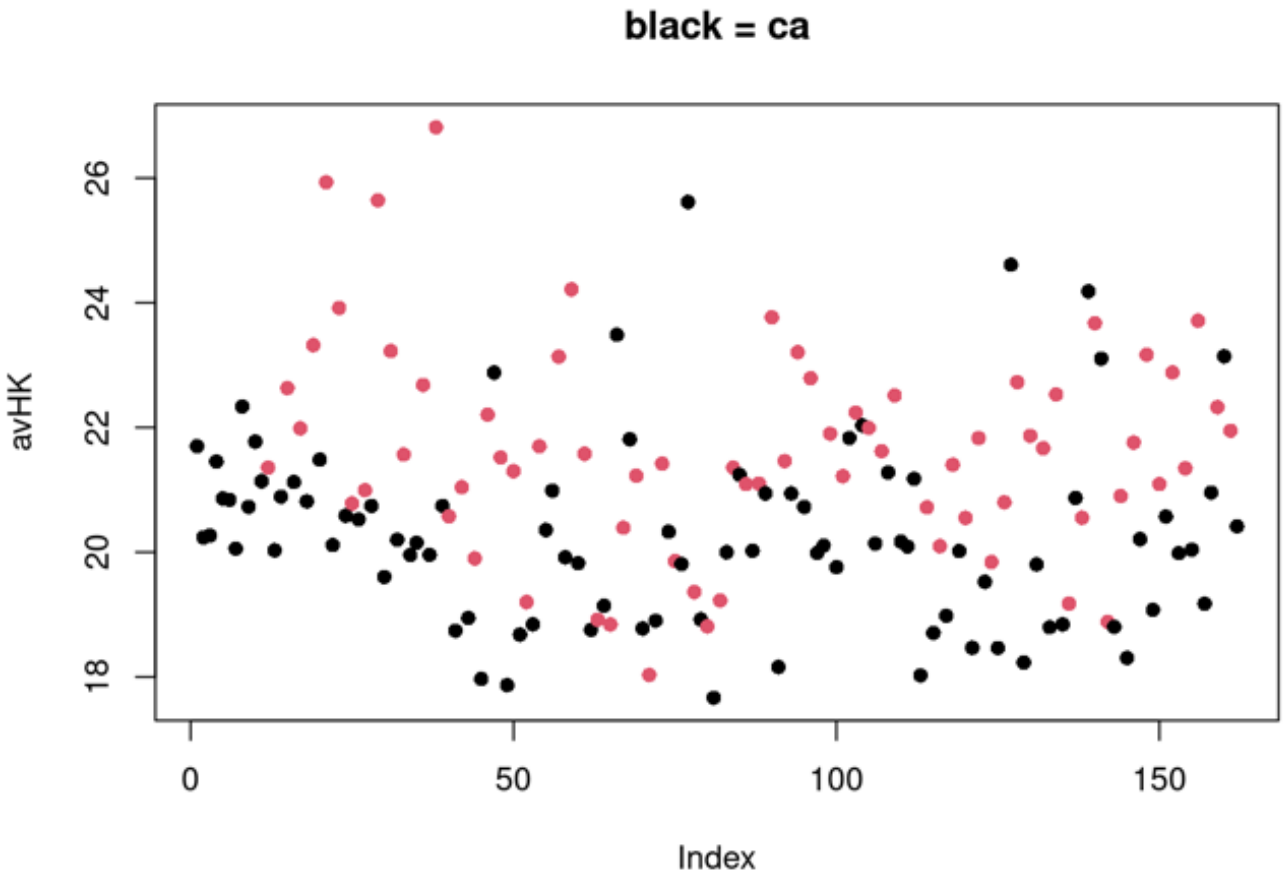
report_coca_FC__March15_2023.R

mg

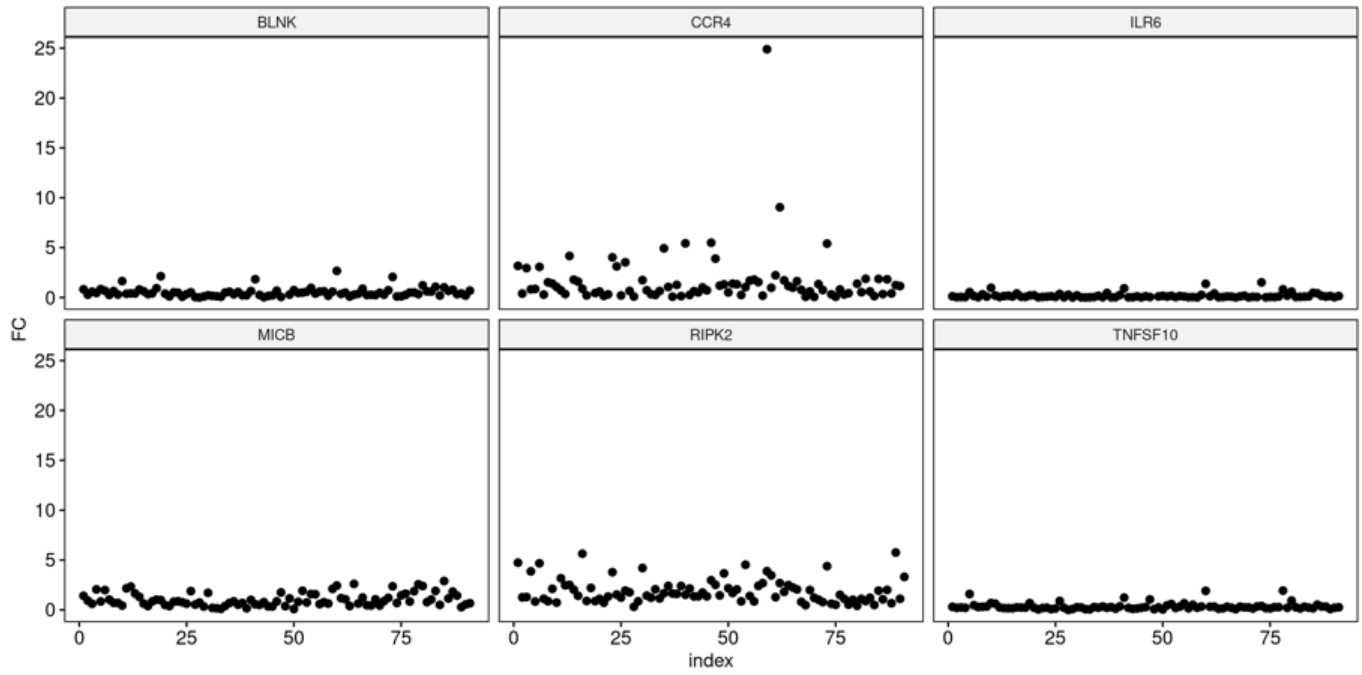
2023-03-15

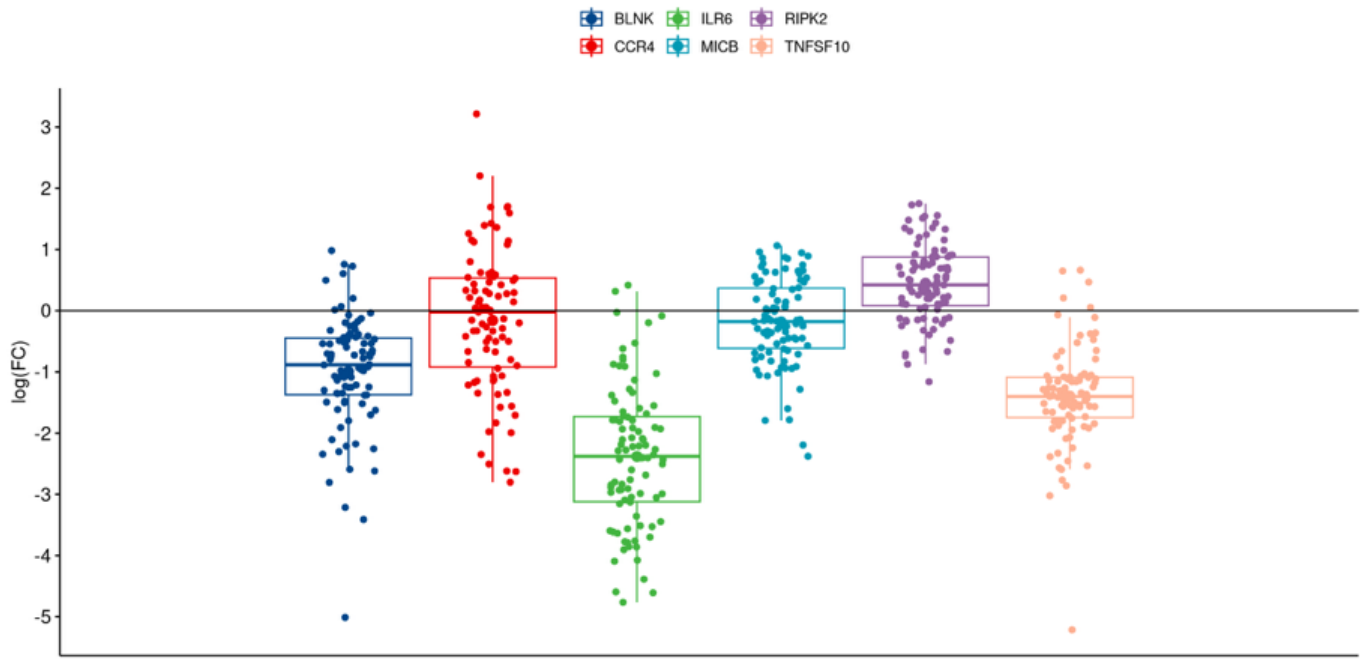
indexplot, avHK

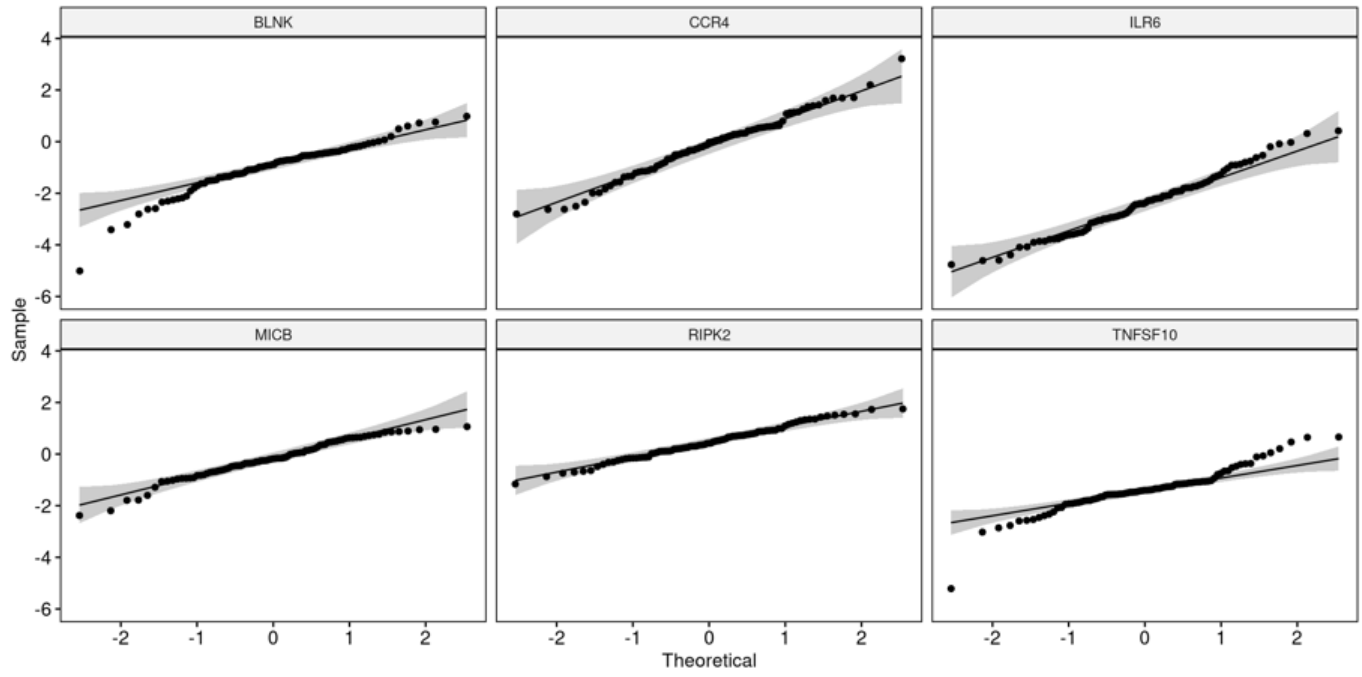


ca vs co

EDA of logFC


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
FC
index


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
log(FC)


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
Sample
Theoretical

Descriptive stat of log(FC)

Characteristic	N = 91[1]
BLNK	-0.88 (-1.37, -0.45)
Unknown	1
CCR4	-0.02 (-0.92, 0.54)
Unknown	4
ILR6	-2.38 (-3.12, -1.73)
Unknown	1
MICB	-0.18 (-0.61, 0.37)
RIPK2	0.42 (0.08, 0.88)
TNFSF10	-1.40 (-1.74, -1.09)

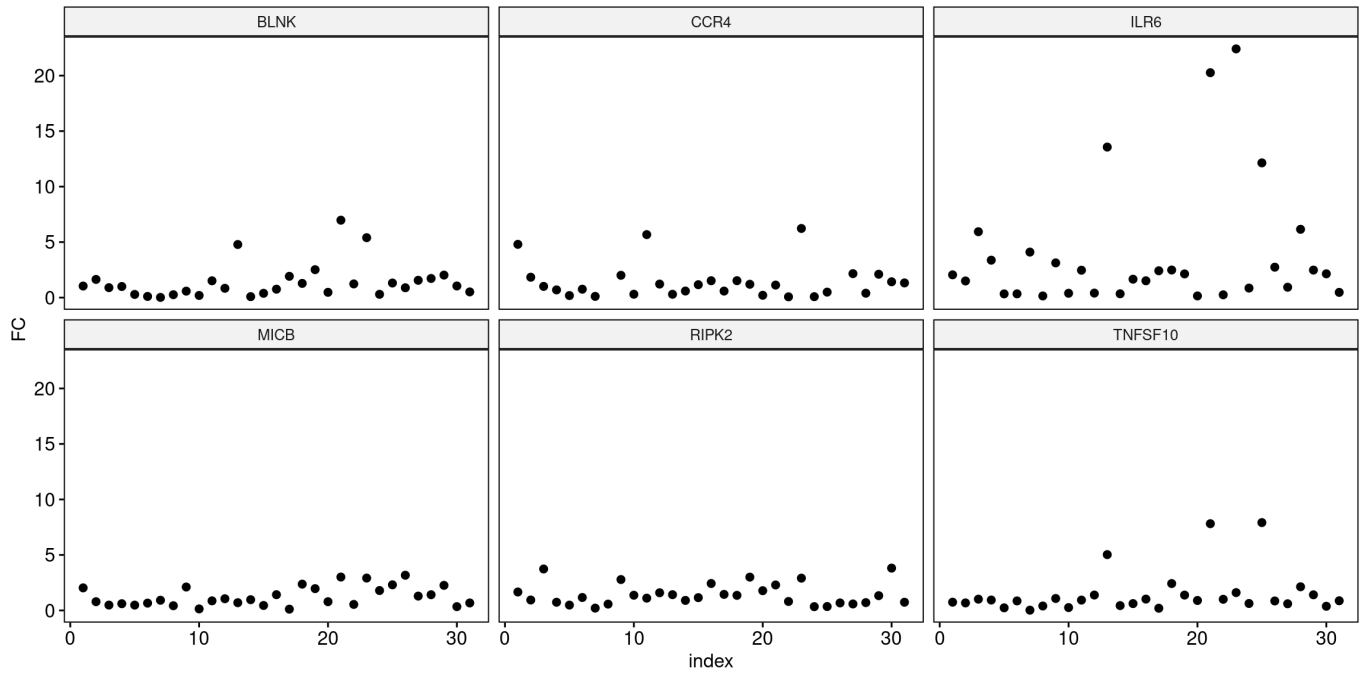
[1]Median (IQR)

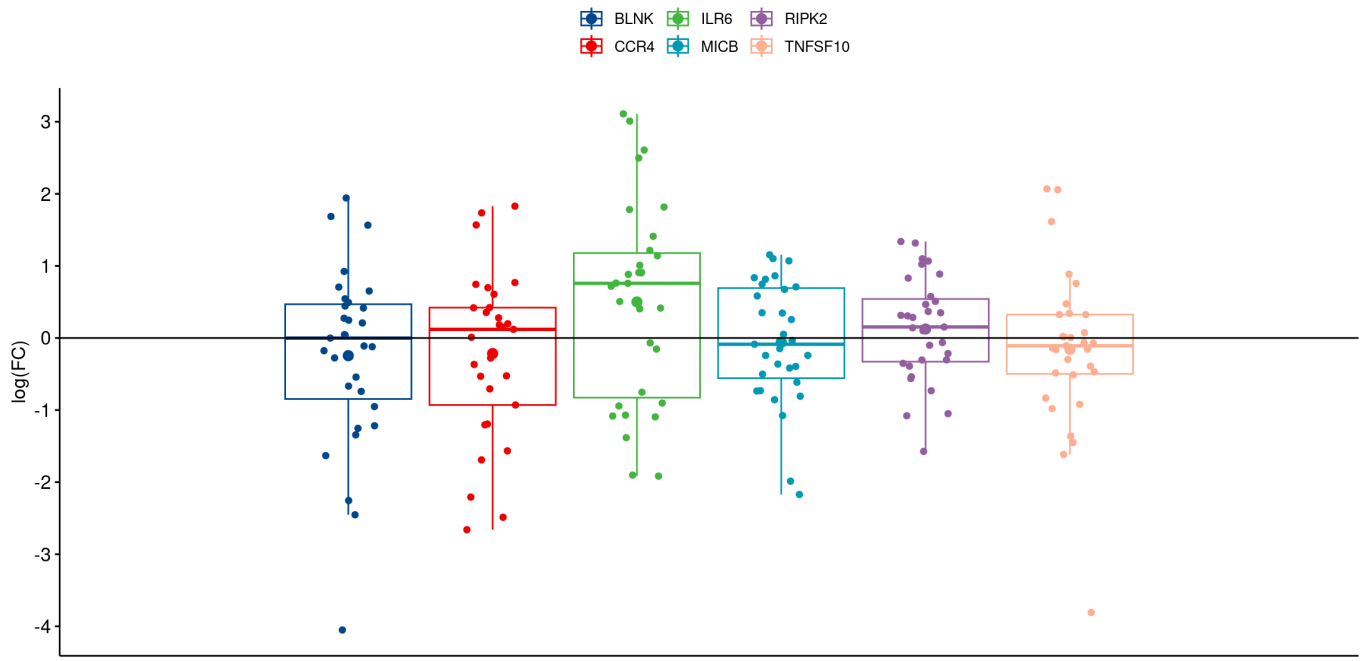
Wilcoxon test; H0: mean log(FC) = 0

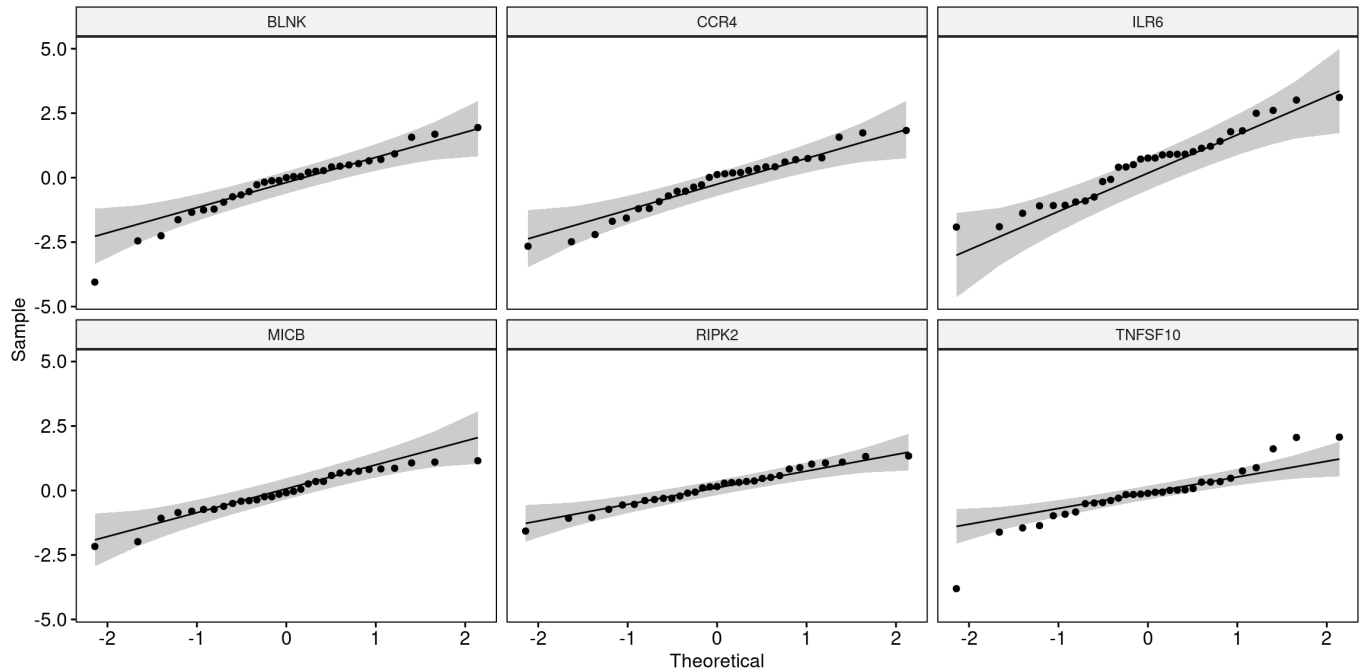
gene	p.value
BLNK	0.000000000000920252470
CCR4	0.2776524937021490613276
ILR6	0.000000000000002398323
MICB	0.0437421753748651678806
RIPK2	0.0000001108470091352 23
TNFSF10	0.000000000000004239486

mts vs primary

EDA of logFC


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
FC
index


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
log(FC)


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
Sample
Theoretical

Descriptive stat of log(FC)

Characteristic	N = 31[1]
BLNK	0.00 (-0.85, 0.47)
CCR4	0.12 (-0.93, 0.42)
Unknown	2
ILR6	0.76 (-0.83, 1.18)
MICB	-0.09 (-0.56, 0.69)
RIPK2	0.15 (-0.33, 0.54)
TNFSF10	-0.11 (-0.50, 0.32)

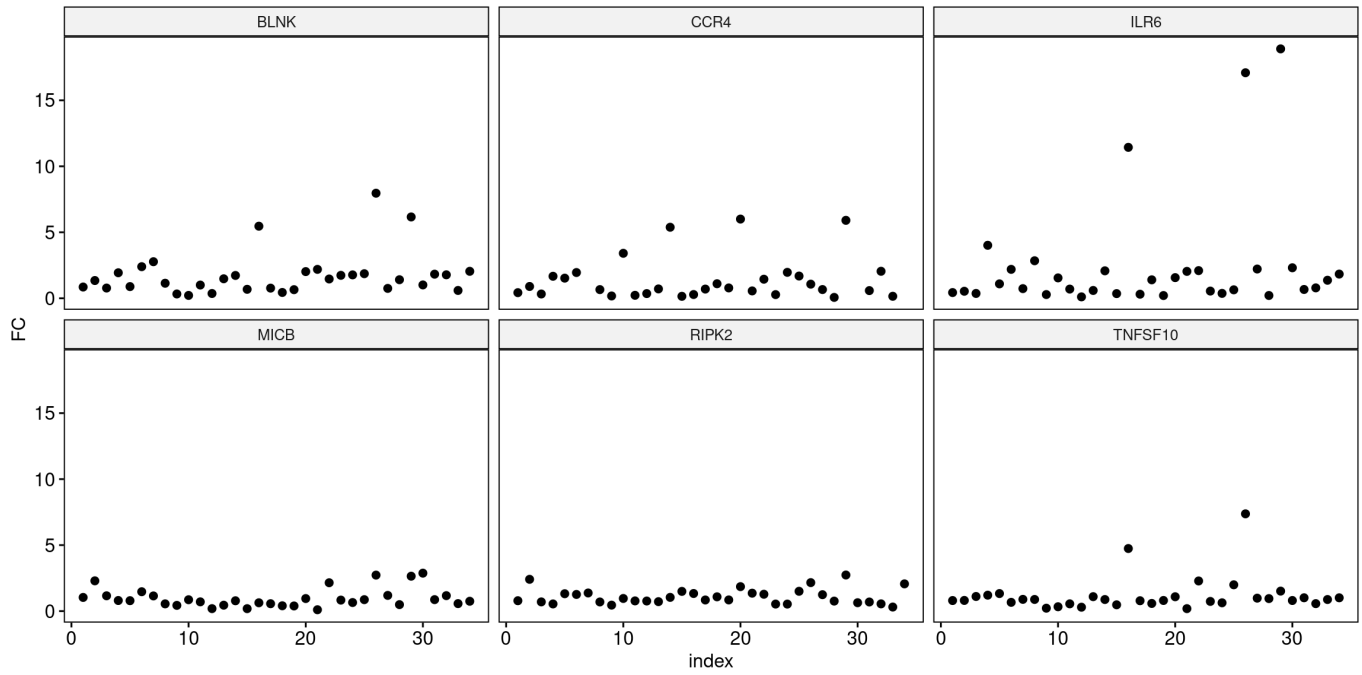
[1]Median (IQR)

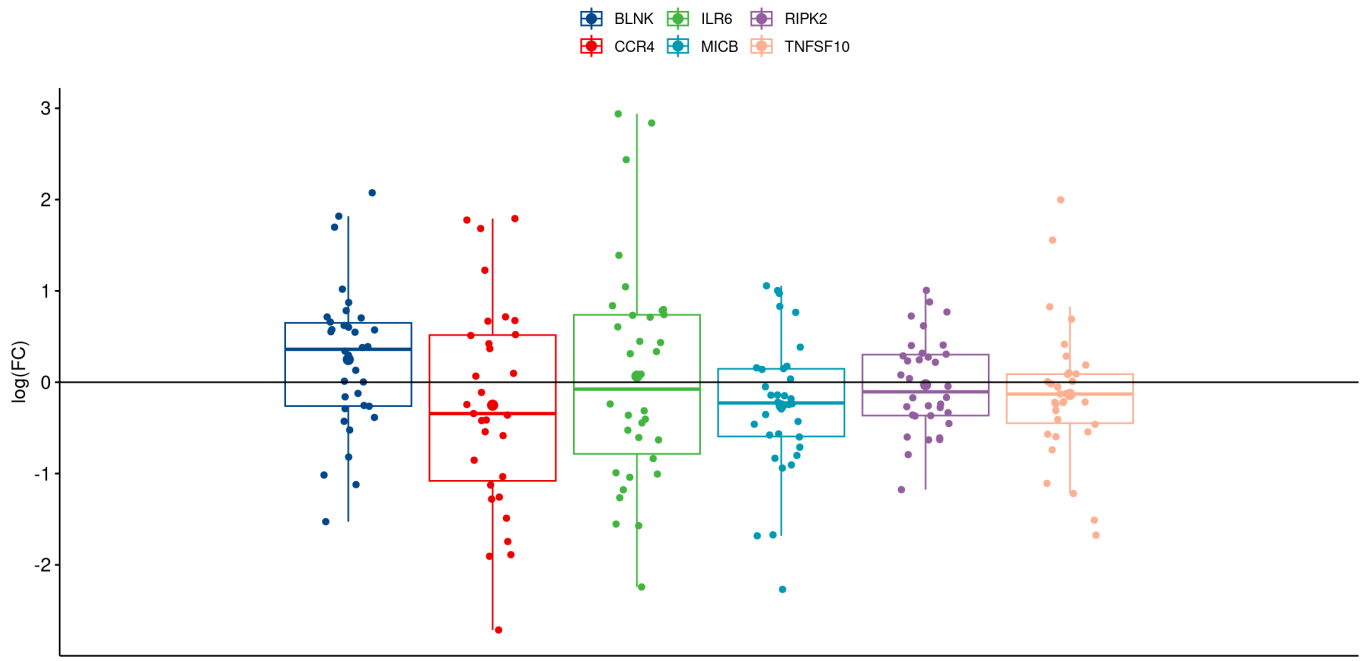
Wilcoxon test; H0: mean log(FC) = 0

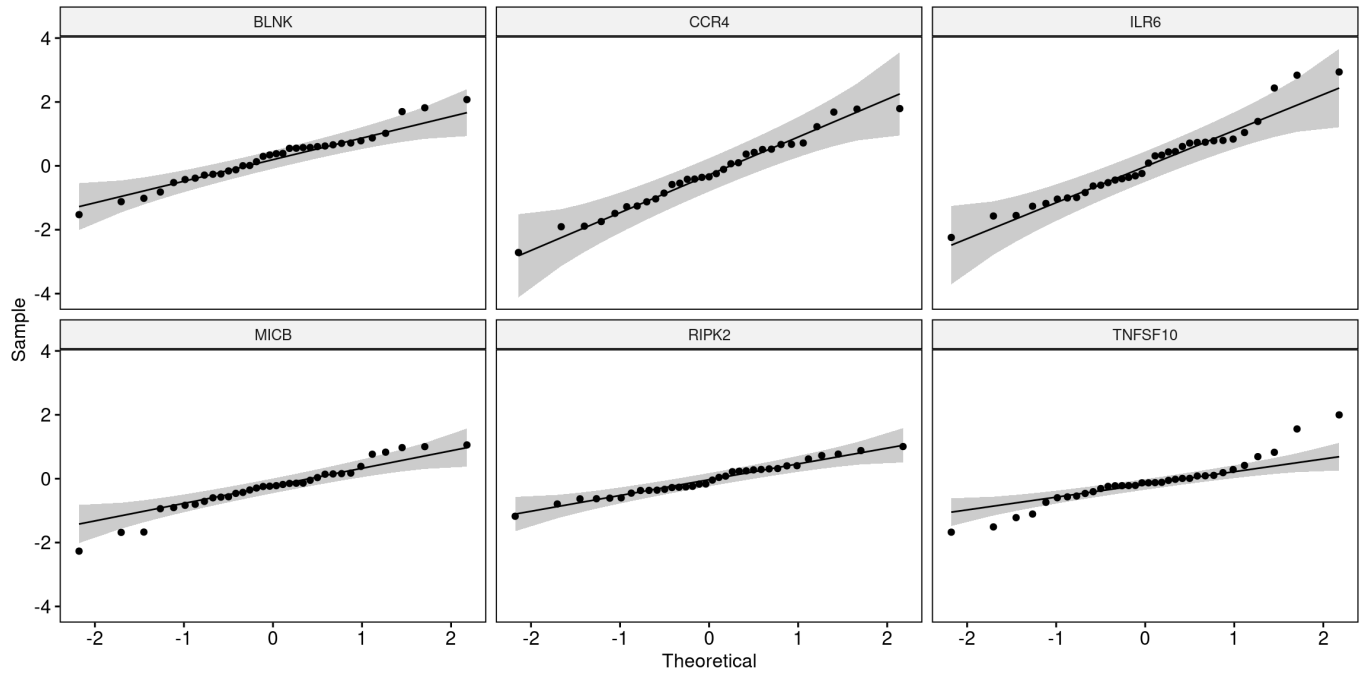
gene	p.value
BLNK	0.5167645
CCR4	0.5503523
ILR6	0.1066251
MICB	0.9768866
RIPK2	0.3175717
TNFSF10	0.3175717

KRAS+ vs KRAS-

EDA of logFC


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
FC
index


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
log(FC)


BLNK
CCR4
ILR6
MICB
RIPK2
TNFSF10
Sample
Theoretical

Descriptive stat of log(FC)

Characteristic	N = 34[1]
BLNK	0.36 (-0.26, 0.65)
CCR4	-0.34 (-1.08, 0.52)
Unknown	3
ILR6	-0.08 (-0.78, 0.74)
MICB	-0.23 (-0.59, 0.15)
RIPK2	-0.10 (-0.36, 0.30)
TNFSF10	-0.13 (-0.45, 0.09)

[1]Median (IQR)

Wilcoxon test; H0: mean log(FC) = 0

gene	p.value
BLNK	0.05476904
CCR4	0.28106469
ILR6	1.00000000
MICB	0.05043983
RIPK2	0.72295671
TNFSF10	0.07234450