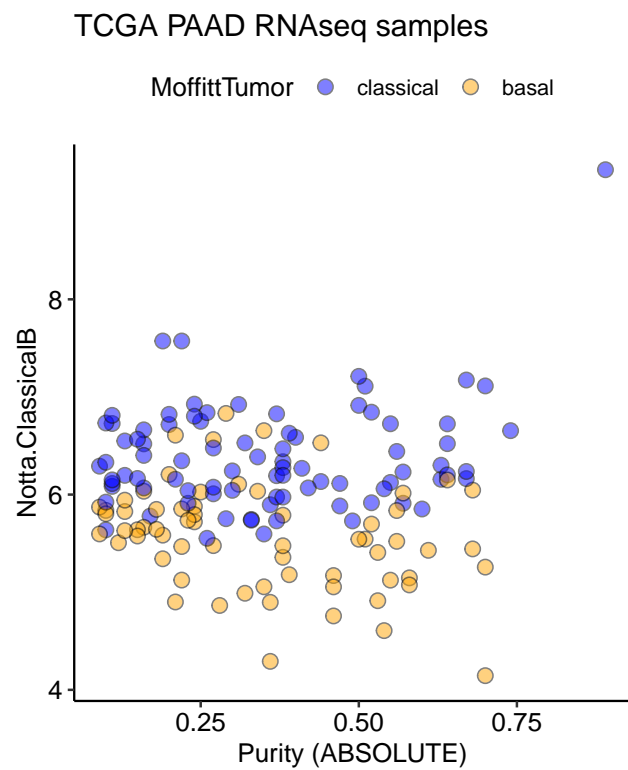


```
## [1] -0.0334
## [1] 0.6859157
```

TCGA PAAD RNAseq samples

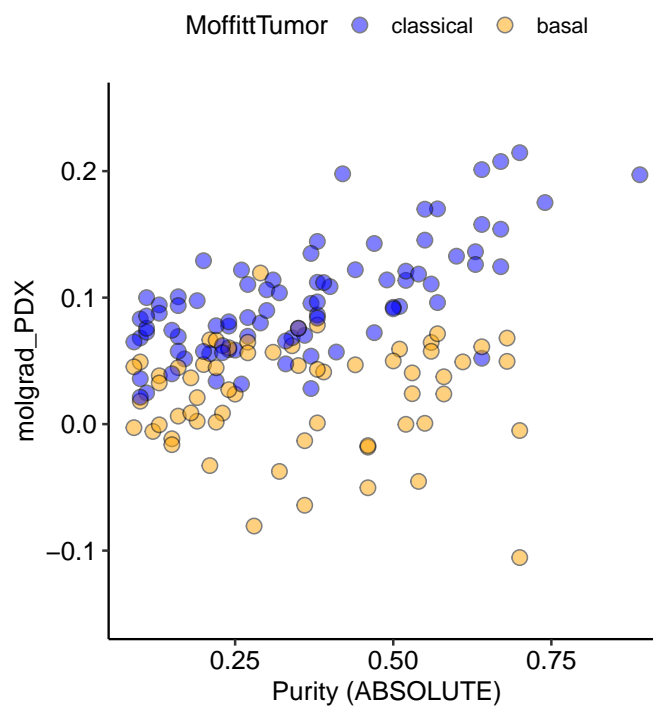


```
## [1] 0.31296
## [1] 0.00010186
```

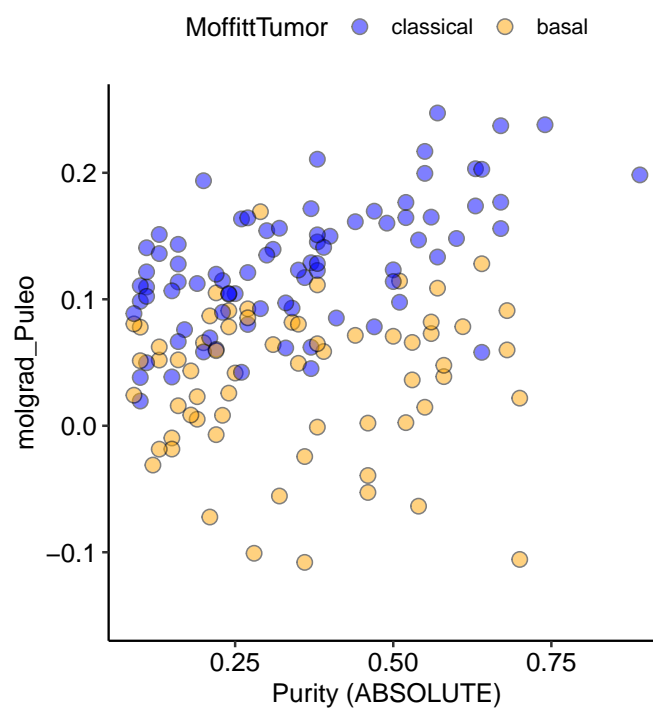


```
## [1] 0.01946
## [1] 0.8138013
```

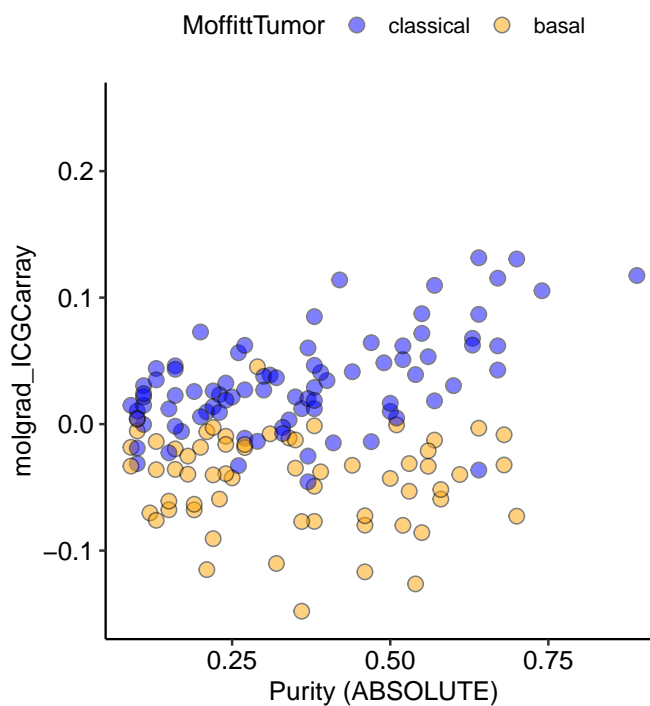
TCGA PAAD RNAseq samples



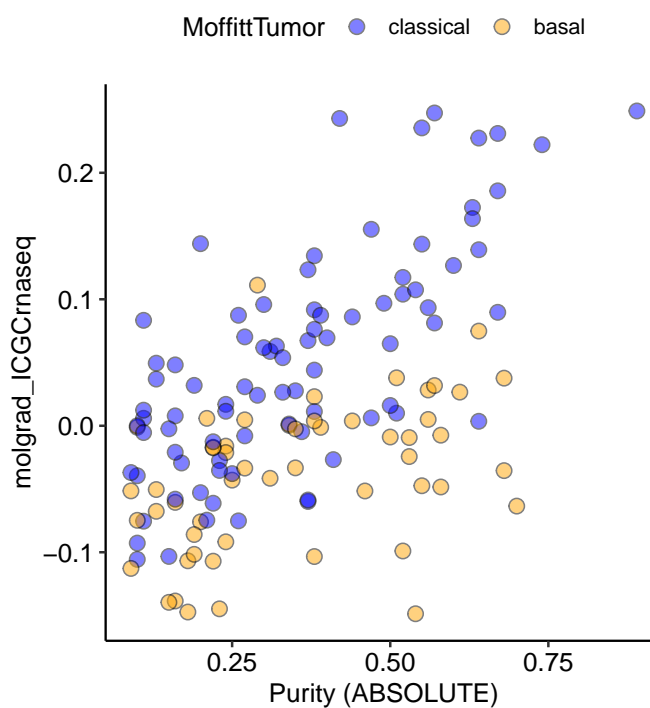
TCGA PAAD RNAseq samples



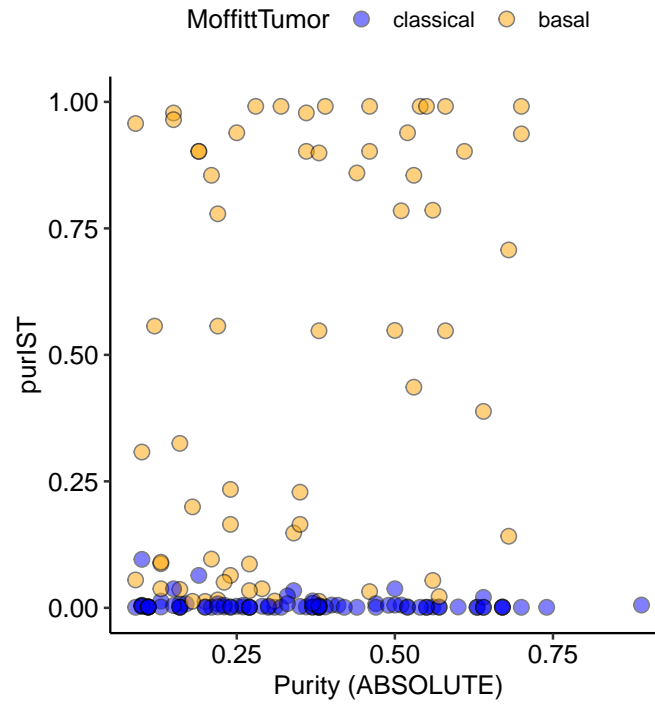
TCGA PAAD RNAseq samples



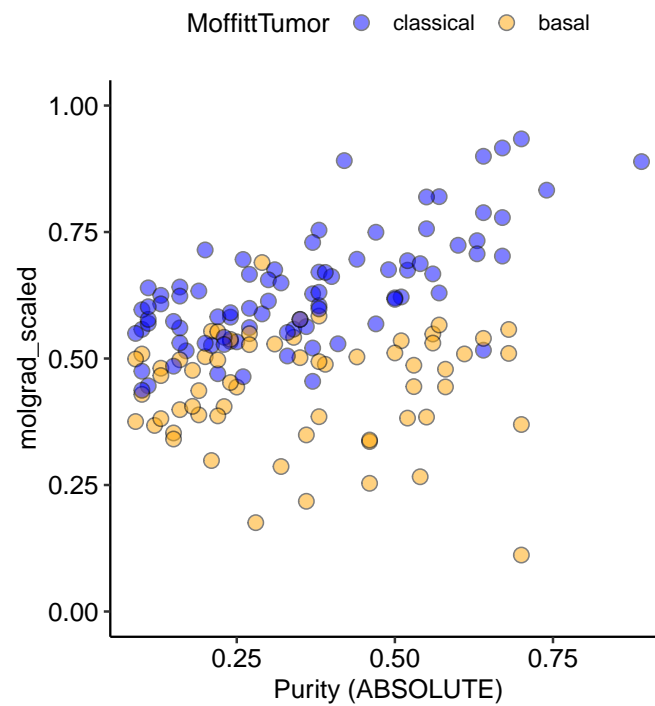
TCGA PAAD RNAseq samples



TCGA PAAD RNAseq samples



TCGA PAAD RNAseq samples



PDL1 expression

