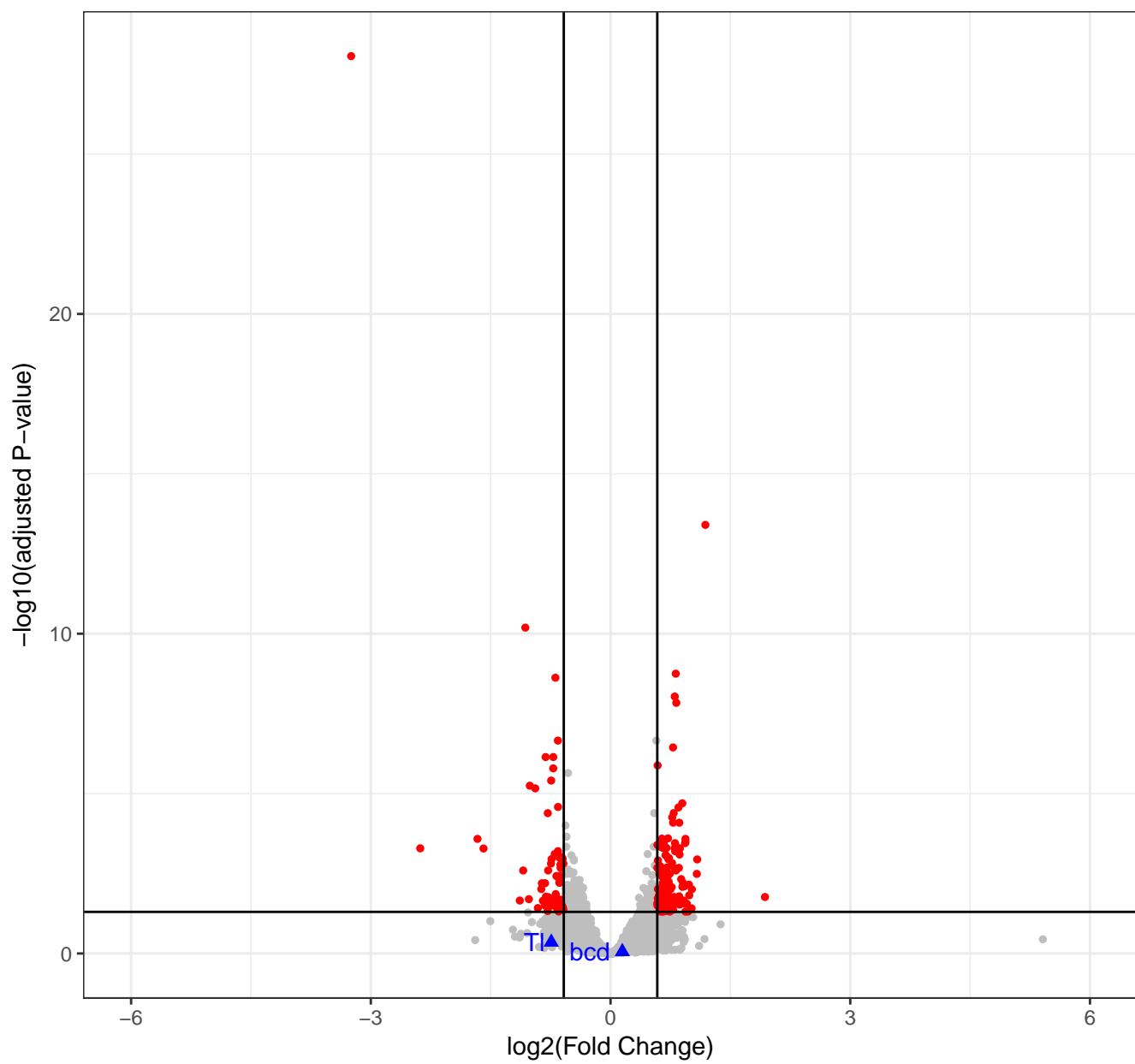


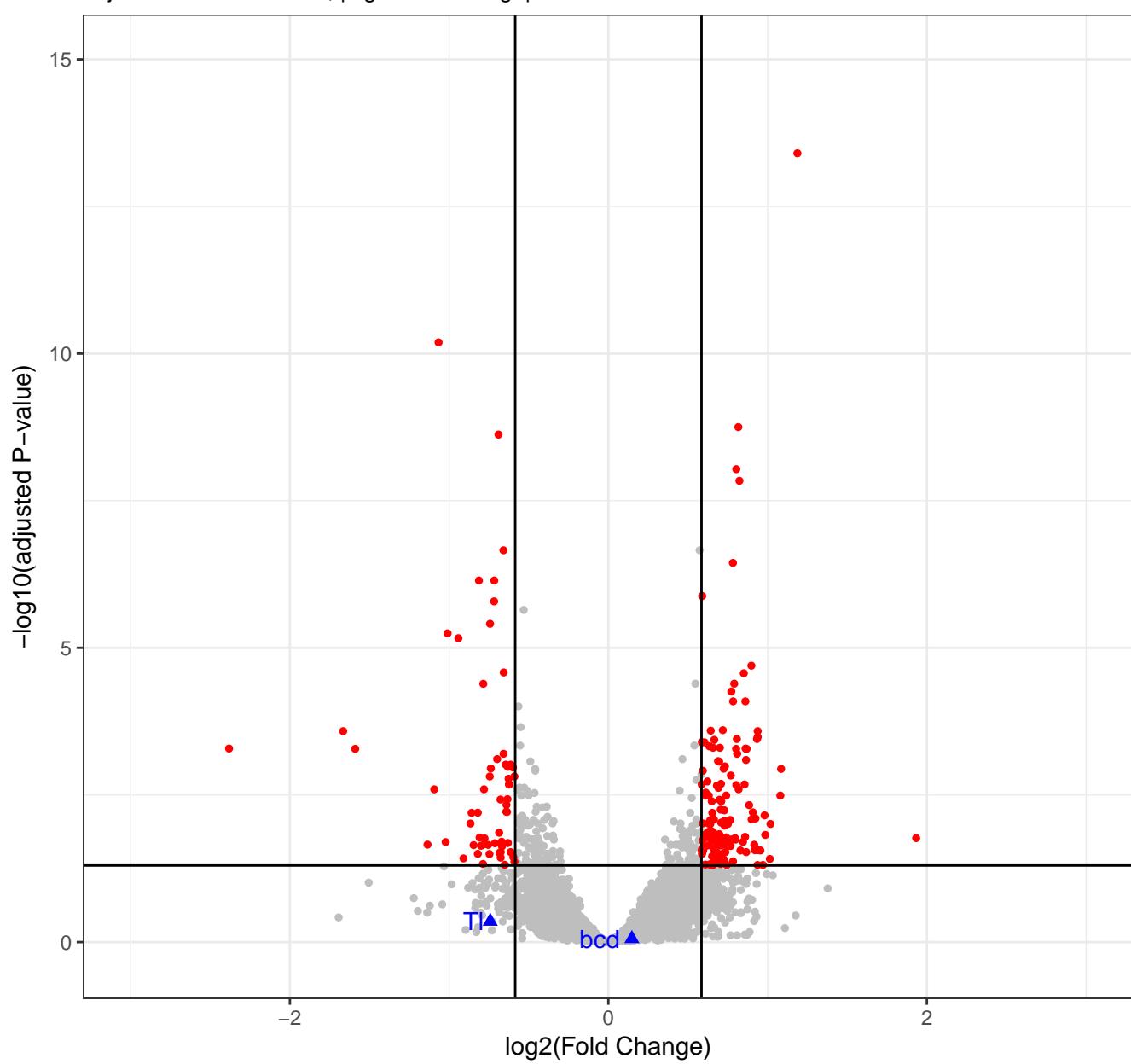
(wt\_ip–wt\_input) vs (mutant\_ip–mutant\_input)

adjusted P-value < 0.05,  $|\log_2 \text{Fold Change}| > 0.58$



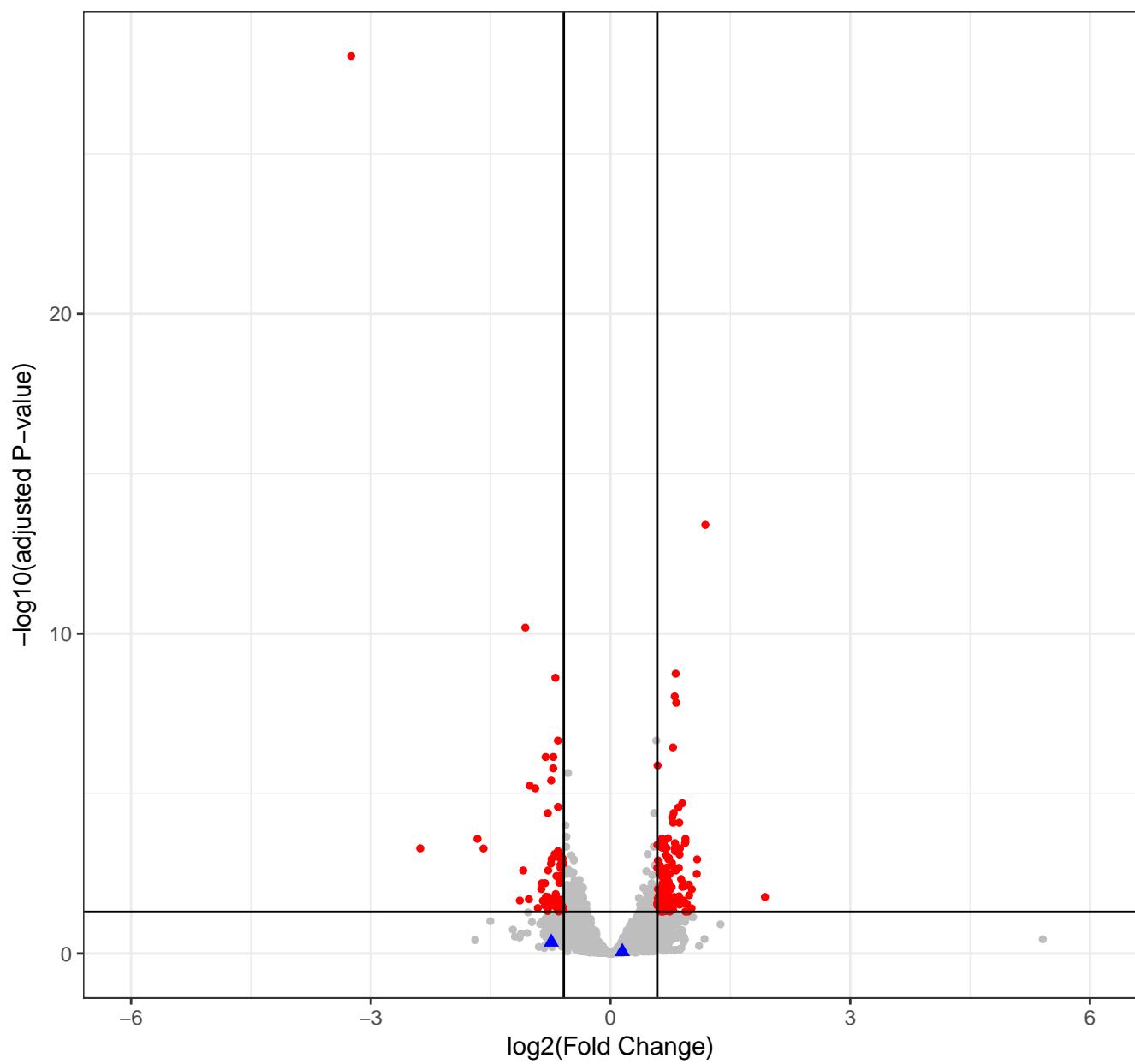
(wt\_ip-wt\_input) vs (mutant\_ip–mutant\_input)

adjusted P-value < 0.05,  $|\log_2 \text{Fold Change}| > 0.58$



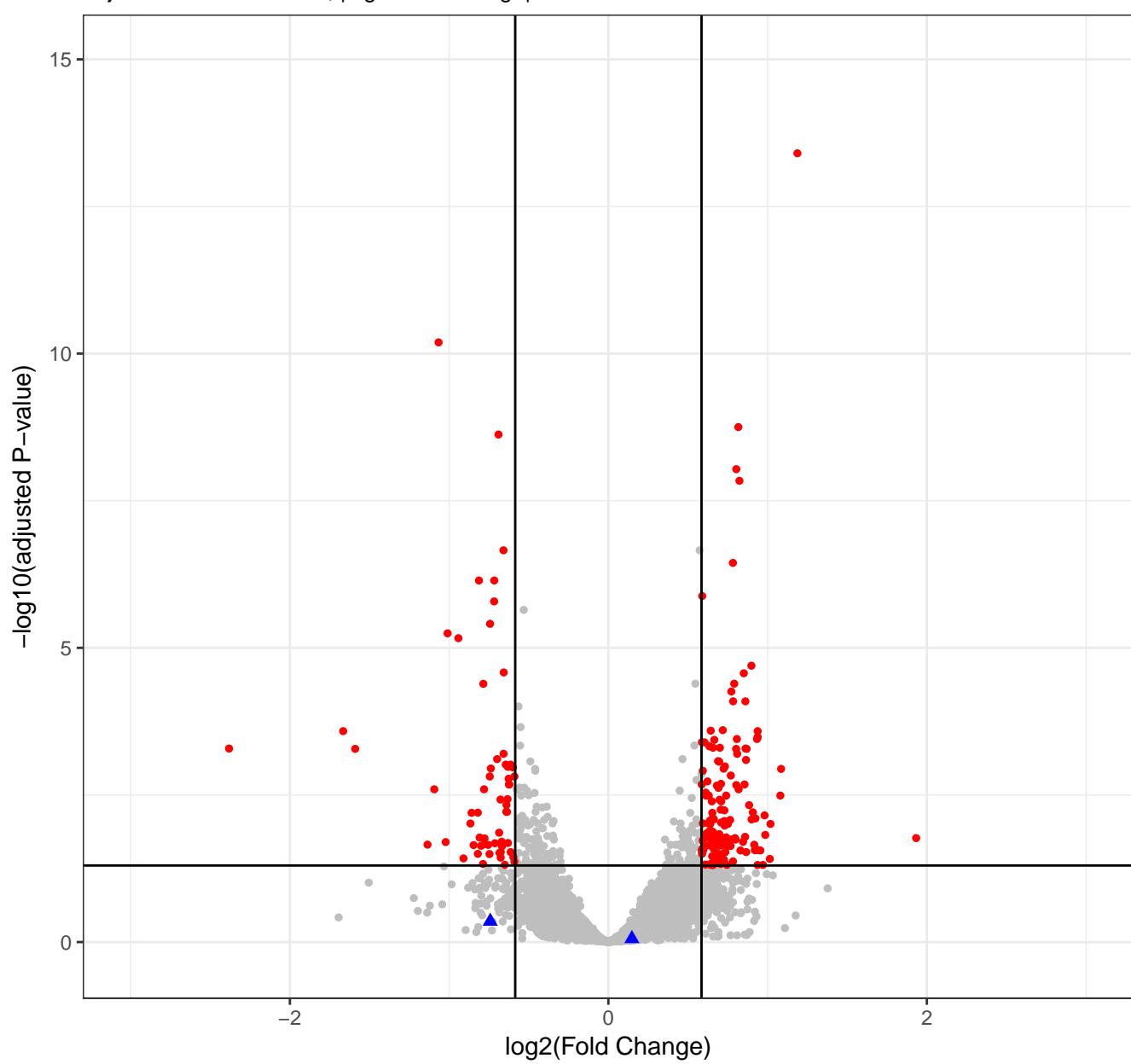
(wt\_ip–wt\_input) vs (mutant\_ip–mutant\_input)

adjusted P-value < 0.05,  $|\log_2 \text{Fold Change}| > 0.58$



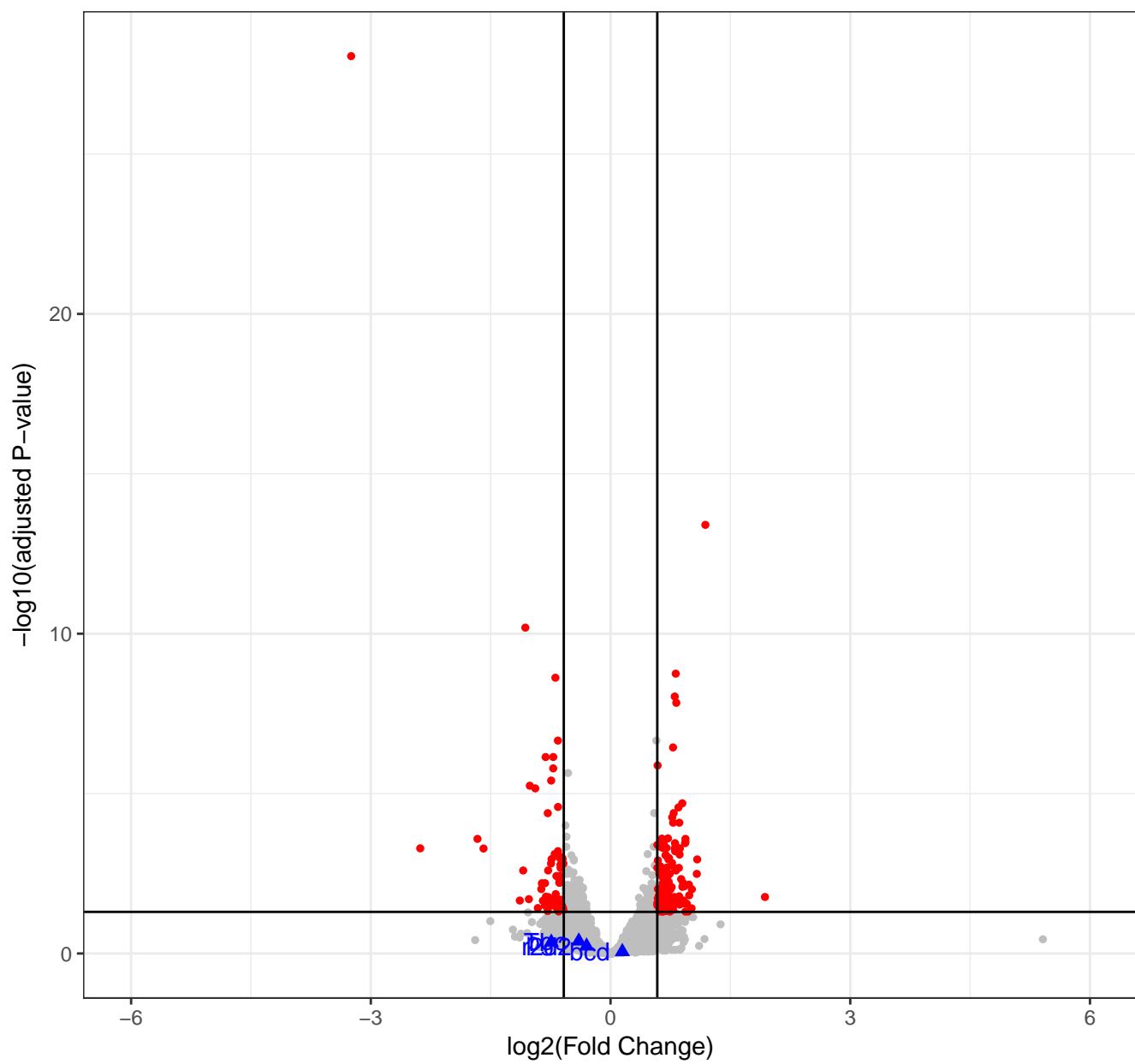
(wt\_ip–wt\_input) vs (mutant\_ip–mutant\_input)

adjusted P-value < 0.05,  $|\log_2 \text{Fold Change}| > 0.58$



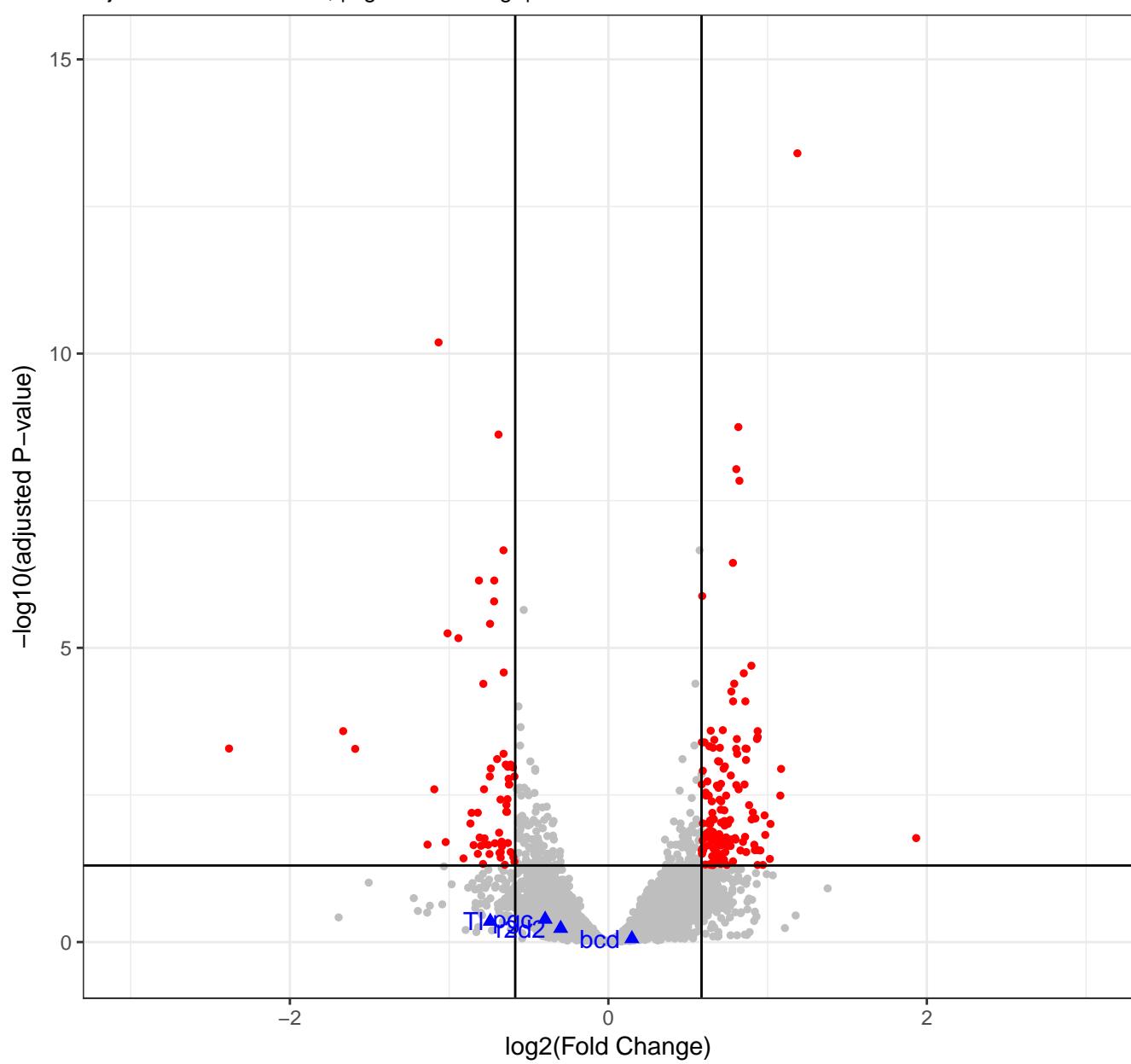
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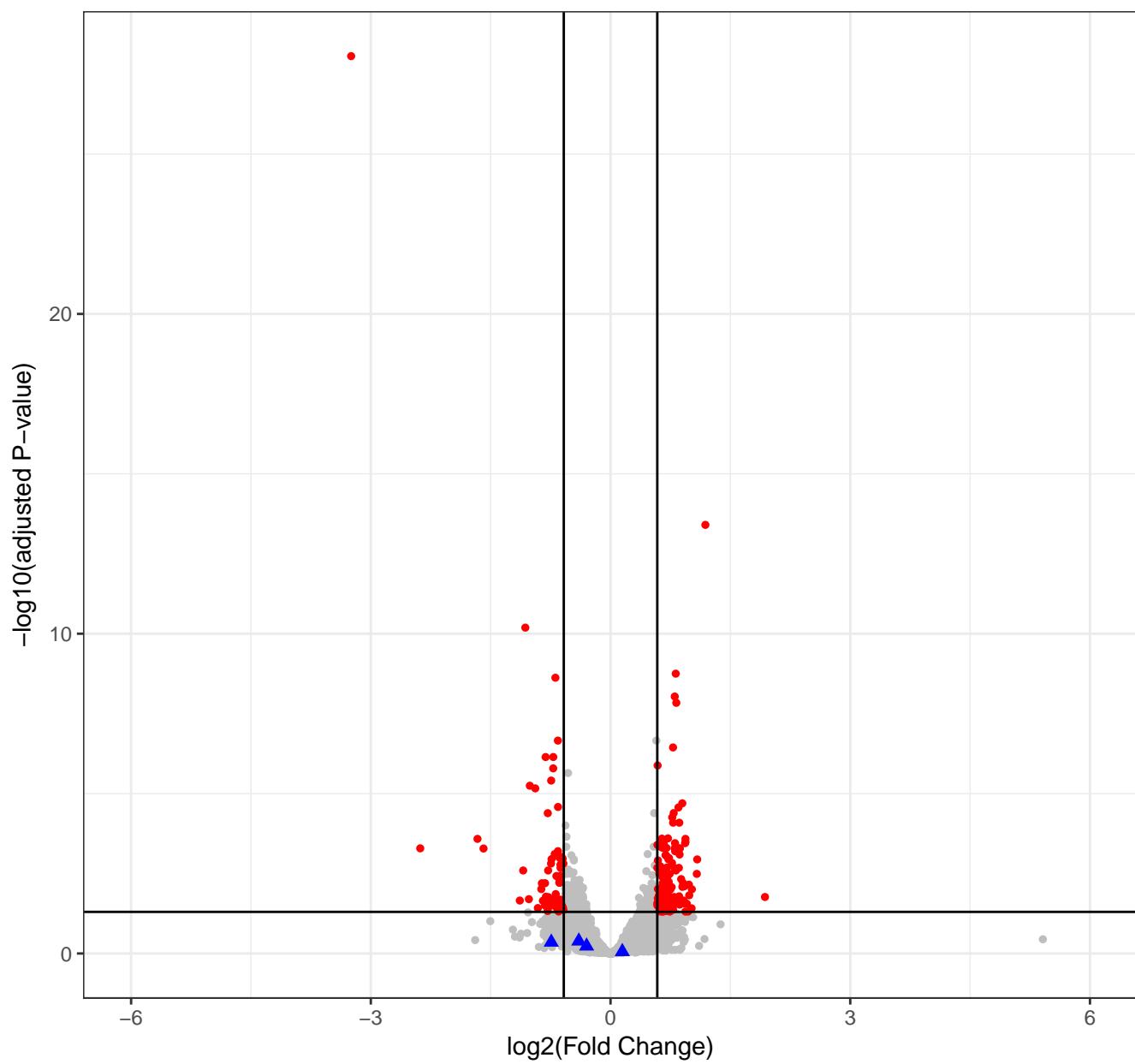
(wt\_ip-wt\_input) vs (mutant\_ip–mutant\_input)

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