

main

August 30, 2021

```
[1]: import pandas as pd
```

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[2]: df0 = pd.read_csv("/ceph/projects/v4_phase3_paper/analysis/
↳differential_expression/_m/genes/residualized_expression.tsv", nrow=0,
↳sep="\t")
df0.shape
```

```
[2]: (0, 393)
```

```
[3]: df = pd.read_csv("../_m/log2rpkm.csv", index_col=0)
```

```
[4]: df.shape
```

```
[4]: (26513, 464)
```

```
[5]: df1 = df[df0.columns]
```

```
[6]: df1.shape
```

```
[6]: (26513, 393)
```

```
[7]: df1.head()
```

```
[7]:
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	R12864	R12865	R12866	R12867	\
chr11:113412884-113415420(-)	2.752362	1.505707	2.355274	2.765649	
chr11:113414462-113415420(-)	5.629759	5.645501	5.510959	6.009961	
chr11:113412884-113414374(-)	5.188736	4.656605	5.210350	5.791295	
ENSG00000227232.5	1.634304	1.647687	1.792123	1.760548	
ENSG00000278267.1	2.486155	2.055280	3.259560	2.069986	
	R12868	R12869	R12870	R12871	\
chr11:113412884-113415420(-)	1.130827	1.878251	2.352640	3.169749	
chr11:113414462-113415420(-)	6.153820	4.884945	5.171337	5.302717	
chr11:113412884-113414374(-)	6.066870	4.747968	4.810531	5.156312	
ENSG00000227232.5	2.090392	2.291577	1.516020	2.239275	
ENSG00000278267.1	2.426110	3.149169	0.438641	2.454486	
	R12872	R12873	...	R13494	R13495 \

chr11:113412884-113415420(-)	0.818275	2.412886	...	2.969492	2.842186
chr11:113414462-113415420(-)	5.001834	5.758635	...	6.304429	5.934701
chr11:113412884-113414374(-)	4.416473	5.467732	...	5.741552	5.431920
ENSG00000227232.5	1.671118	1.404111	...	1.670244	1.646912
ENSG00000278267.1	2.245389	2.212500	...	2.977263	2.008999

	R13496	R13497	R13498	R13499	\
chr11:113412884-113415420(-)	2.110025	2.903338	2.441719	1.823469	
chr11:113414462-113415420(-)	5.196041	5.890787	5.267976	5.474126	
chr11:113412884-113414374(-)	4.708950	5.579278	5.364275	5.135028	
ENSG00000227232.5	1.645170	1.707318	2.006727	1.877030	
ENSG00000278267.1	2.088124	2.234738	1.851031	2.364349	

	R13500	R13502	R13503	R13504
chr11:113412884-113415420(-)	1.645416	2.480872	3.007023	0.804141
chr11:113414462-113415420(-)	5.695301	5.217252	5.787293	4.622151
chr11:113412884-113414374(-)	5.453968	4.944168	5.502072	4.825644
ENSG00000227232.5	1.598528	1.151245	1.660512	1.730966
ENSG00000278267.1	2.176712	1.231279	1.341166	2.429980

[5 rows x 393 columns]

```
[8]: df1.to_csv('log2rpkm.csv')
```