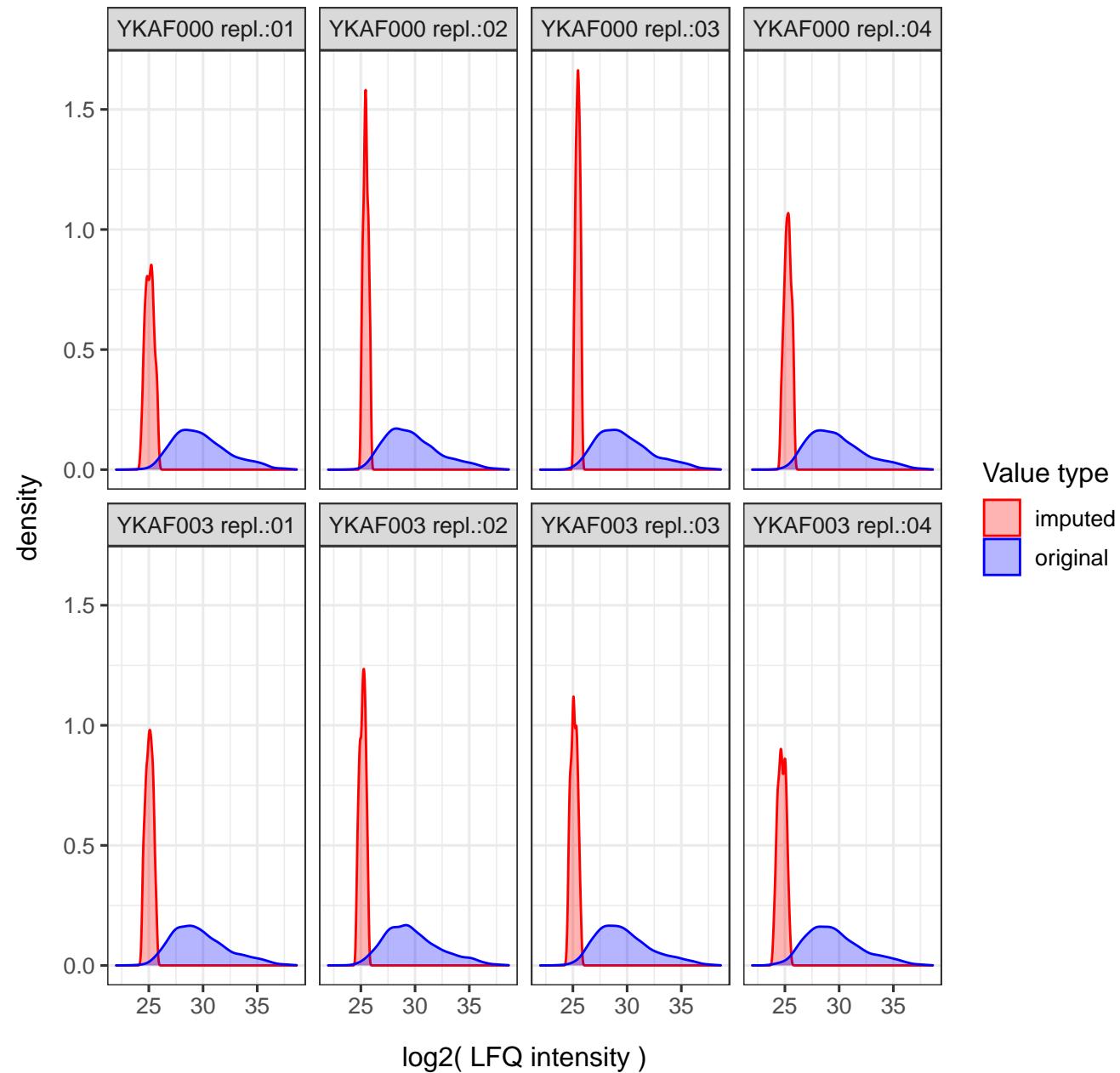
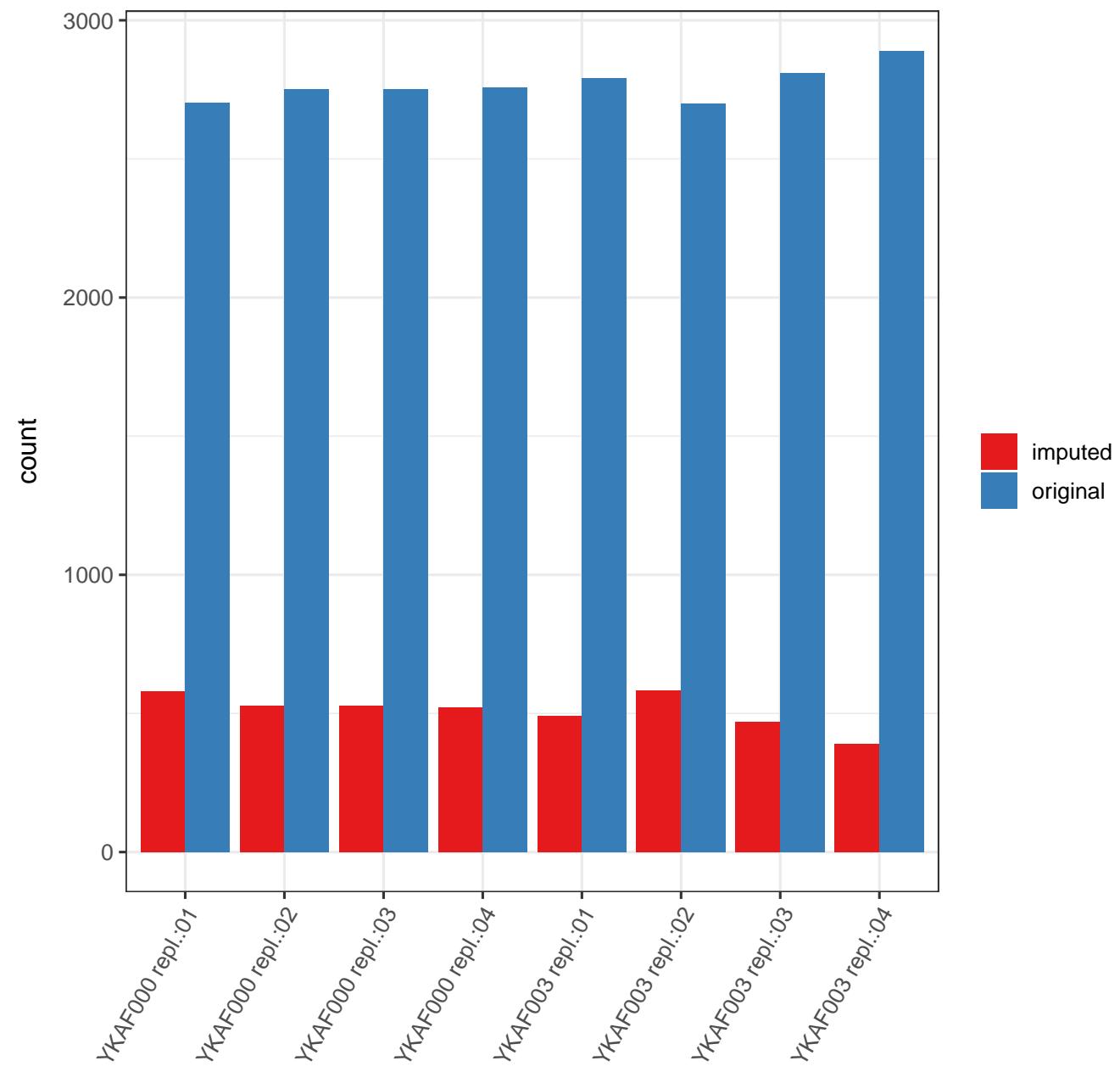


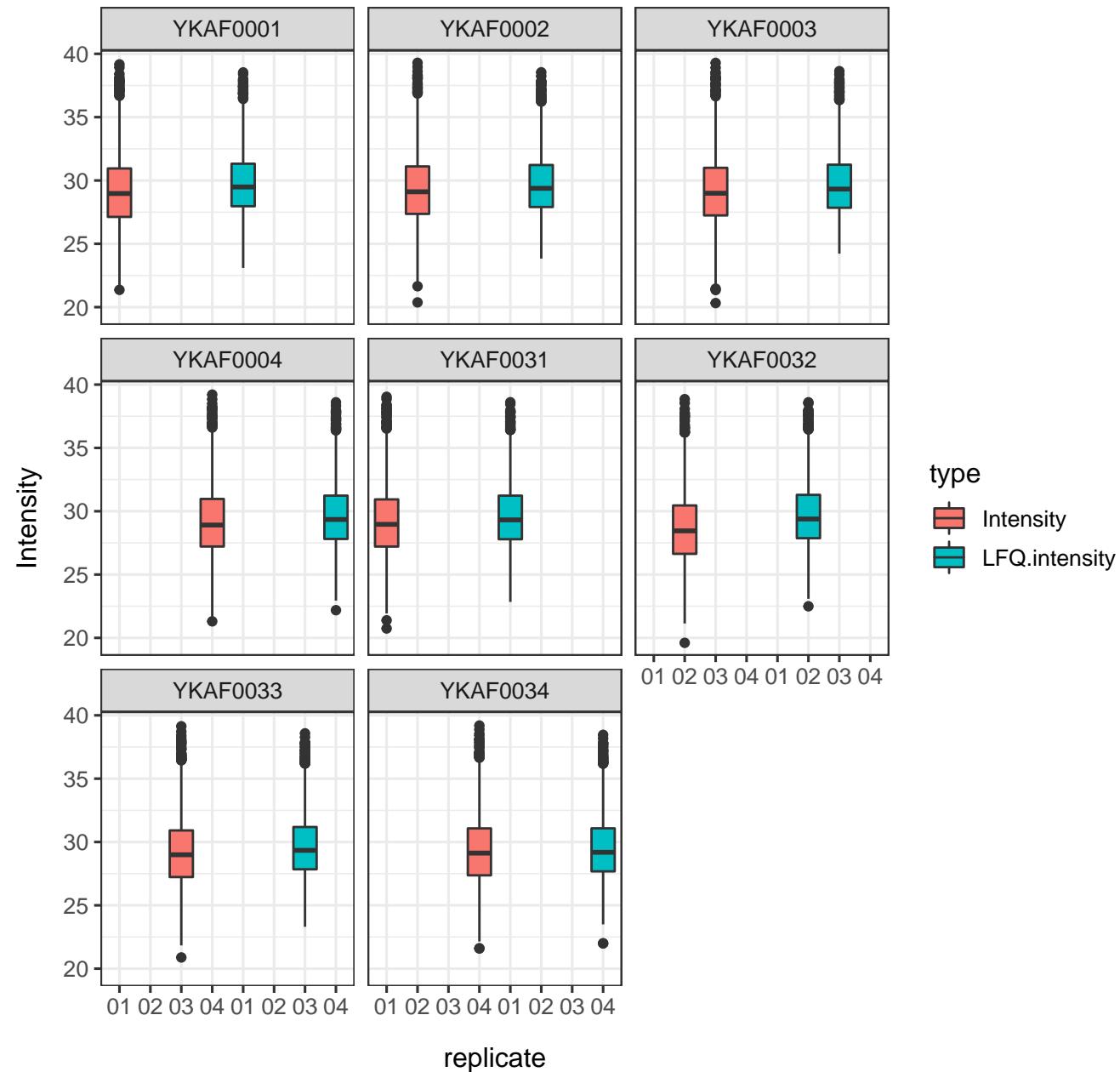
Comparison of imputed and measured values, grouped by replicate



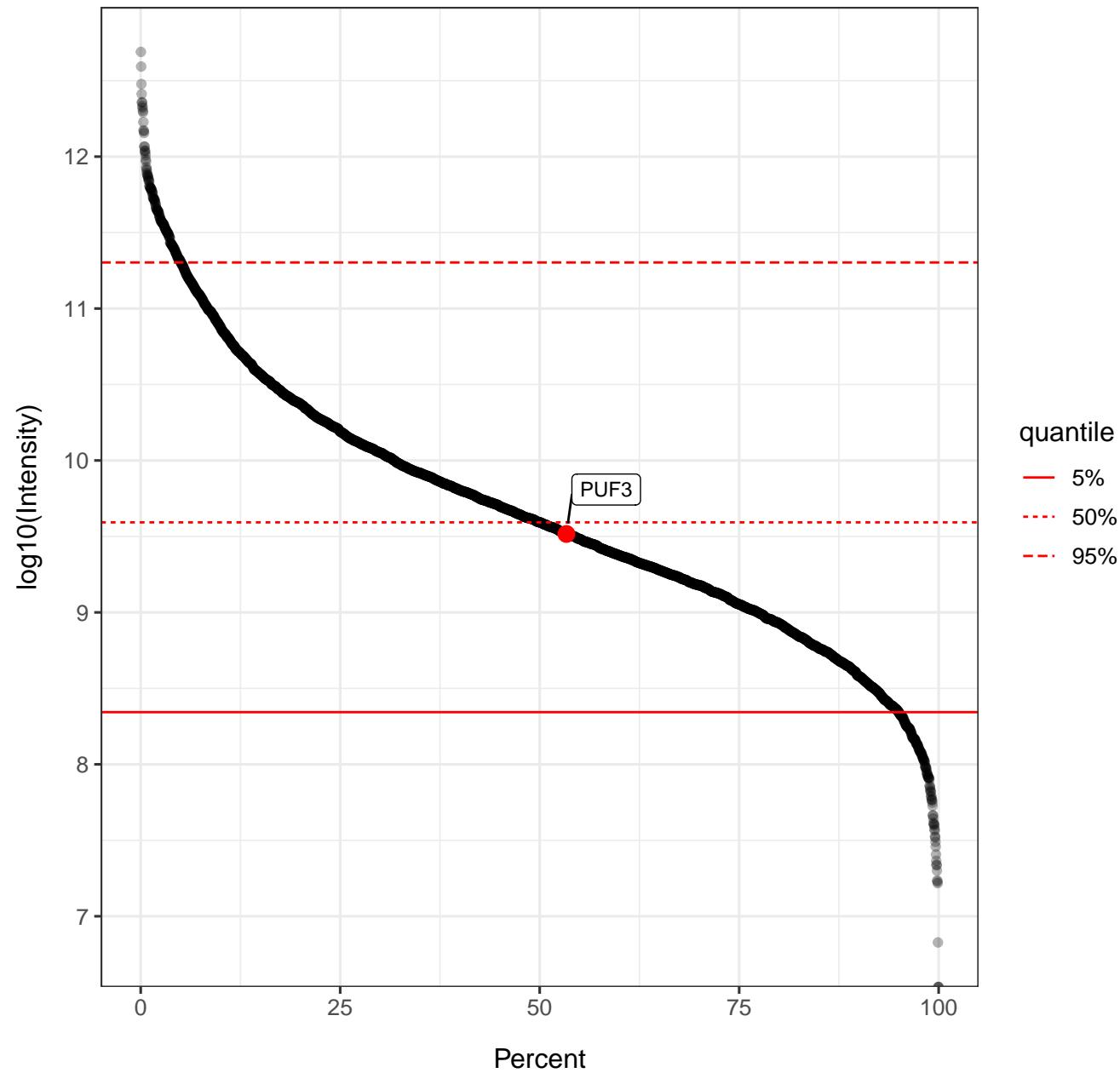
comparison imputed vs. measured



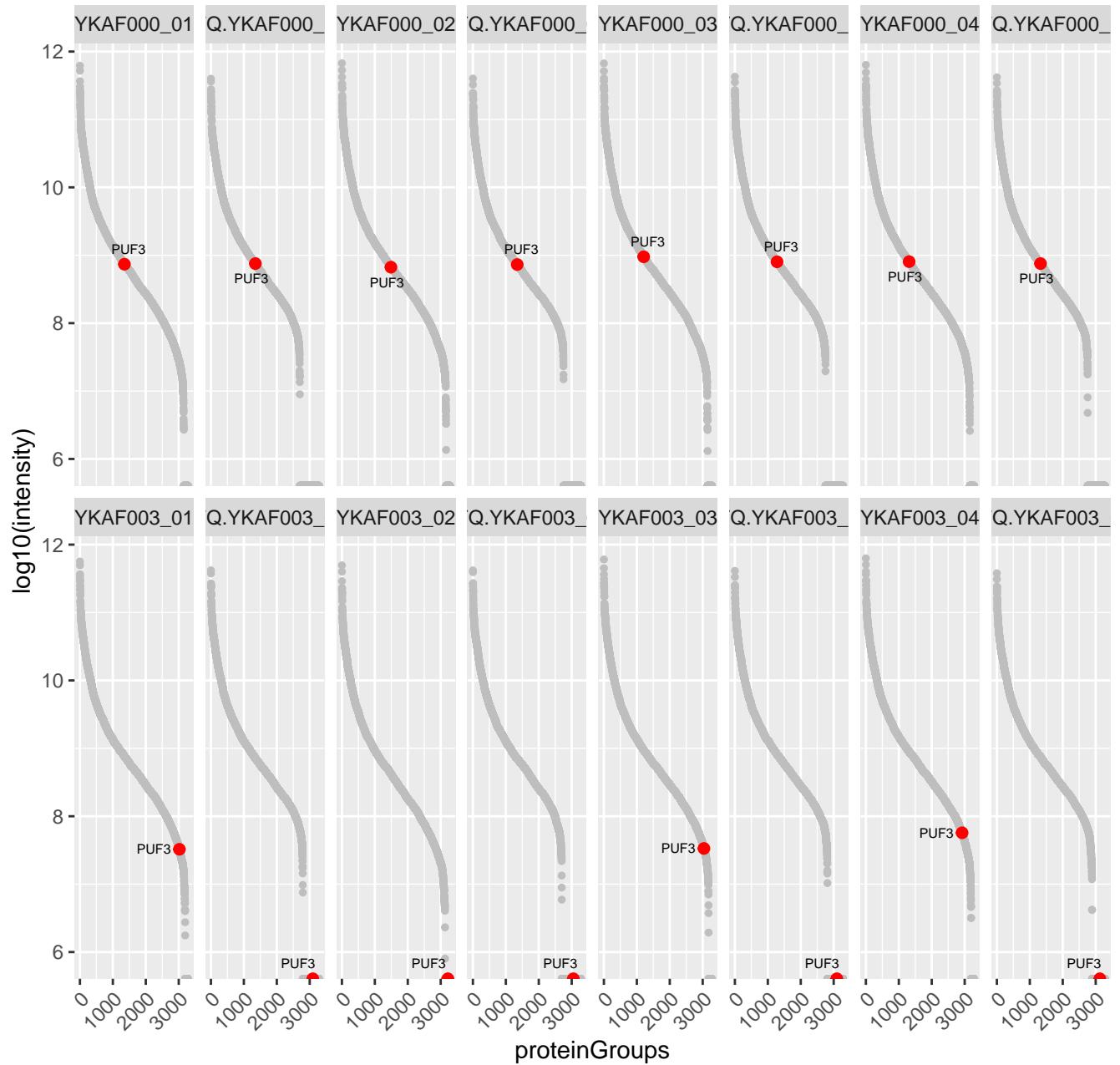
Intensity vs. LFQ Intensity w/o imputed



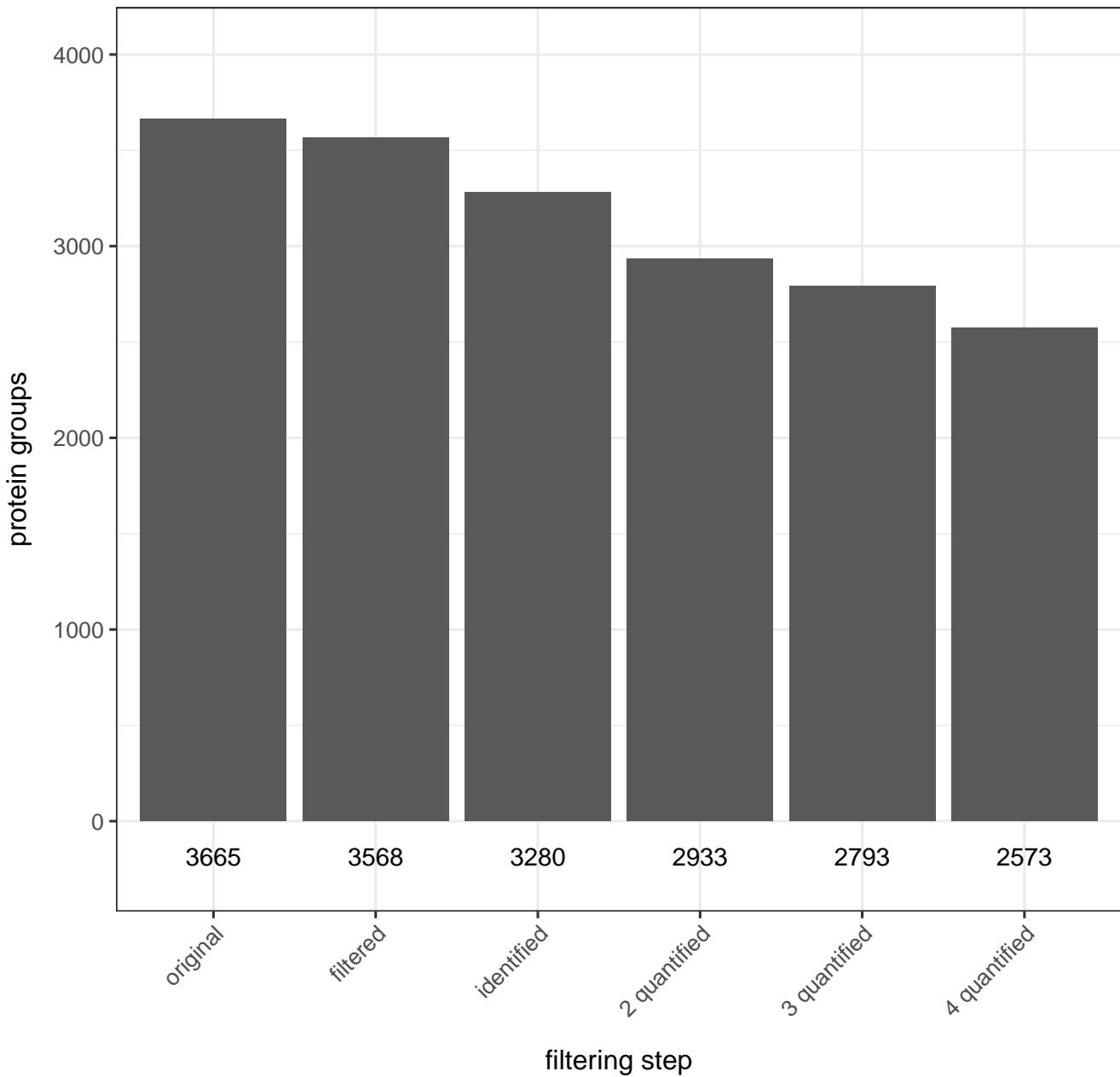
90% of the intensities change in 3.0 orders or magnitude



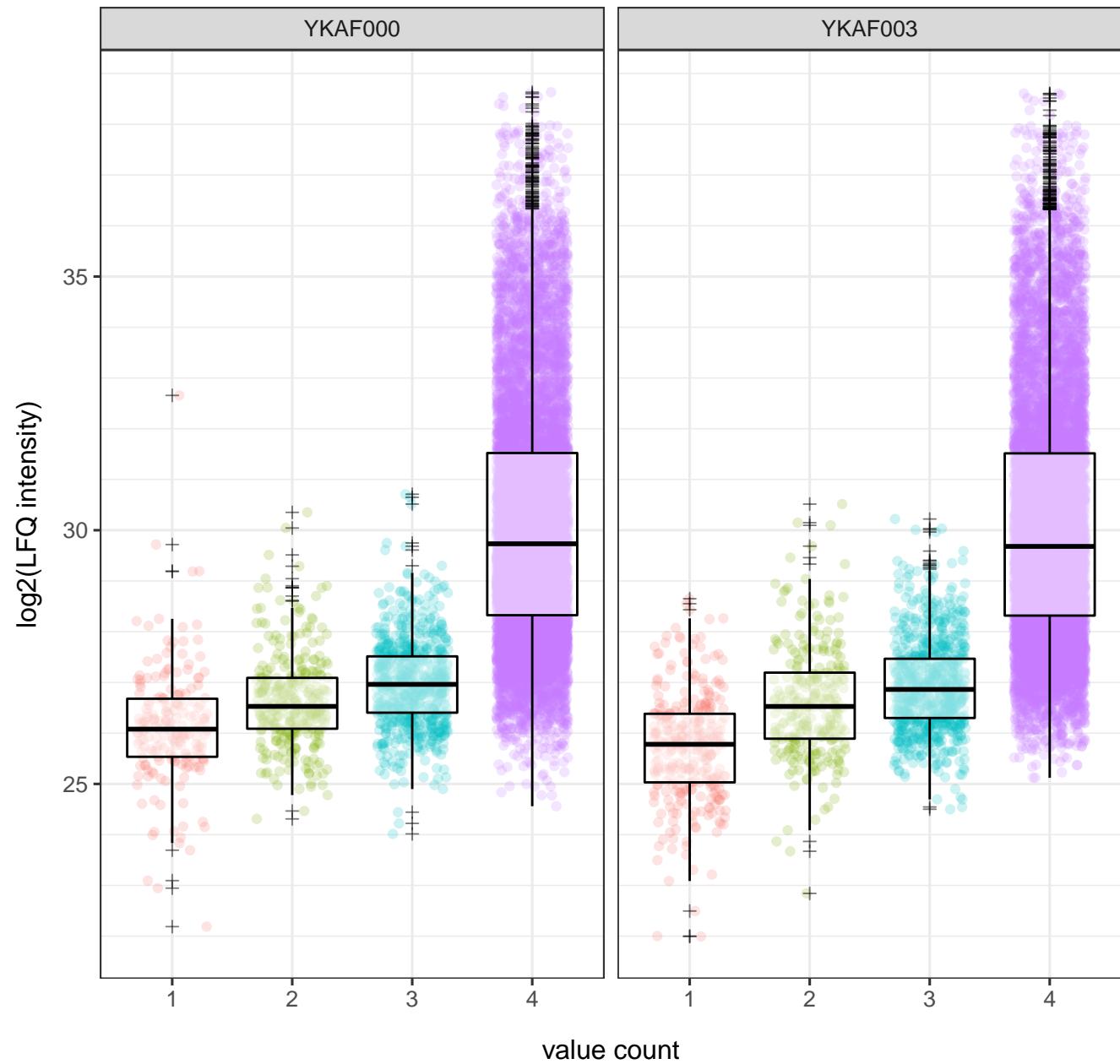
Protein abundance per replicate of LFQ values

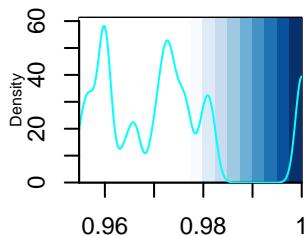


protein groups after each filtering step

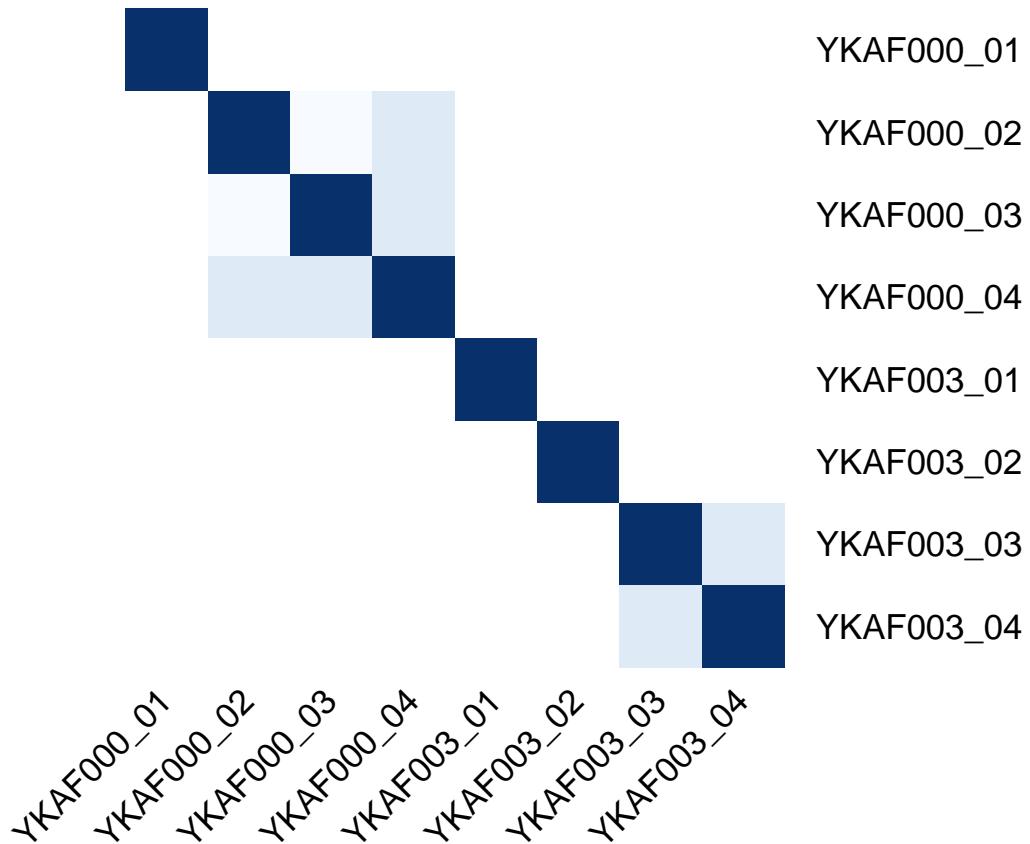


Measured intensity grouped by value counts

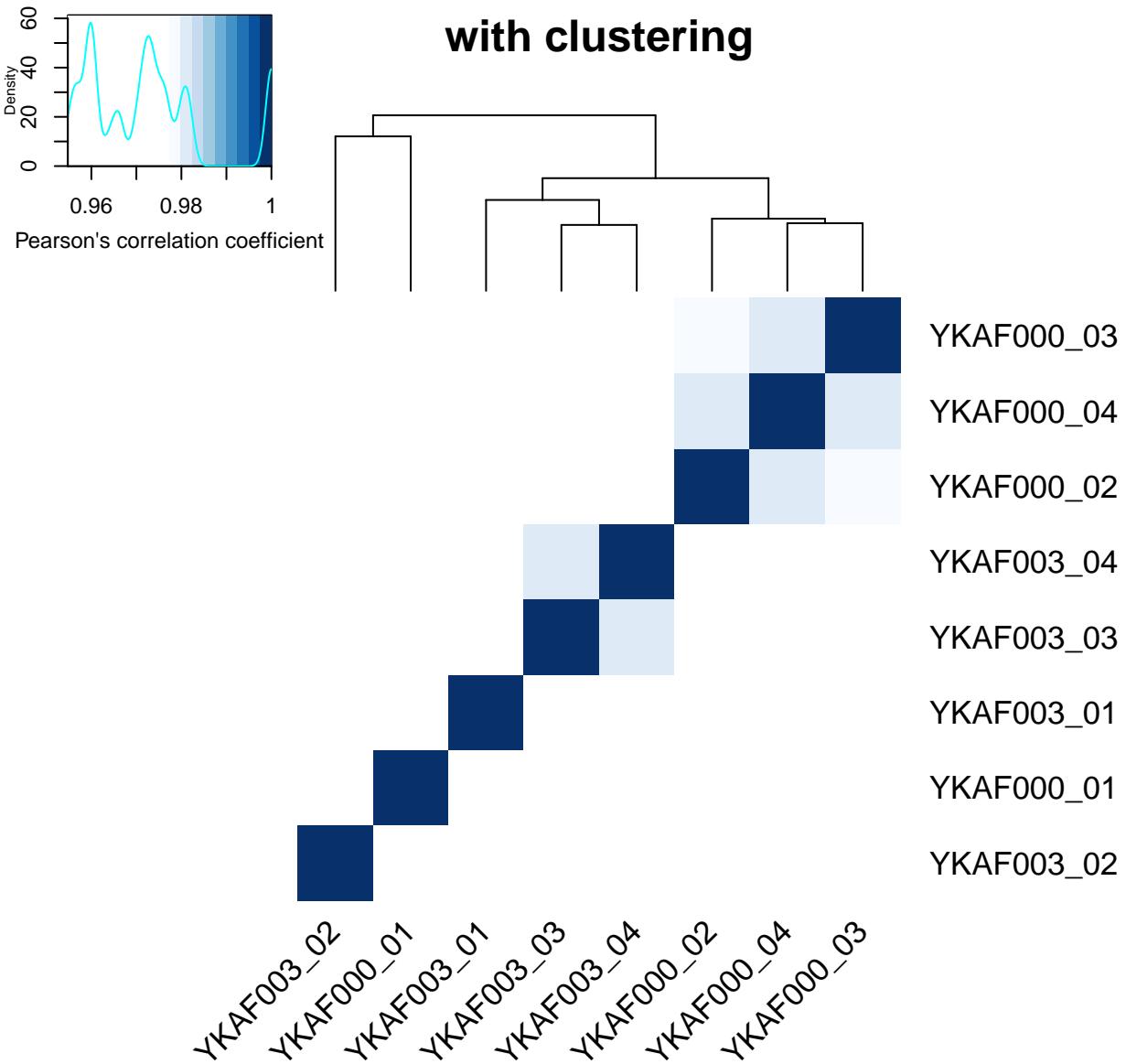




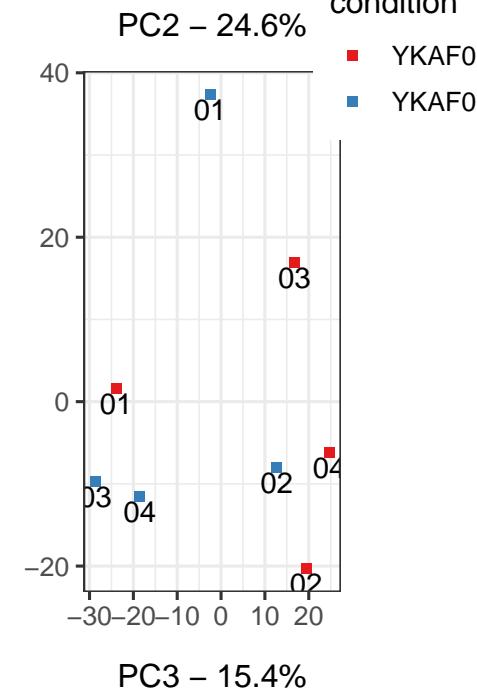
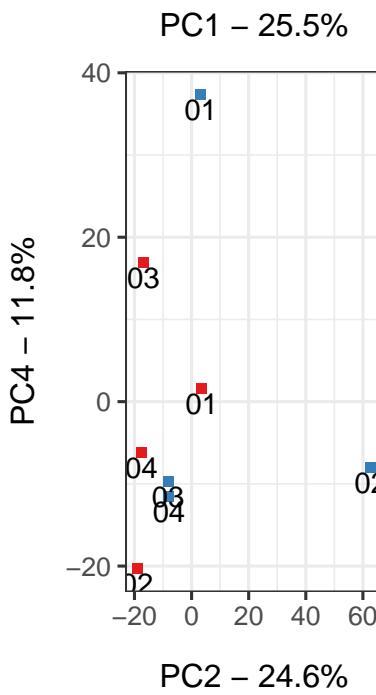
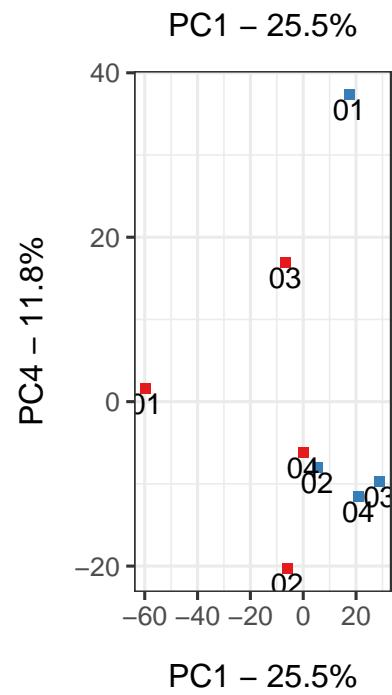
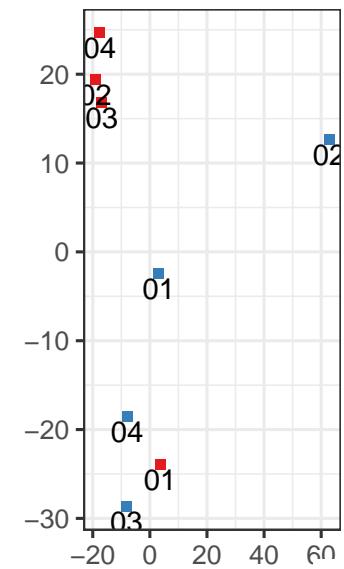
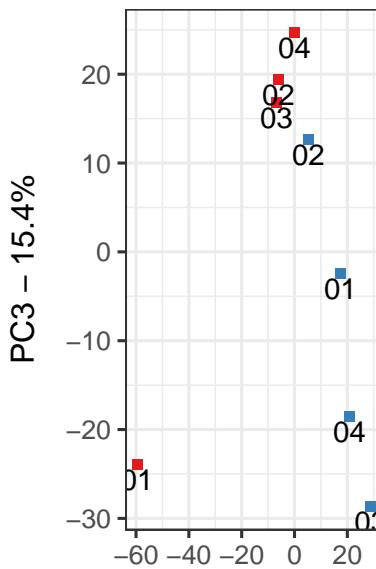
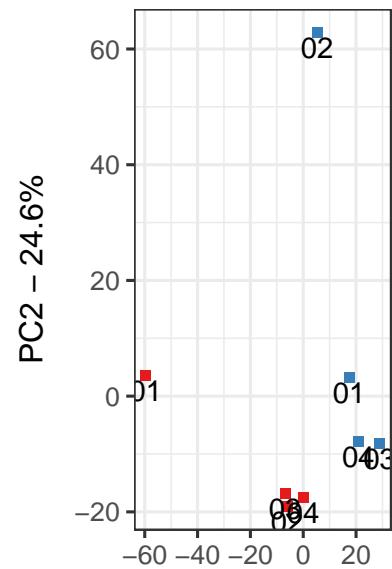
Correlation between replicates



with clustering



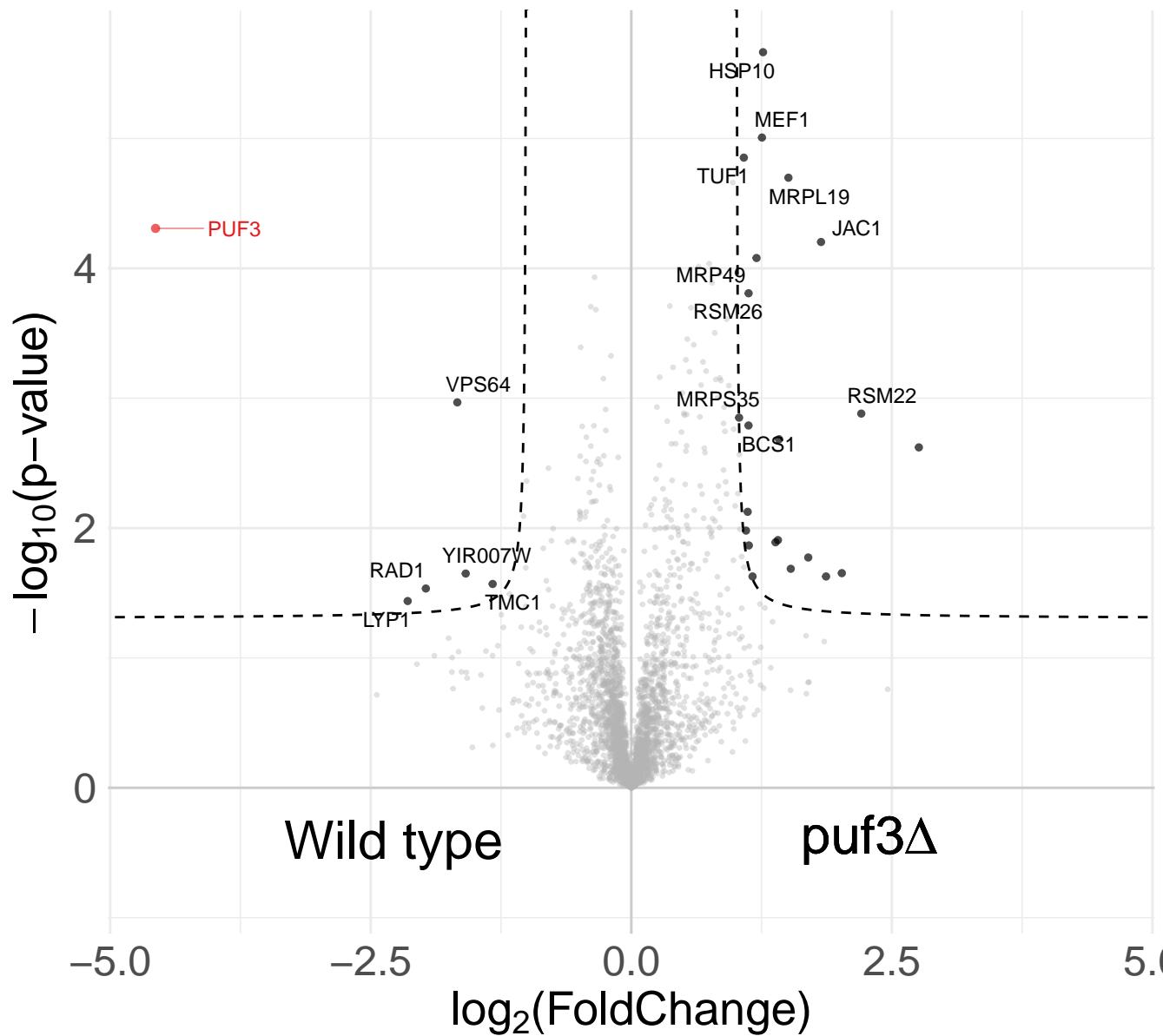
the principal component analysis



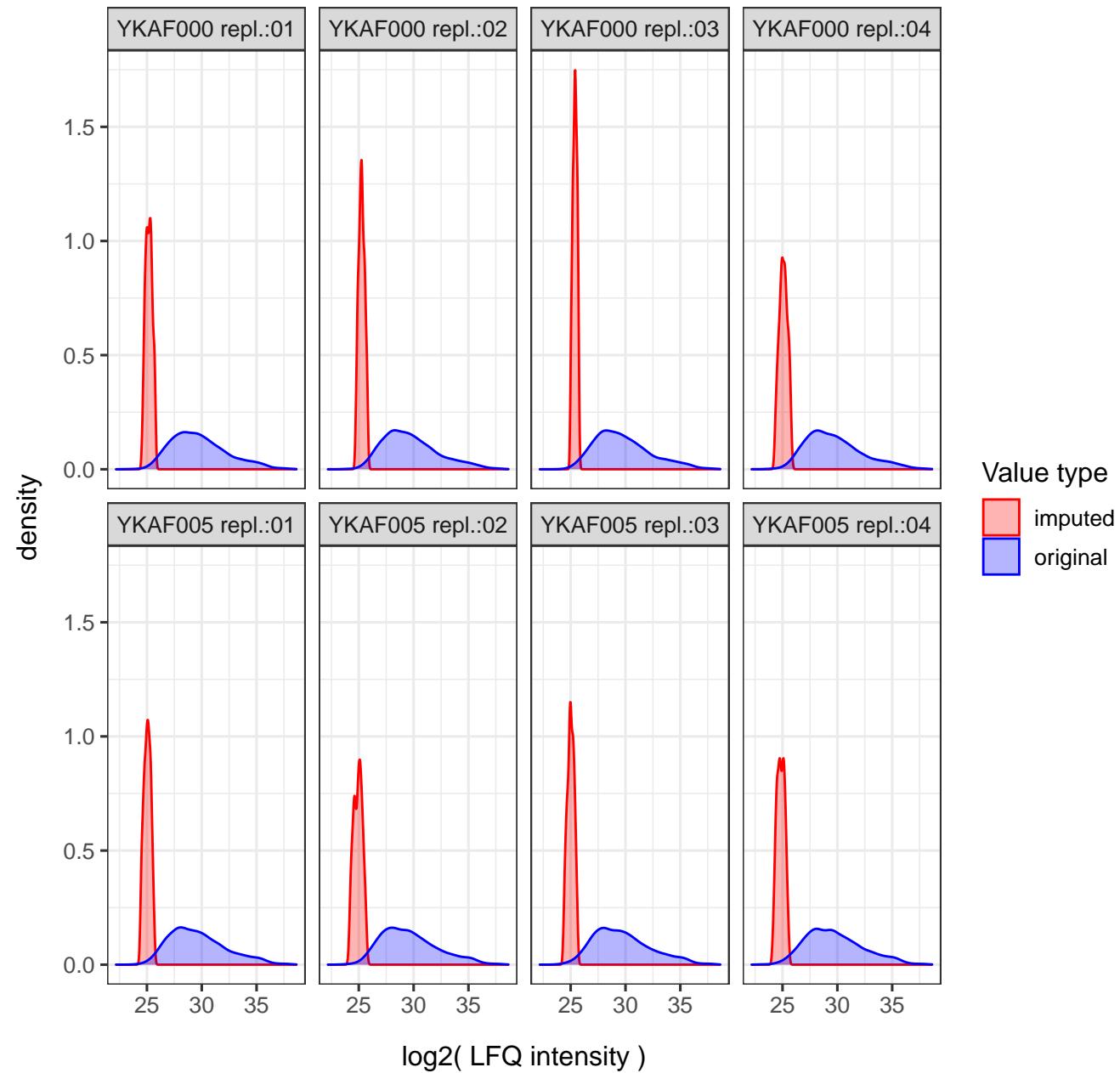
PUF3 KO experiment

Volcano plot of PUF3 KO against Wild type

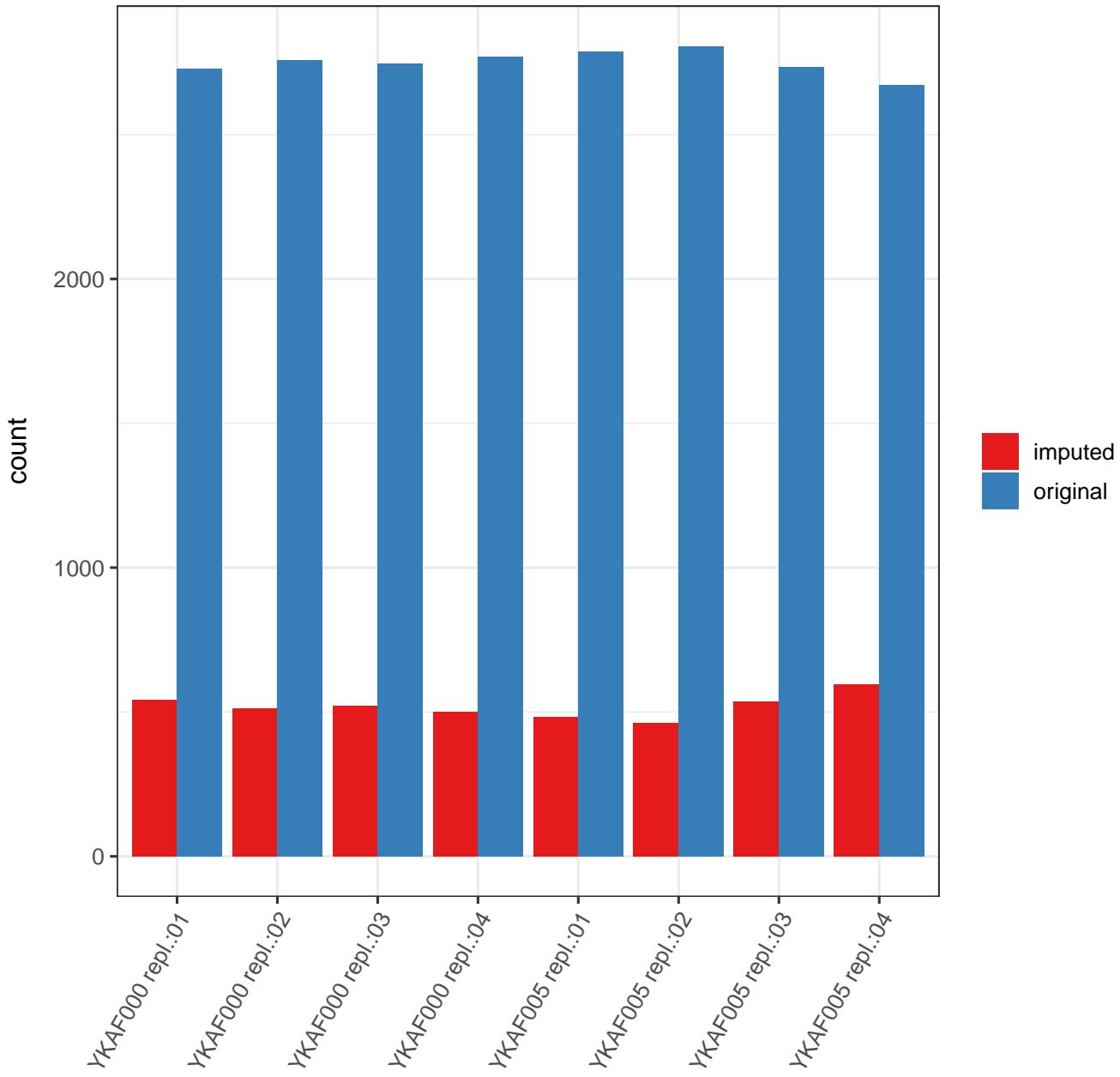
positive: 22; negative: 6; enriched: 28; background: 2905; total: 2933



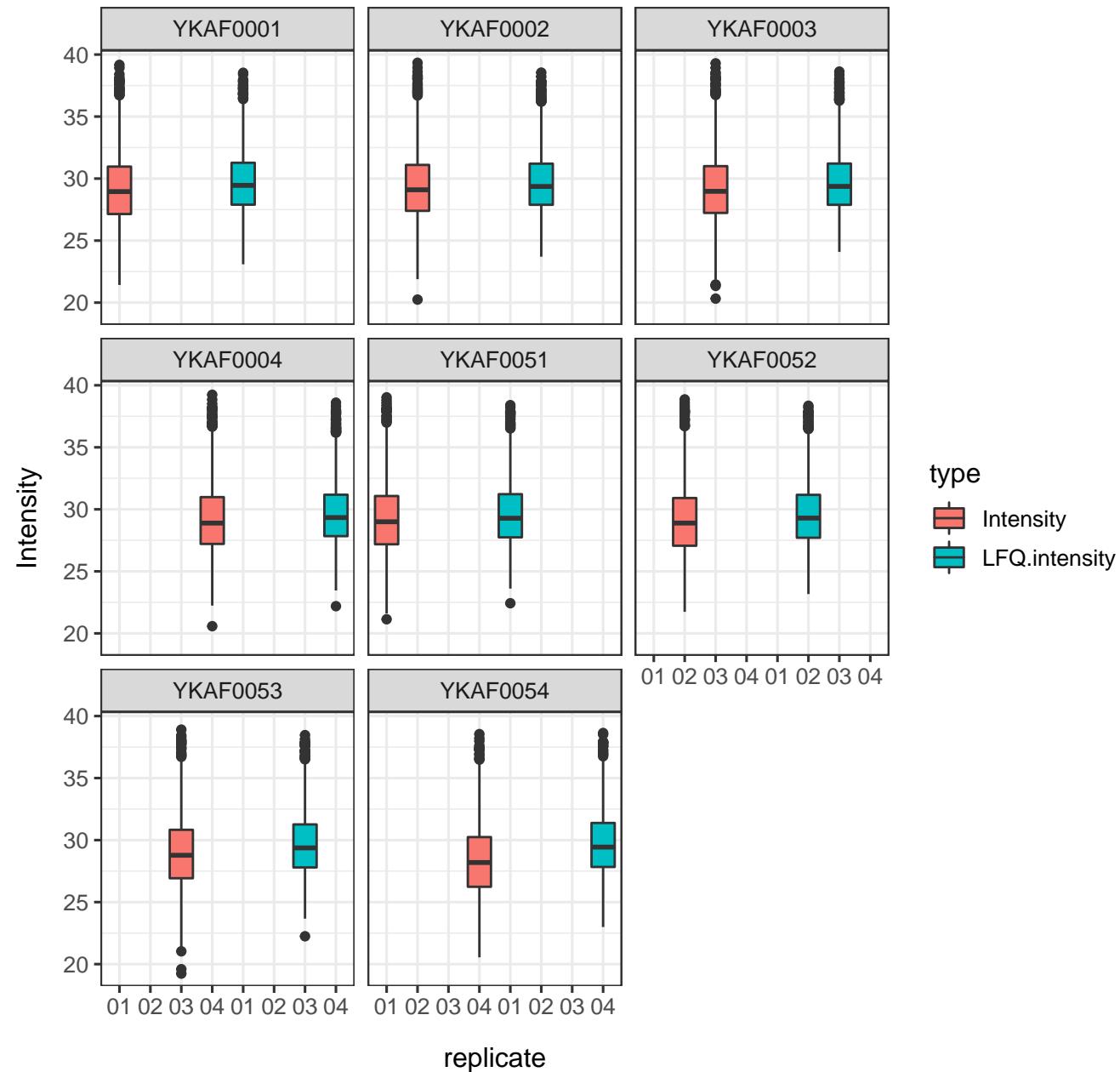
Comparison of imputed and measured values, grouped by replicate



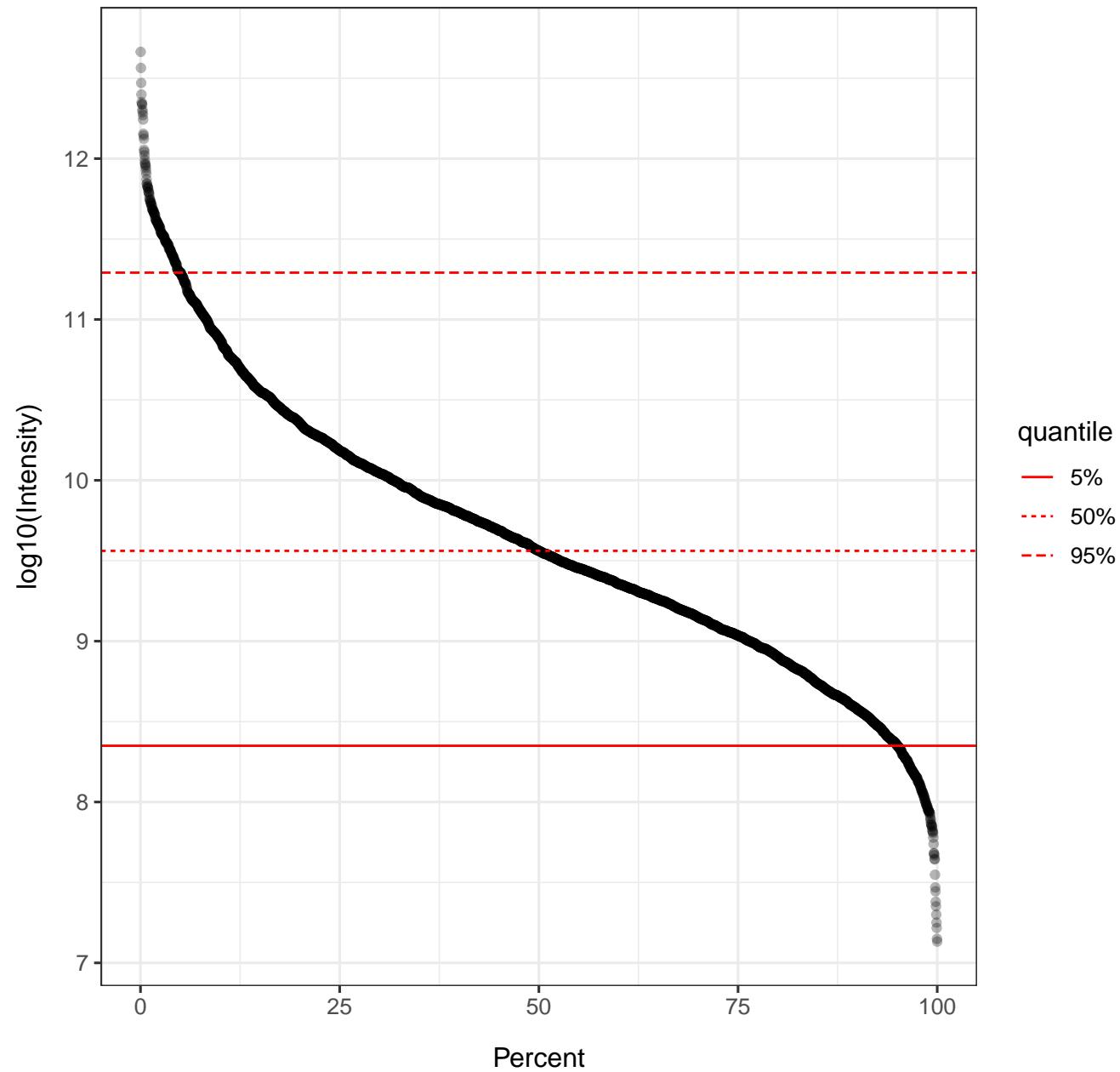
comparison imputed vs. measured



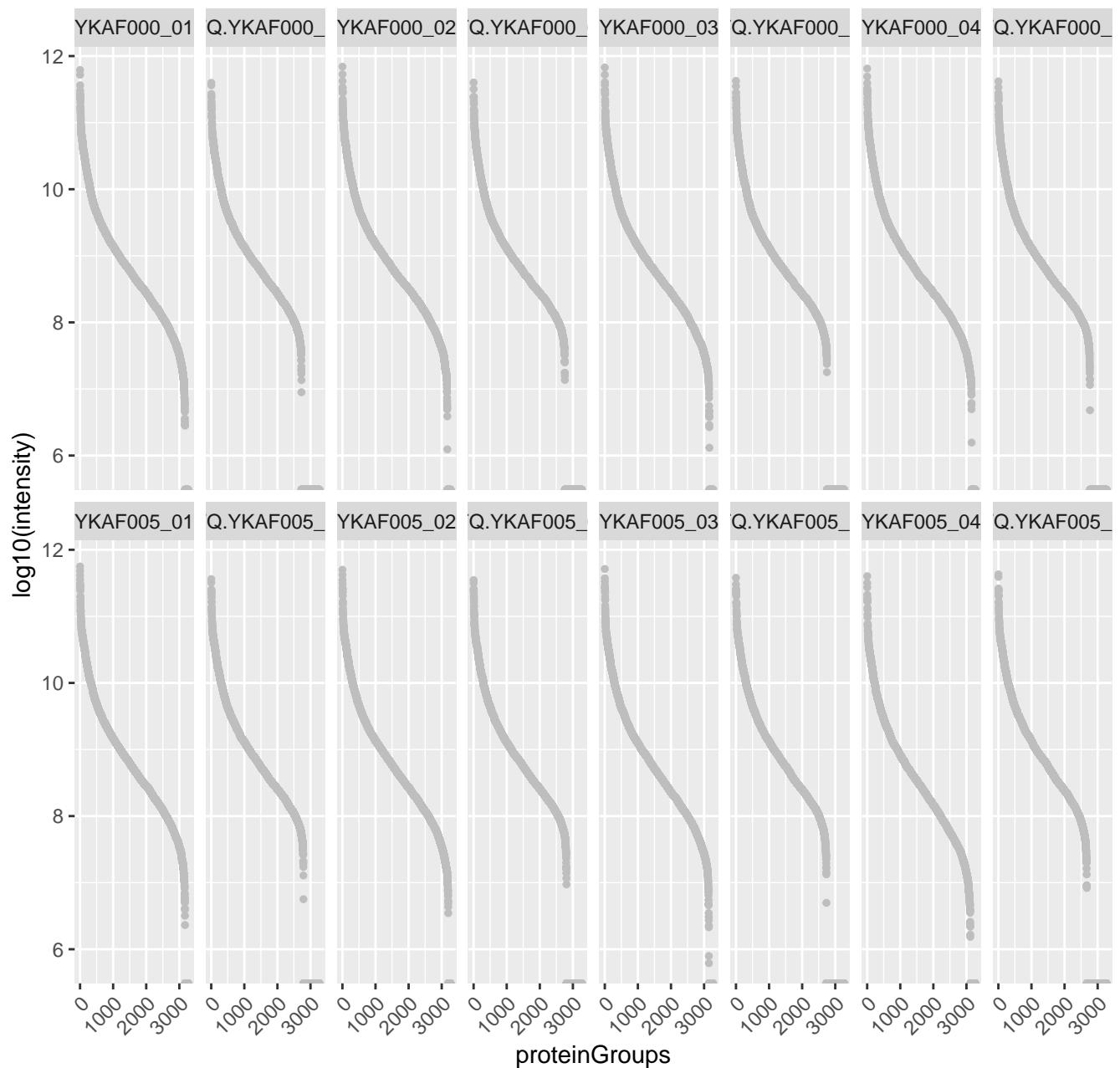
Intensity vs. LFQ Intensity w/o imputed



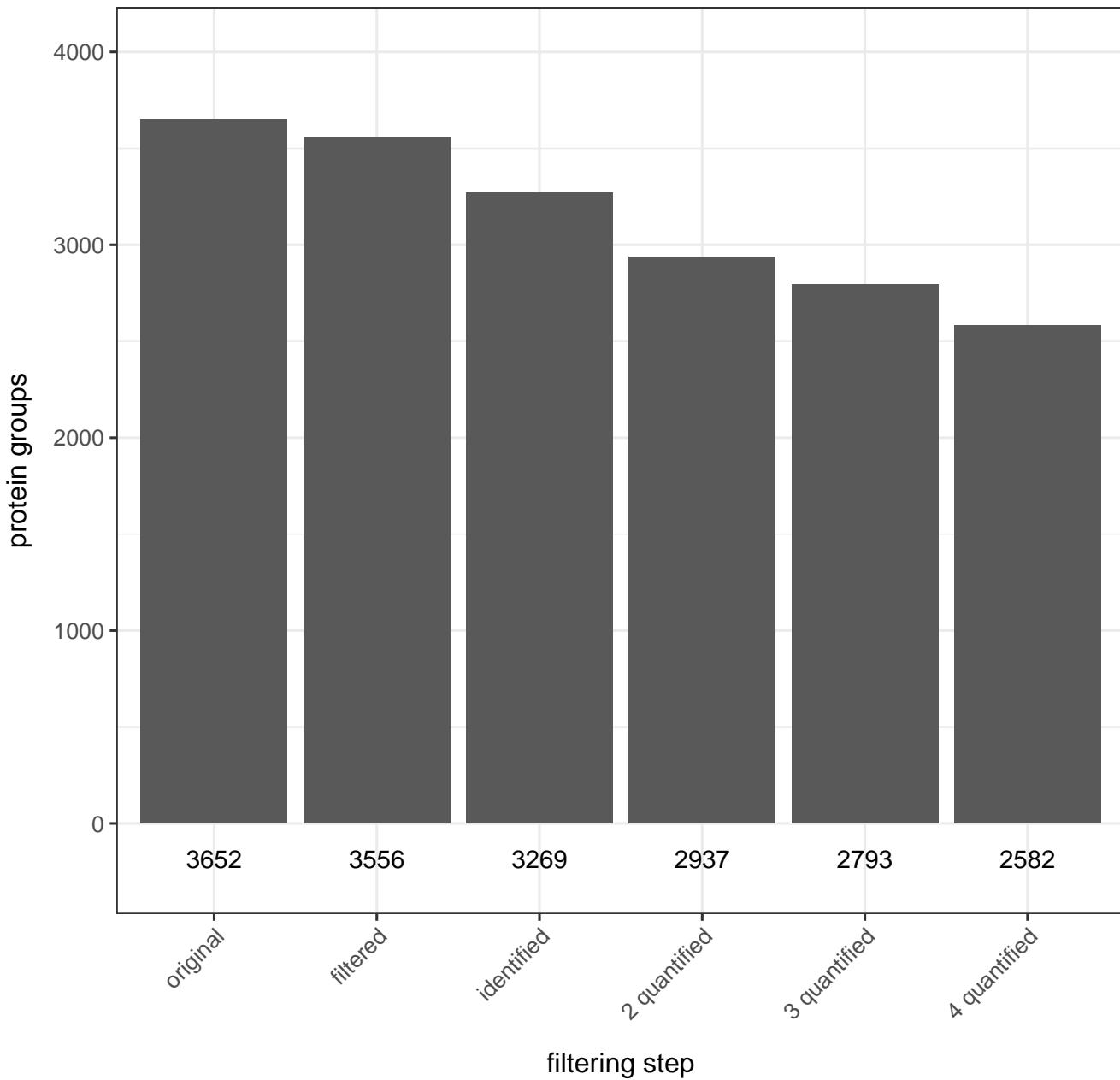
90% of the intensities change in 2.9 orders or magnitude



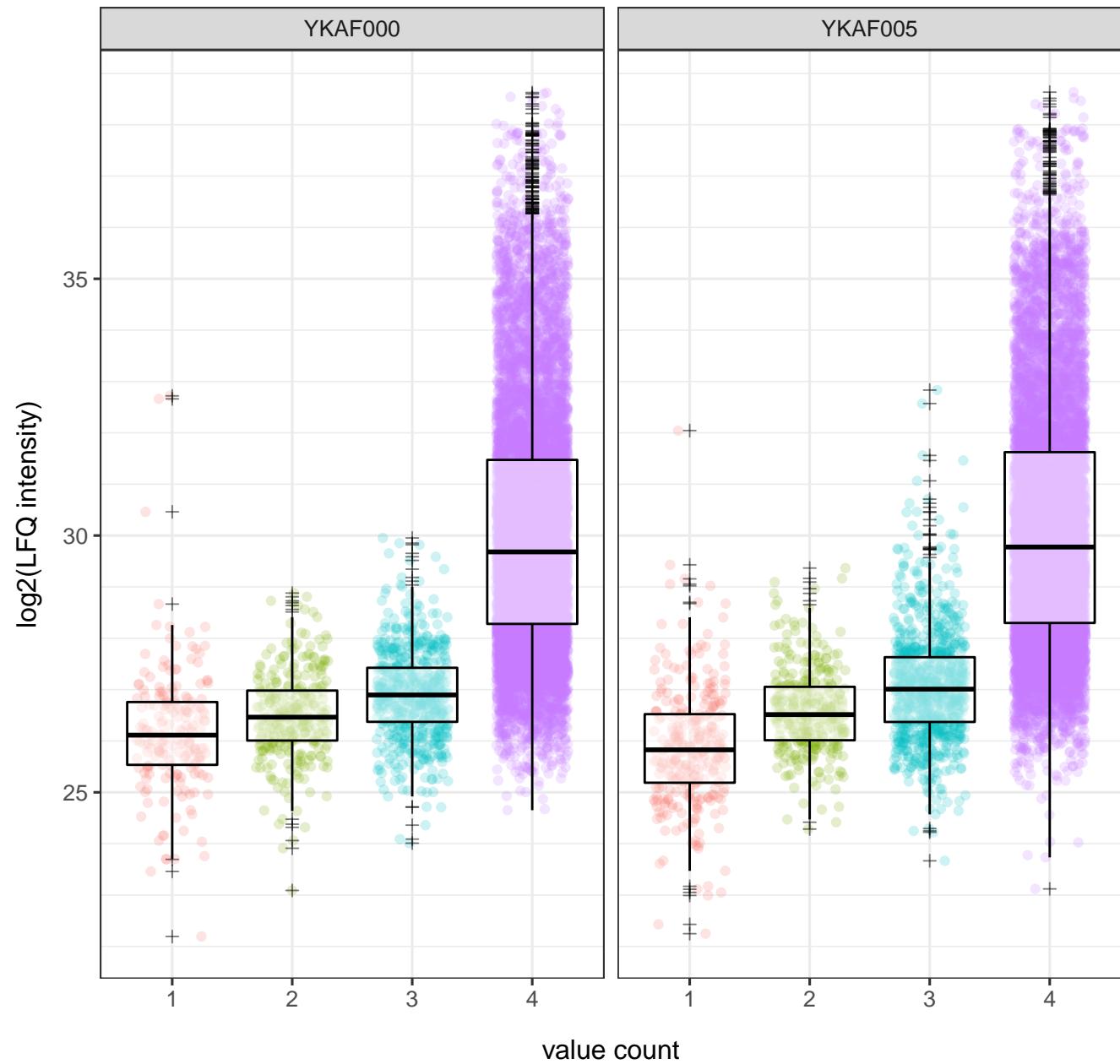
Protein abundance per replicate of LFQ values

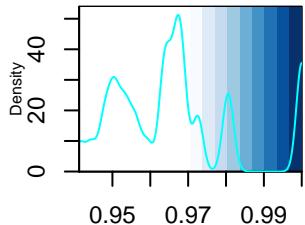


protein groups after each filtering step

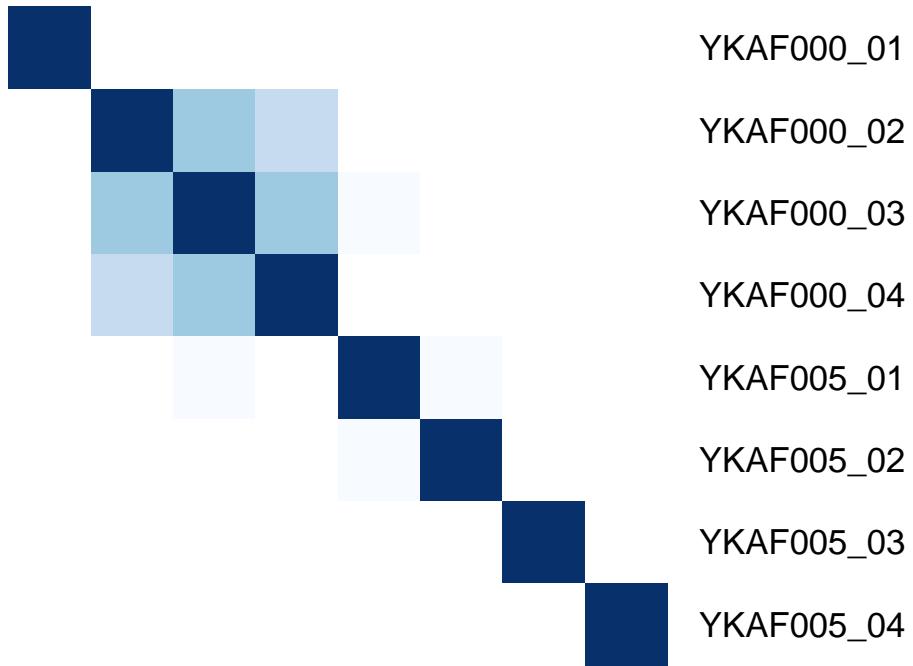


Measured intensity grouped by value counts



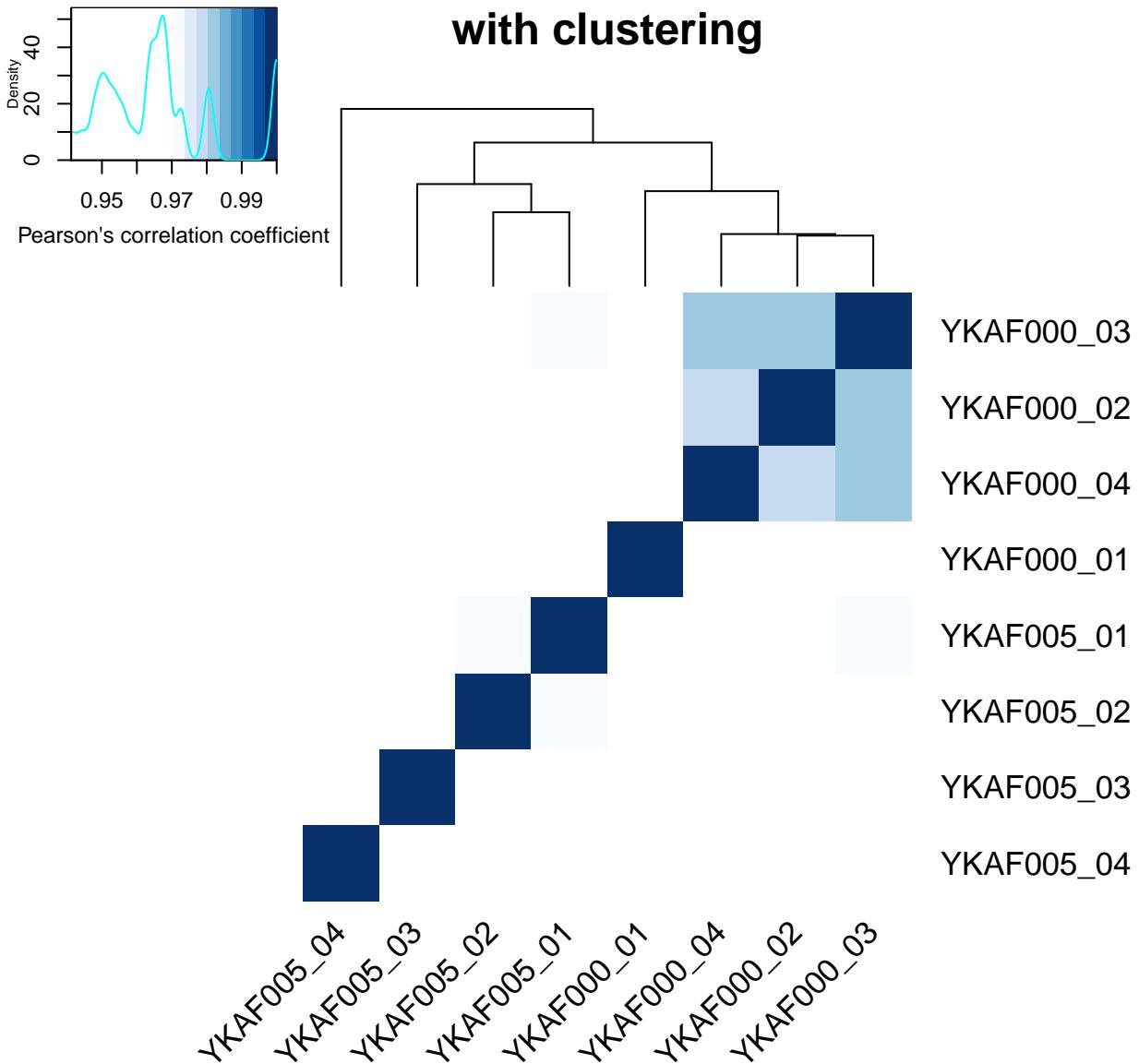


correlation between replicates

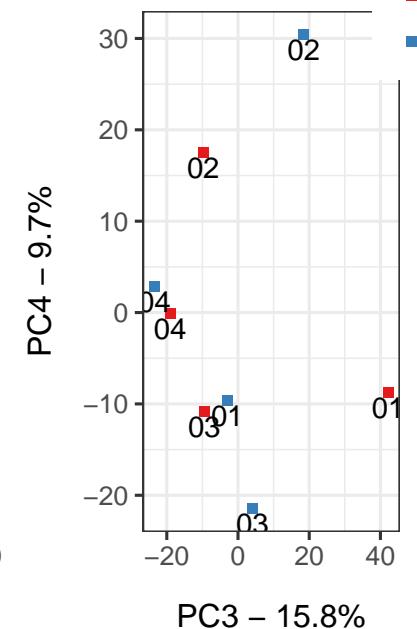
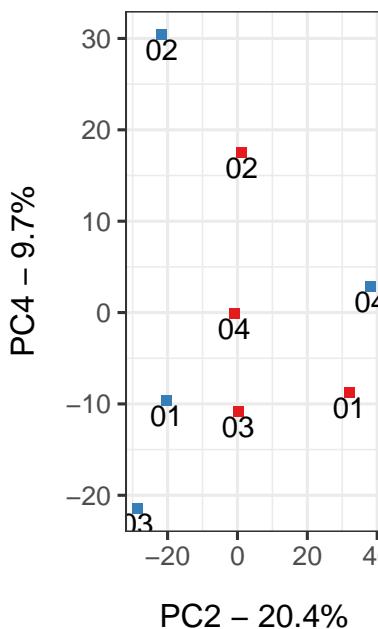
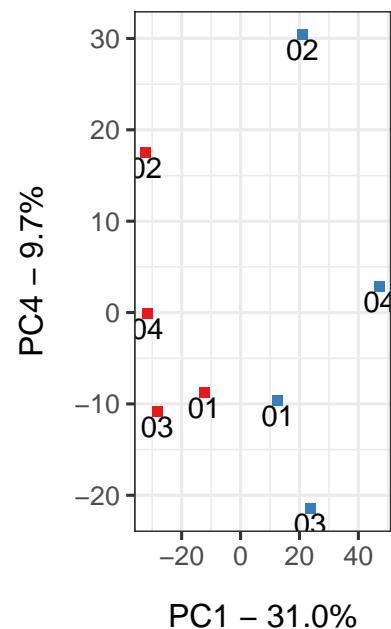
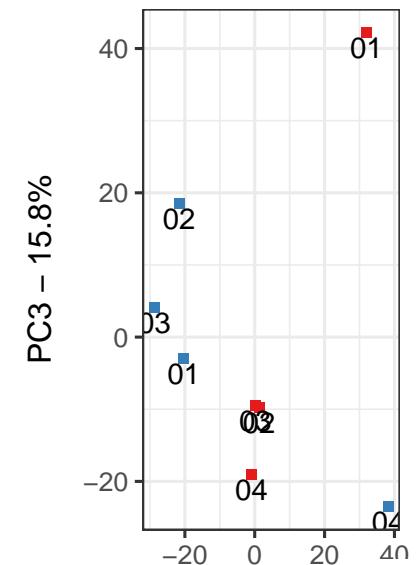
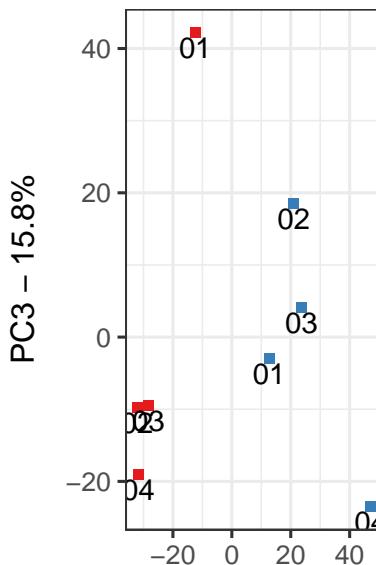
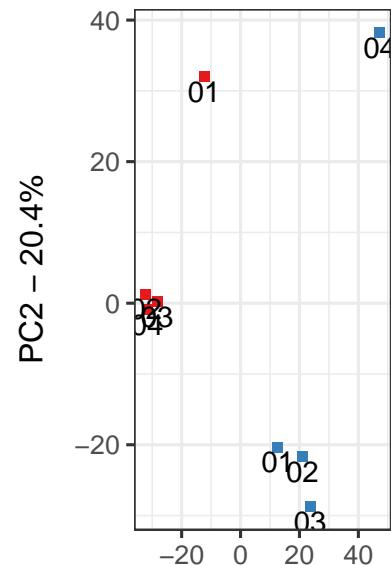


YKAF000_01 *YKAF000_02* *YKAF000_03* *YKAF000_04* *YKAF005_01* *YKAF005_02* *YKAF005_03* *YKAF005_04*

with clustering



the principal component analysis



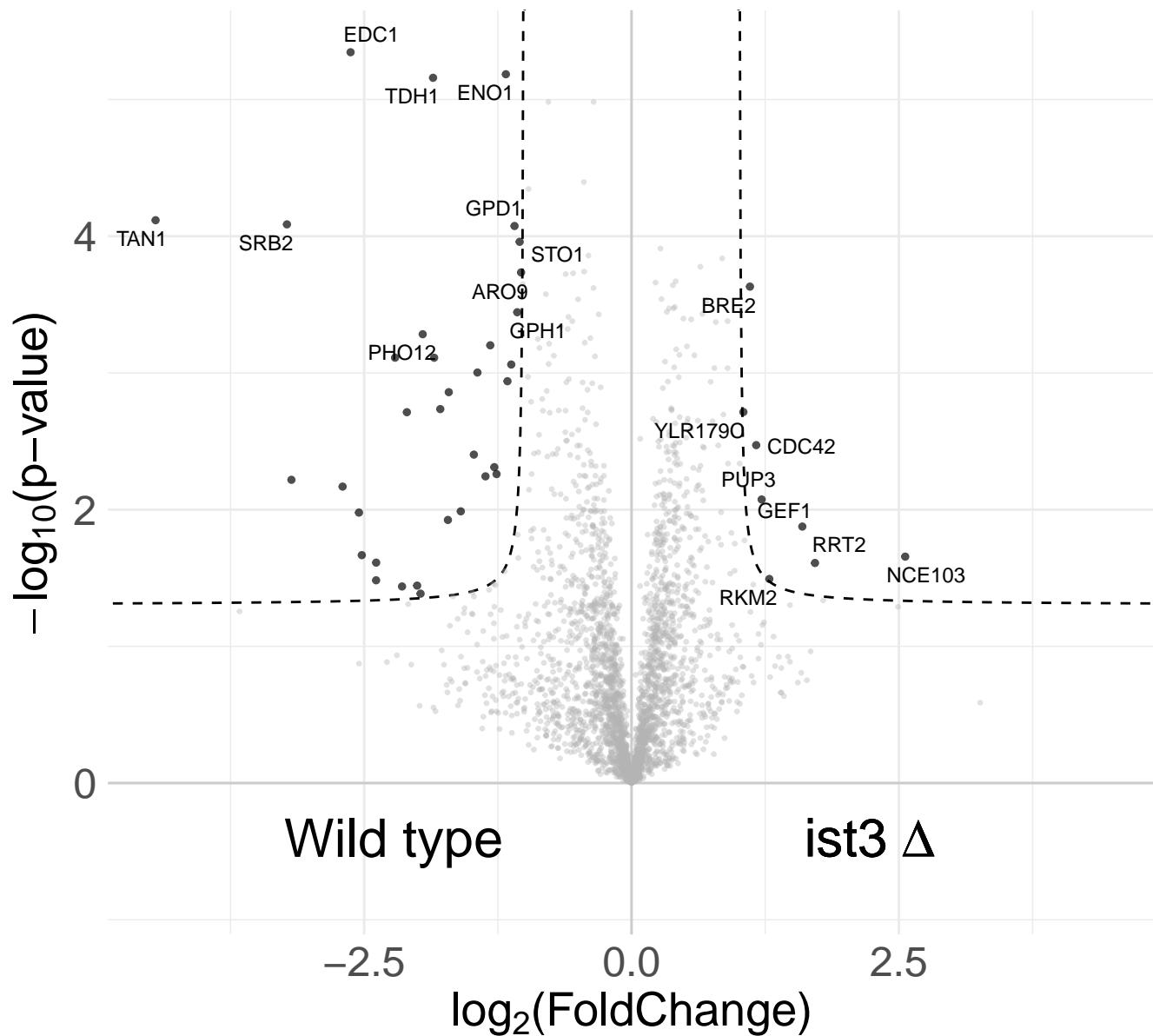
condition

- YKAFO
- YKAF0

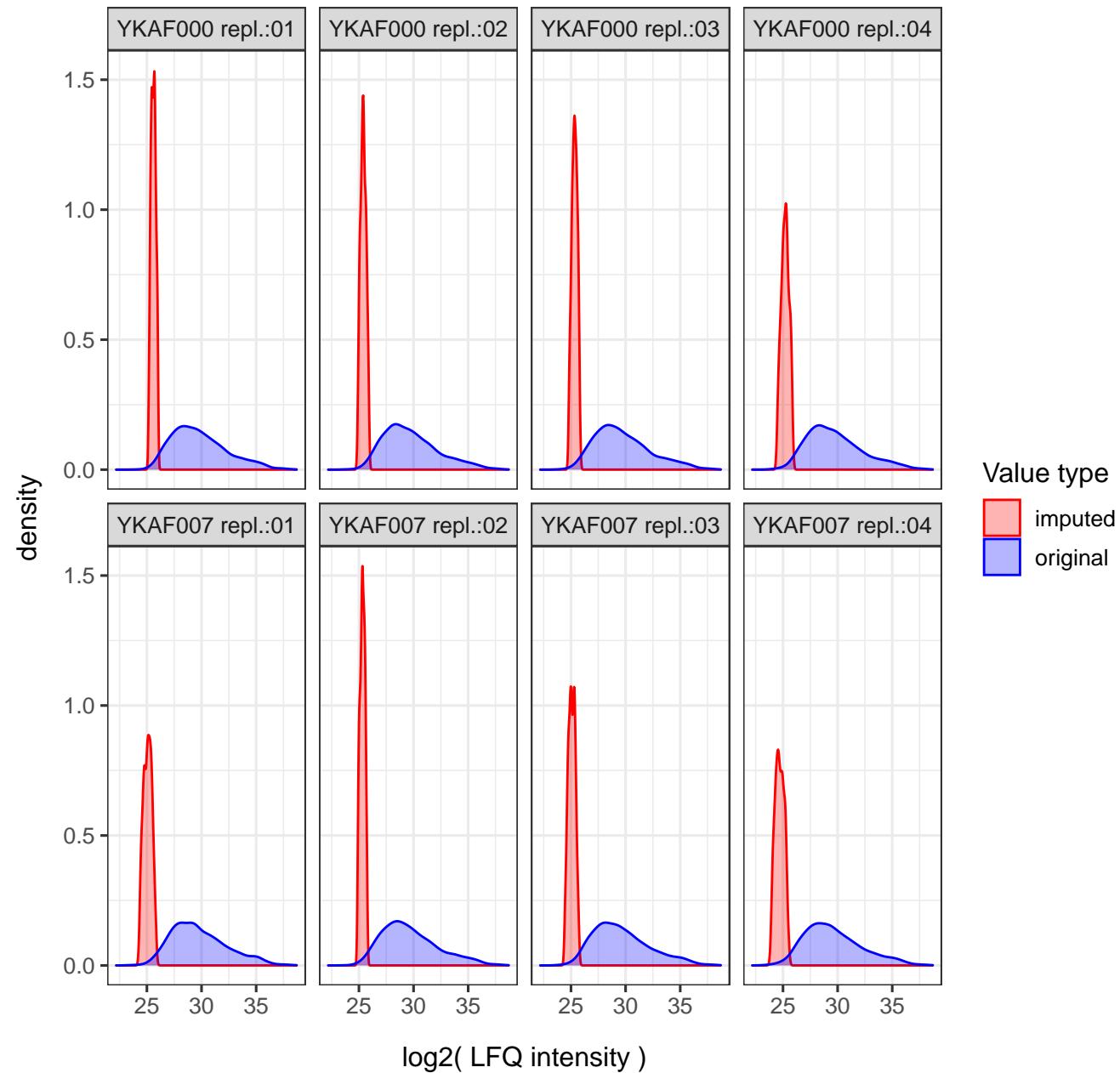
IST3 KO experiment

Volcano plot of IST3 KO against Wild type

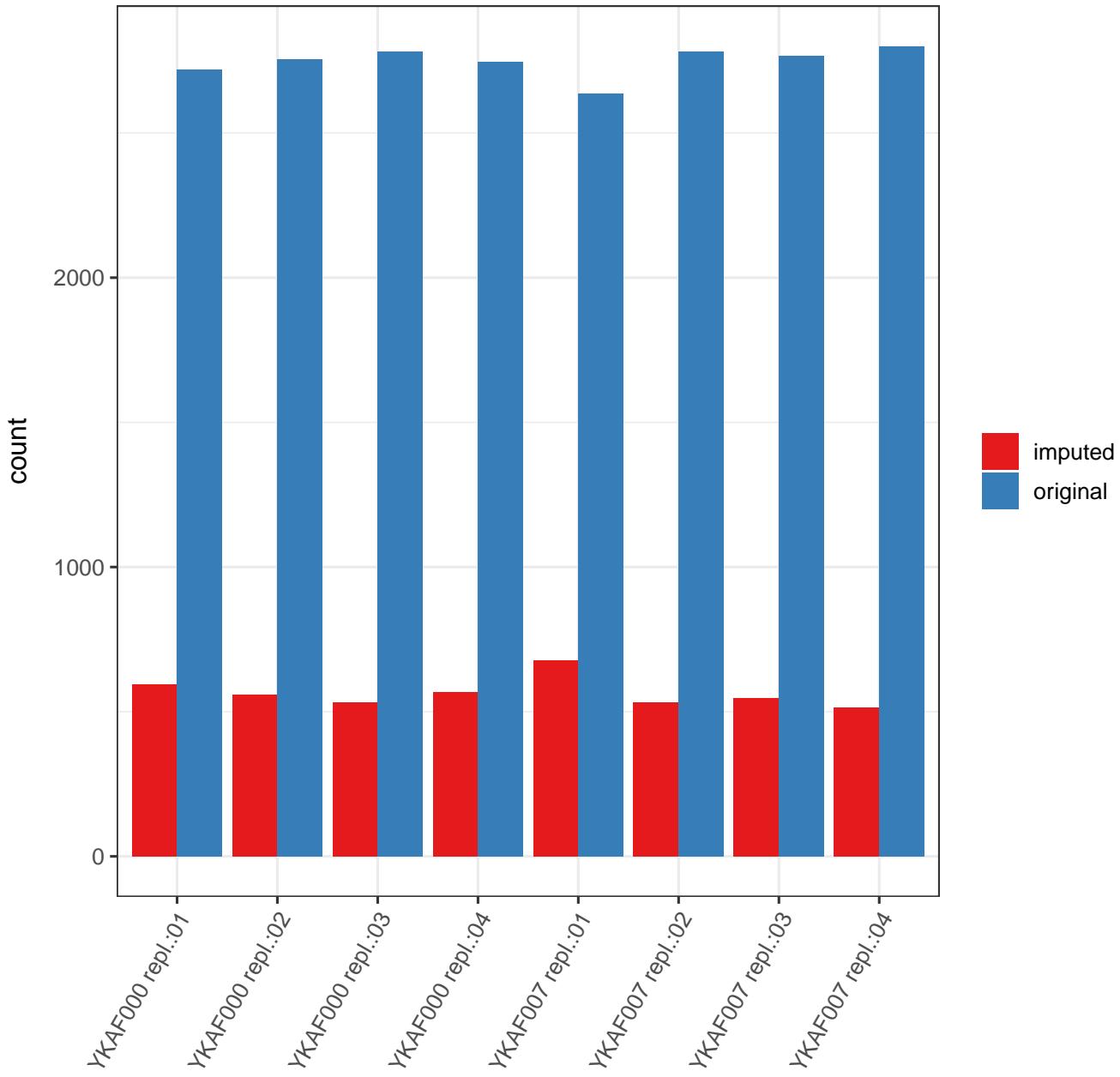
positive: 8; negative: 34; enriched: 42; background: 2895; total: 2937



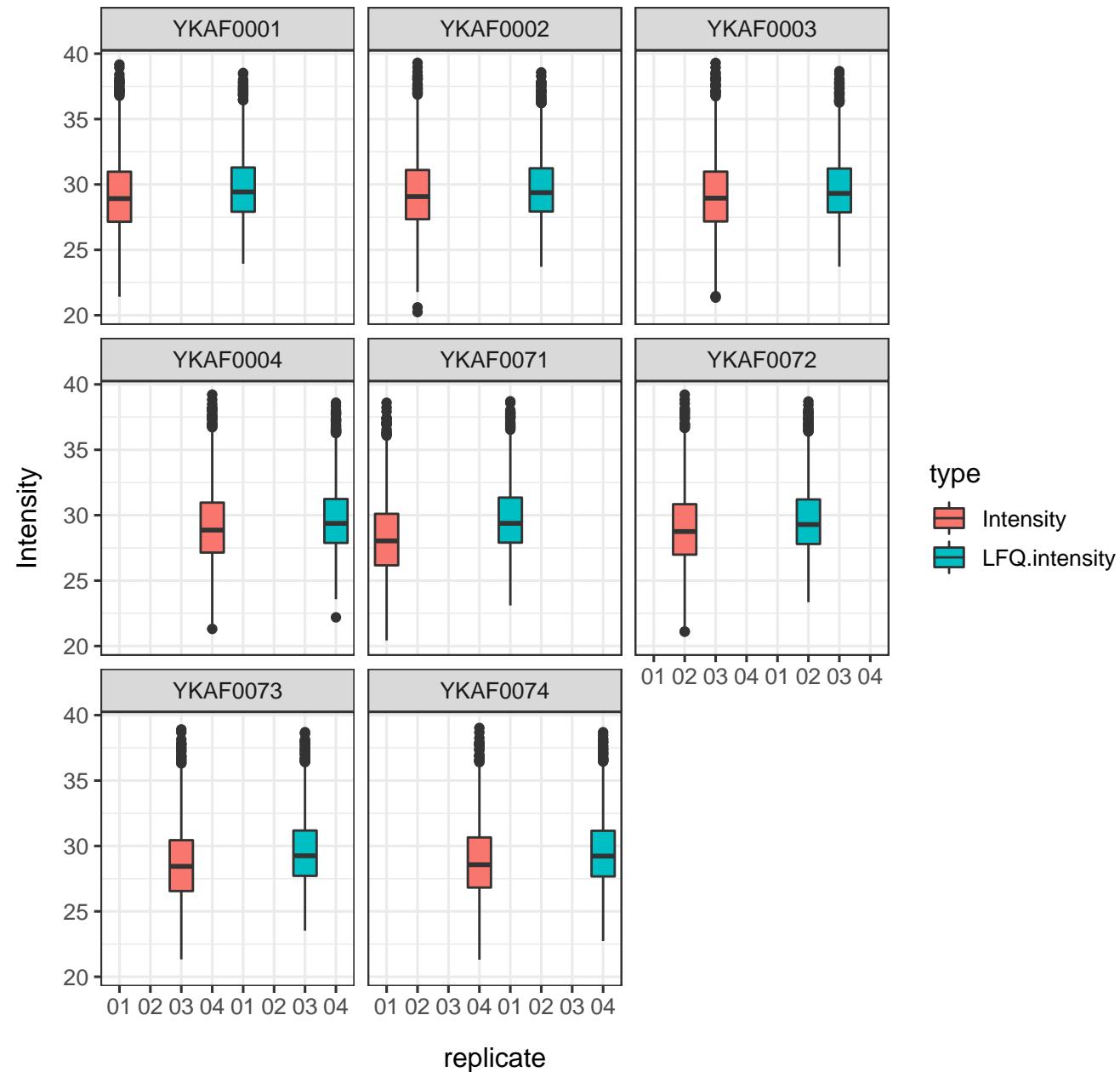
Comparison of imputed and measured values, grouped by replicate



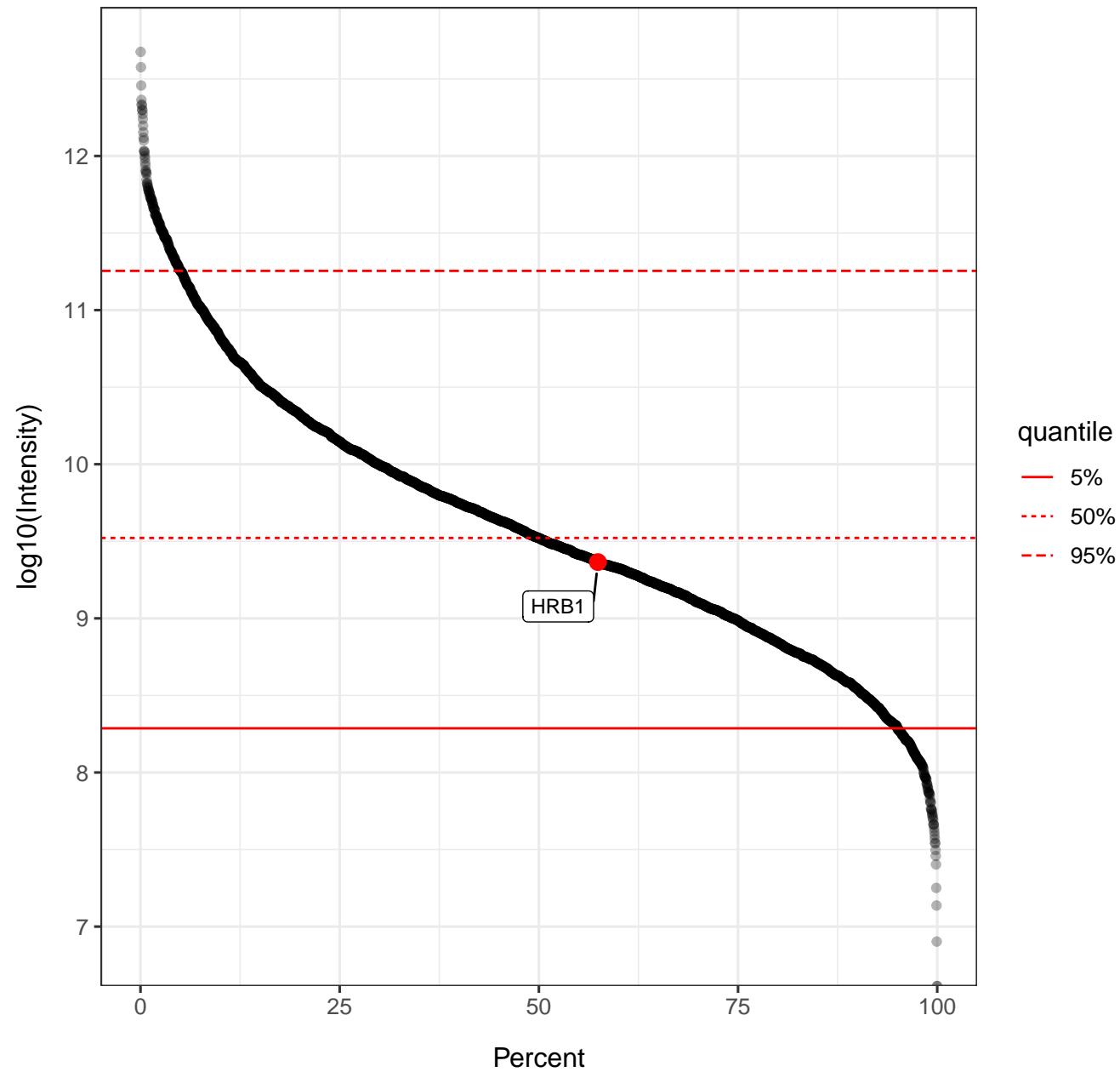
comparison imputed vs. measured



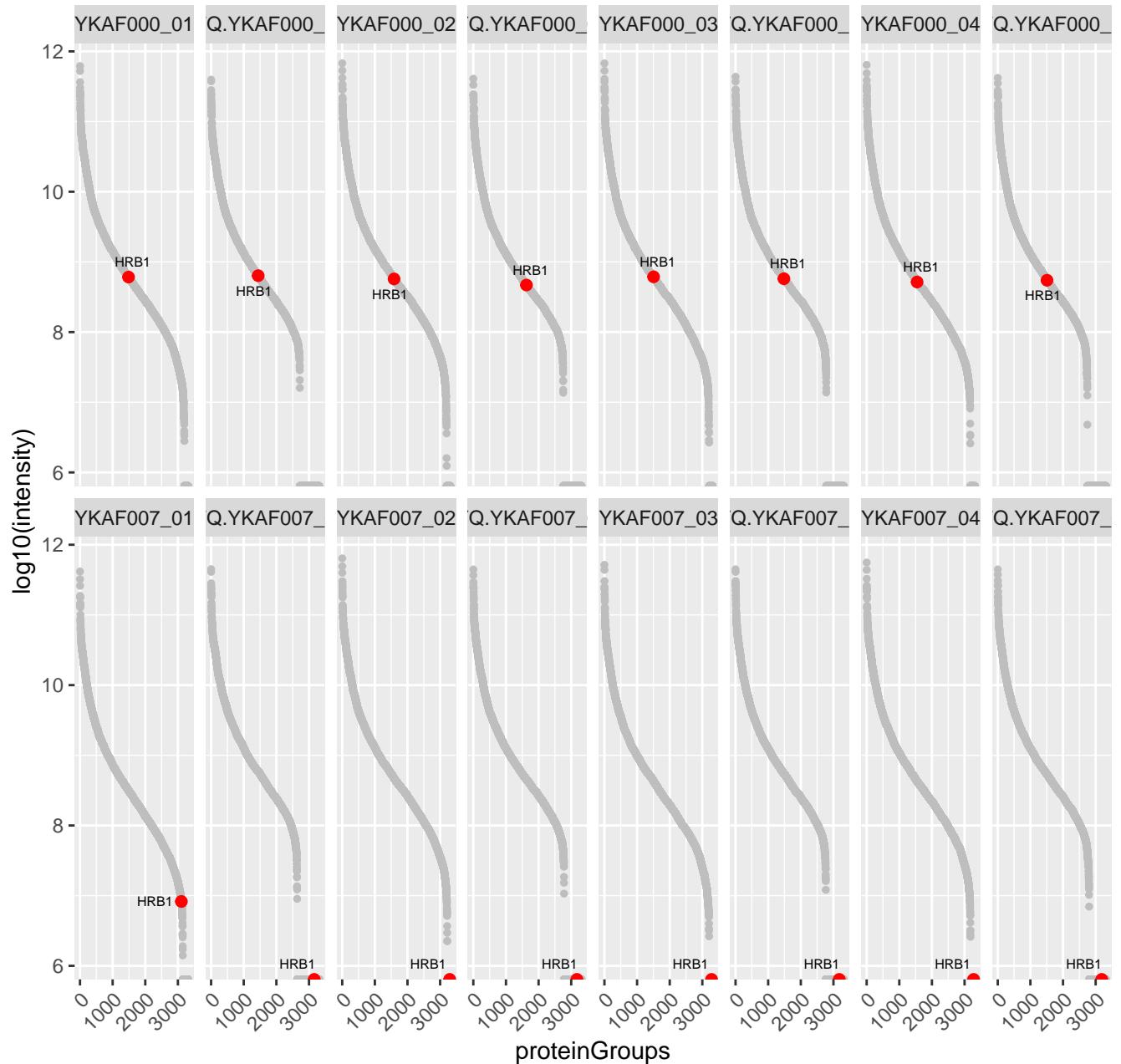
Intensity vs. LFQ Intensity w/o imputed



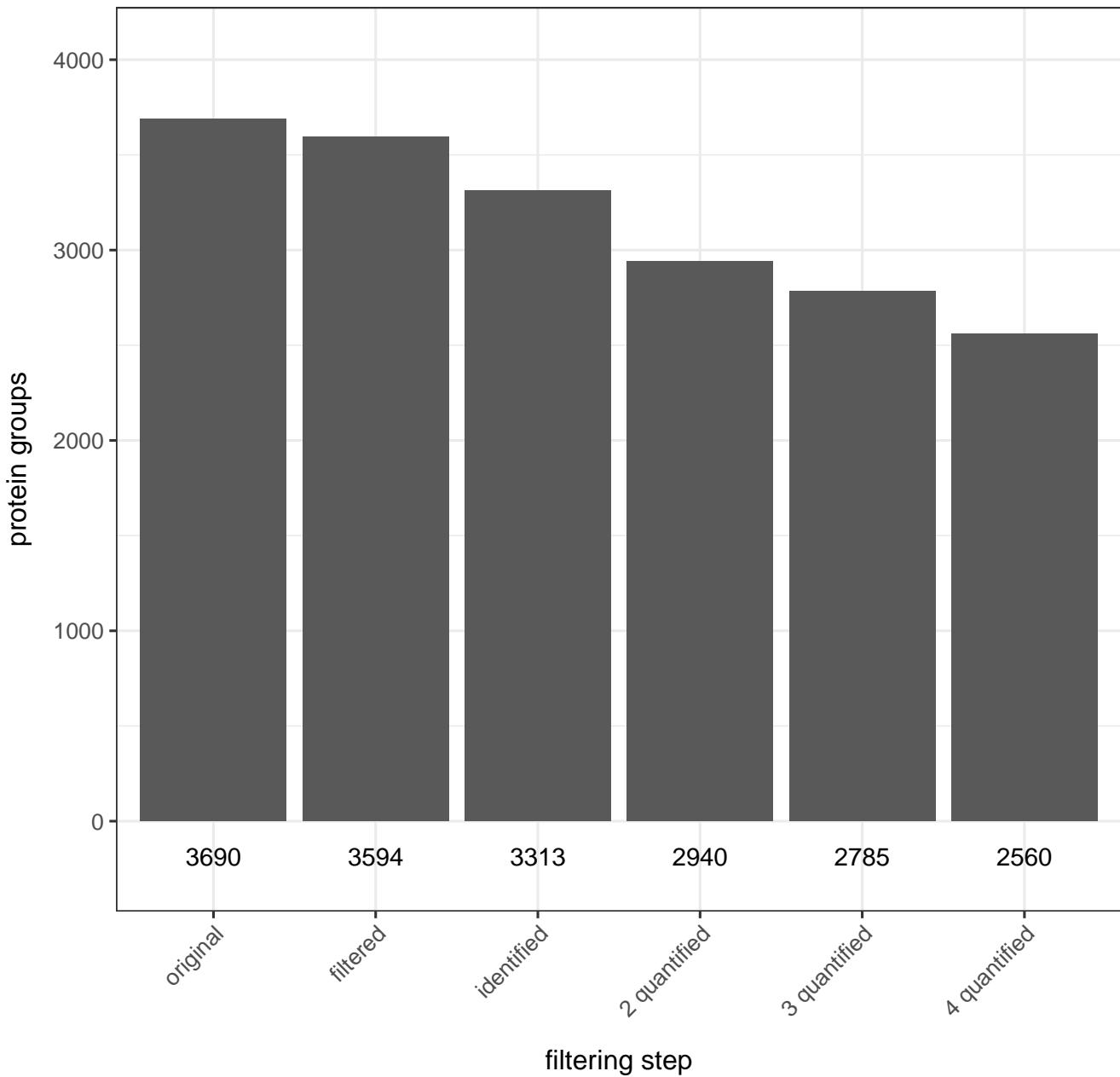
90% of the intensities change in 3.0 orders or magnitude



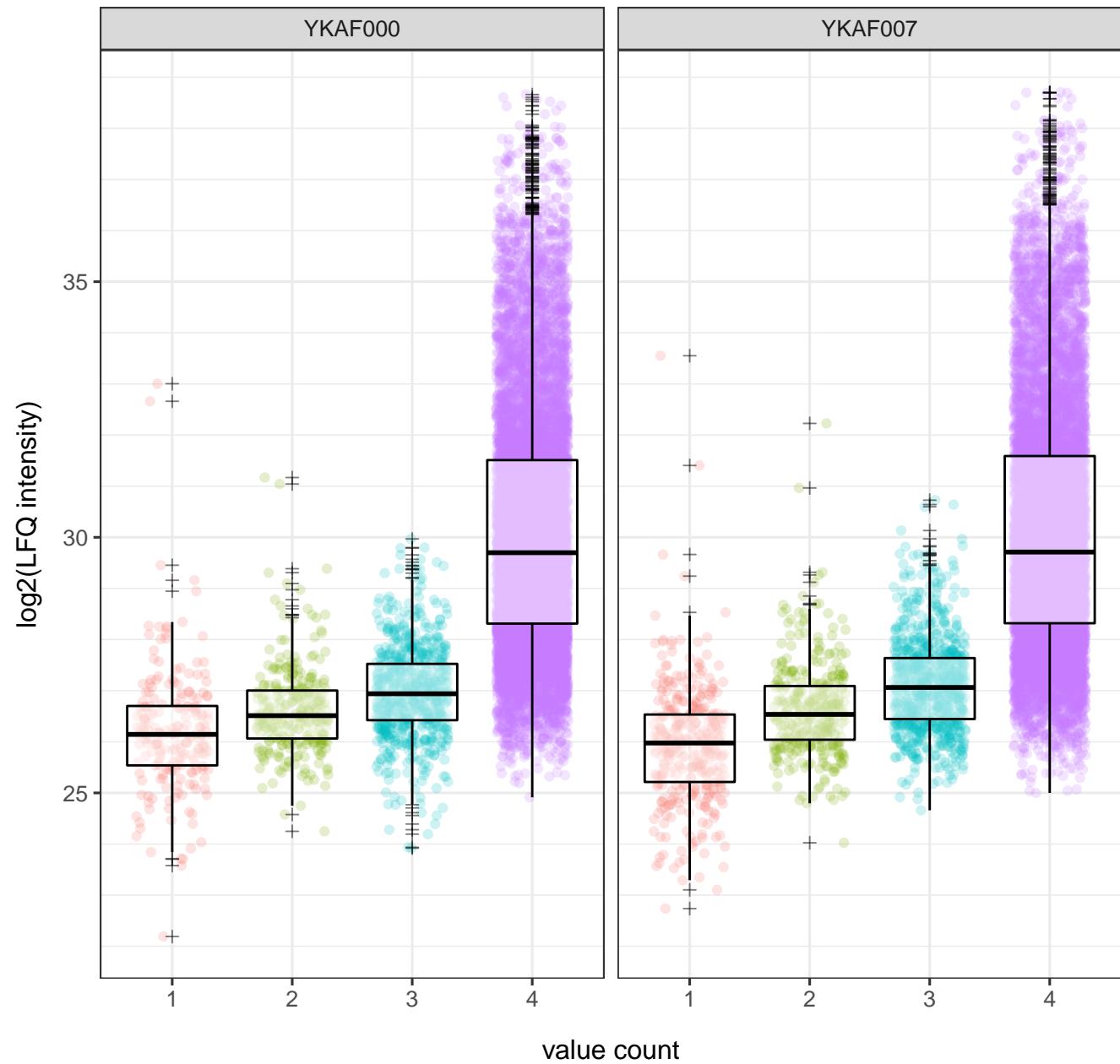
Protein abundance per replicate of LFQ values

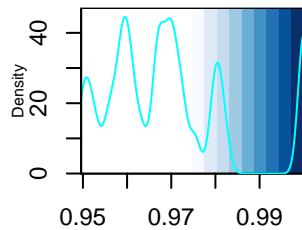


protein groups after each filtering step



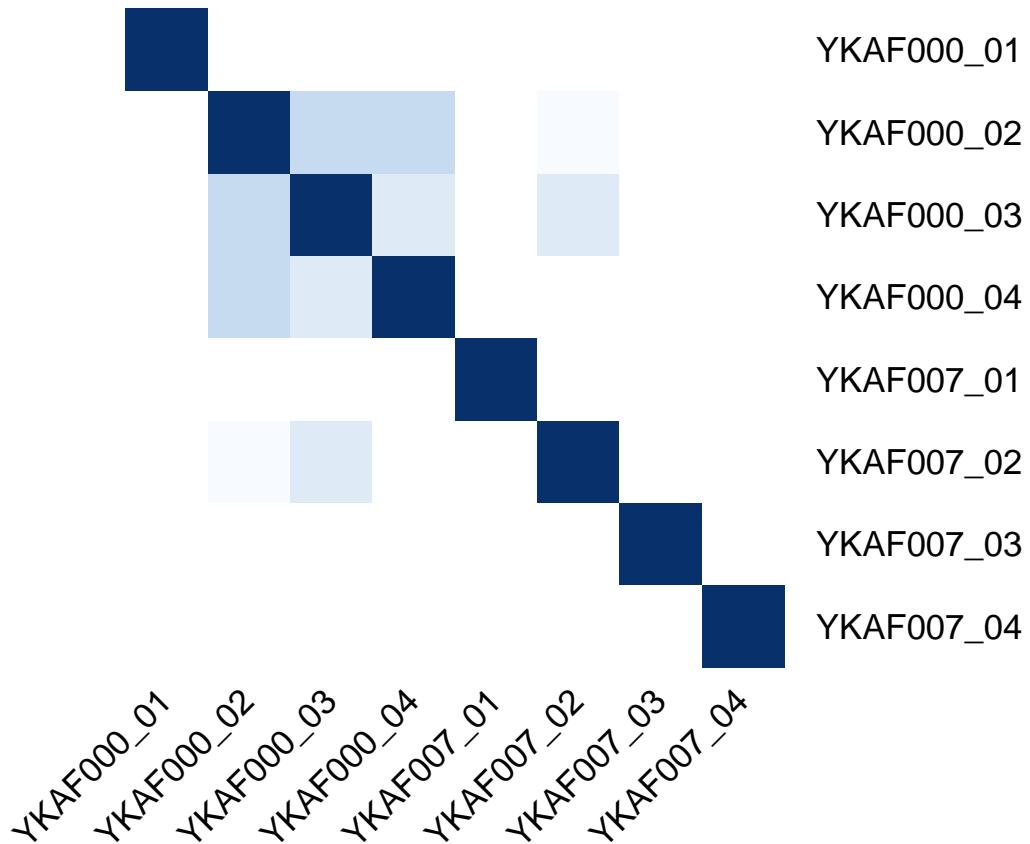
Measured intensity grouped by value counts

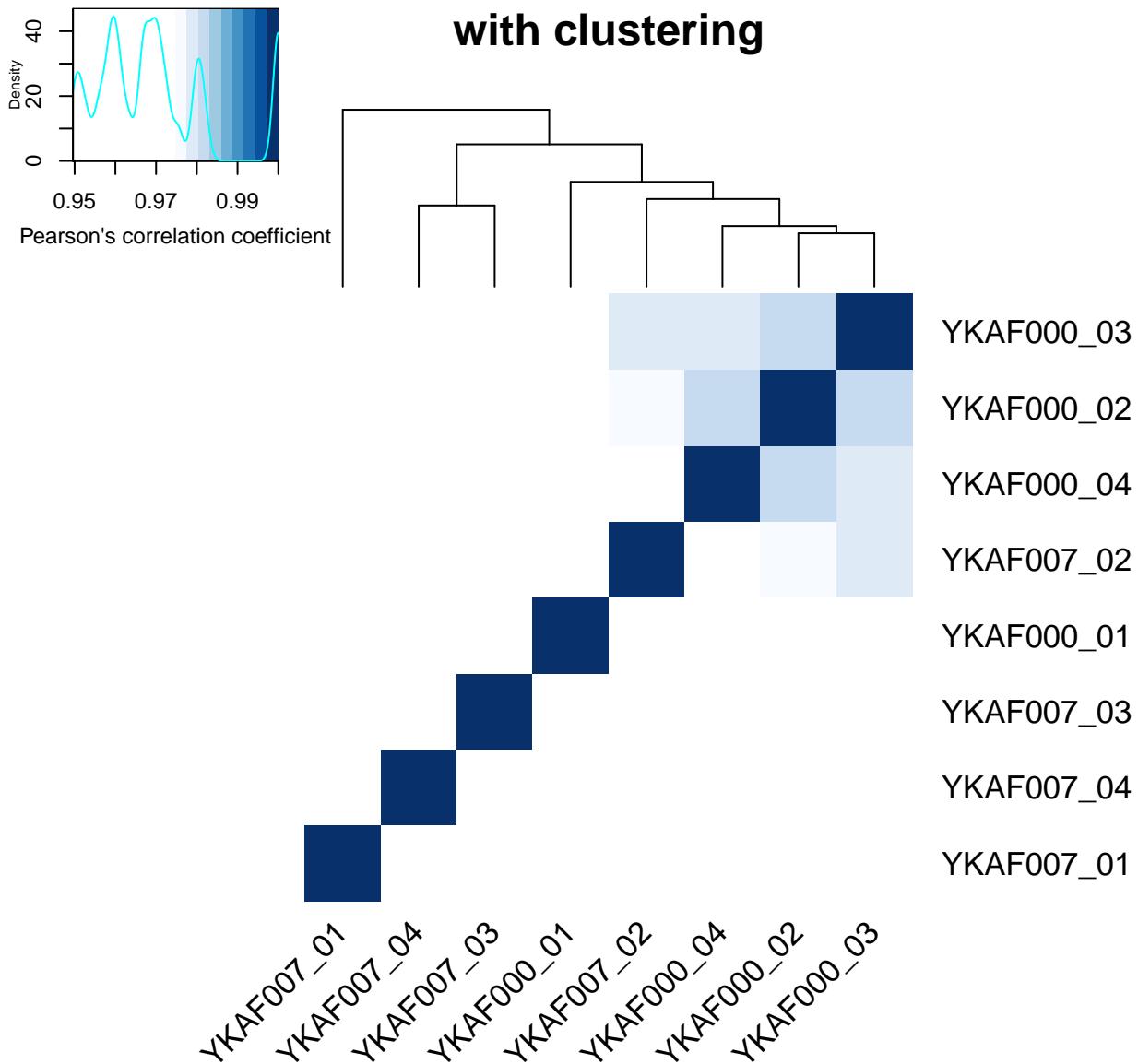




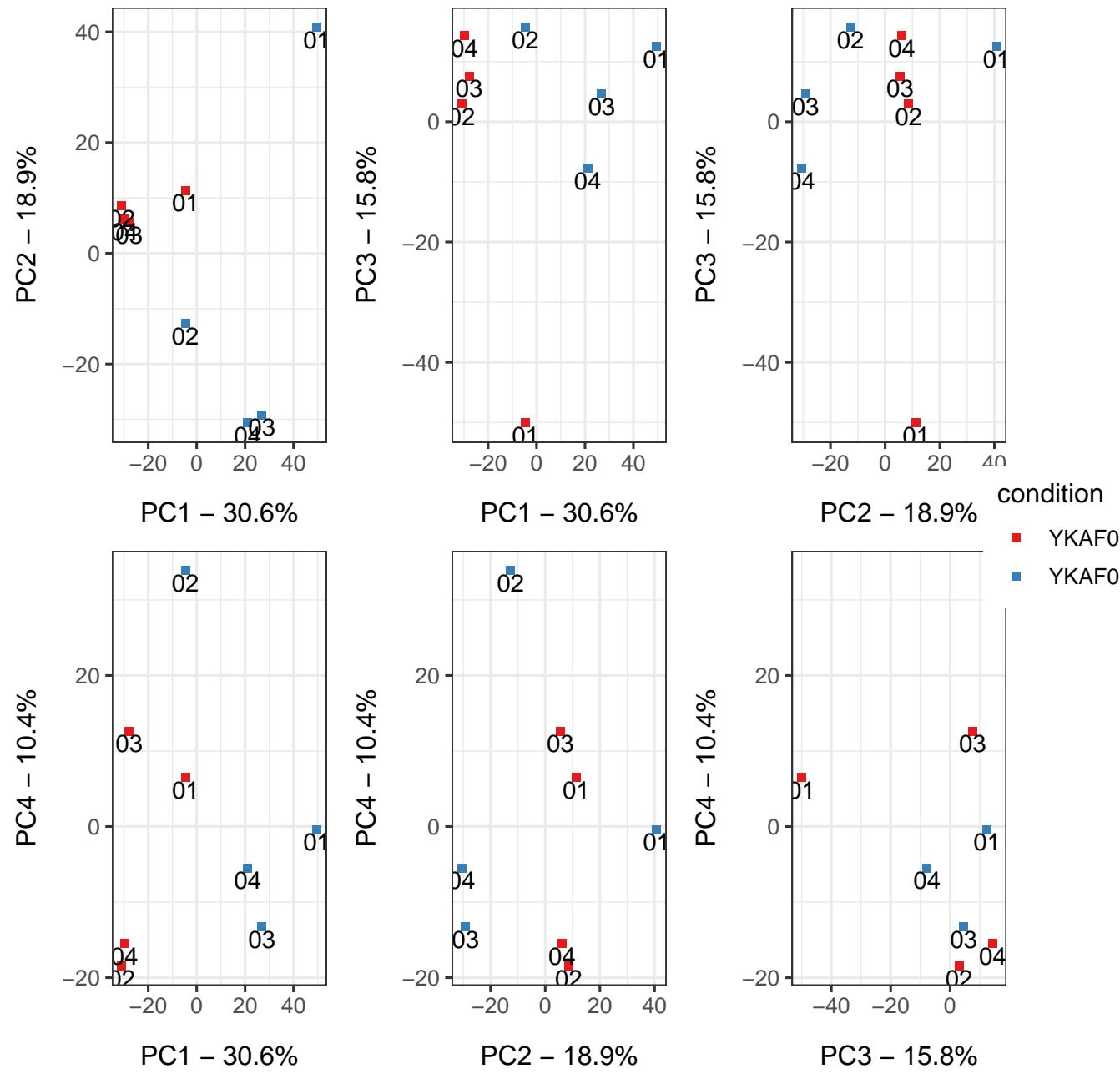
correlation between replicates

Pearson's correlation coefficient





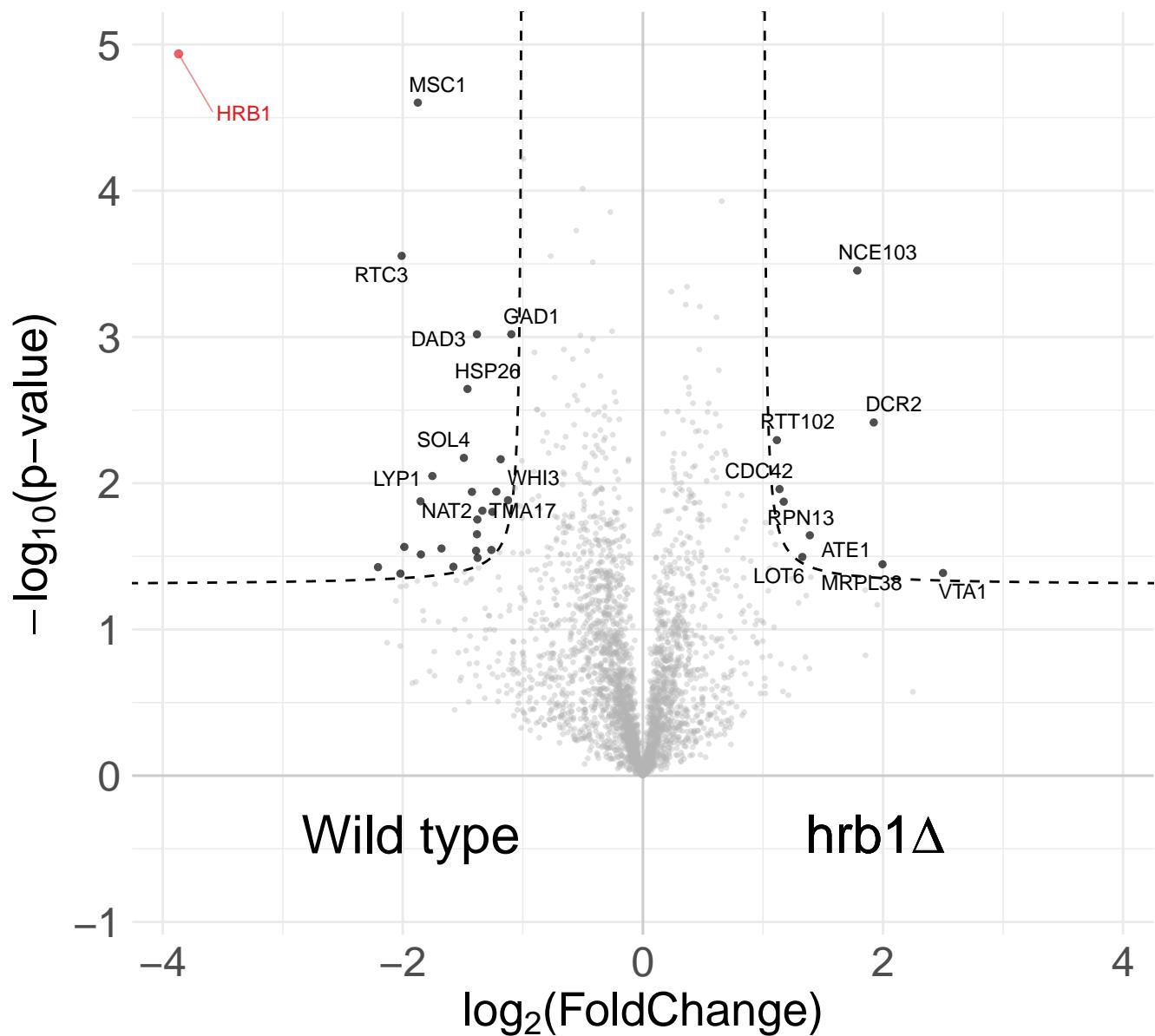
the principal component analysis



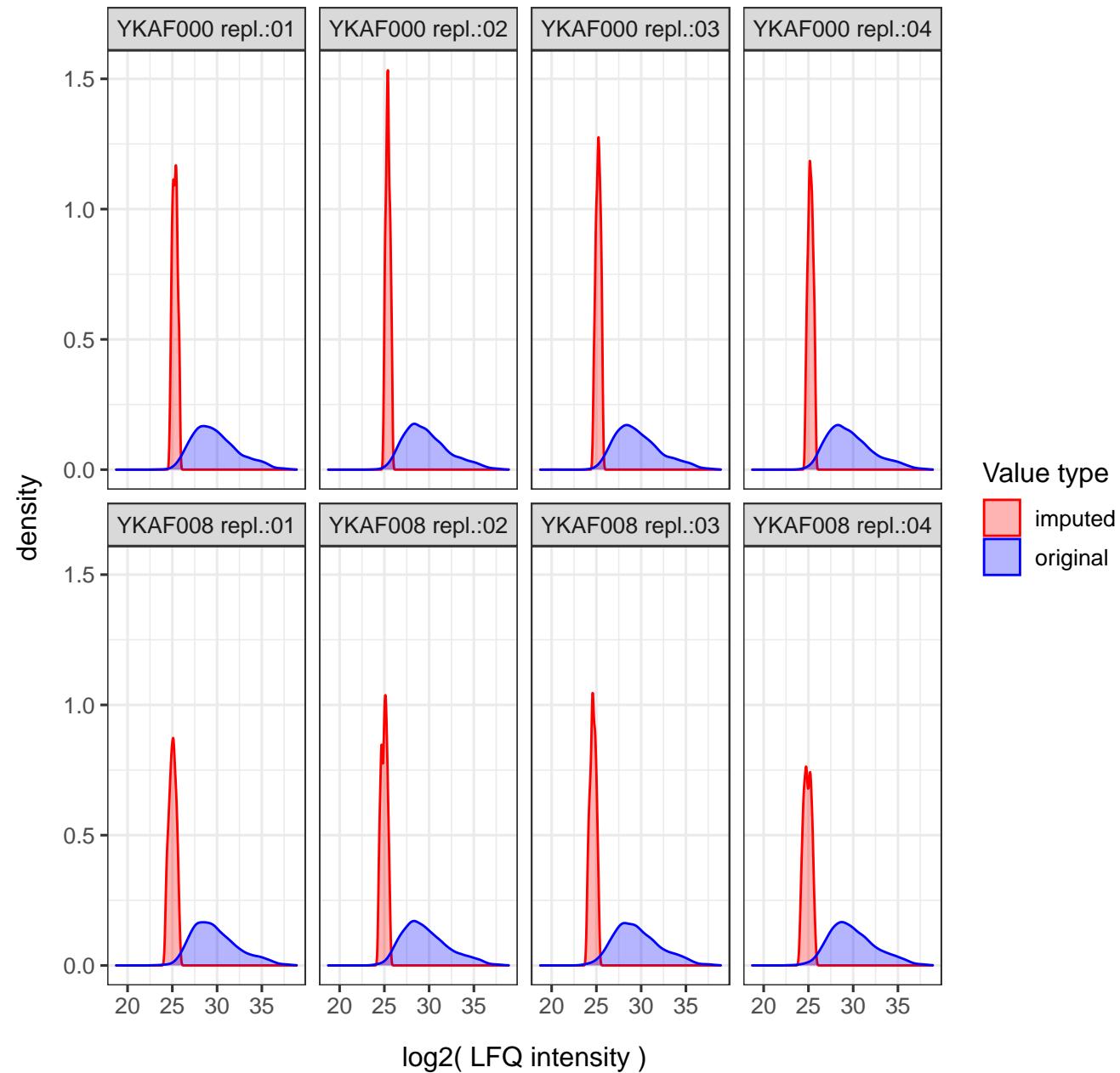
HRB1 KO experiment

Volcano plot of HRB1 KO against Wild type

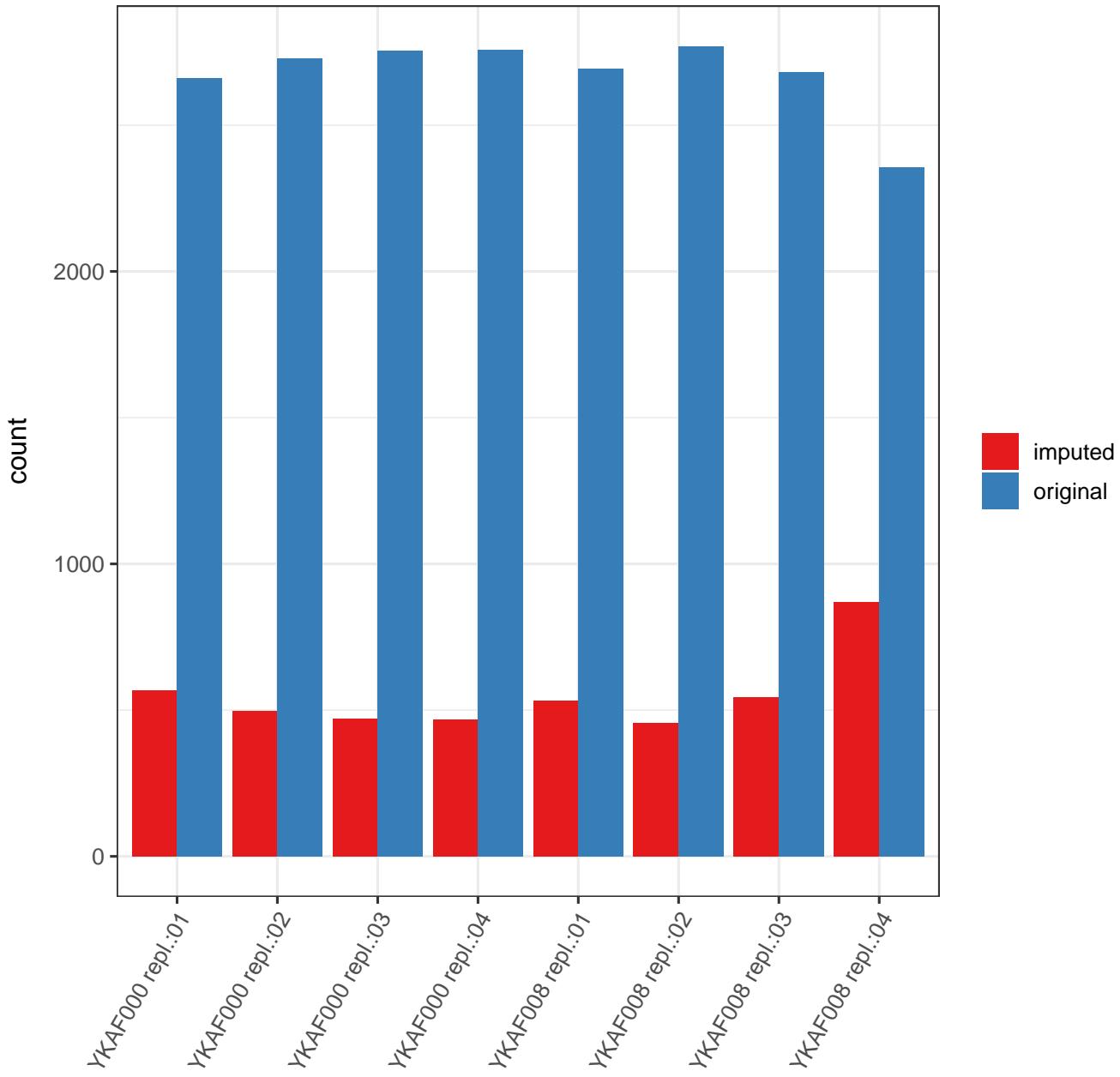
positive: 9; negative: 26; enriched: 35; background: 2905; total: 2940



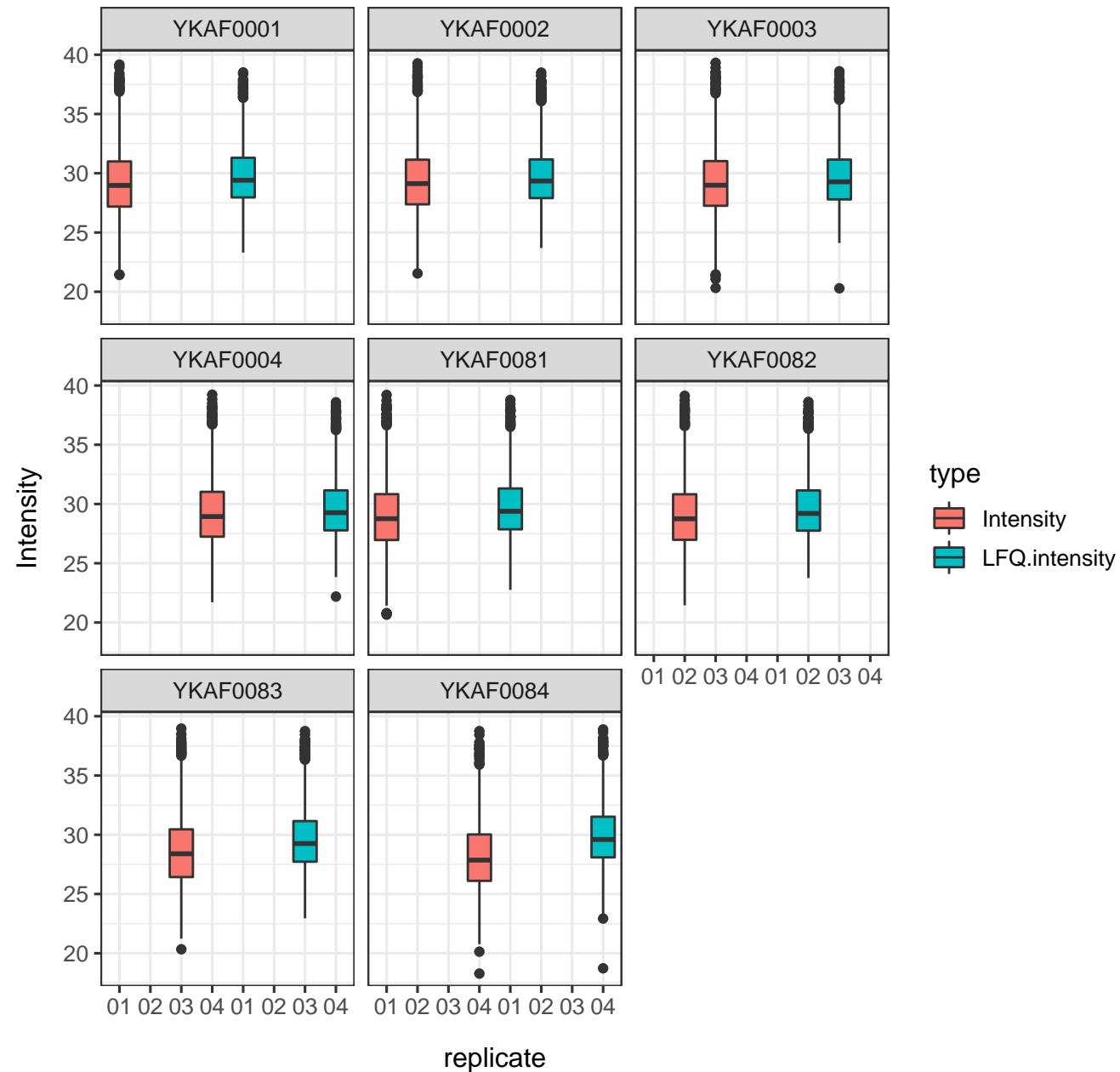
Comparison of imputed and measured values, grouped by replicate



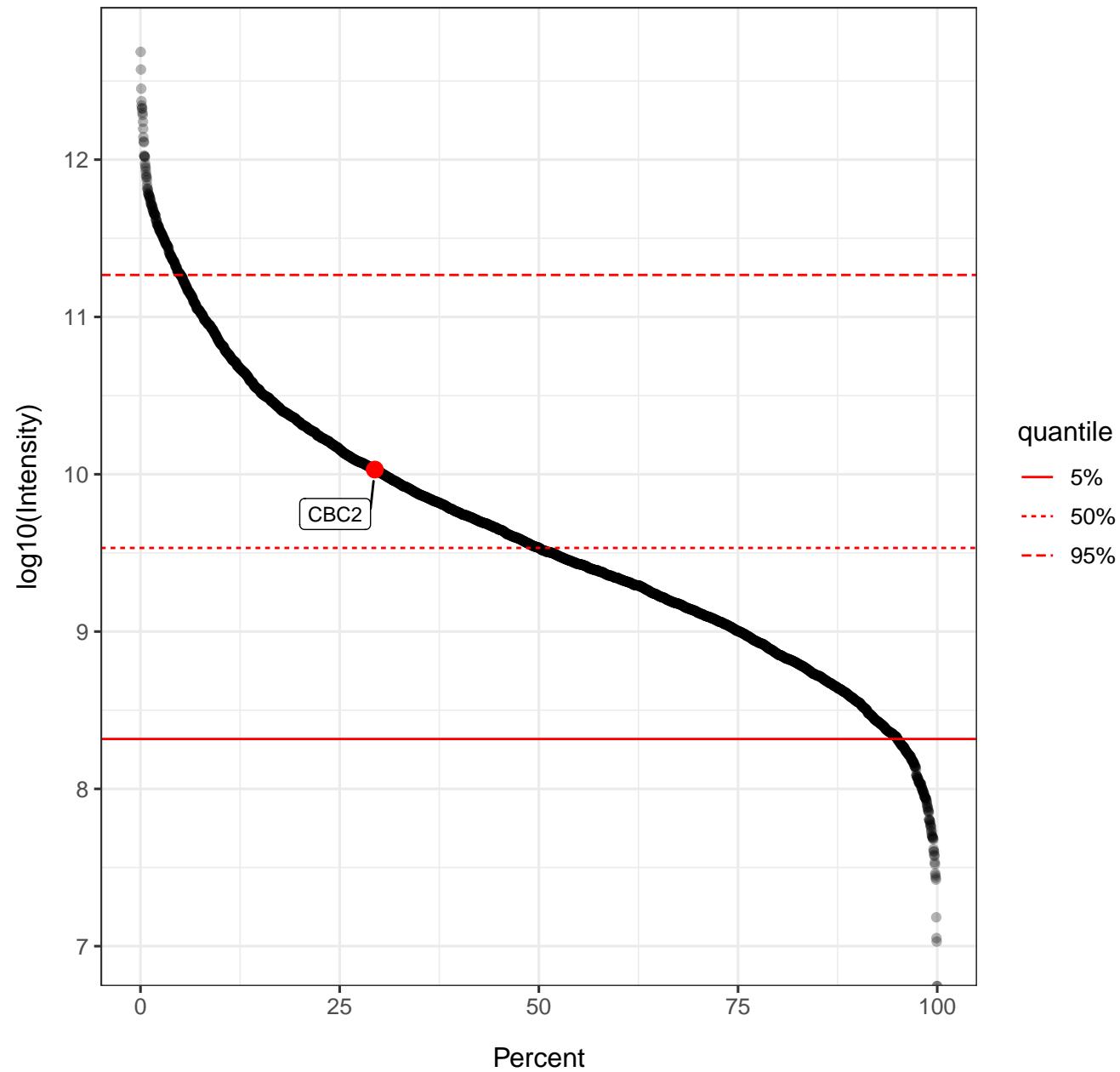
comparison imputed vs. measured



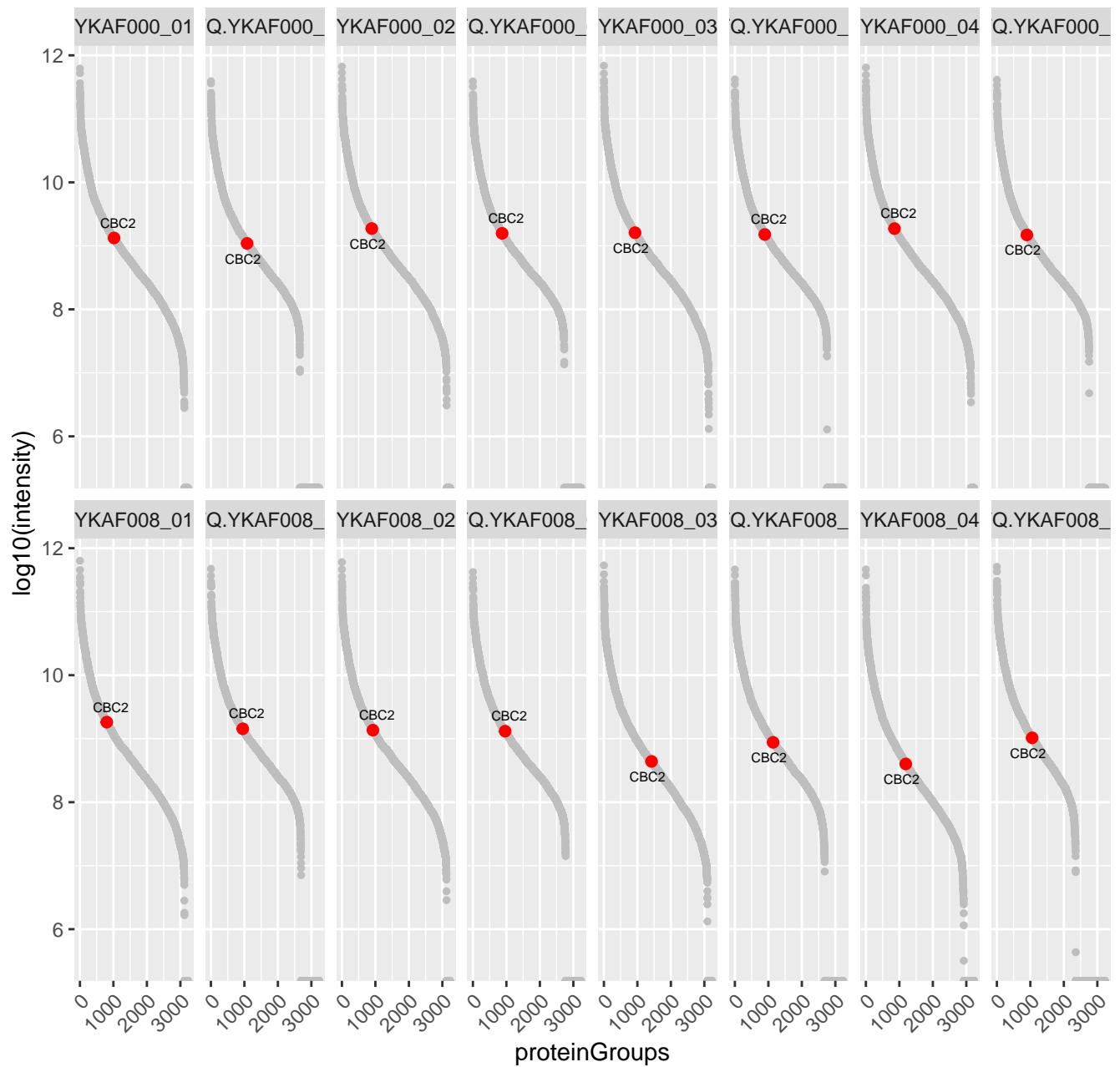
Intensity vs. LFQ Intensity w/o imputed



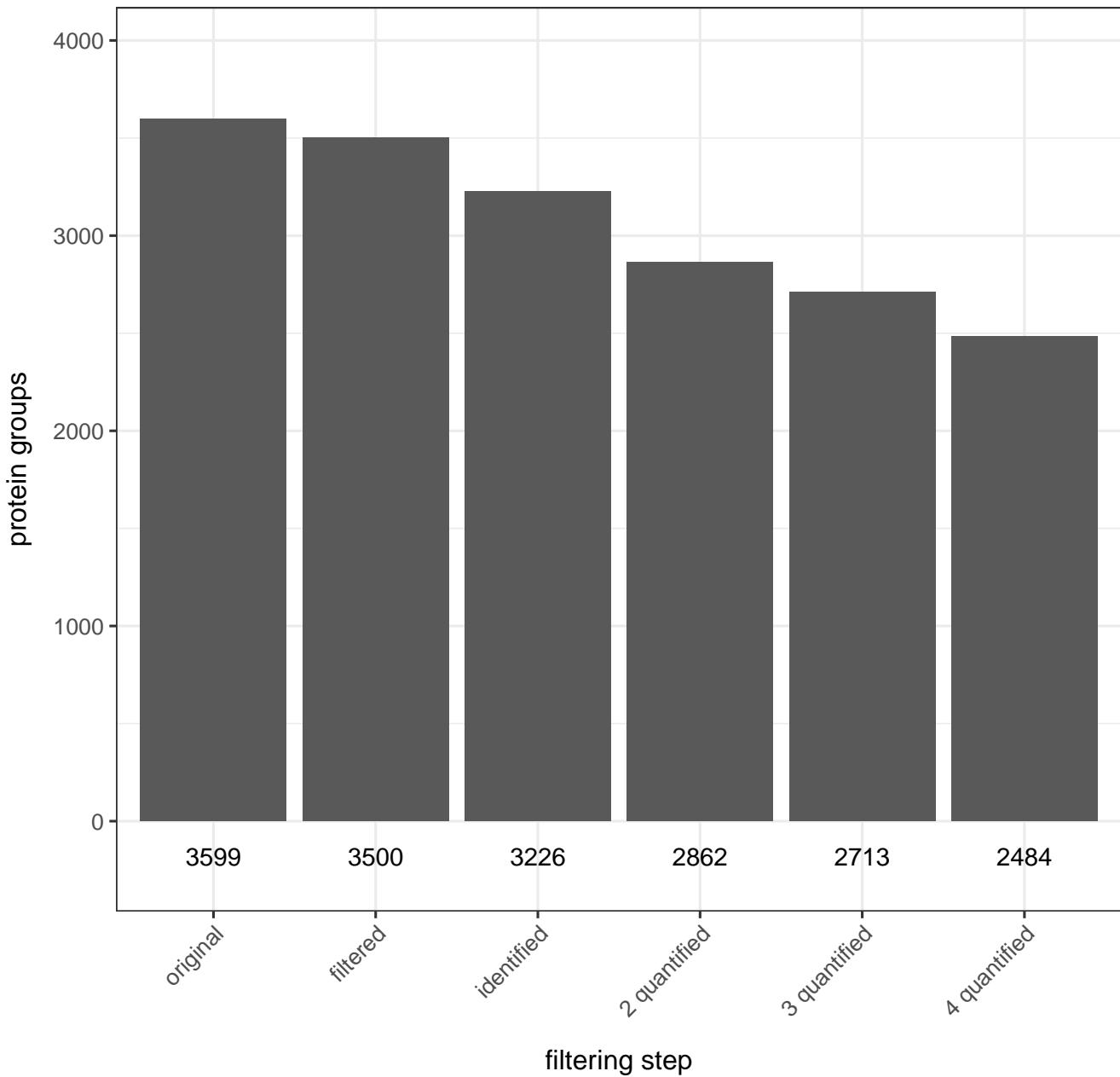
90% of the intensities change in 2.9 orders or magnitude



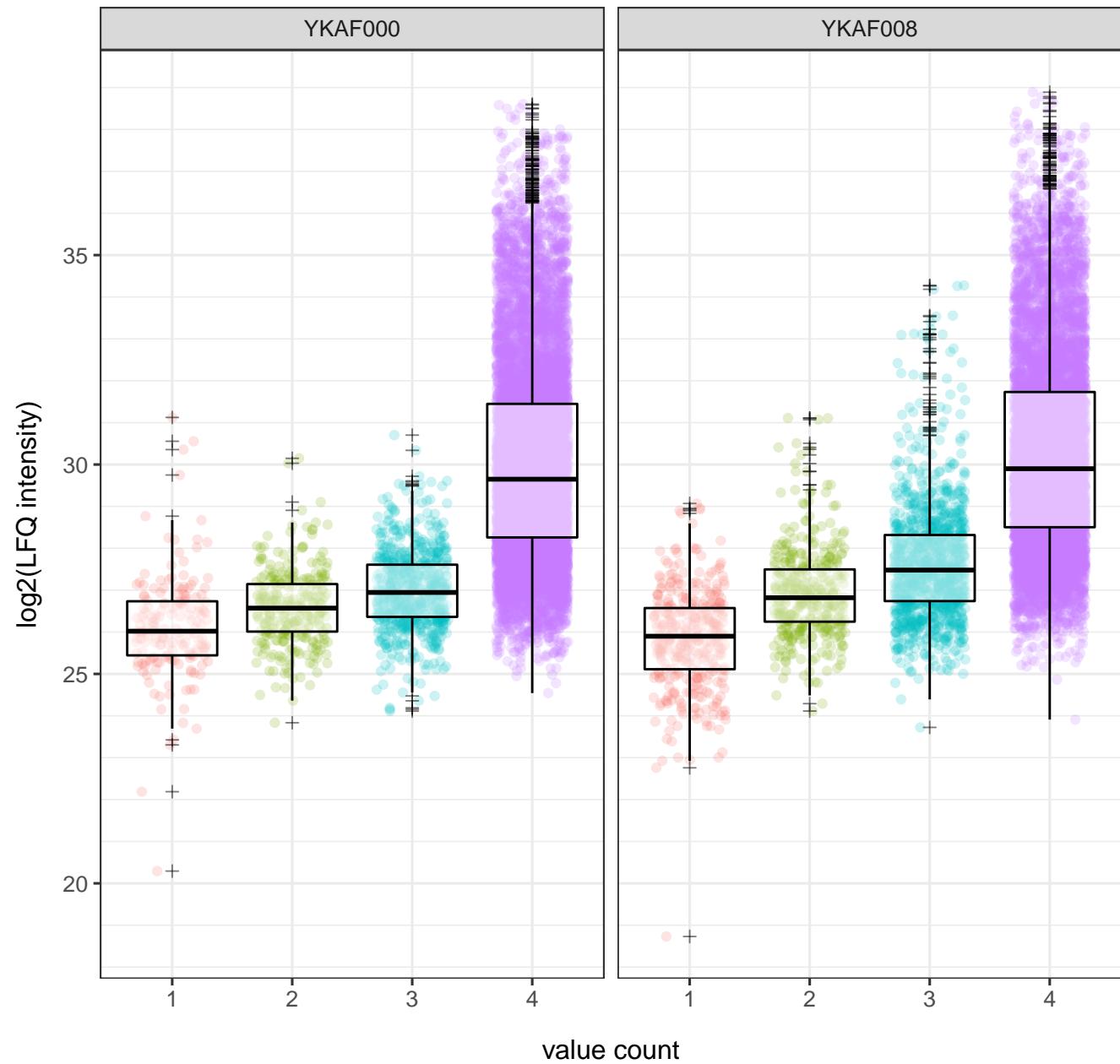
Protein abundance per replicate of LFQ values

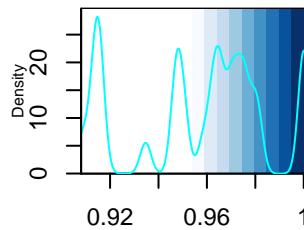


protein groups after each filtering step



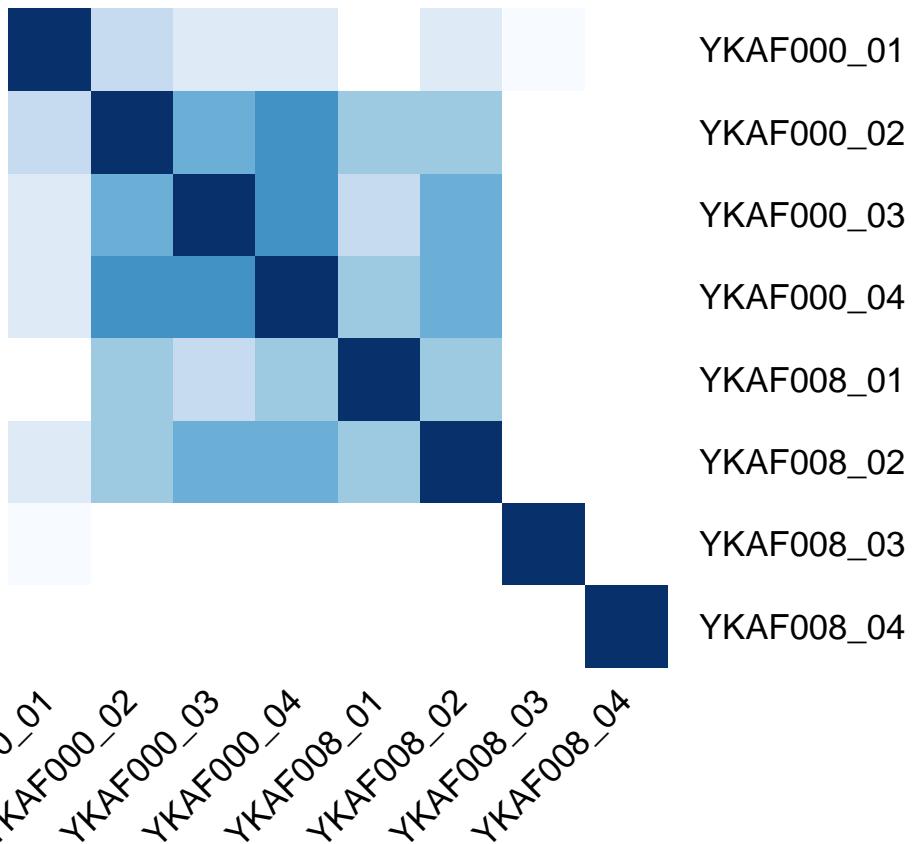
Measured intensity grouped by value counts

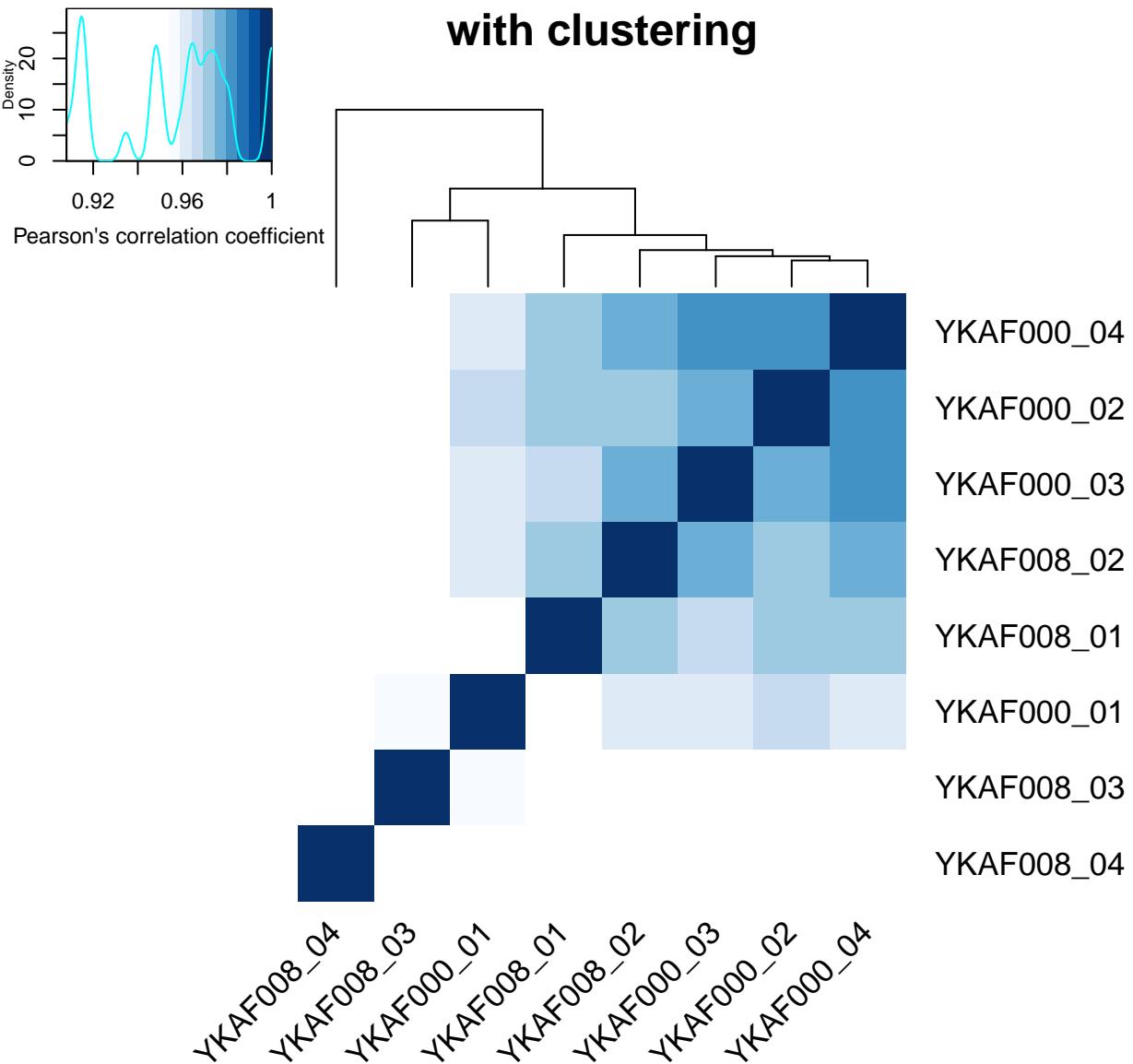




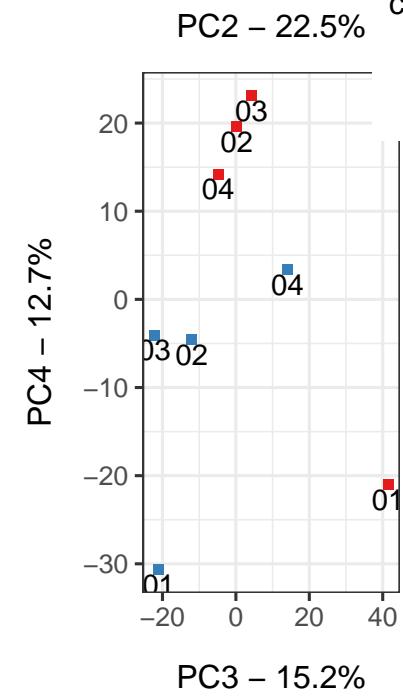
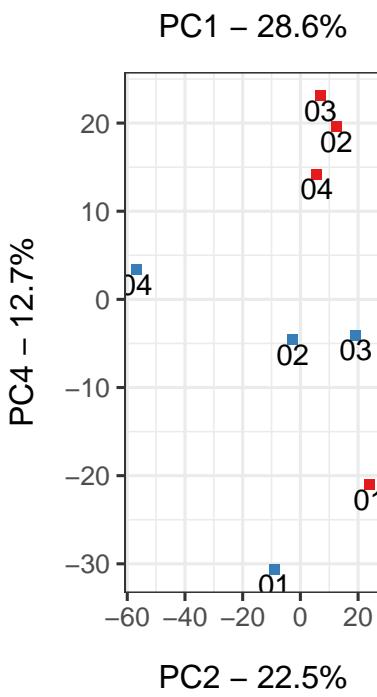
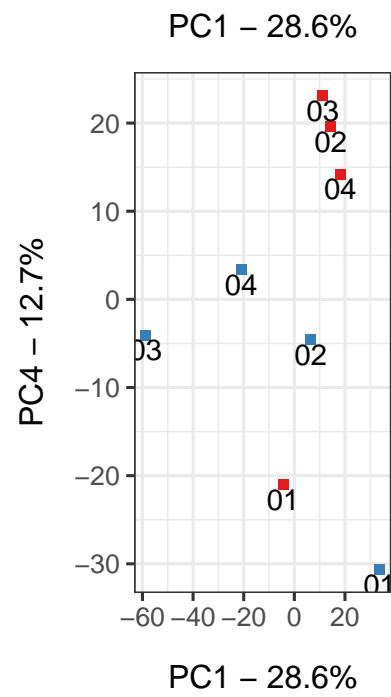
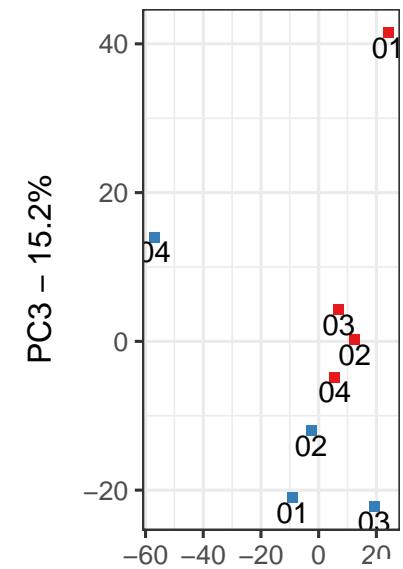
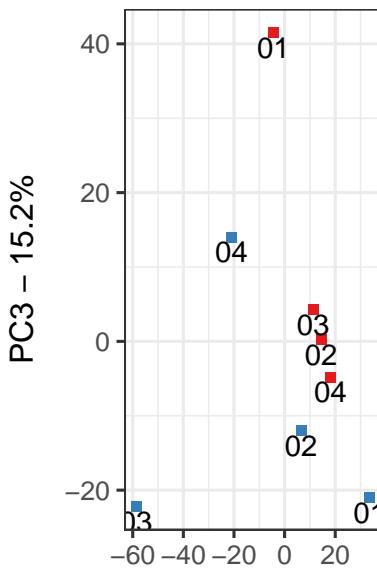
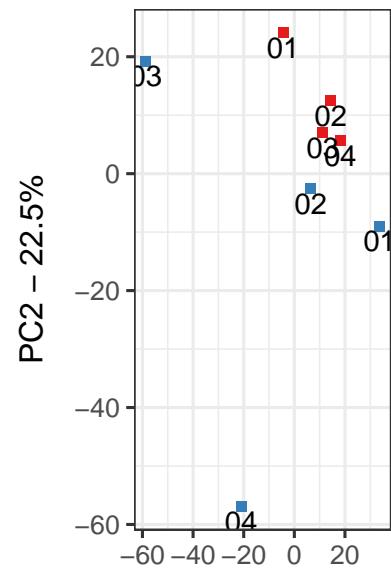
correlation between replicates

Pearson's correlation coefficient





the principal component analysis



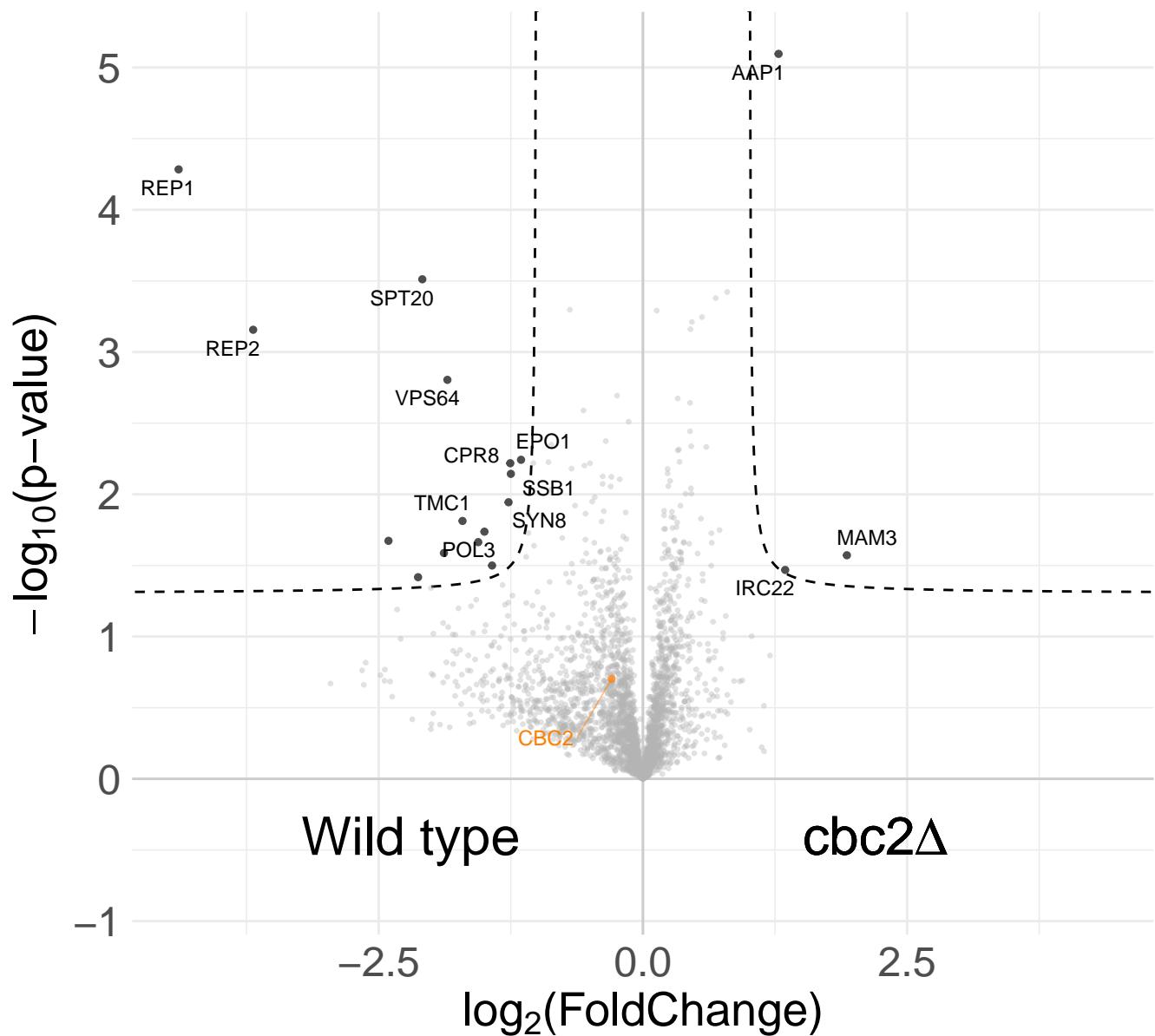
condition

- YKAF01
- YKAF04

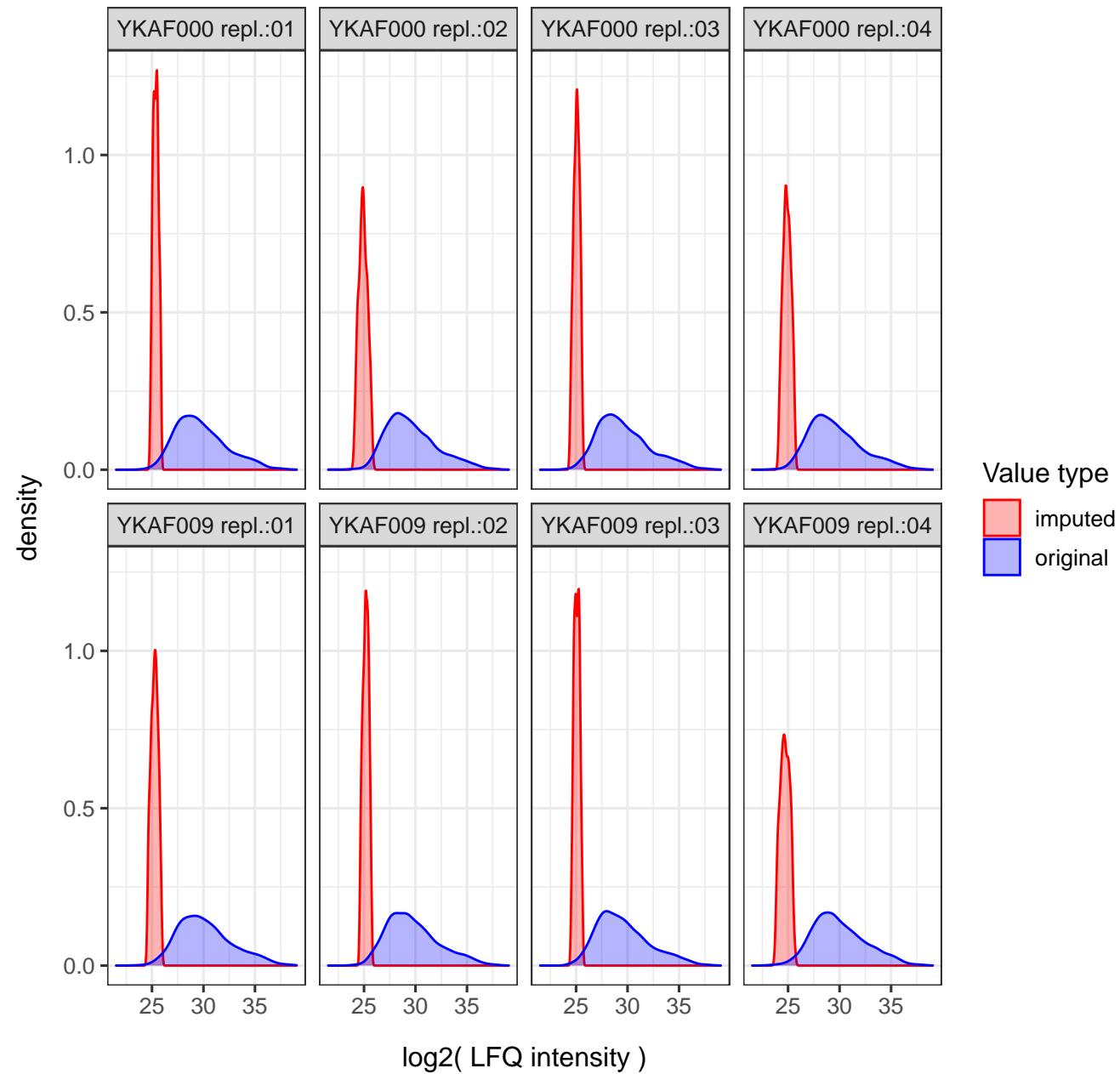
CBC2 KO experiment

Volcano plot of CBC2 KO against Wild type

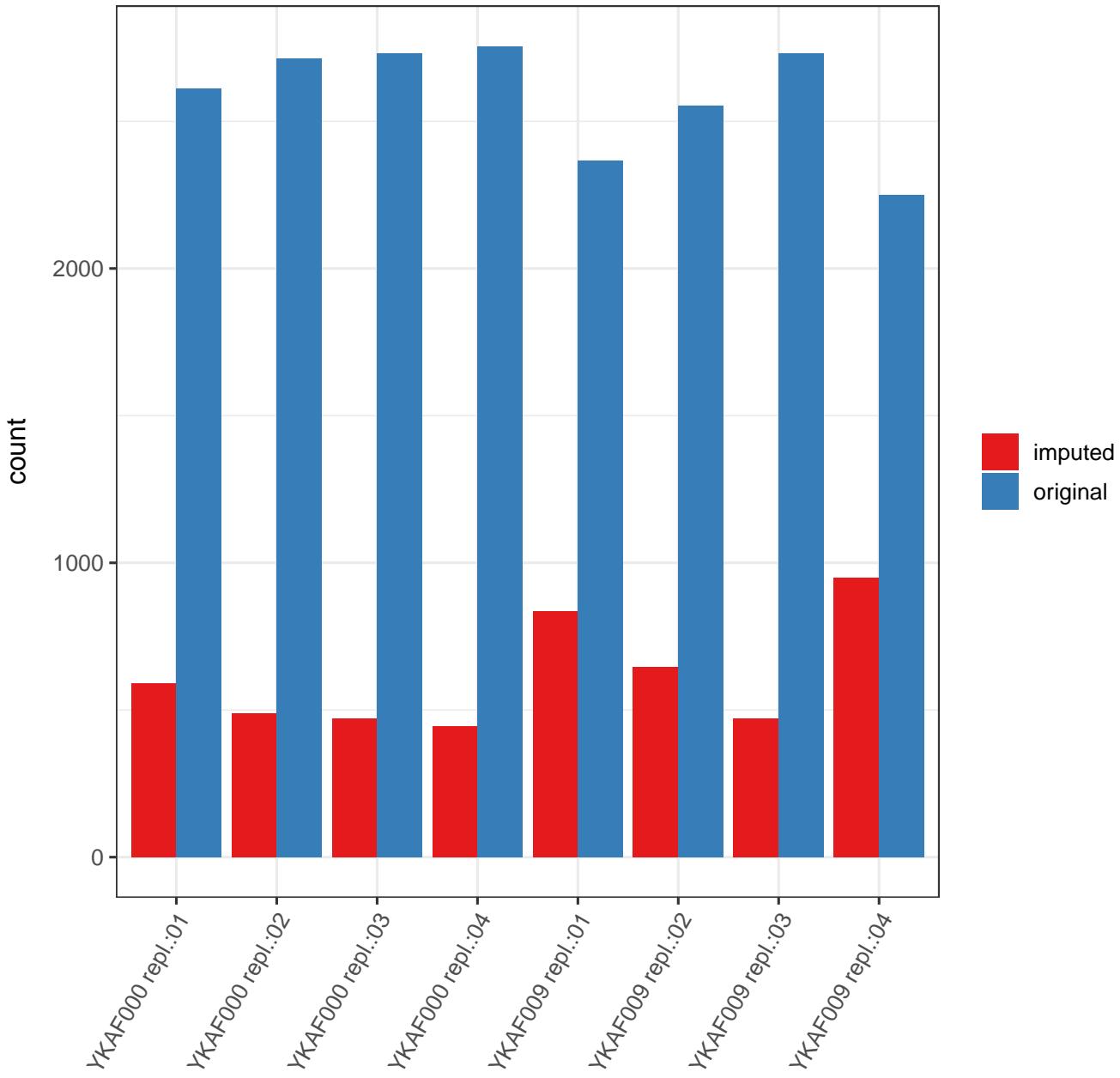
positive: 3; negative: 15; enriched: 18; background: 2844; total: 2862



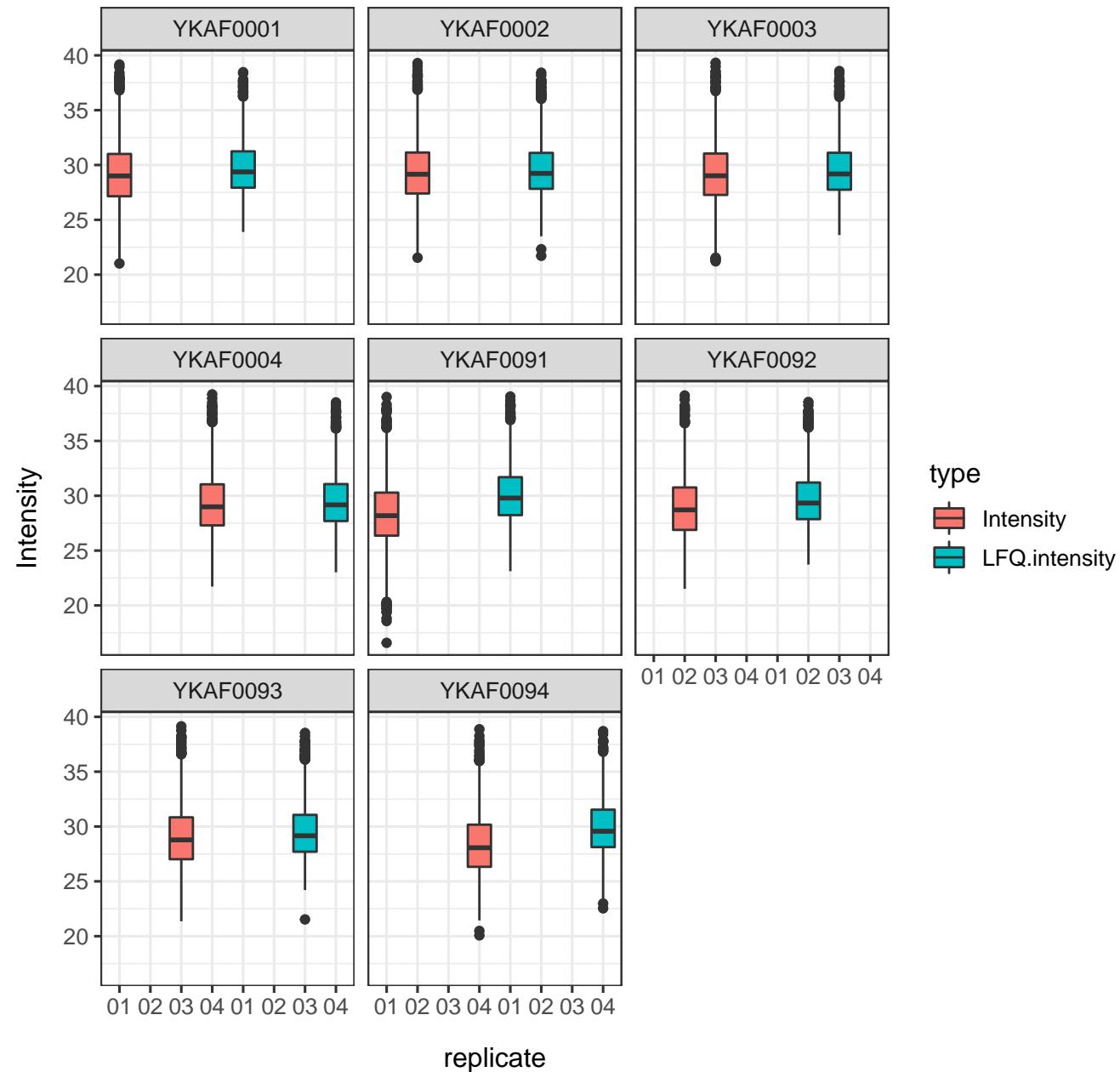
Comparison of imputed and measured values, grouped by replicate



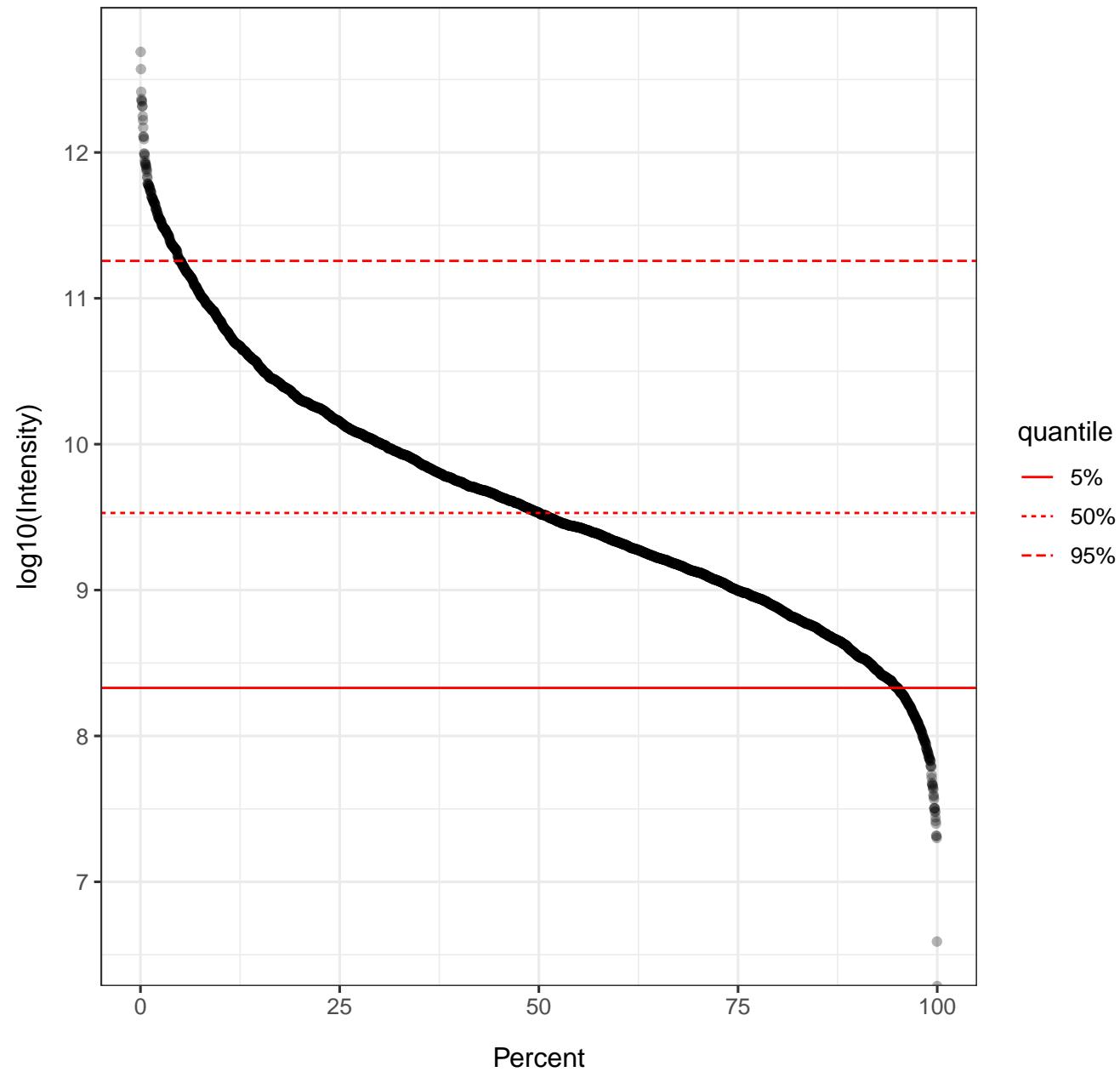
comparison imputed vs. measured



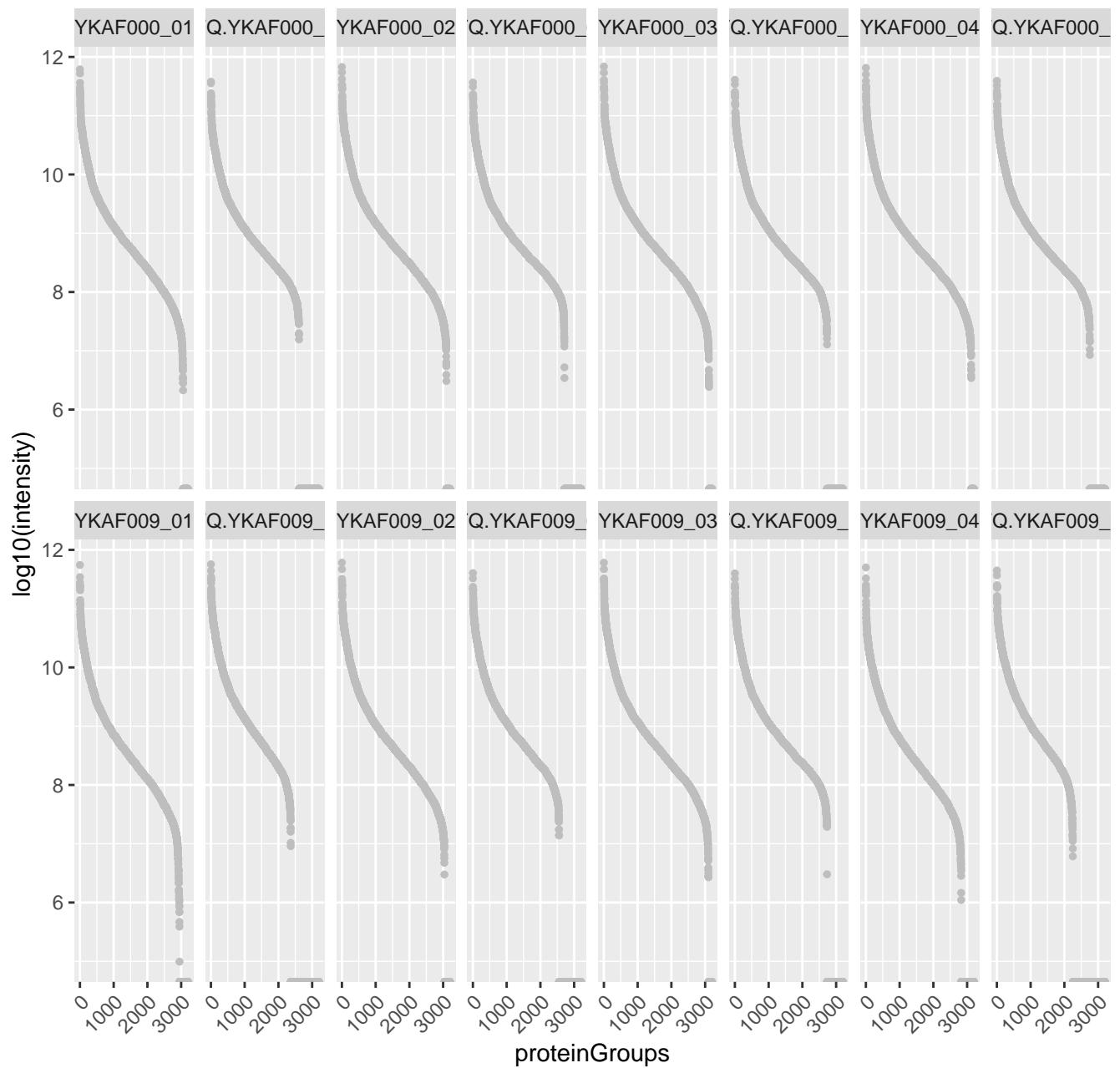
Intensity vs. LFQ Intensity w/o imputed



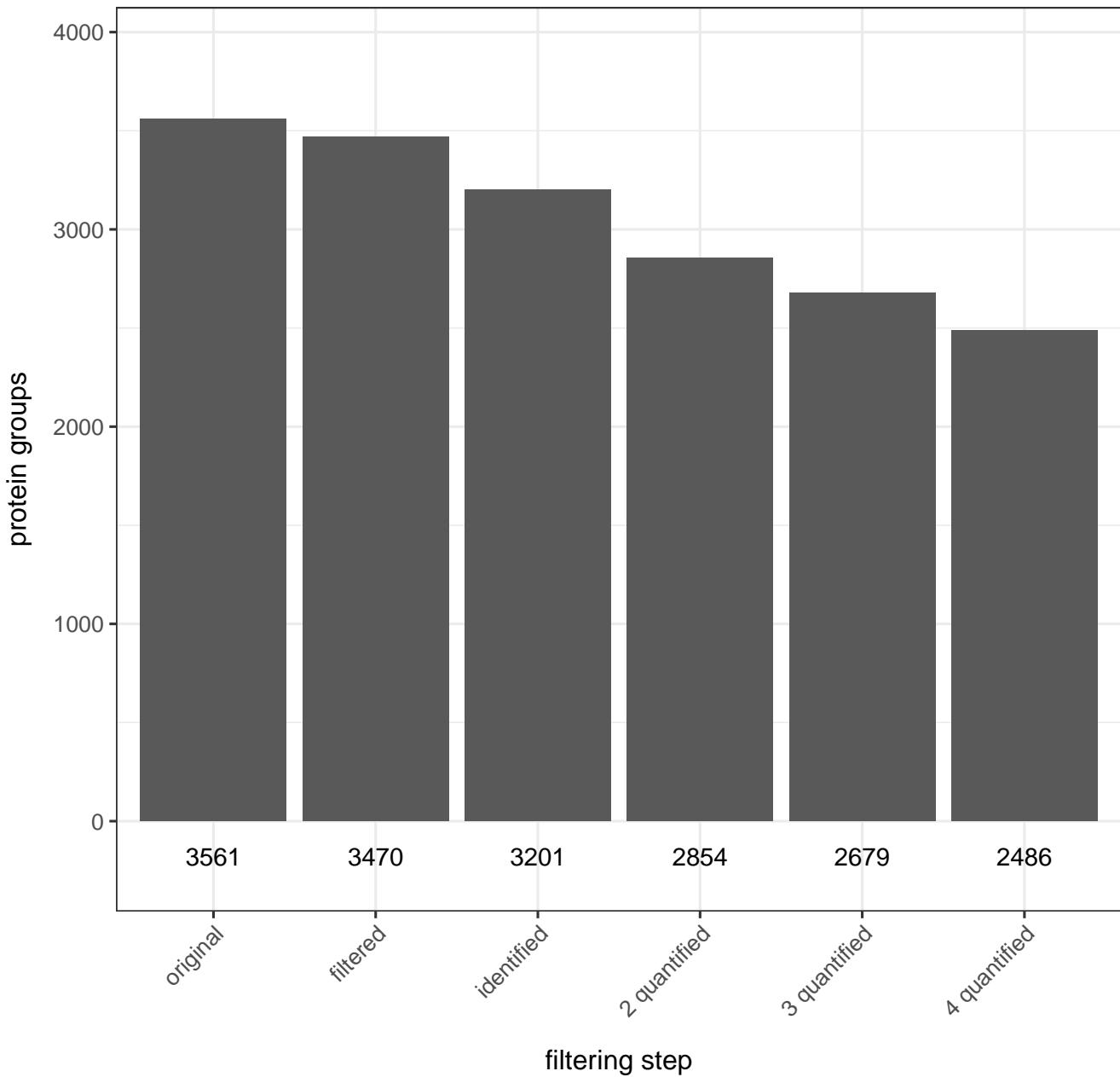
90% of the intensities change in 2.9 orders or magnitude



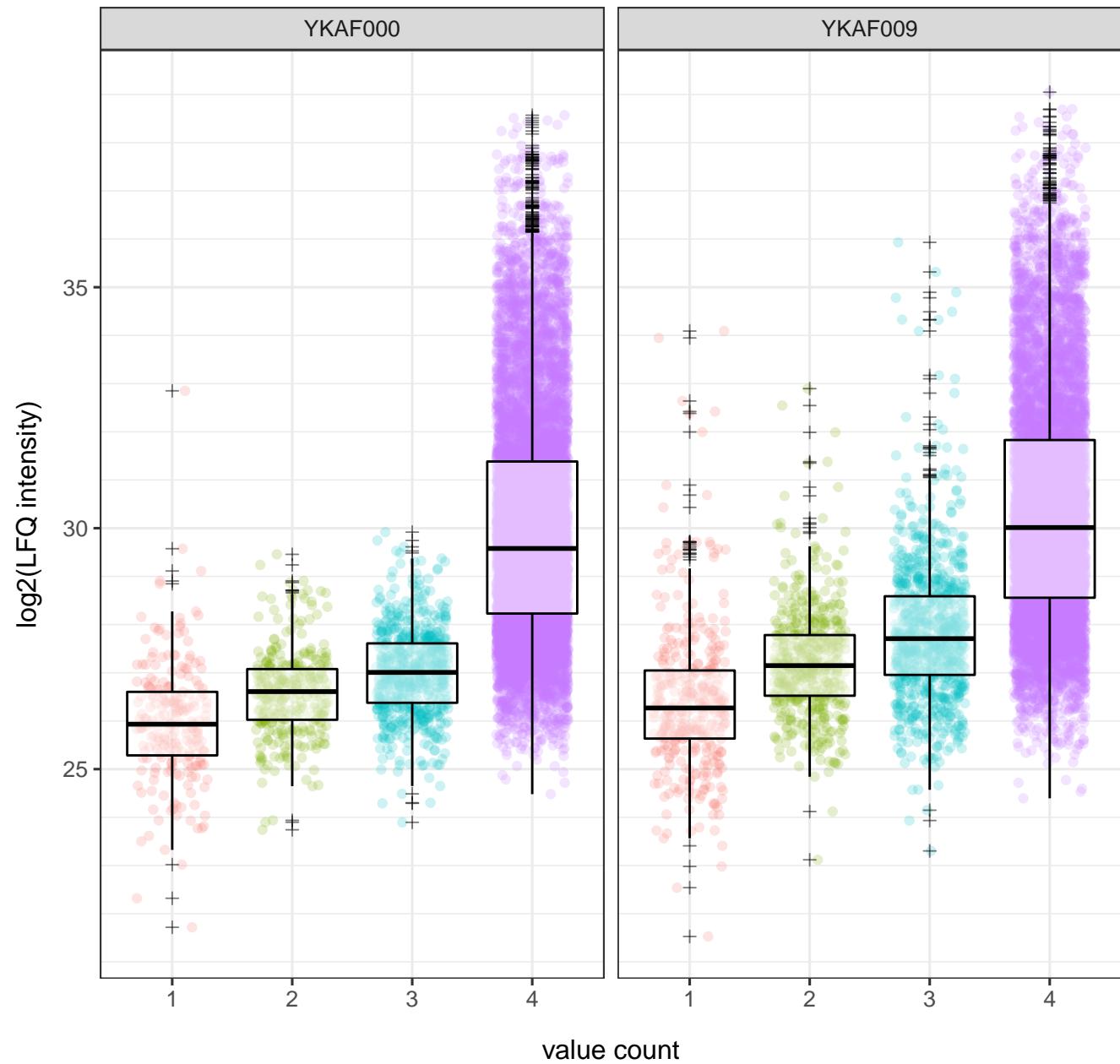
Protein abundance per replicate of LFQ values

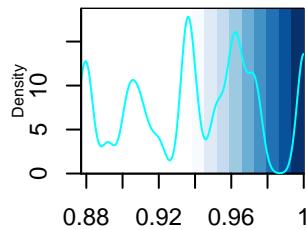


protein groups after each filtering step

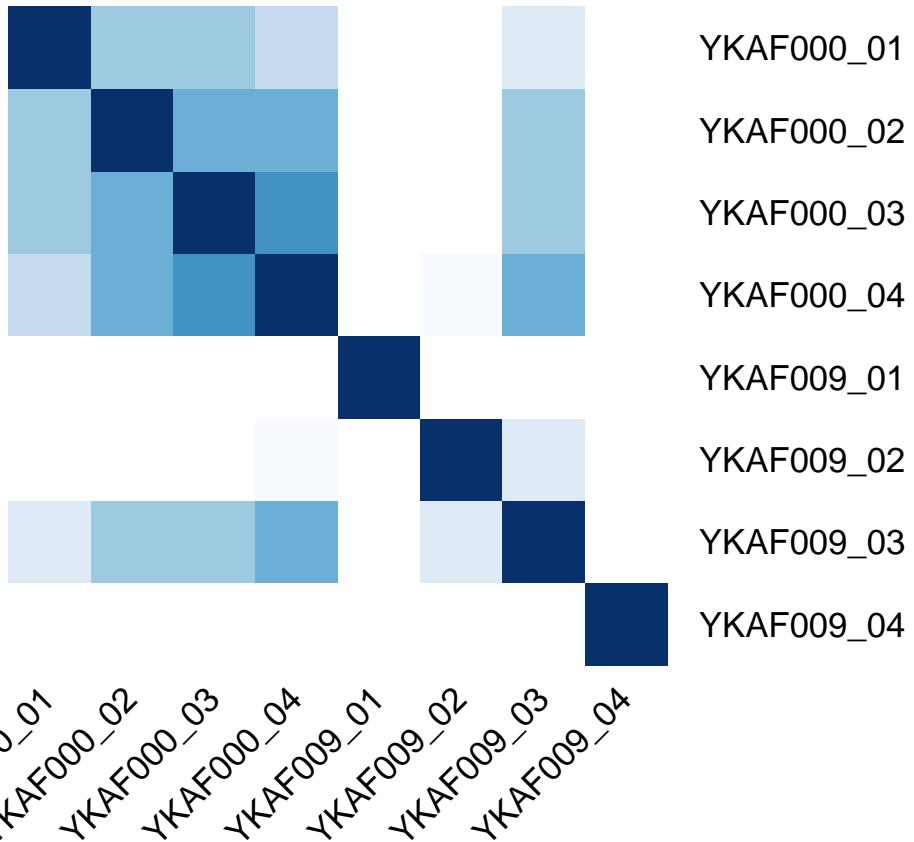


Measured intensity grouped by value counts

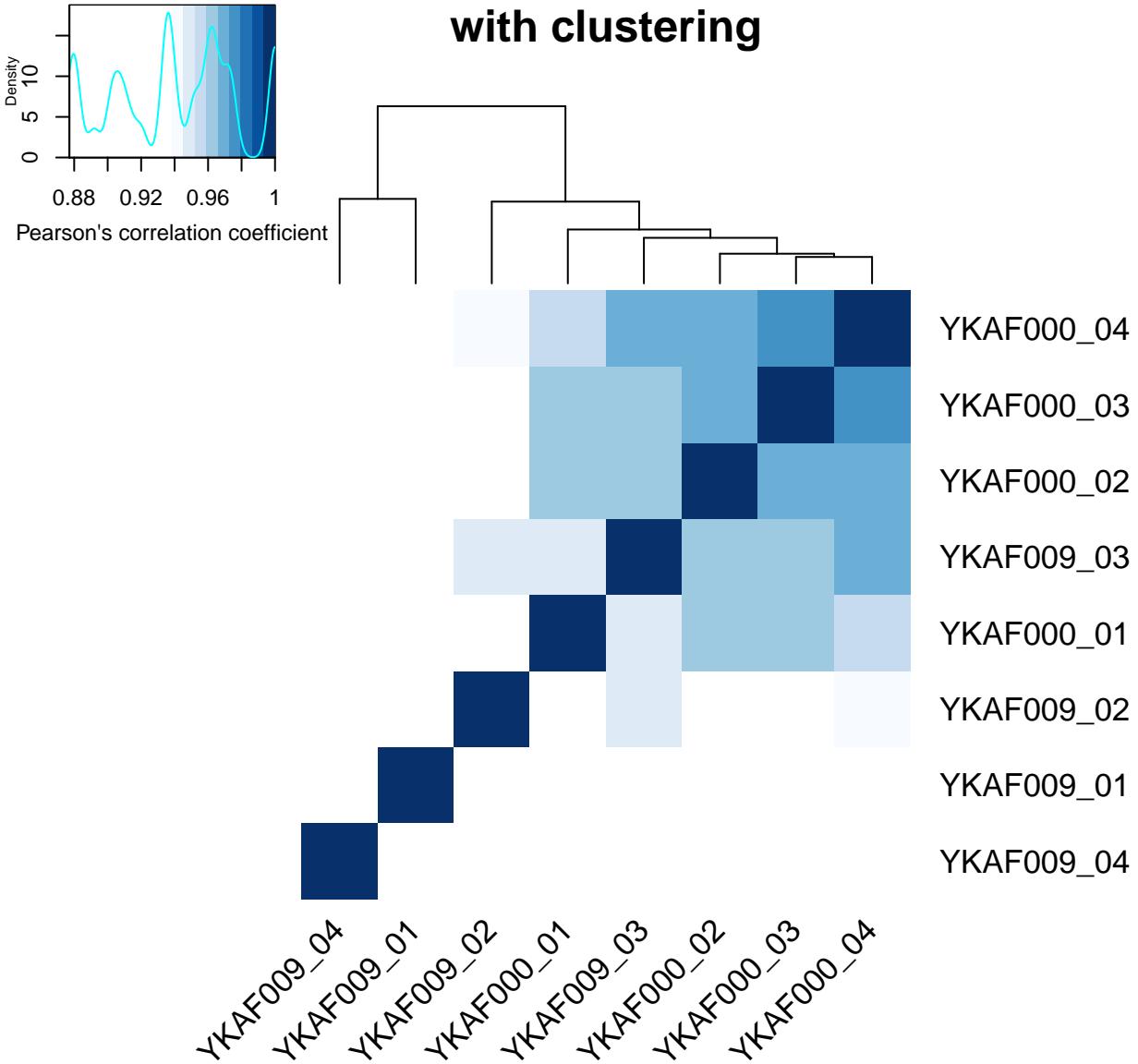




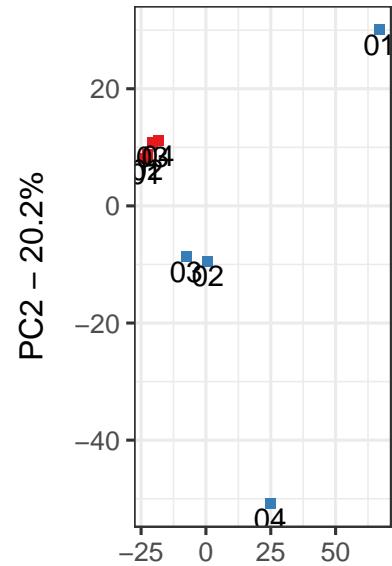
correlation between replicates



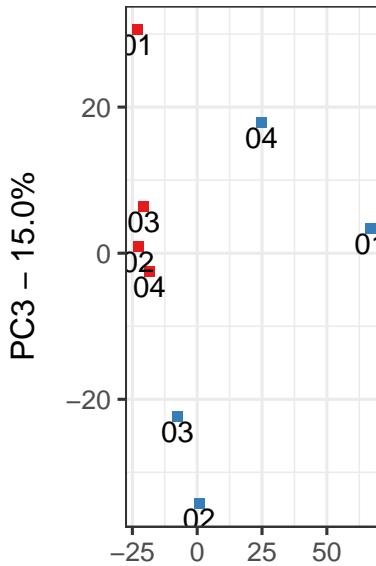
with clustering



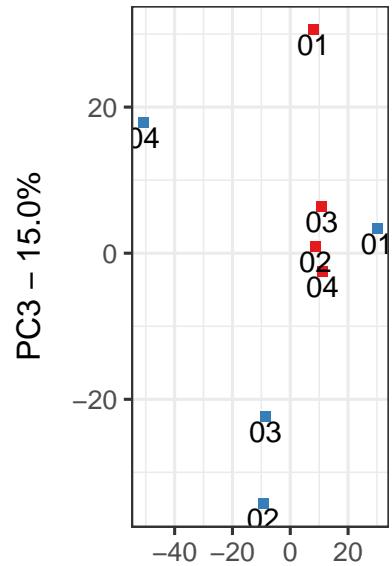
the principal component analysis



PC1 – 34.9%



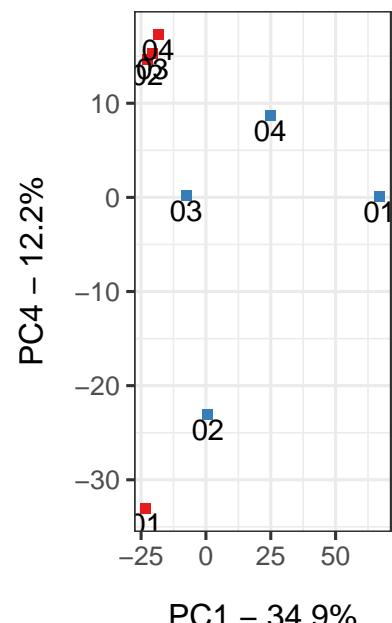
PC1 – 34.9%



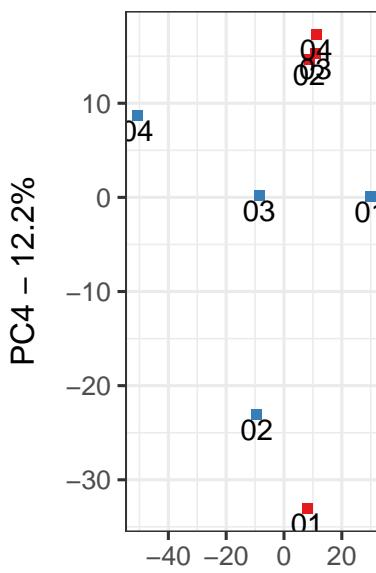
PC2 – 20.2%

condition

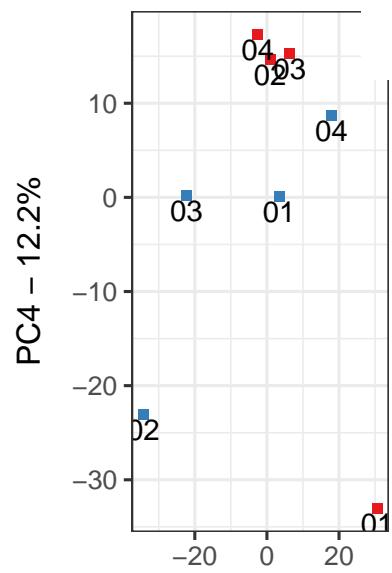
- YKAFO
- YKAF01



PC1 – 34.9%



PC2 – 20.2%

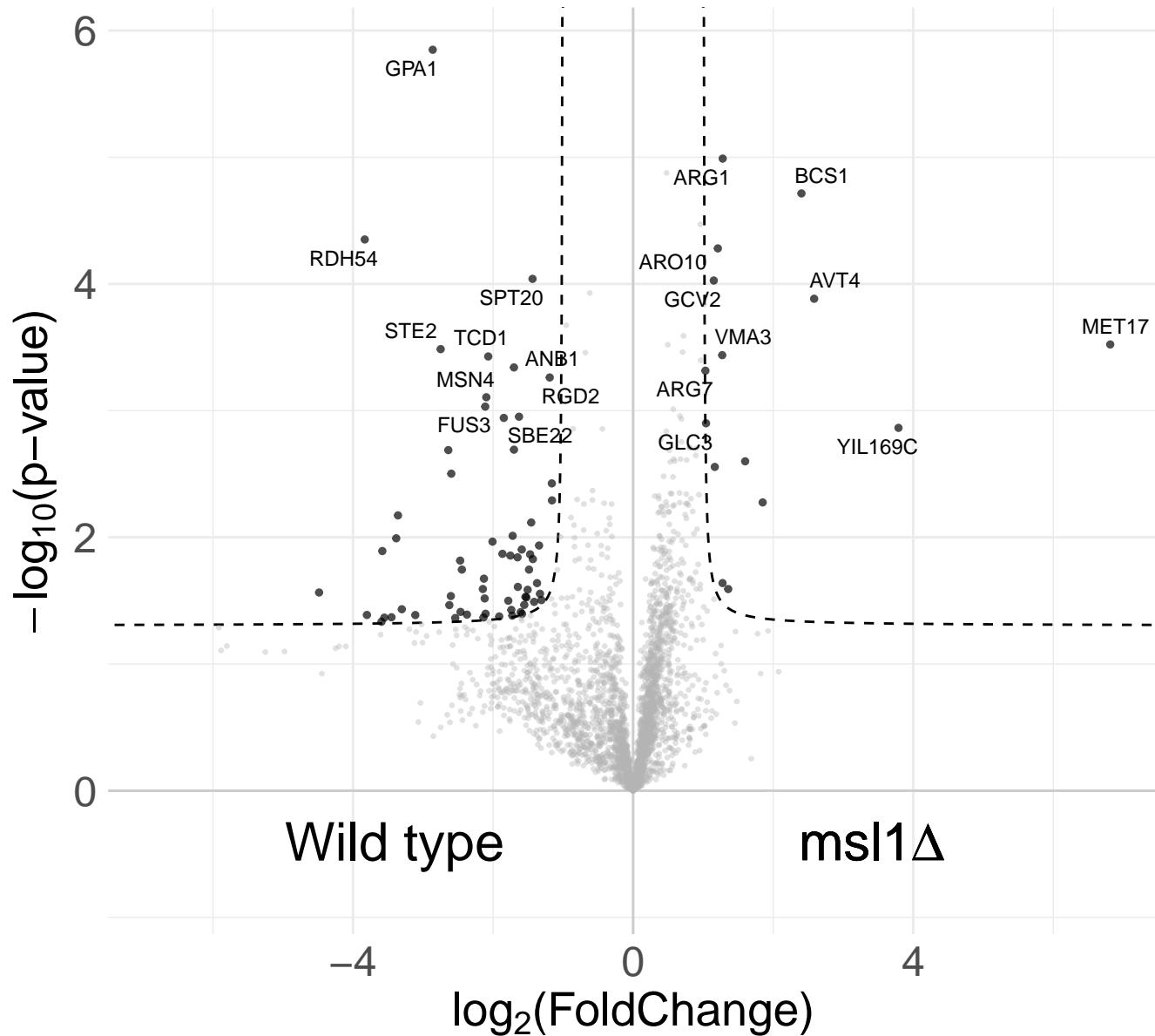


PC3 – 15.0%

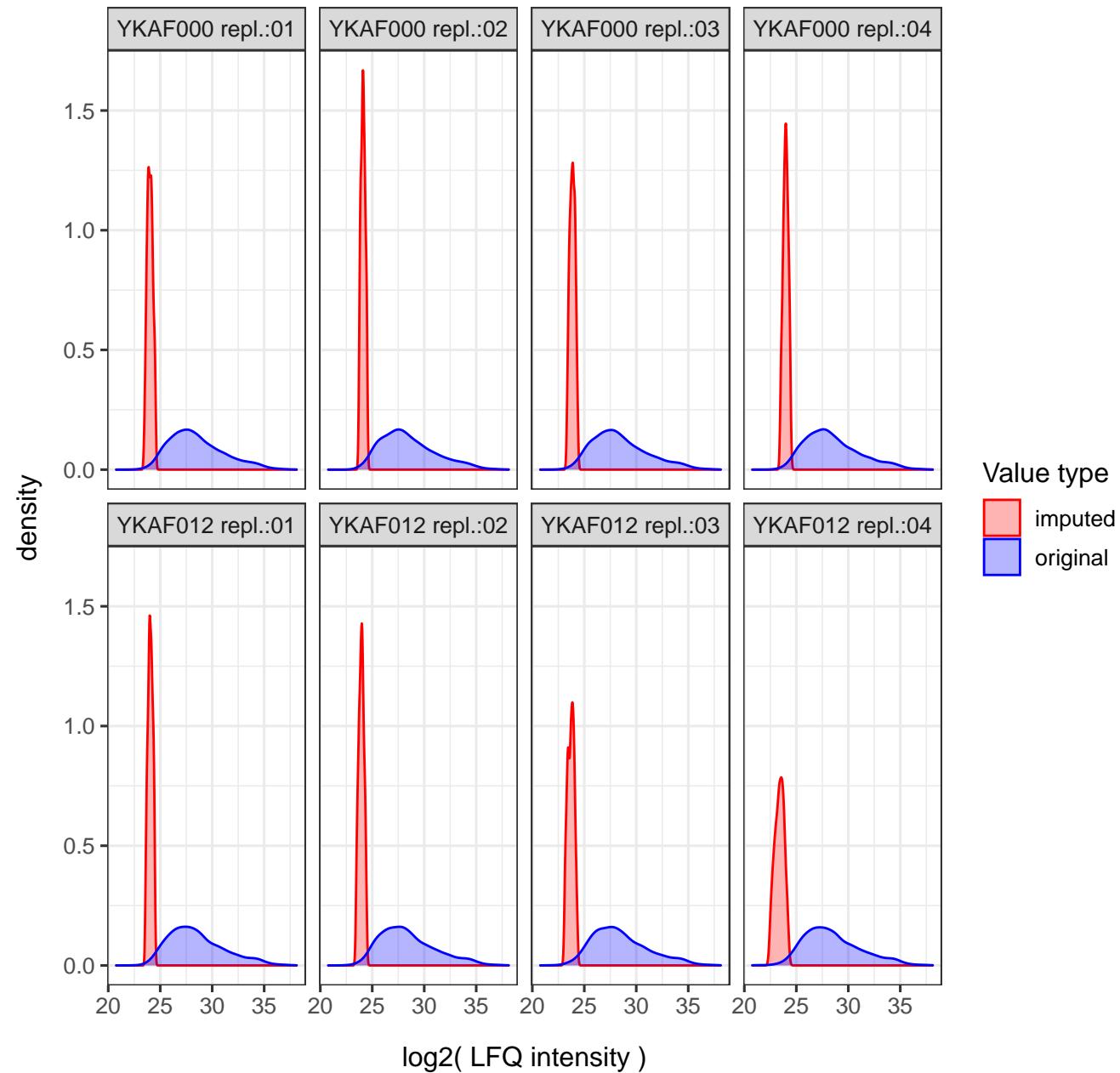
MSL1 KO experiment

Volcano plot of MSL1 KO against Wild type

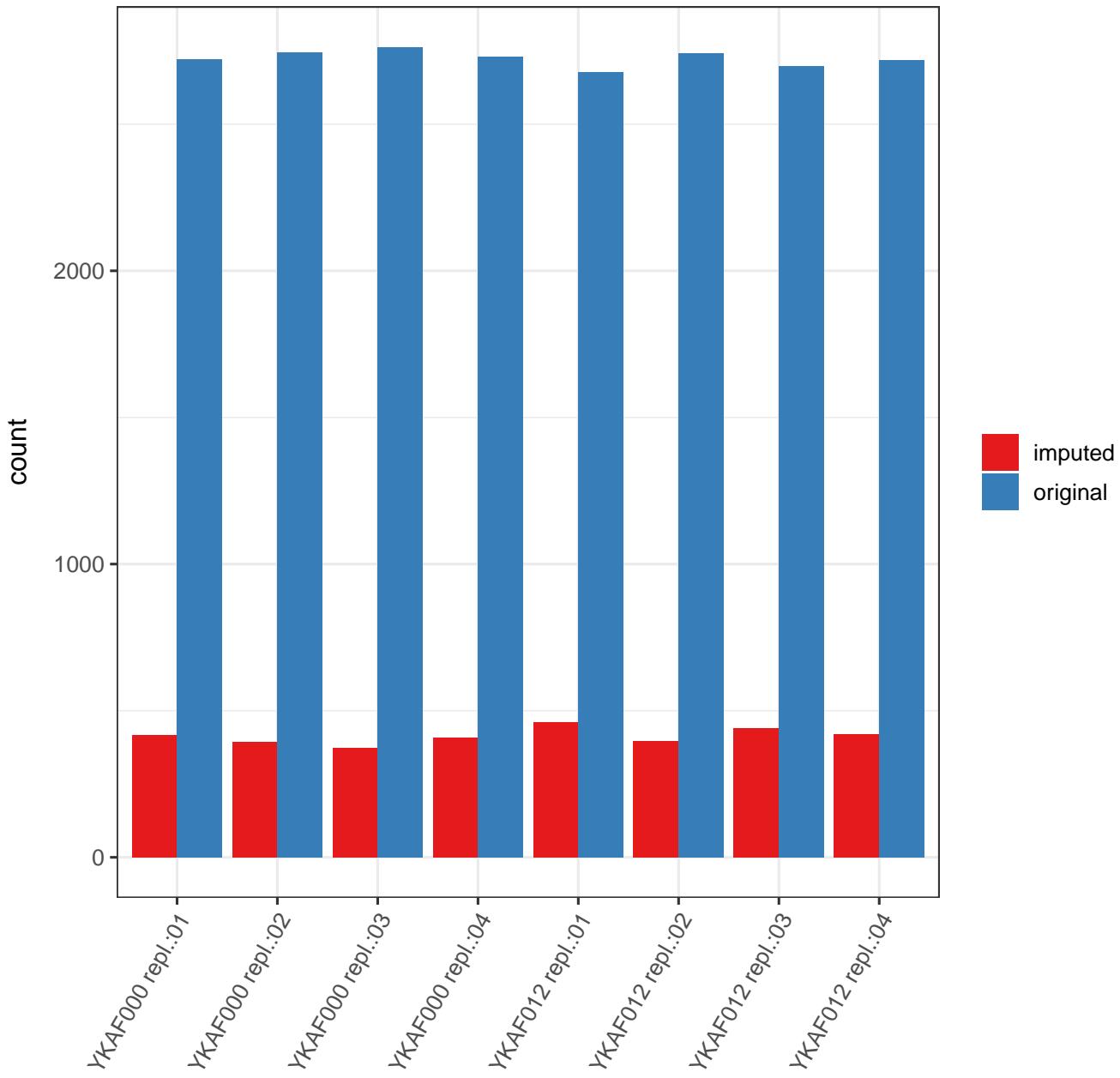
positive: 15; negative: 64; enriched: 79; background: 2775; total: 2854



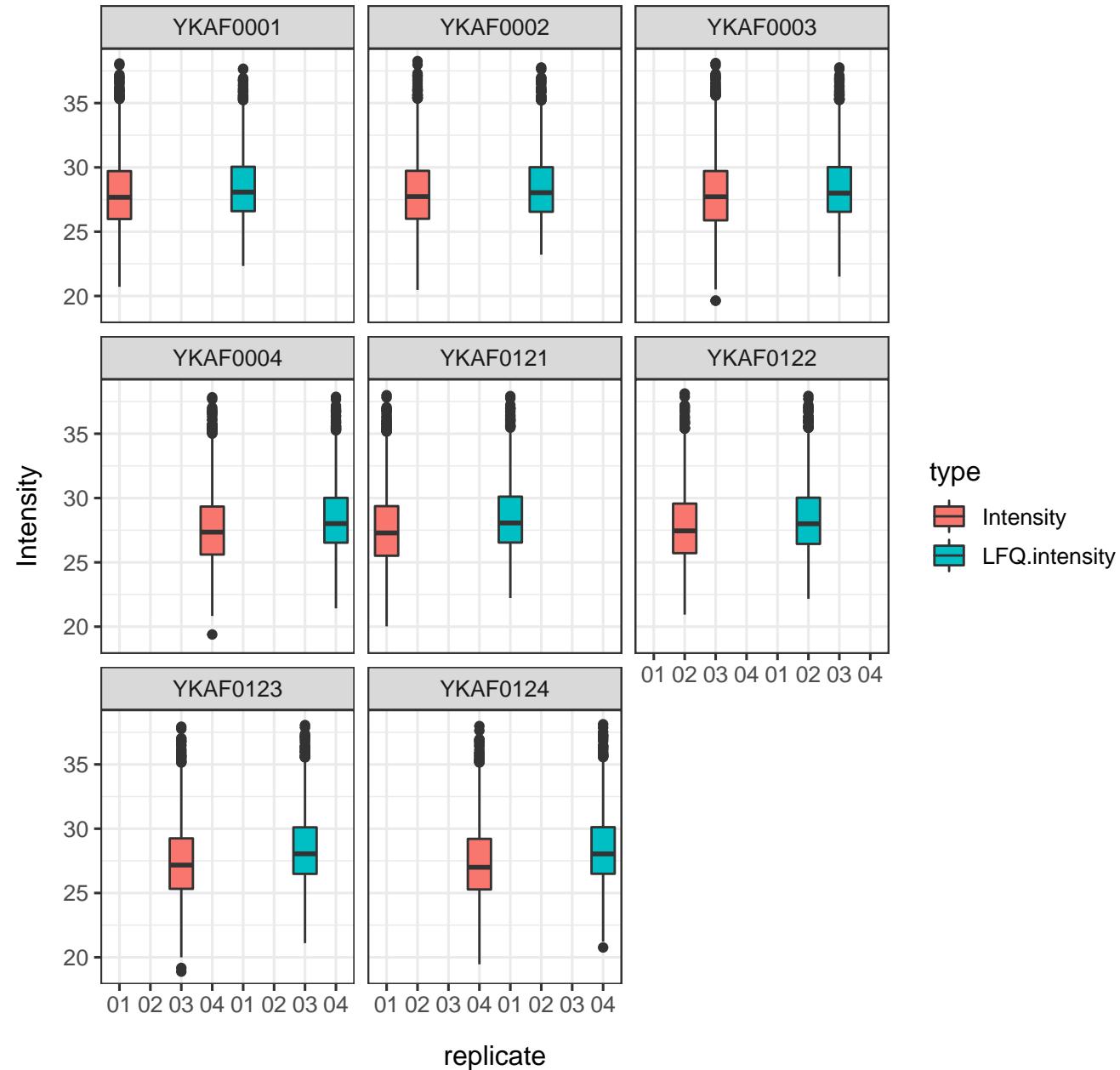
Comparison of imputed and measured values, grouped by replicate



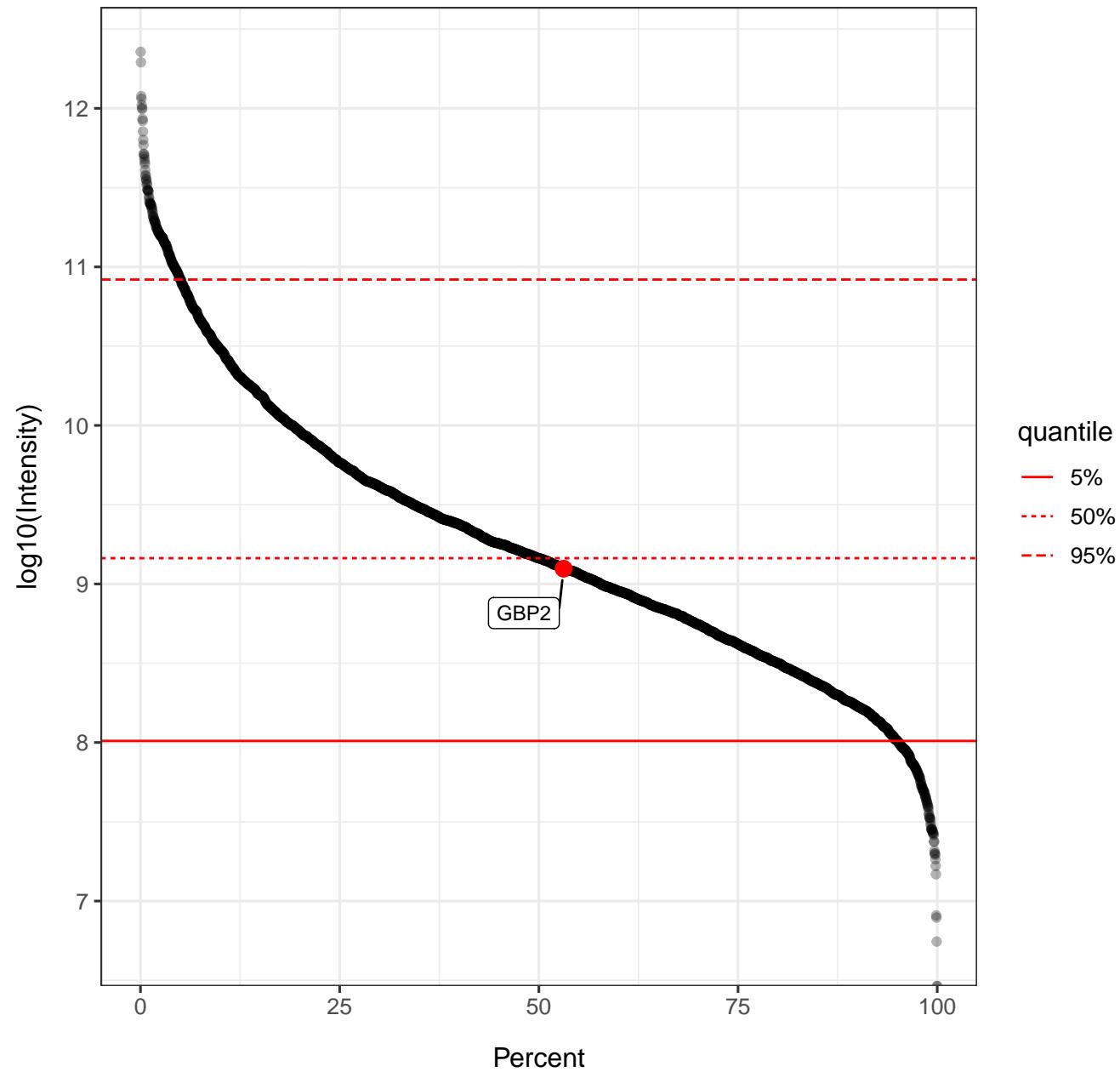
comparison imputed vs. measured



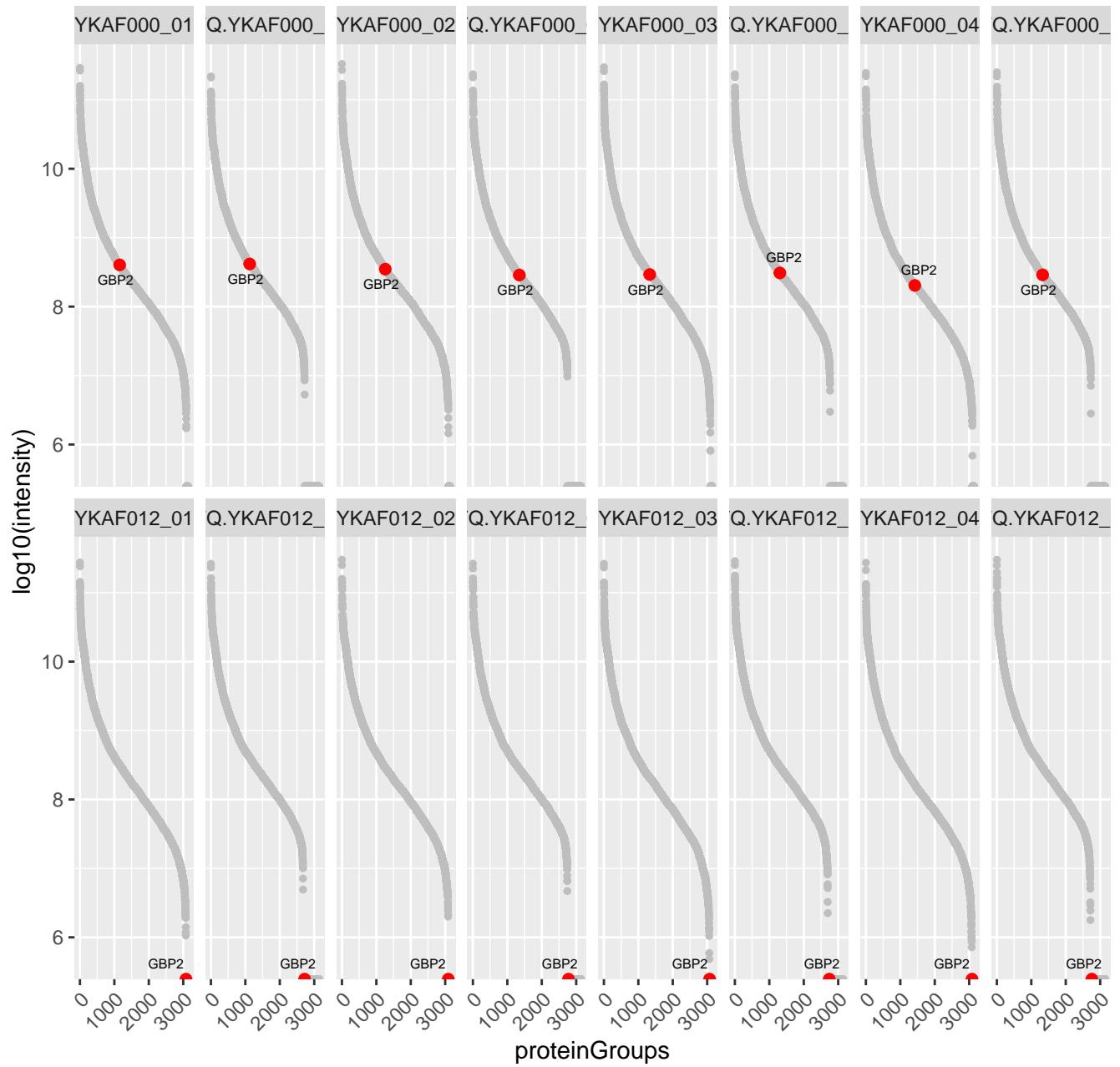
Intensity vs. LFQ Intensity w/o imputed



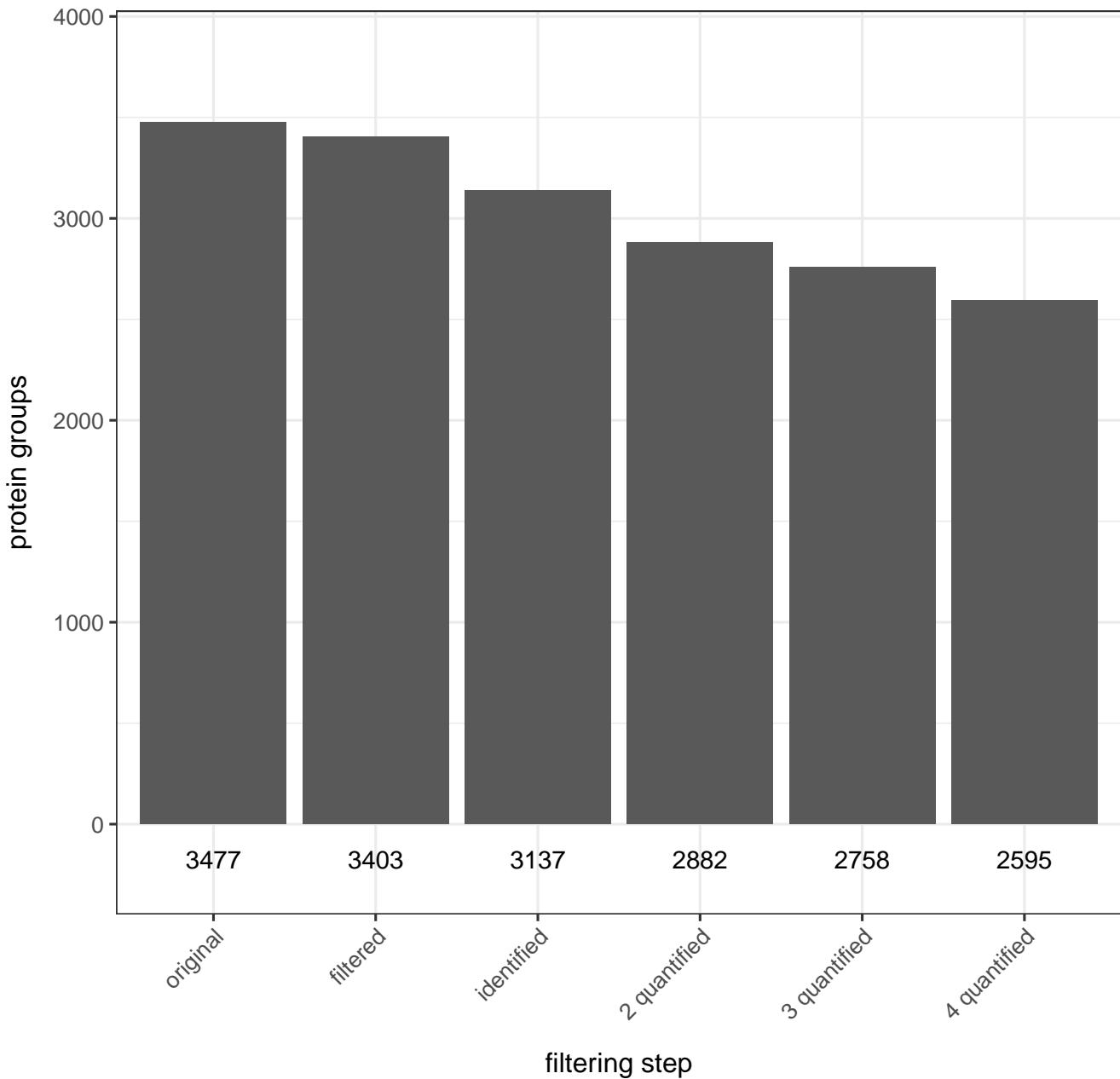
90% of the intensities change in 2.9 orders or magnitude



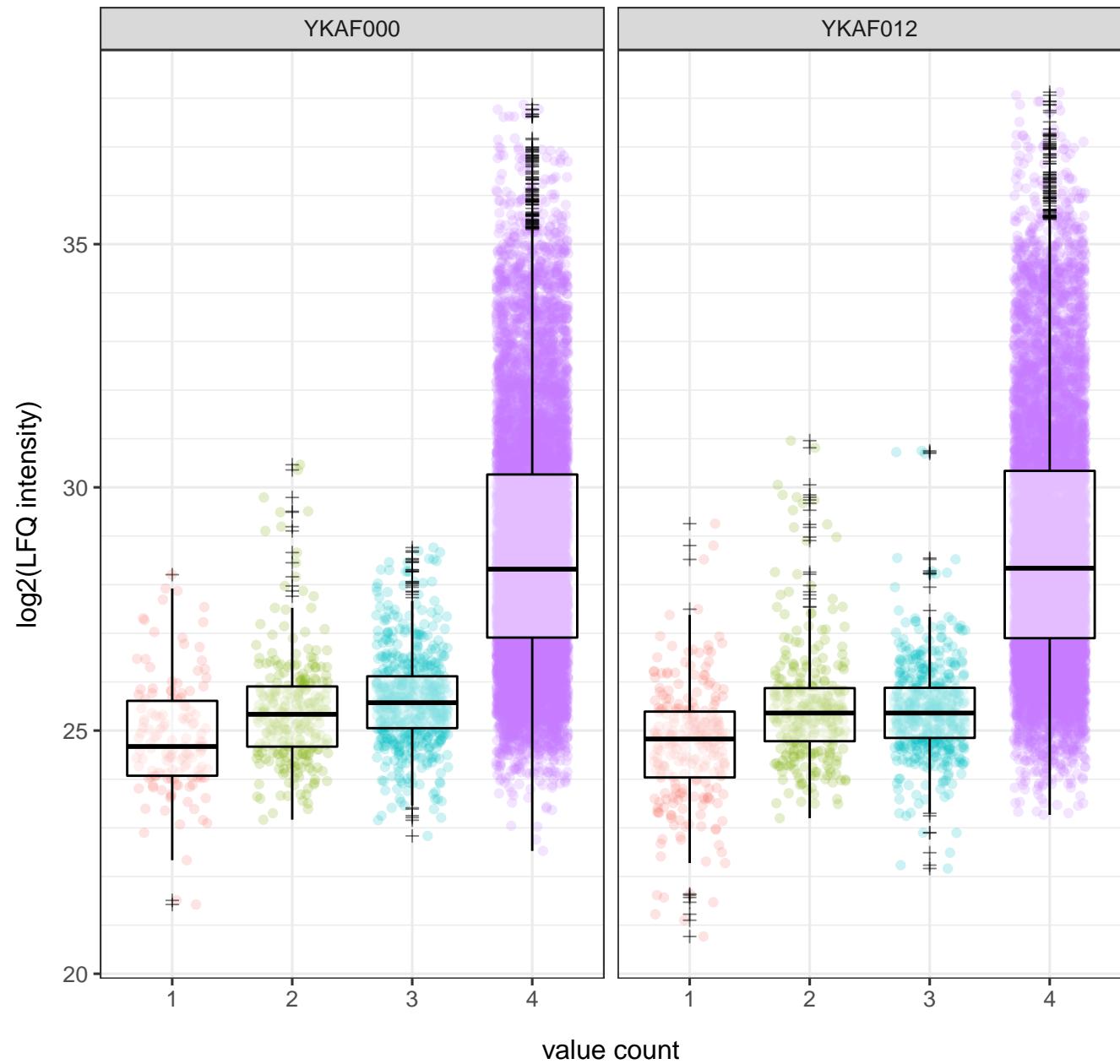
Protein abundance per replicate of LFQ values

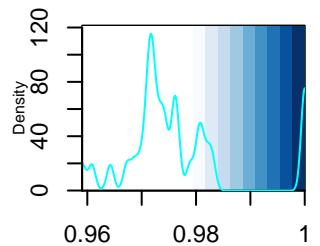


protein groups after each filtering step

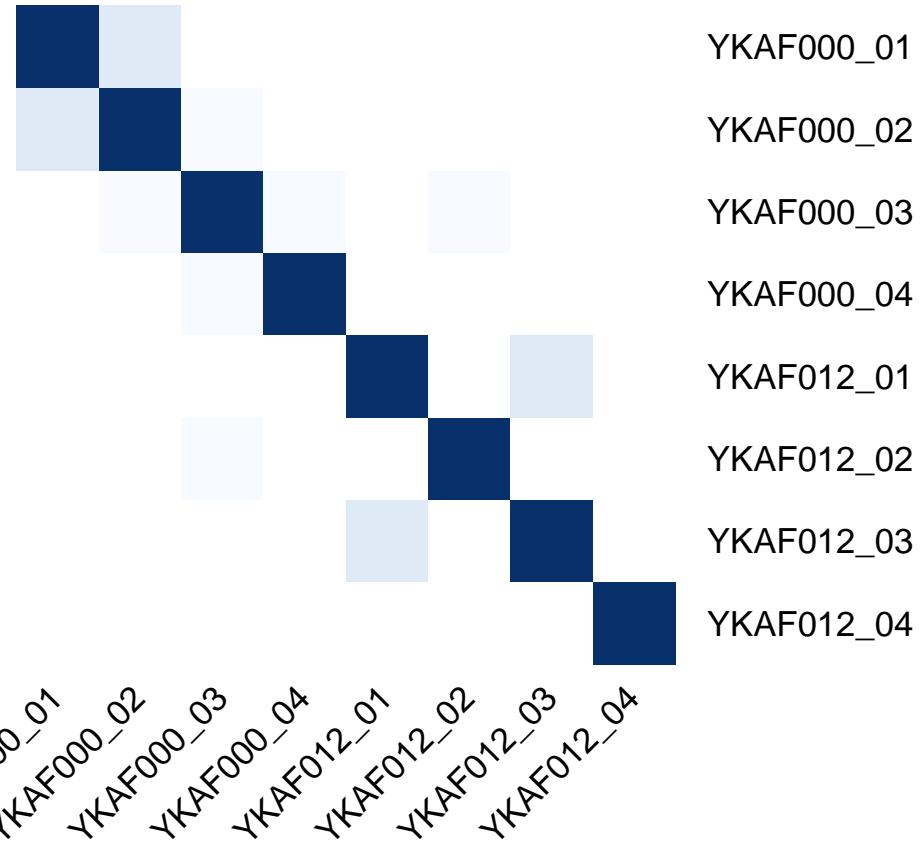


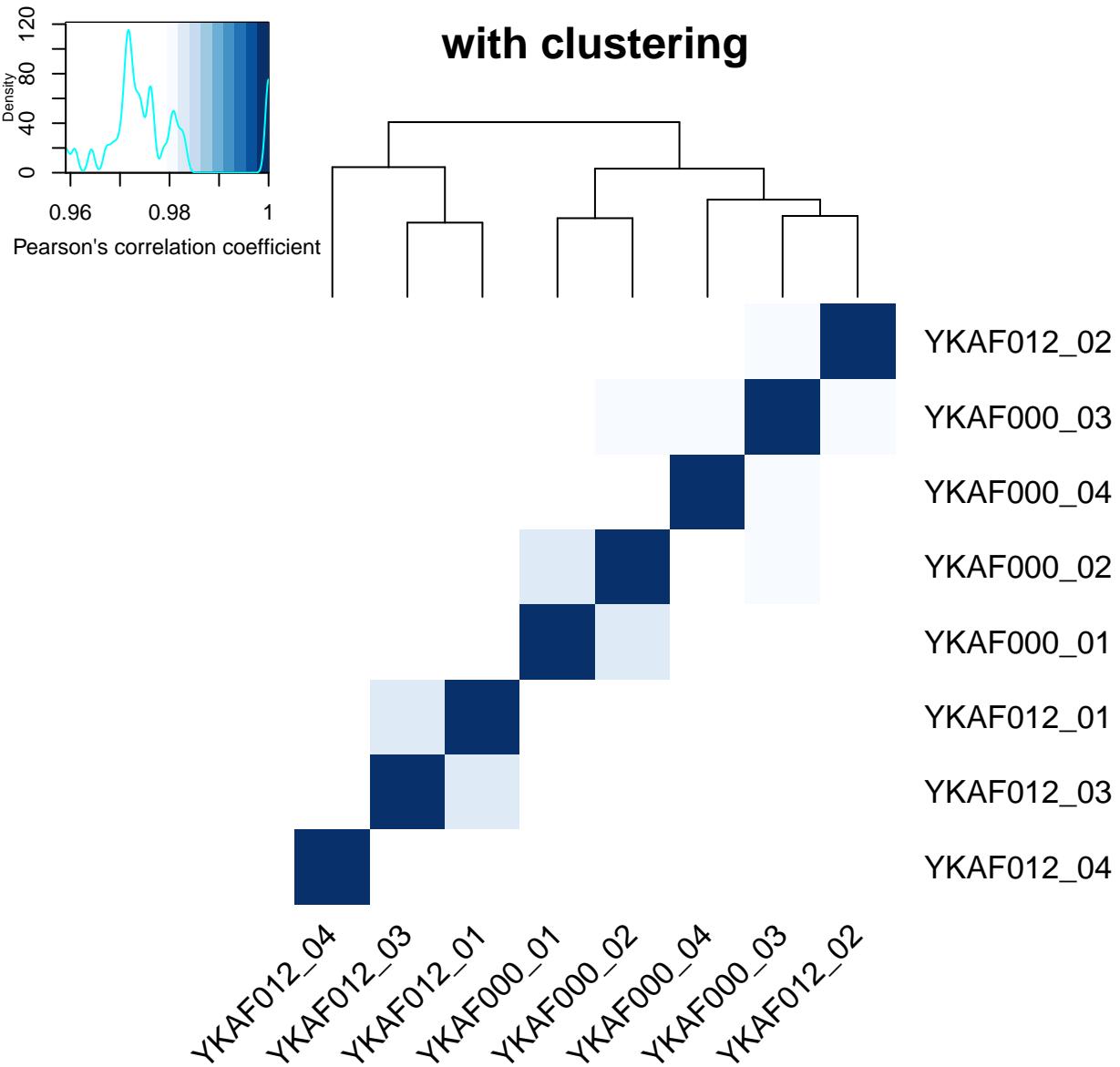
Measured intensity grouped by value counts



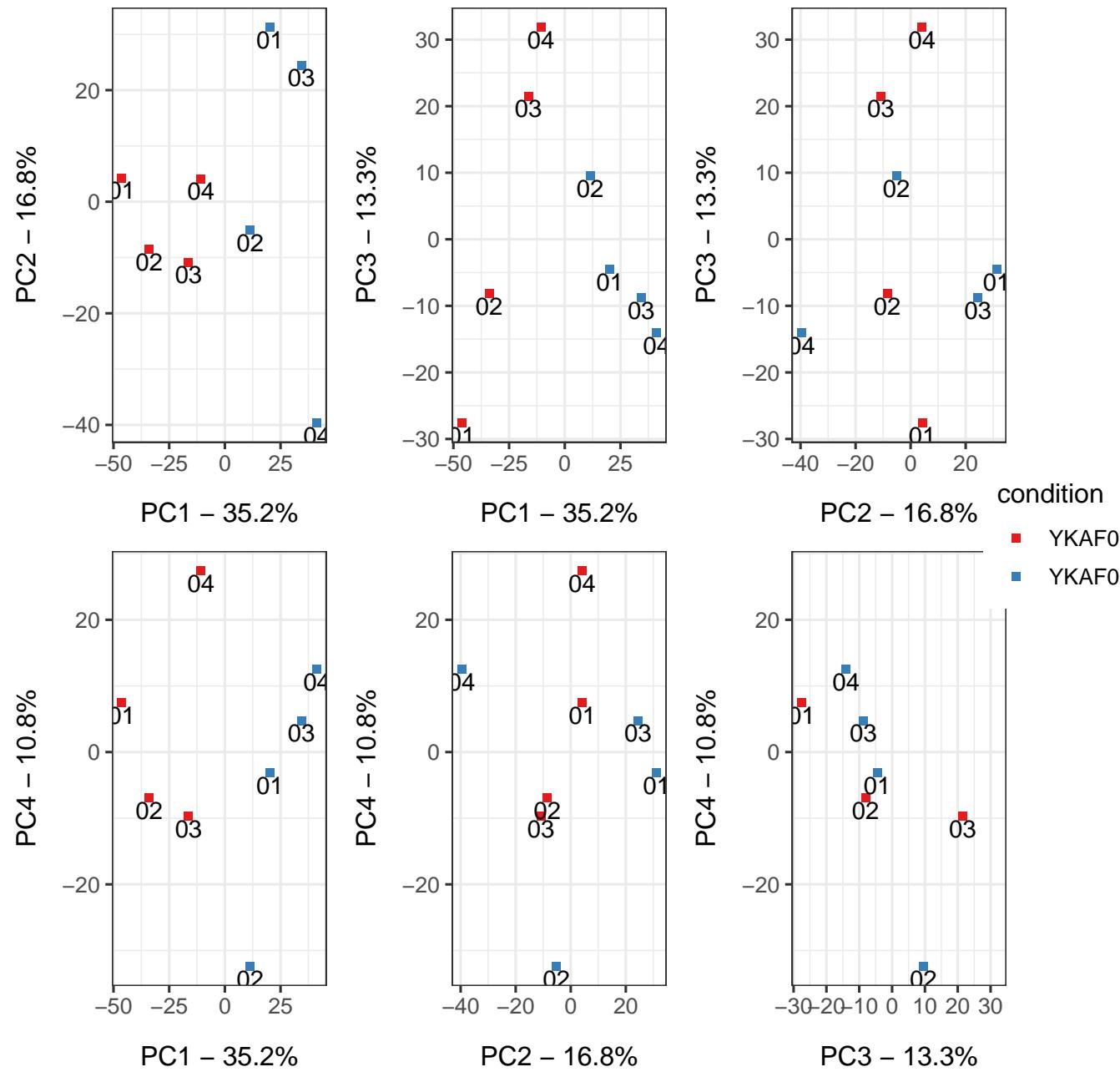


Correlation between replicates





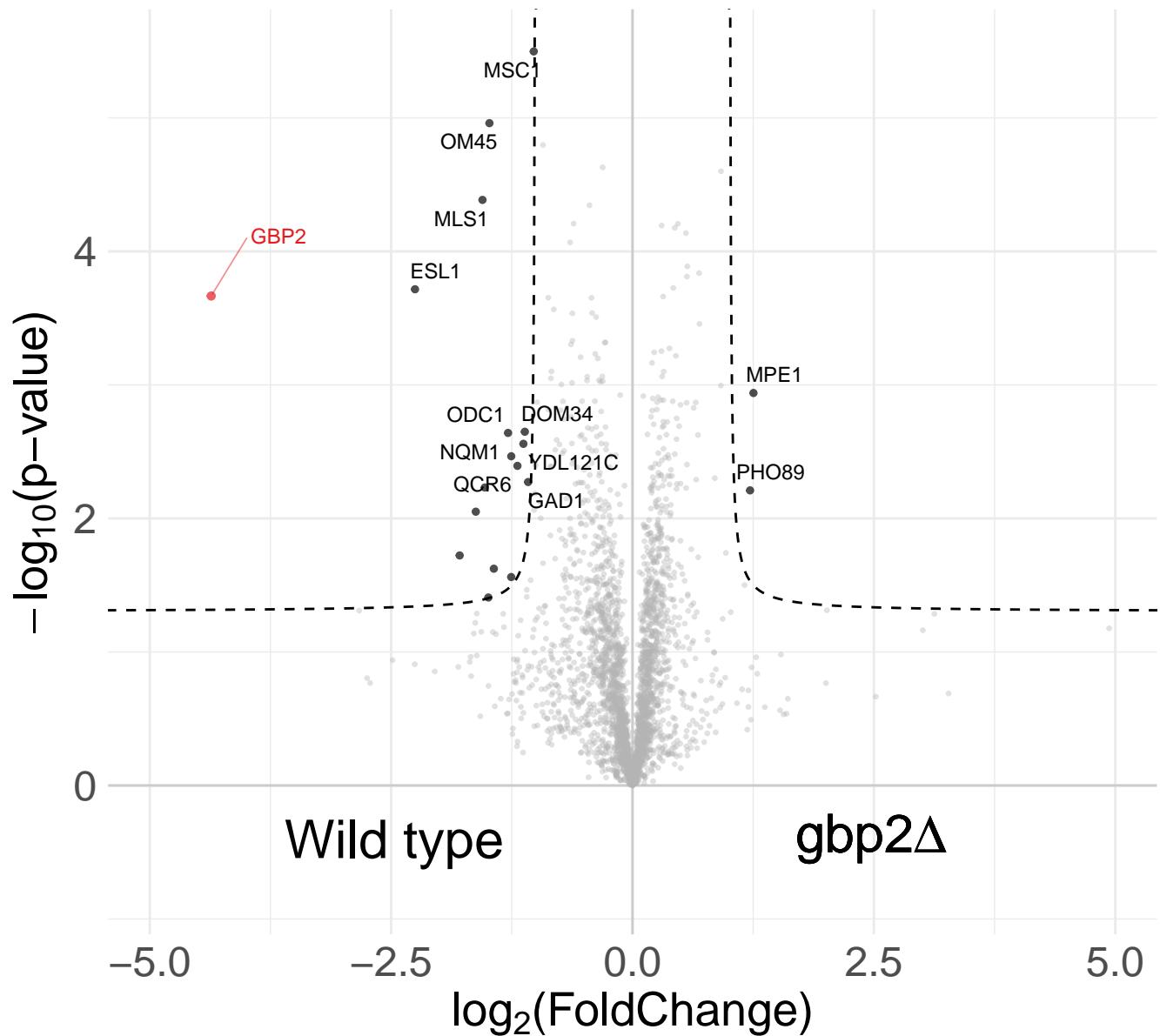
the principal component analysis



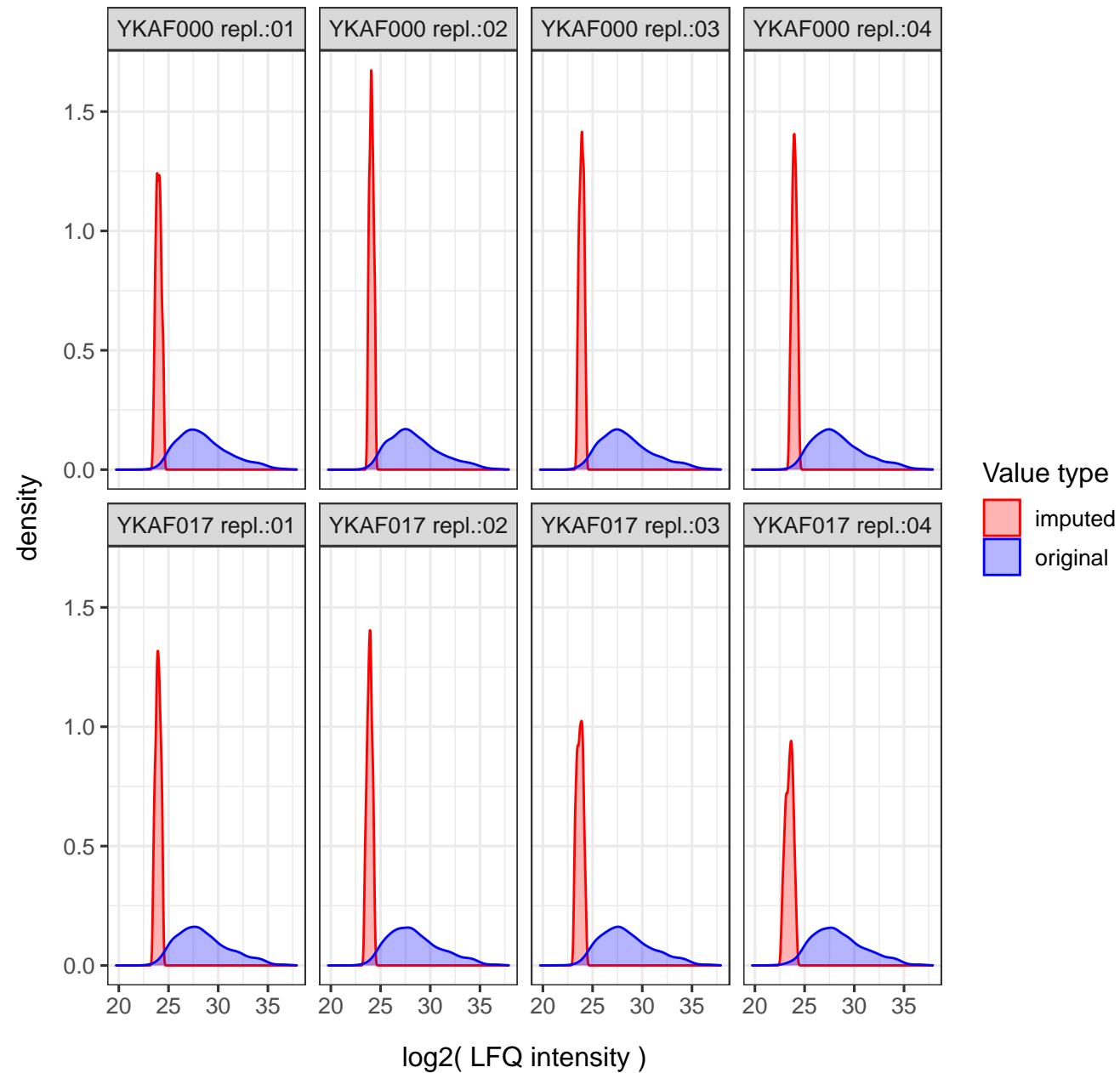
GBP2 KO experiment

Volcano plot of GBP2 KO against Wild type

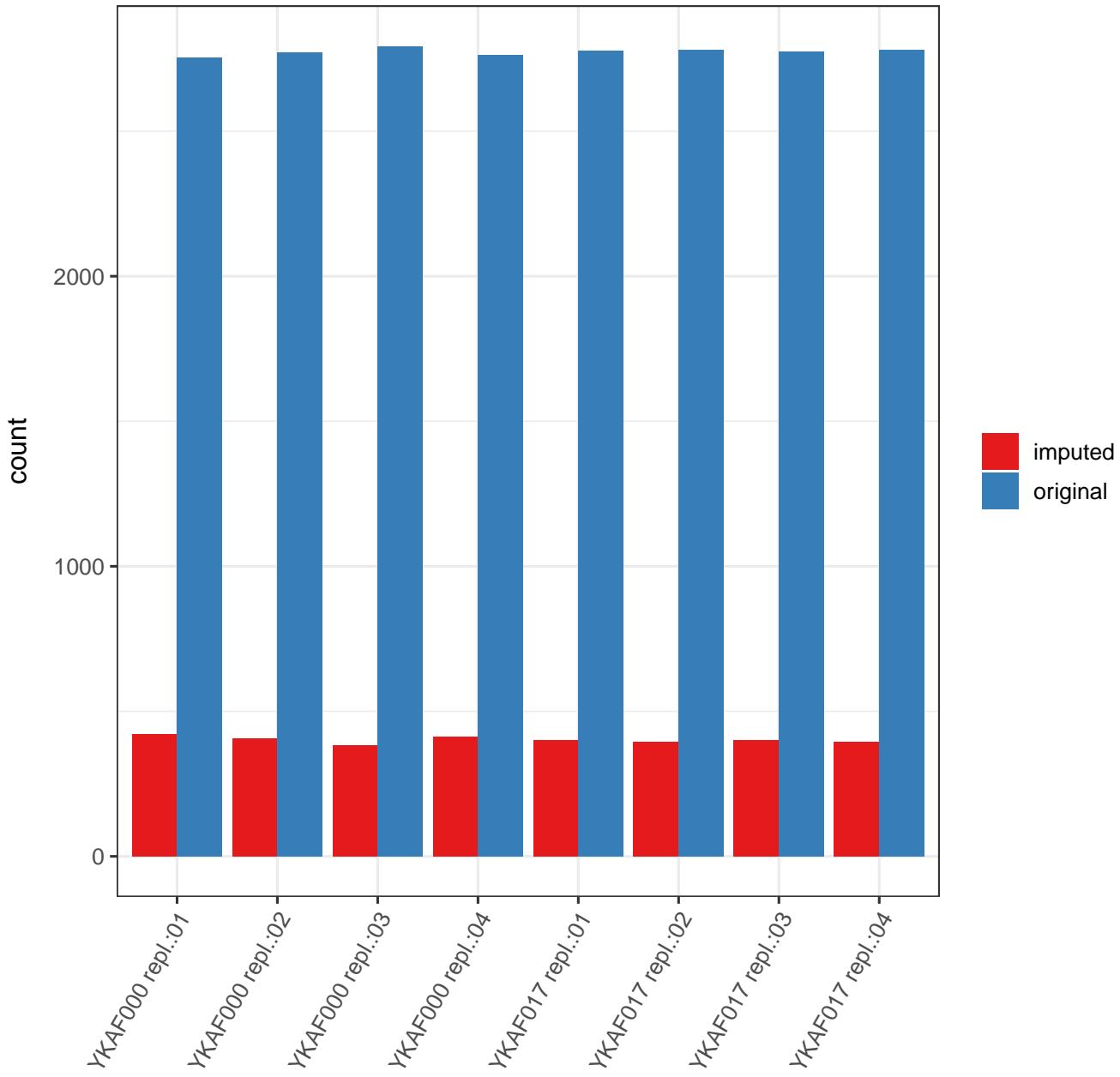
positive: 2; negative: 17; enriched: 19; background: 2863; total: 2882



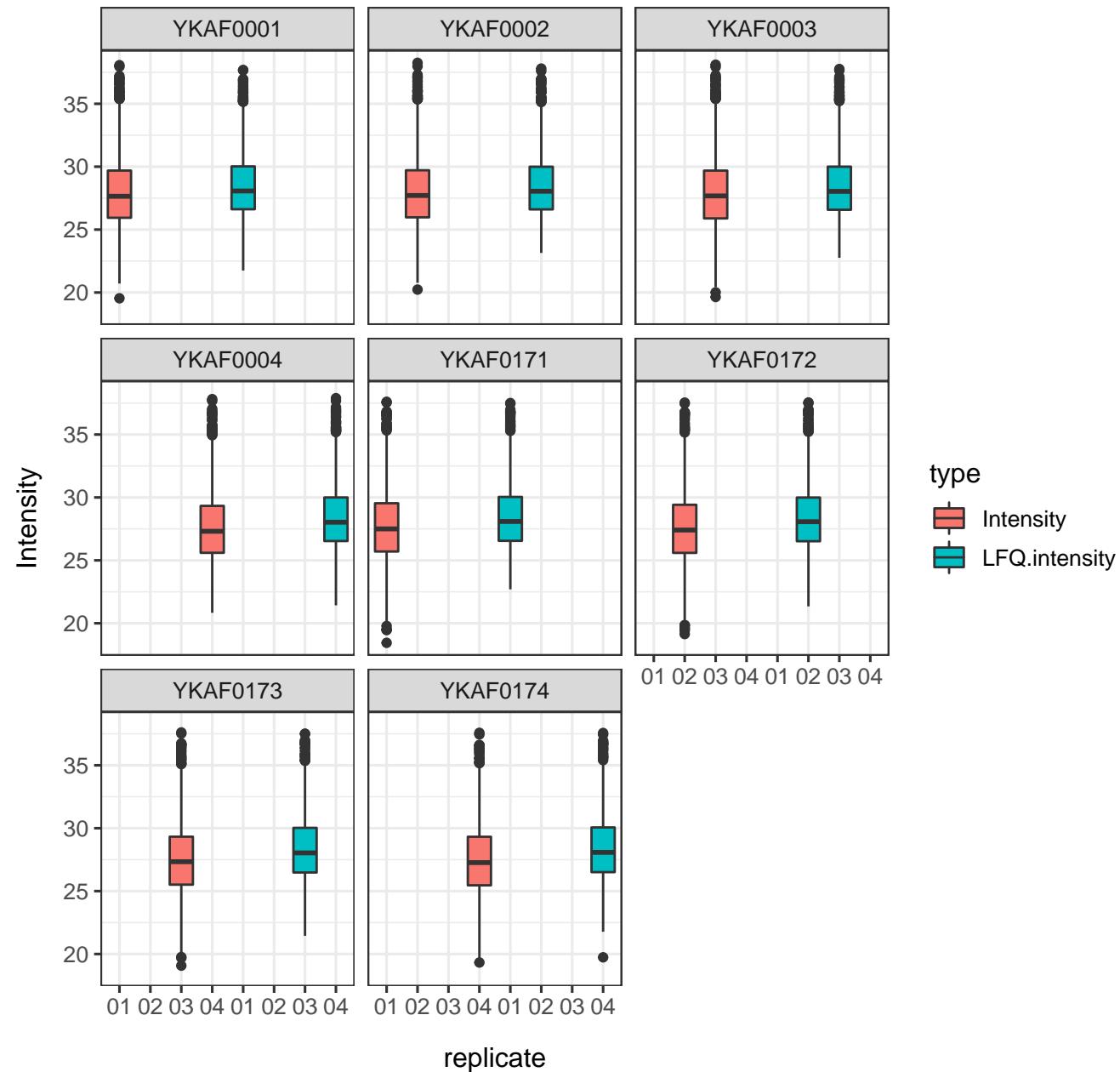
Comparison of imputed and measured values, grouped by replicate



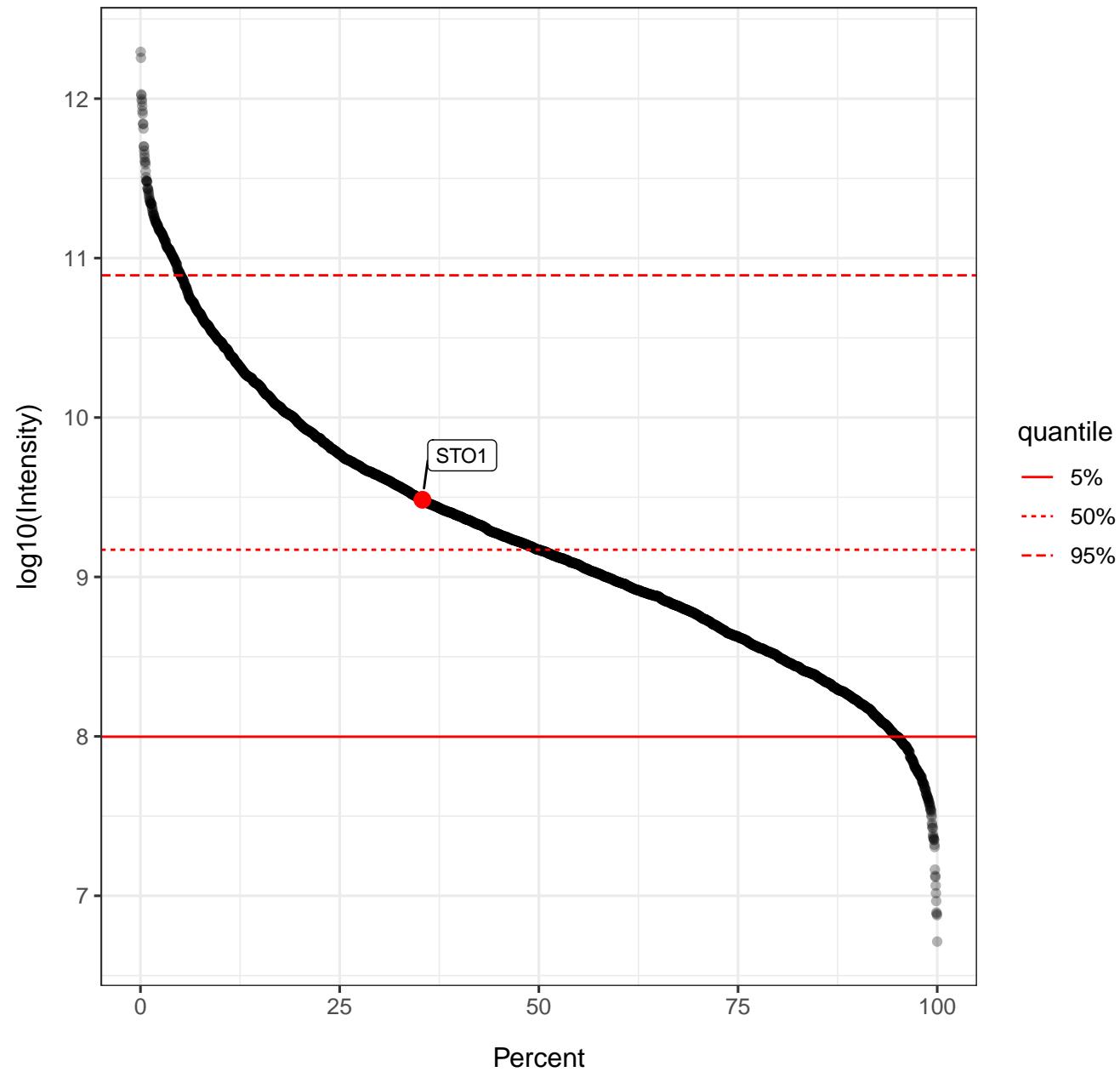
comparison imputed vs. measured



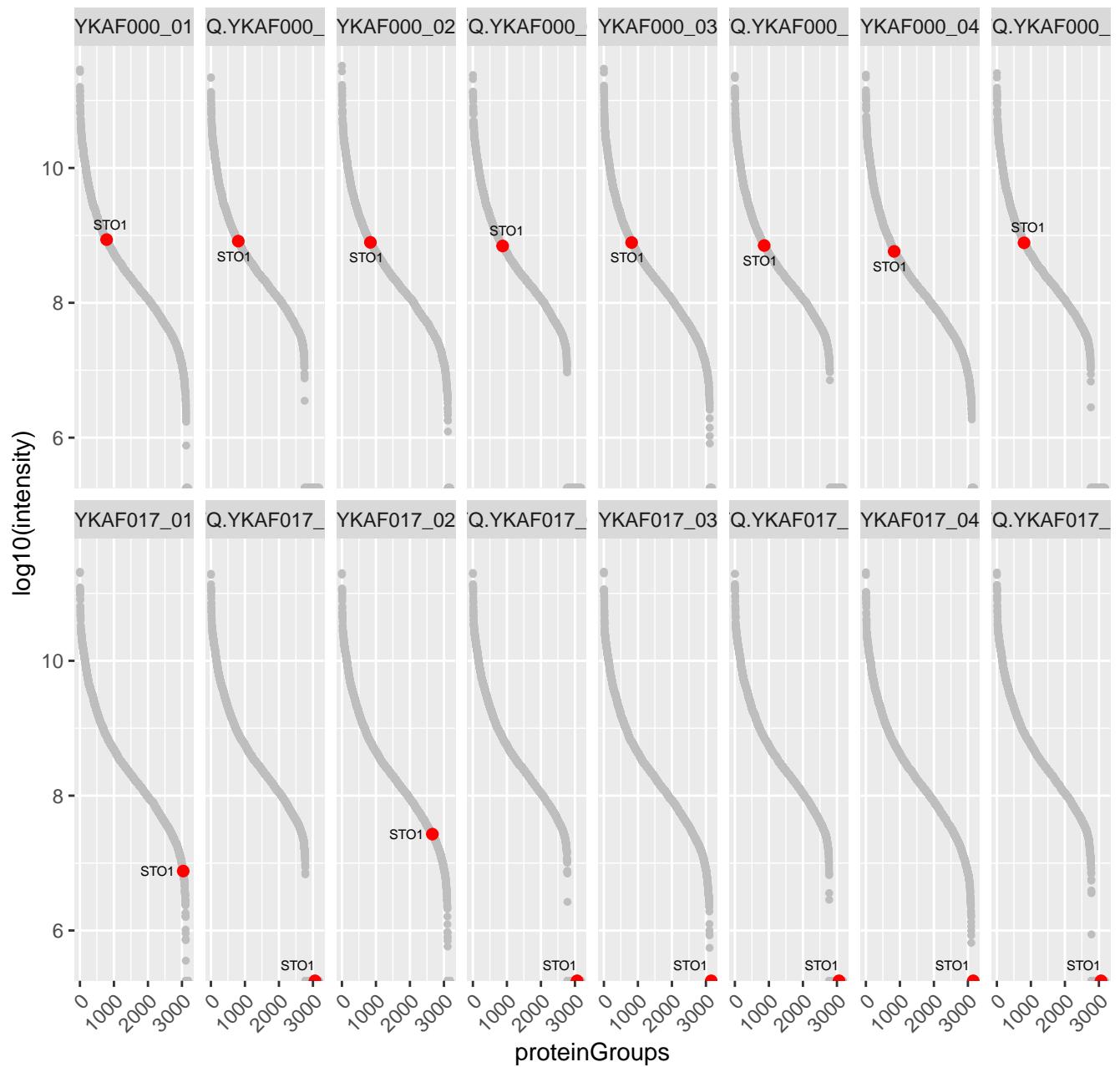
Intensity vs. LFQ Intensity w/o imputed



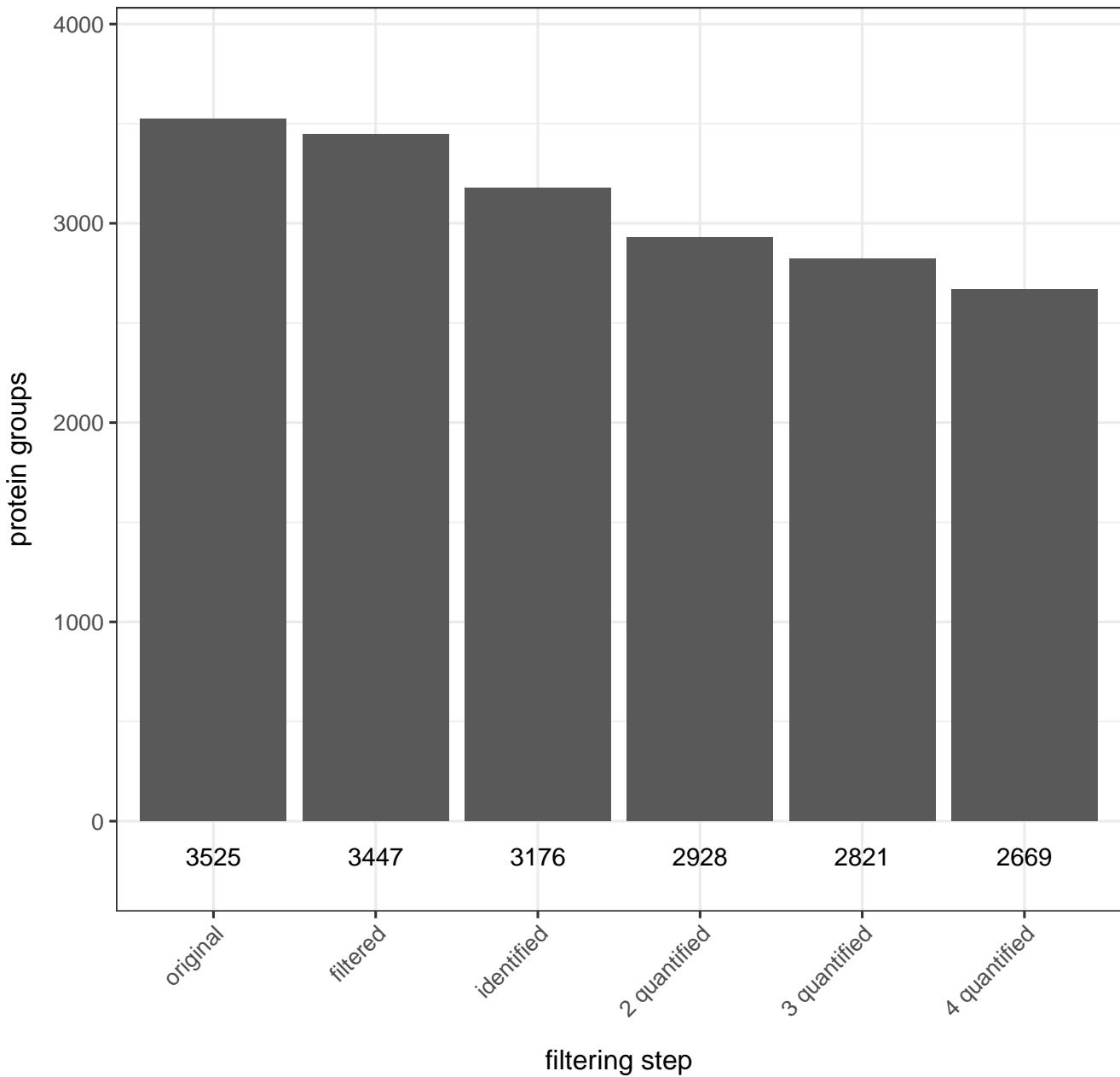
90% of the intensities change in 2.9 orders or magnitude



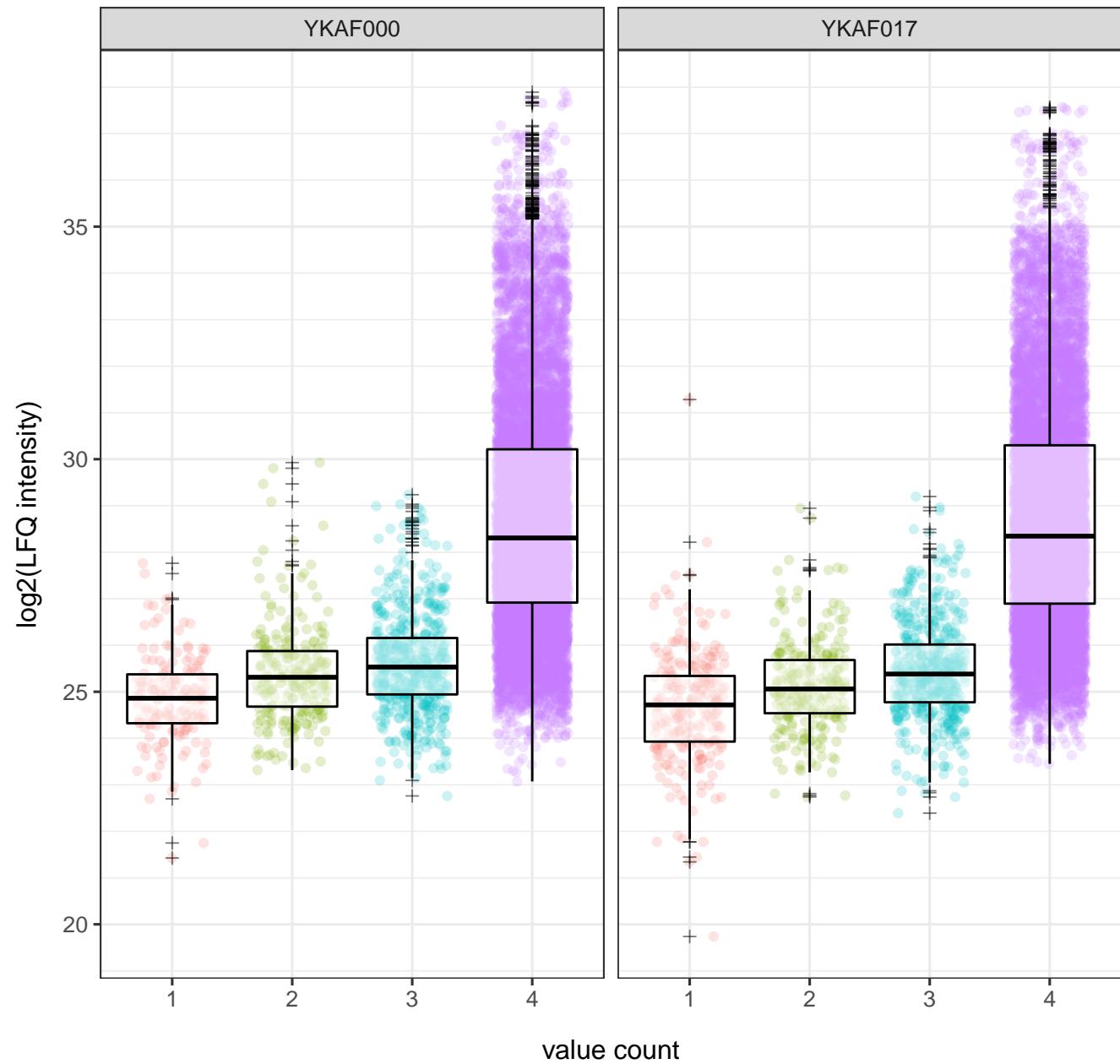
Protein abundance per replicate of LFQ values

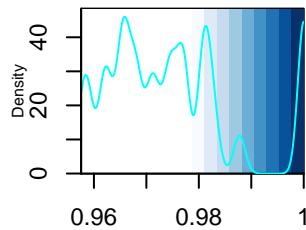


protein groups after each filtering step



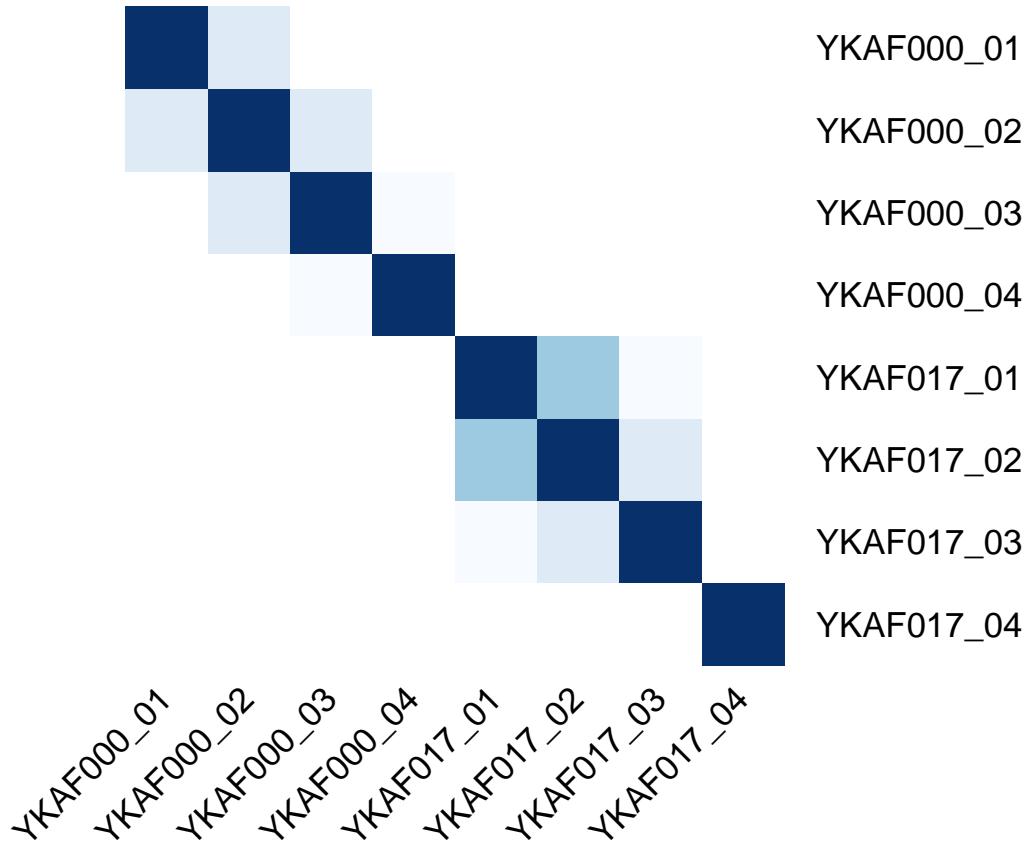
Measured intensity grouped by value counts

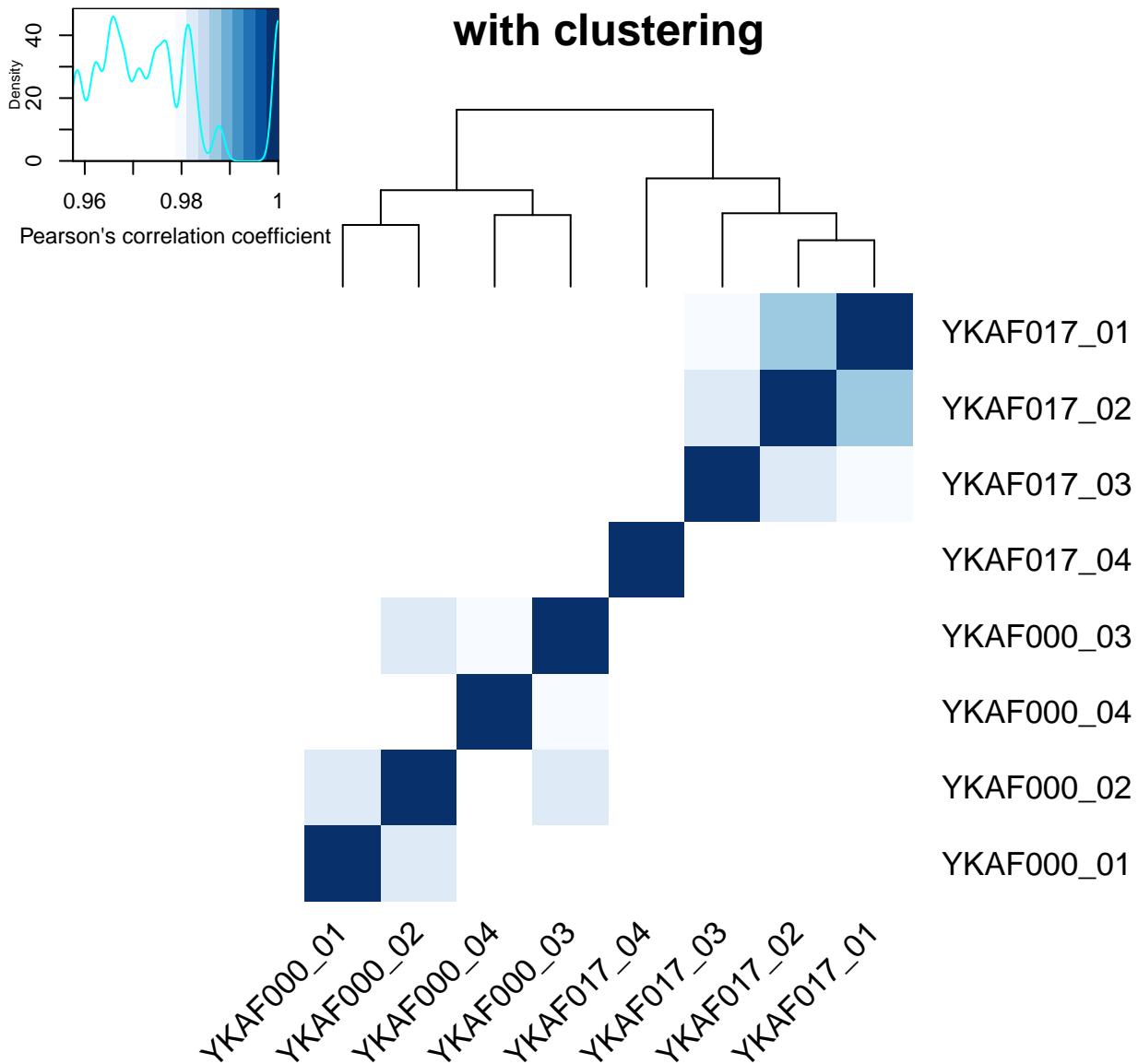




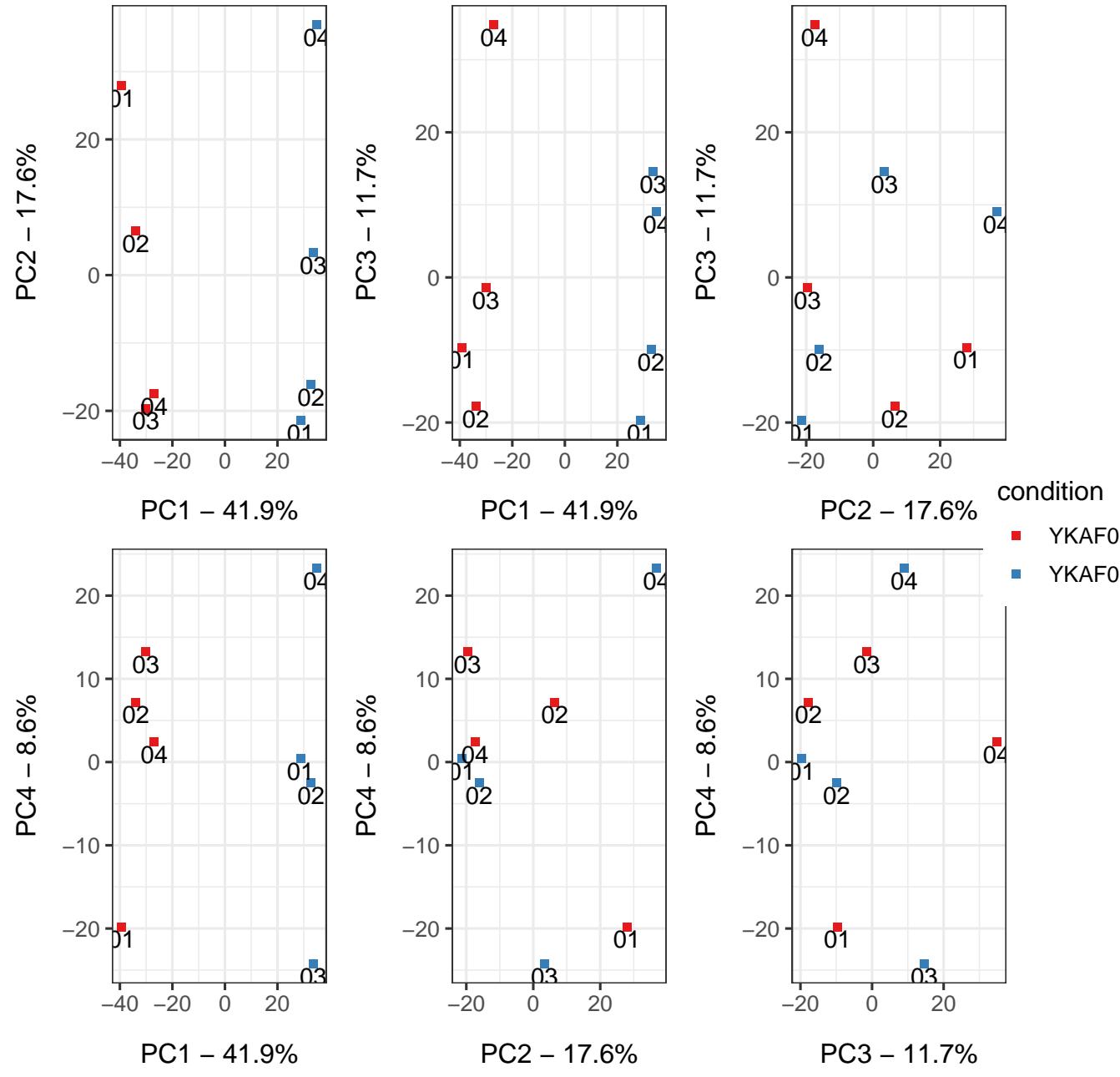
correlation between replicates

Pearson's correlation coefficient





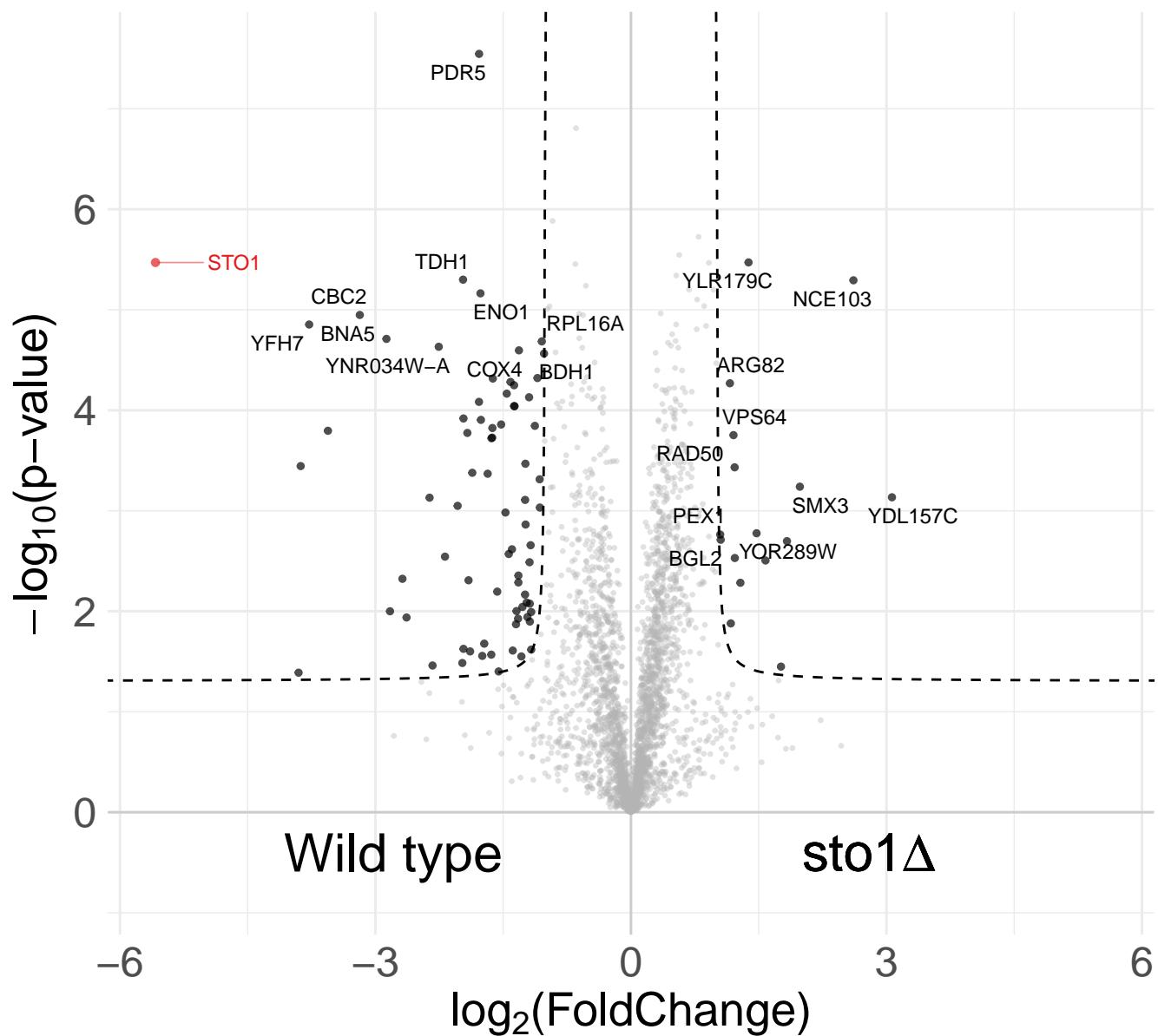
the principal component analysis



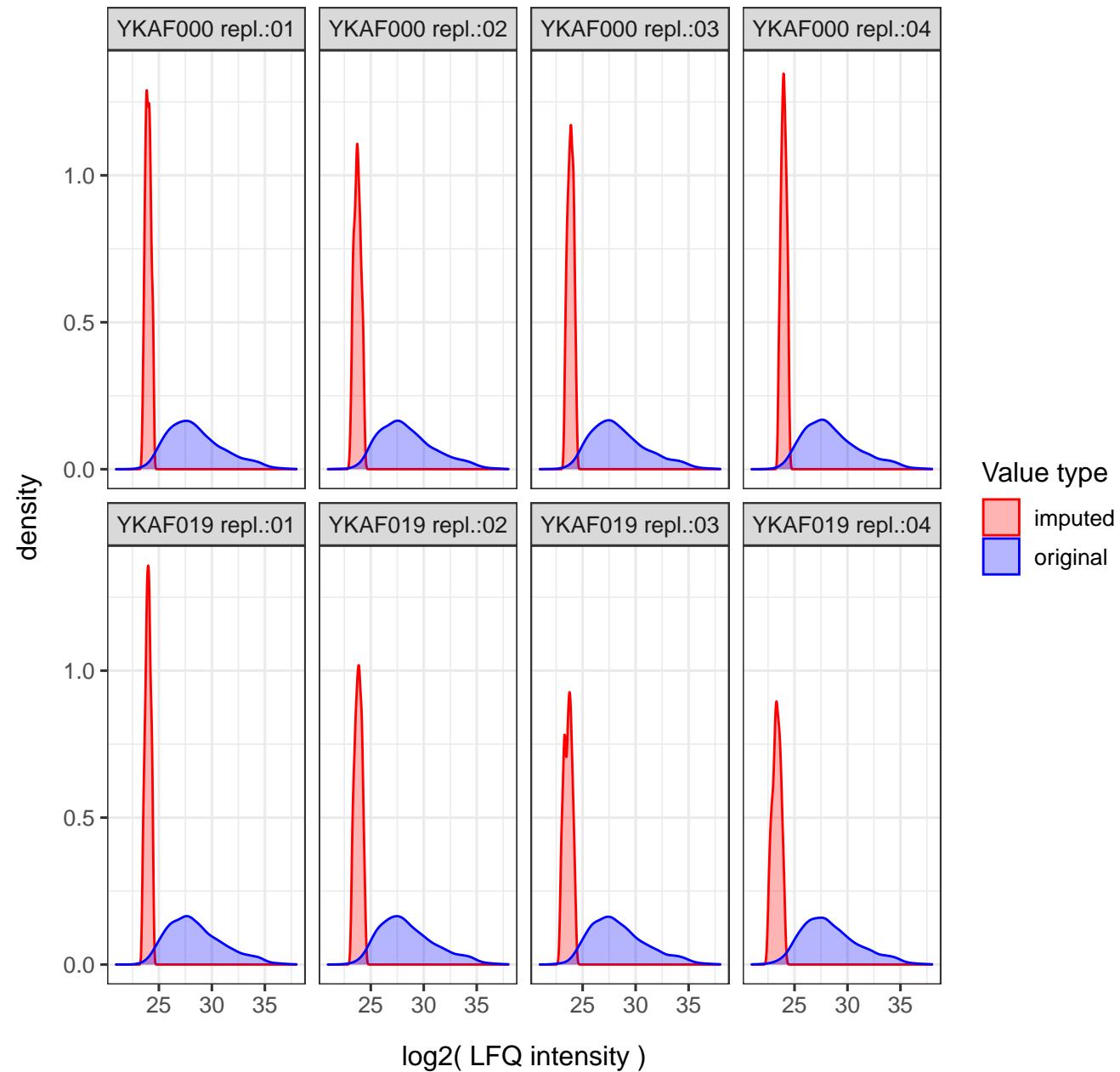
STO1 KO experiment

Volcano plot of STO1 KO against Wild type

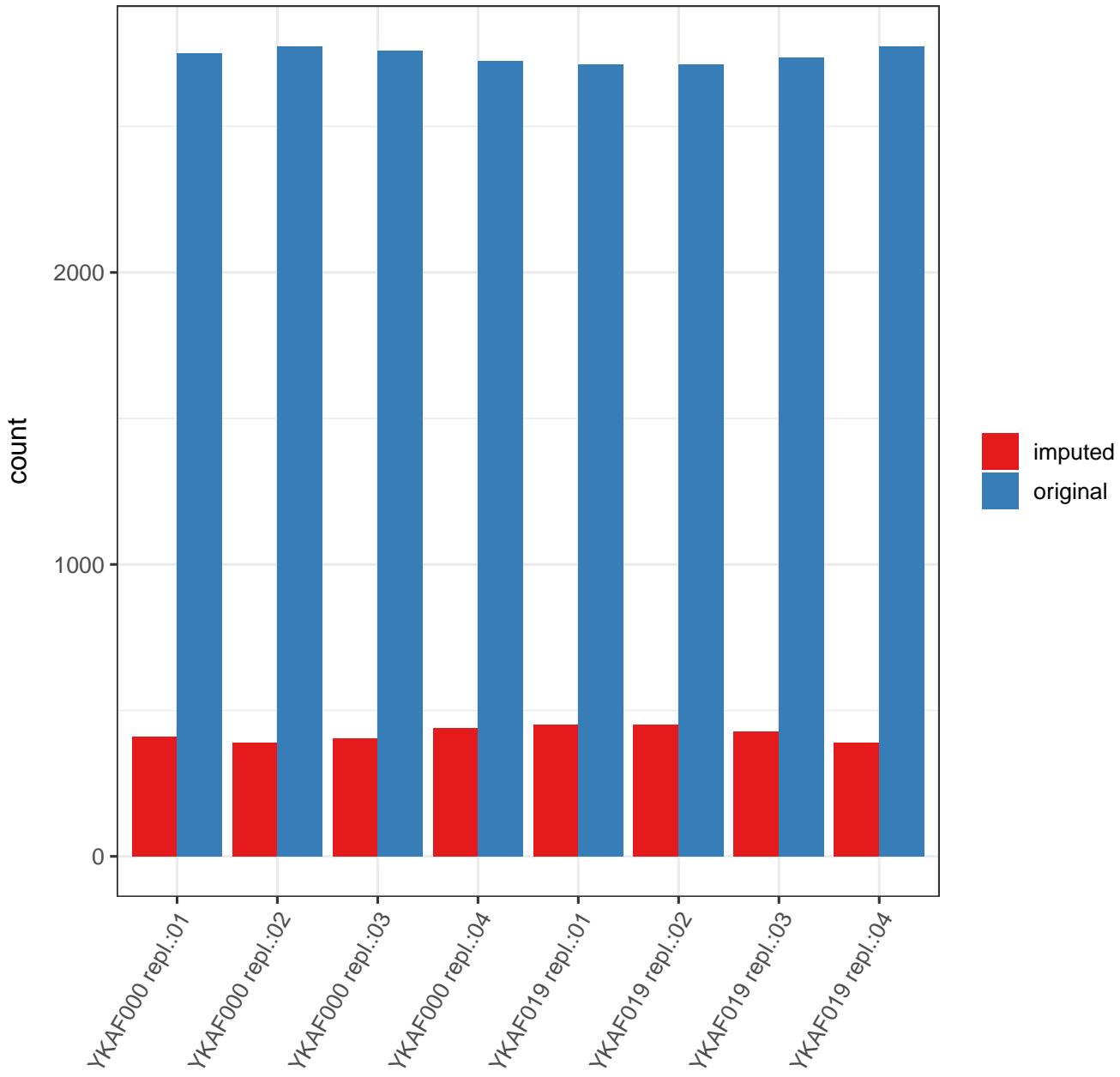
positive: 16; negative: 74; enriched: 90; background: 2838; total: 2928



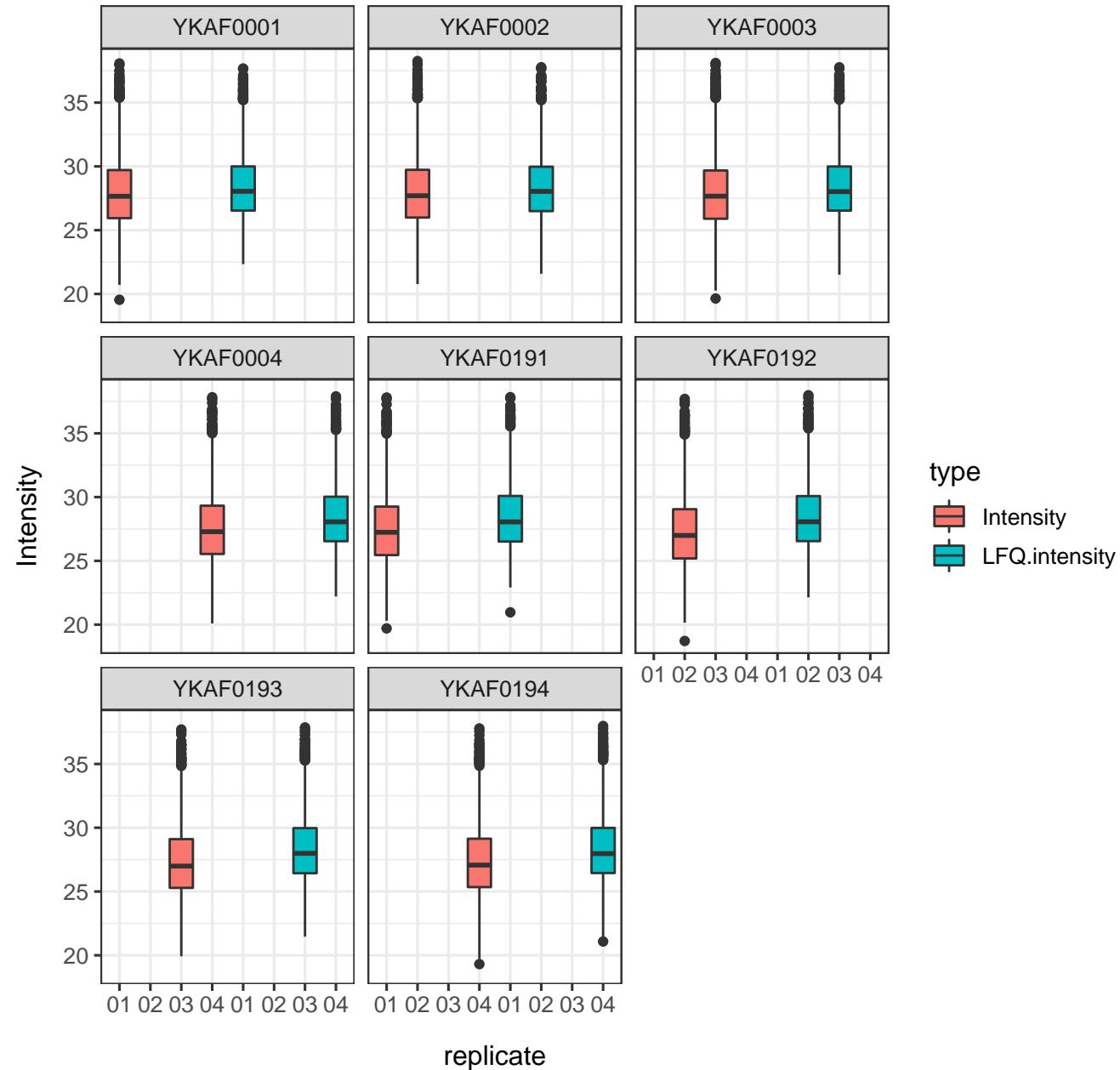
Comparison of imputed and measured values, grouped by replicate



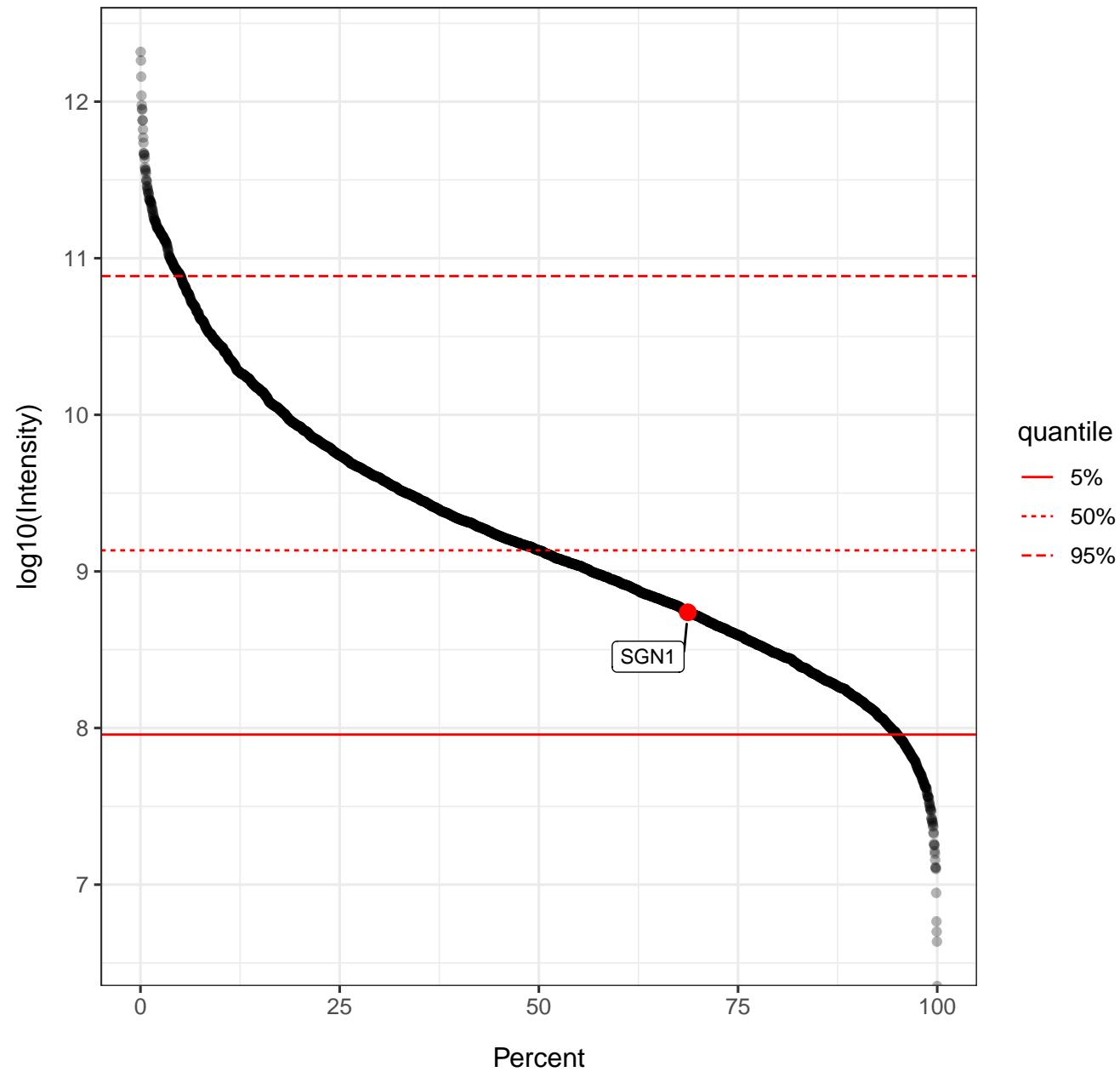
comparison imputed vs. measured



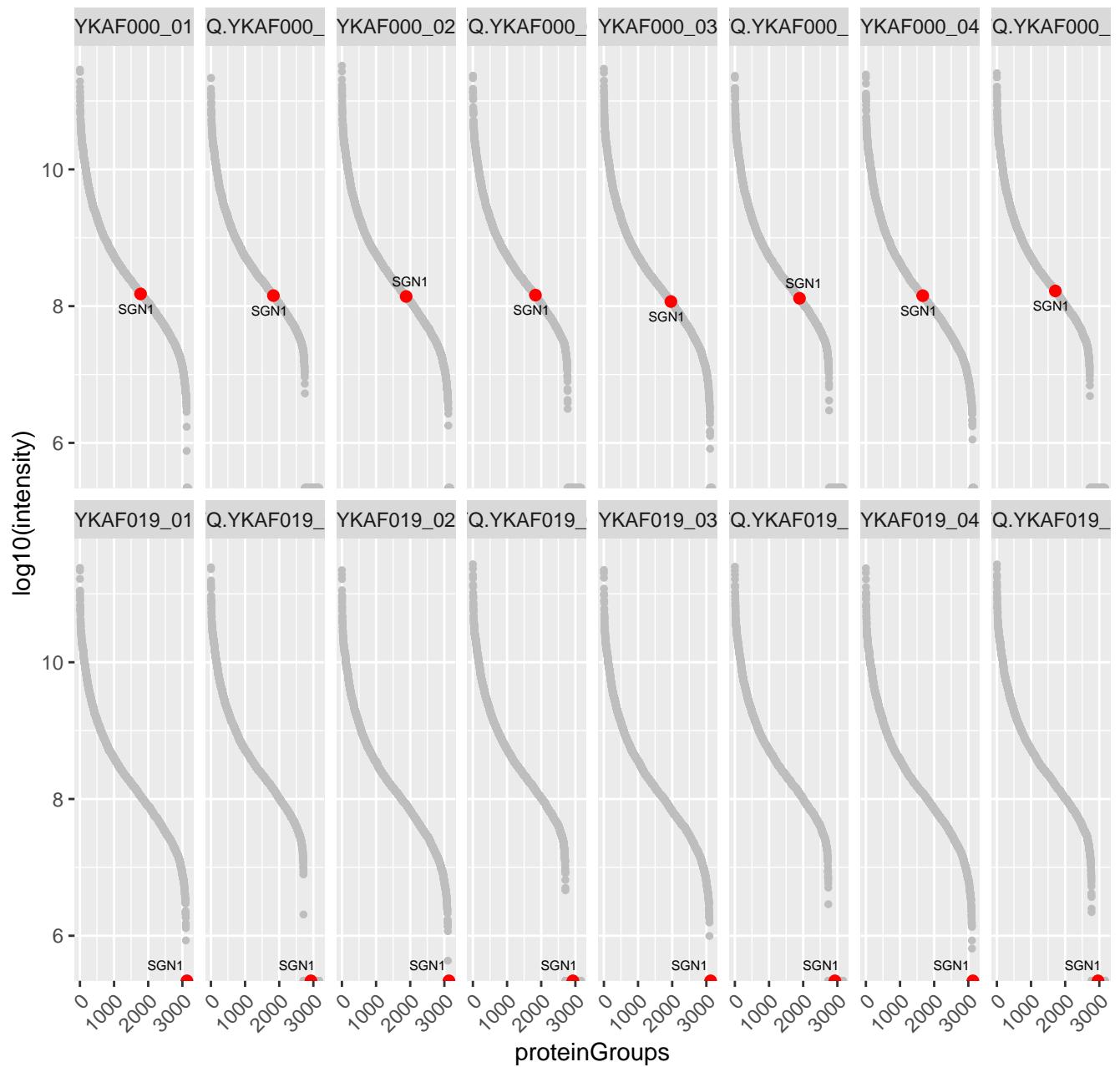
Intensity vs. LFQ Intensity w/o imputed



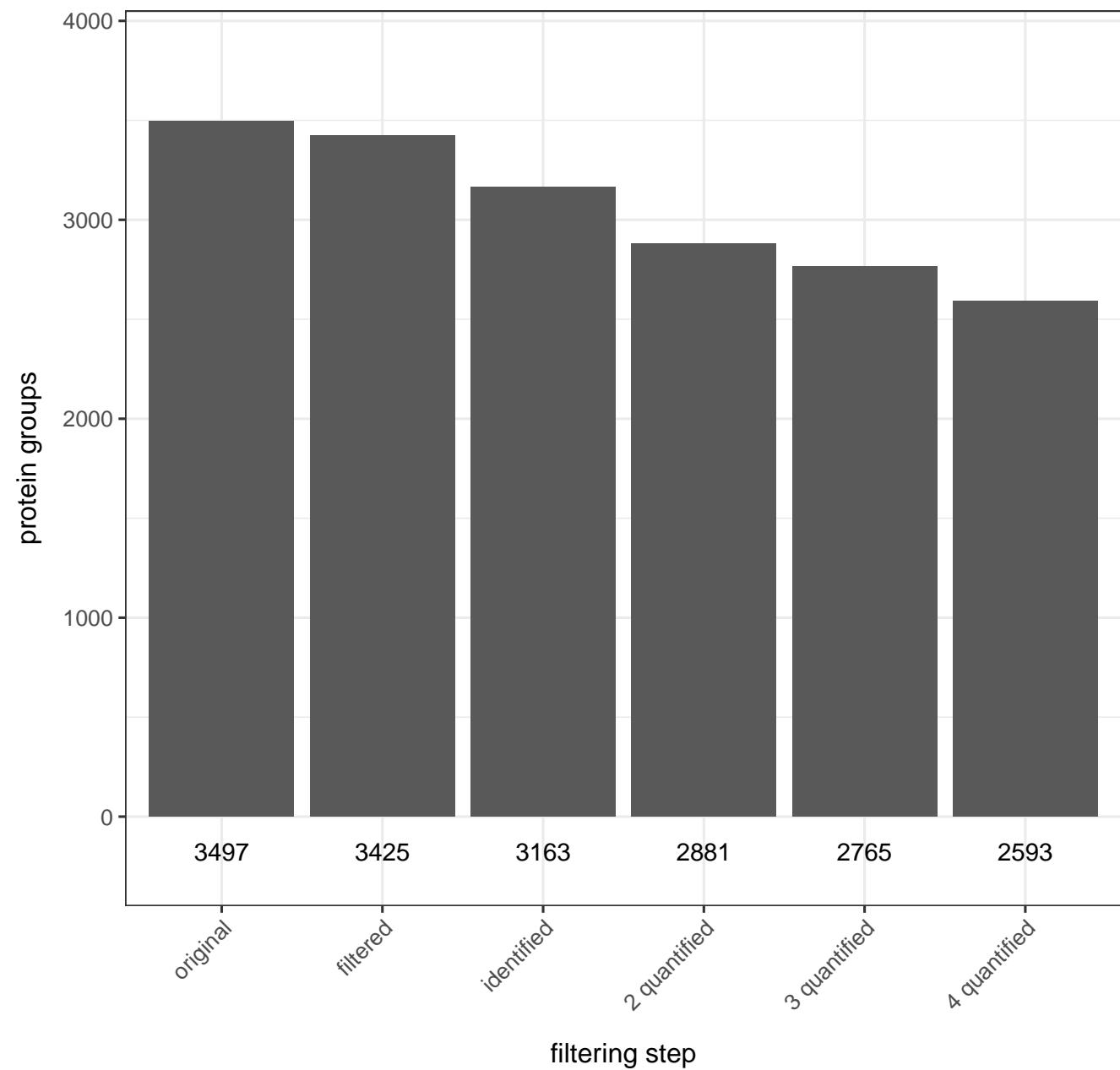
90% of the intensities change in 2.9 orders or magnitude



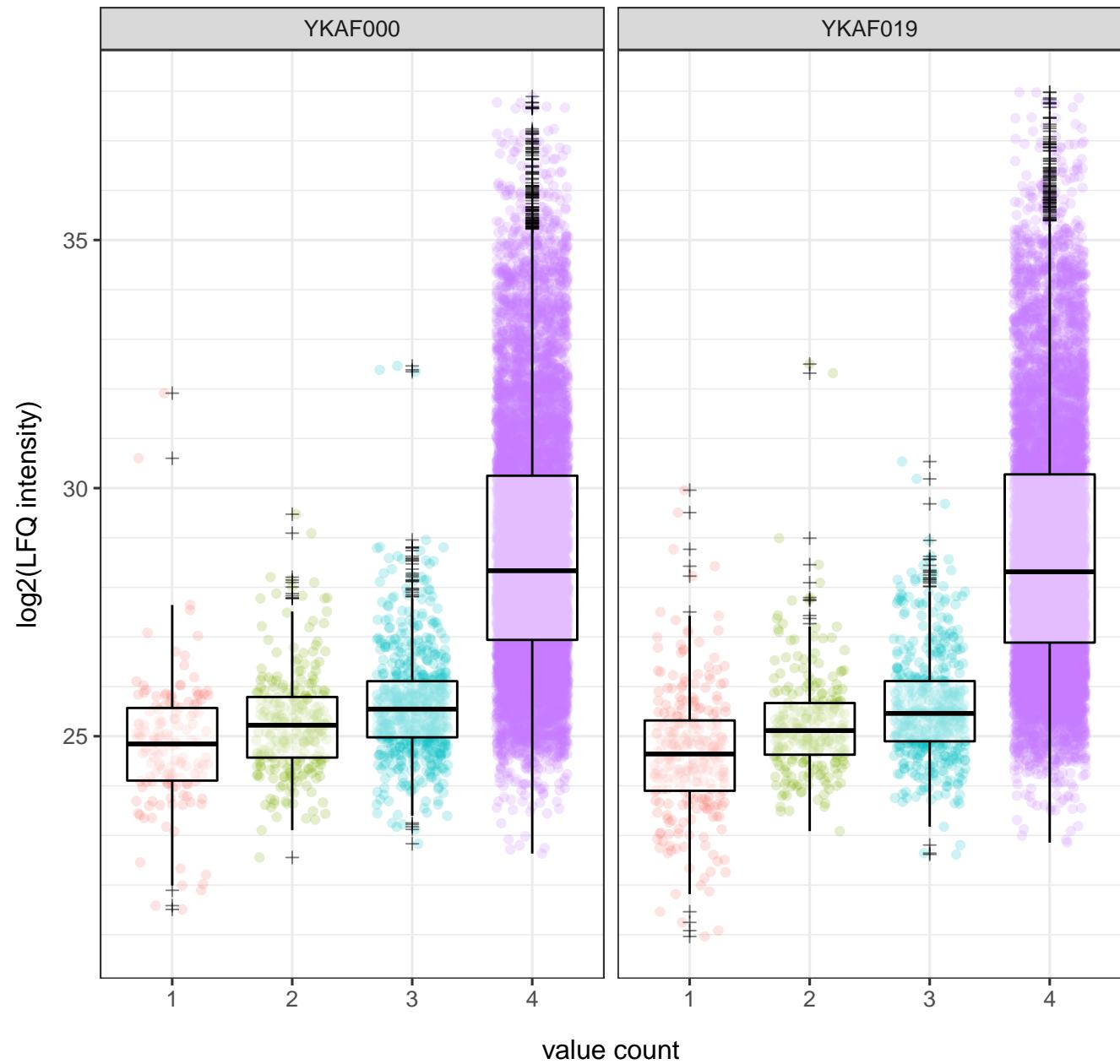
Protein abundance per replicate of LFQ values

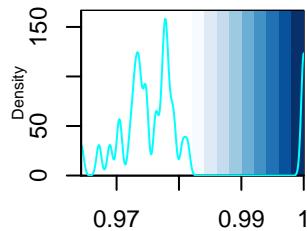


protein groups after each filtering step

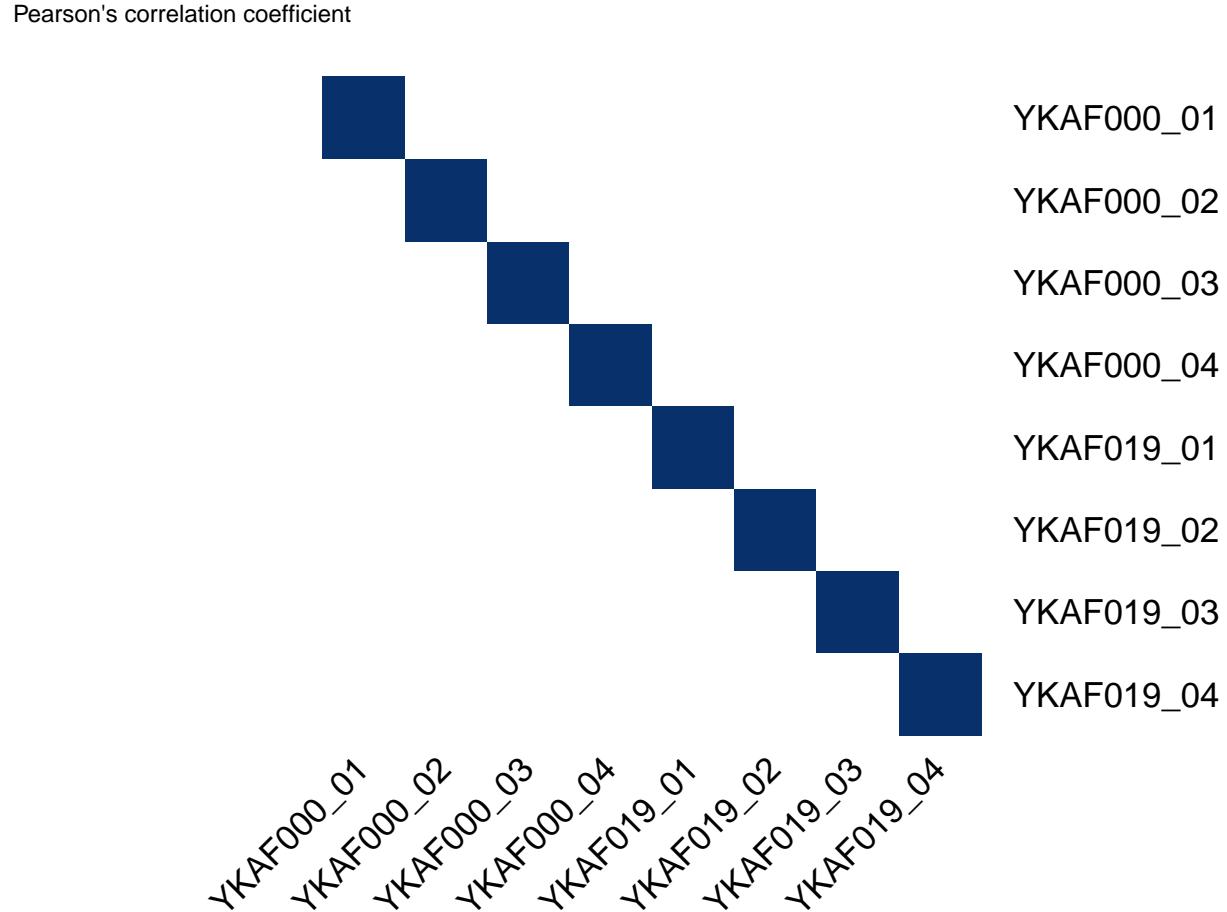


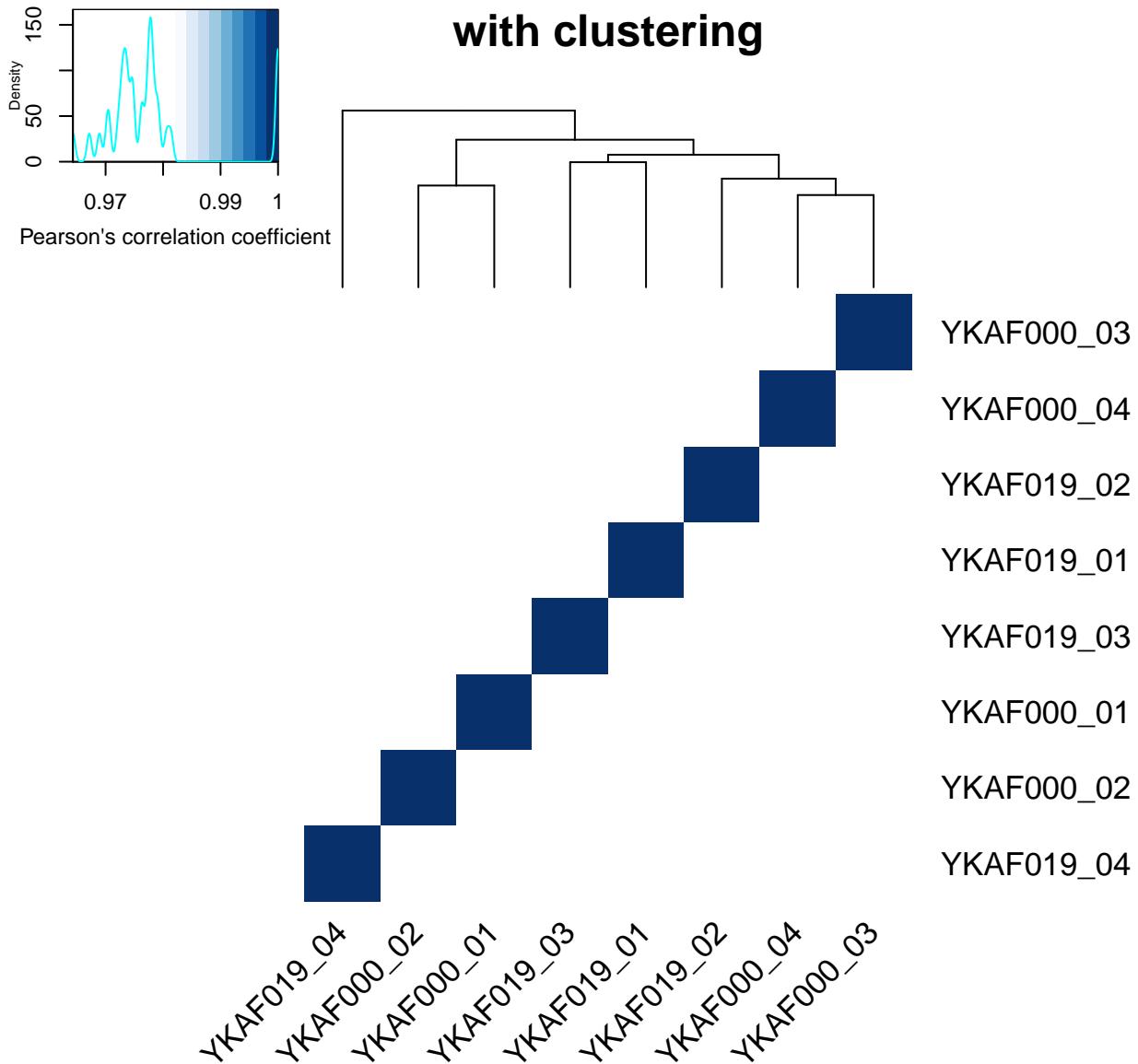
Measured intensity grouped by value counts



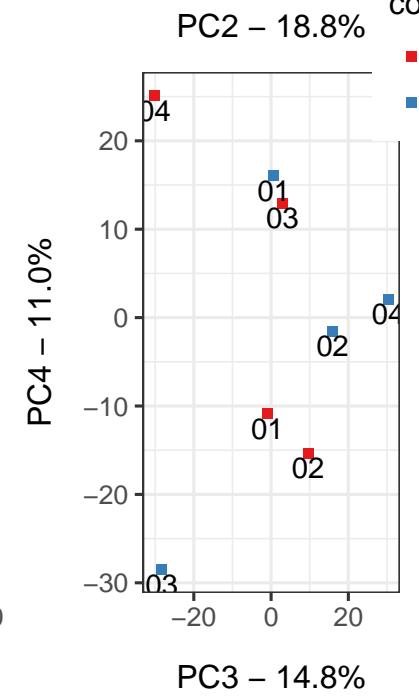
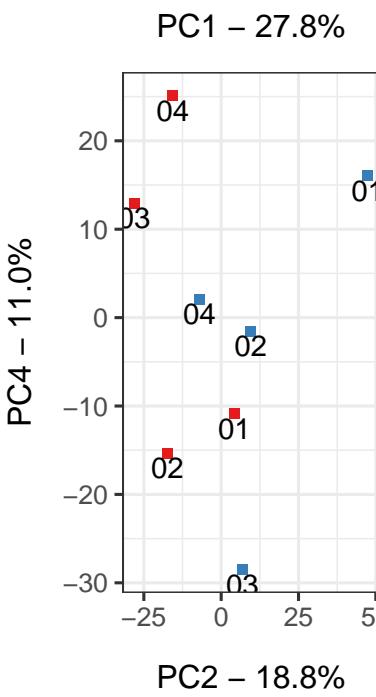
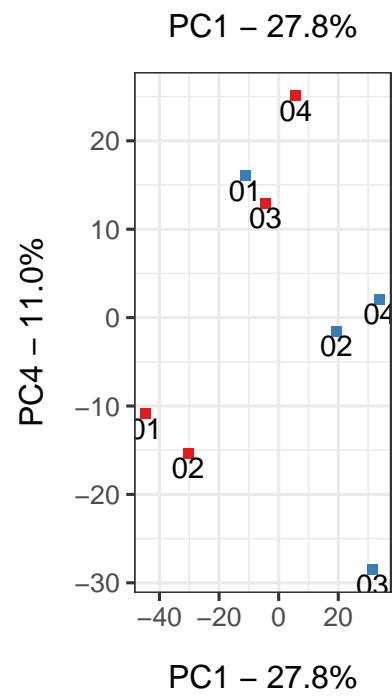
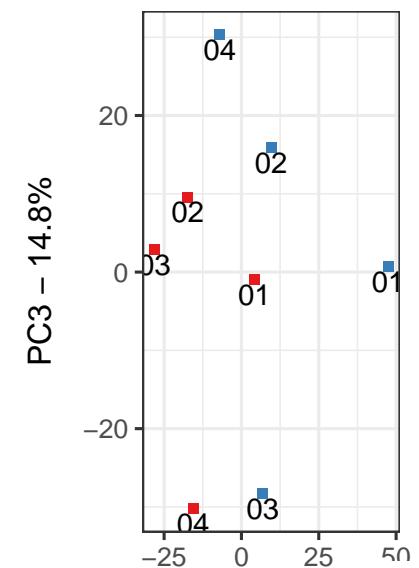
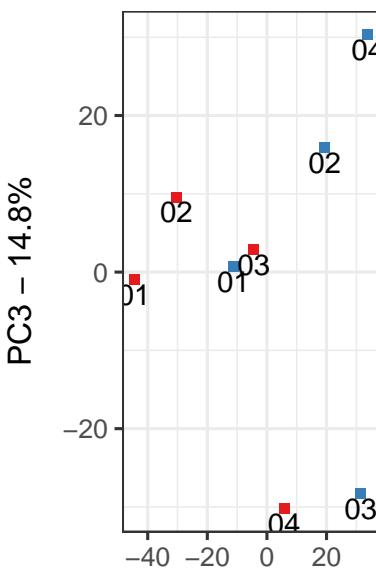
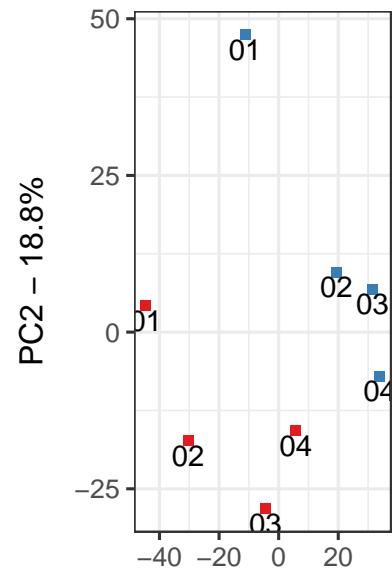


correlation between replicates





the principal component analysis



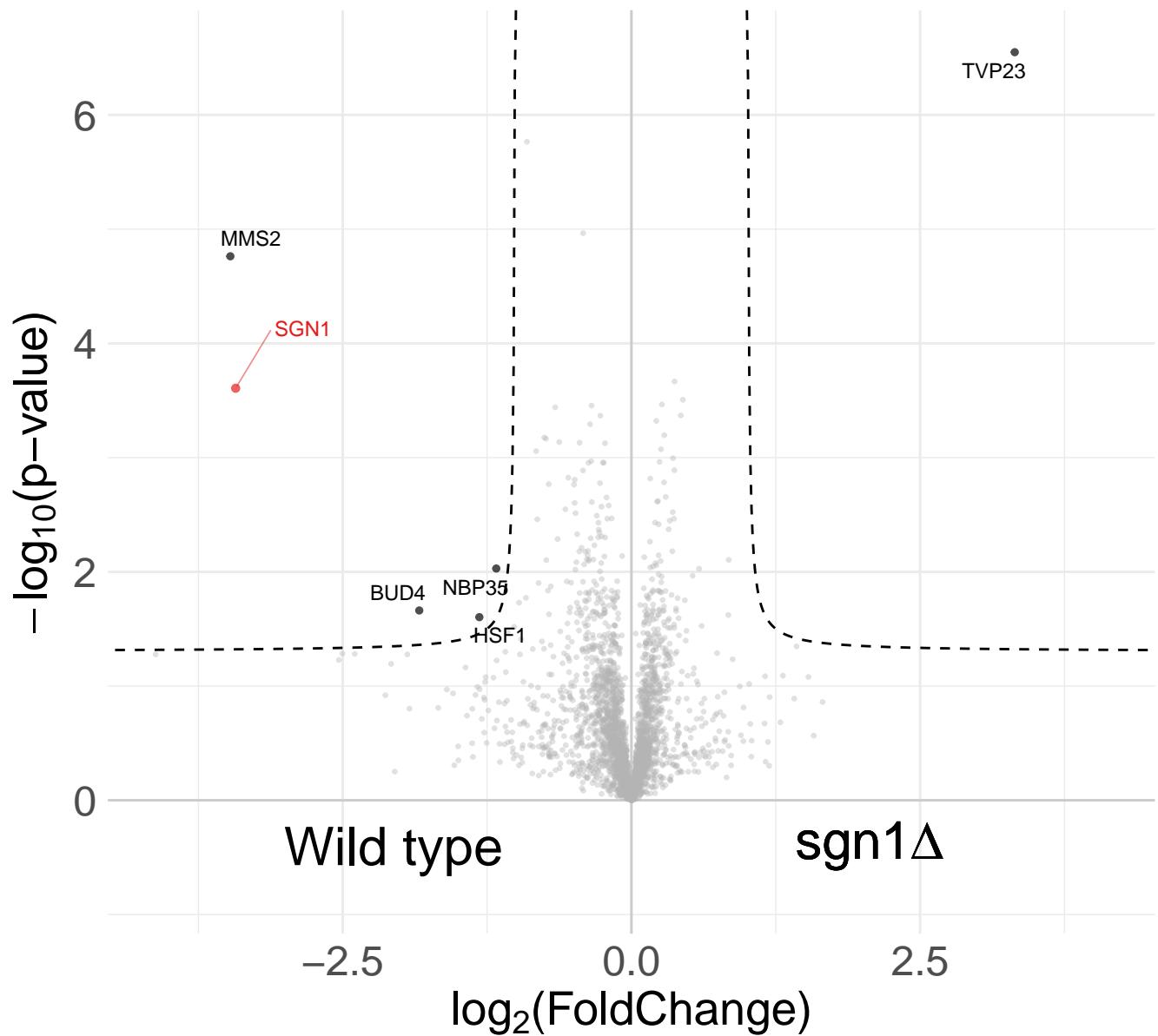
condition

- YKAFO1
- YKAFO2

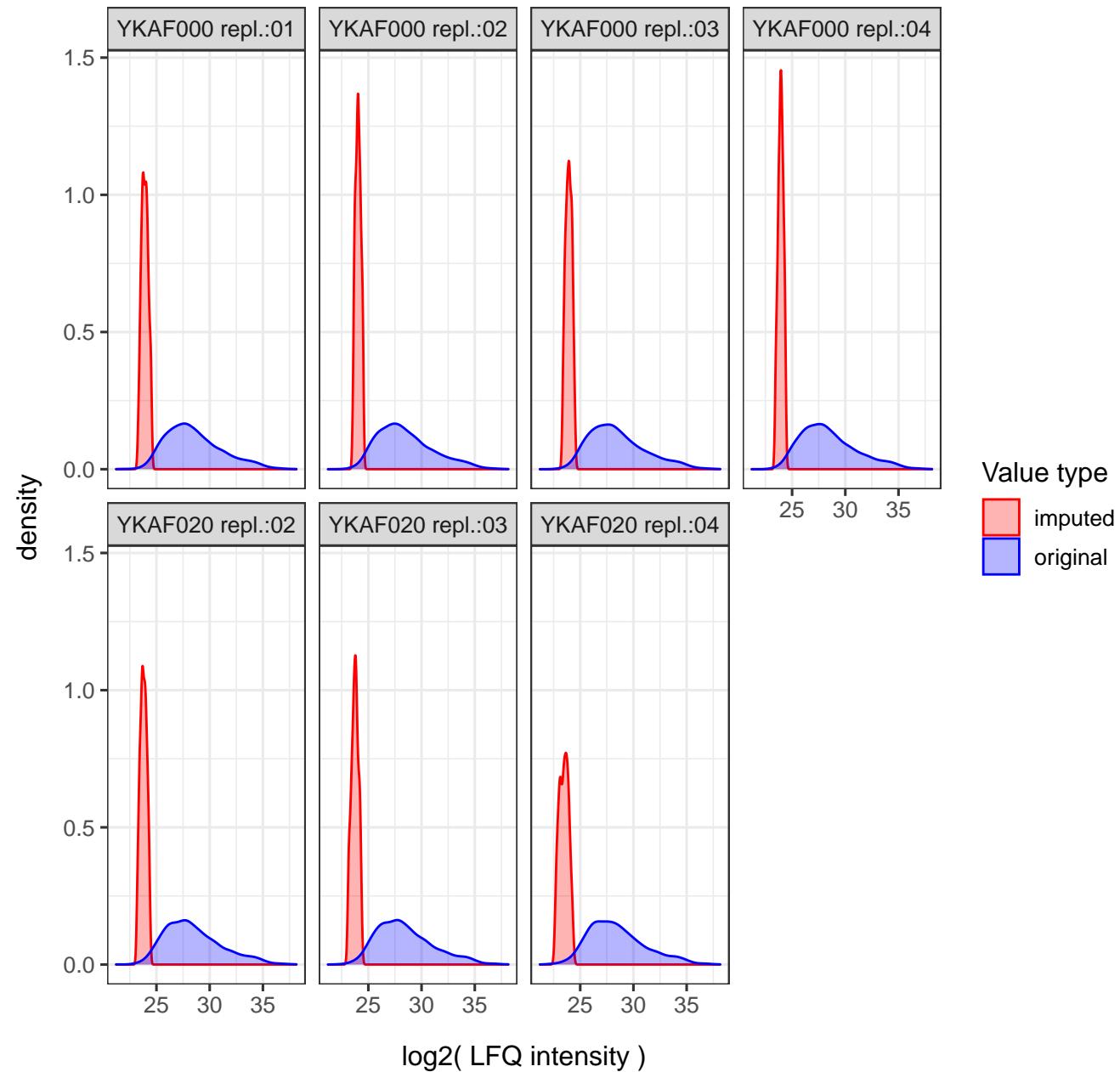
SGN1 KO experiment

Volcano plot of SGN1 KO against Wild type

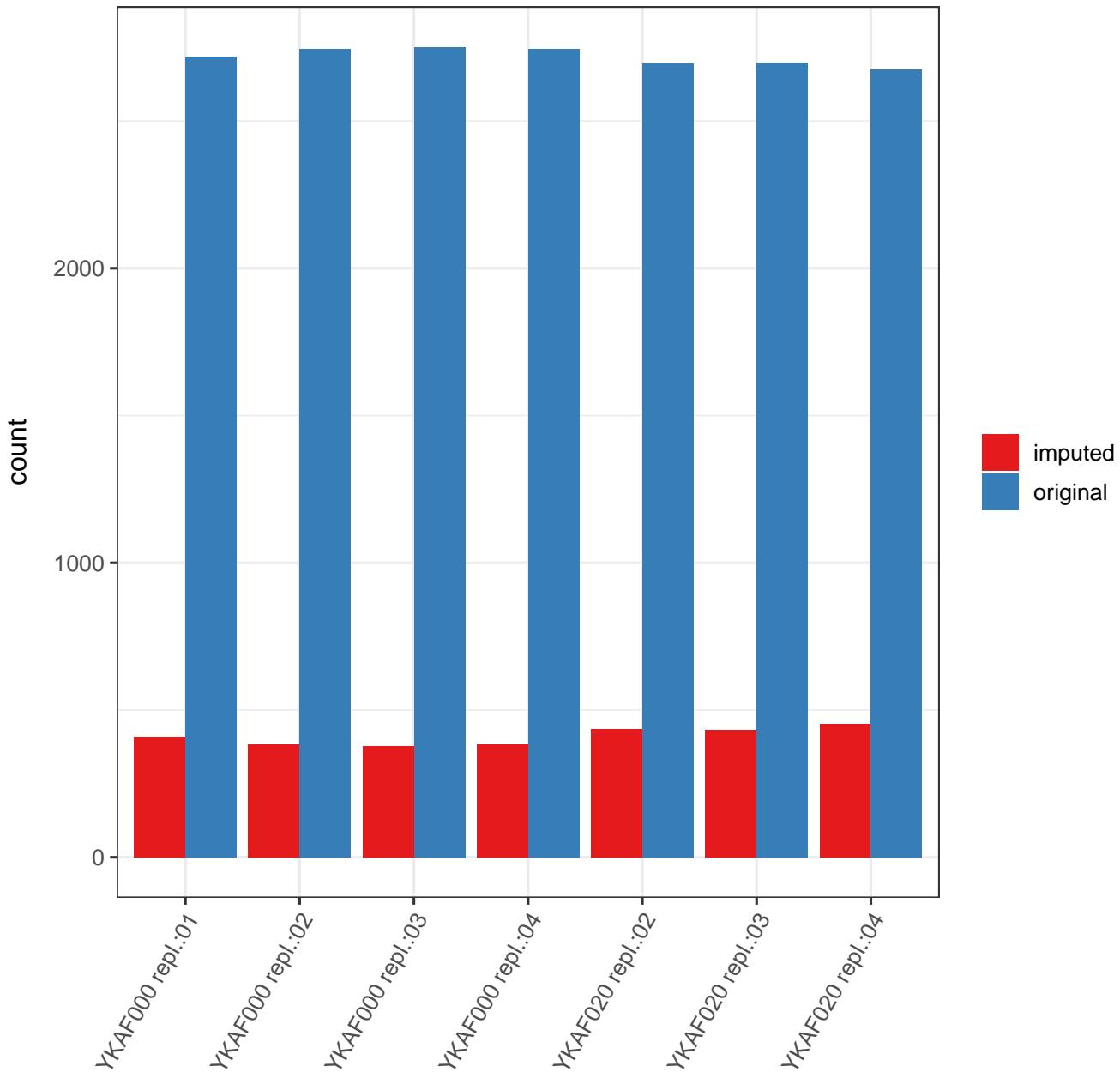
positive: 1; negative: 5; enriched: 6; background: 2875; total: 2881



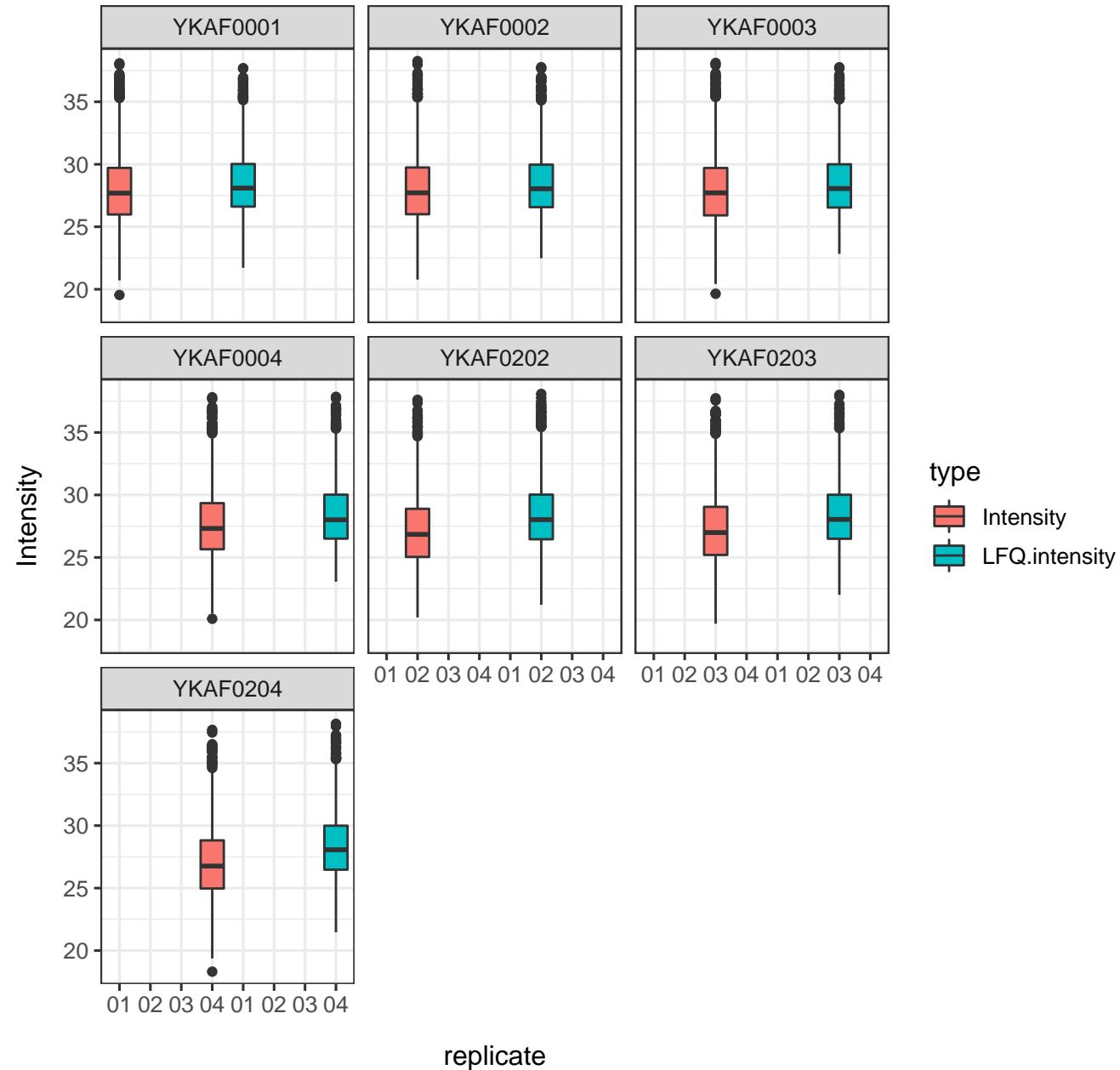
Comparison of imputed and measured values, grouped by replicate



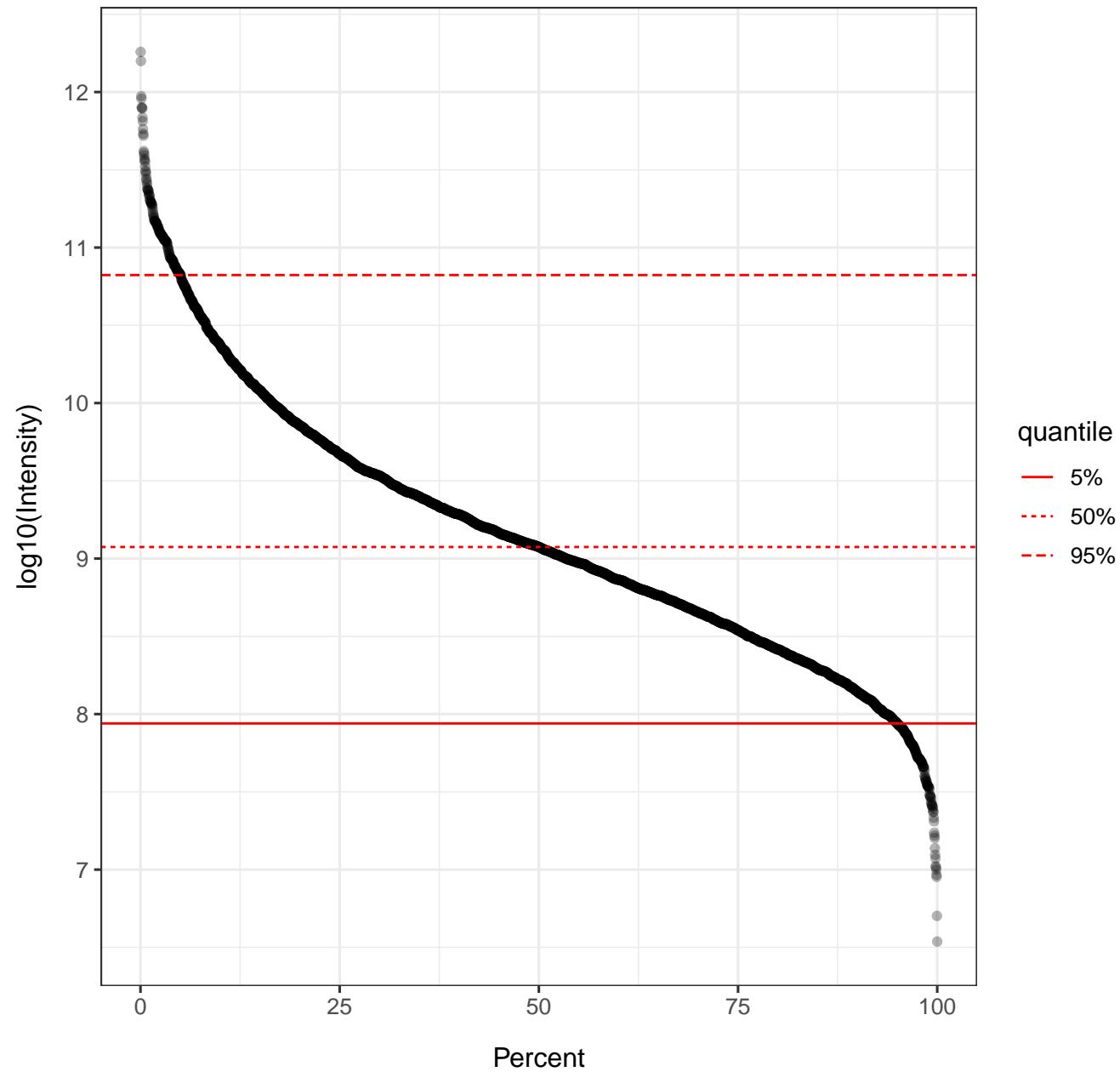
comparison imputed vs. measured



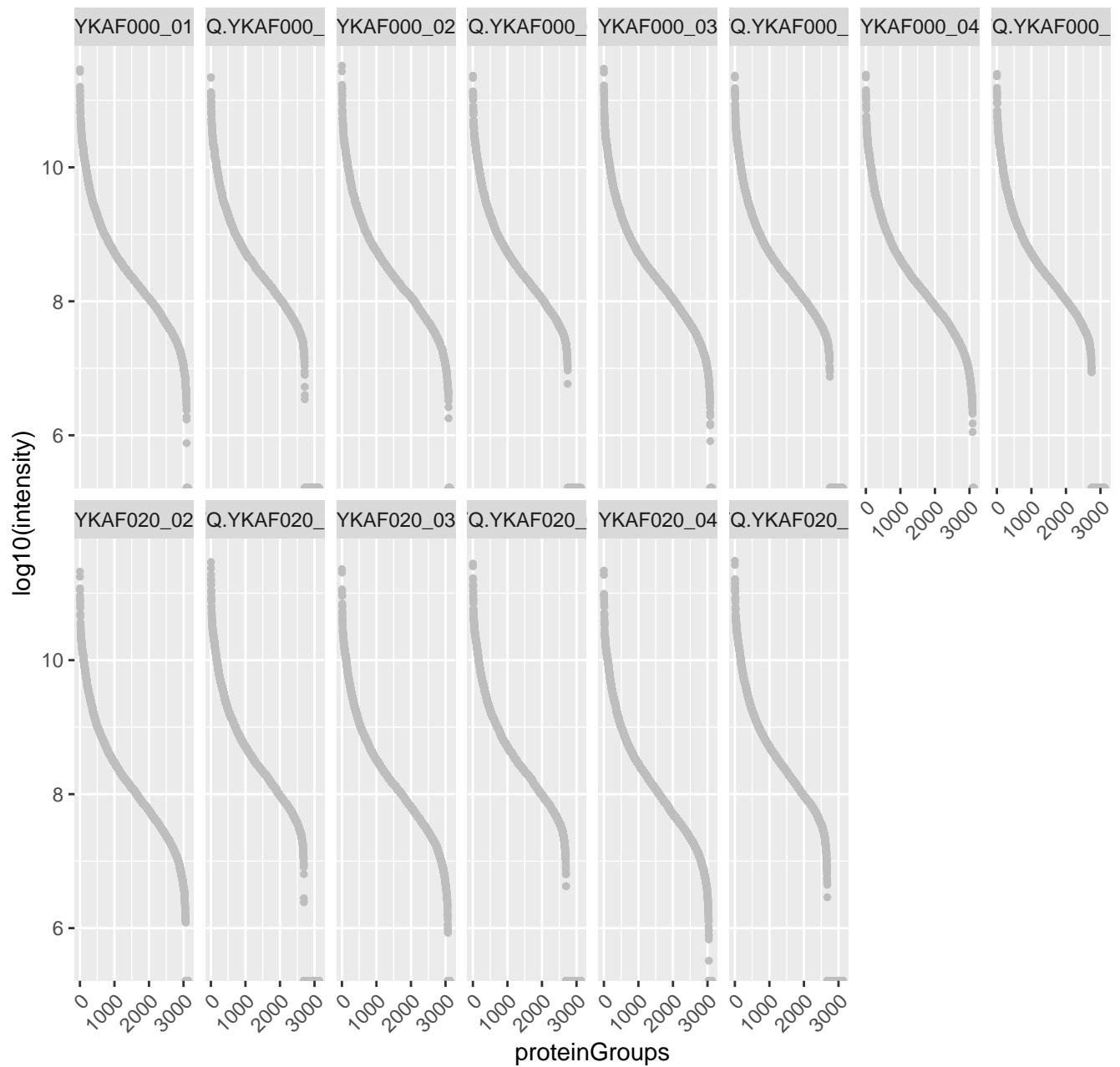
Intensity vs. LFQ Intensity w/o imputed



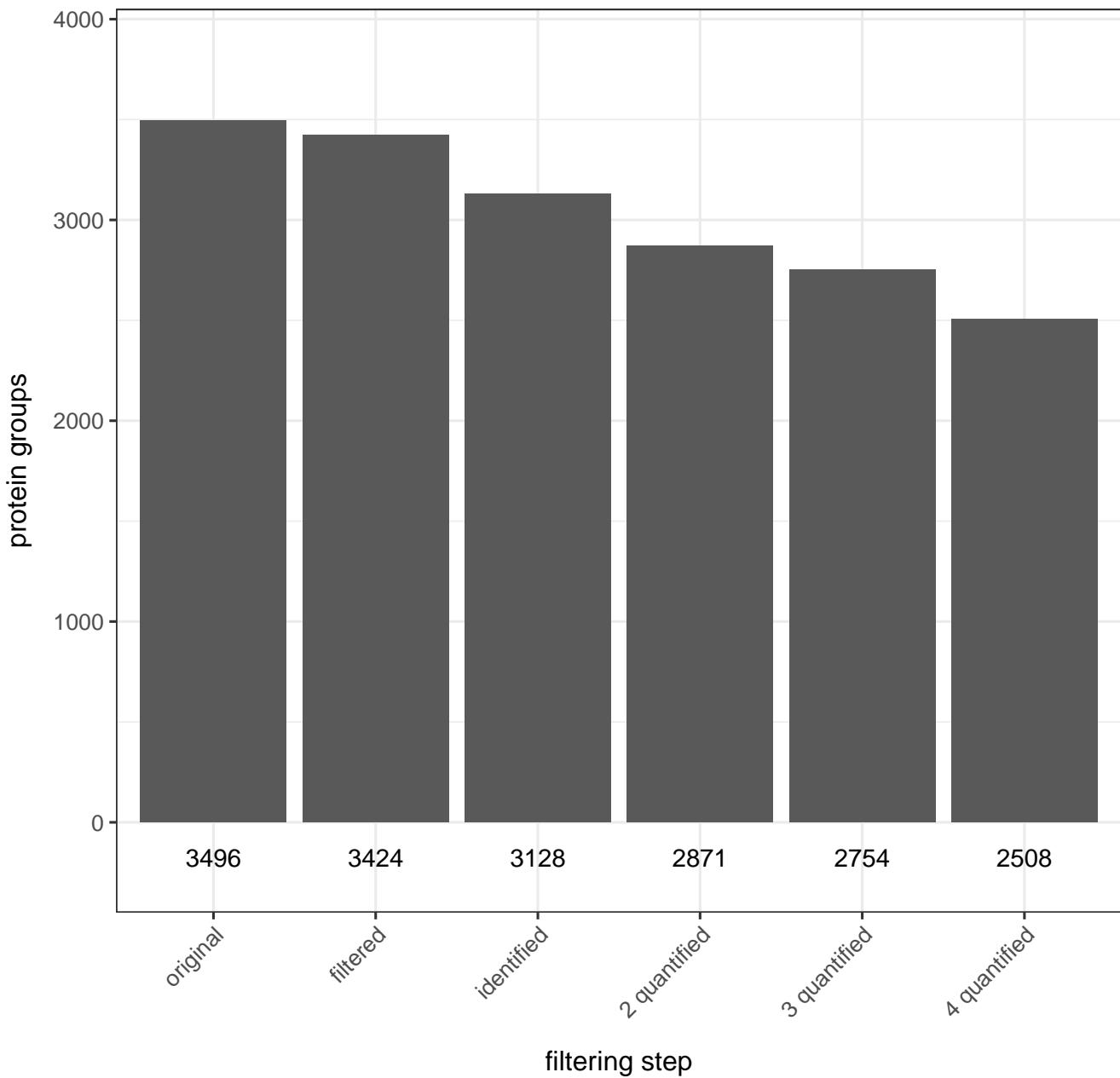
90% of the intensities change in 2.9 orders or magnitude



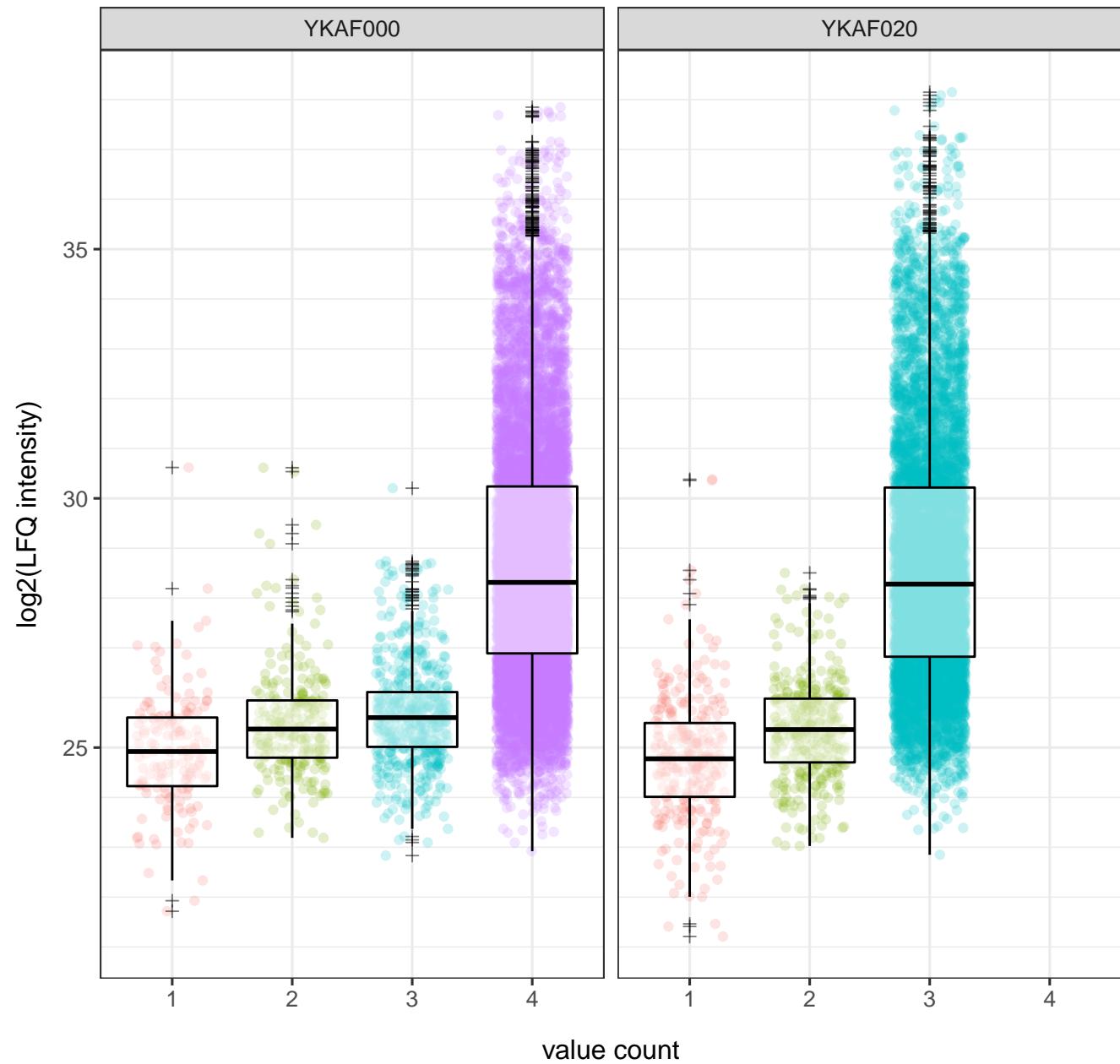
Protein abundance per replicate of LFQ values

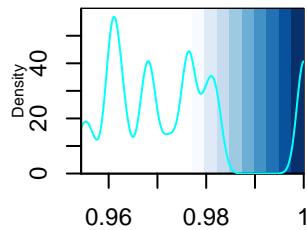


protein groups after each filtering step



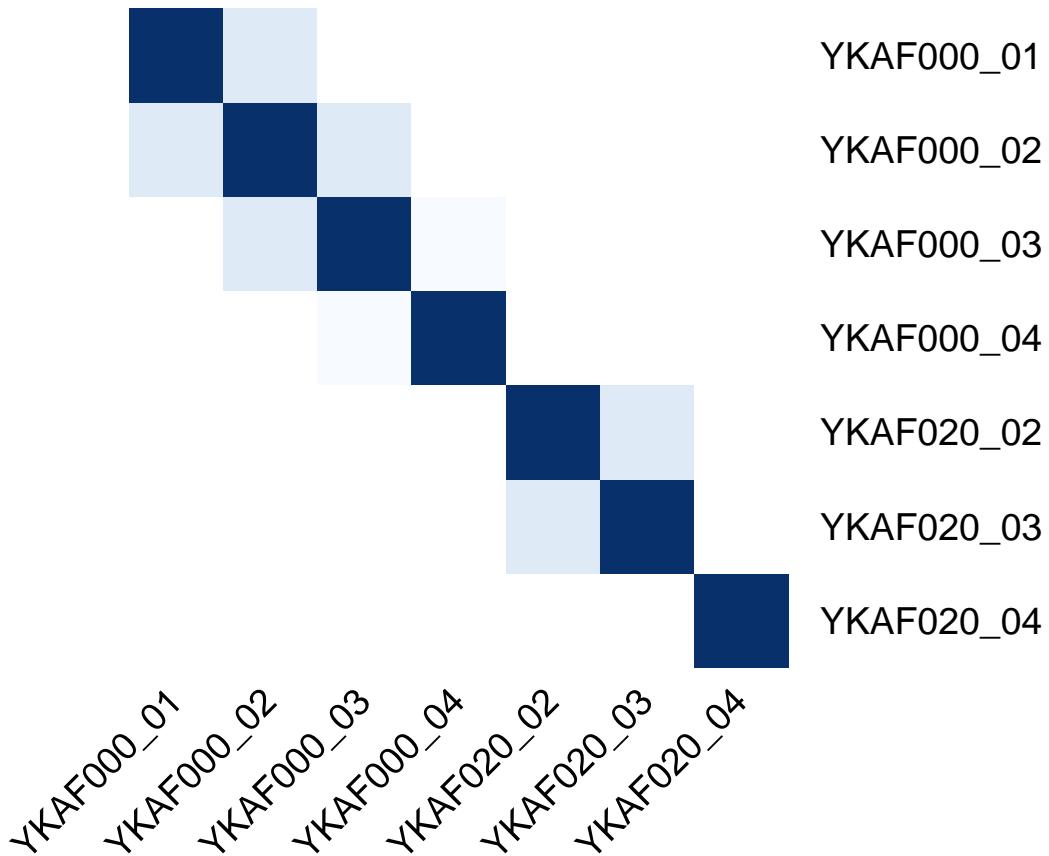
Measured intensity grouped by value counts

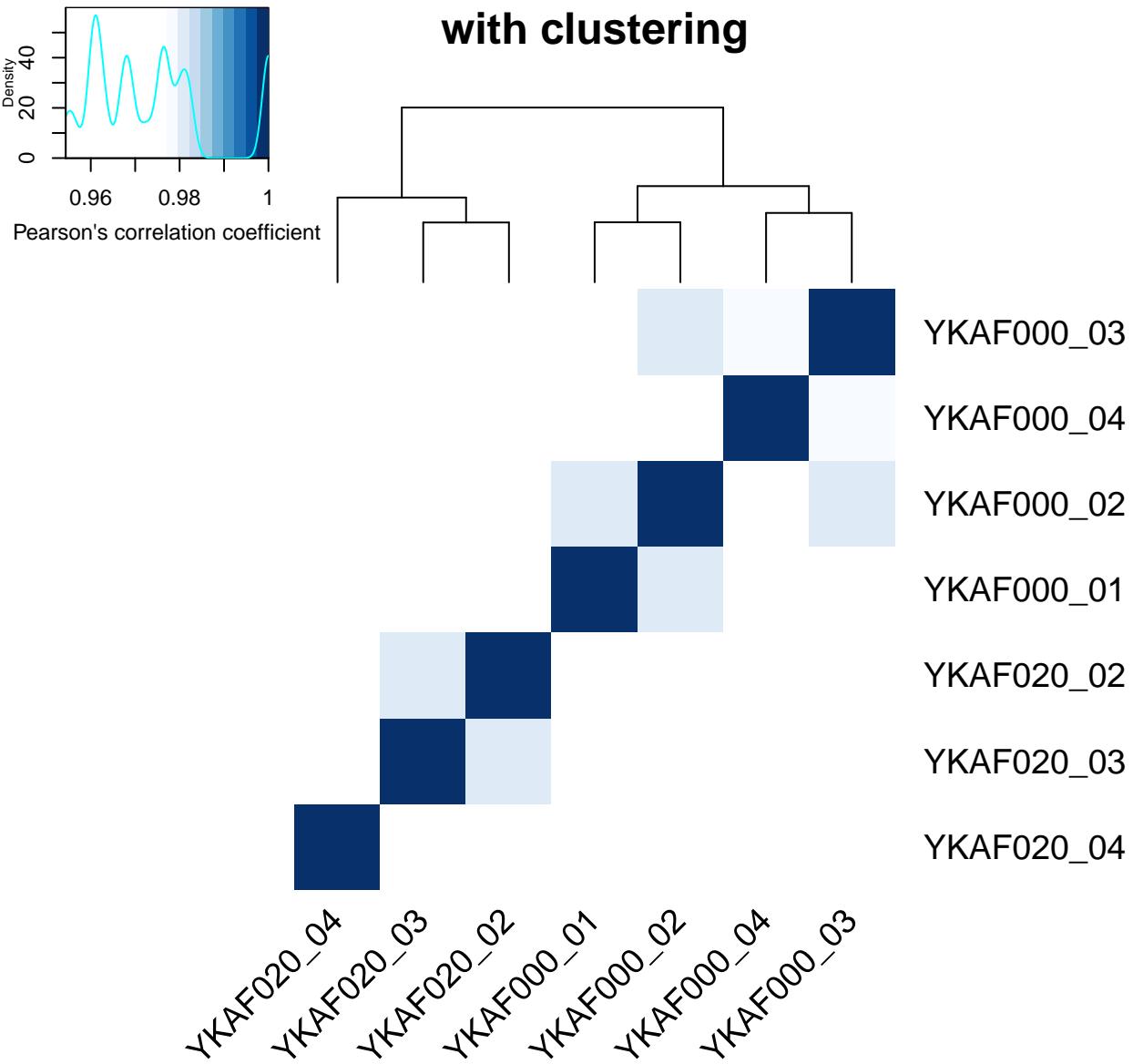




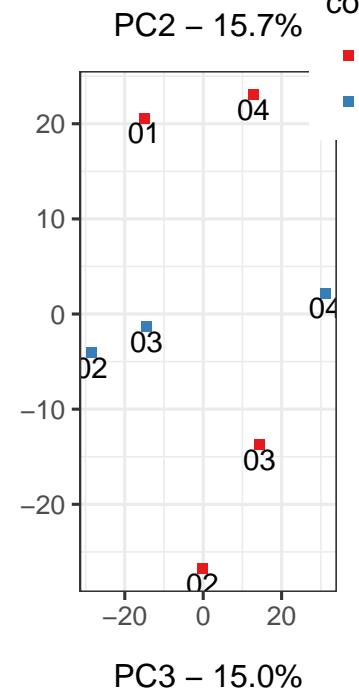
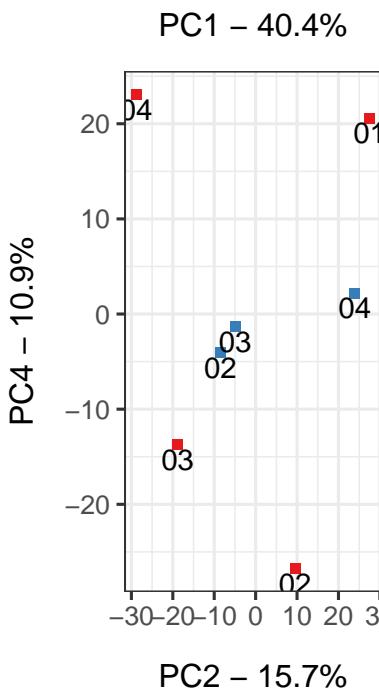
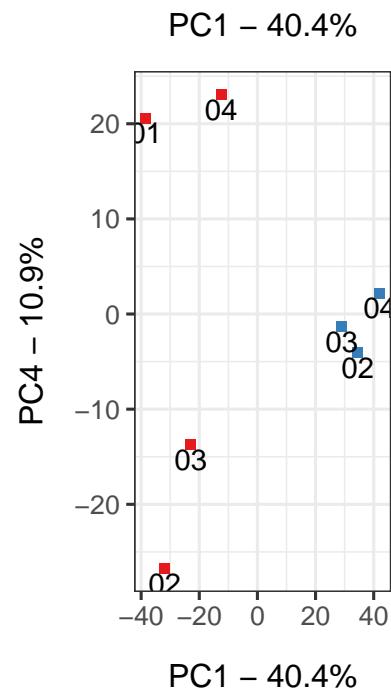
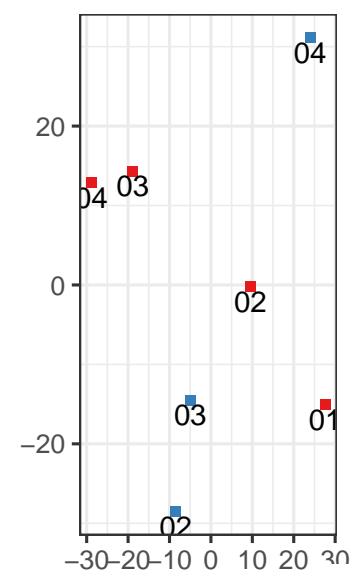
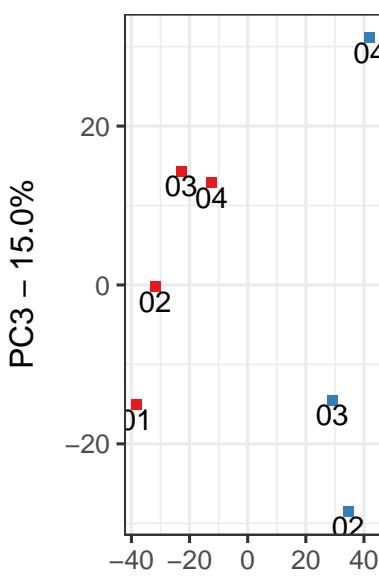
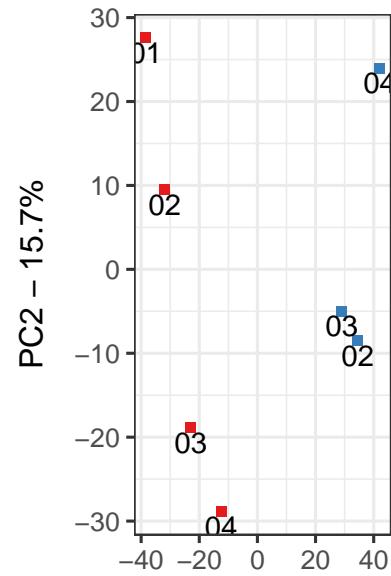
correlation between replicates

Pearson's correlation coefficient





the principal component analysis



condition

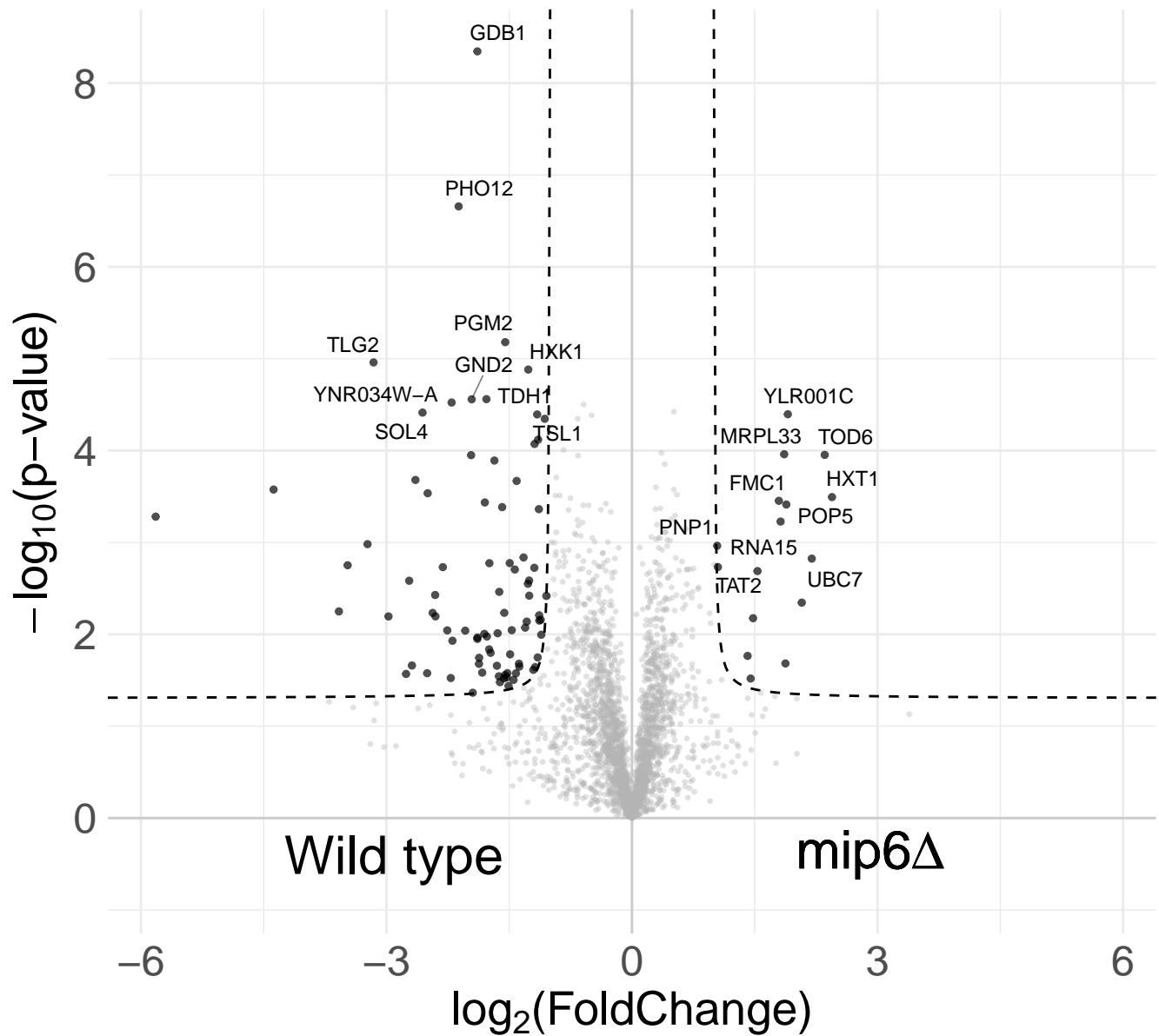
YKAFO1

YKAFO2

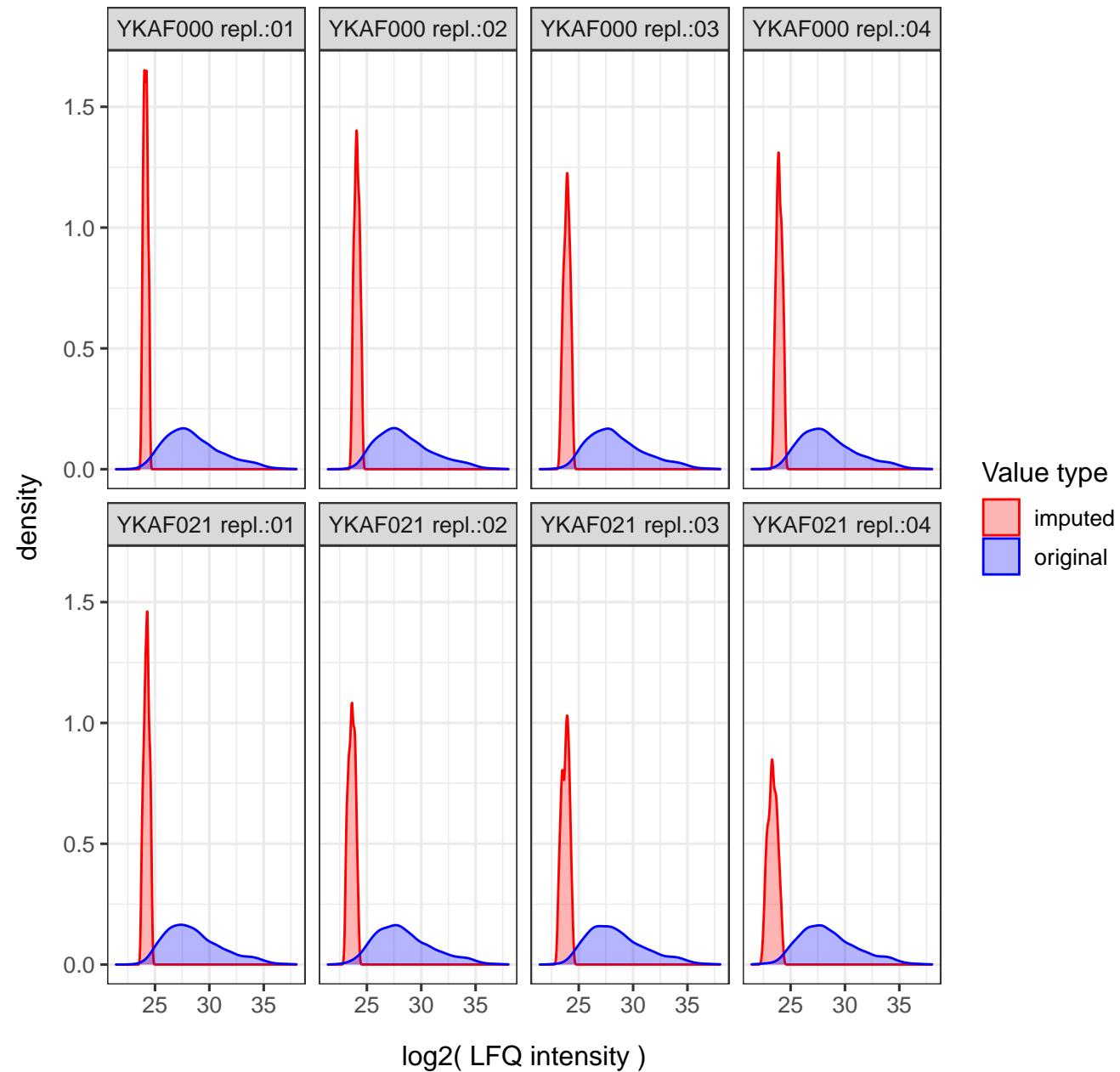
MIP6 KO experiment

Volcano plot of MIP6 KO against Wild type

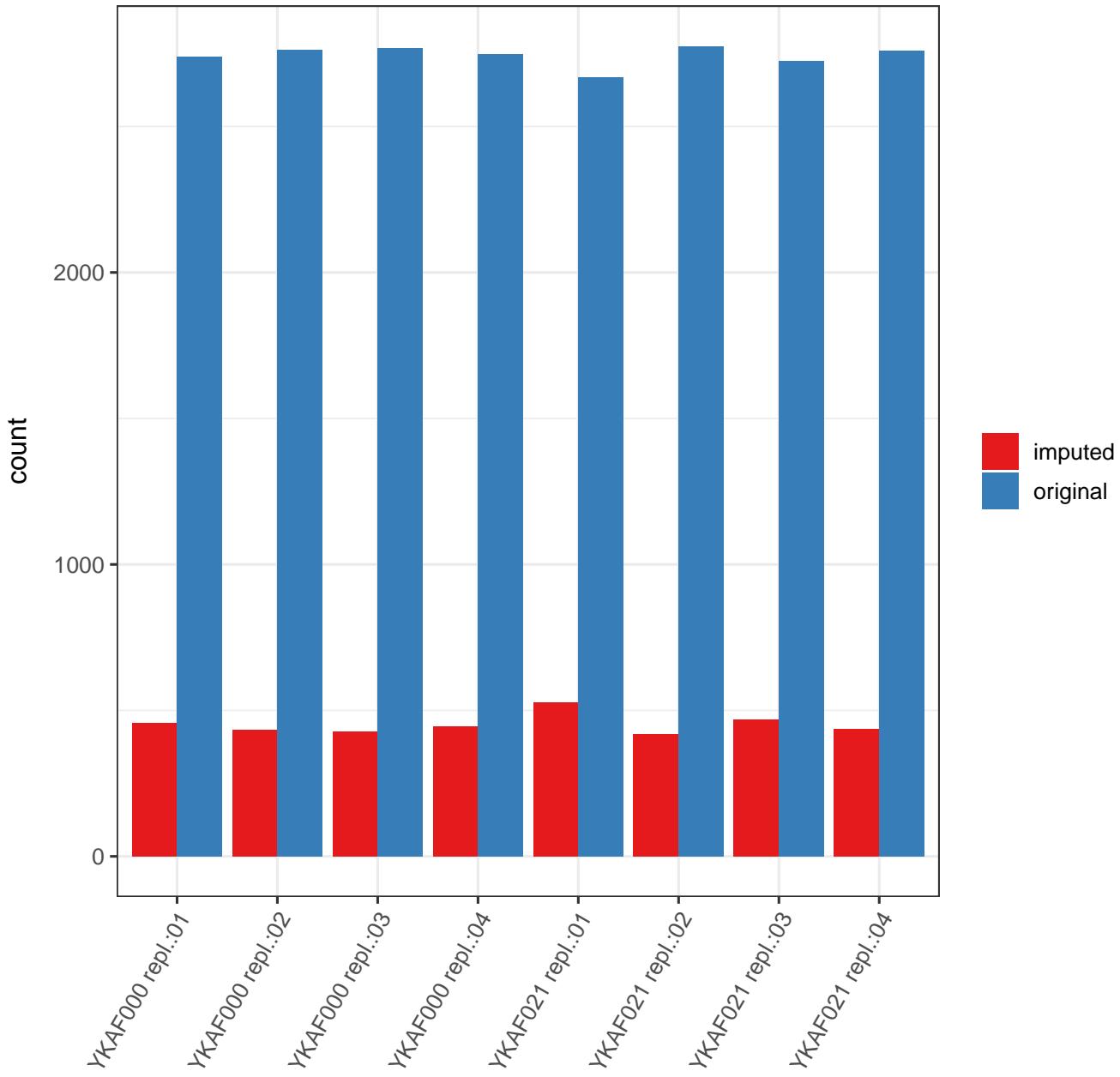
positive: 16; negative: 84; enriched: 100; background: 2771; total: 2871



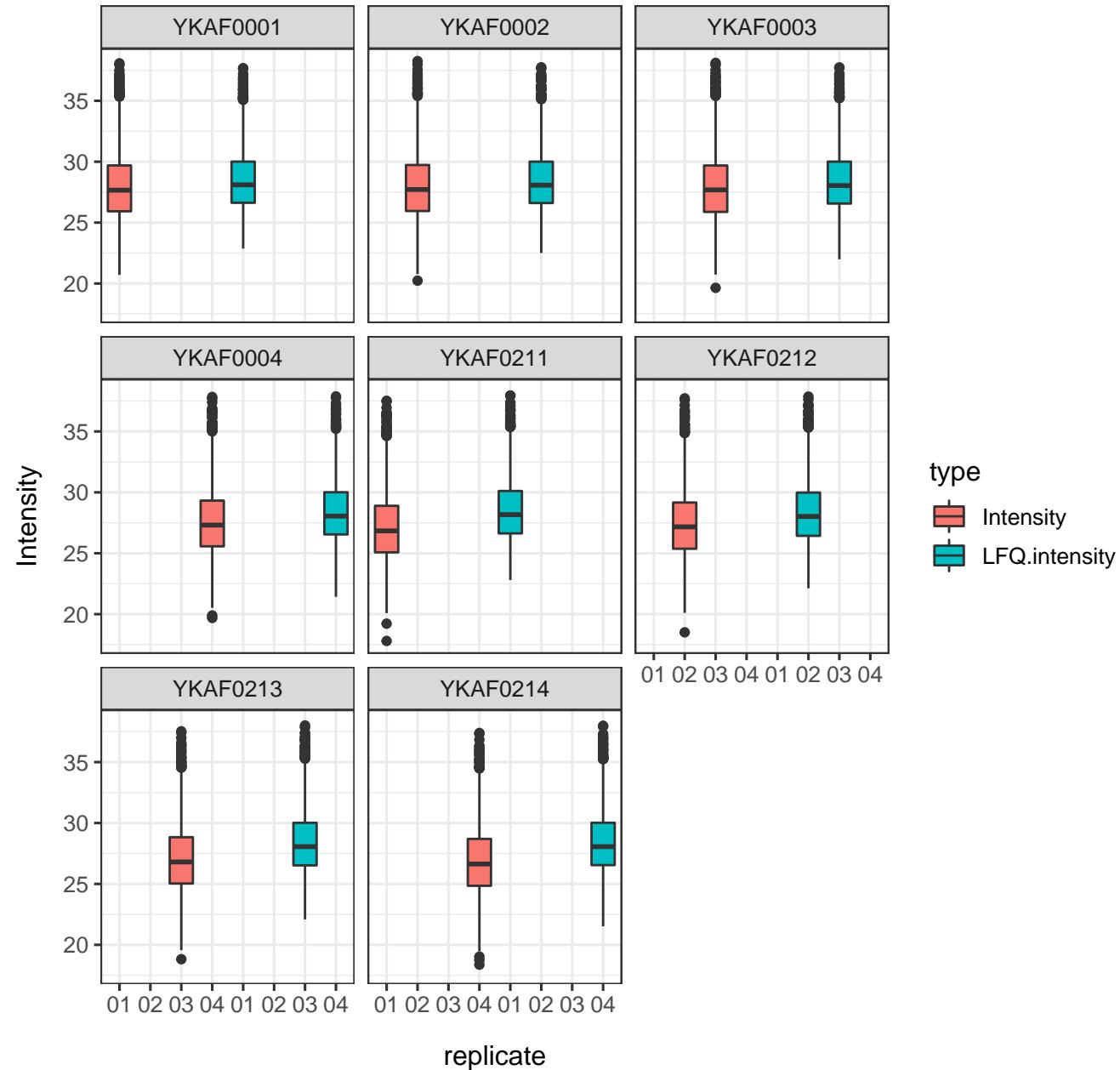
Comparison of imputed and measured values, grouped by replicate



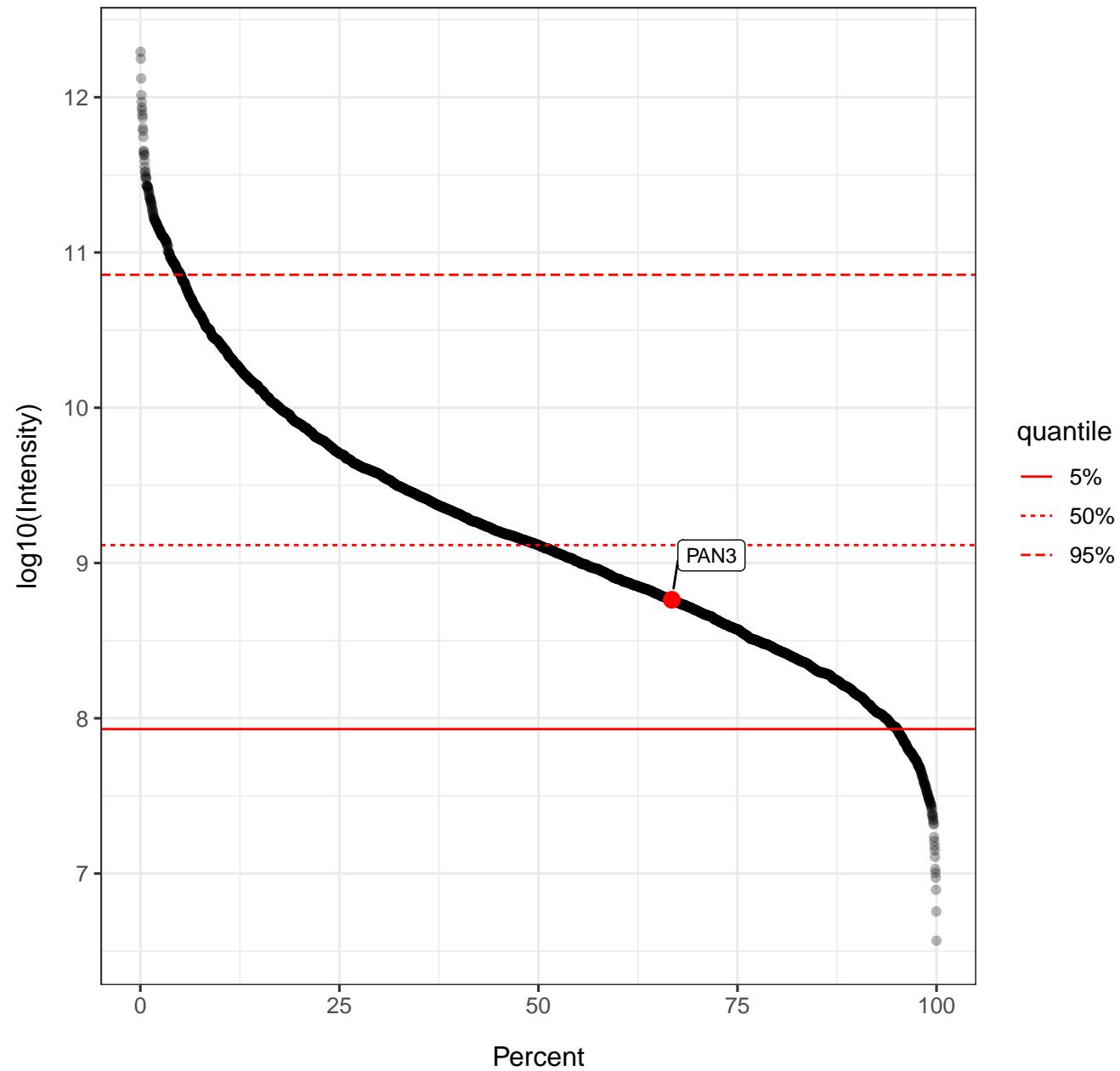
comparison imputed vs. measured



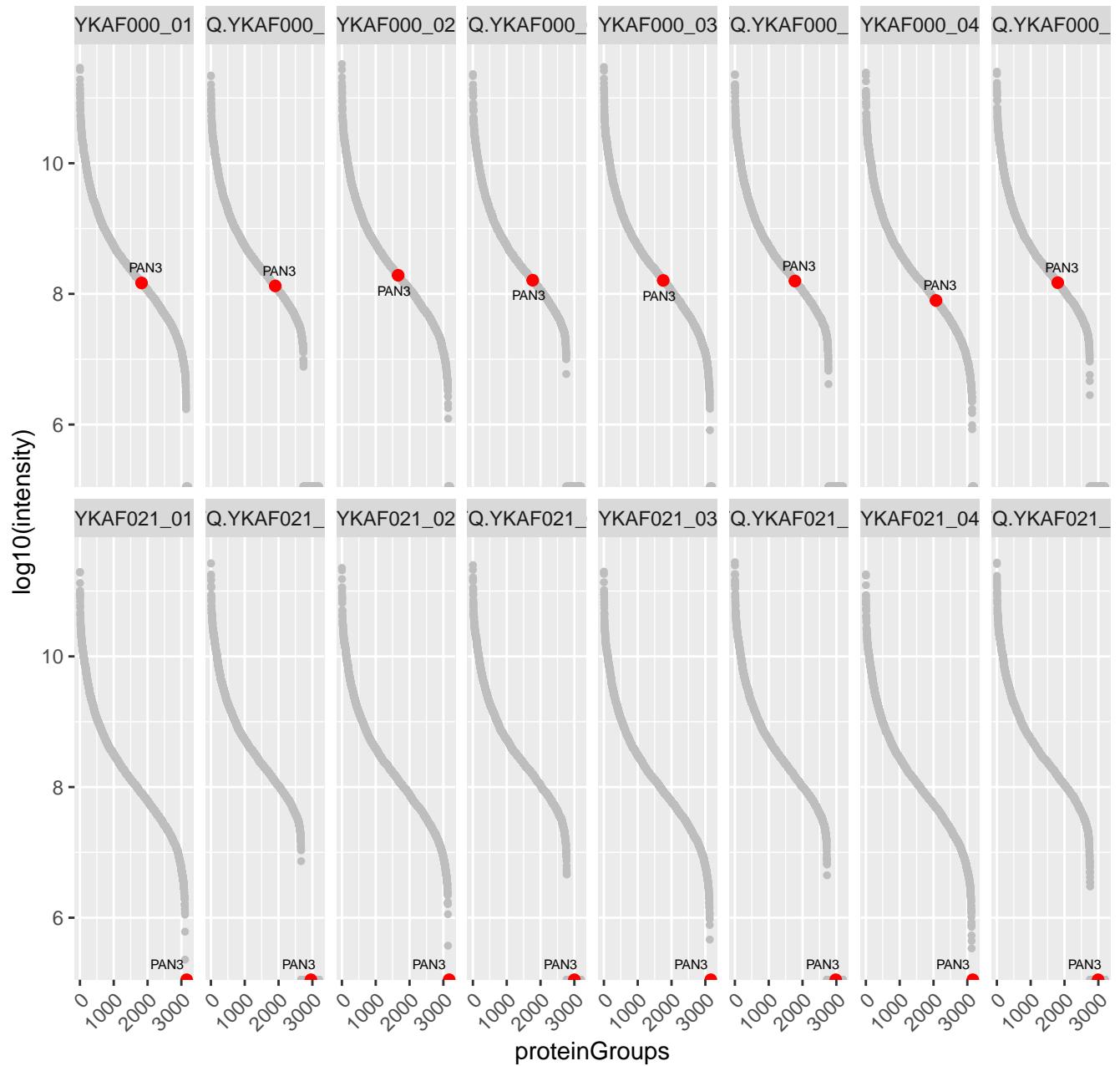
Intensity vs. LFQ Intensity w/o imputed



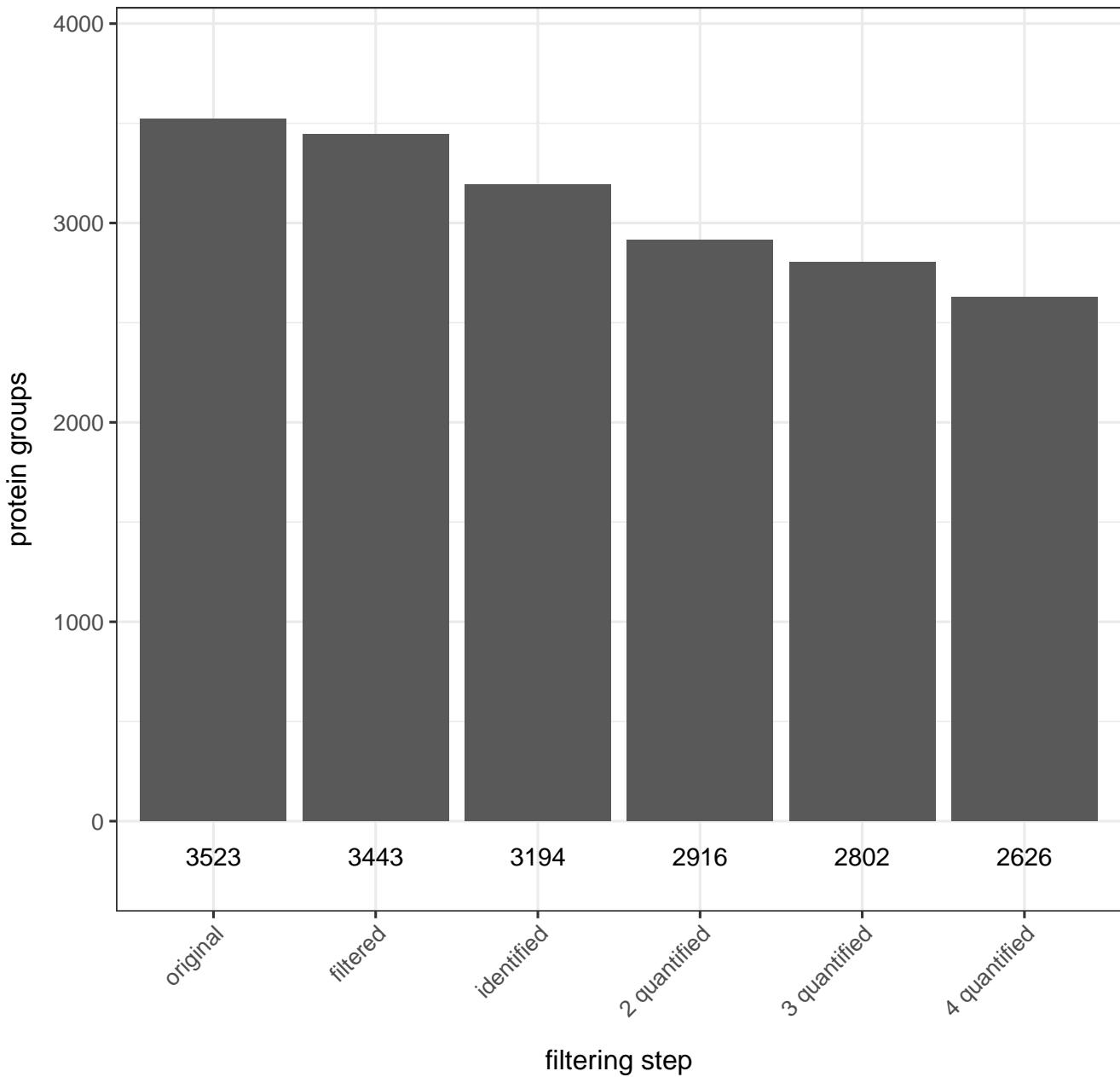
90% of the intensities change in 2.9 orders or magnitude



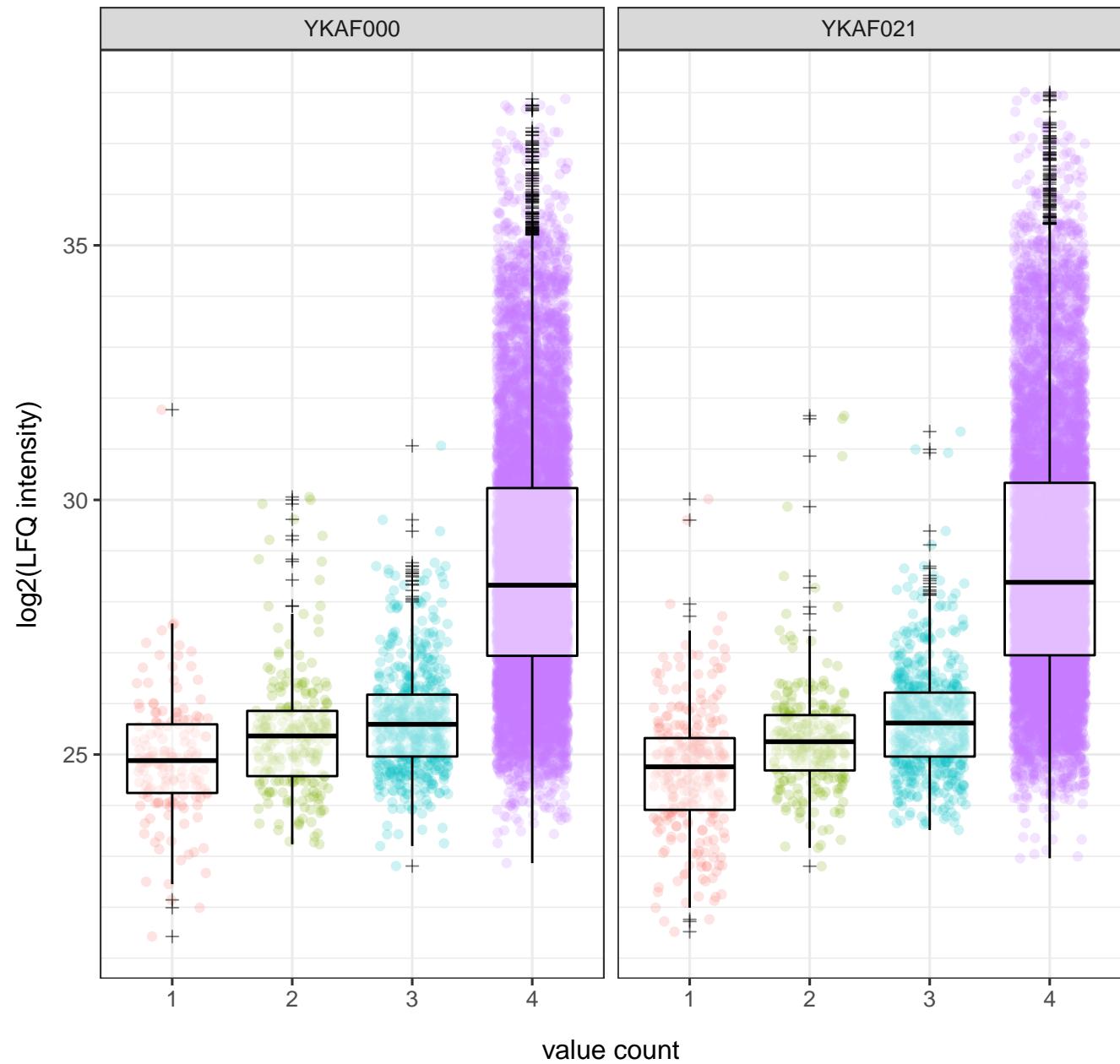
Protein abundance per replicate of LFQ values

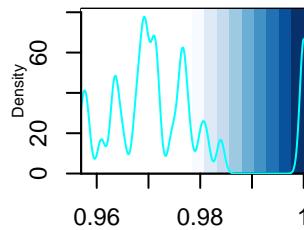


protein groups after each filtering step

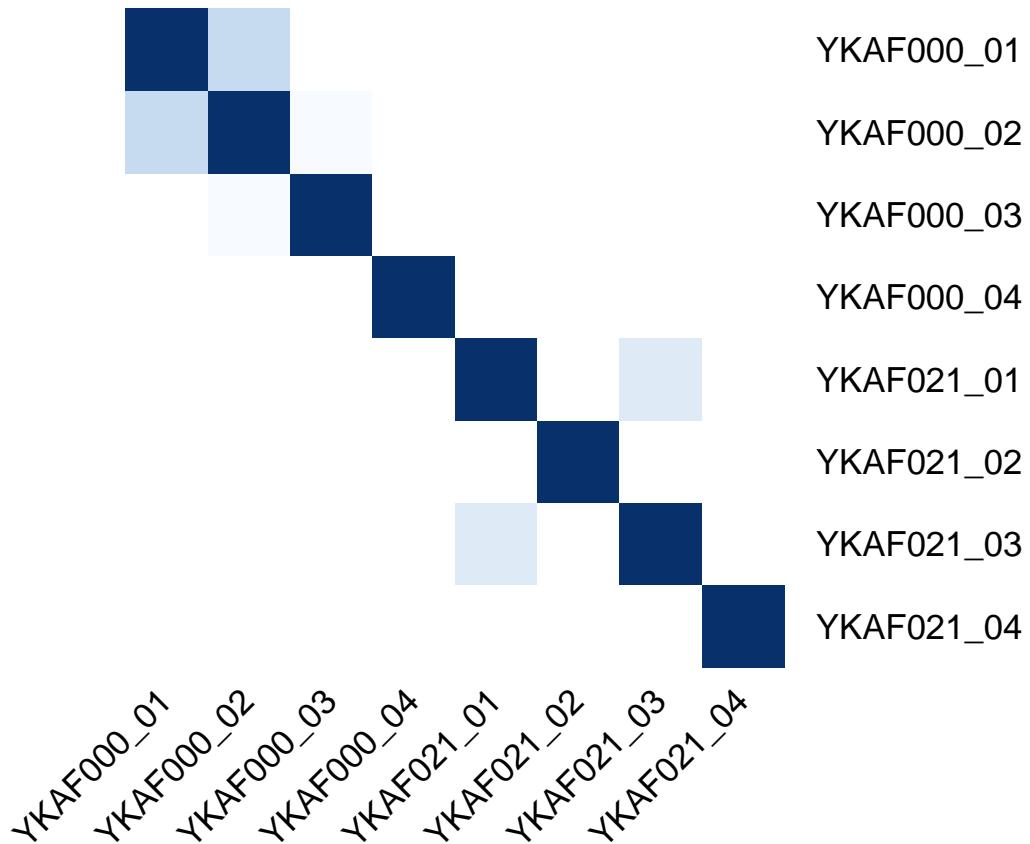


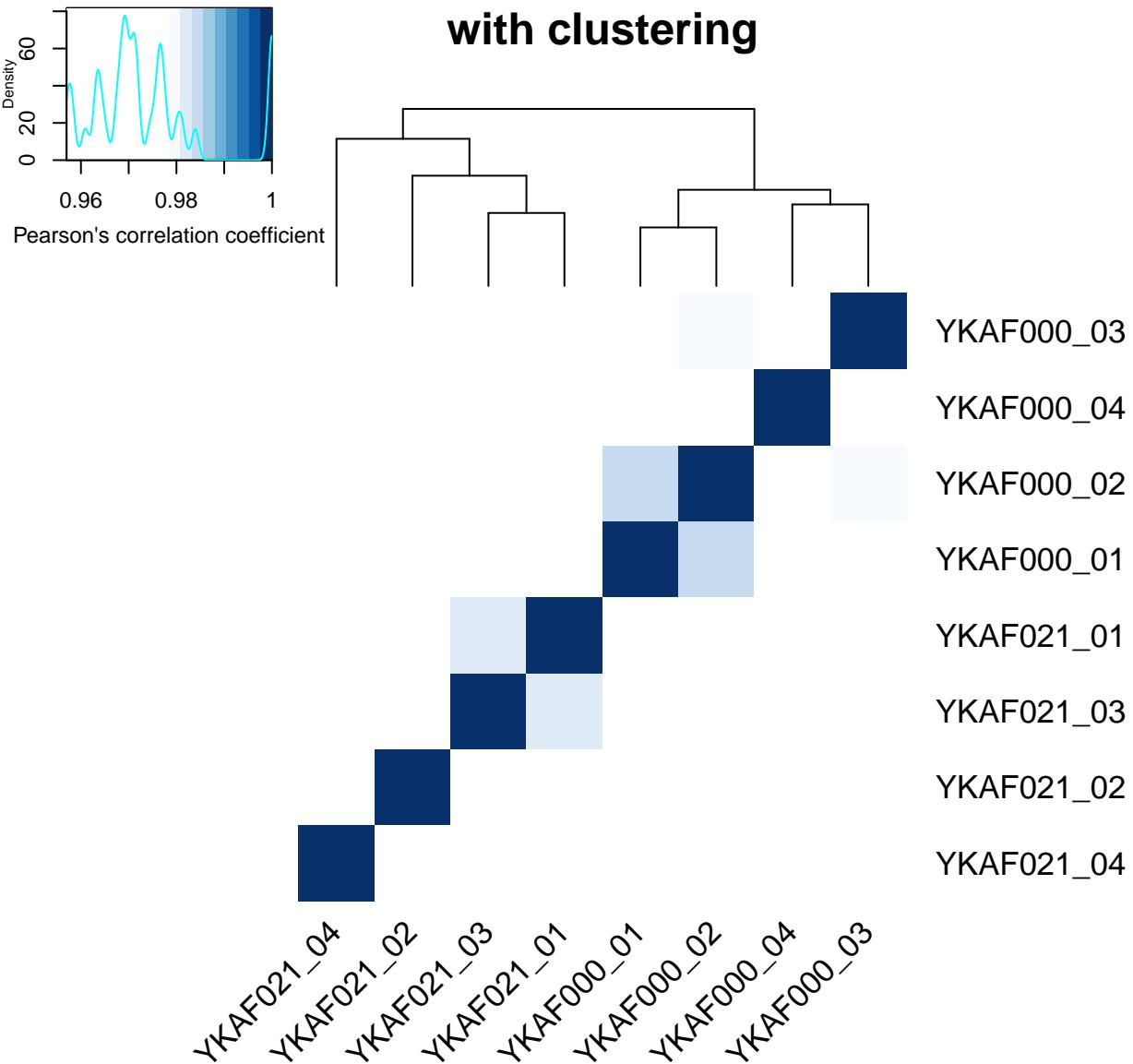
Measured intensity grouped by value counts



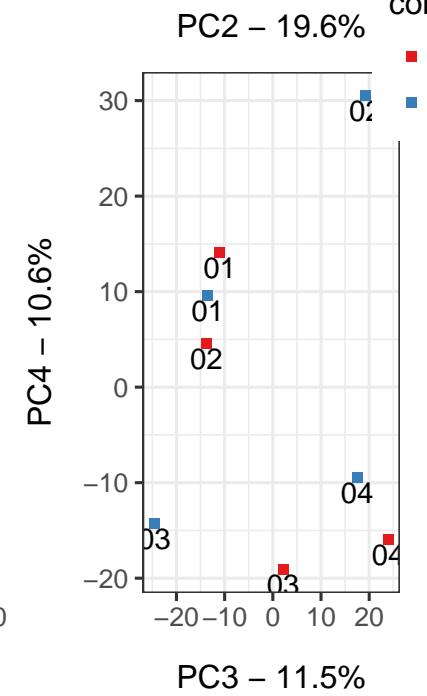
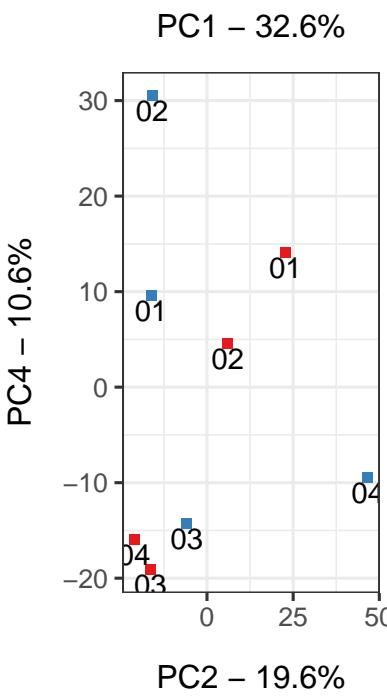
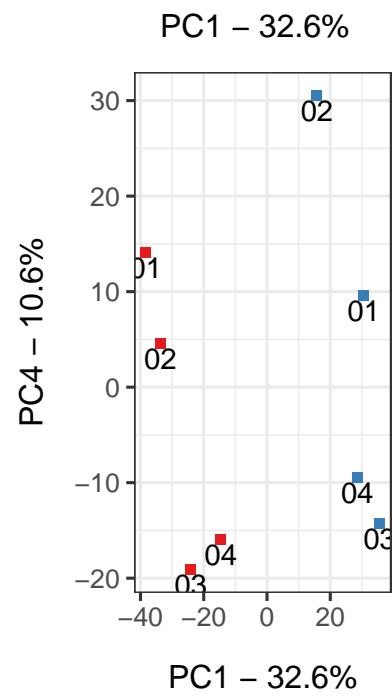
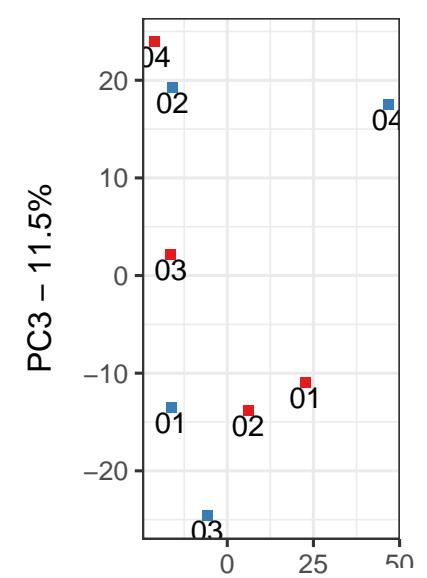
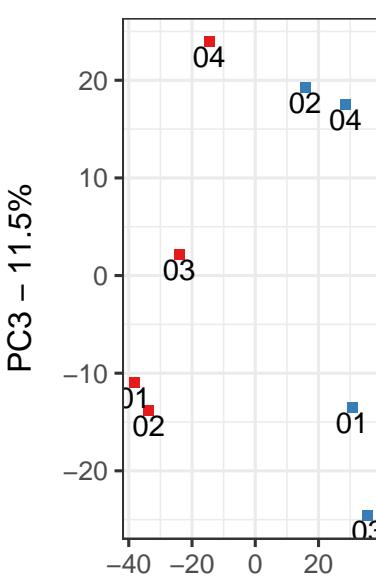
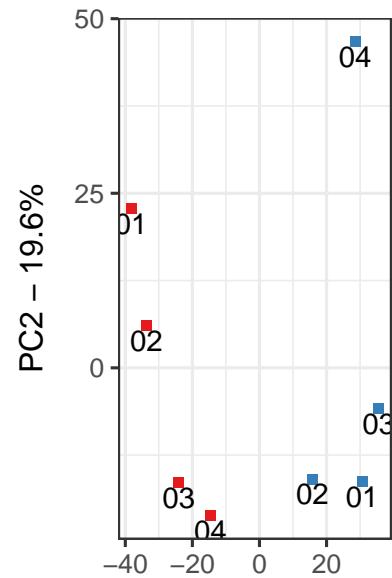


correlation between replicates





the principal component analysis



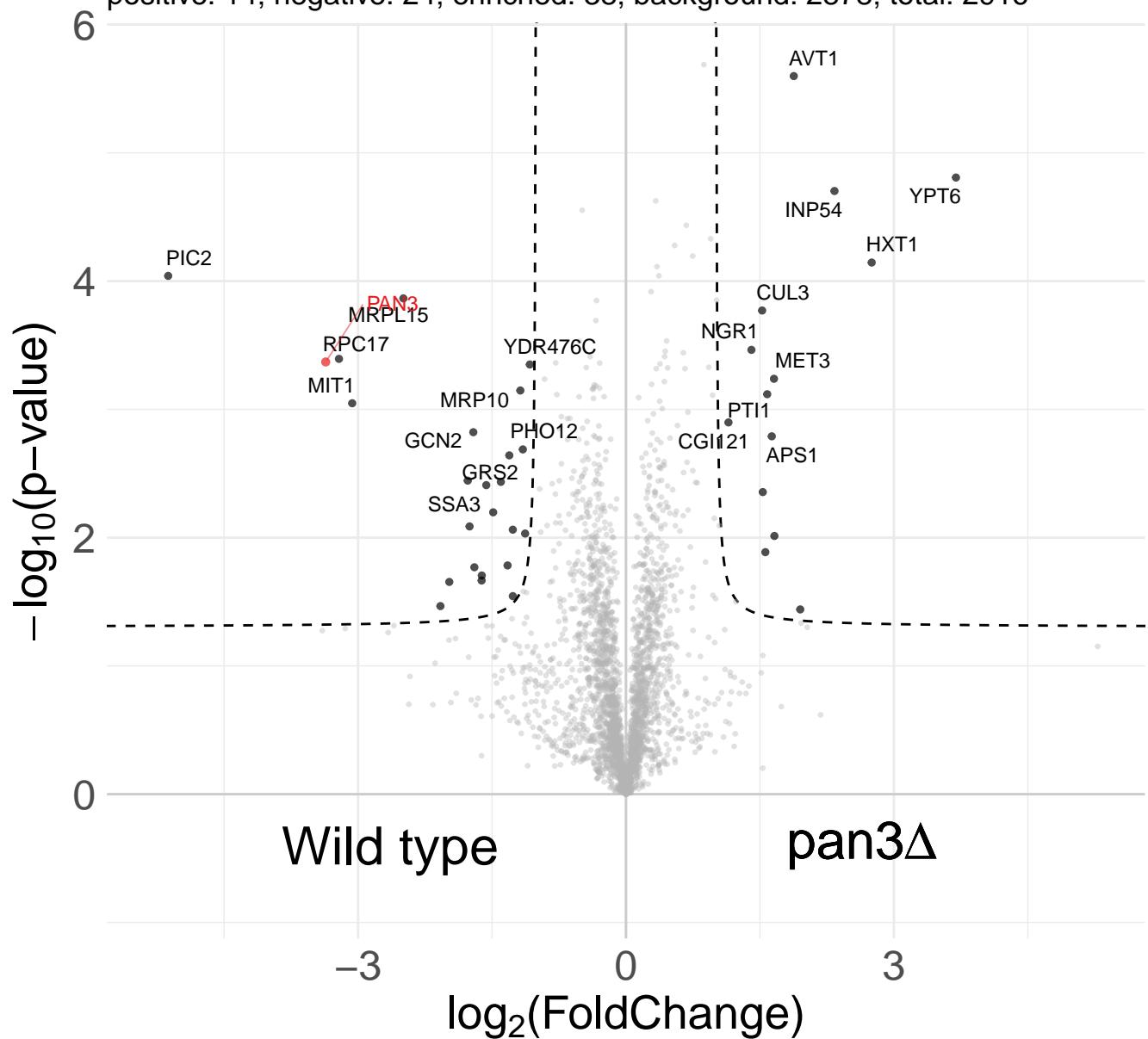
condition

- YKAF01
- YKAF02

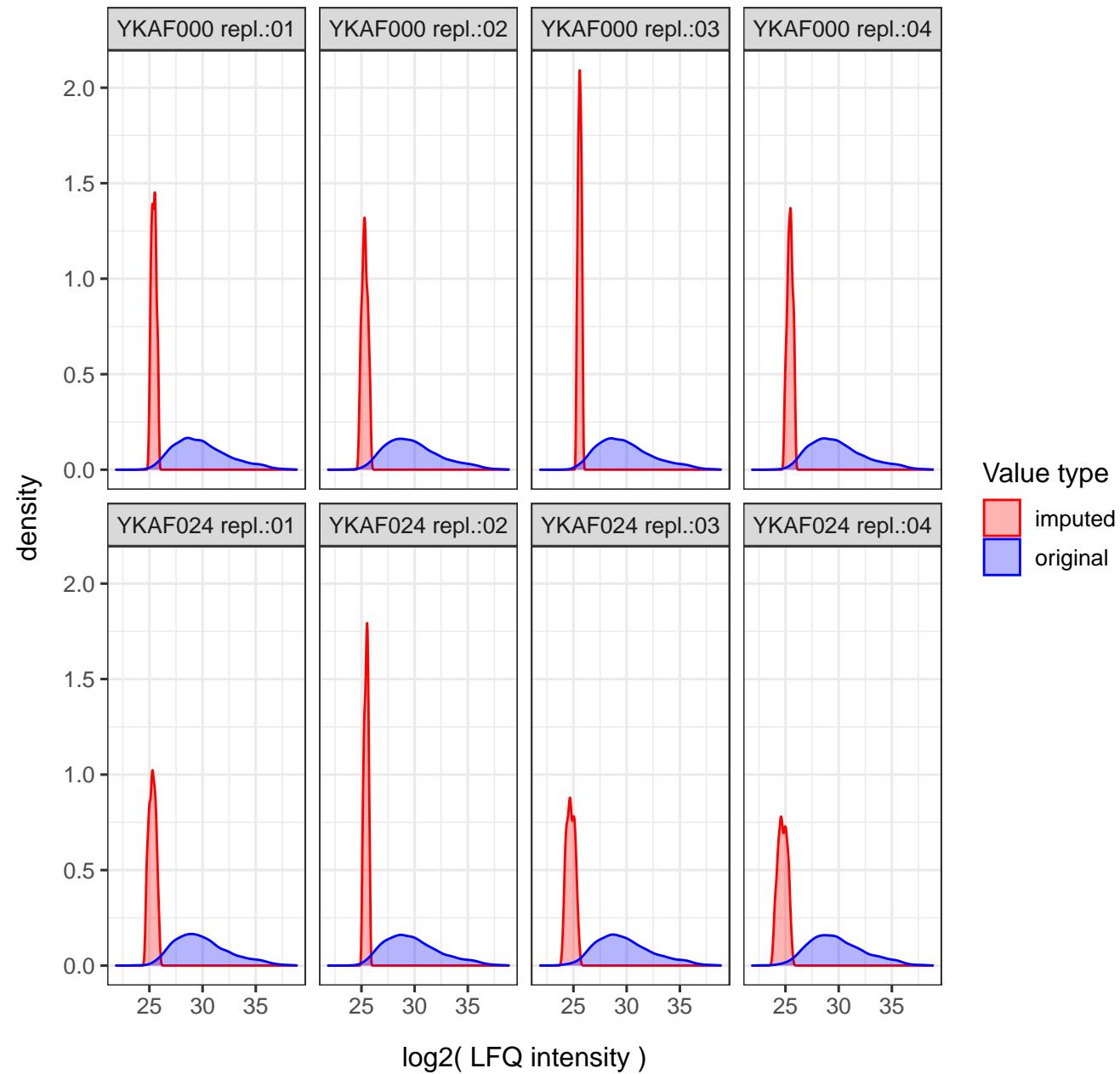
PAN3 KO experiment

Volcano plot of PAN3 KO against Wild type

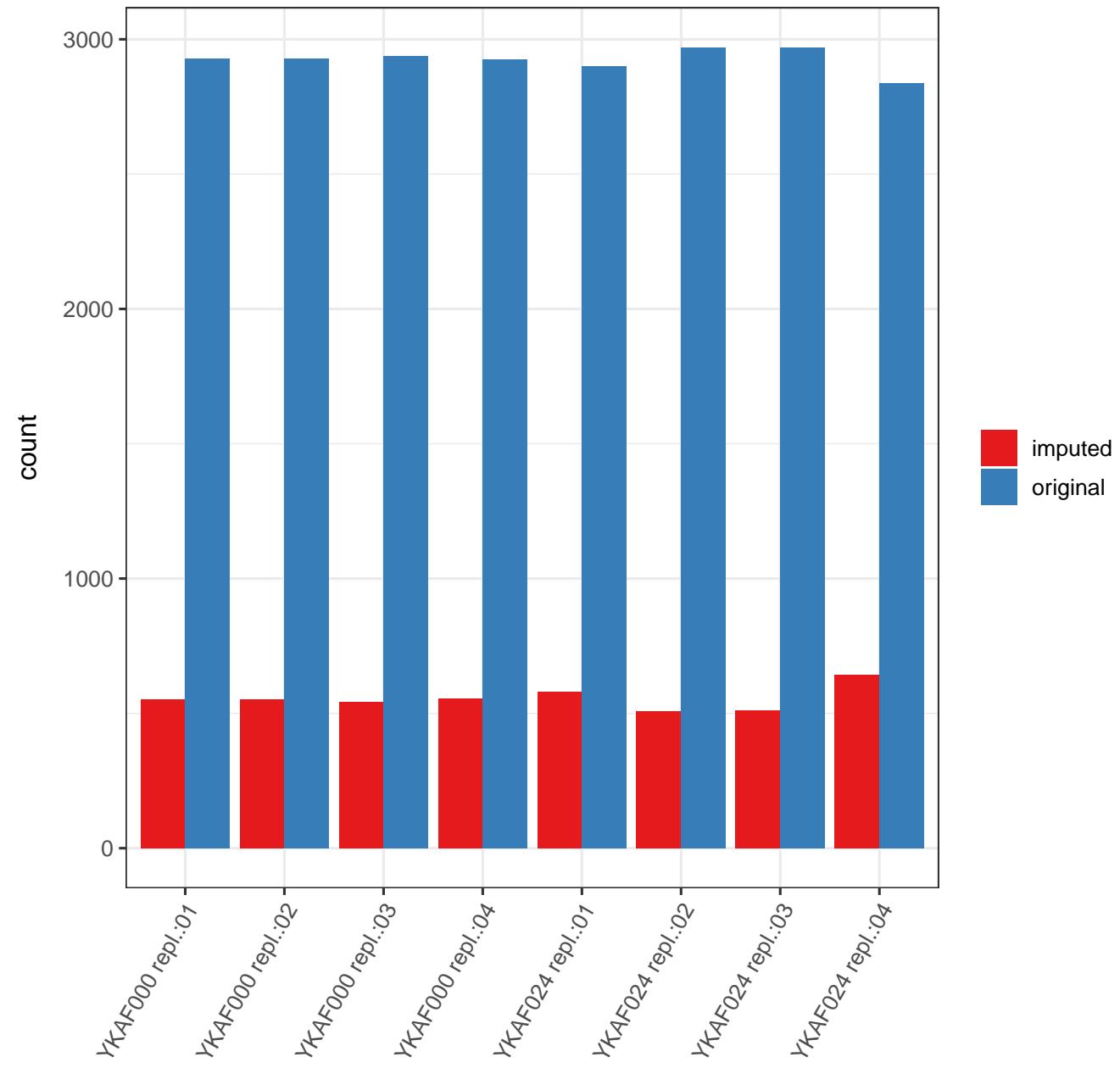
positive: 14; negative: 24; enriched: 38; background: 2878; total: 2916



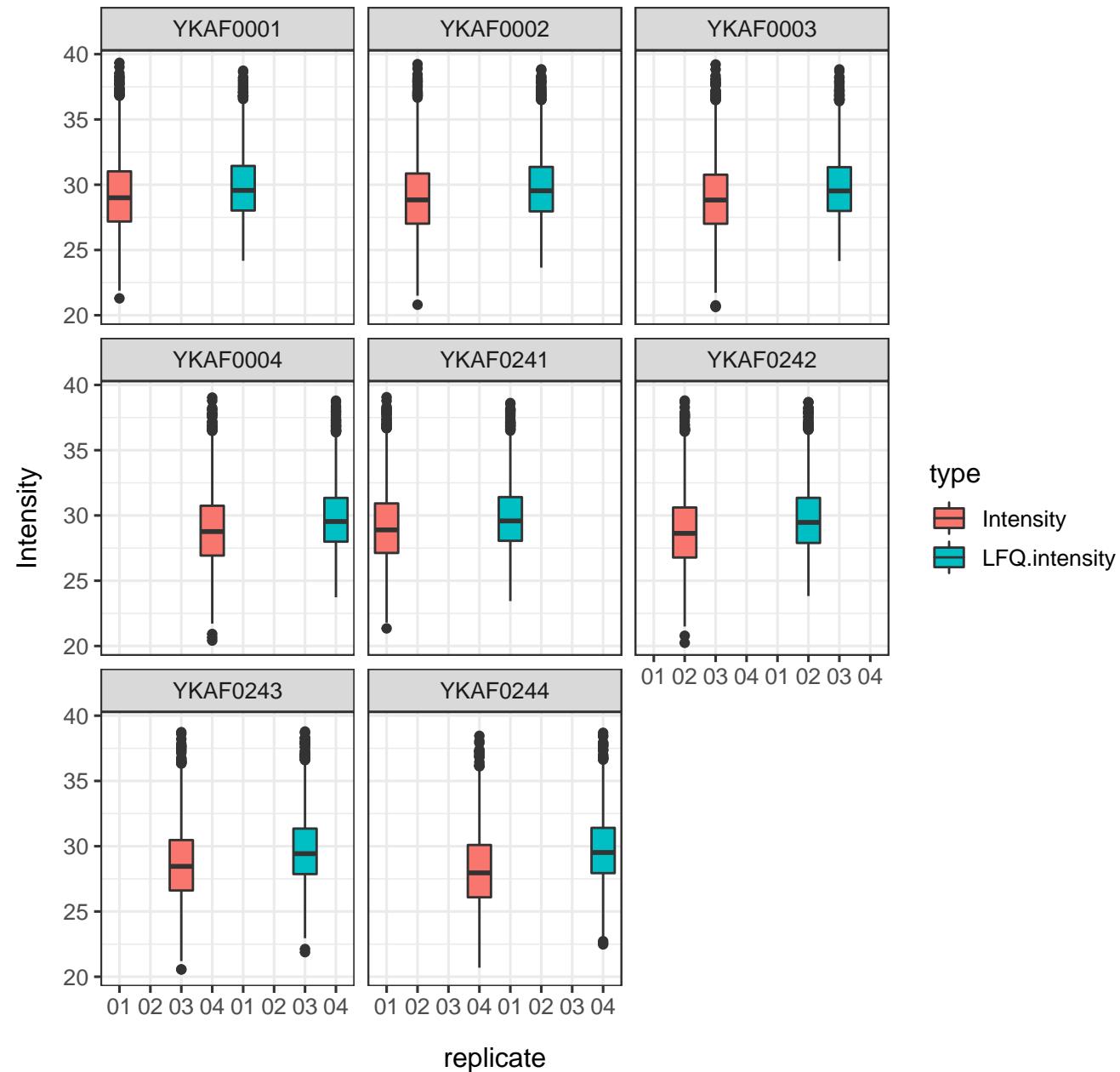
Comparison of imputed and measured values, grouped by replicate



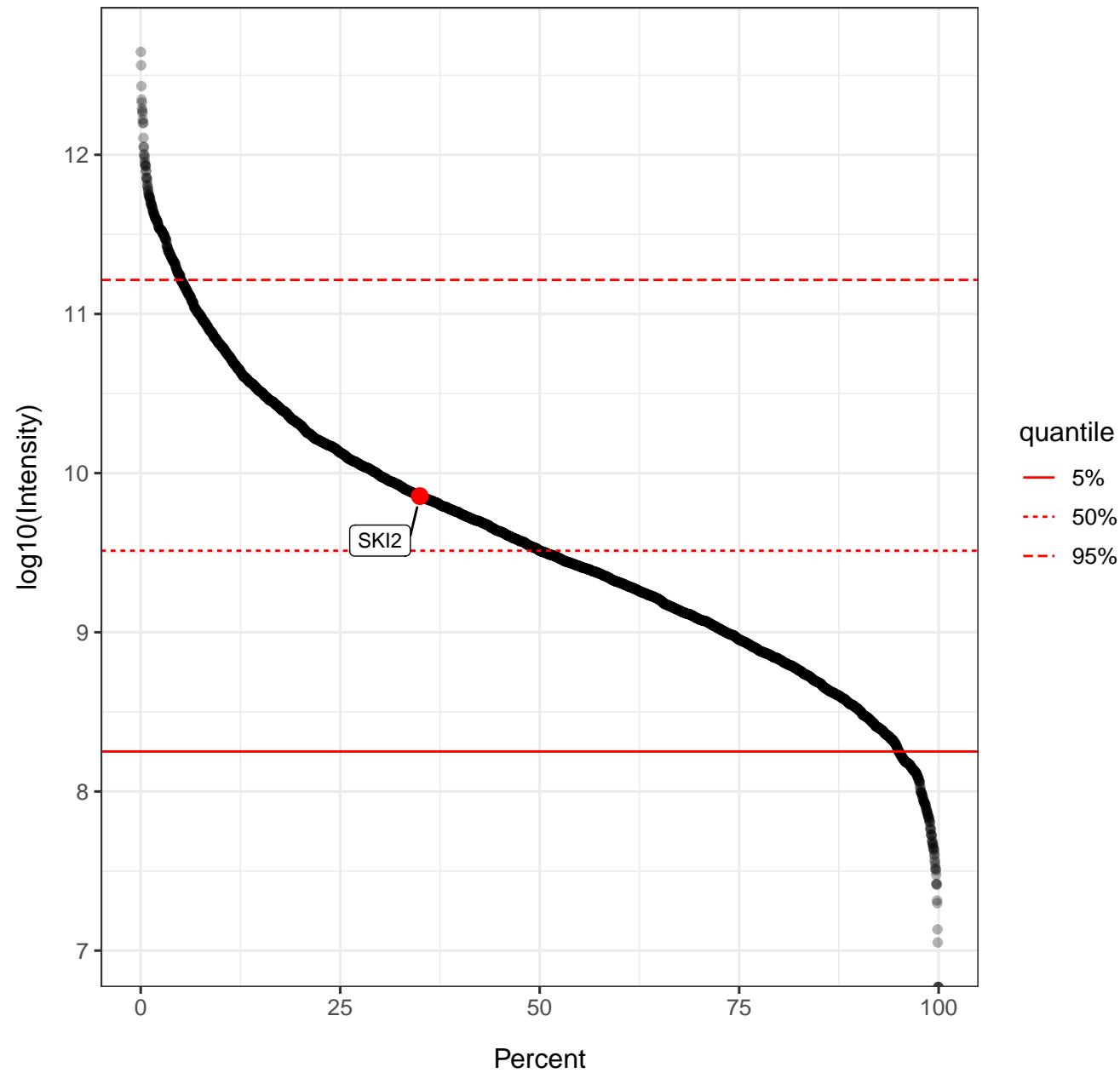
comparison imputed vs. measured



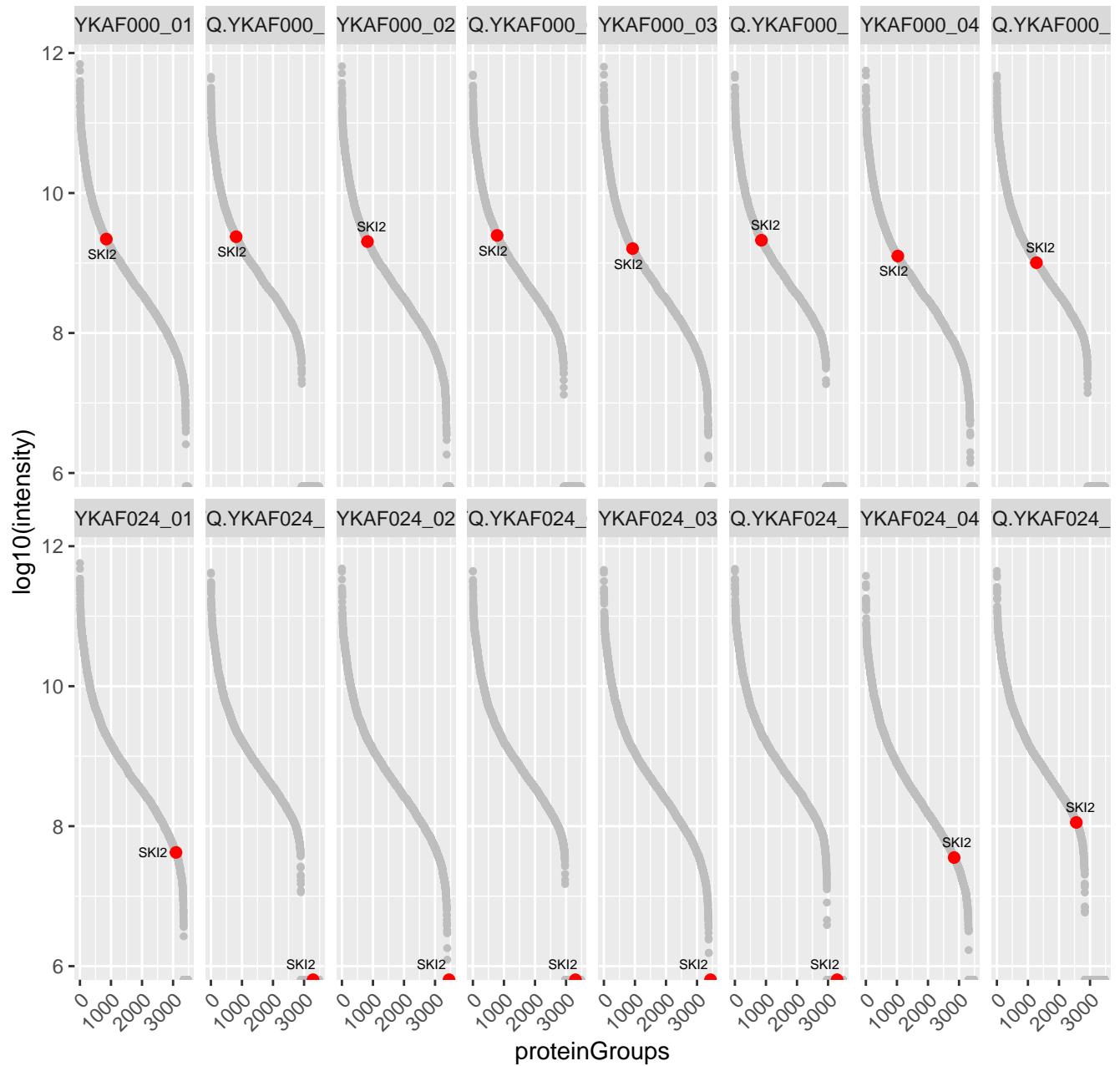
Intensity vs. LFQ Intensity w/o imputed



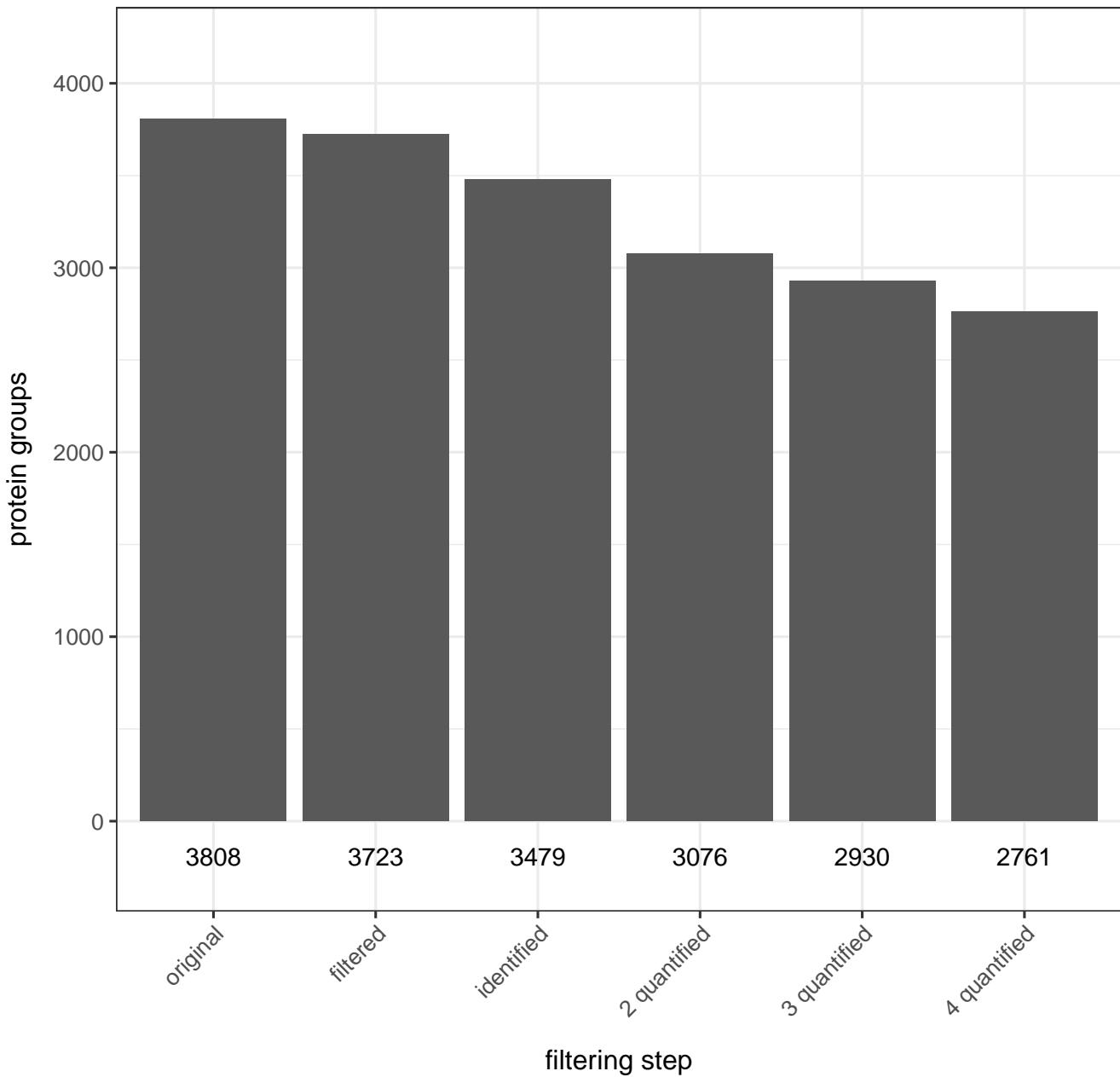
90% of the intensities change in 3.0 orders or magnitude



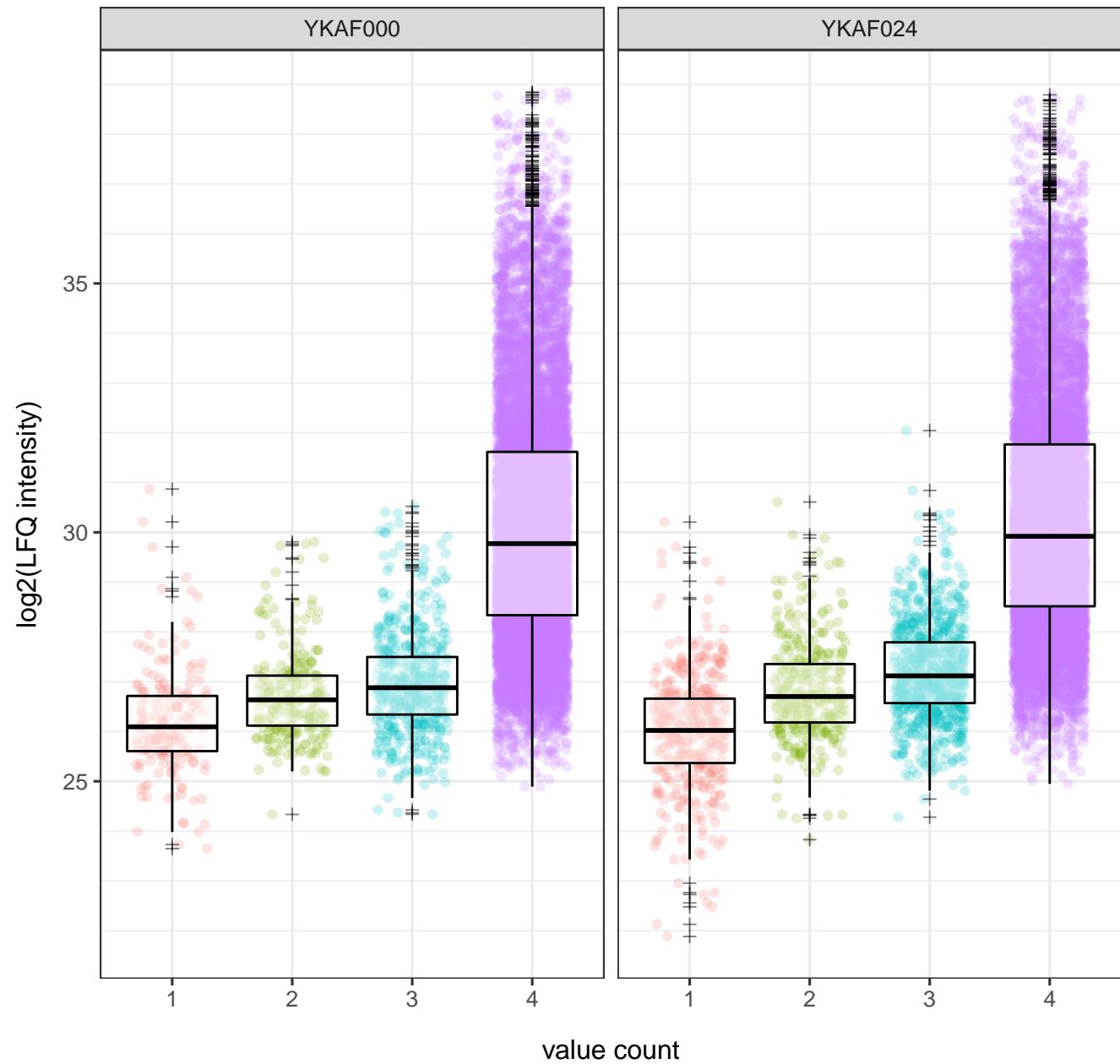
Protein abundance per replicate of LFQ values

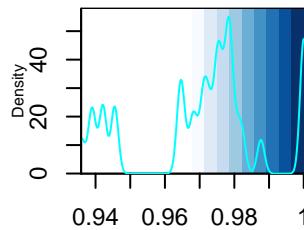


protein groups after each filtering step

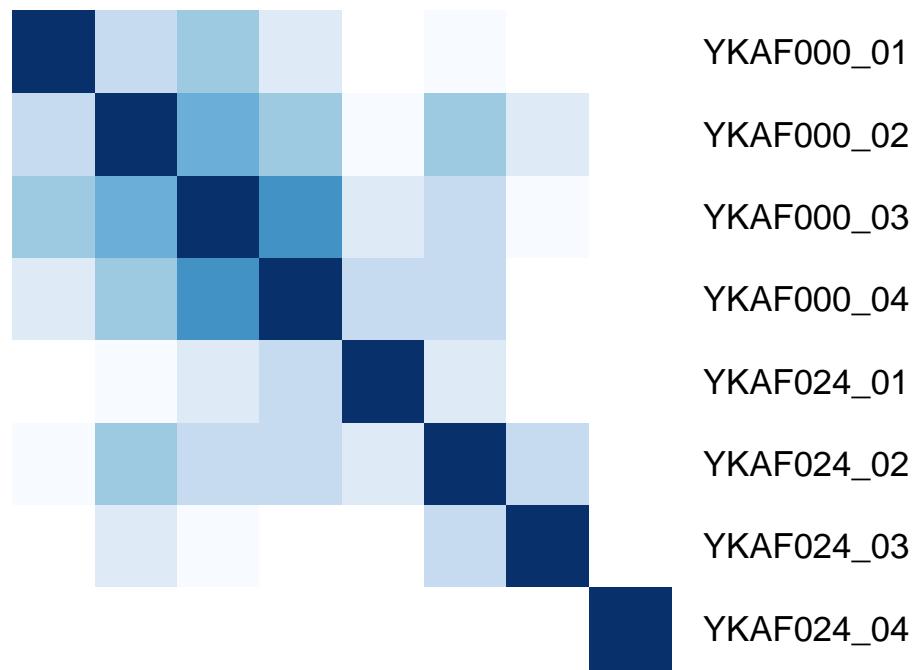


Measured intensity grouped by value counts



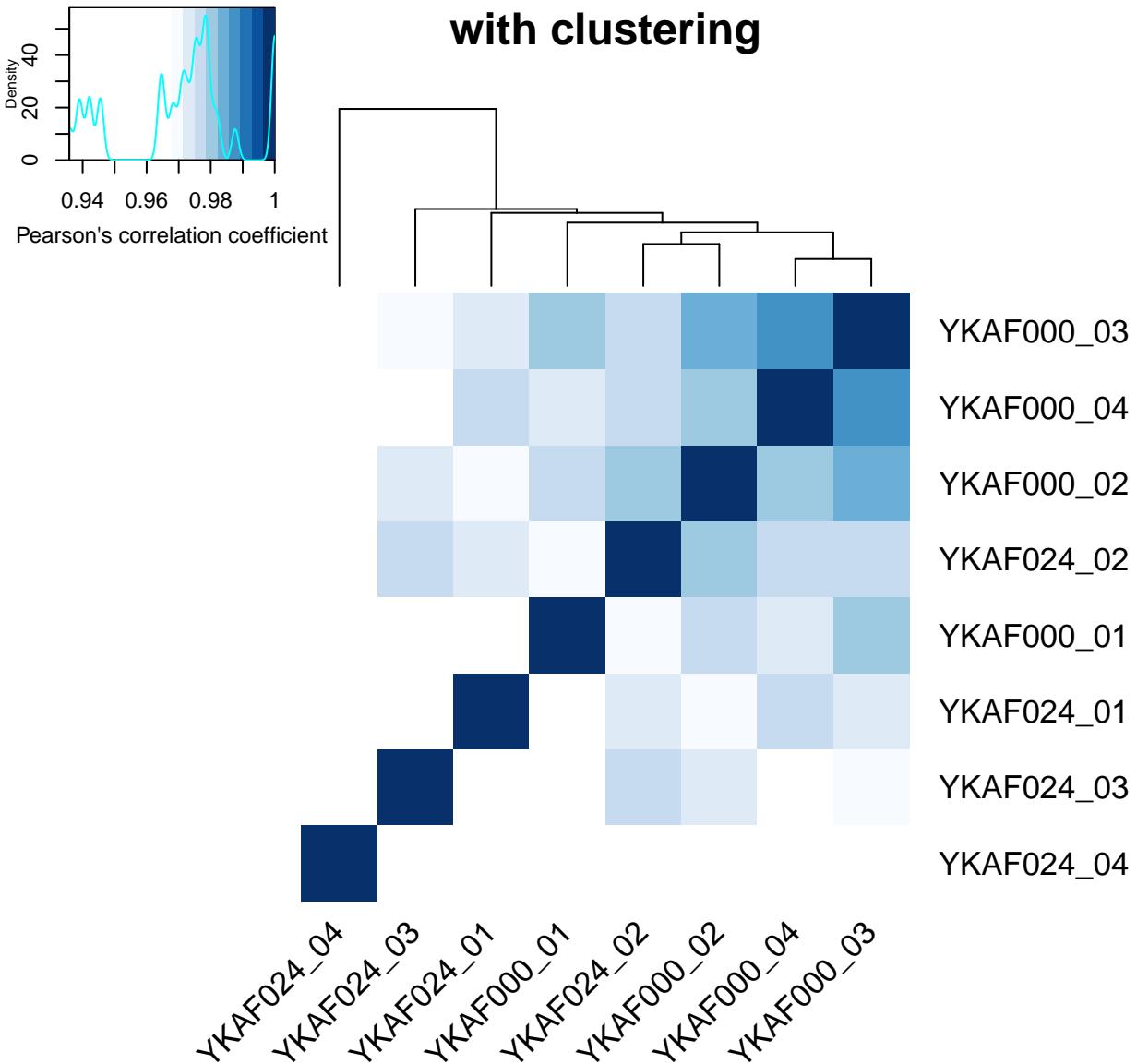


correlation between replicates

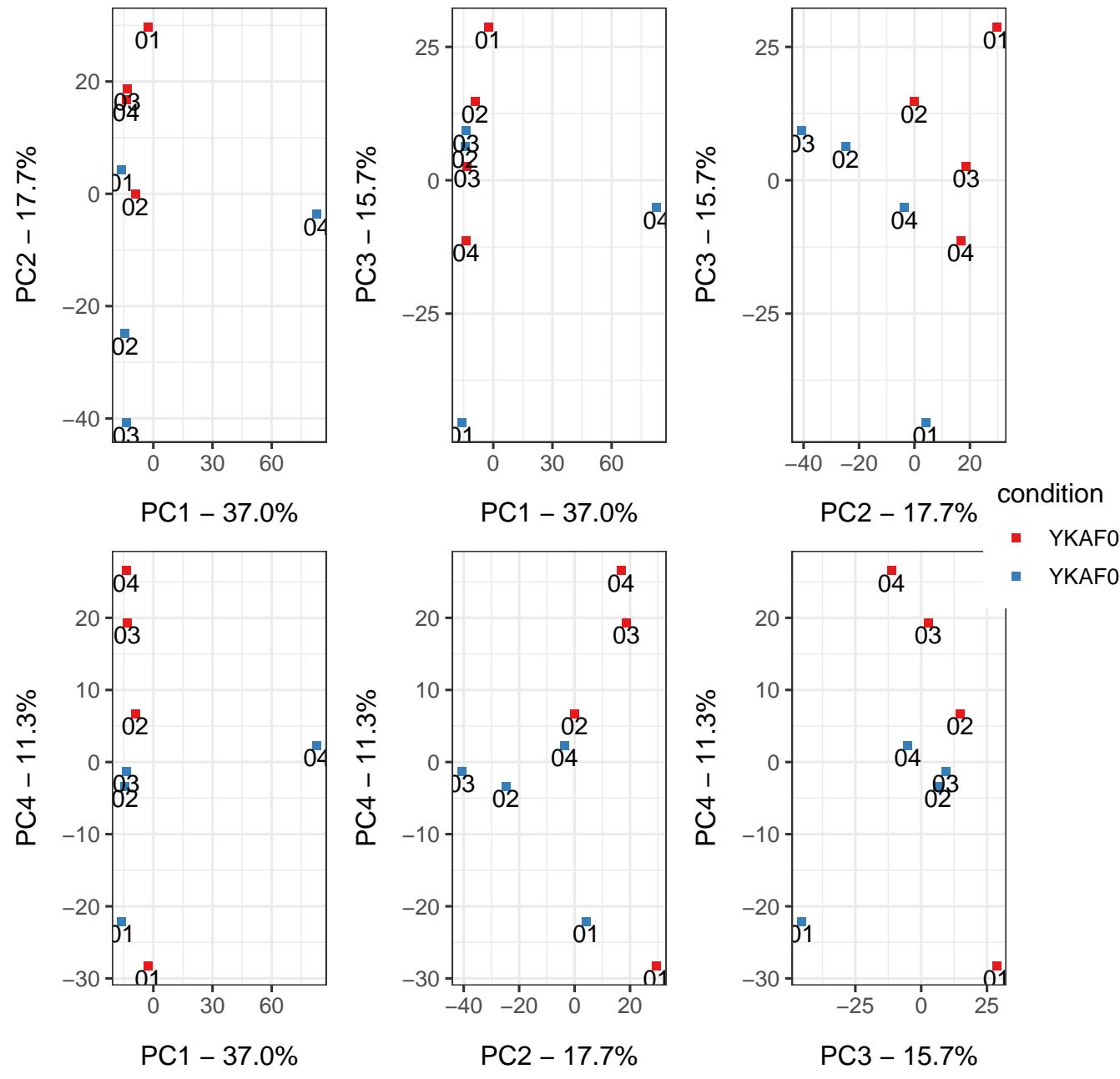


YKAF000_01
YKAF000_02
YKAF000_03
YKAF000_04
YKAF024_01
YKAF024_02
YKAF024_03
YKAF024_04

with clustering



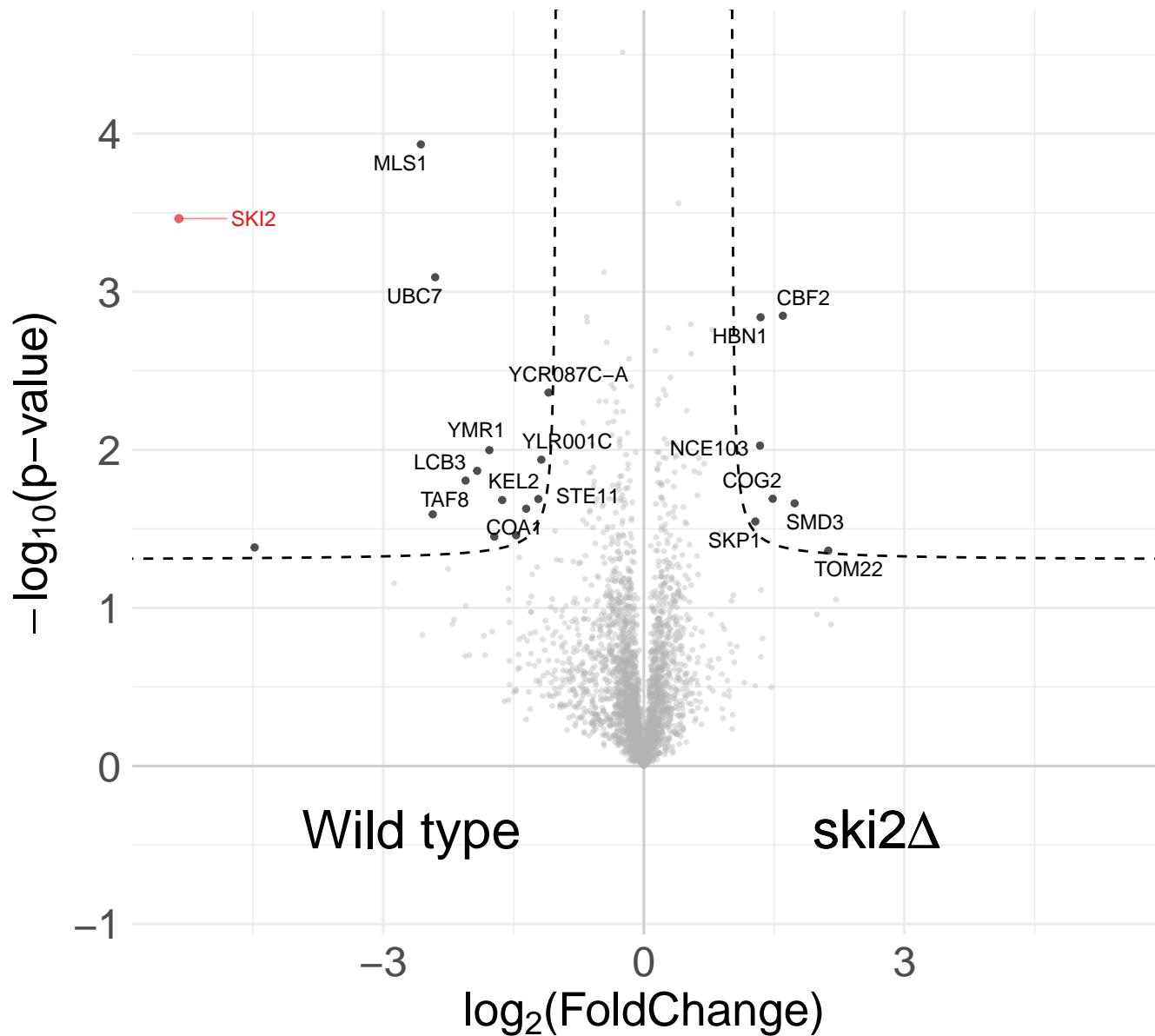
the principal component analysis



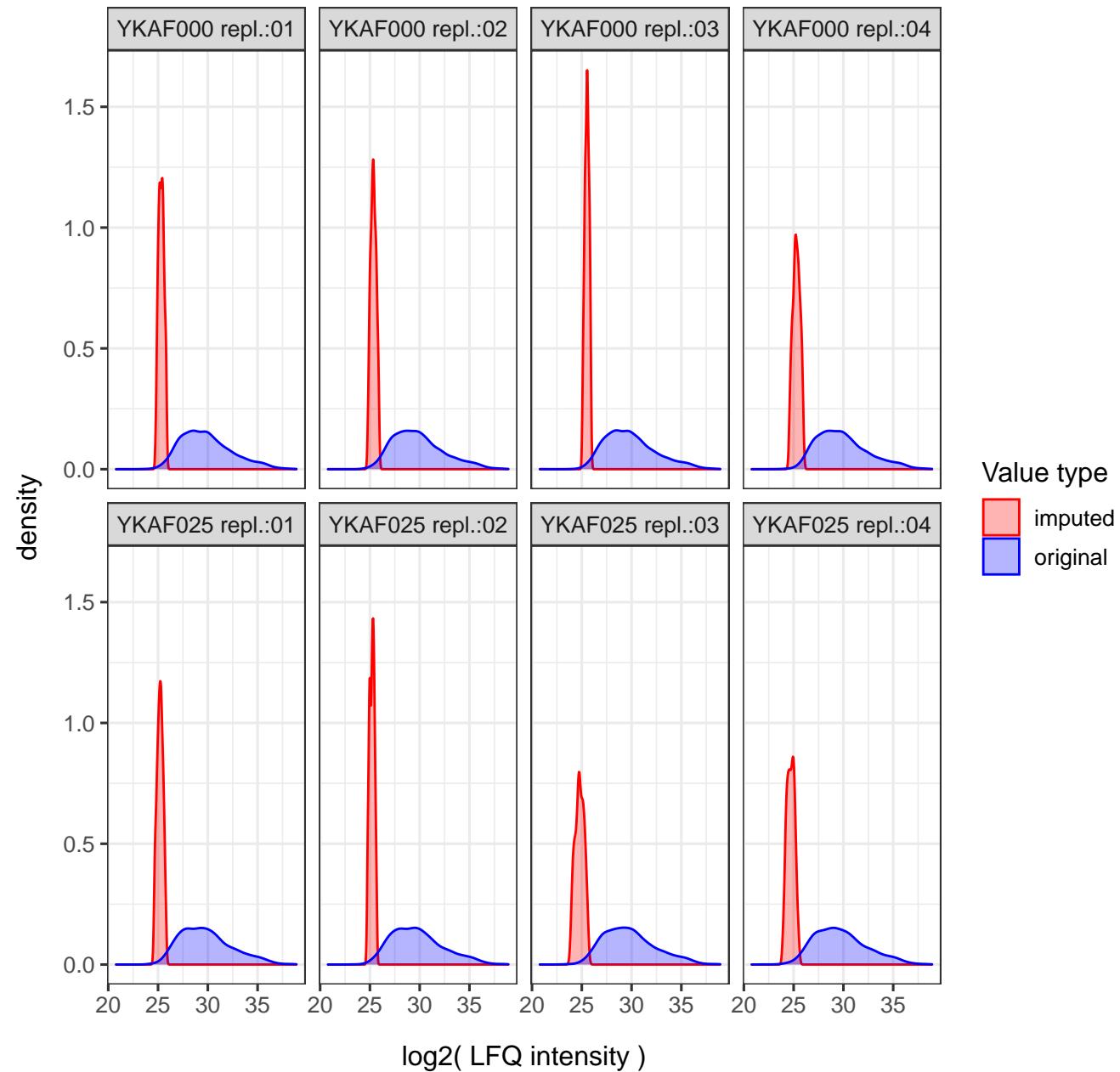
SKI2 KO experiment

Volcano plot of SKI2 KO against Wild type

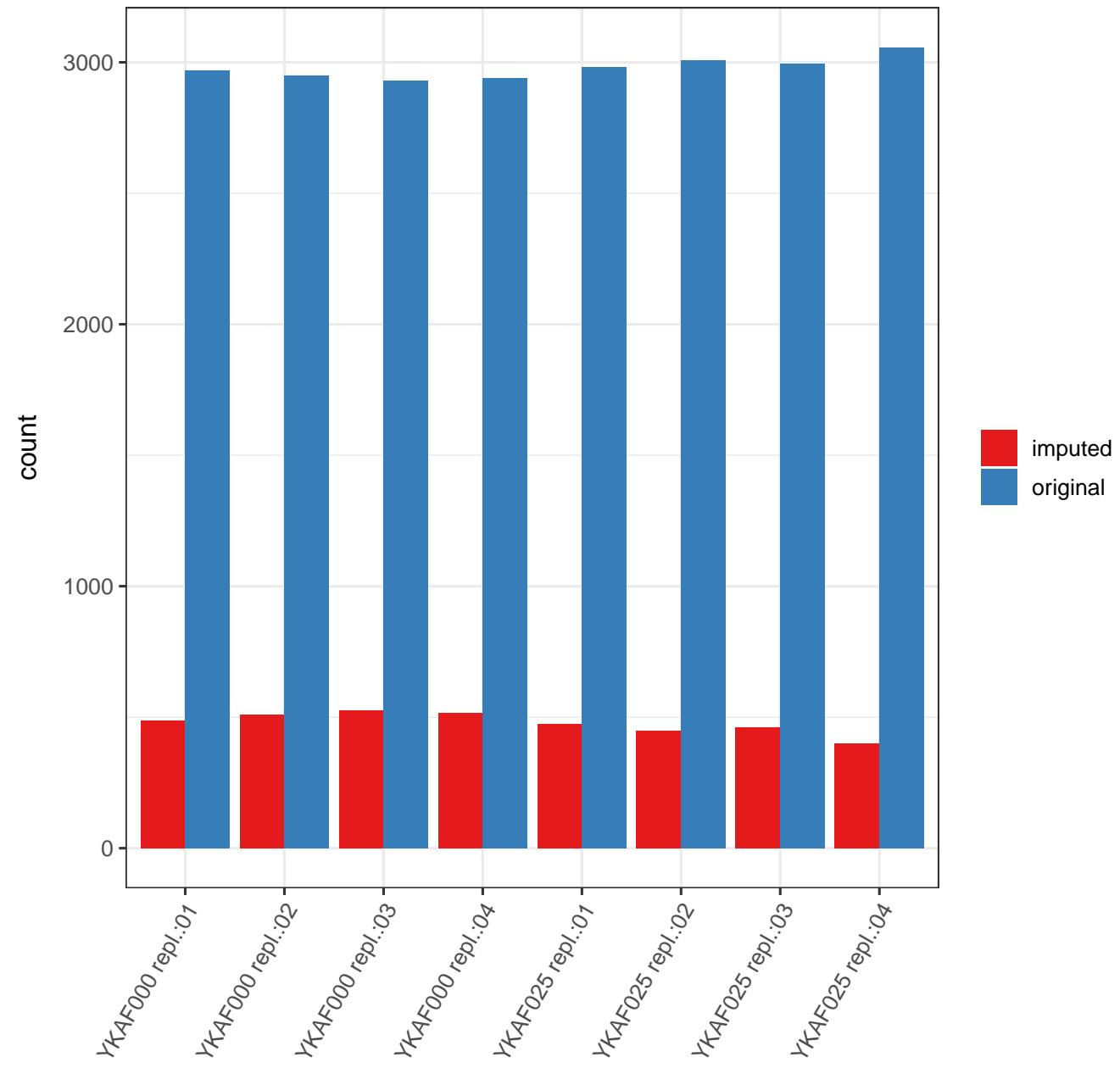
positive: 7; negative: 15; enriched: 22; background: 3054; total: 3076



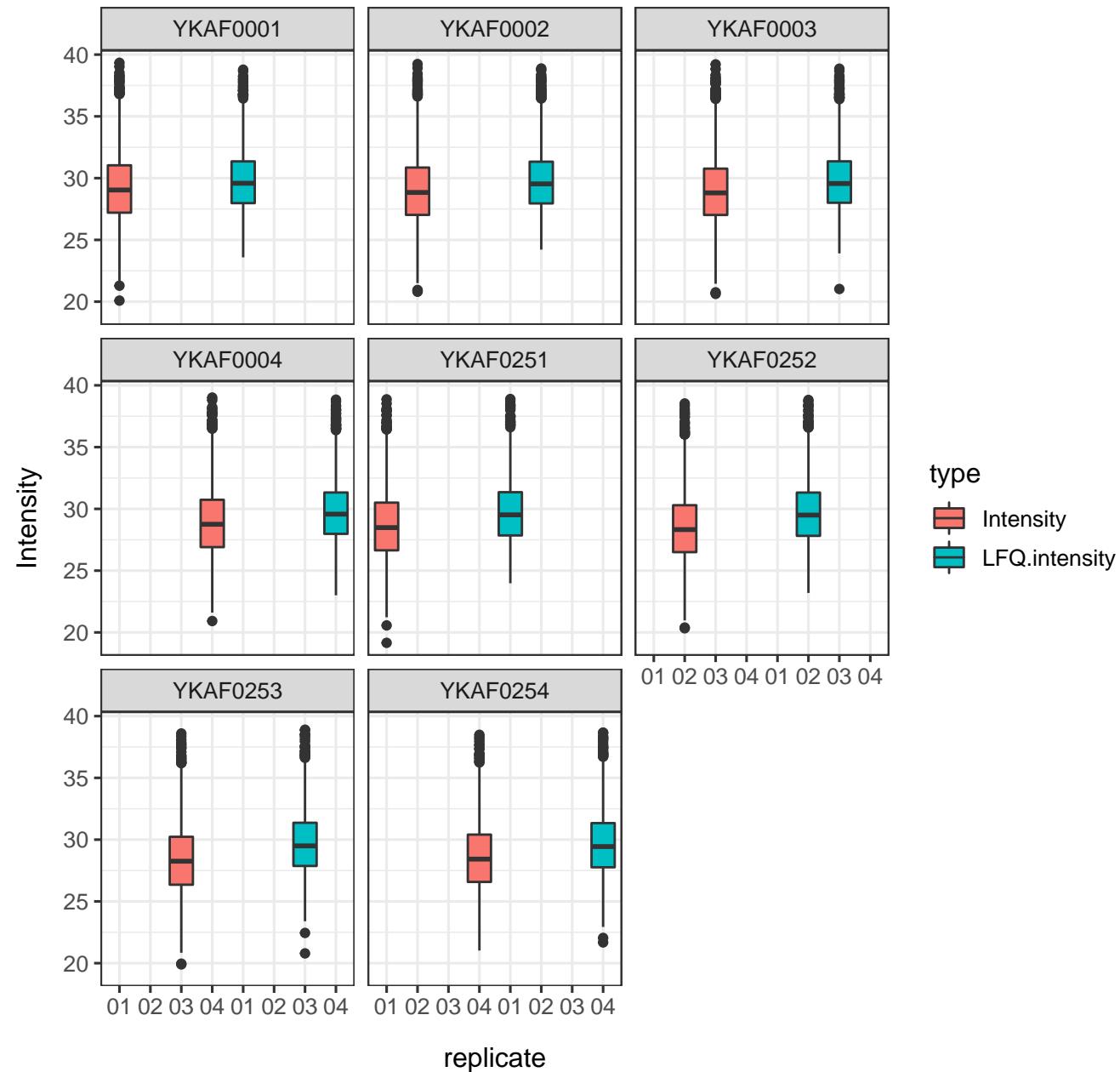
Comparison of imputed and measured values, grouped by replicate



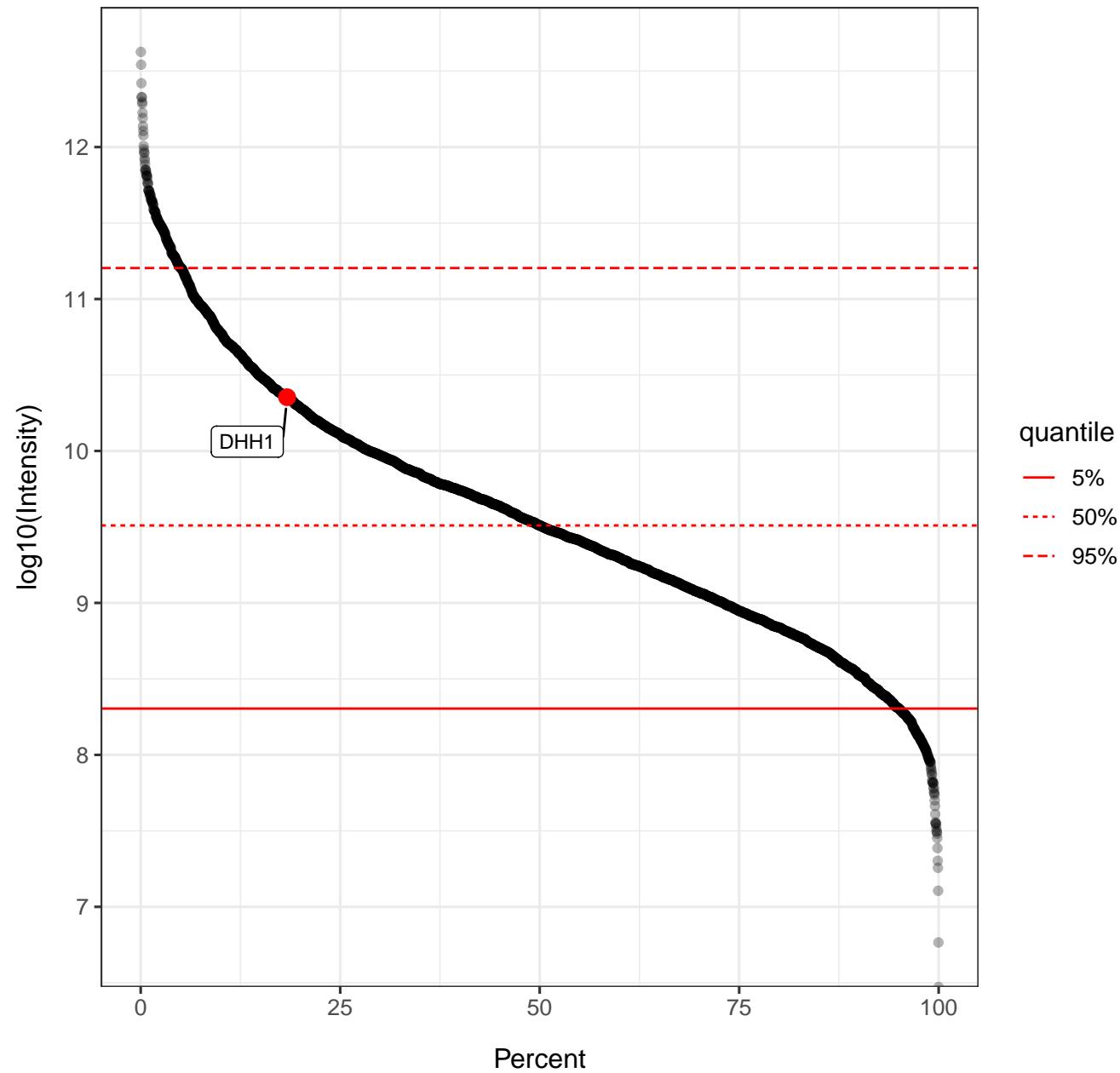
comparison imputed vs. measured



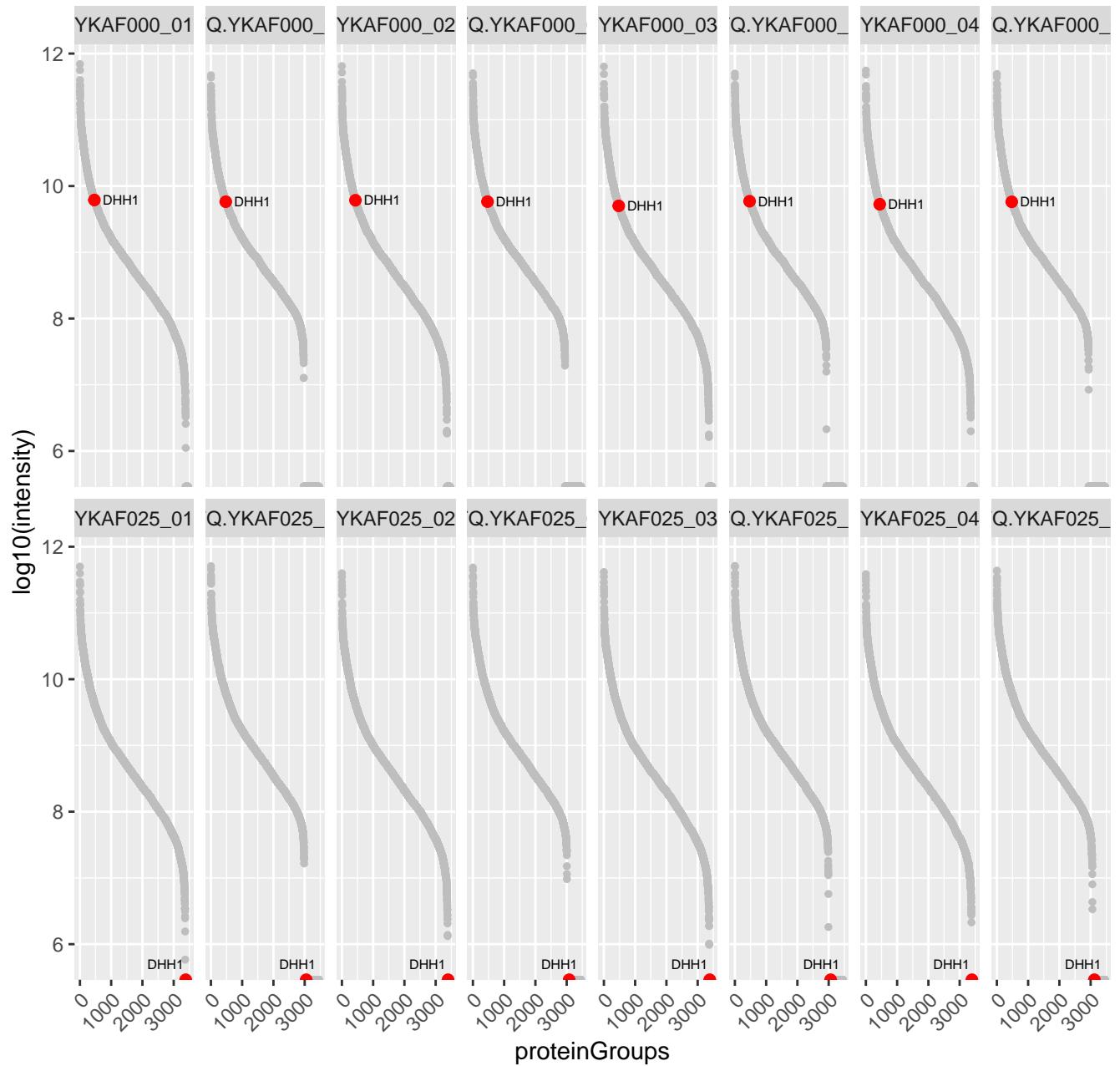
Intensity vs. LFQ Intensity w/o imputed



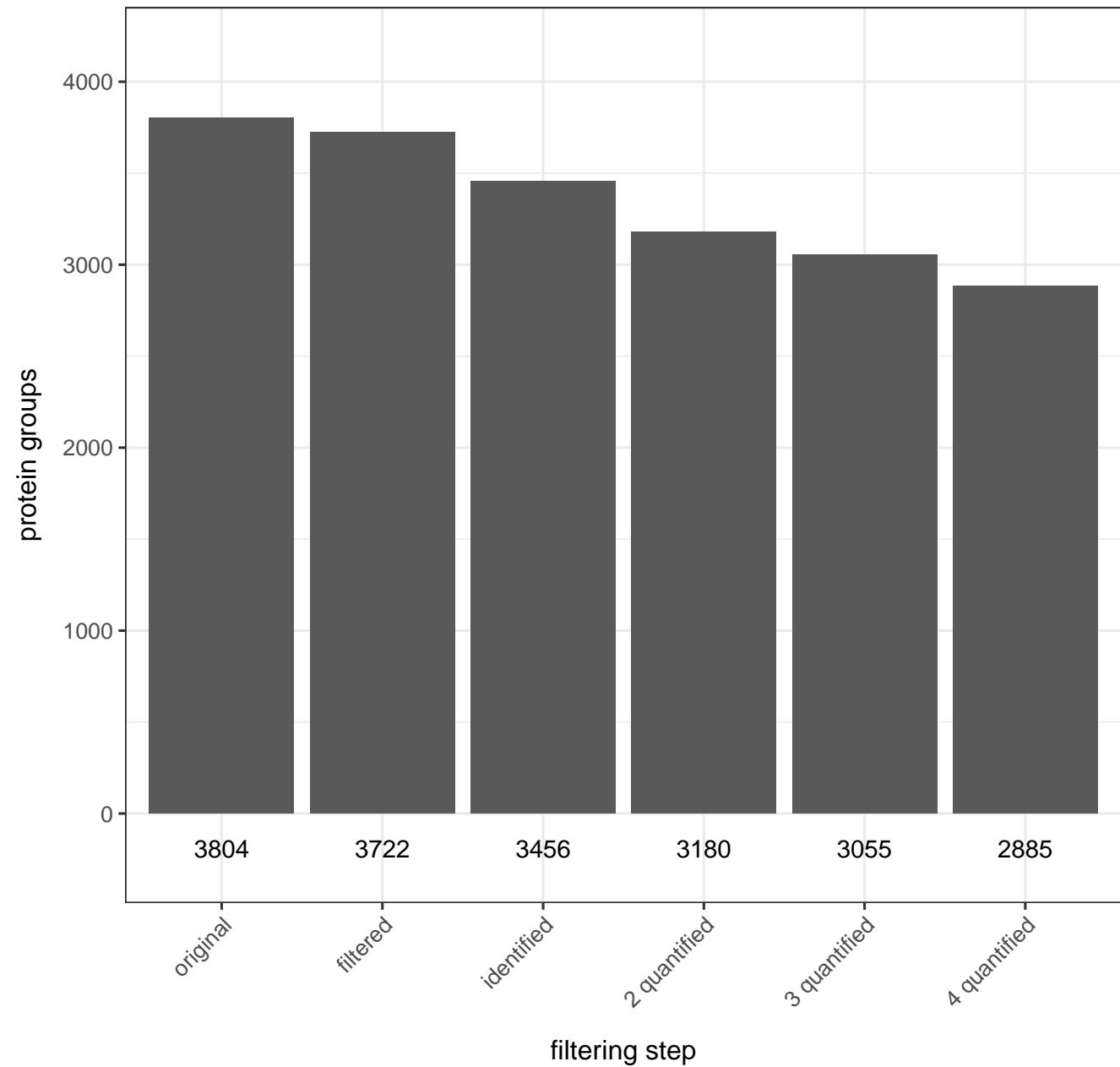
90% of the intensities change in 2.9 orders or magnitude



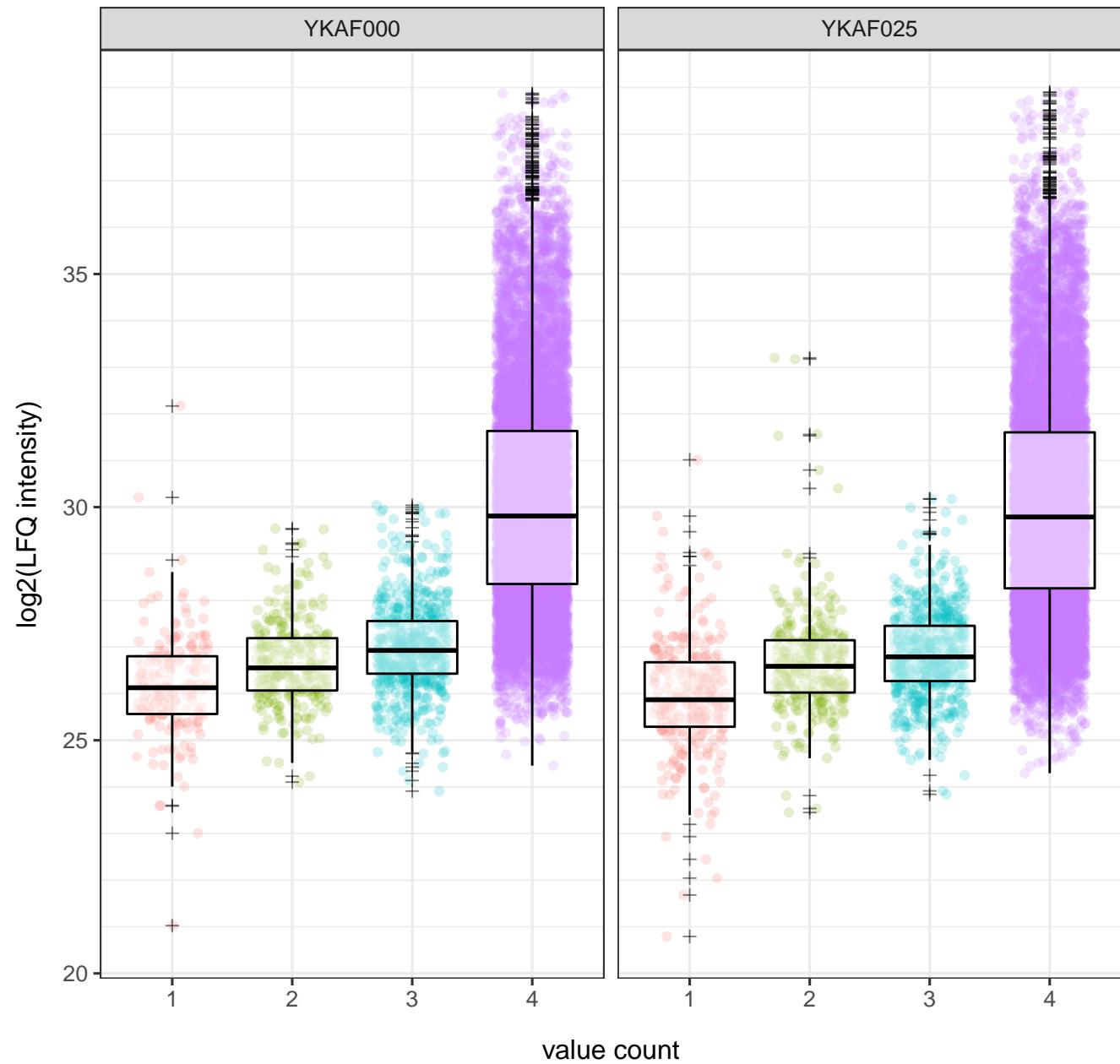
Protein abundance per replicate of LFQ values

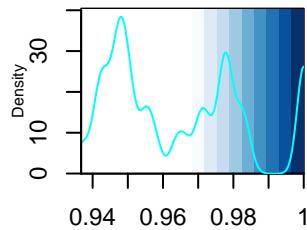


protein groups after each filtering step

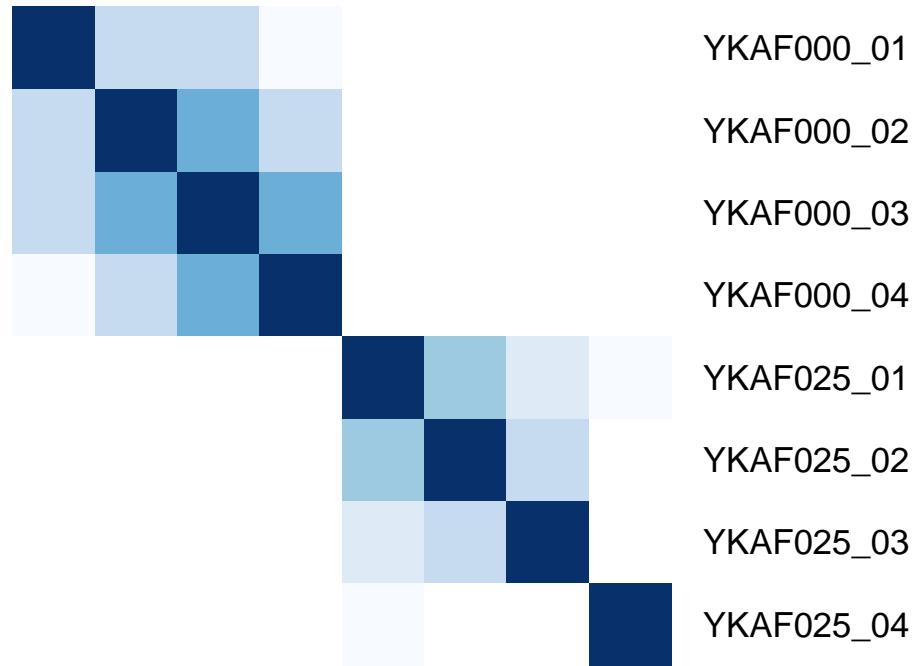


Measured intensity grouped by value counts



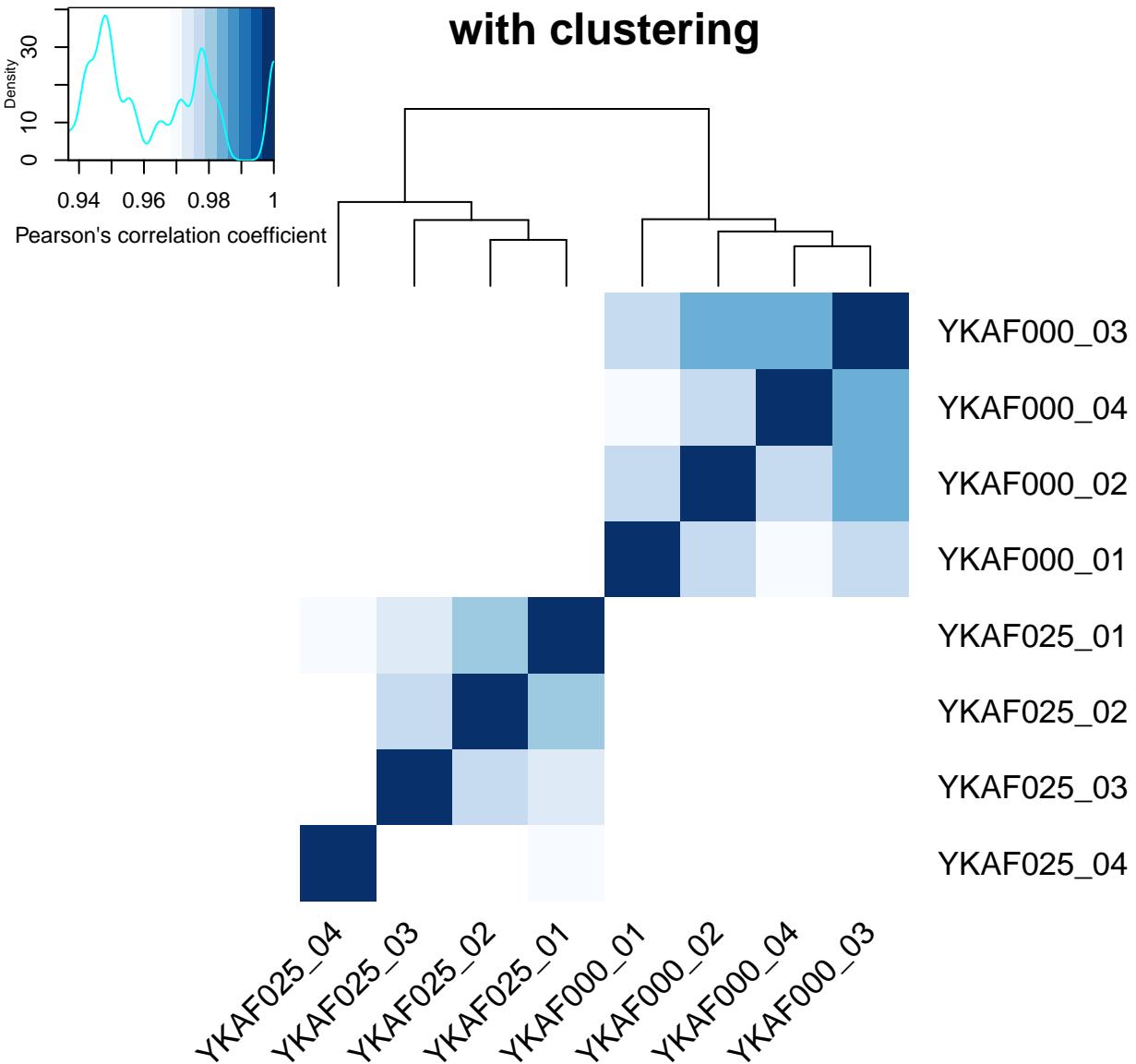


correlation between replicates

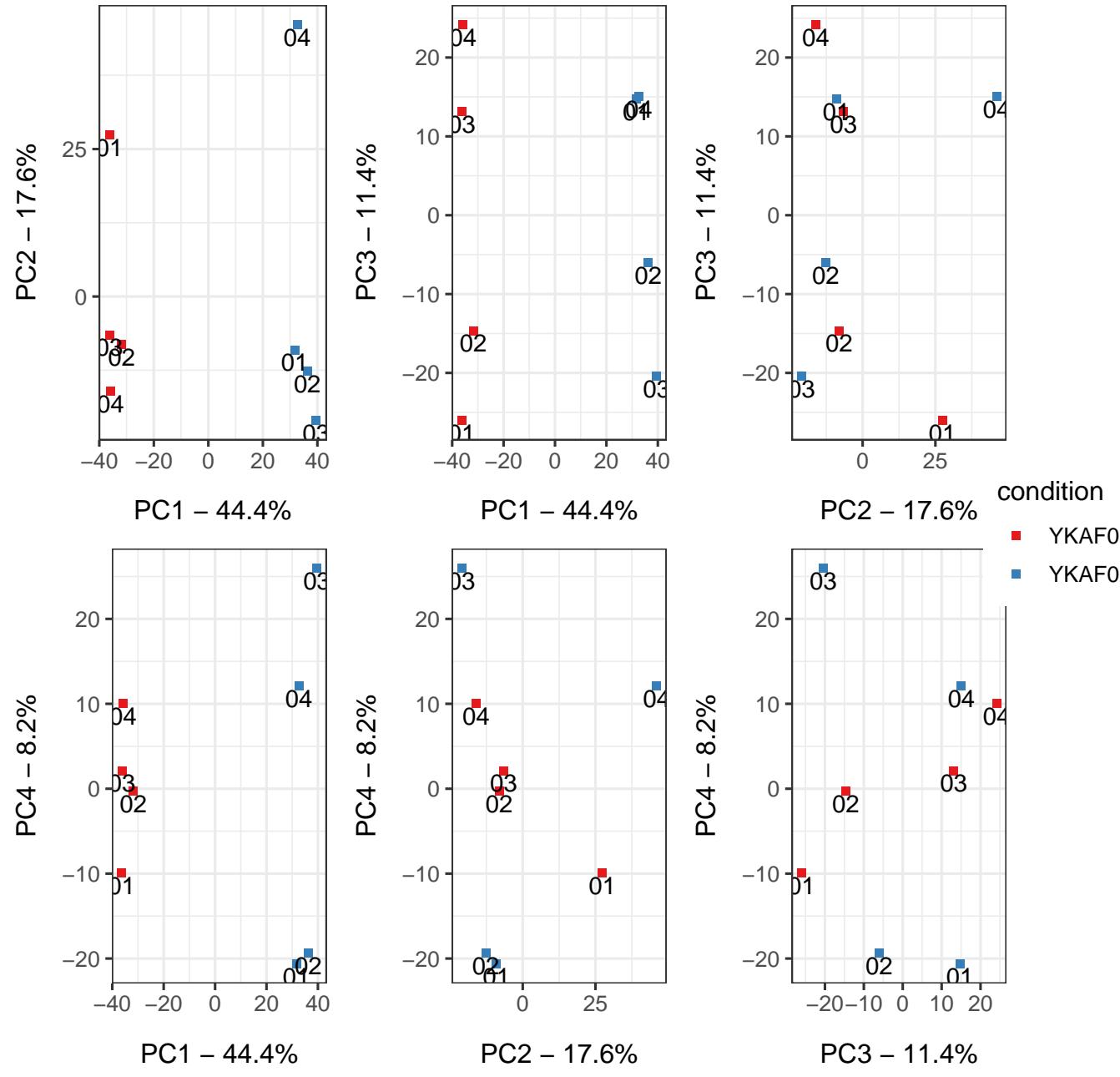


YKAF000_01
YKAF000_02
YKAF000_03
YKAF000_04
YKAF025_01
YKAF025_02
YKAF025_03
YKAF025_04

with clustering



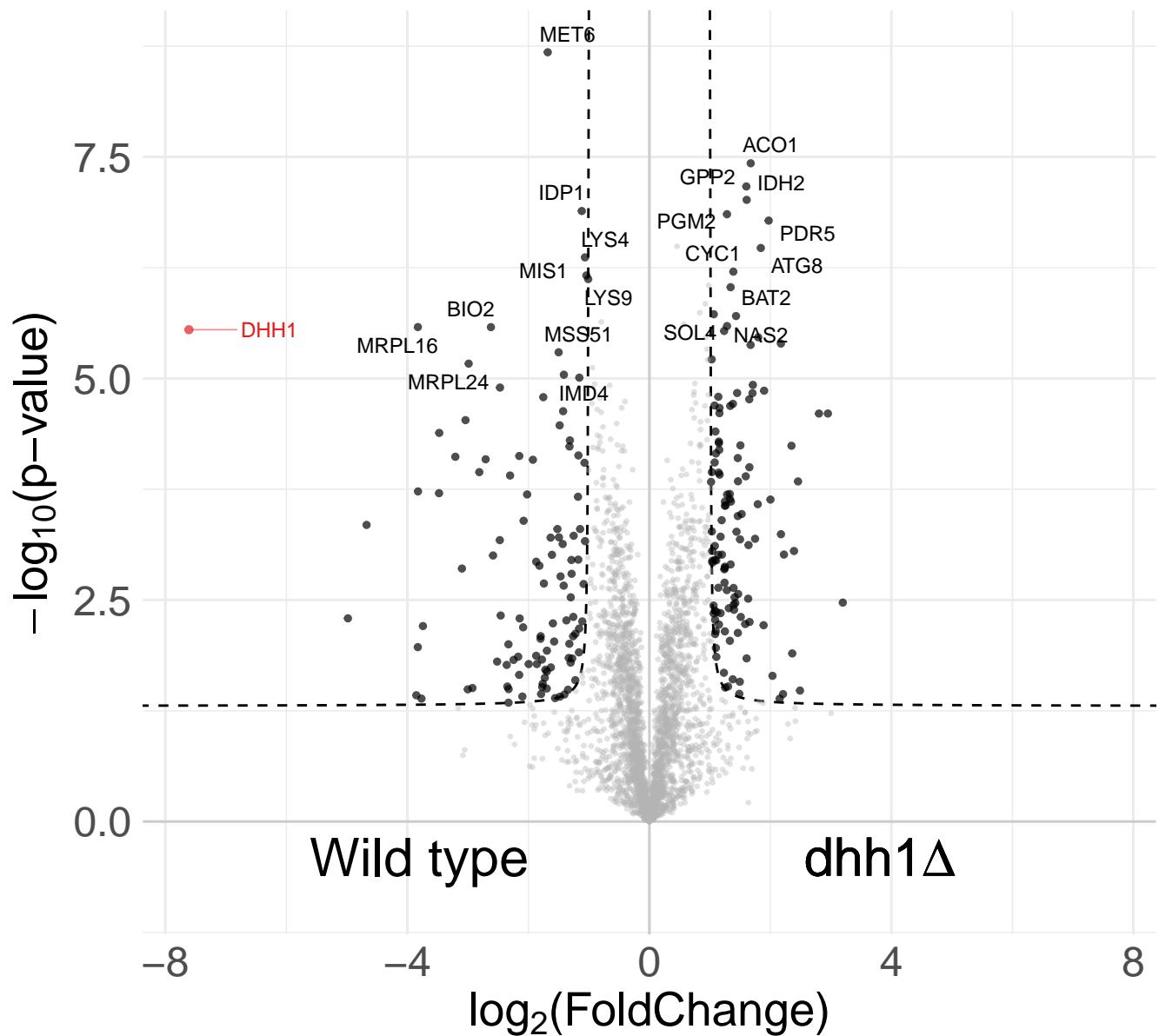
the principal component analysis



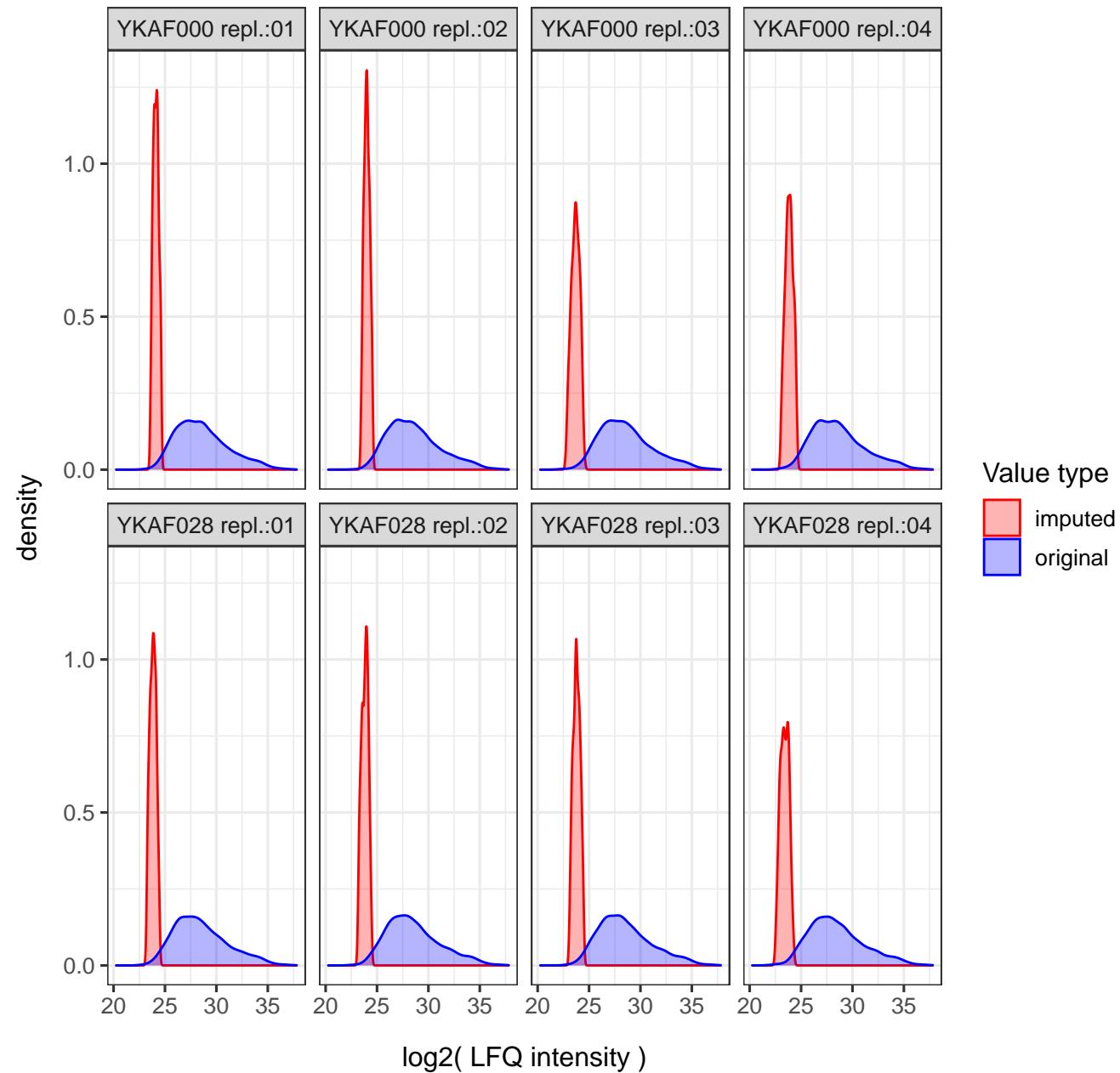
DHH1 KO experiment

Volcano plot of DHH1 KO against Wild type

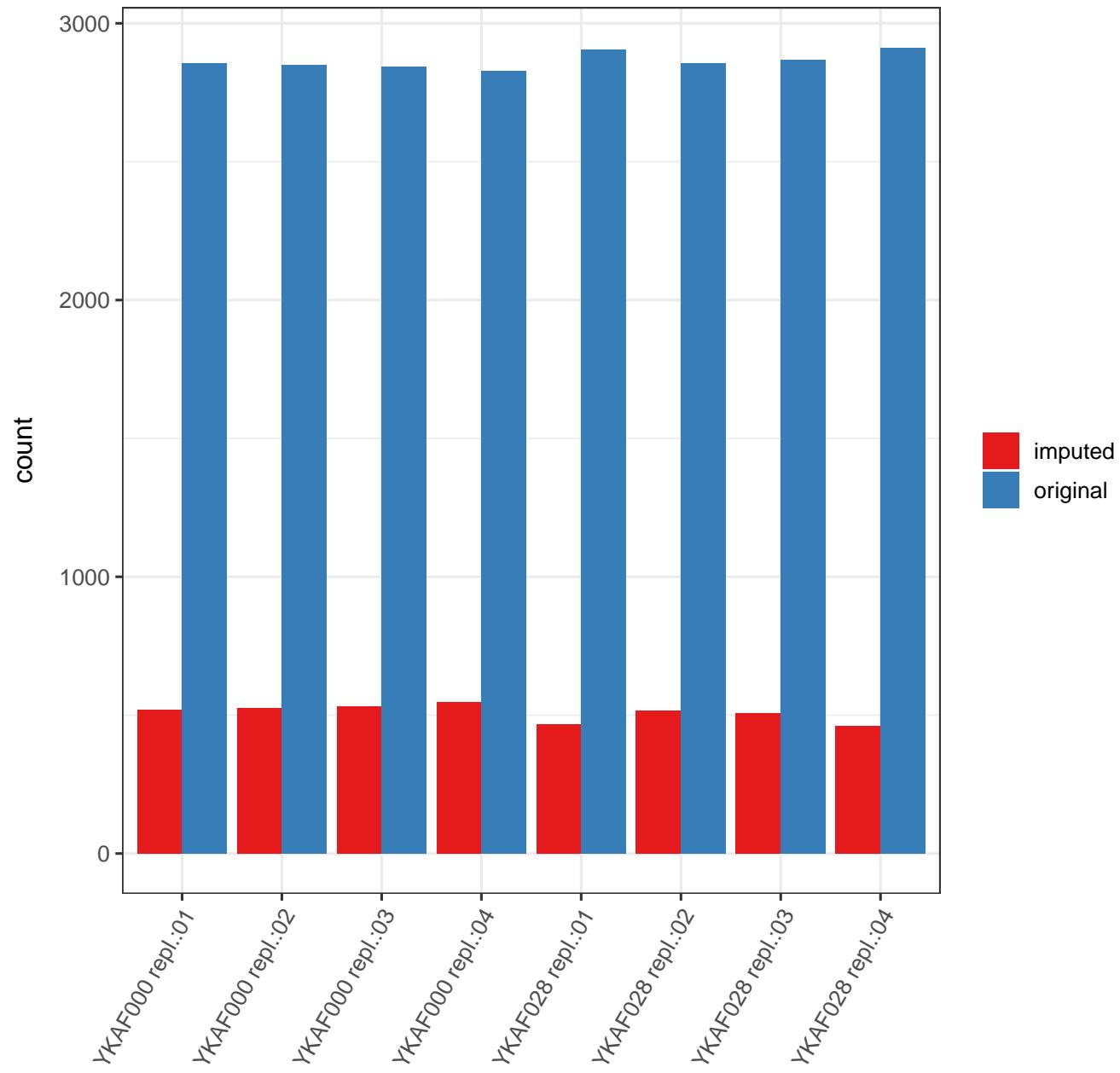
positive: 121; negative: 108; enriched: 229; background: 2951; total: 3180



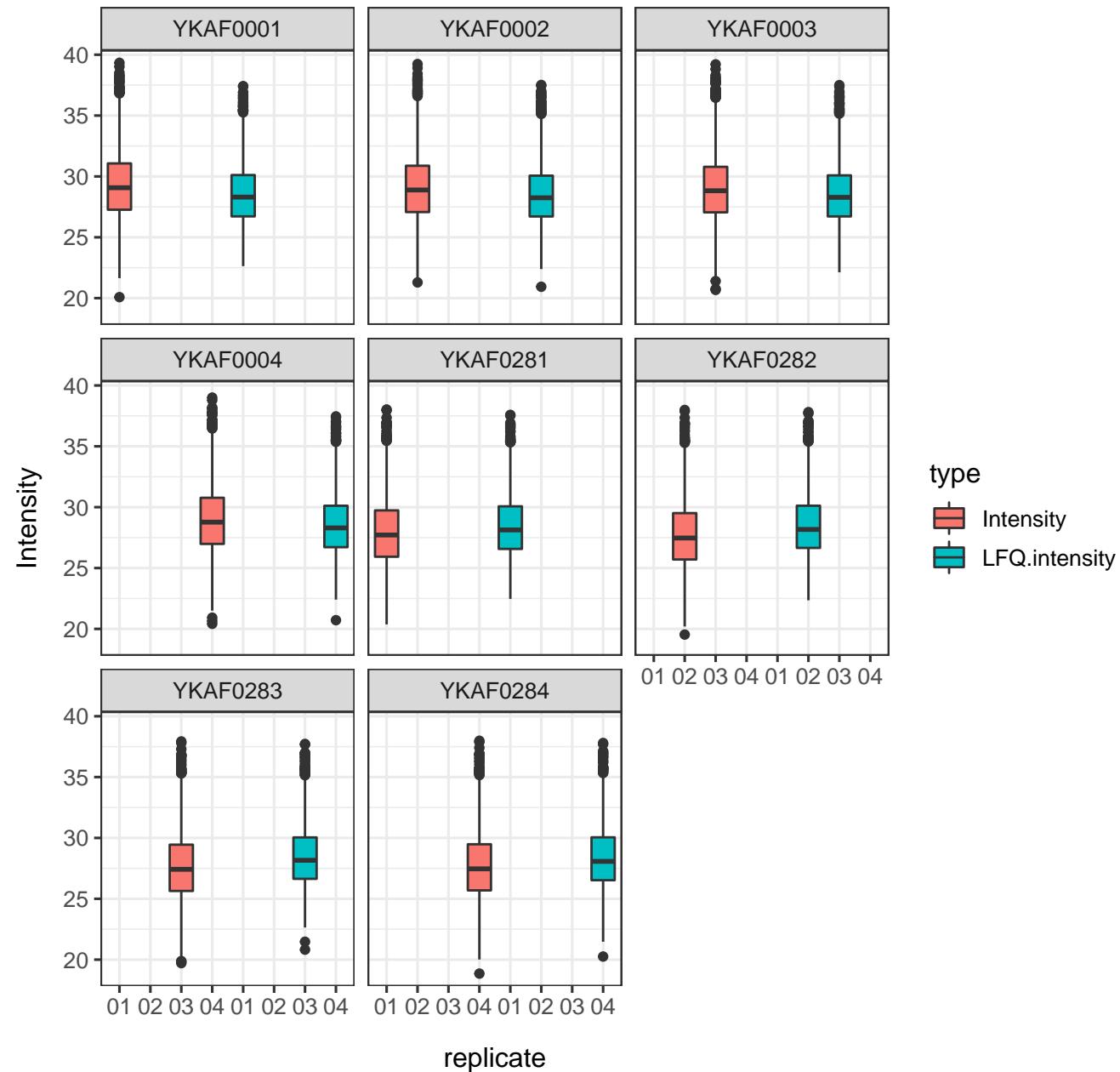
Comparison of imputed and measured values, grouped by replicate



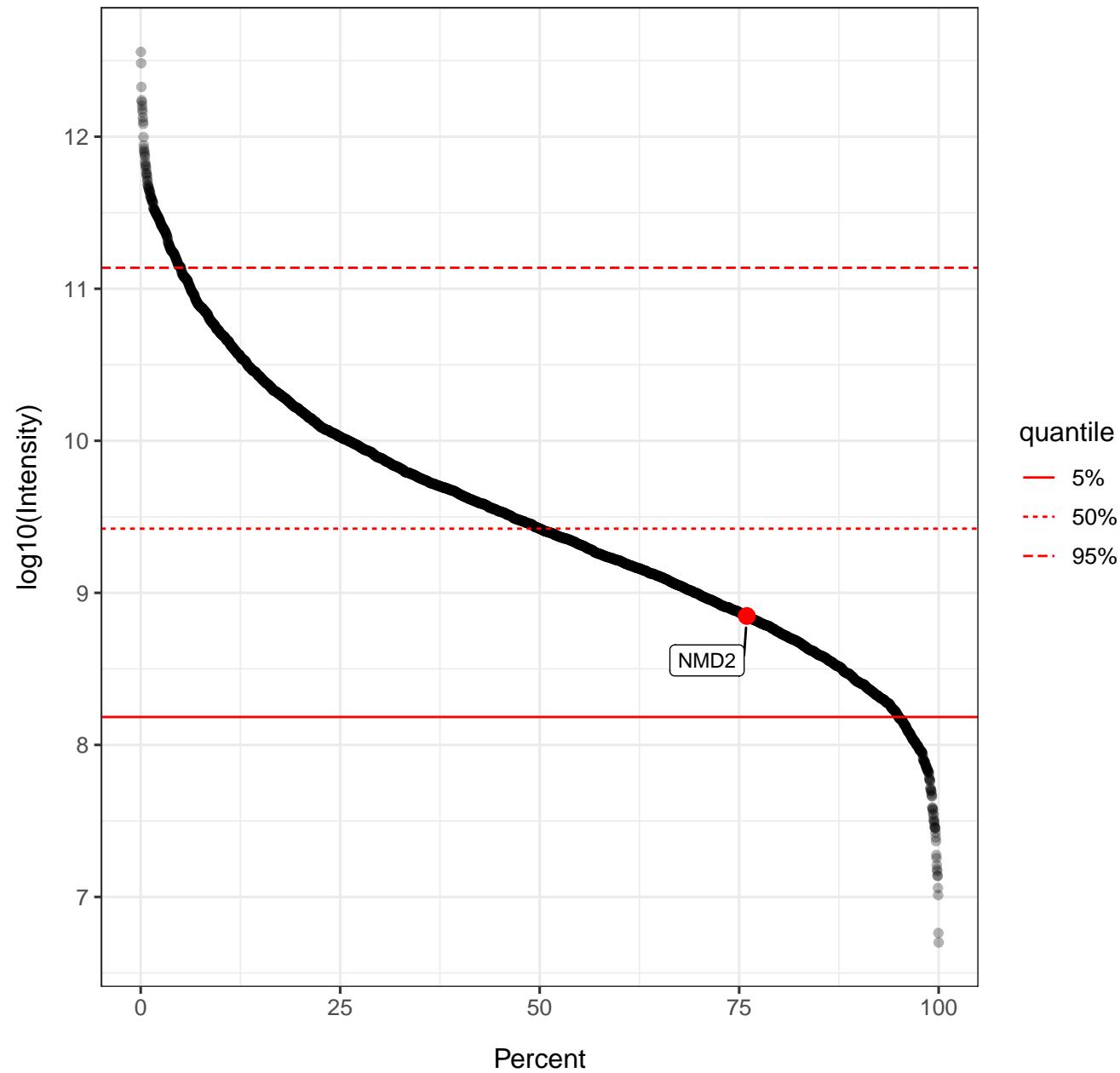
comparison imputed vs. measured



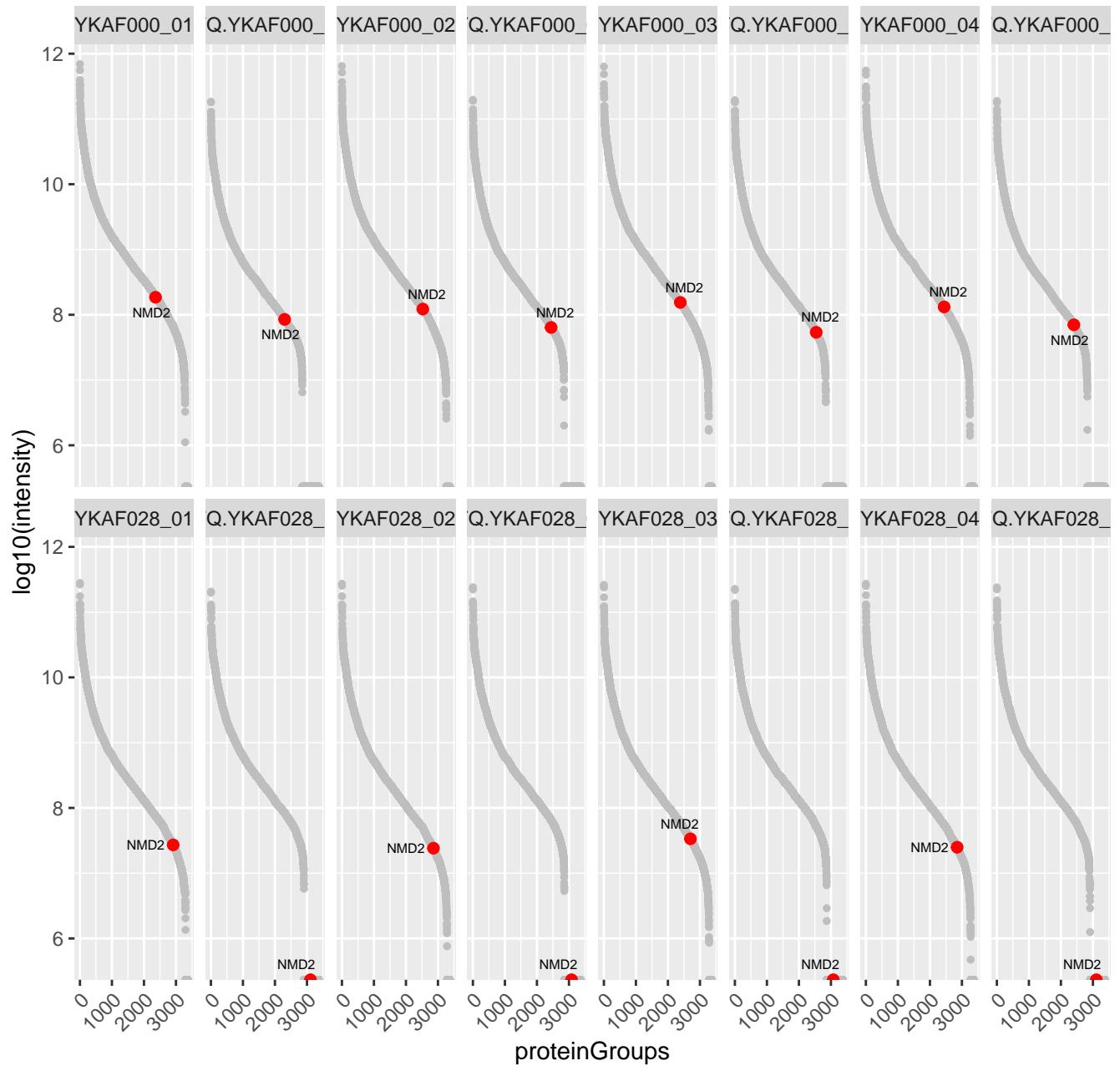
Intensity vs. LFQ Intensity w/o imputed



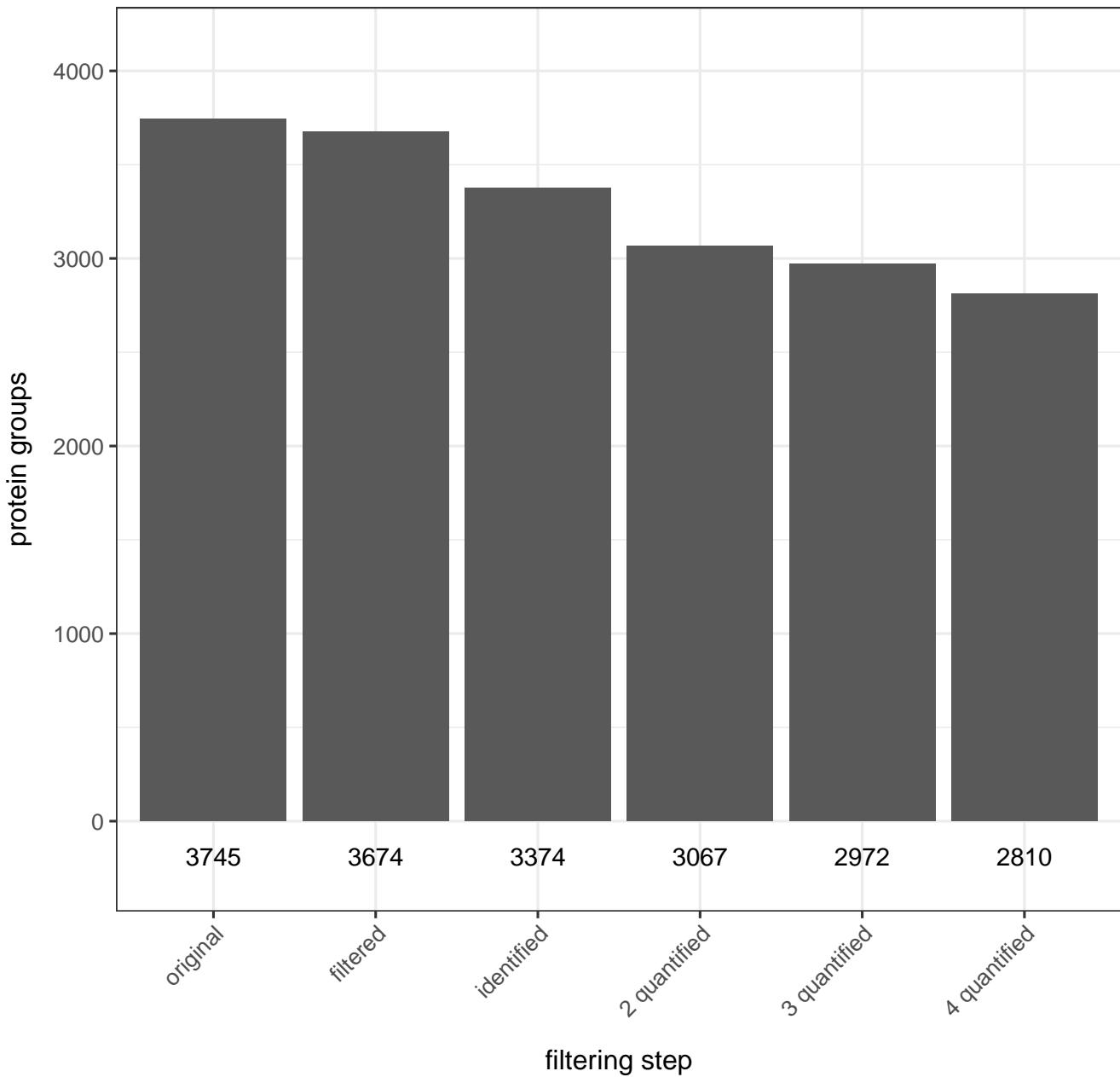
90% of the intensities change in 3.0 orders or magnitude



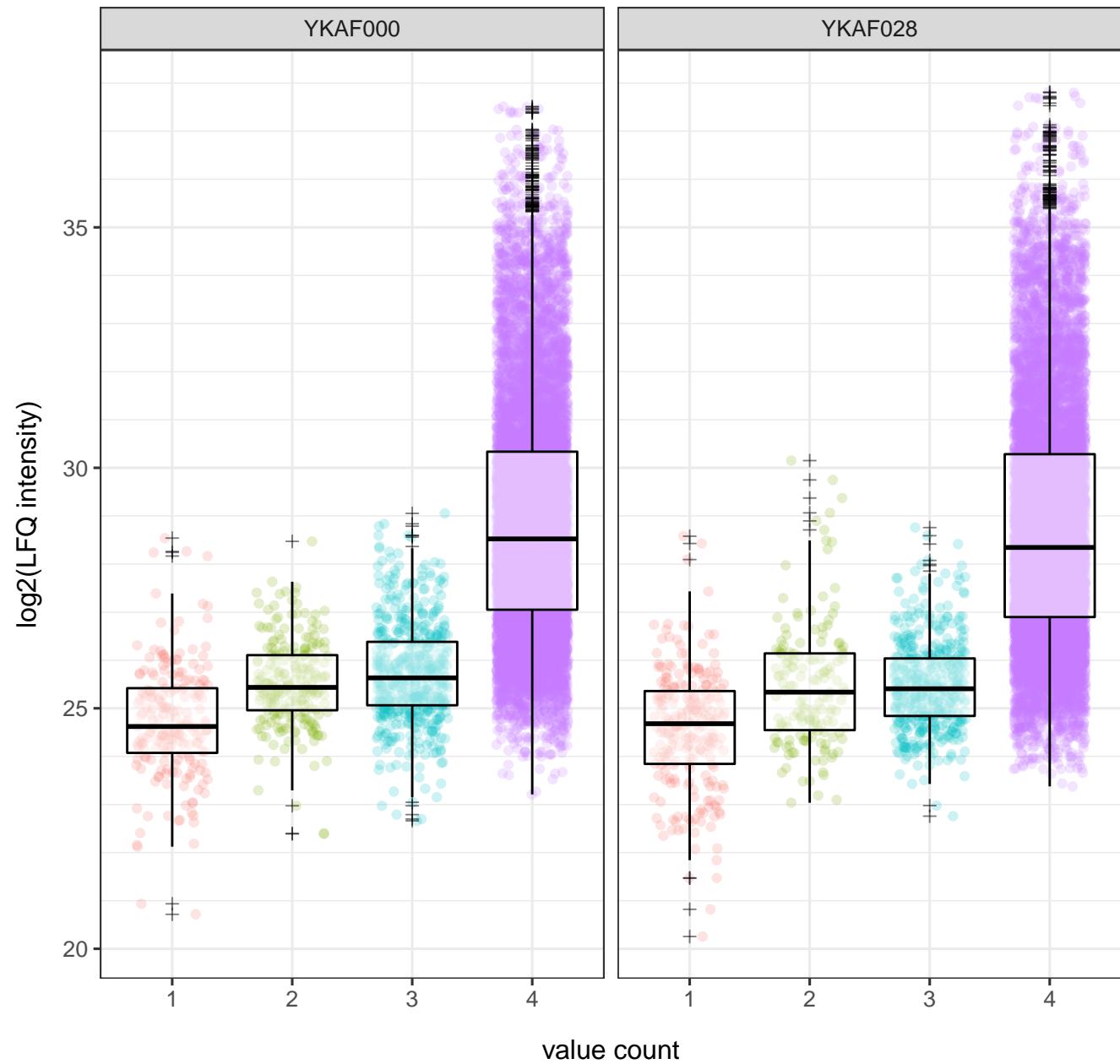
Protein abundance per replicate of LFQ values

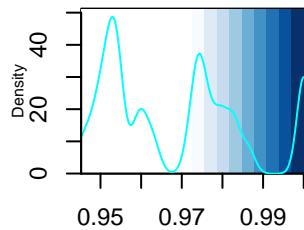


protein groups after each filtering step

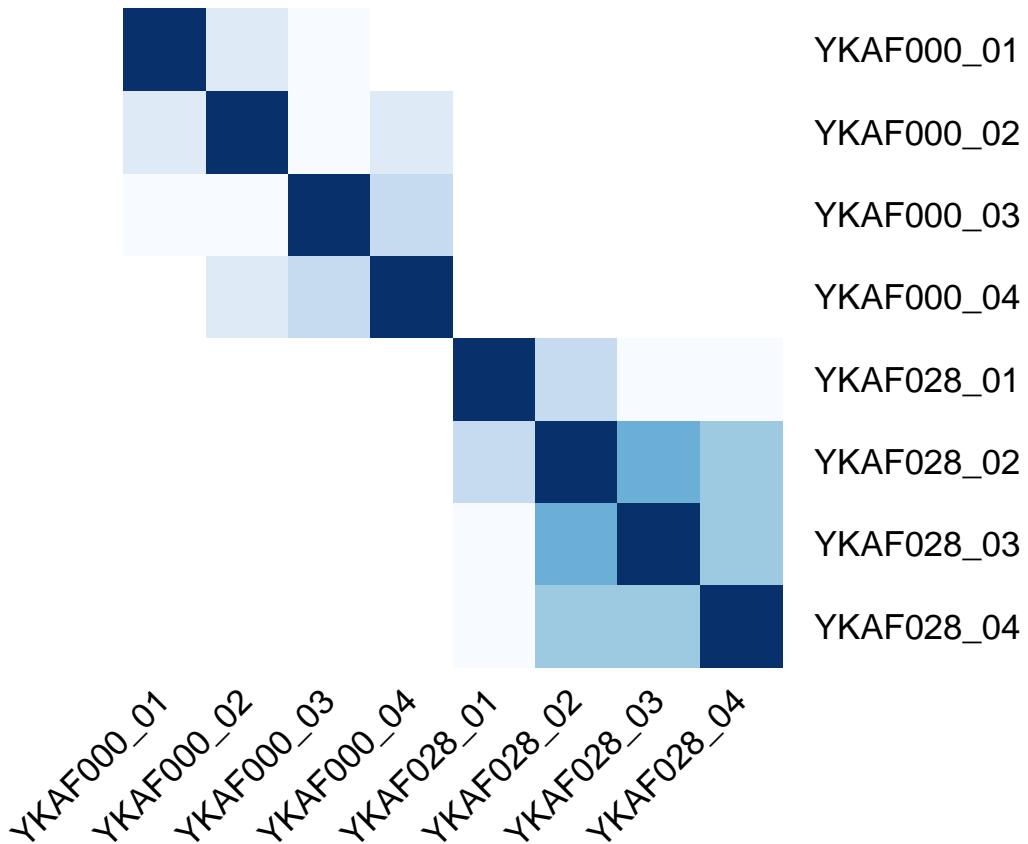


Measured intensity grouped by value counts

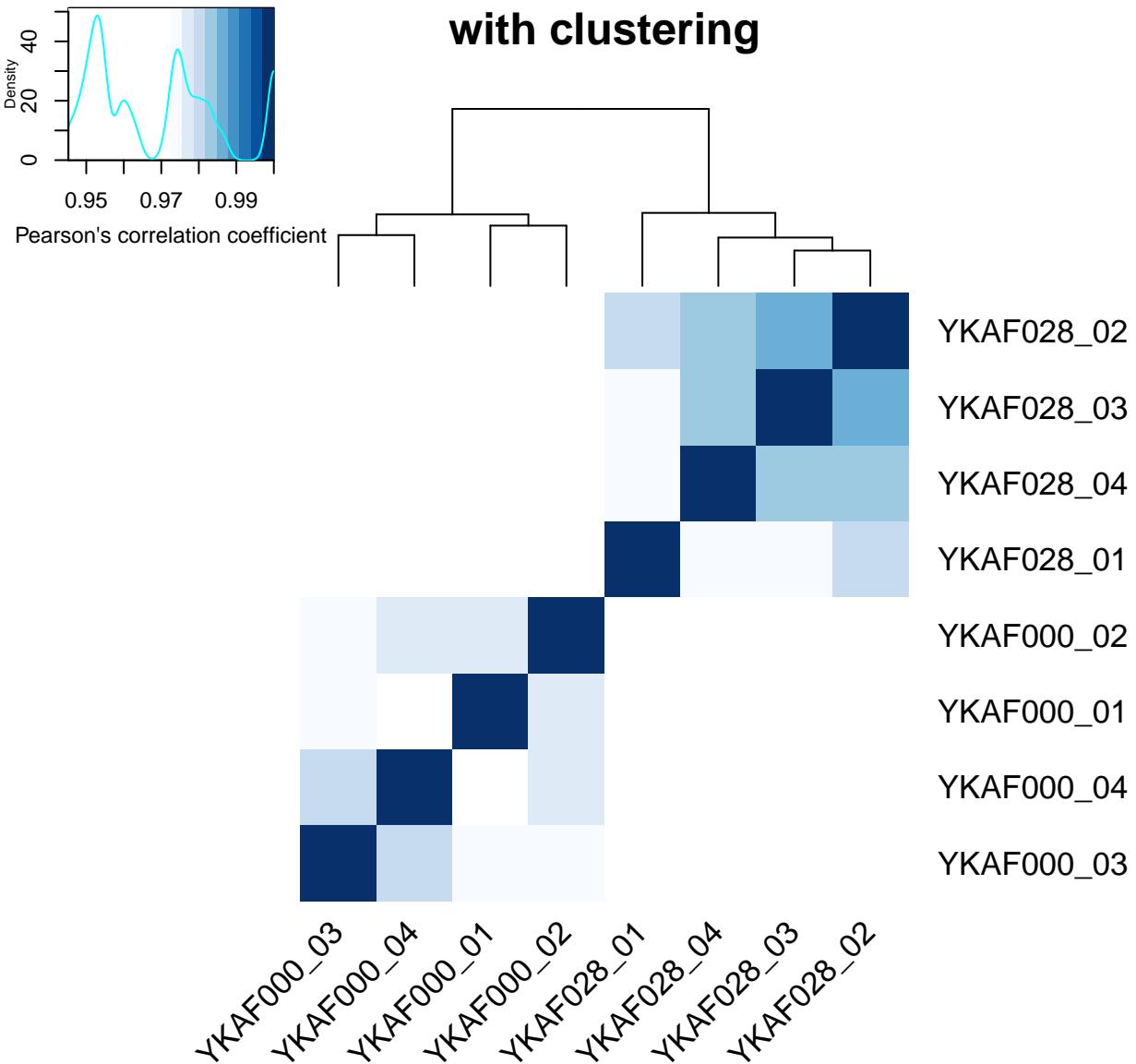




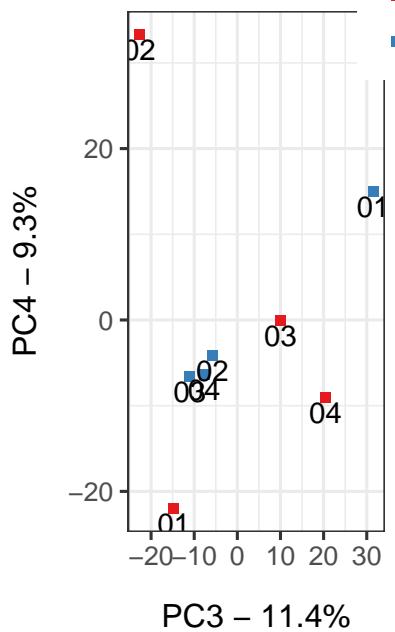
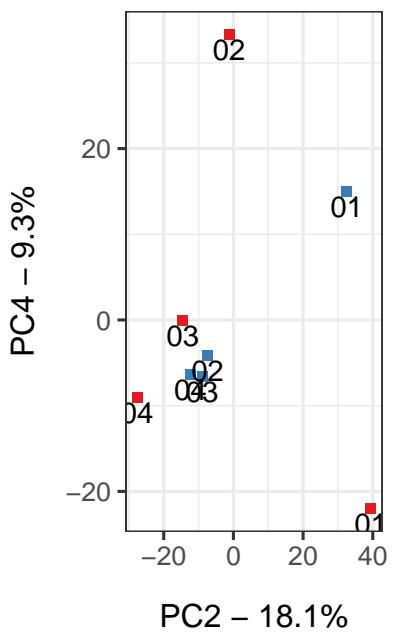
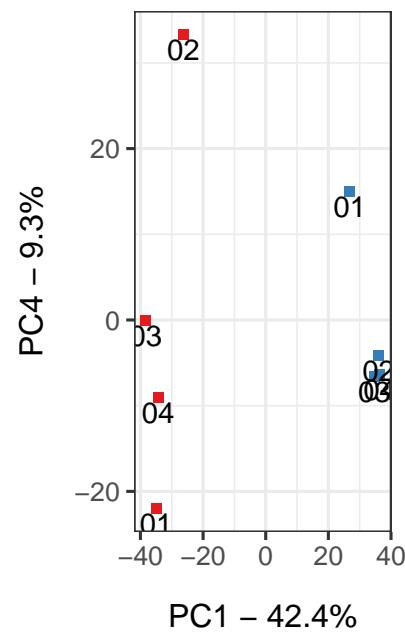
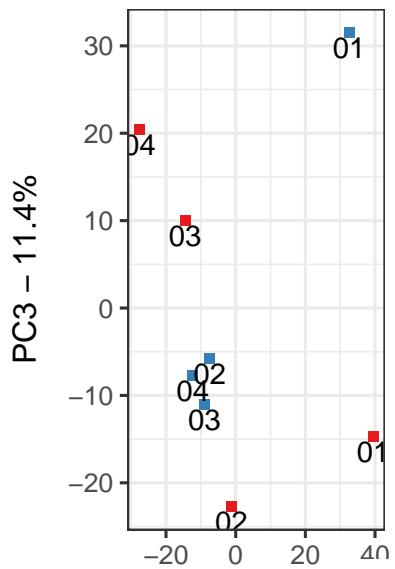
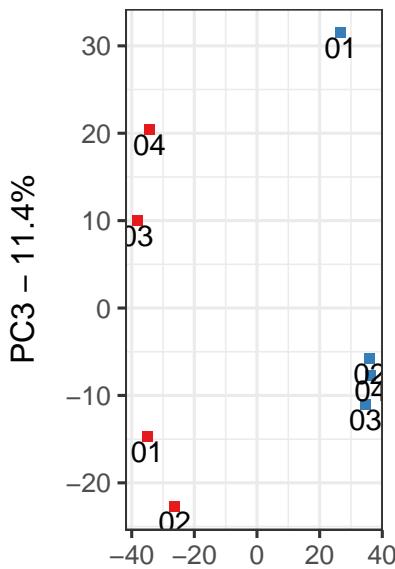
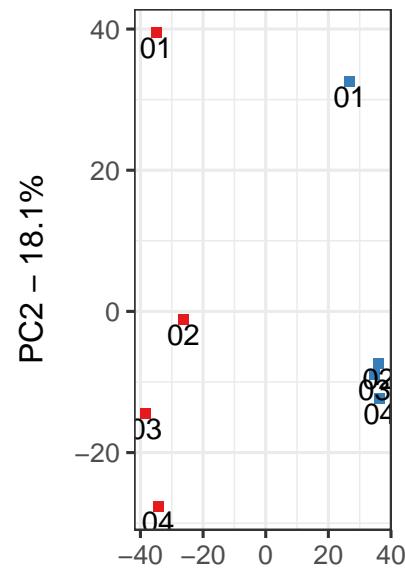
correlation between replicates



with clustering



the principal component analysis



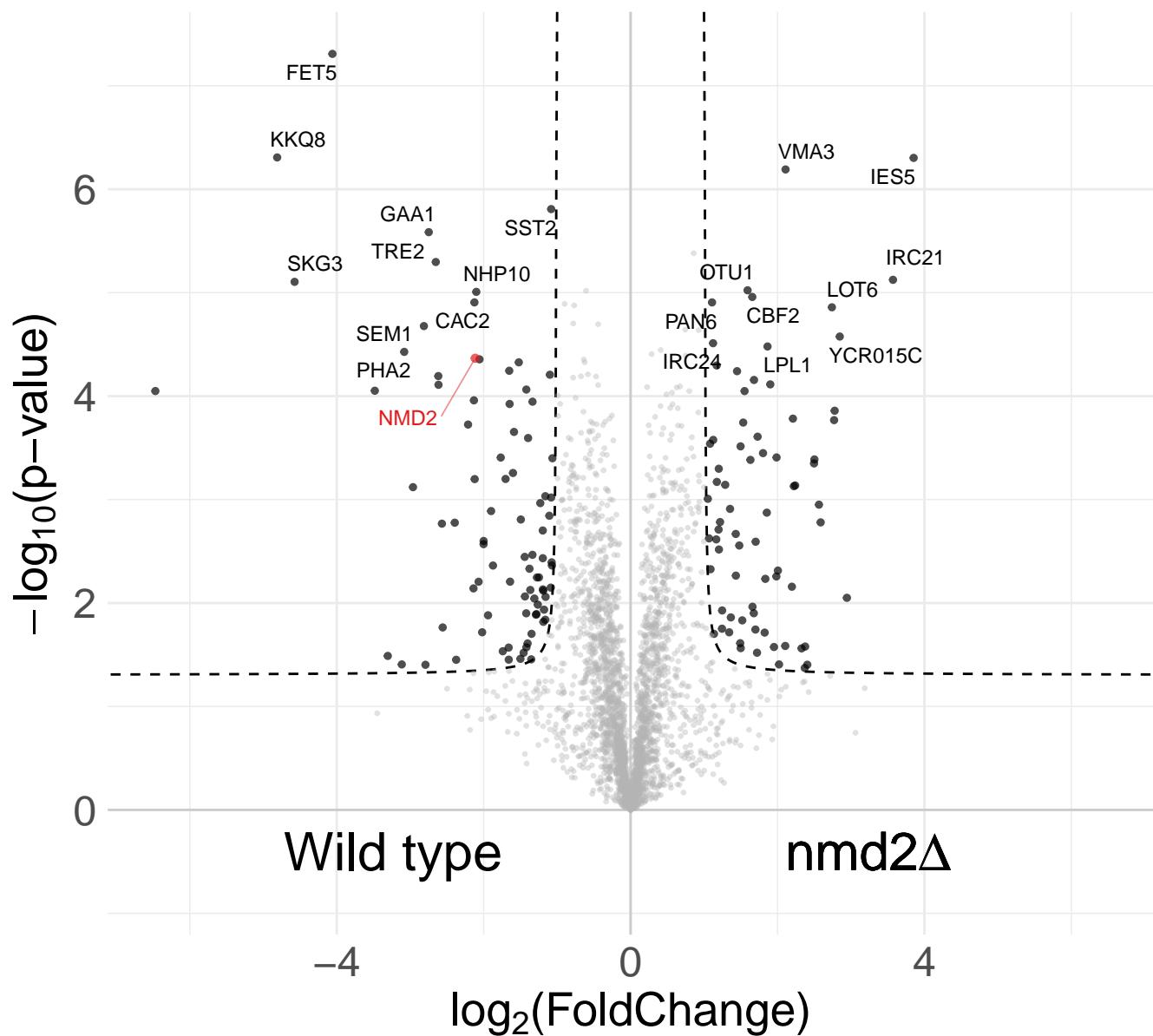
condition

- YKAF01
- YKAF02

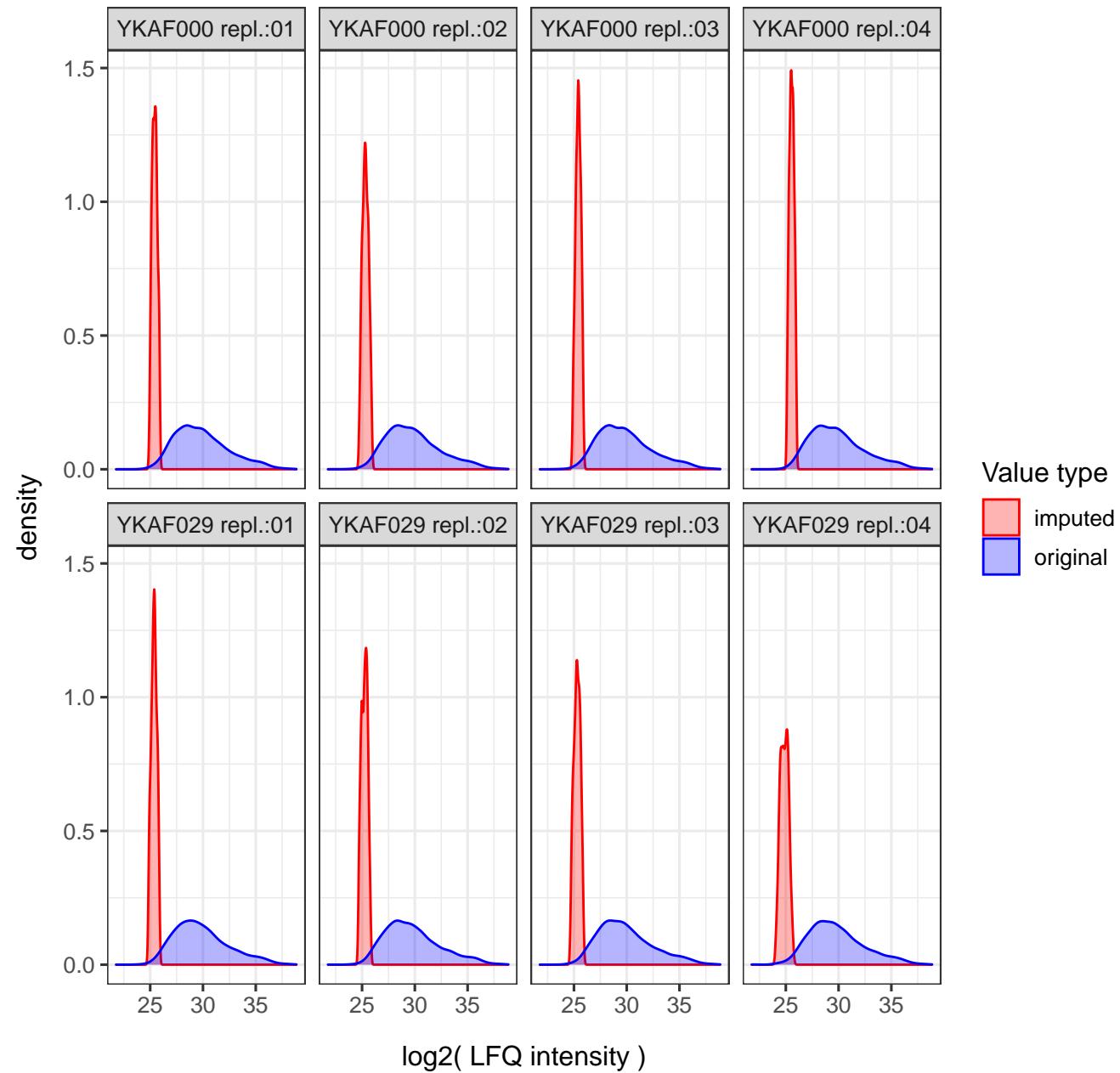
NMD2 KO experiment

Volcano plot of NMD2 KO against Wild type

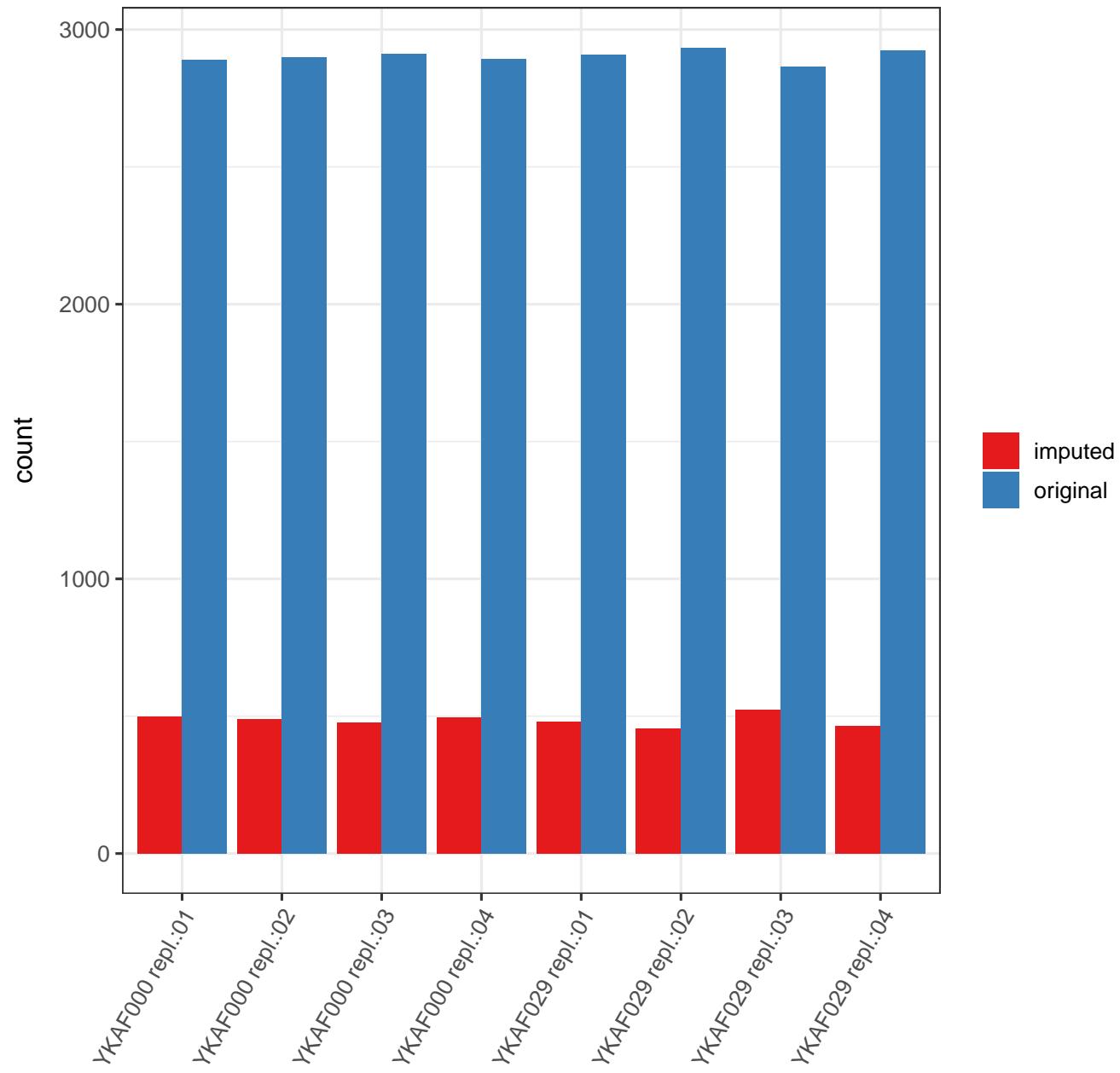
positive: 73; negative: 85; enriched: 158; background: 2909; total: 3067



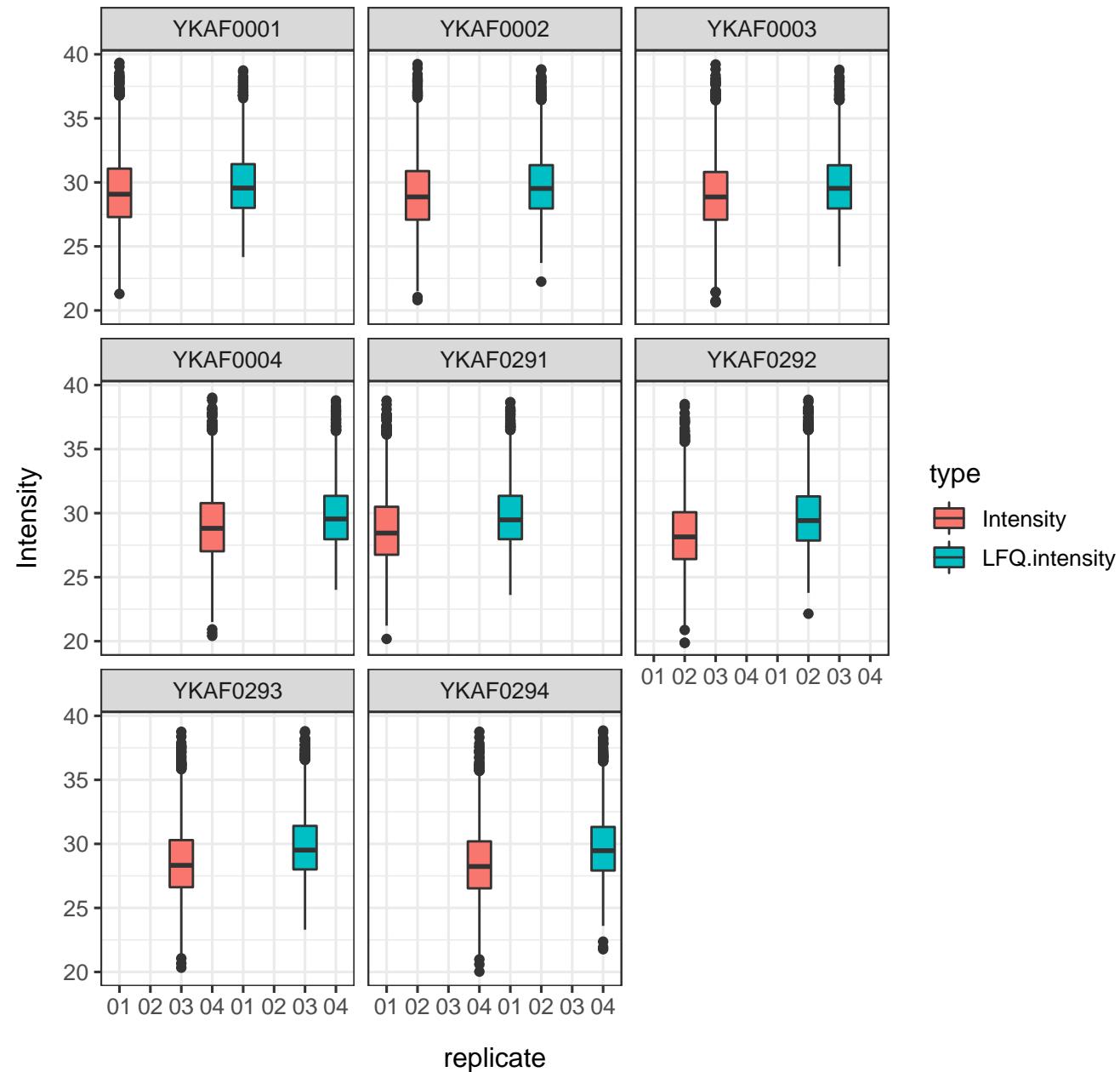
Comparison of imputed and measured values, grouped by replicate



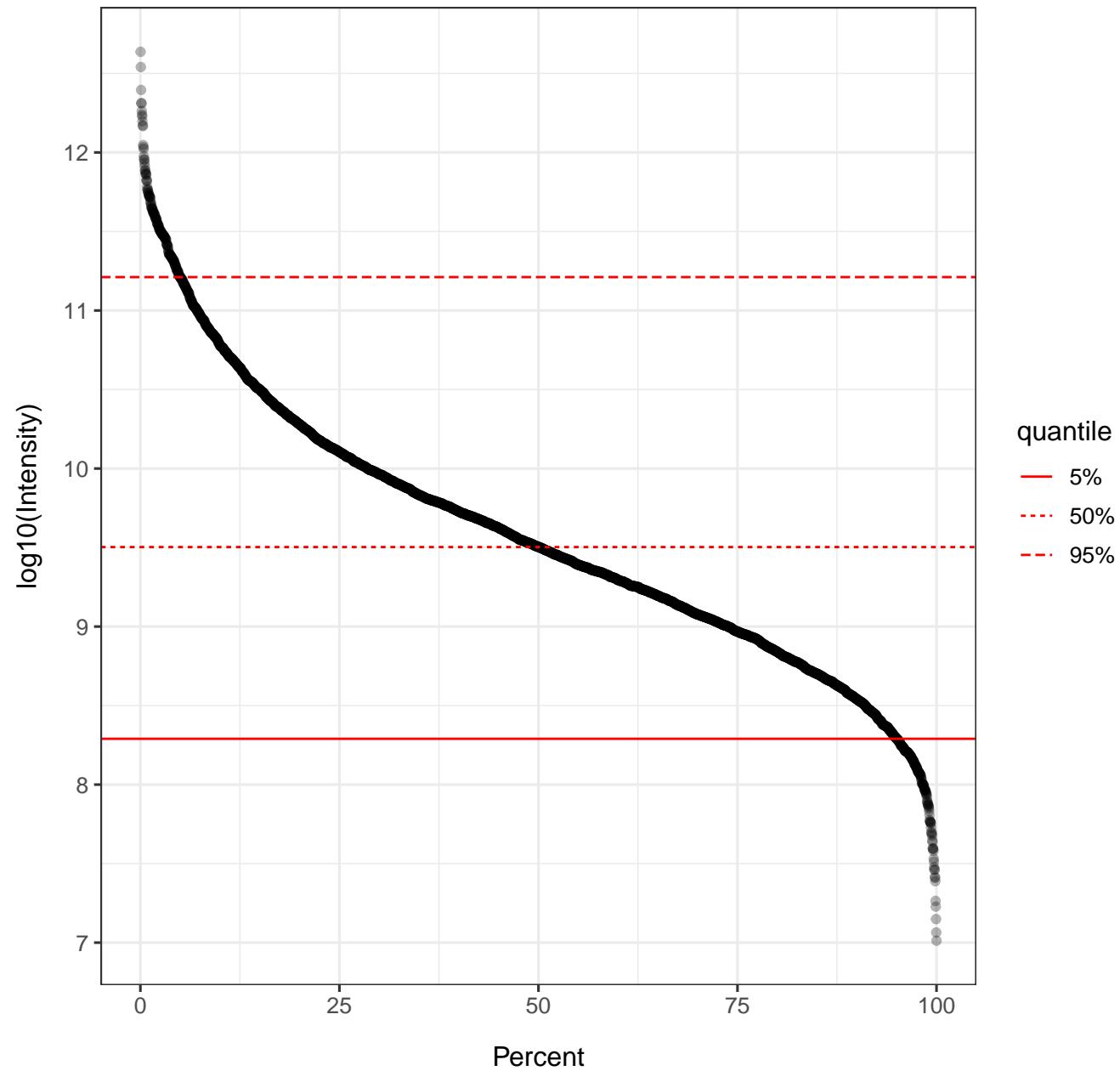
comparison imputed vs. measured



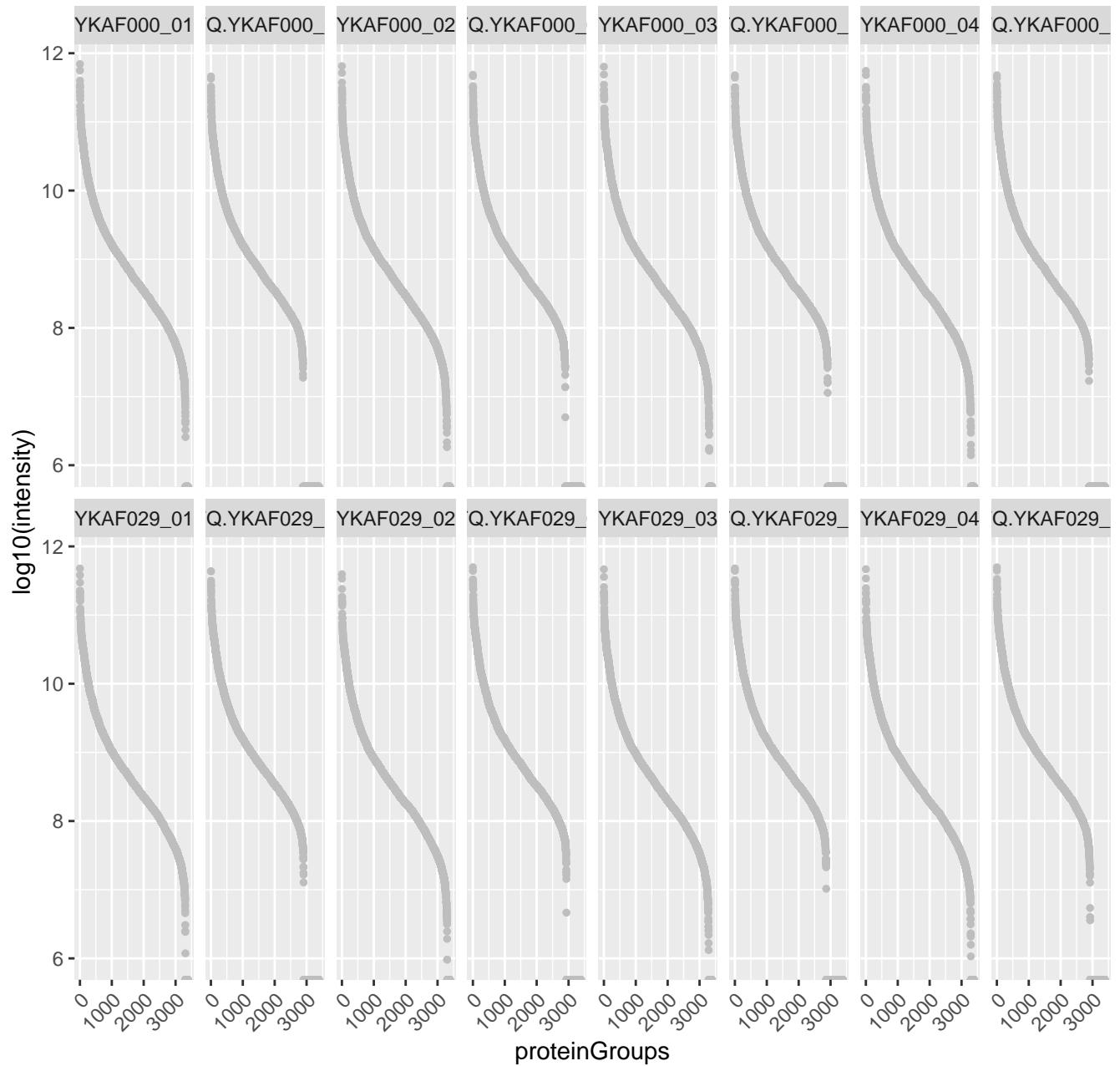
Intensity vs. LFQ Intensity w/o imputed



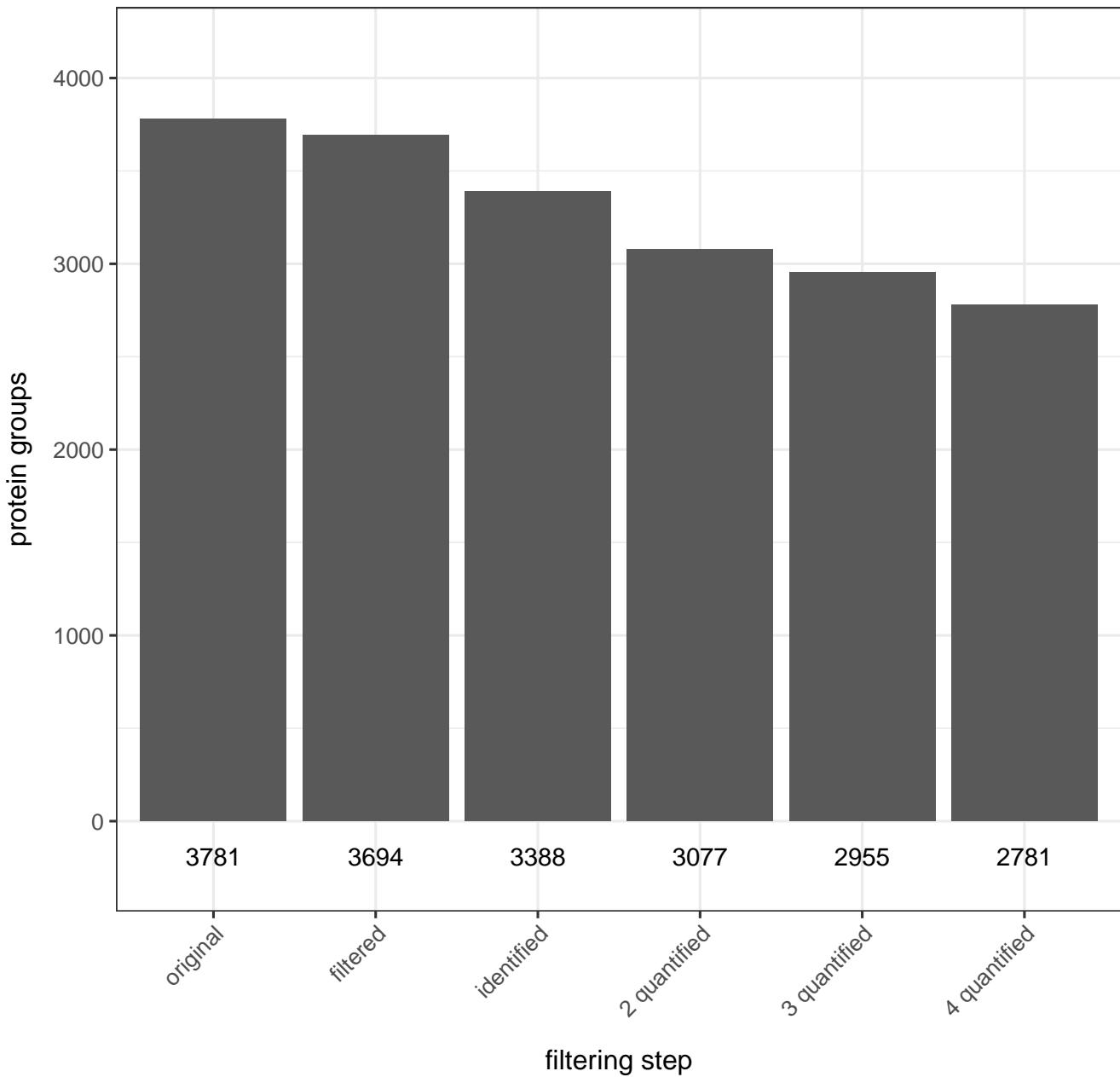
90% of the intensities change in 2.9 orders or magnitude



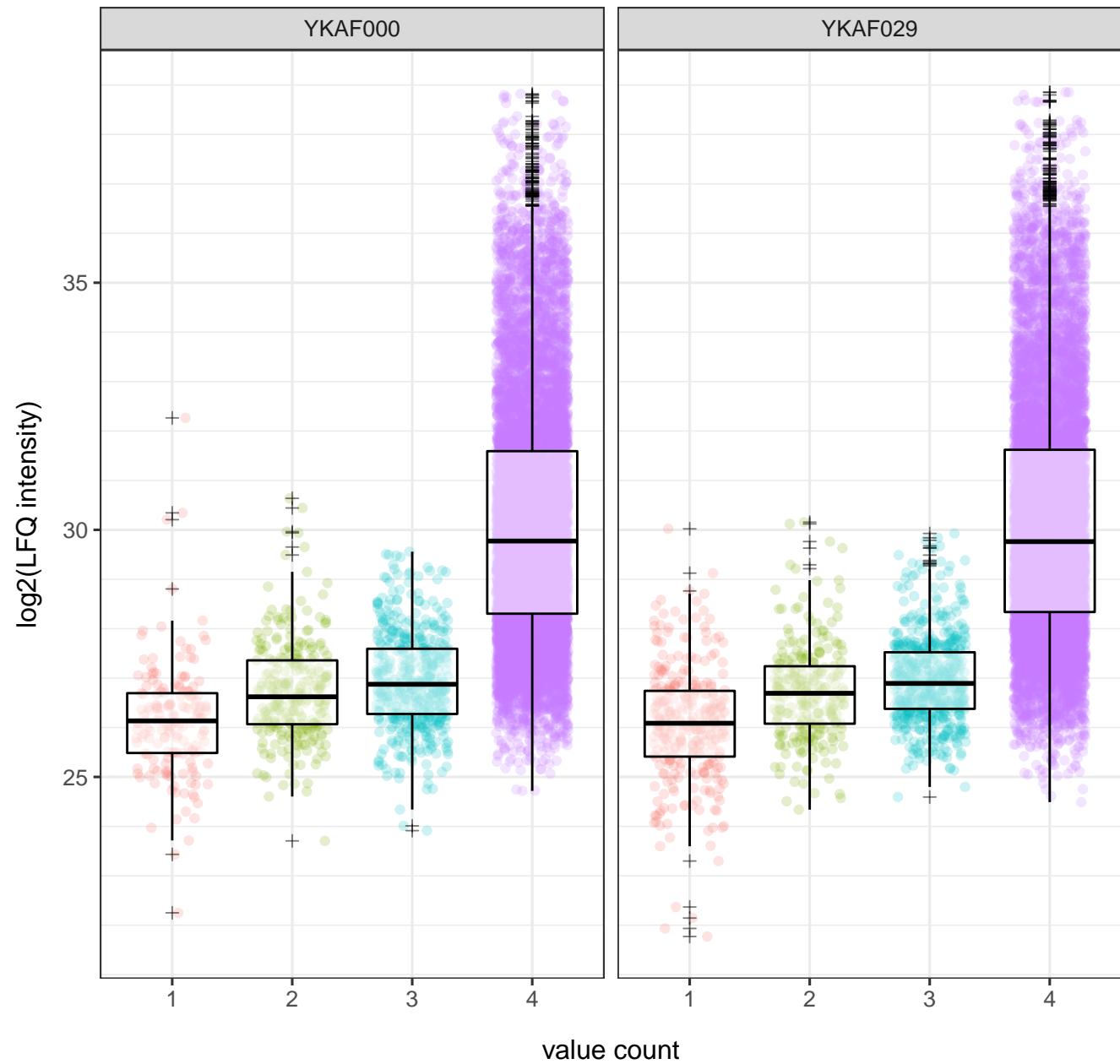
Protein abundance per replicate of LFQ values

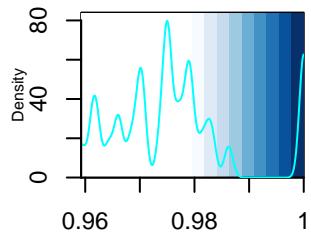


protein groups after each filtering step

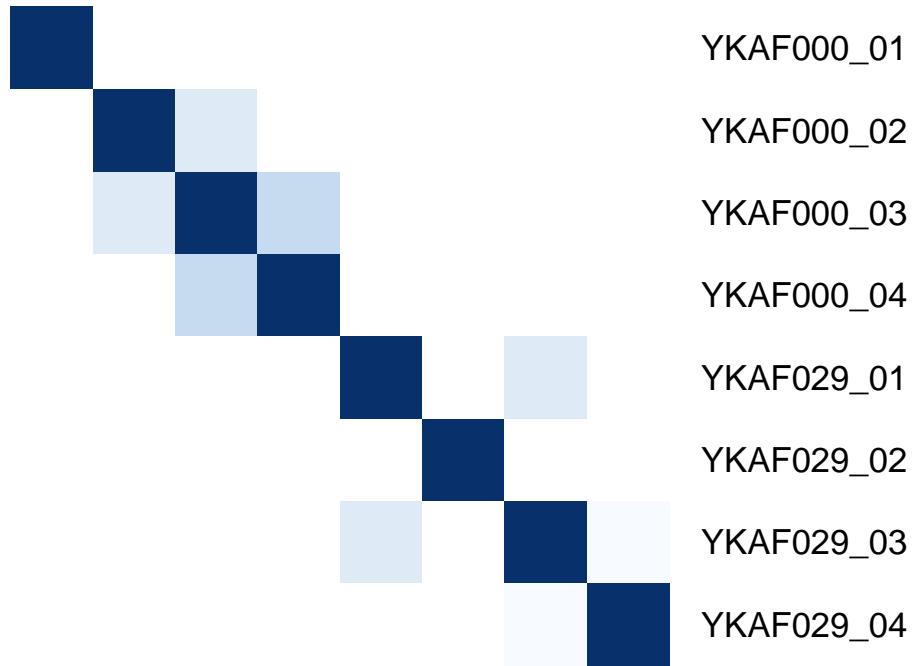


Measured intensity grouped by value counts



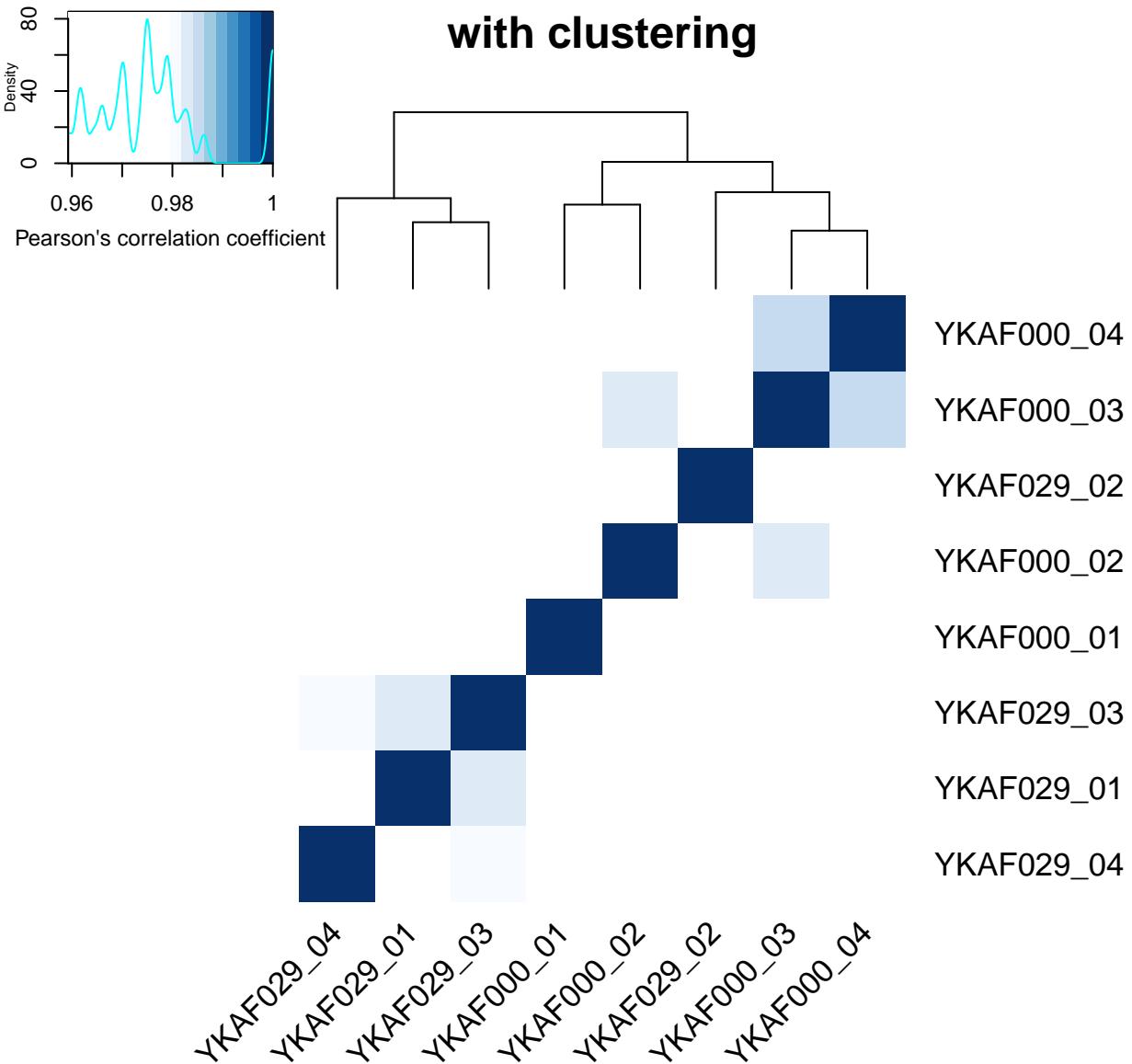


Correlation between replicates

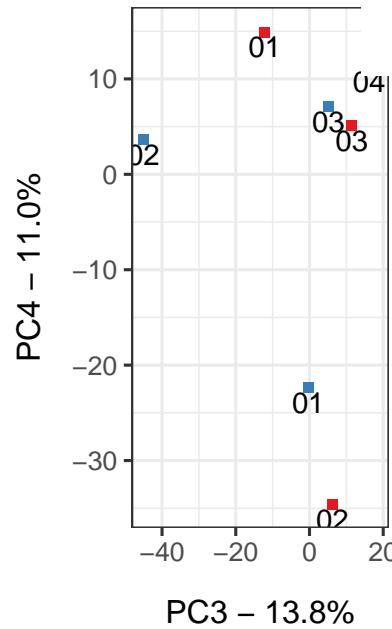
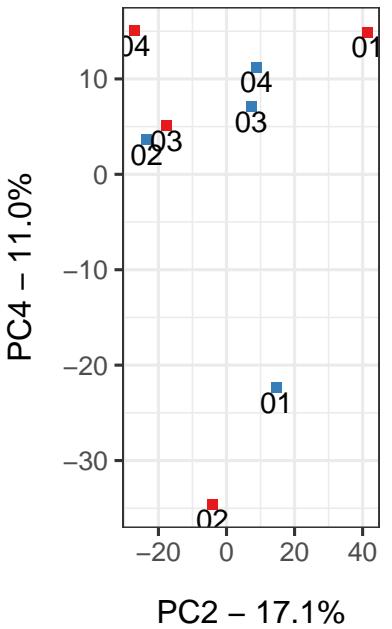
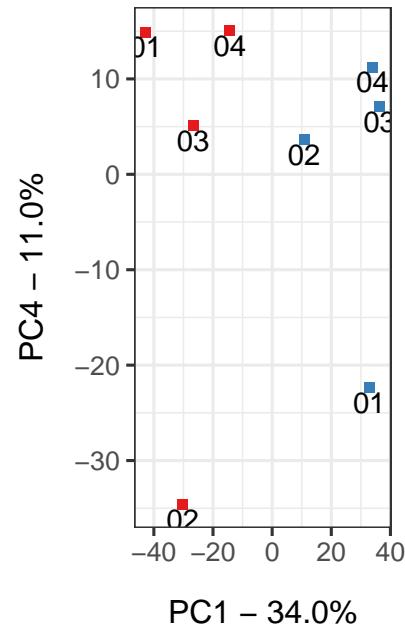
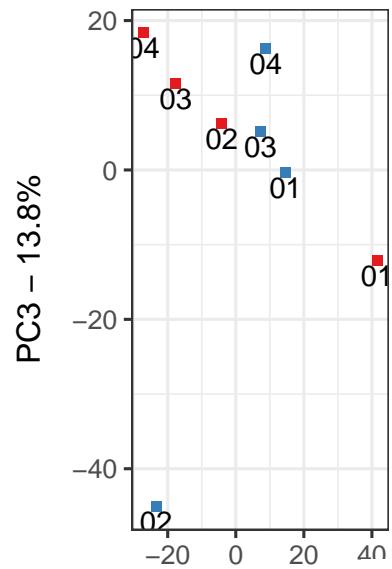
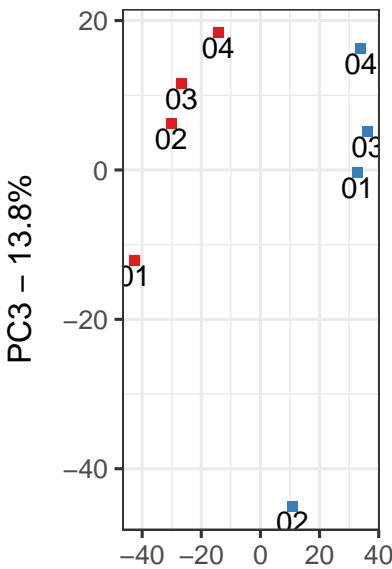
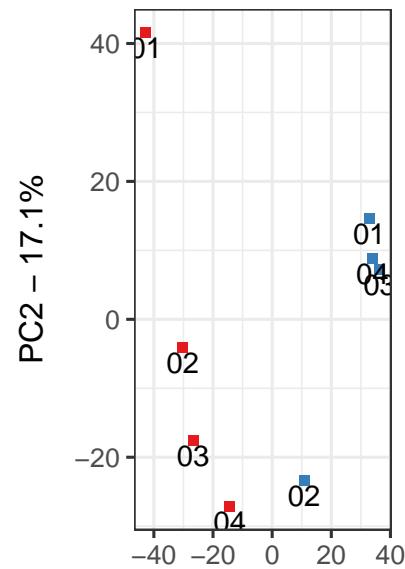


YKAF000_01 *YKAF000_02* *YKAF000_03* *YKAF000_04* *YKAF029_01* *YKAF029_02* *YKAF029_03* *YKAF029_04*

with clustering



the principal component analysis



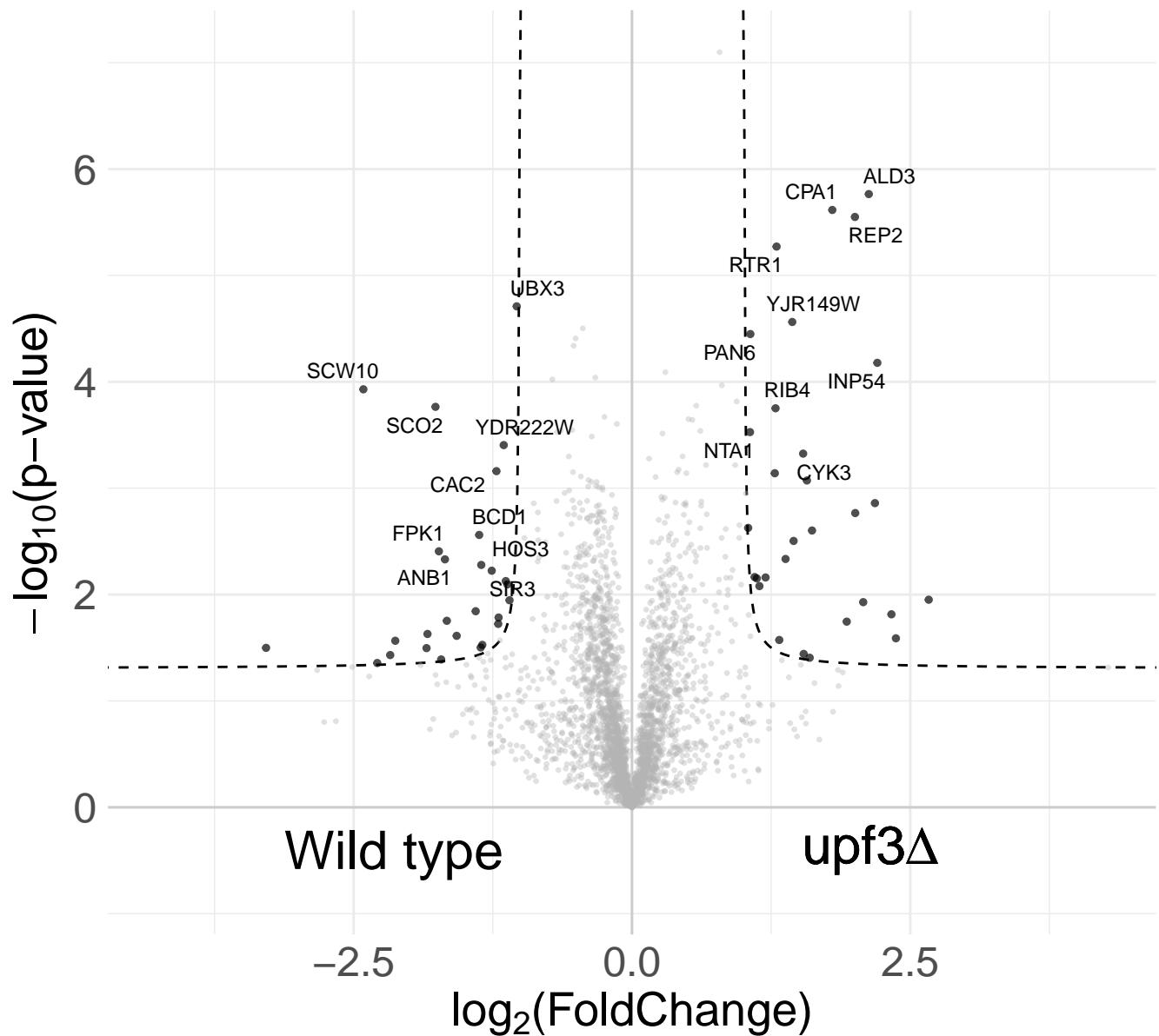
condition

- YKAFO
- YKAF0

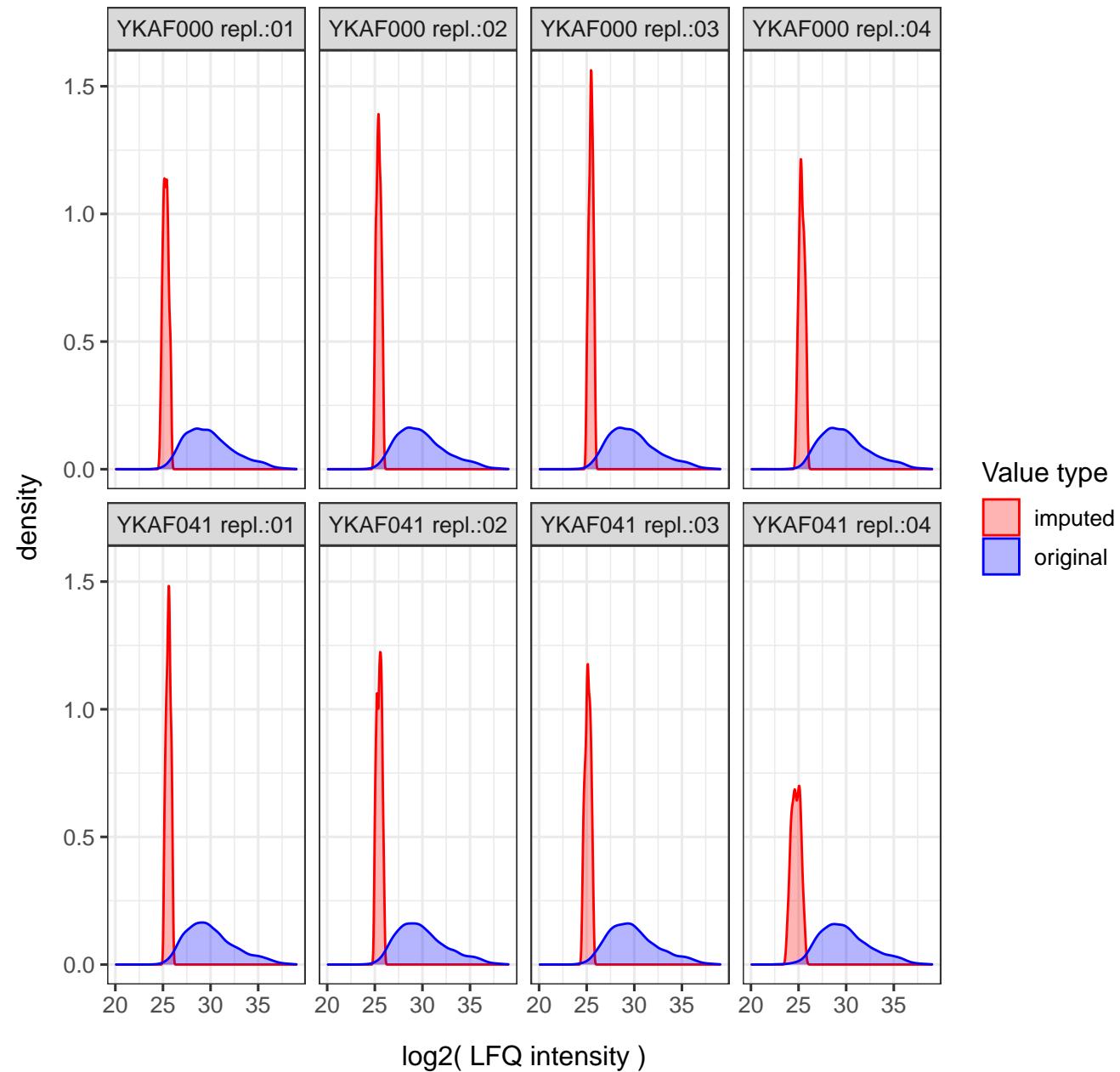
UPF3 KO experiment

Volcano plot of UPF3 KO against Wild type

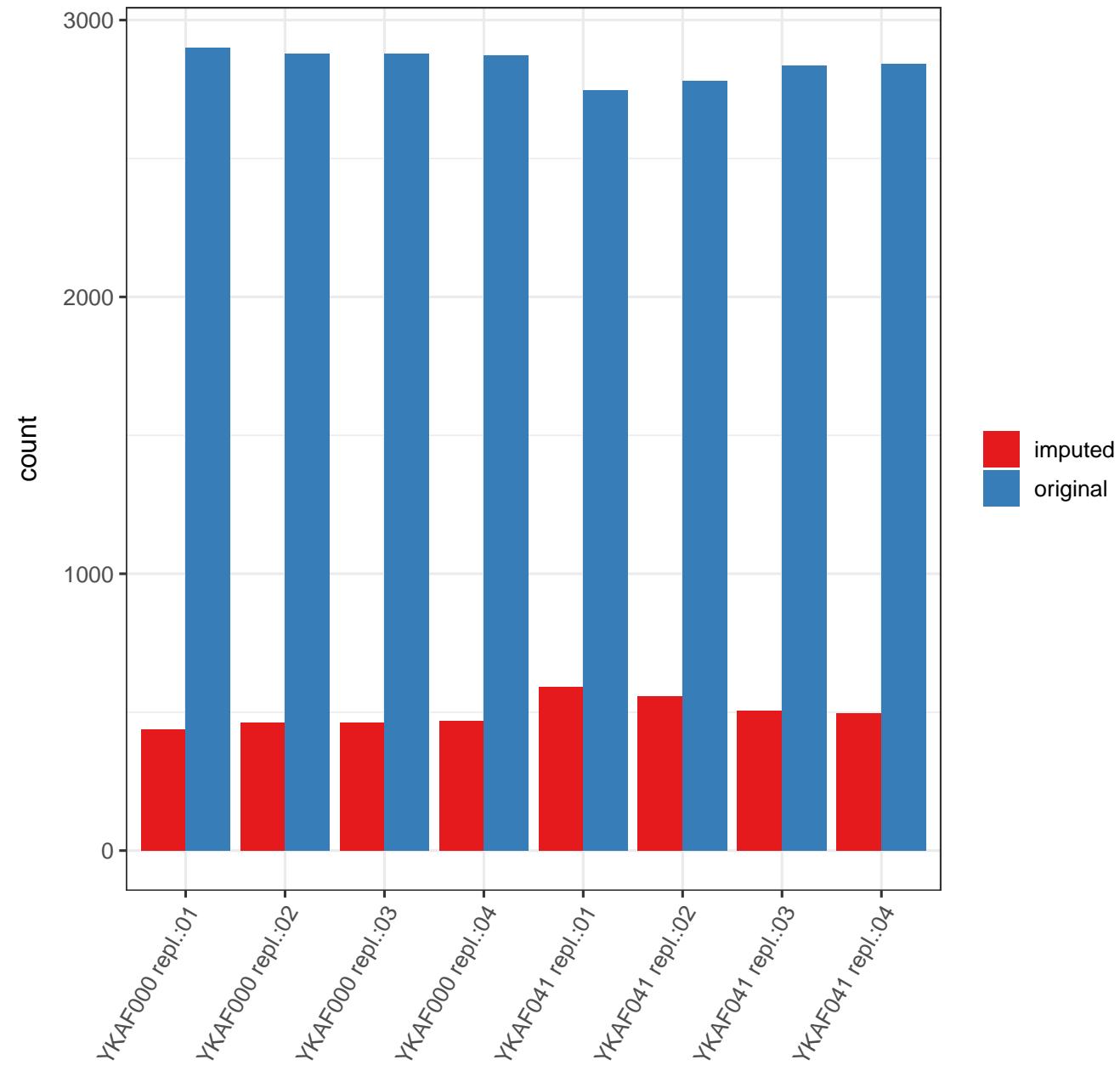
positive: 30; negative: 27; enriched: 57; background: 3020; total: 3077



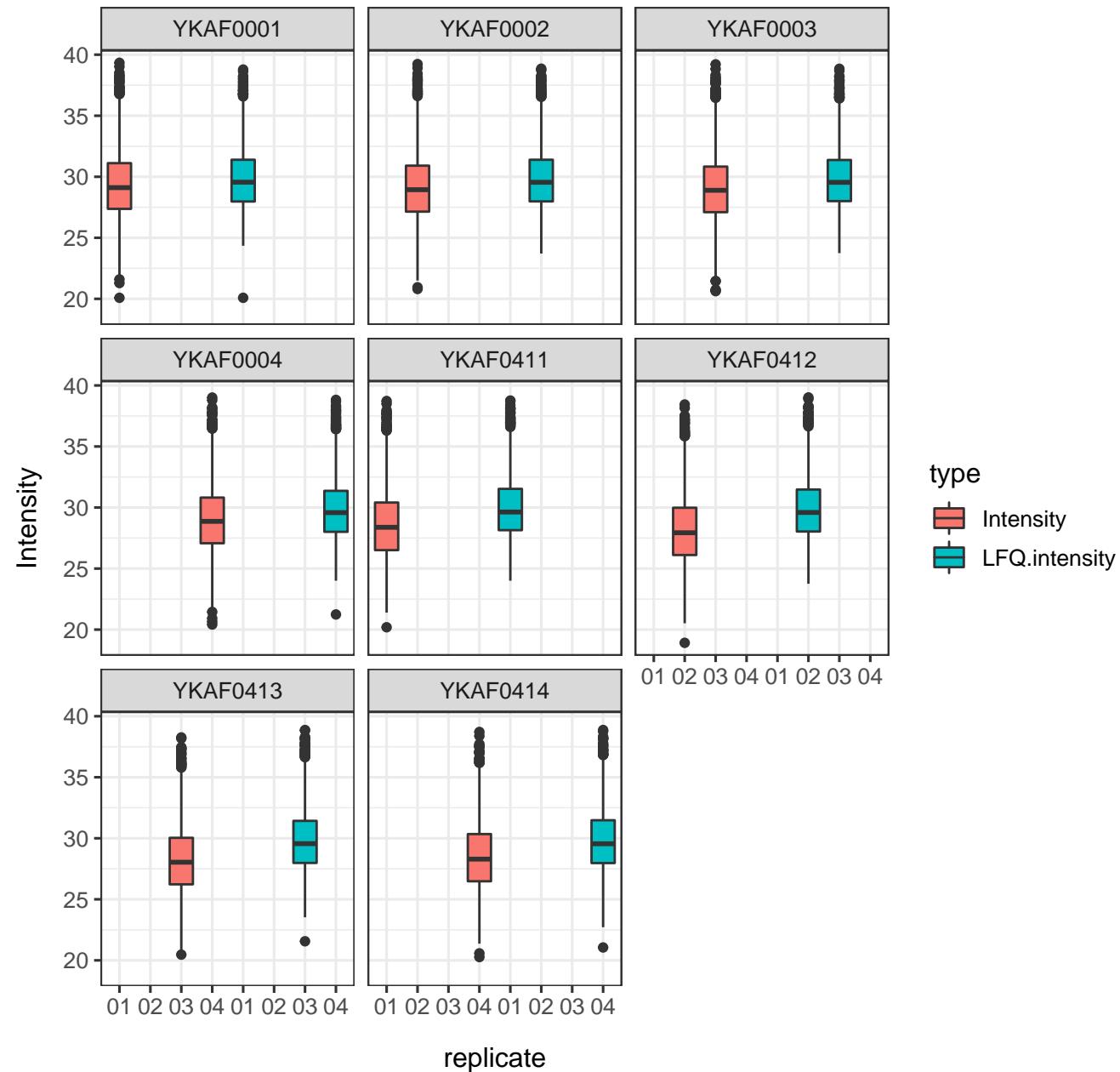
Comparison of imputed and measured values, grouped by replicate



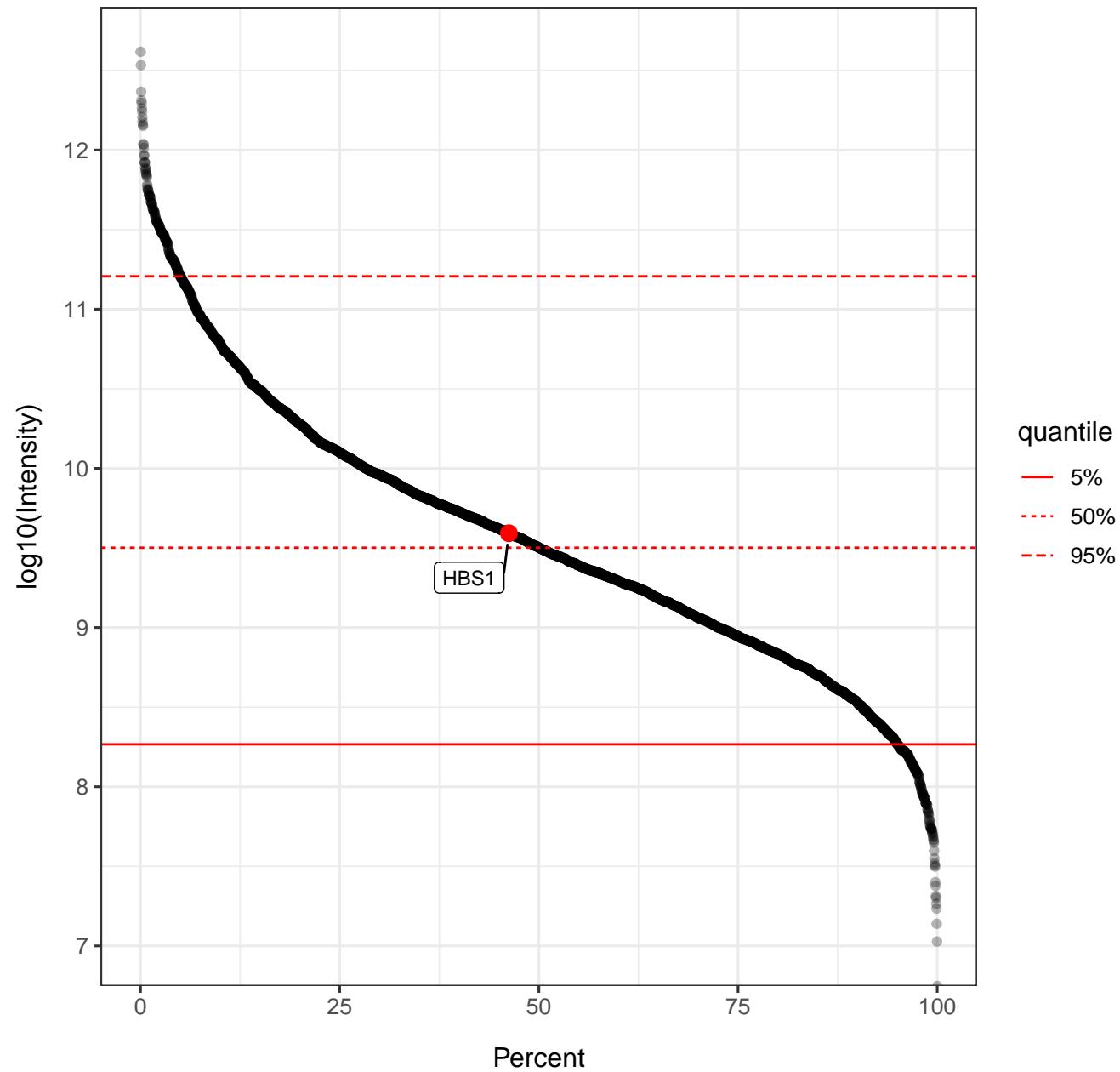
comparison imputed vs. measured



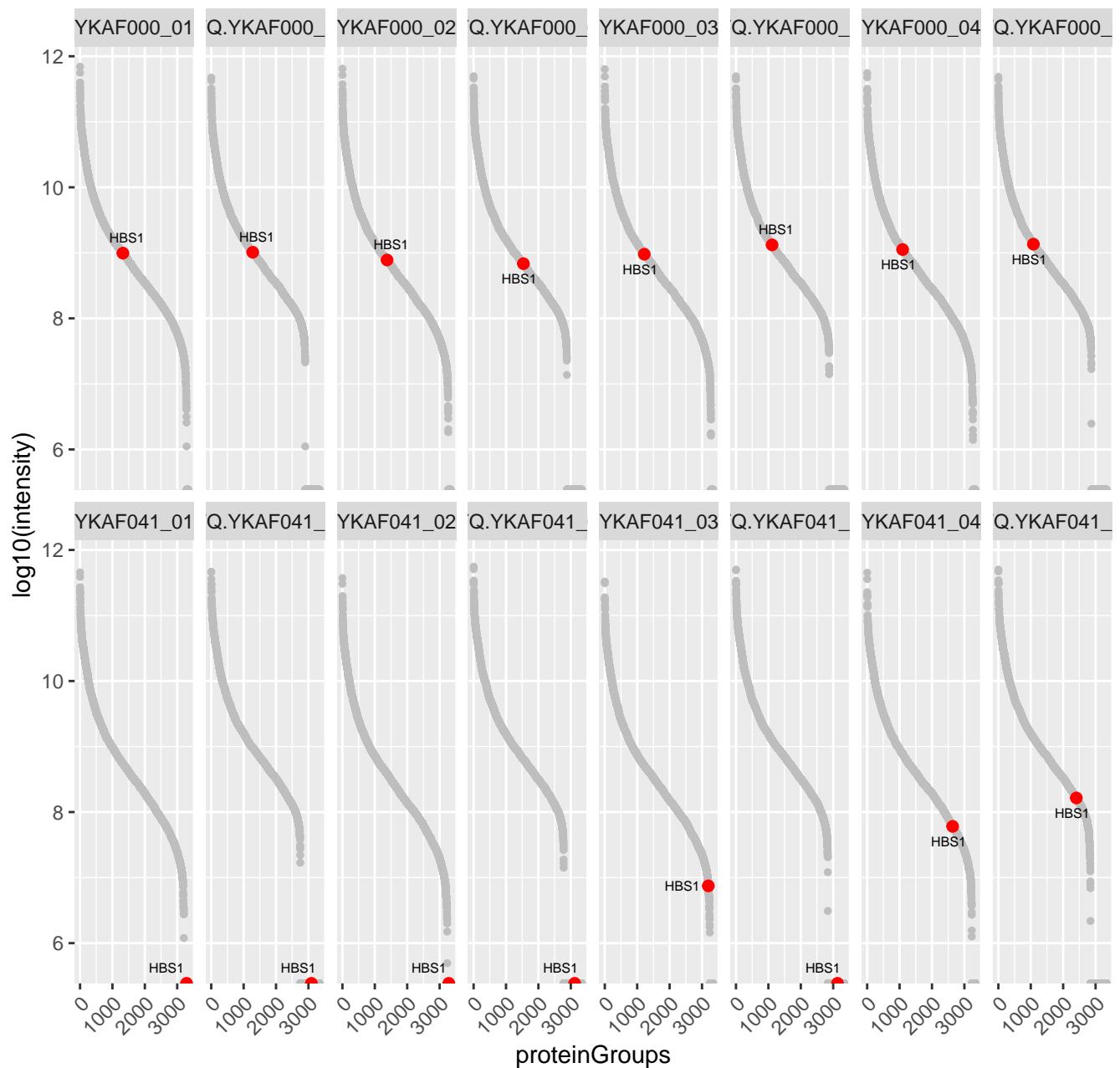
Intensity vs. LFQ Intensity w/o imputed



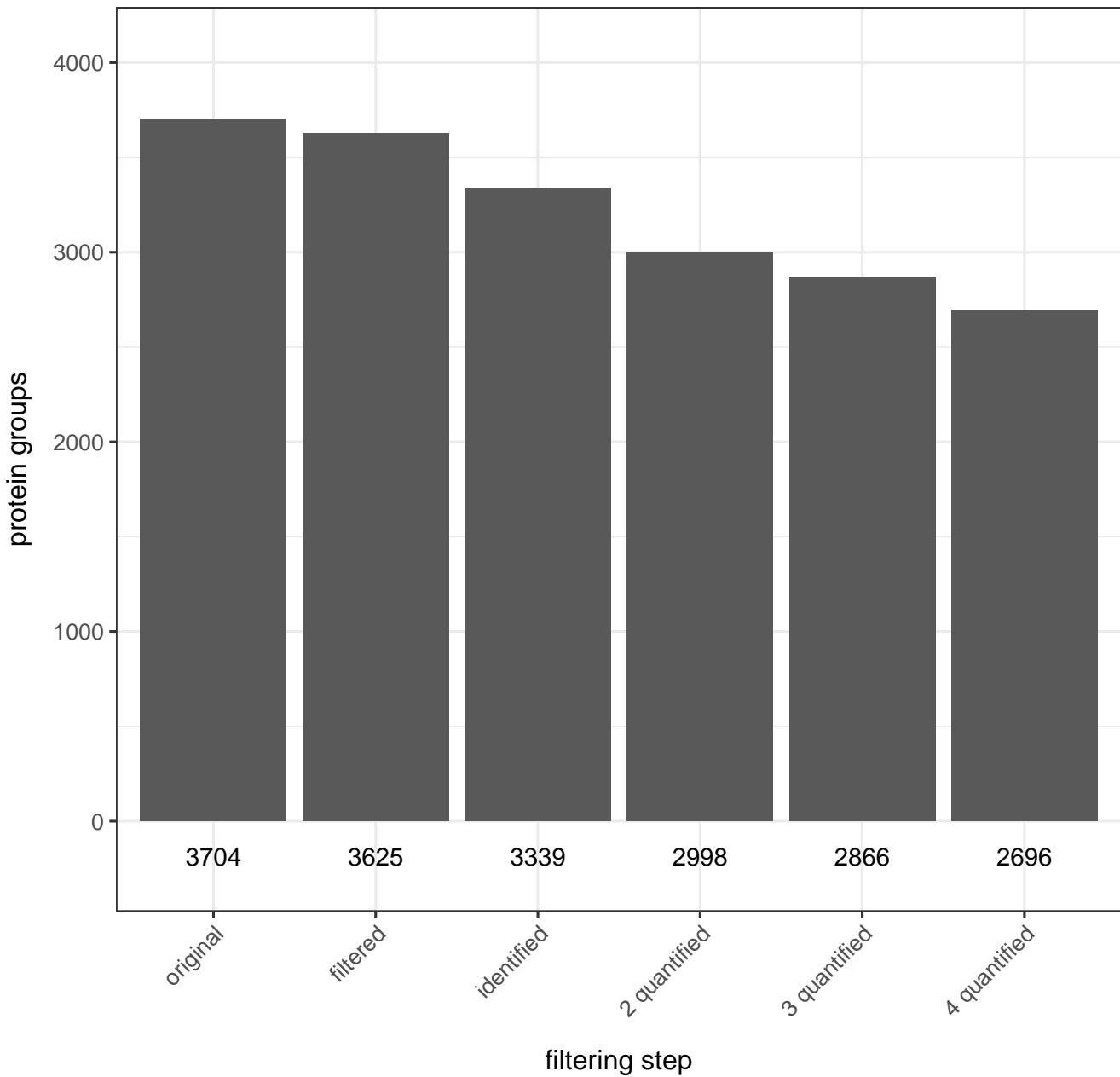
90% of the intensities change in 2.9 orders or magnitude



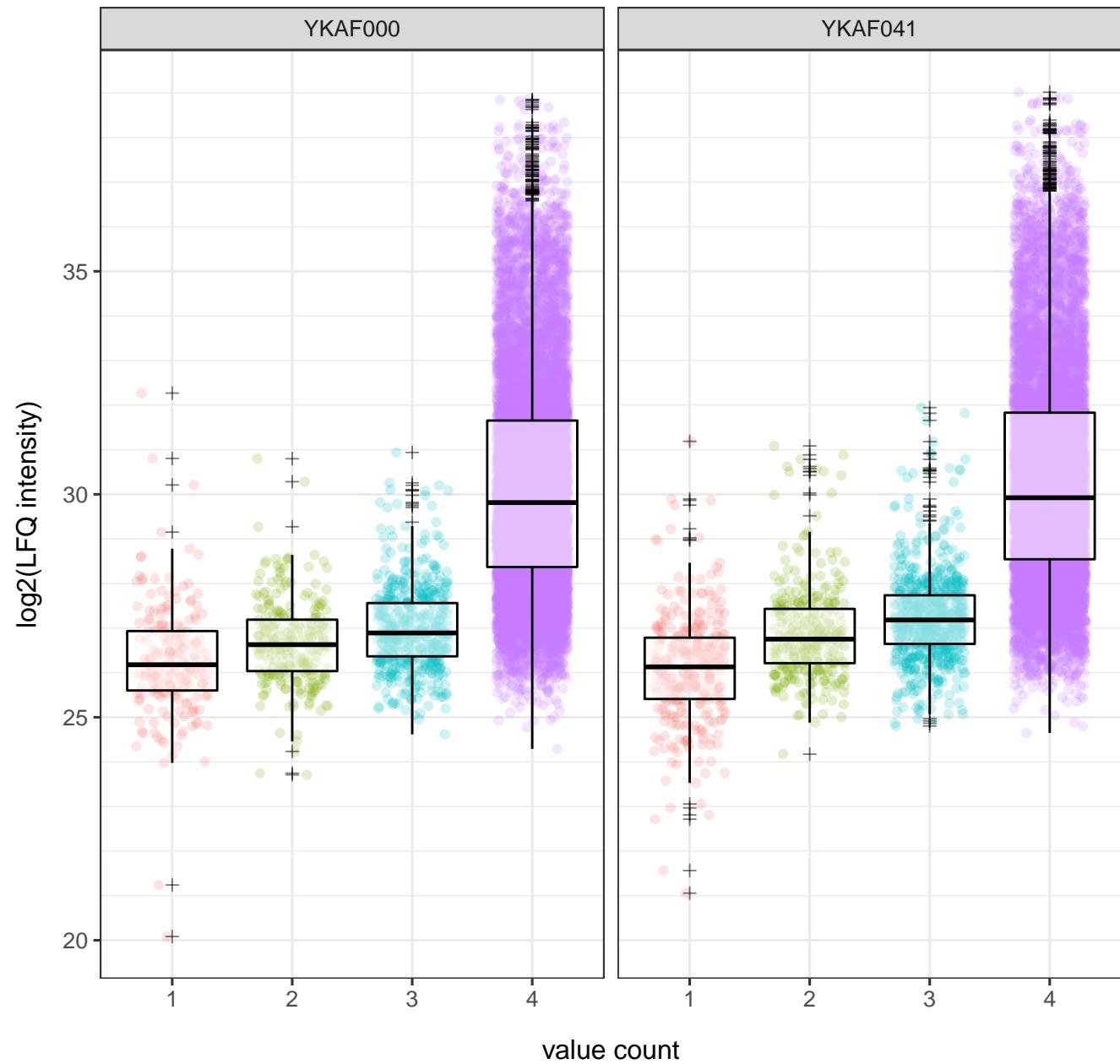
Protein abundance per replicate of LFQ values

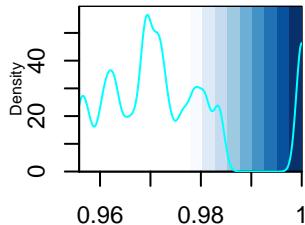


protein groups after each filtering step

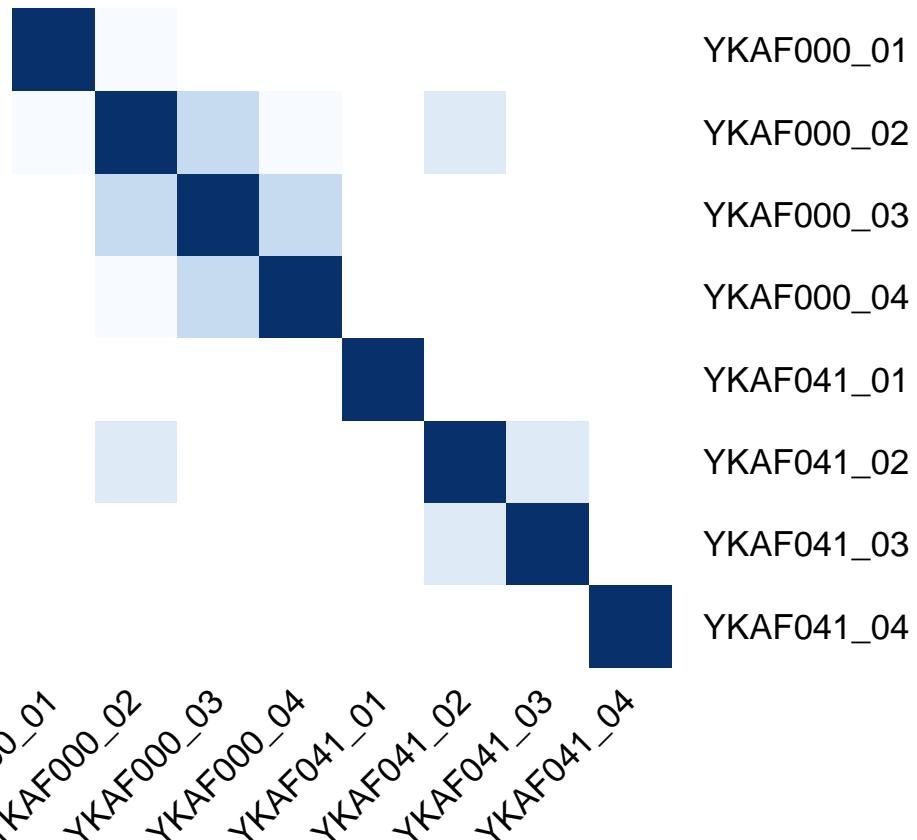


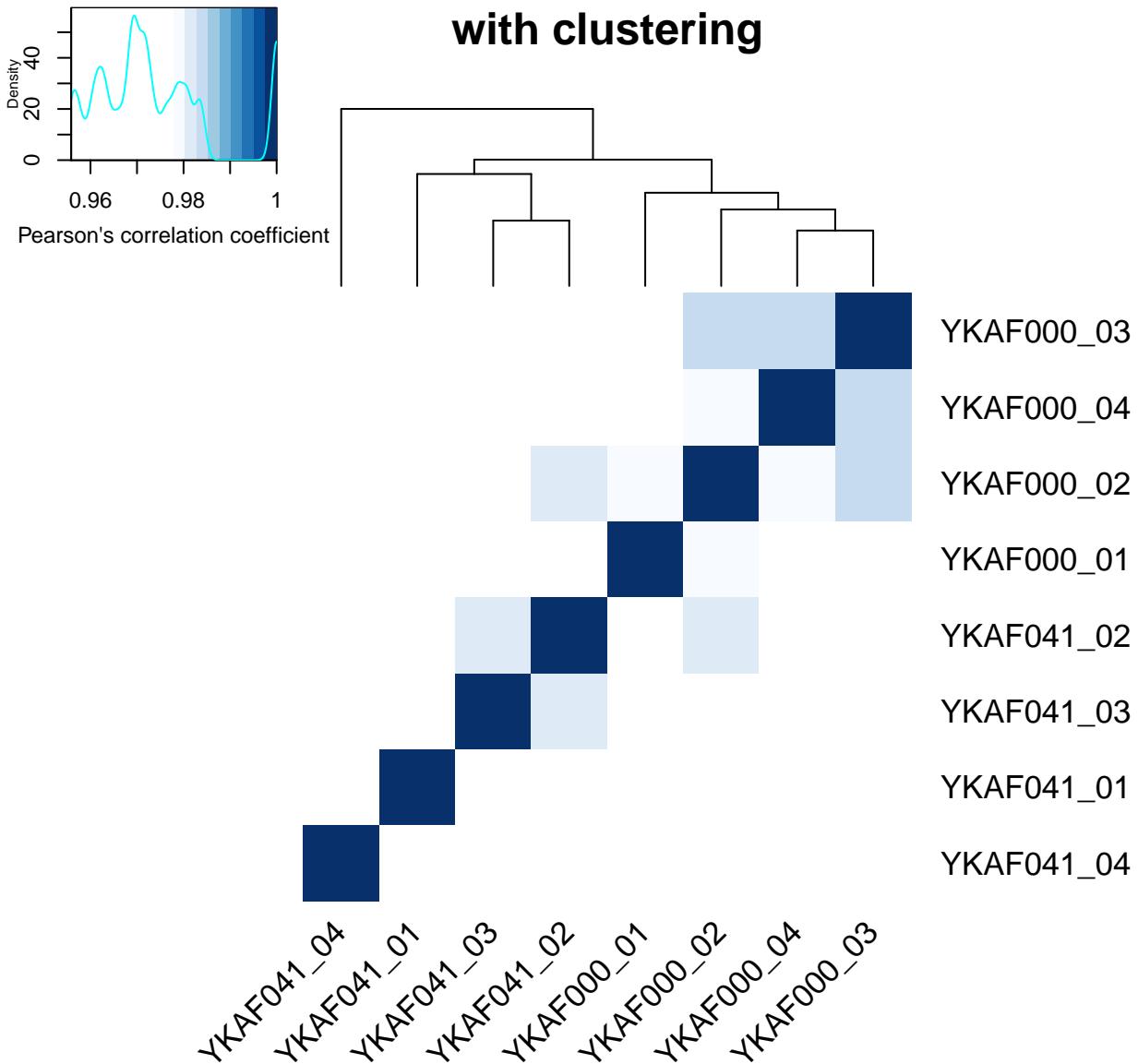
Measured intensity grouped by value counts



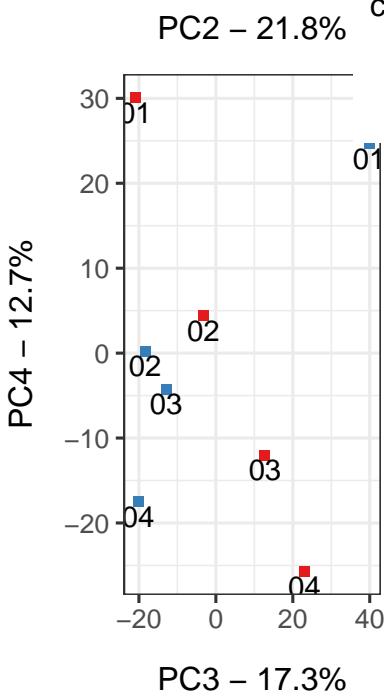
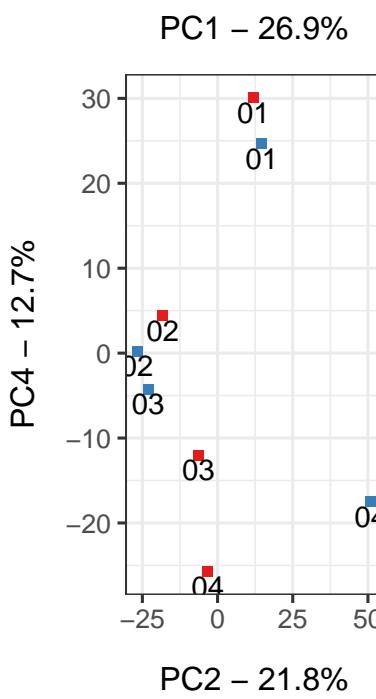
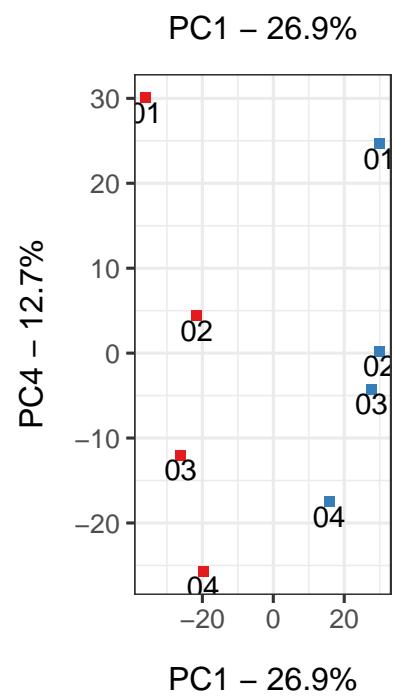
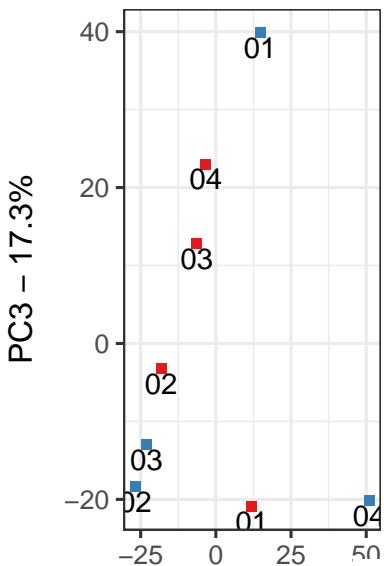
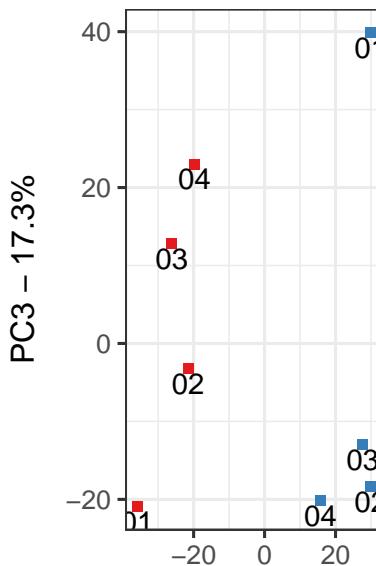
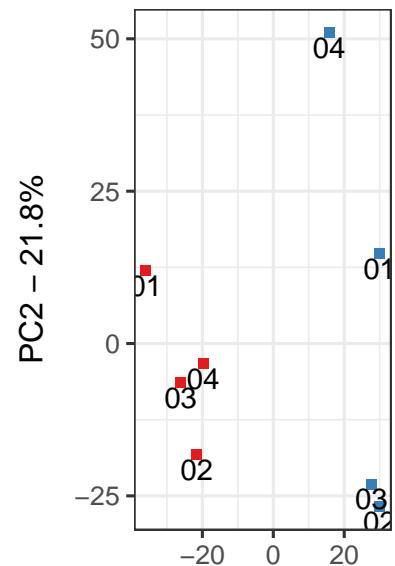


correlation between replicates





the principal component analysis



condition

- YKAF01
- YKAF02

HBS1 KO experiment

Volcano plot of HBS1 KO against Wild type

positive: 5; negative: 13; enriched: 18; background: 2980; total: 2998

