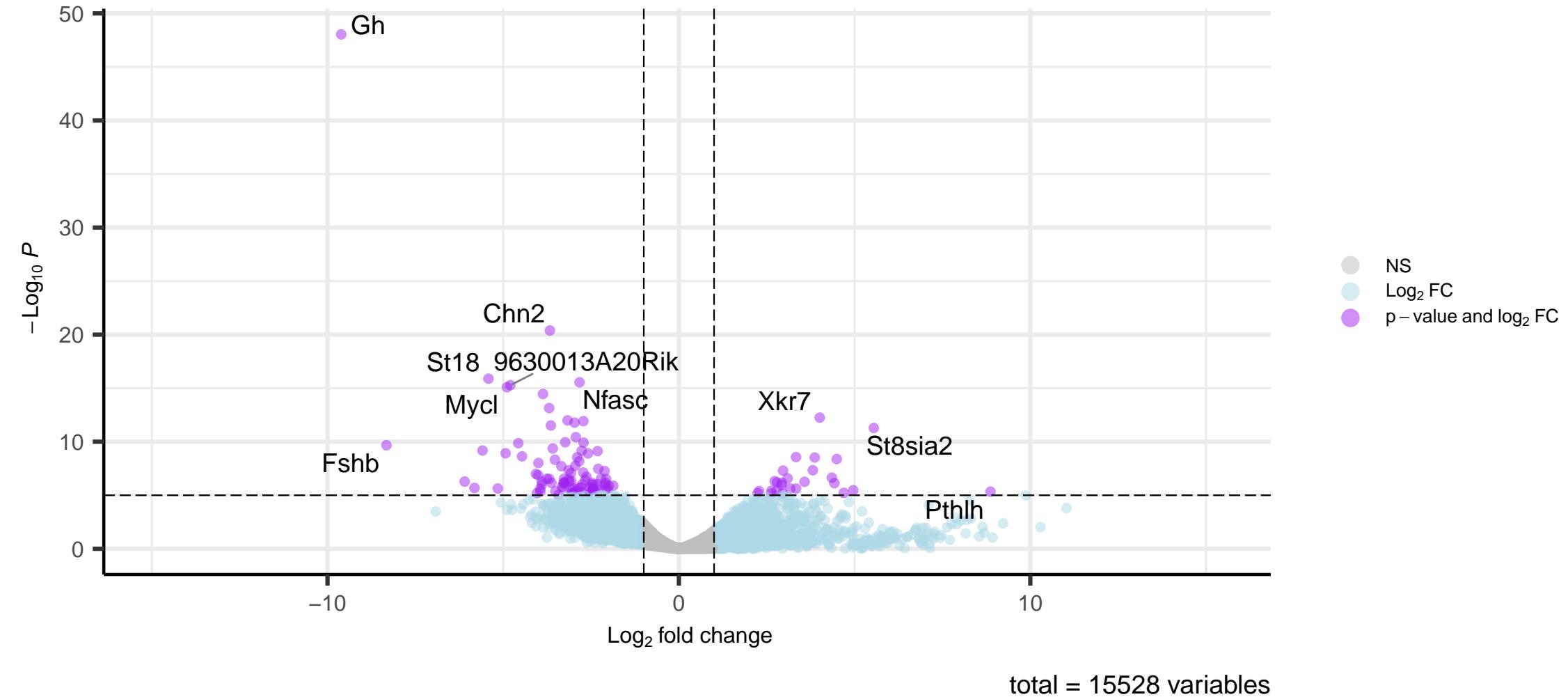
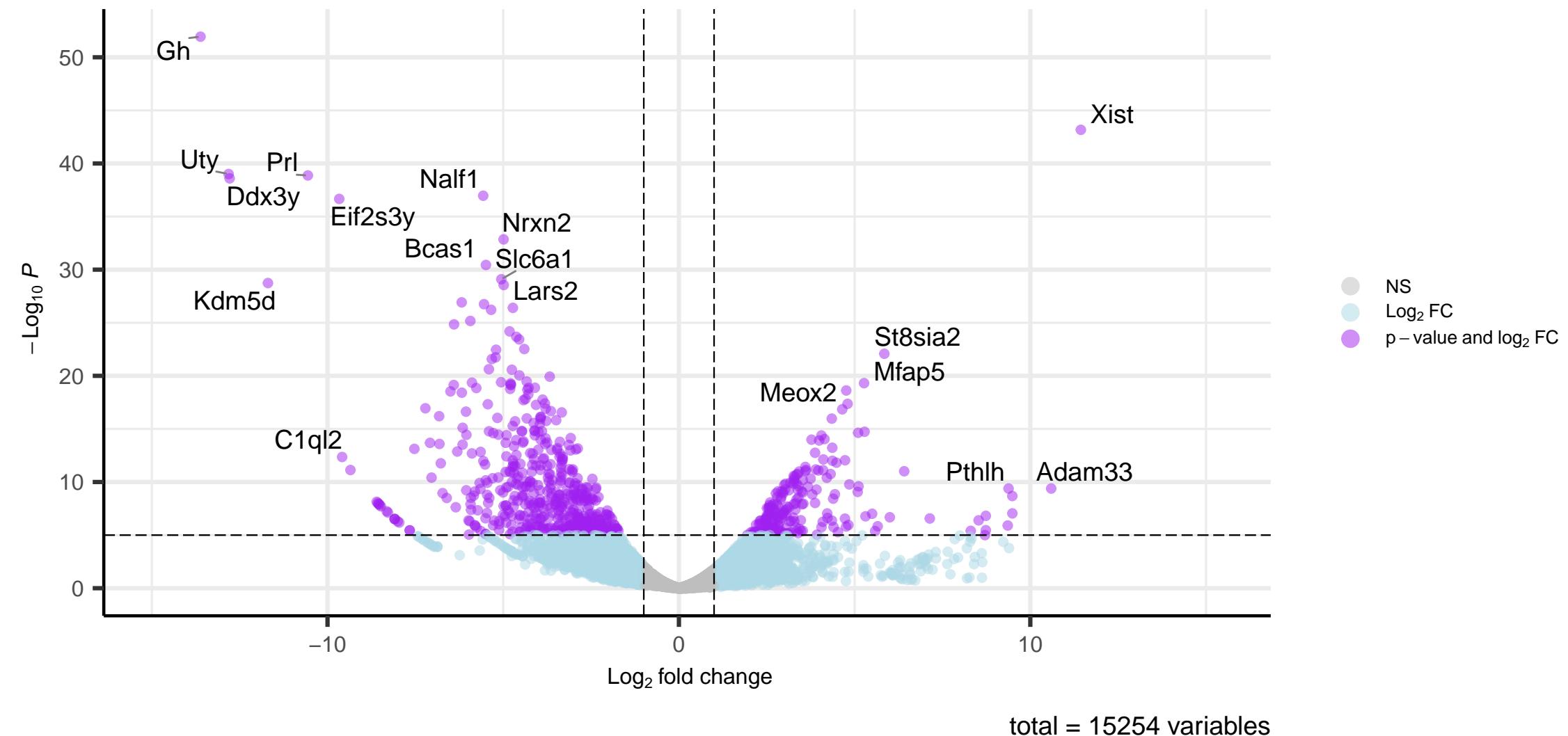


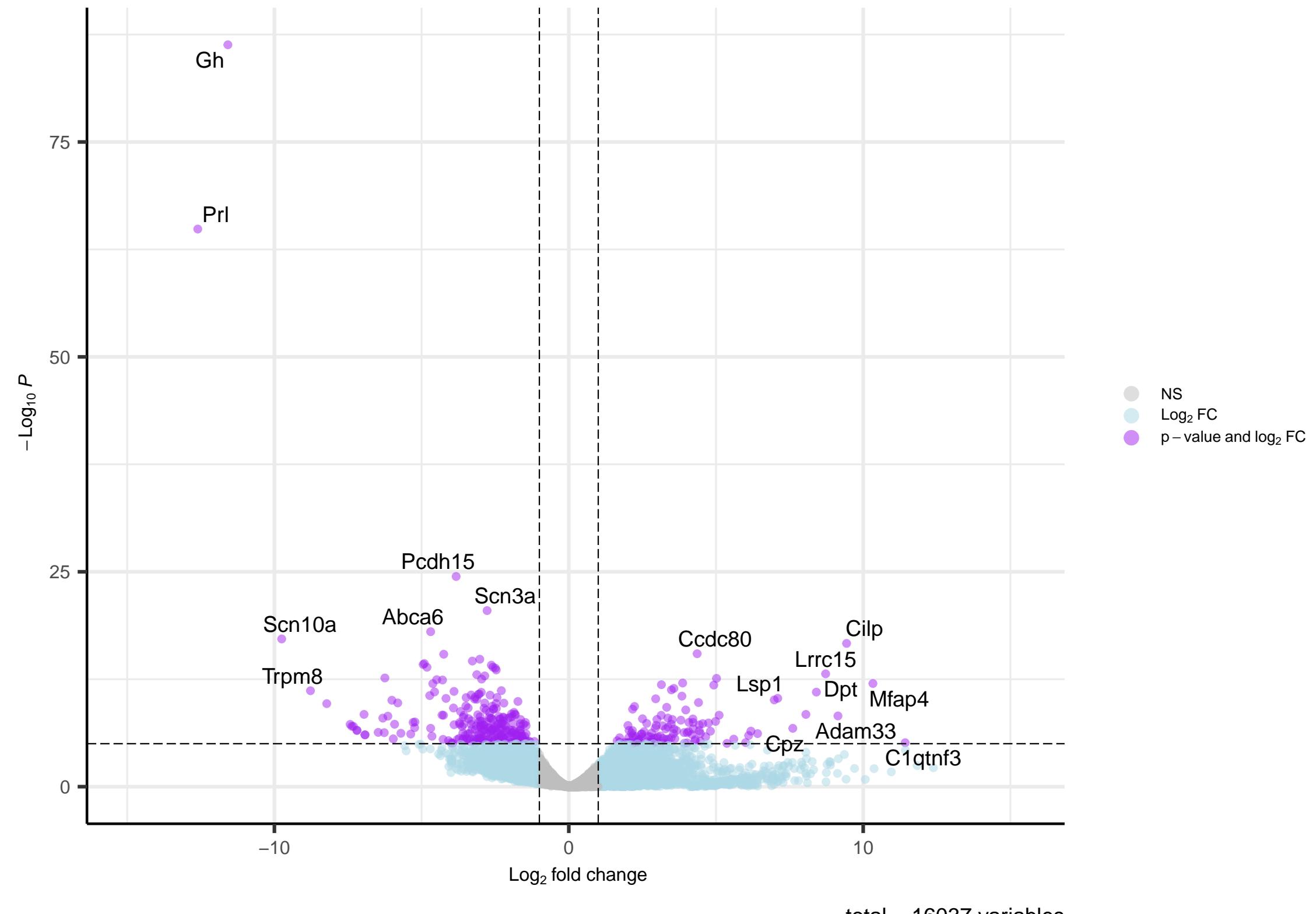
patho_cat_det: 1.2.AF vs. 1.2.NOS



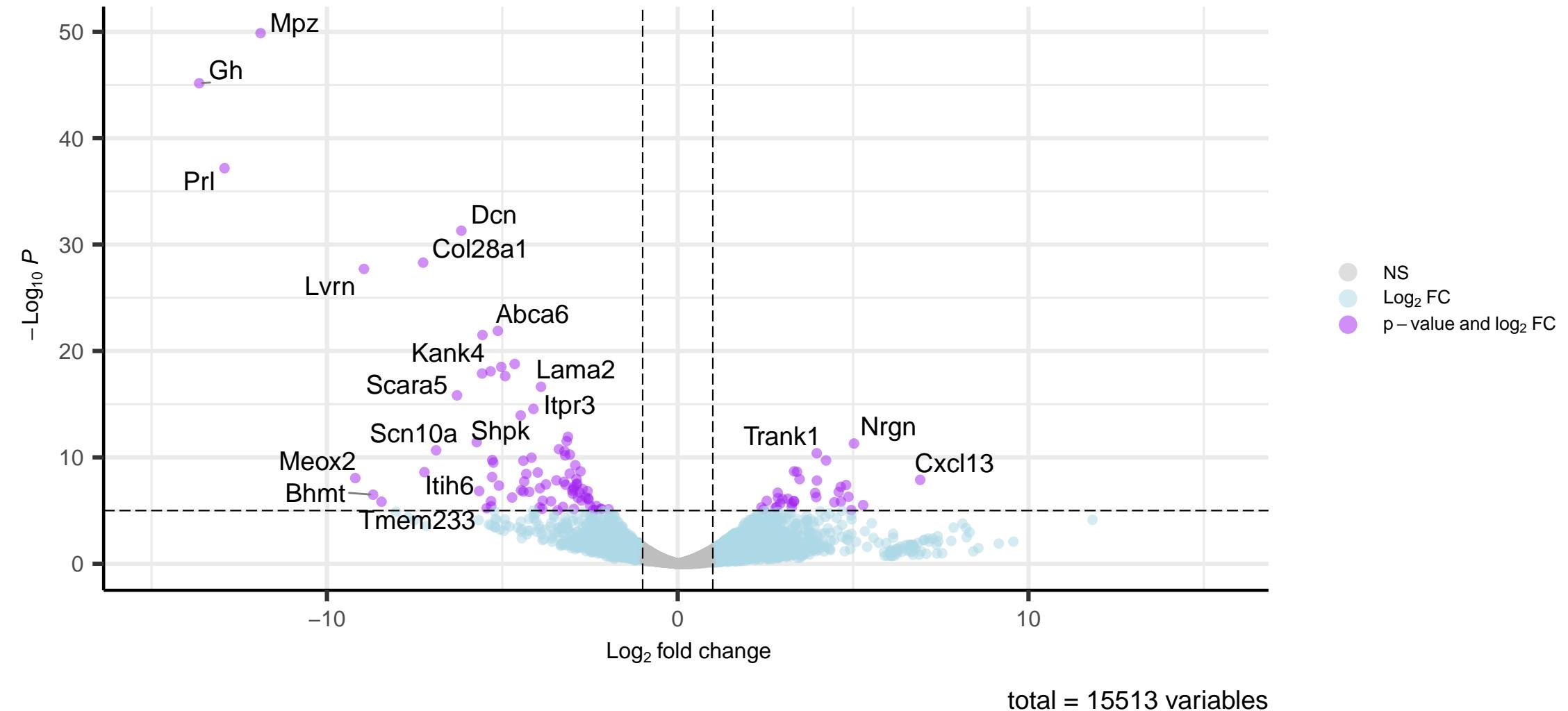
patho_cat_det: 1.2.AF vs. 1.4.NOS



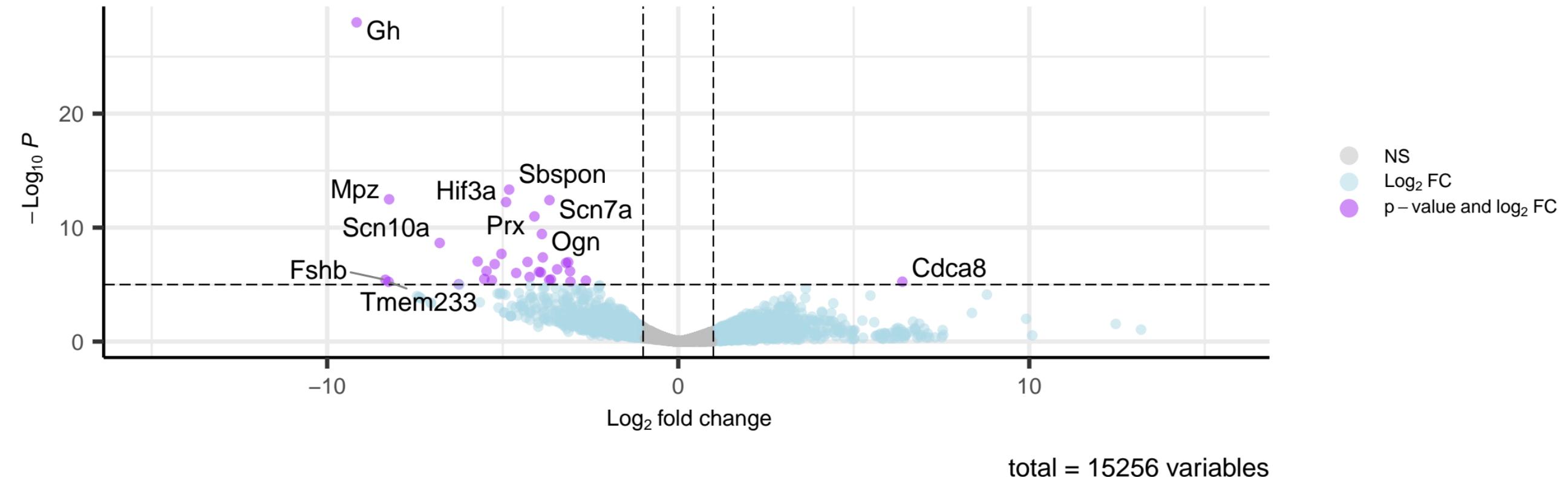
patho_cat_det: 1.2.AF vs. 2.4.NOS



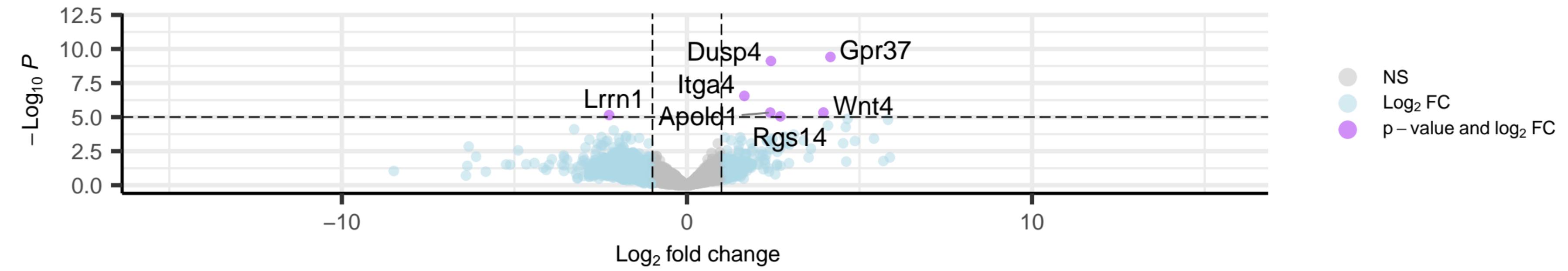
patho_cat_det: 1.2.AF vs. 3.3



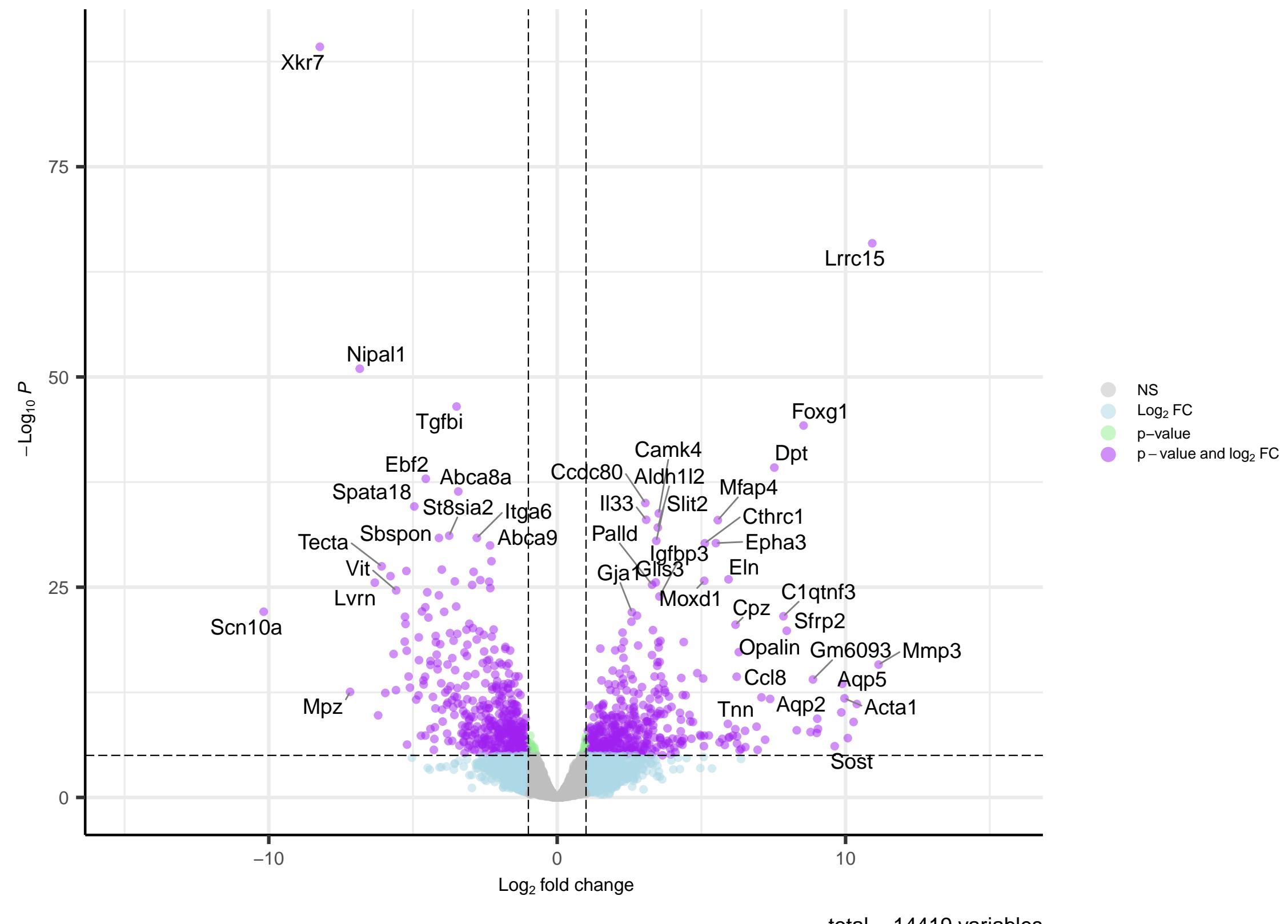
patho_cat_det: 1.2.AF vs. 3.4.G



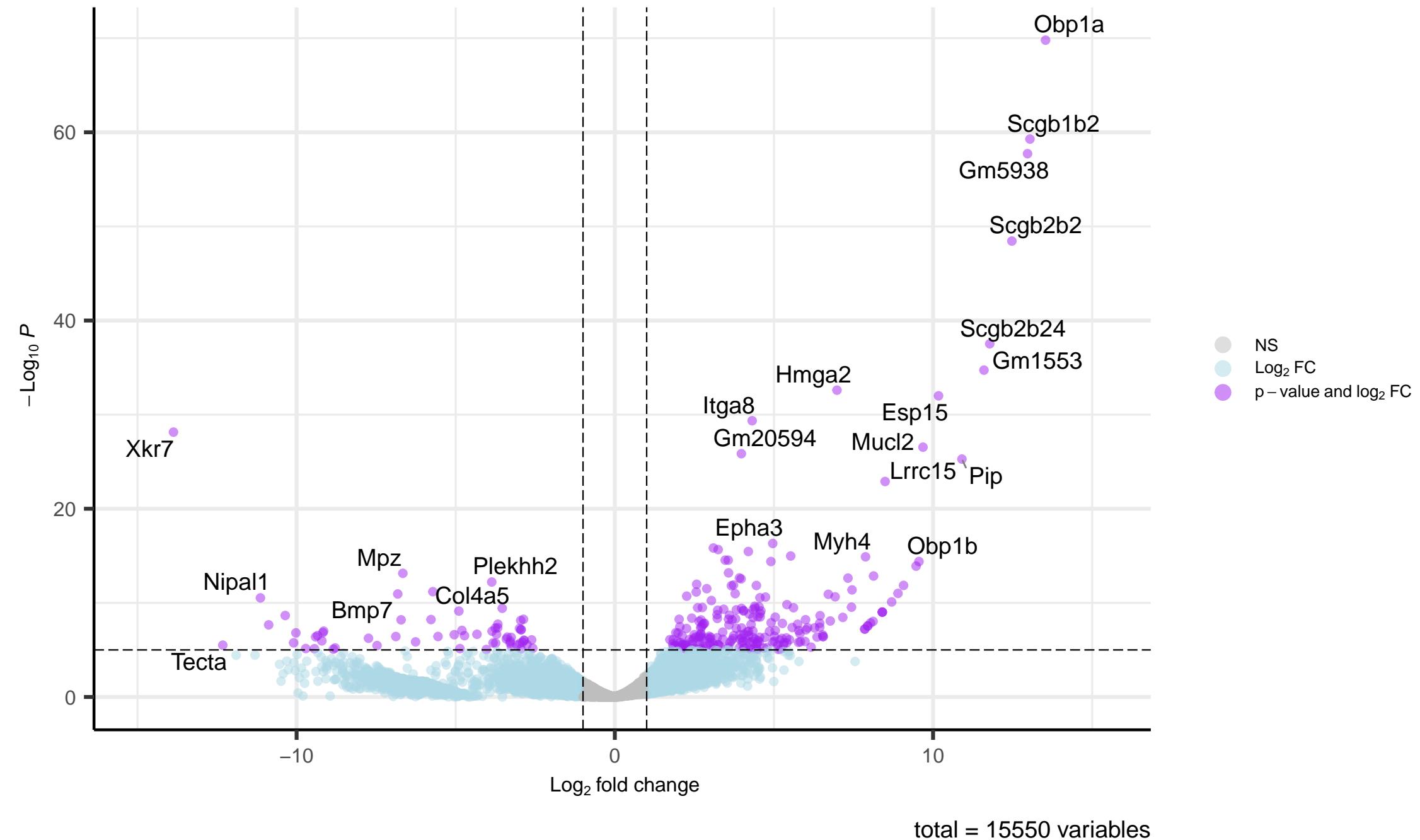
patho_cat_det: 1.2.NOS vs. 1.4.NOS



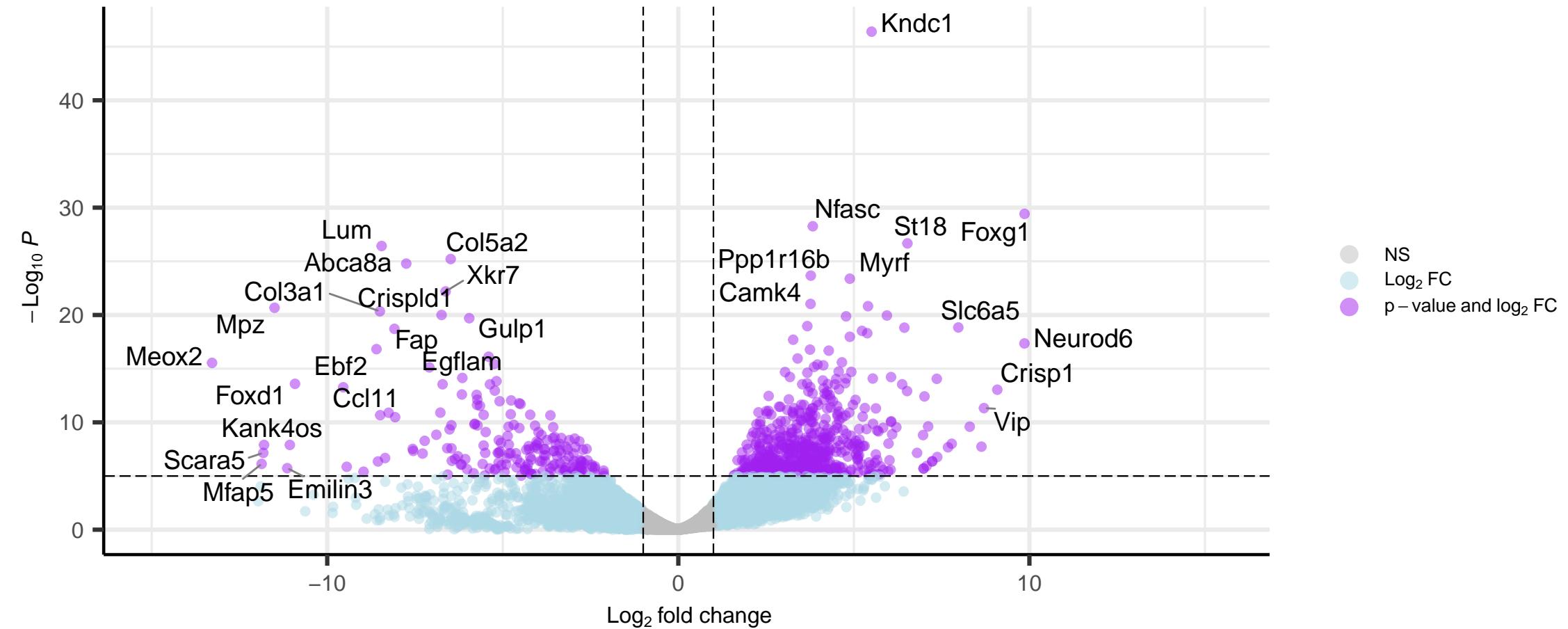
patho_cat_det: 1.2.NOS vs. 2.4.NOS



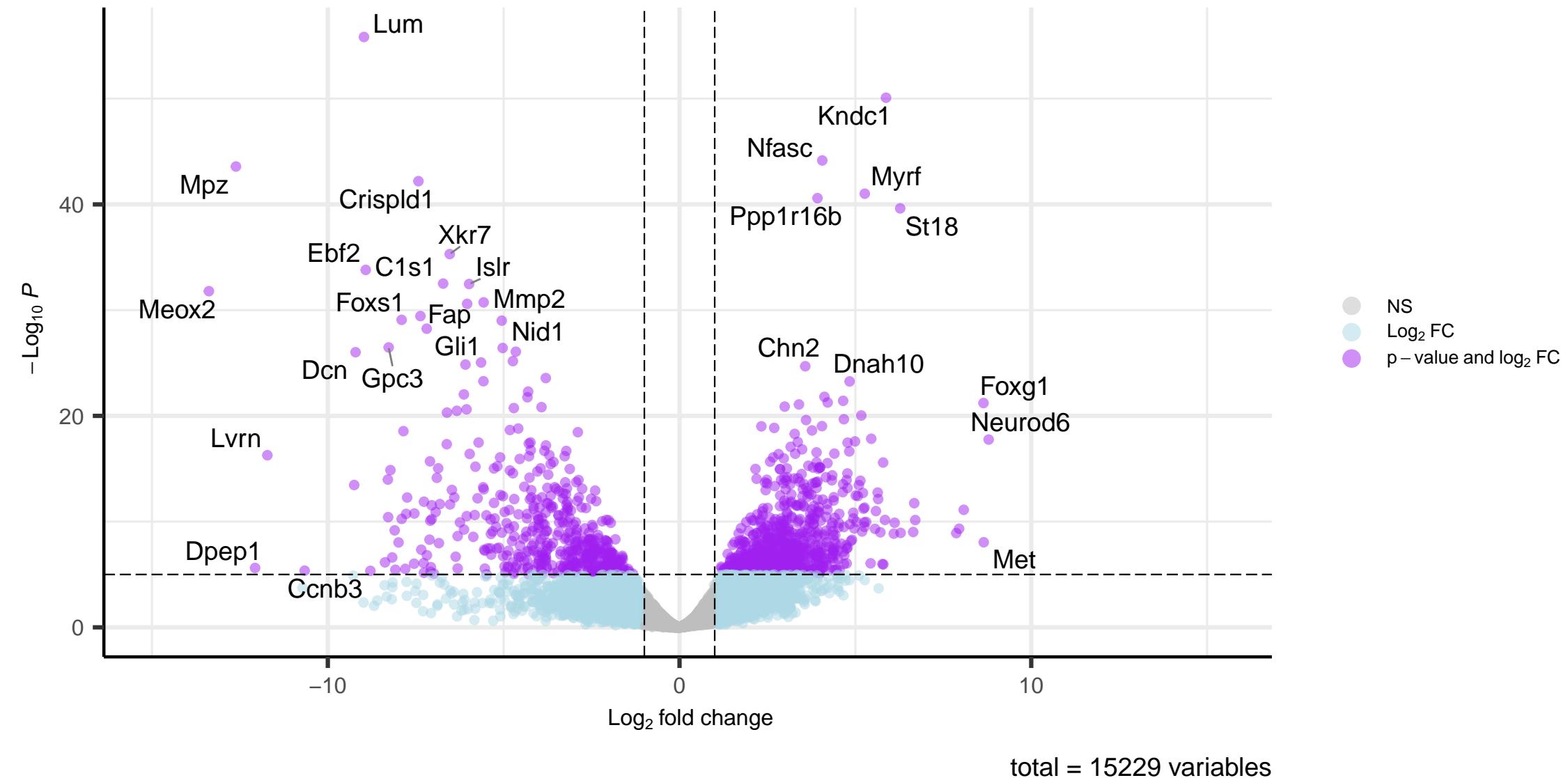
patho_cat_det: 1.2.NOS vs. 2.4.OF



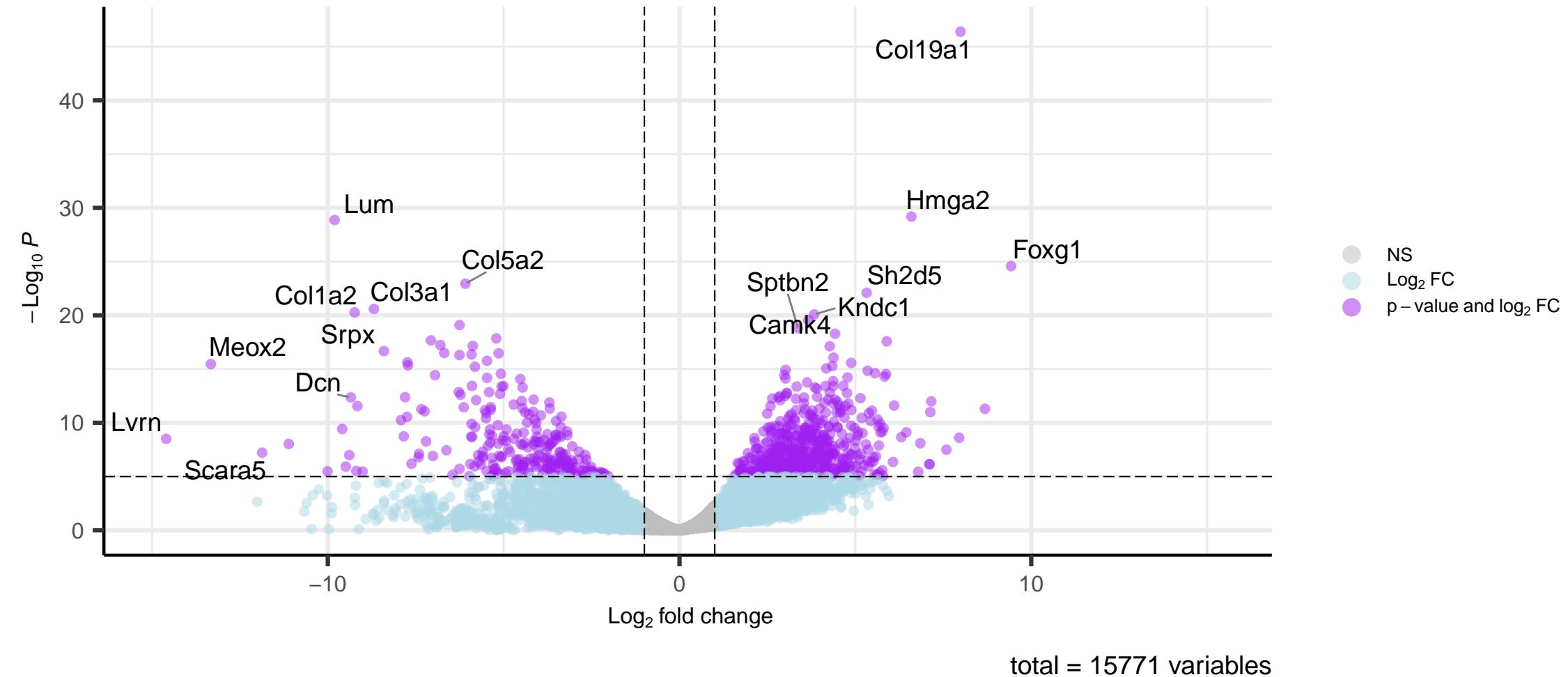
patho_cat_det: 1.2.NOS vs. 3.2



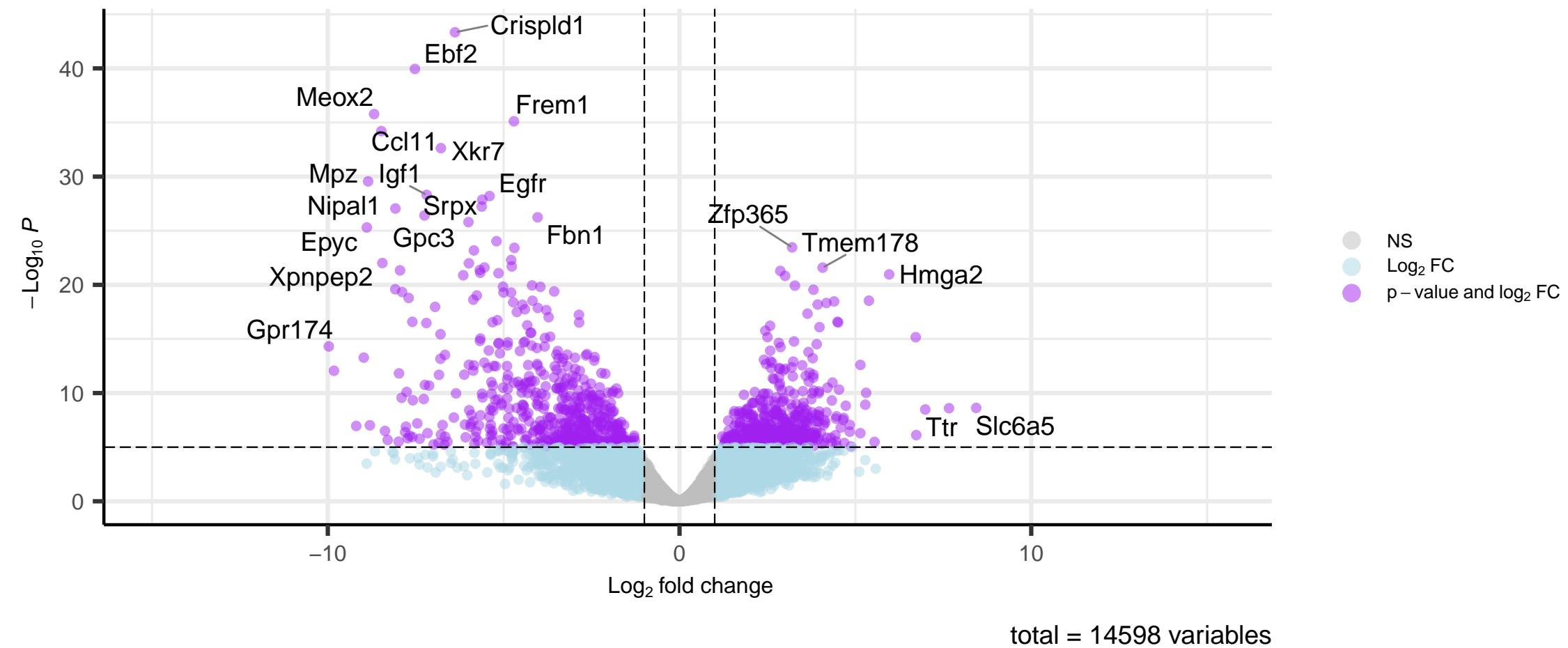
patho_cat_det: 1.2.NOS vs. 3.3



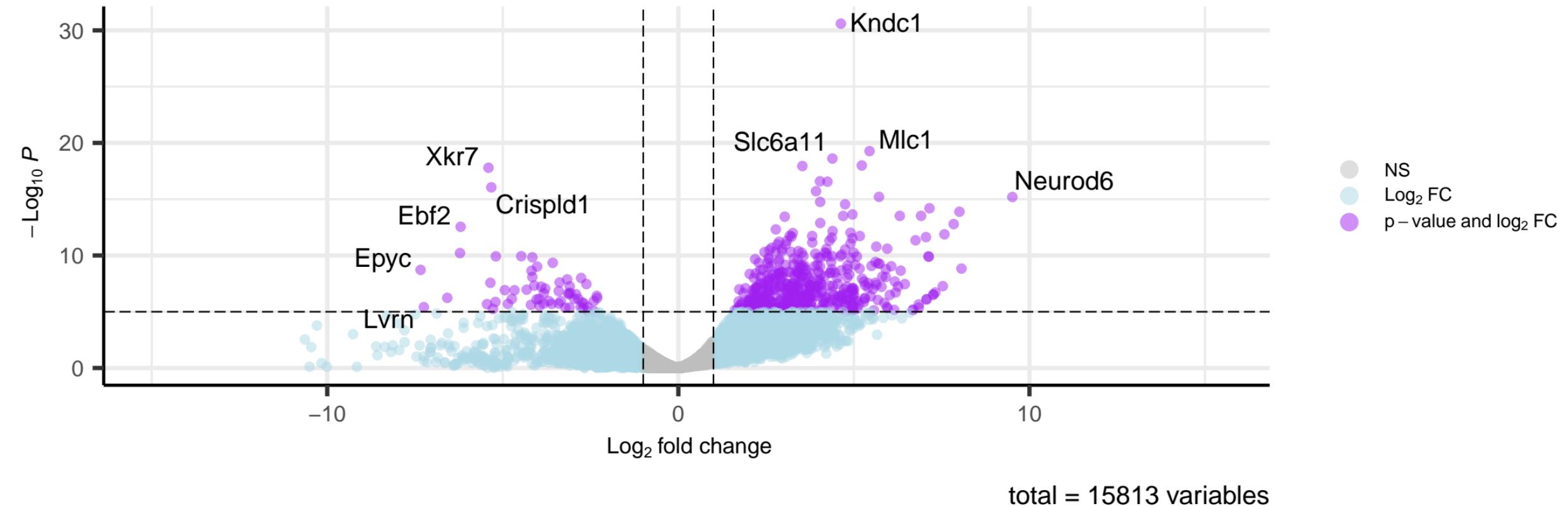
patho_cat_det: 1.2.NOS vs. 3.4



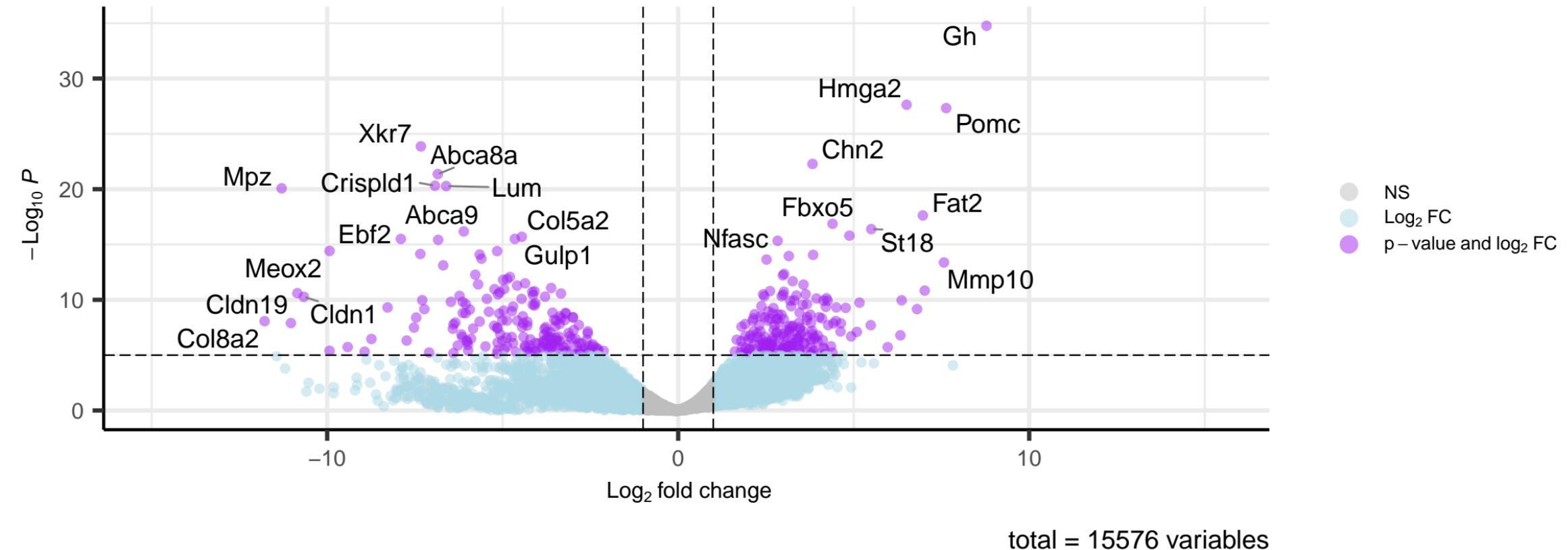
patho_cat_det: 1.2.NOS vs. 3.4.G



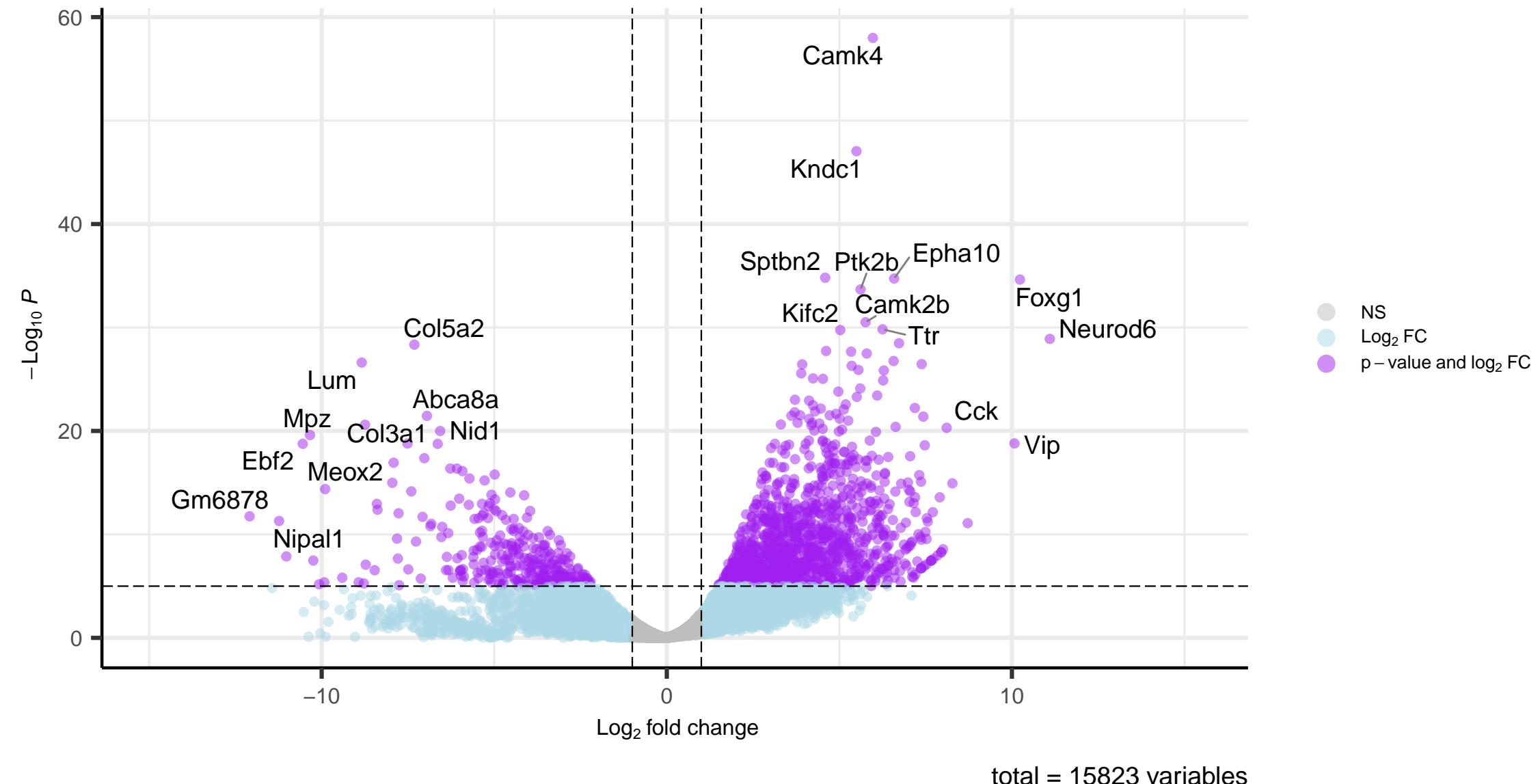
patho_cat_det: 1.2.NOS vs. 3.4.GSC



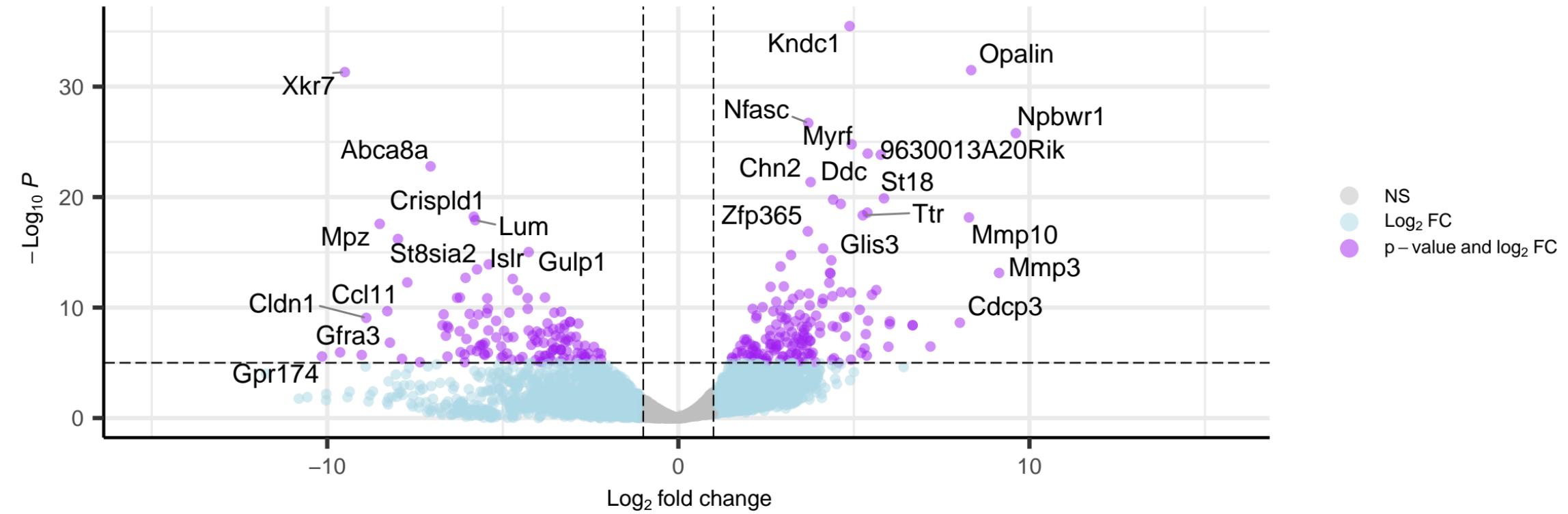
patho_cat_det: 1.2.NOS vs. 3.4.LMG



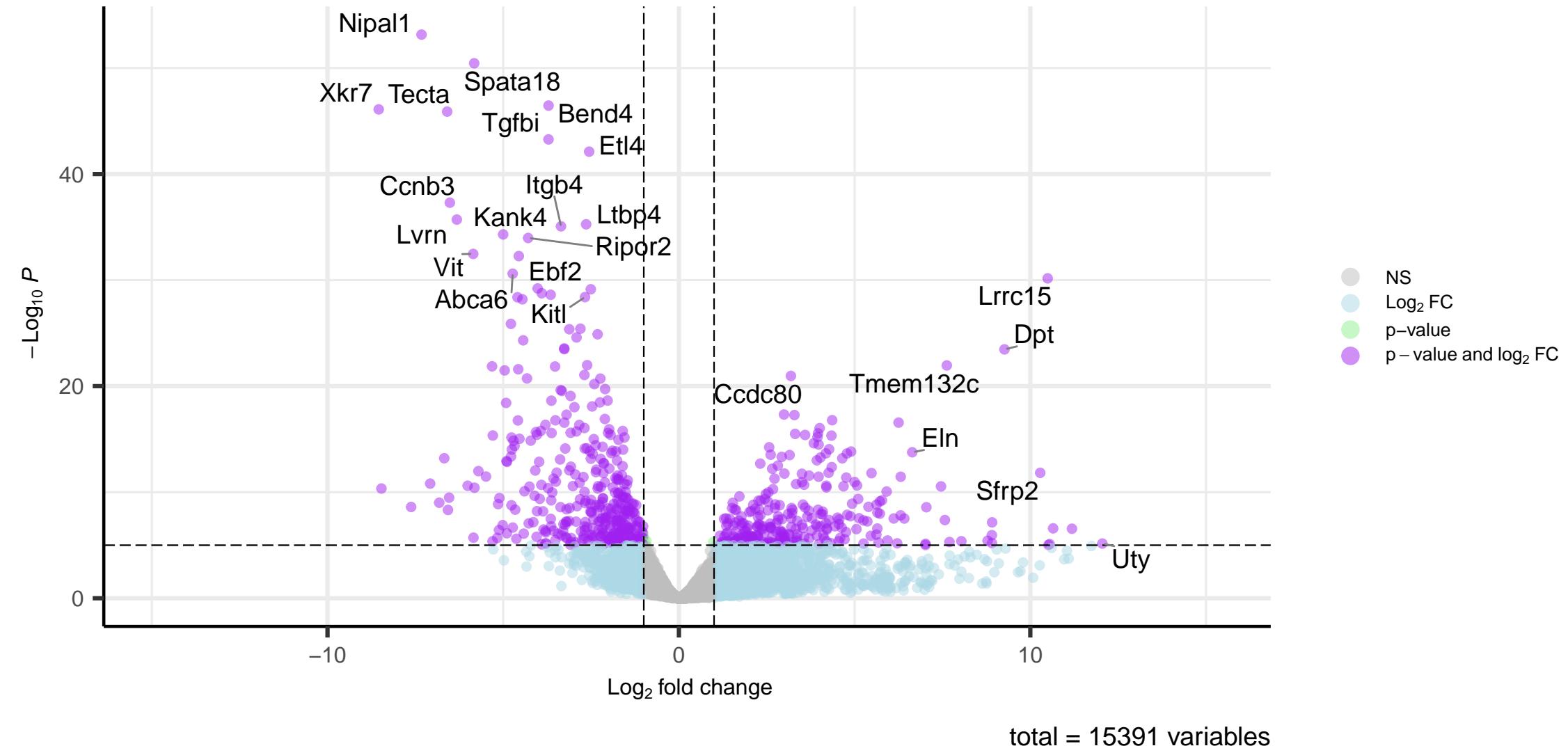
patho_cat_det: 1.2.NOS vs. 4.2.D



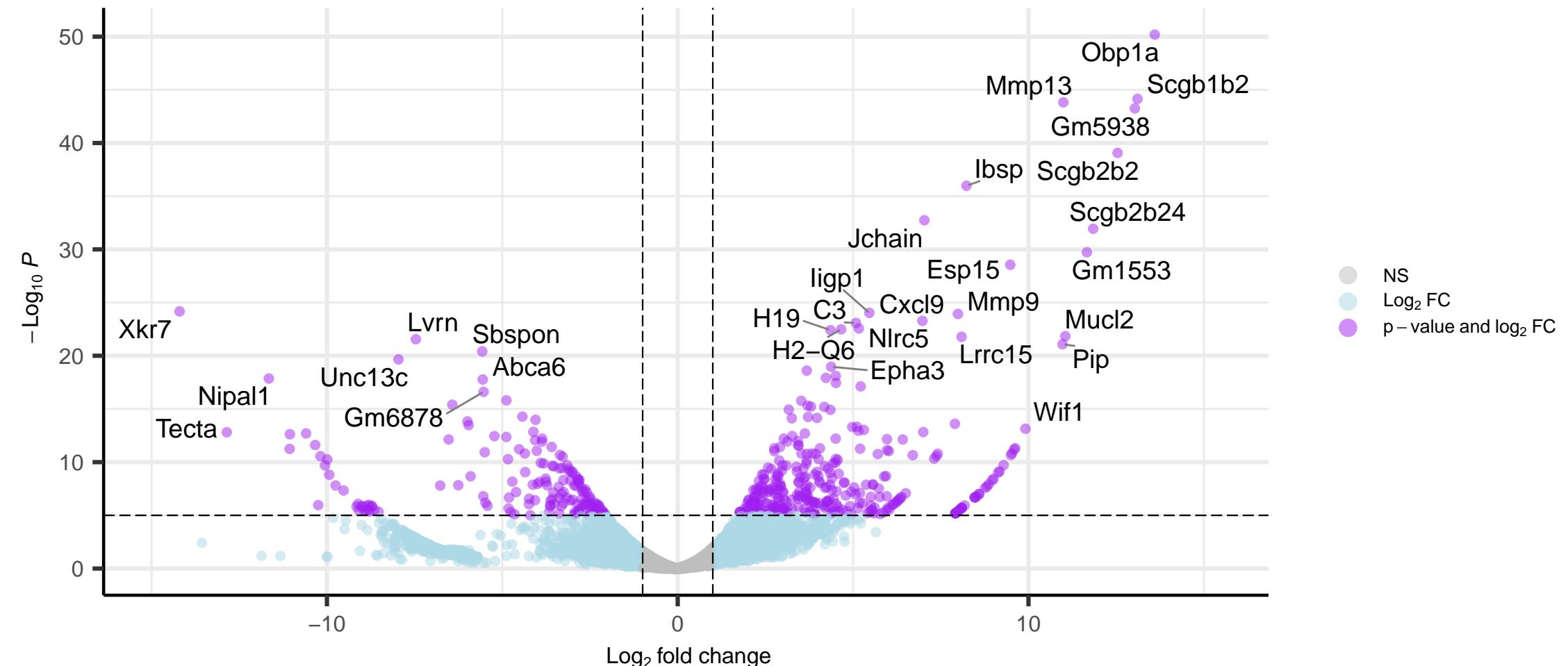
patho_cat_det: 1.2.NOS vs. 4.N.NOS



patho_cat_det: 1.4.NOS vs. 2.4.NOS

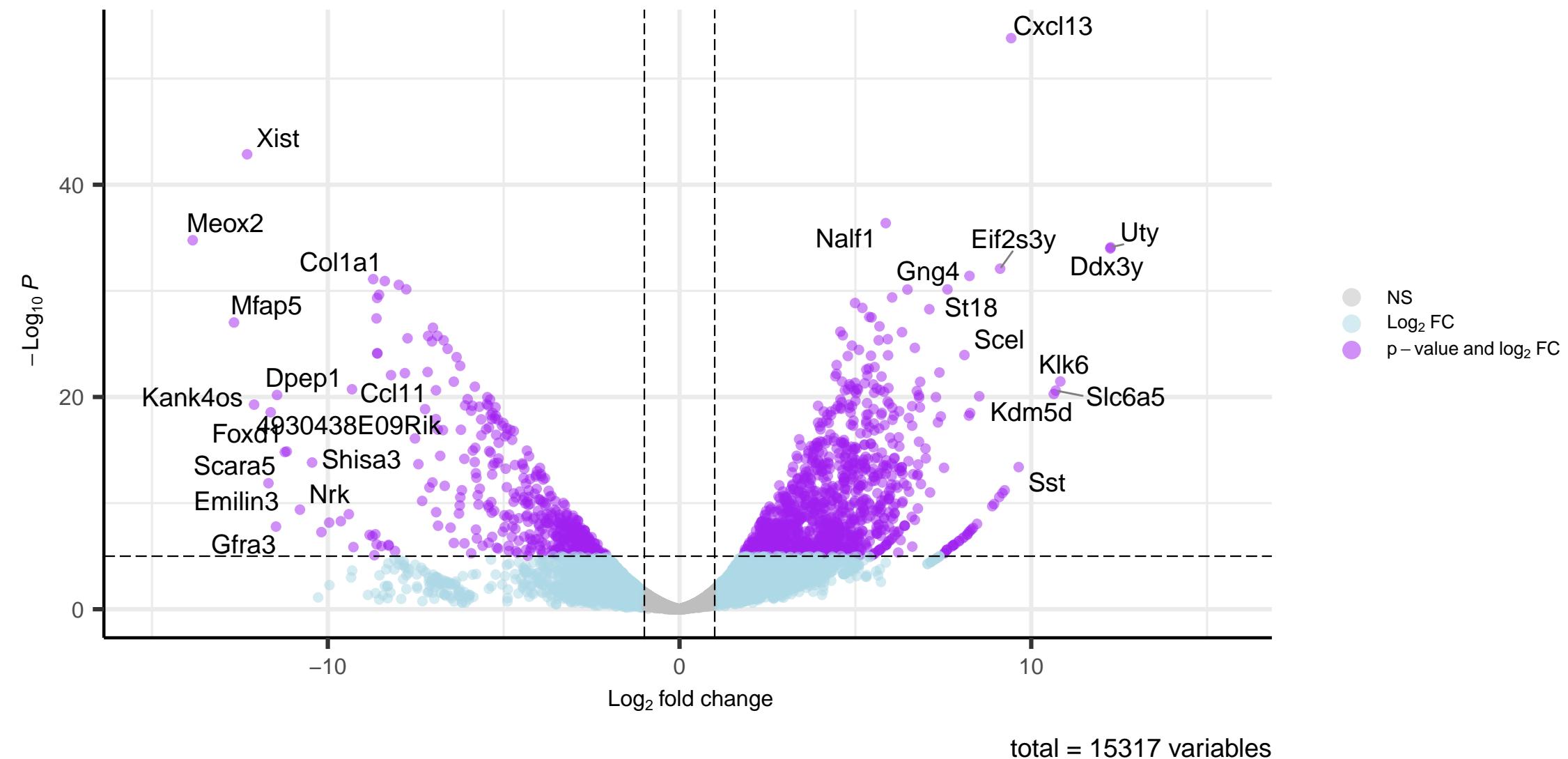


patho_cat_det: 1.4.NOS vs. 2.4.OF

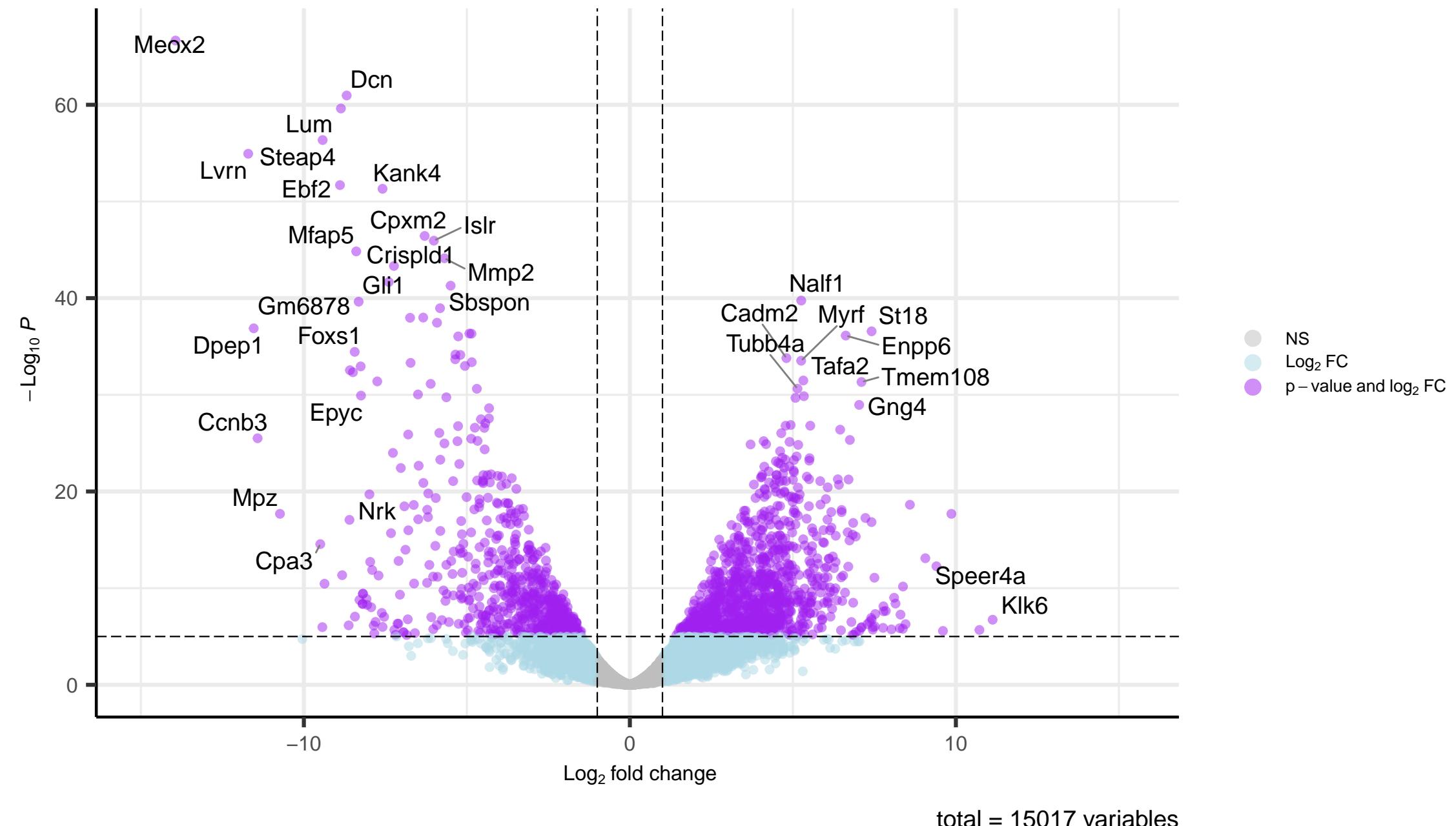


total = 14817 variables

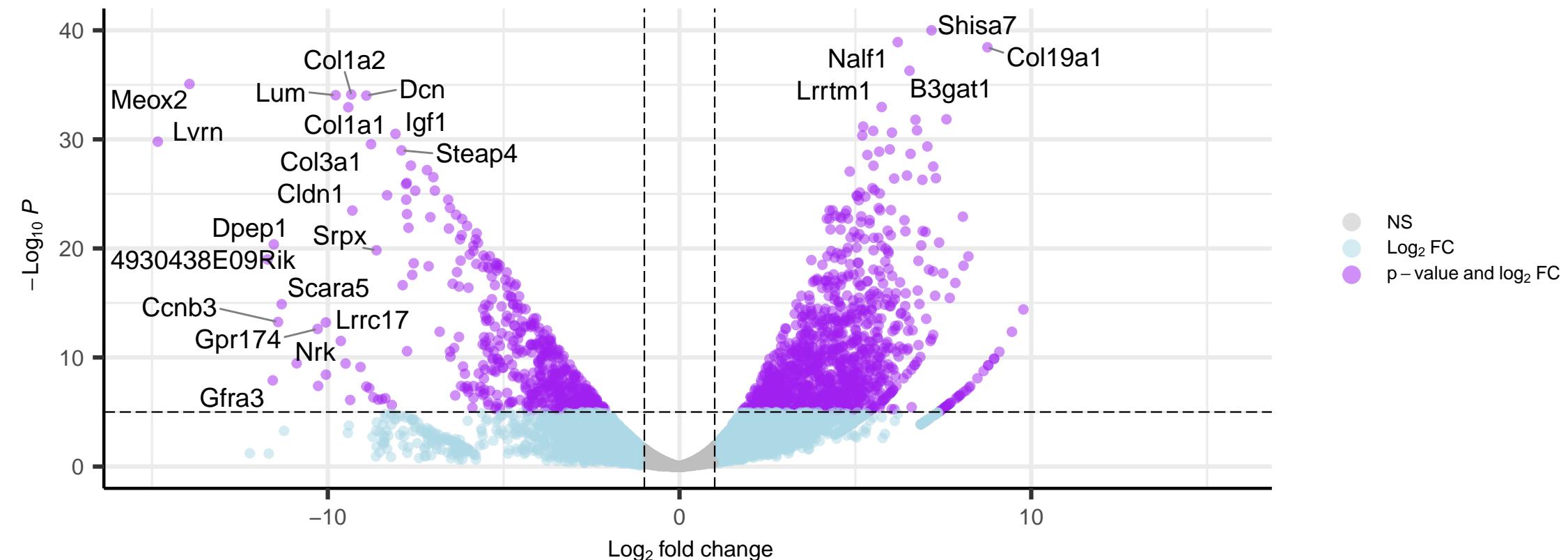
patho_cat_det: 1.4.NOS vs. 3.2



patho_cat_det: 1.4.NOS vs. 3.3



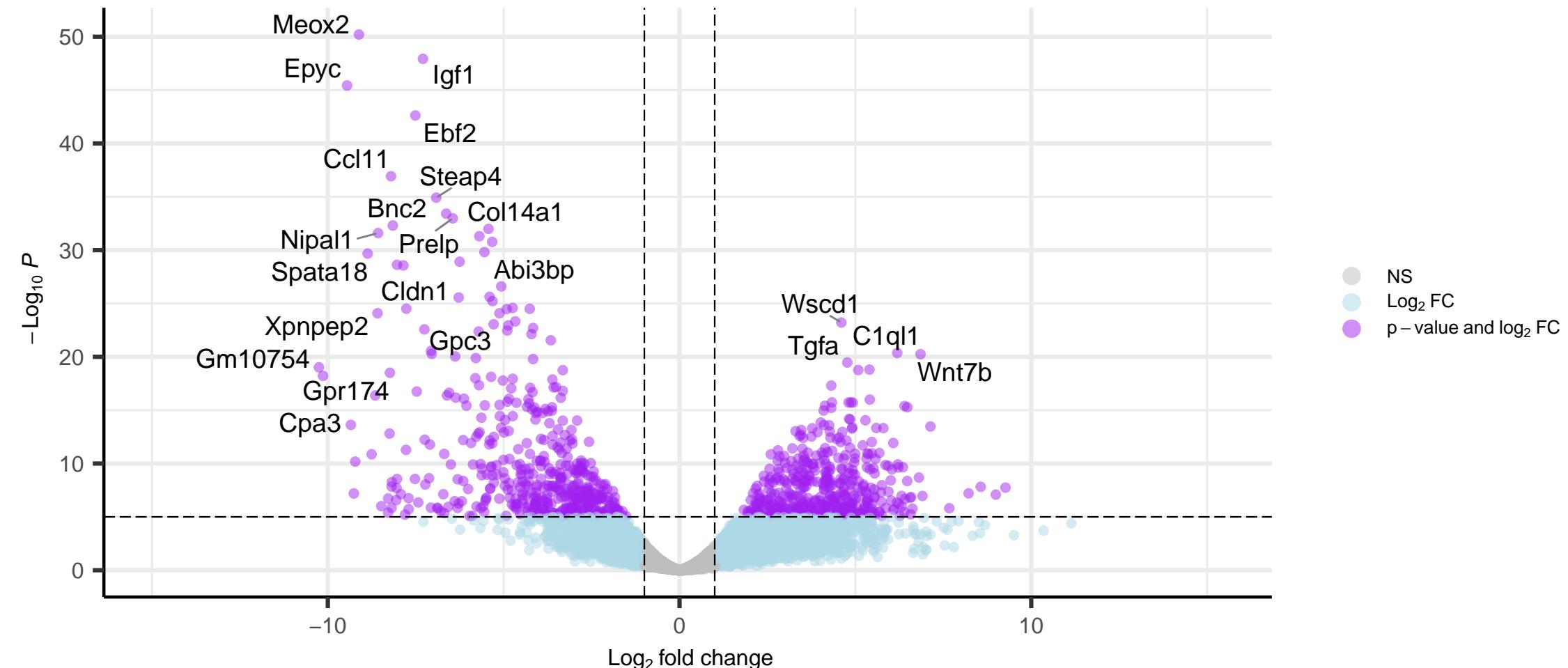
patho_cat_det: 1.4.NOS vs. 3.4



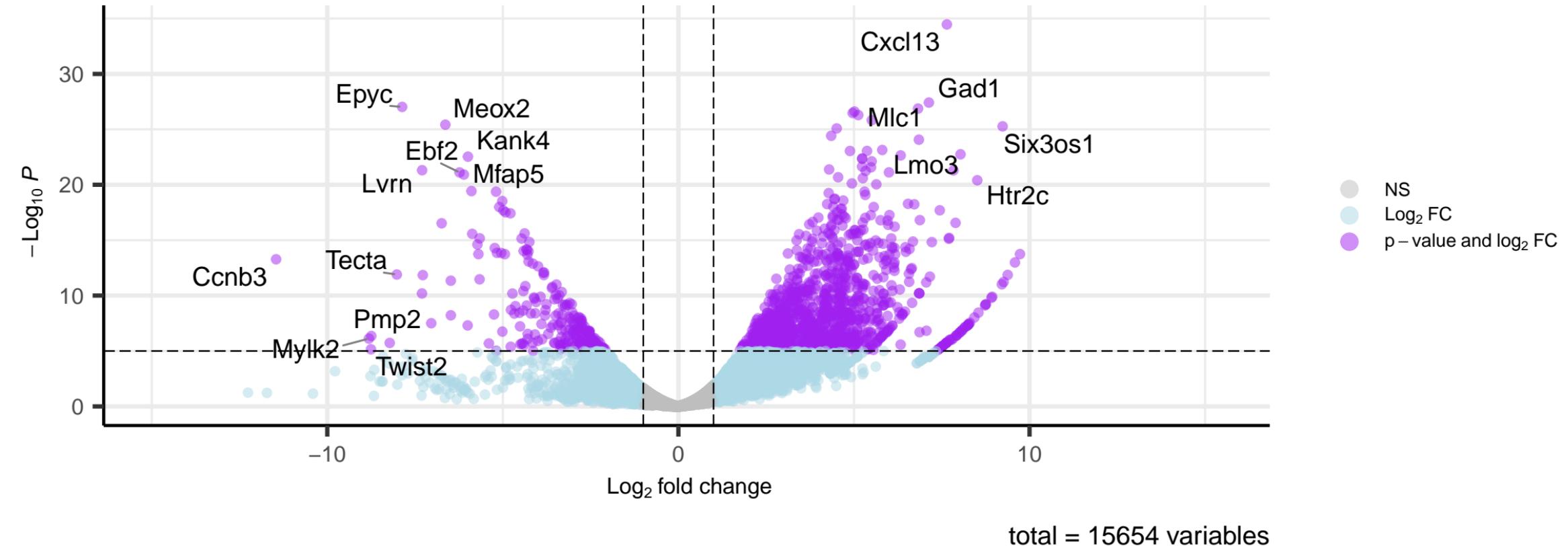
total = 15510 variables

- NS
- \log_2 FC
- p – value and \log_2 FC

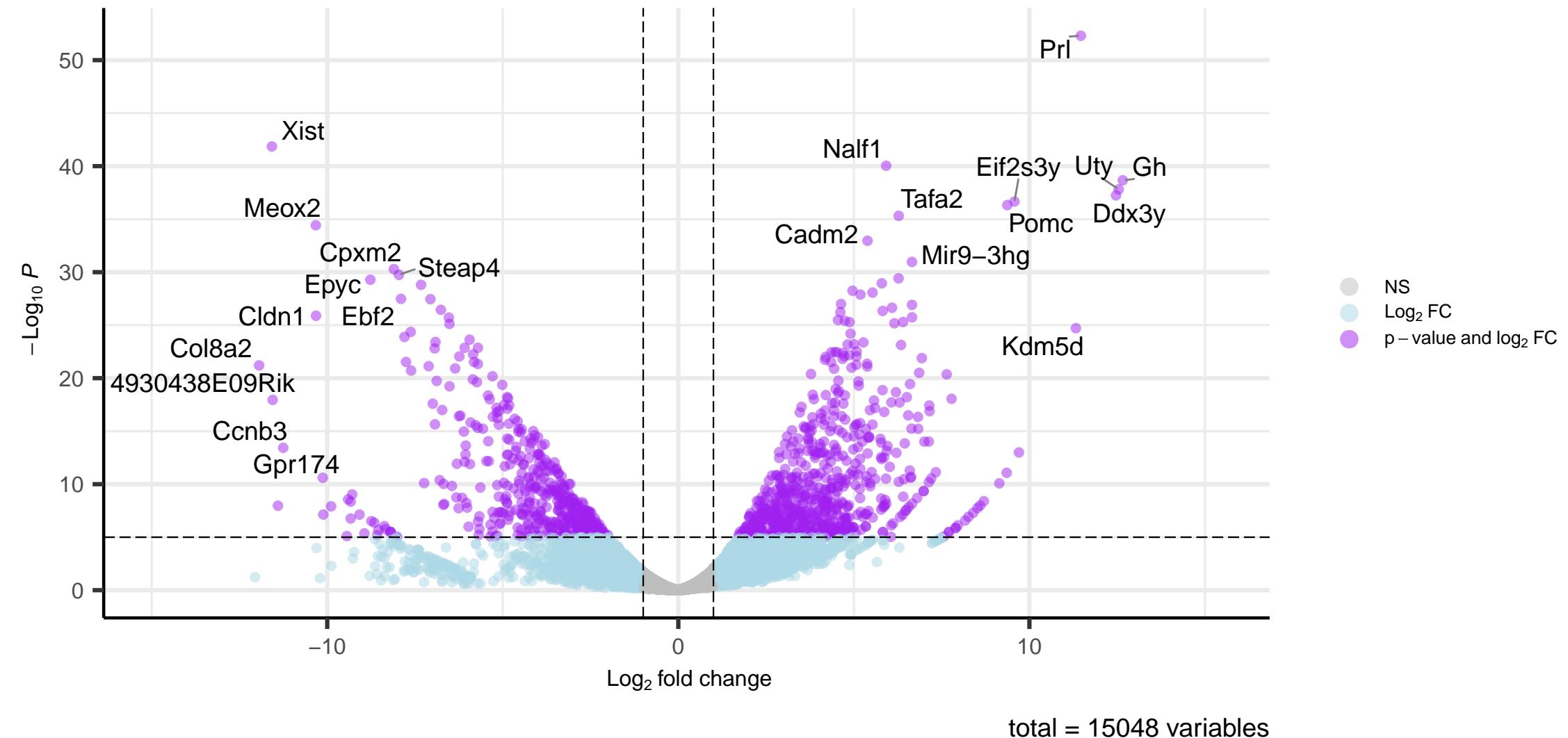
patho_cat_det: 1.4.NOS vs. 3.4.G



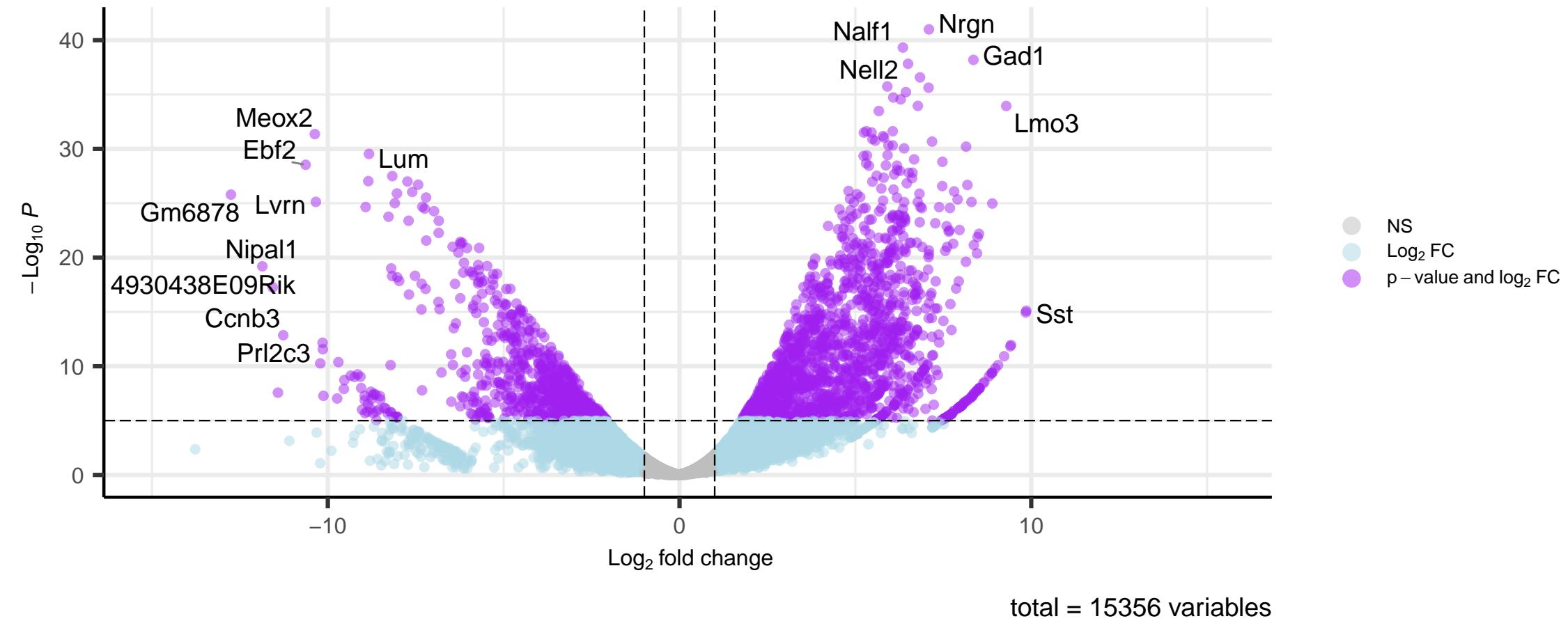
patho_cat_det: 1.4.NOS vs. 3.4.GSC



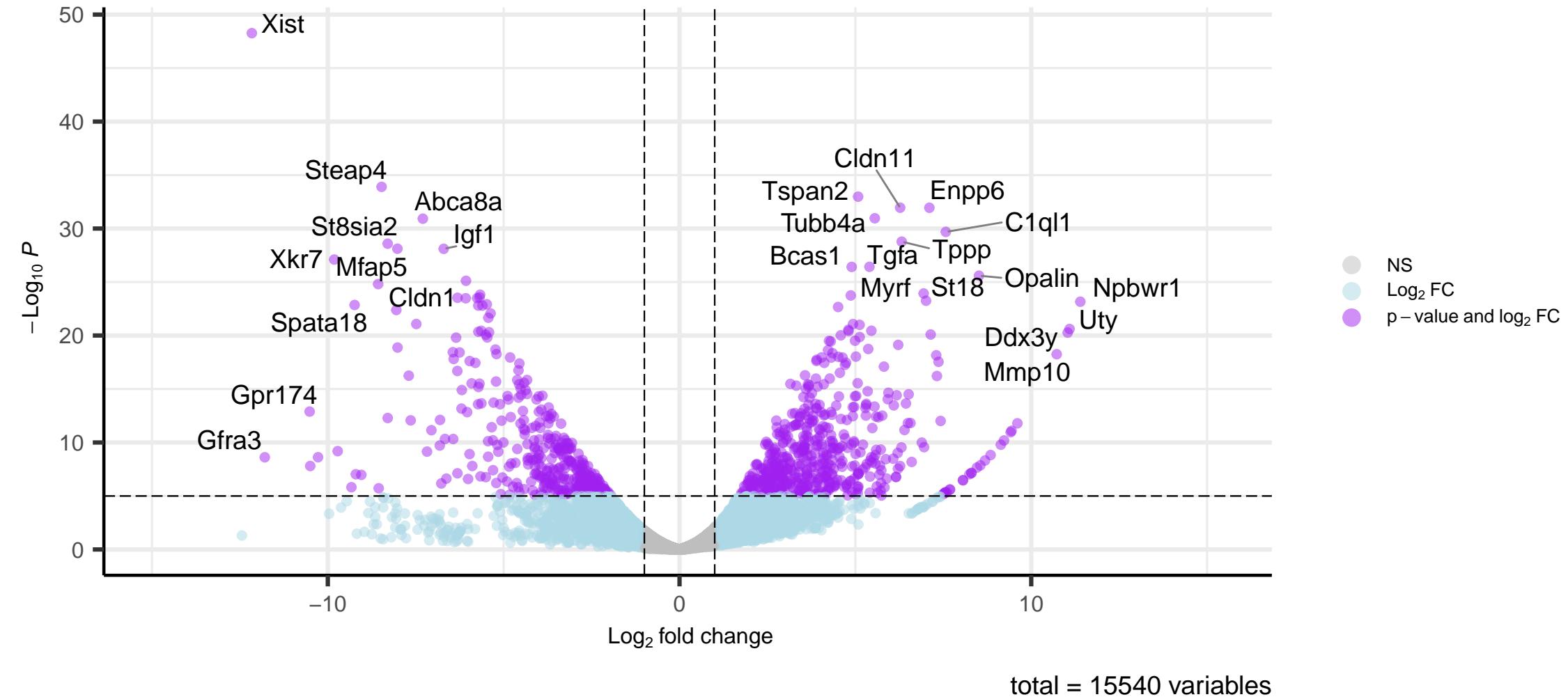
patho_cat_det: 1.4.NOS vs. 3.4.LMG



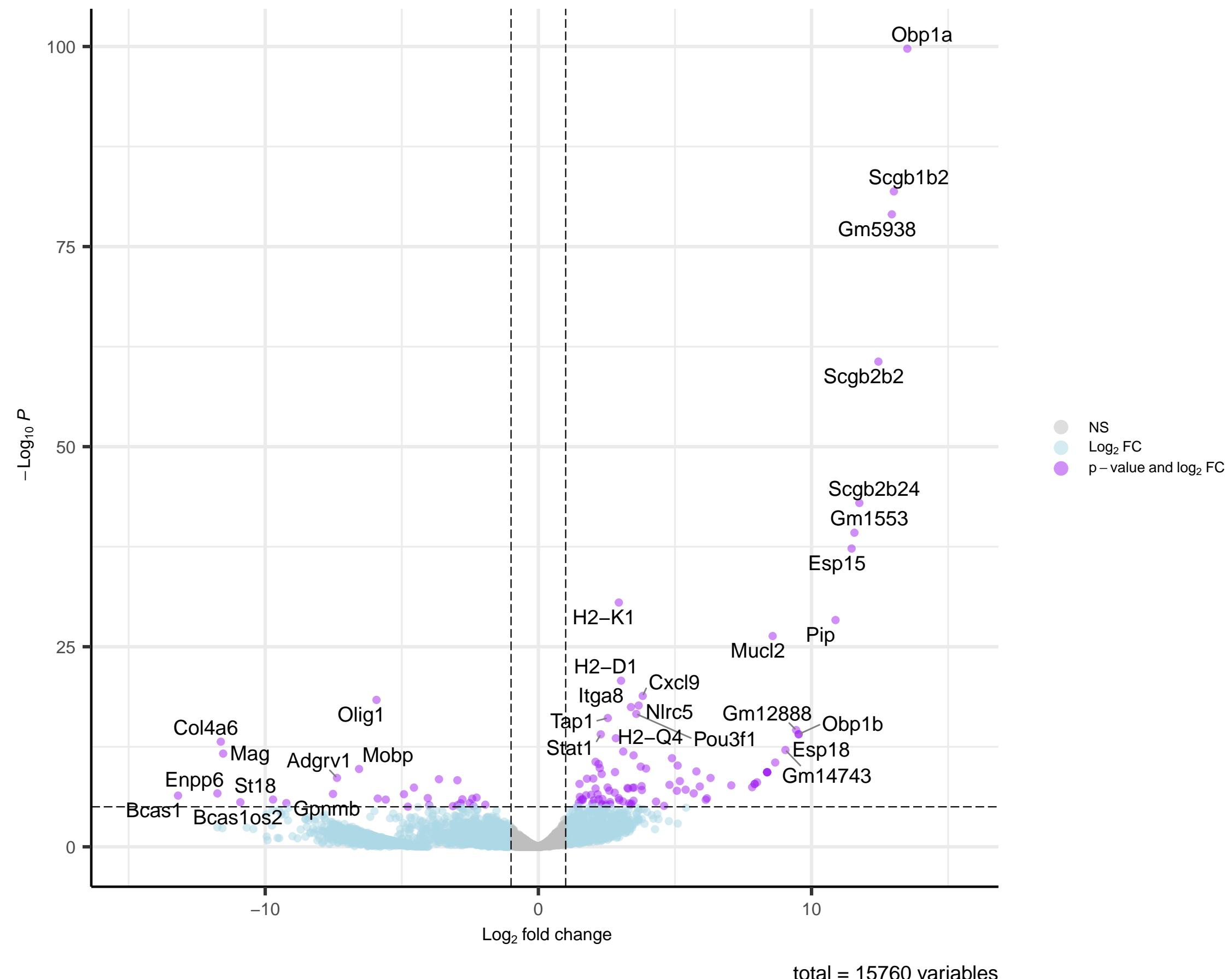
patho_cat_det: 1.4.NOS vs. 4.2.D



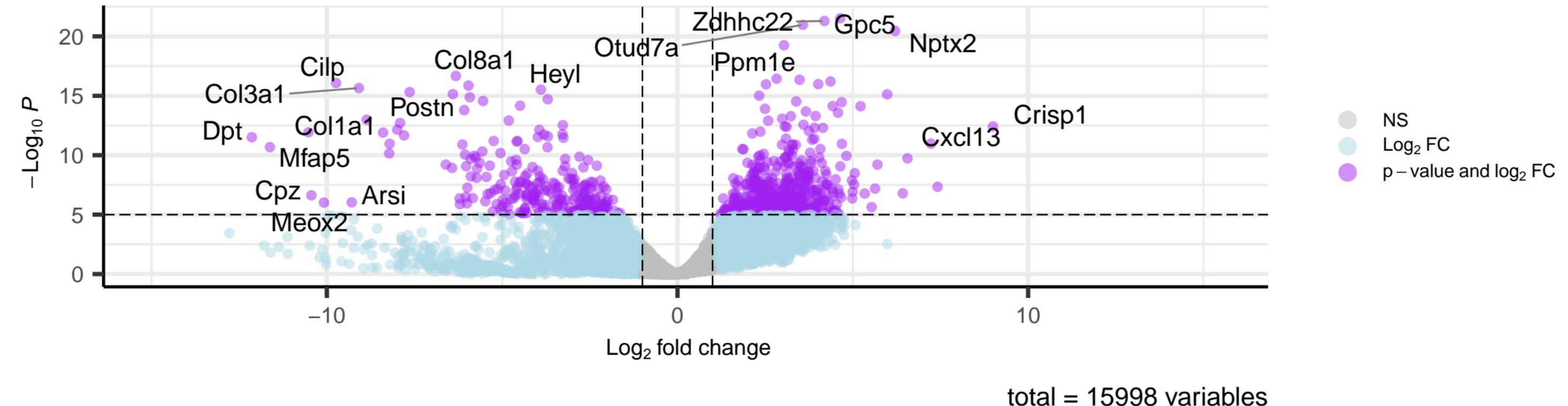
patho_cat_det: 1.4.NOS vs. 4.N.NOS



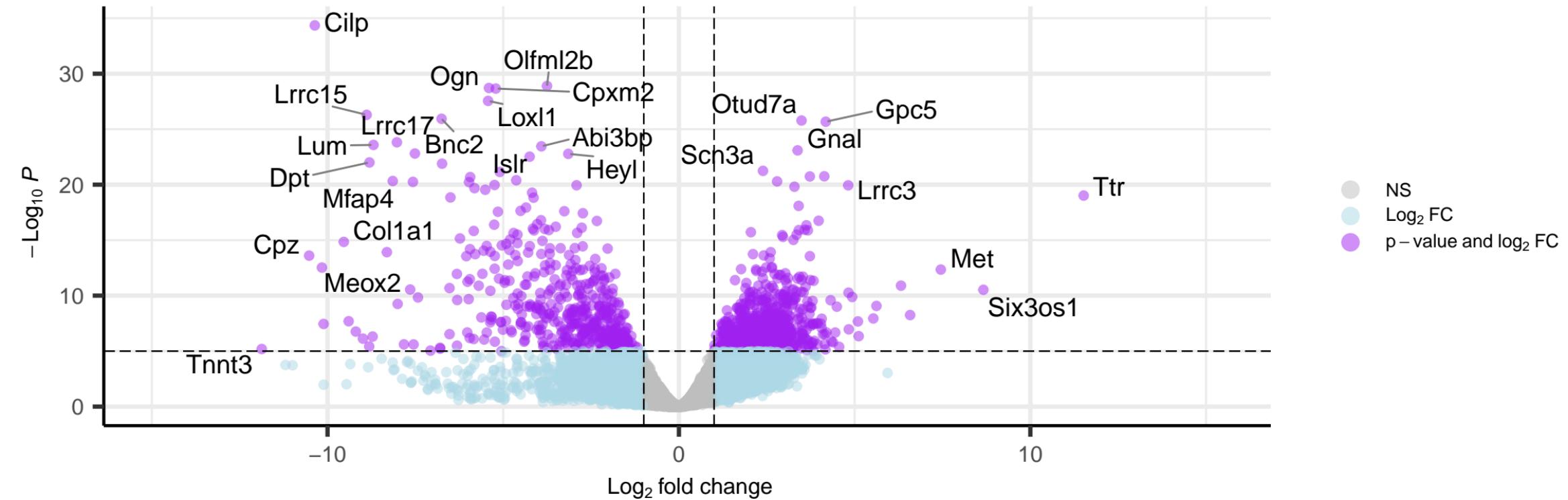
patho_cat_det: 2.4.NOS vs. 2.4.OF



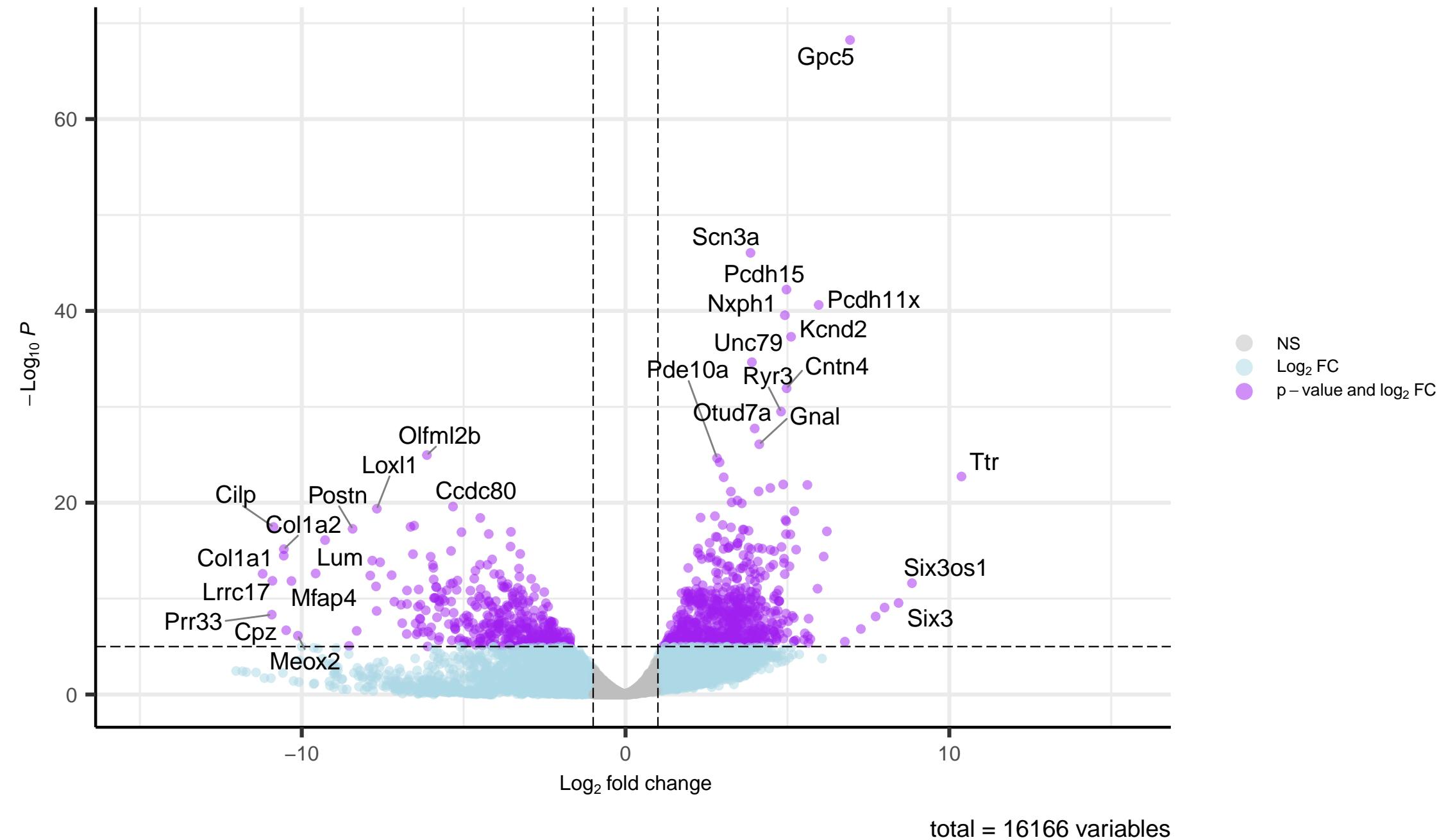
patho_cat_det: 2.4.NOS vs. 3.2



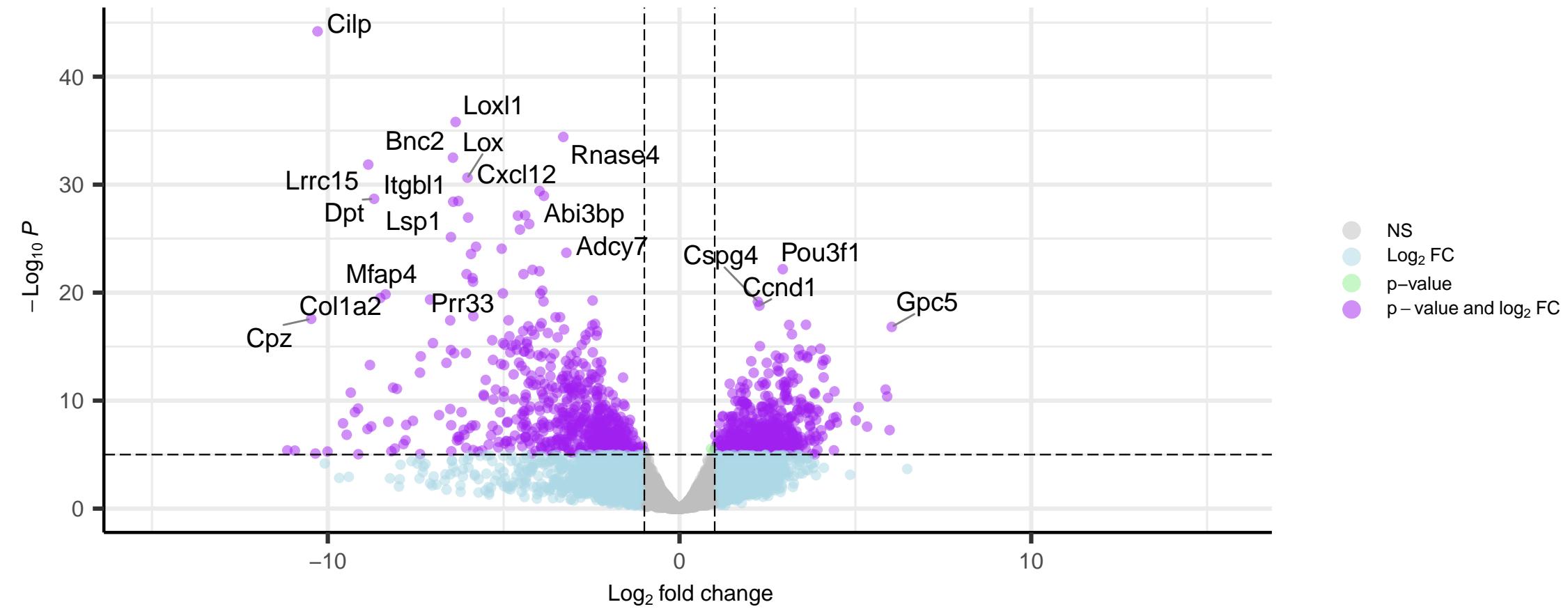
patho_cat_det: 2.4.NOS vs. 3.3



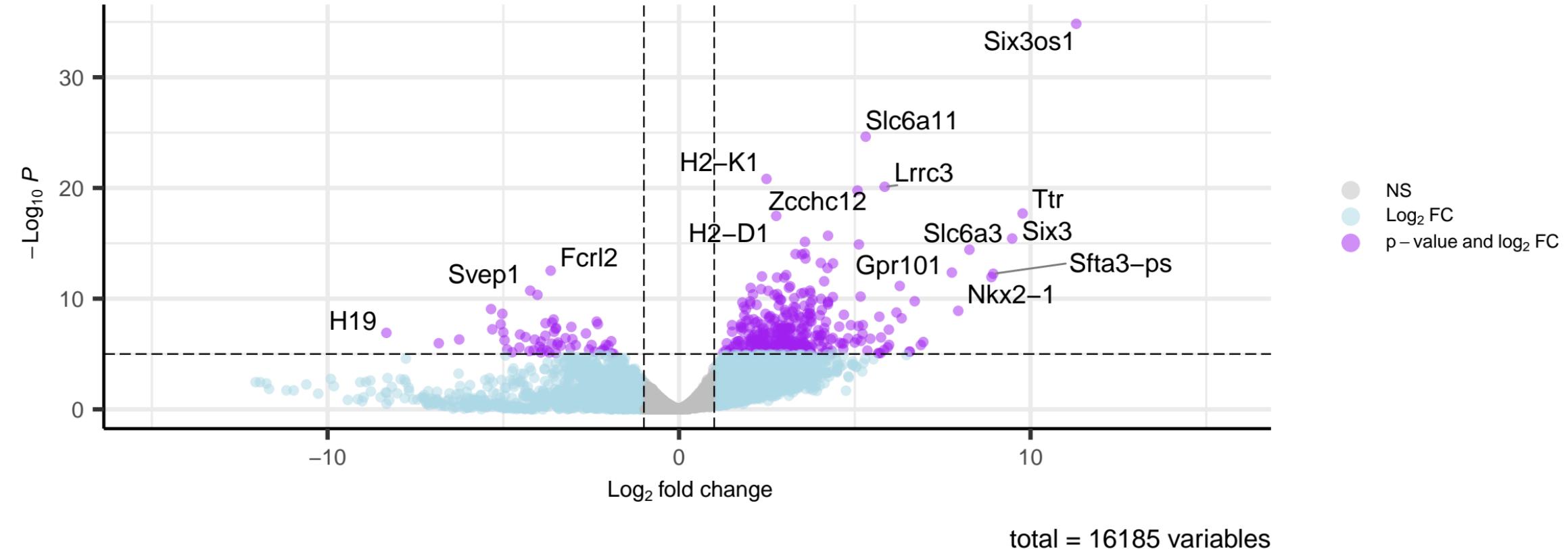
patho_cat_det: 2.4.NOS vs. 3.4



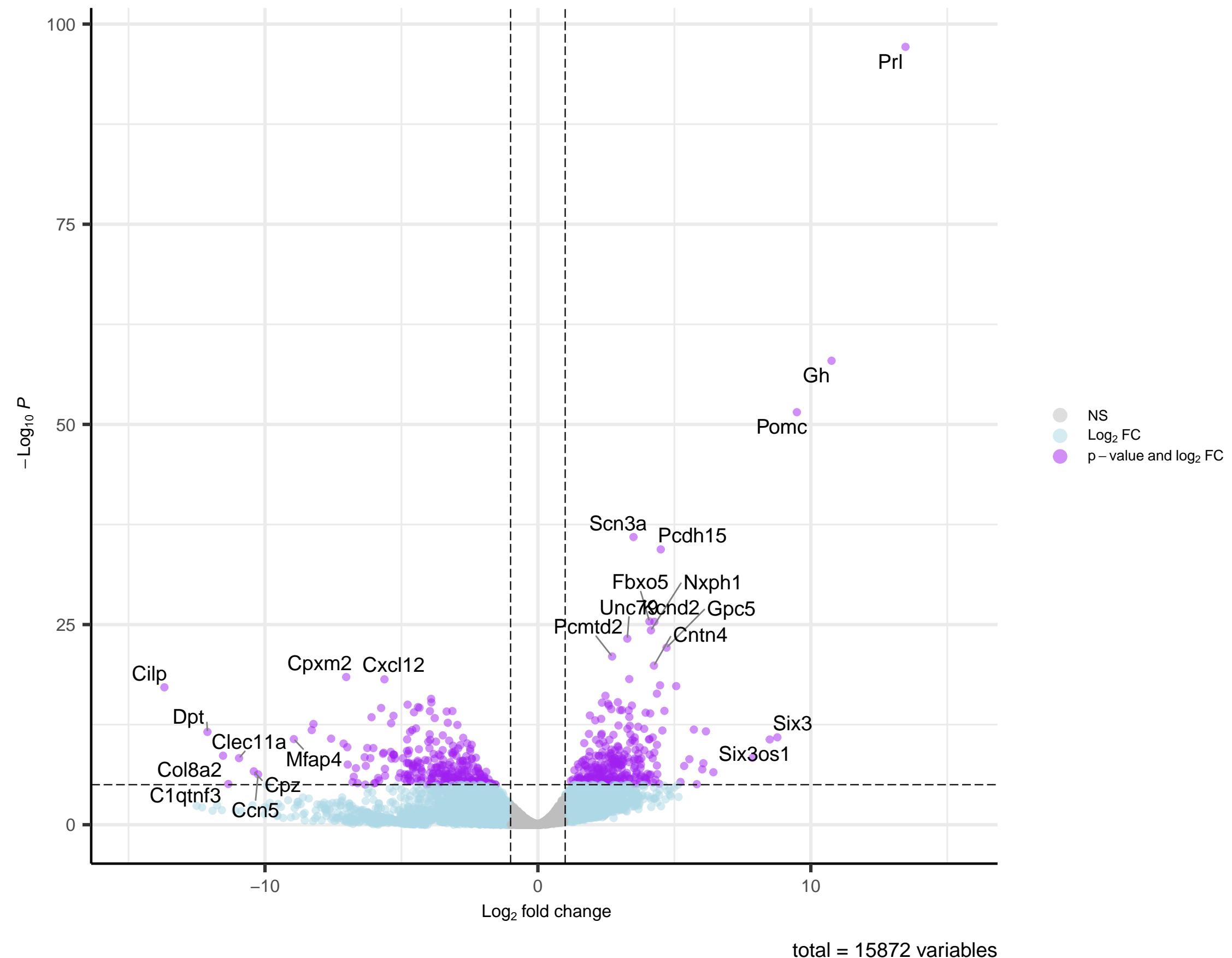
patho_cat_det: 2.4.NOS vs. 3.4.G



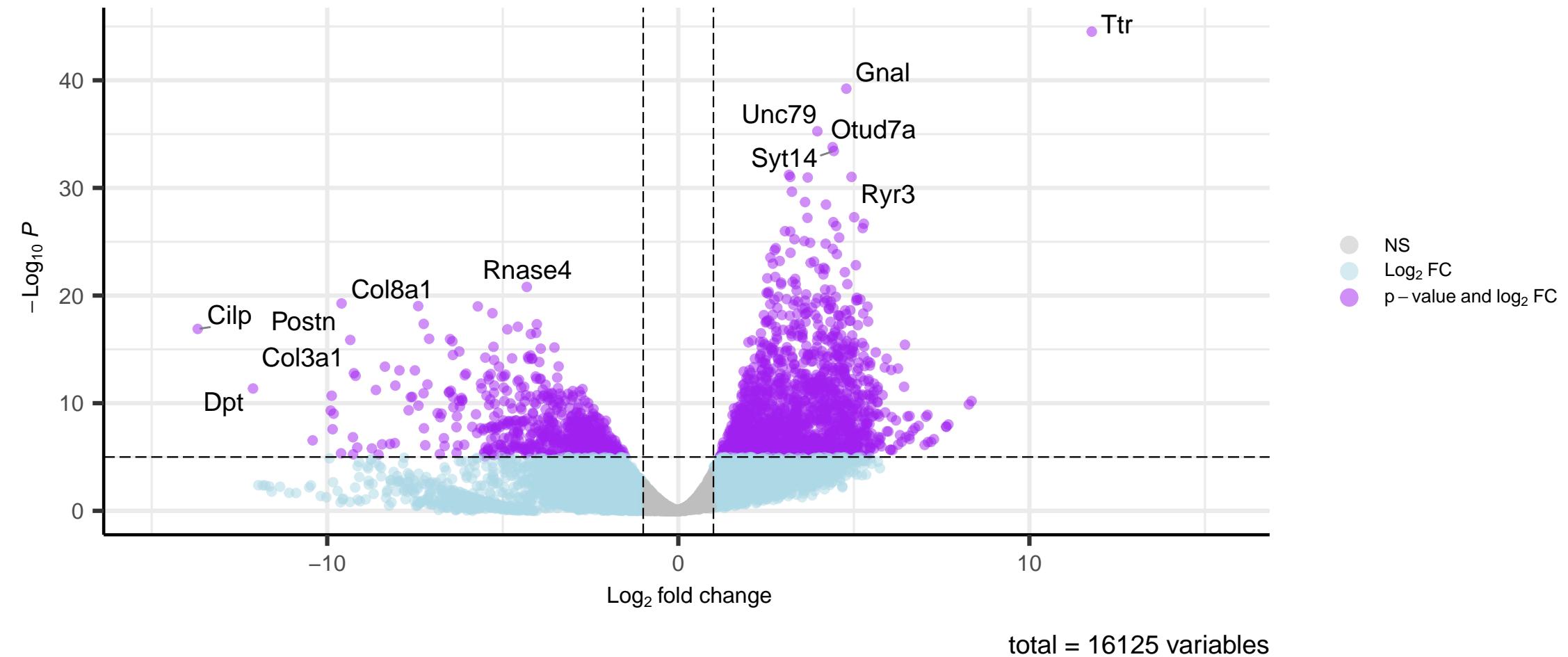
patho_cat_det: 2.4.NOS vs. 3.4.GSC



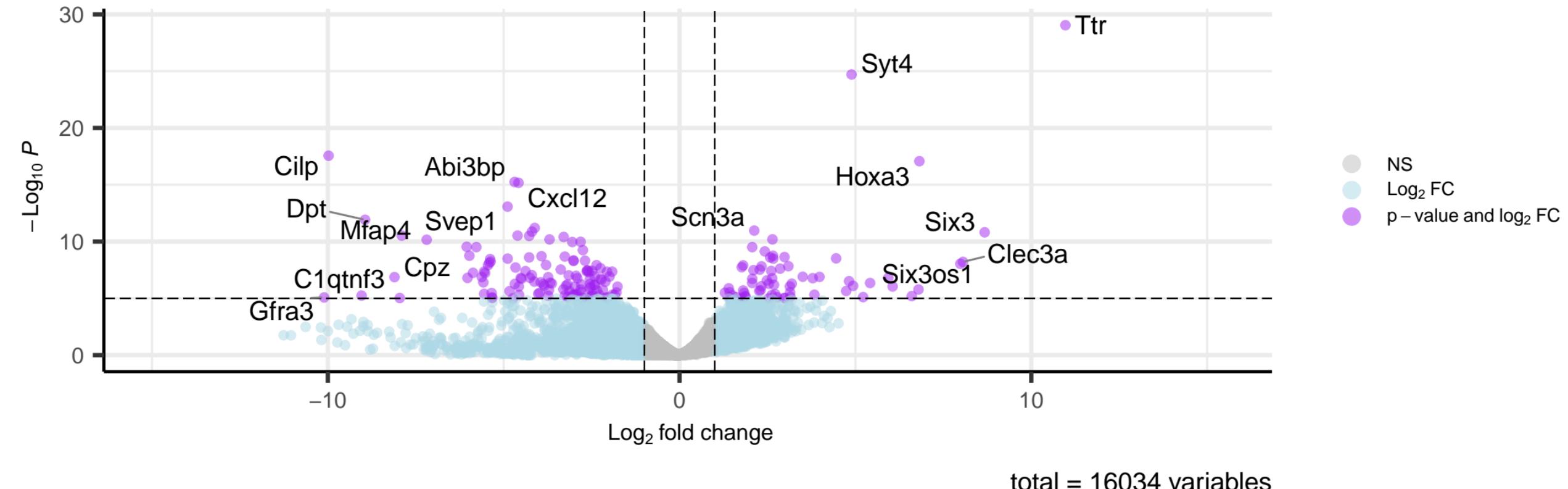
patho_cat_det: 2.4.NOS vs. 3.4.LMG



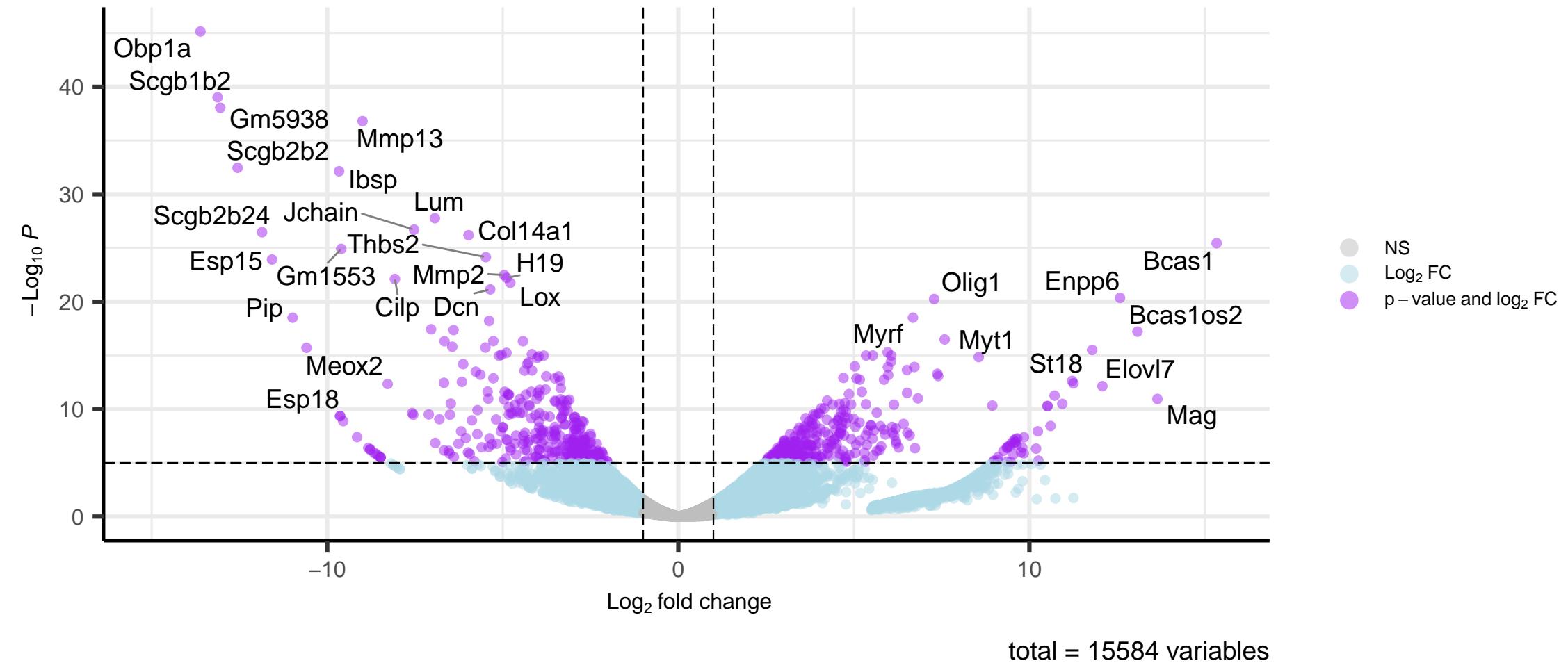
patho_cat_det: 2.4.NOS vs. 4.2.D



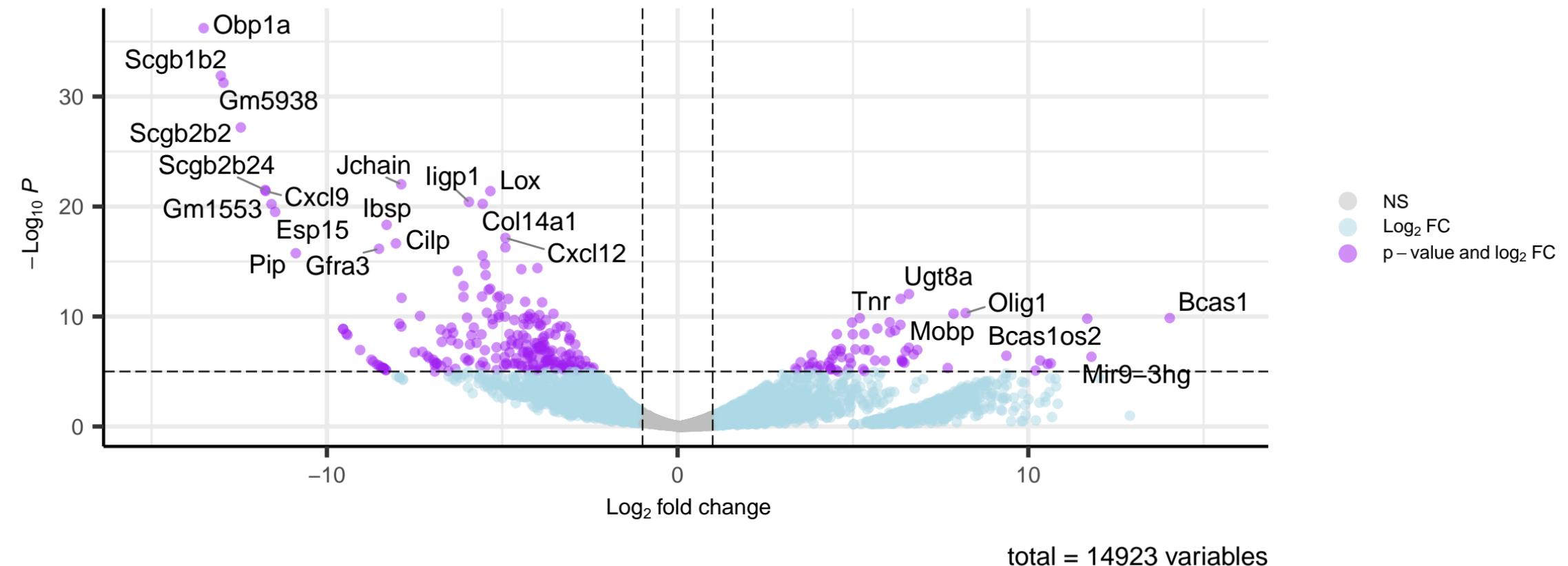
patho_cat_det: 2.4.NOS vs. 4.N.NOS



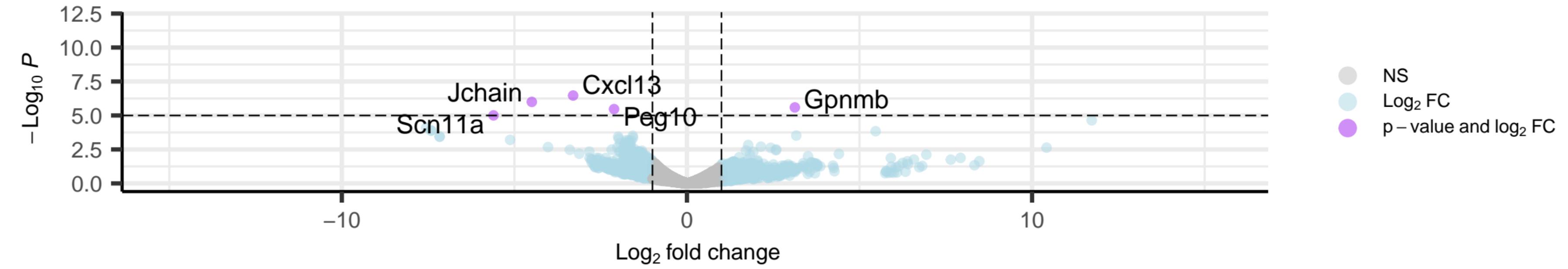
patho_cat_det: 2.4.OF vs. 3.3



patho_cat_det: 2.4.OF vs. 3.4.G

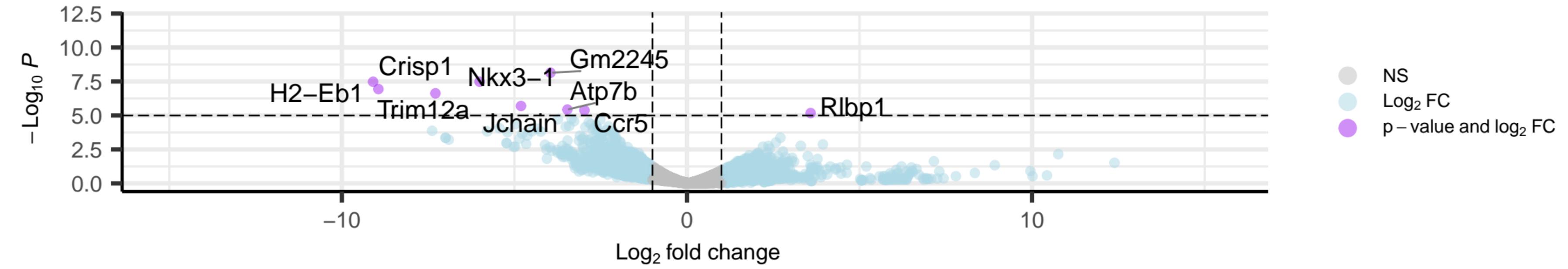


patho_cat_det: 3.2 vs. 3.3



total = 15513 variables

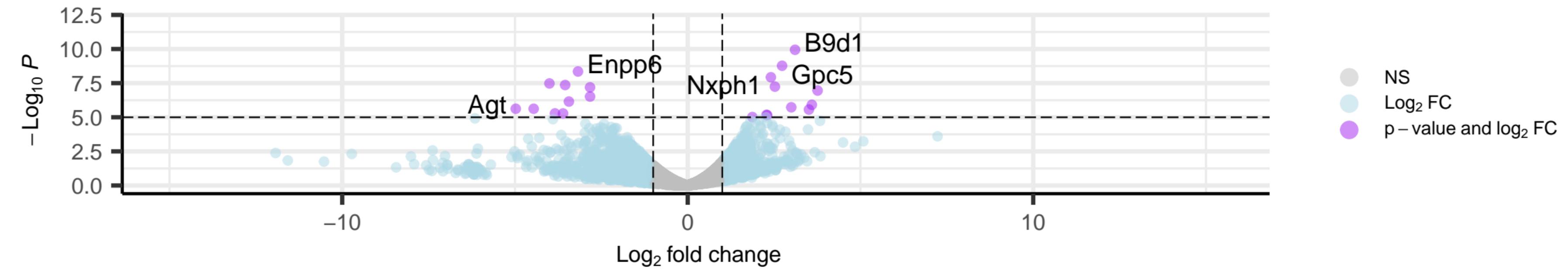
patho_cat_det: 3.2 vs. 3.4.G



total = 15114 variables

- NS
- $\text{Log}_2 \text{FC}$
- p-value and $\text{log}_2 \text{FC}$

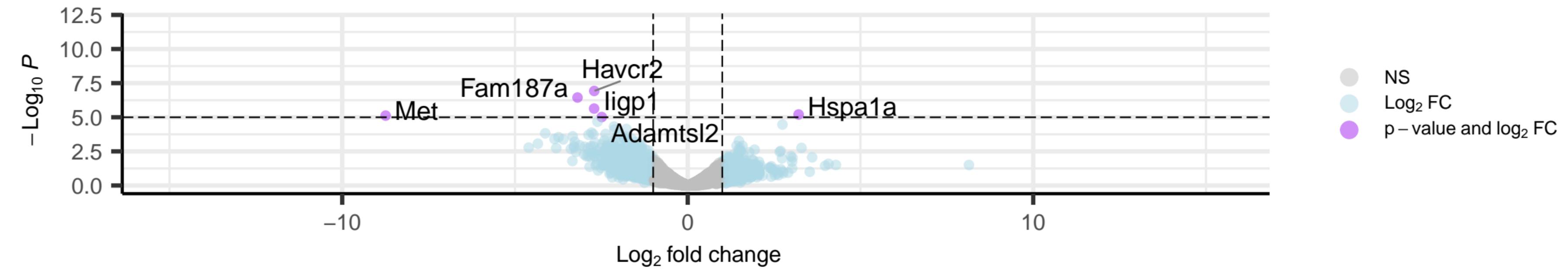
patho_cat_det: 3.3 vs. 3.4



total = 15517 variables

- NS
- $\log_2 \text{FC}$
- $p\text{-value and } \log_2 \text{FC}$

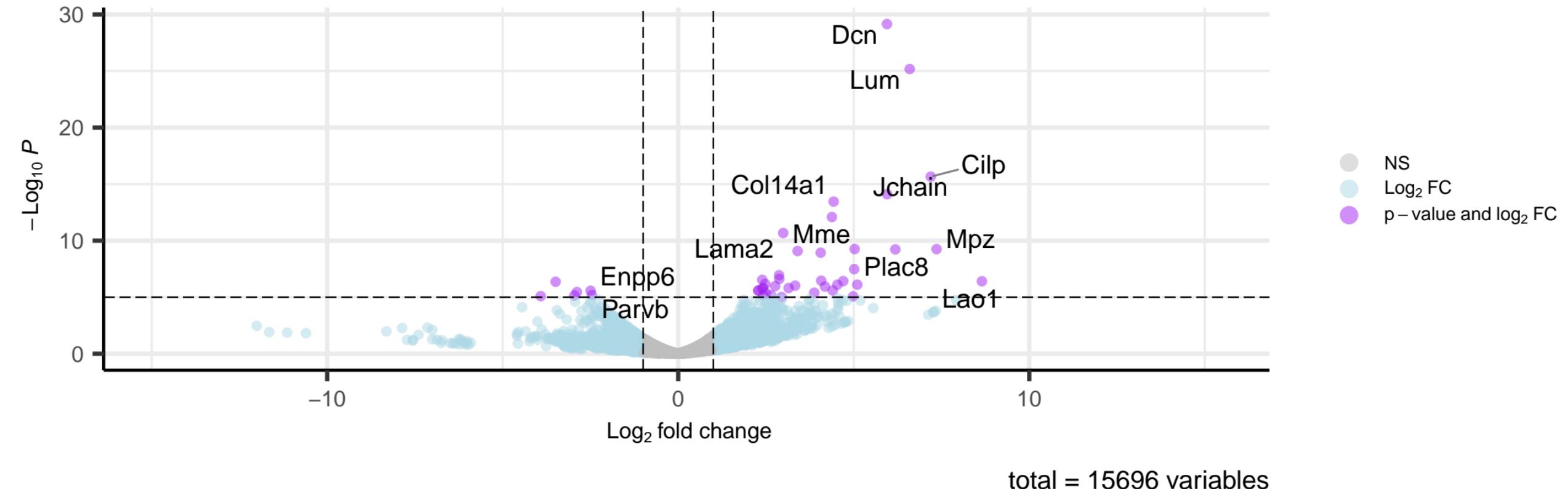
patho_cat_det: 3.3 vs. 3.4.G



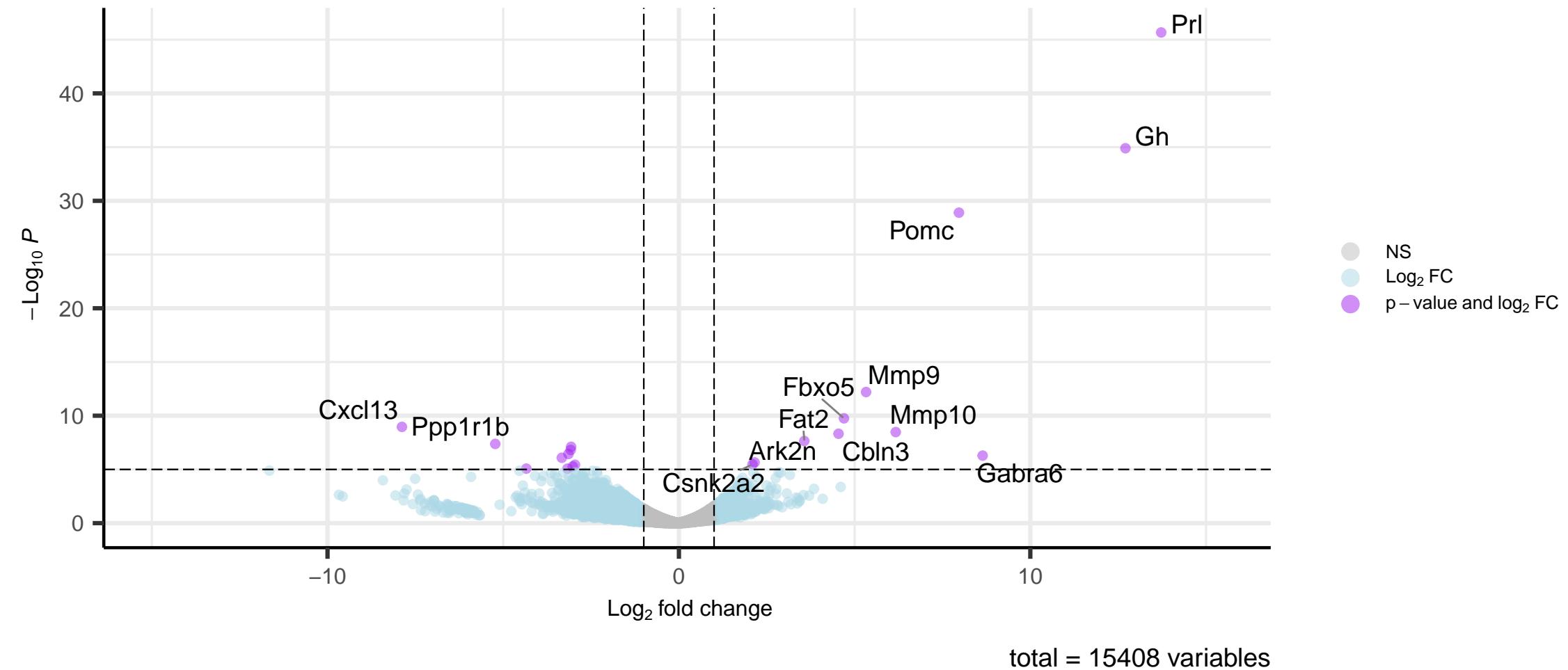
total = 14943 variables

- NS
- \log_2 FC
- p -value and \log_2 FC

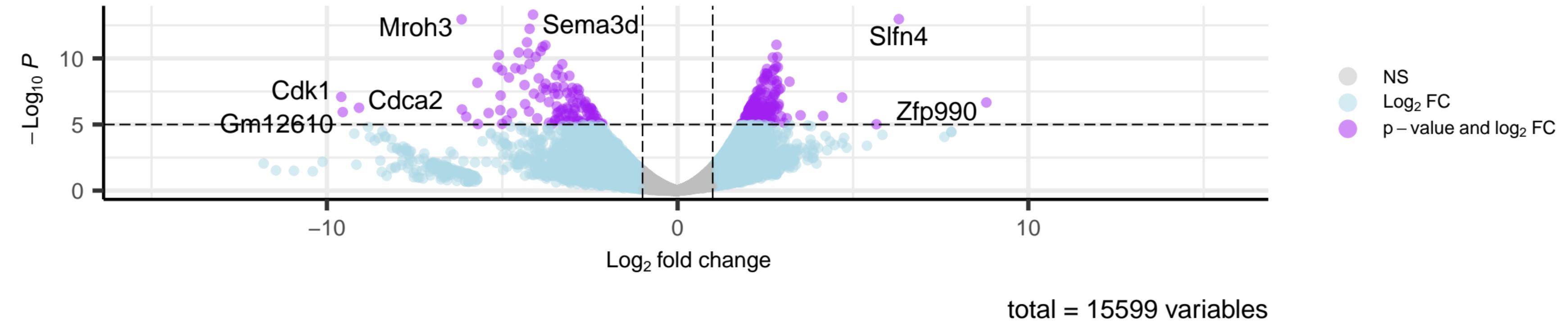
patho_cat_det: 3.3 vs. 3.4.GSC



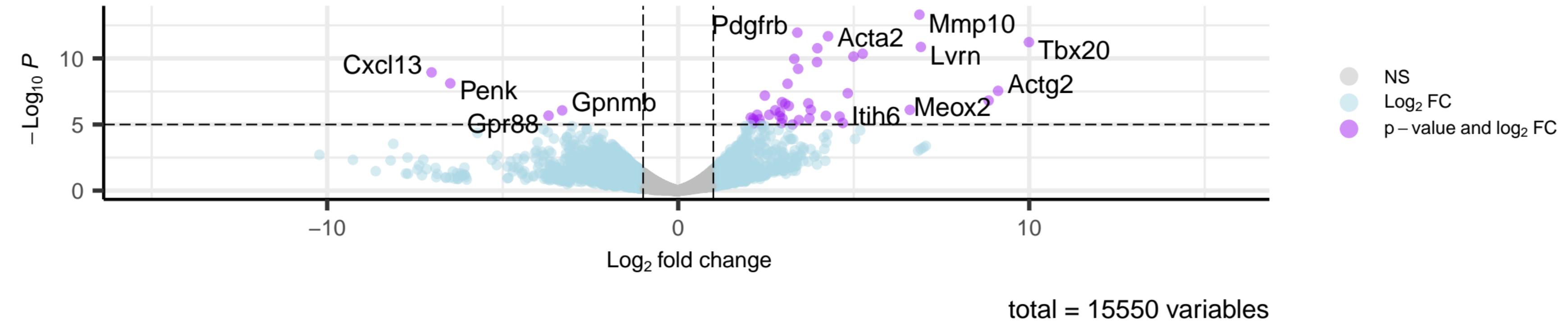
patho_cat_det: 3.3 vs. 3.4.LMG



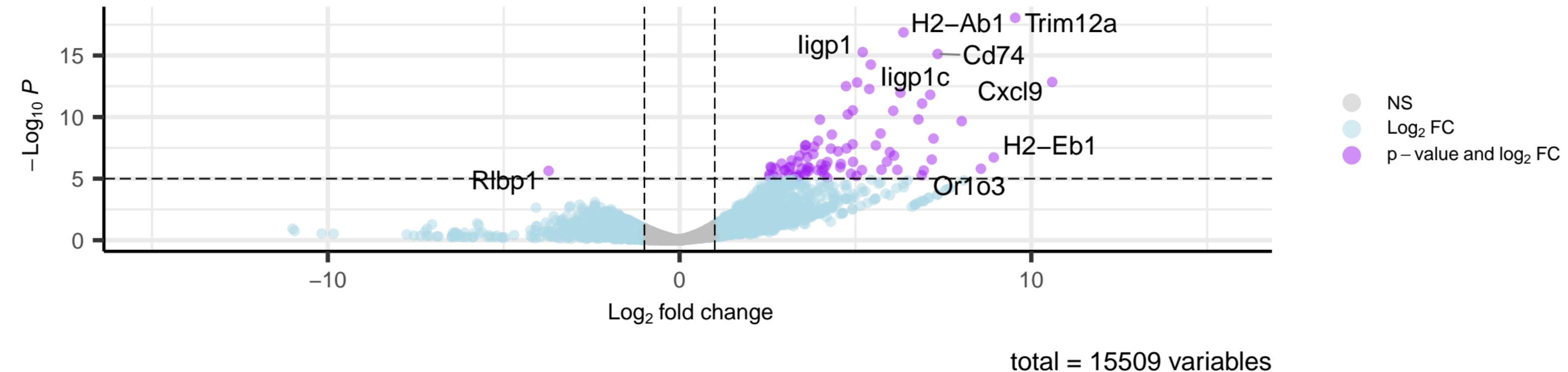
patho_cat_det: 3.3 vs. 4.2.D



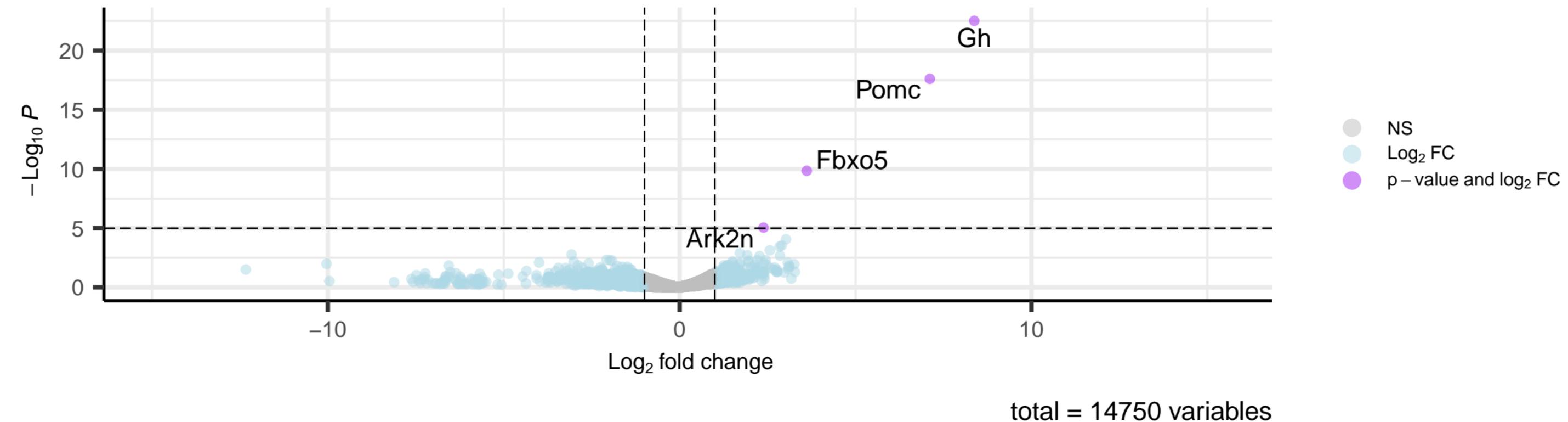
patho_cat_det: 3.3 vs. 4.N.NOS



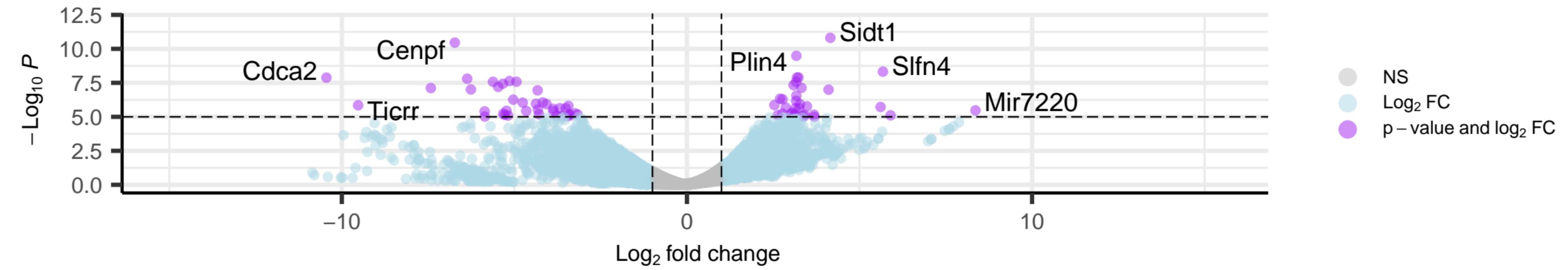
patho_cat_det: 3.4.G vs. 3.4.GSC



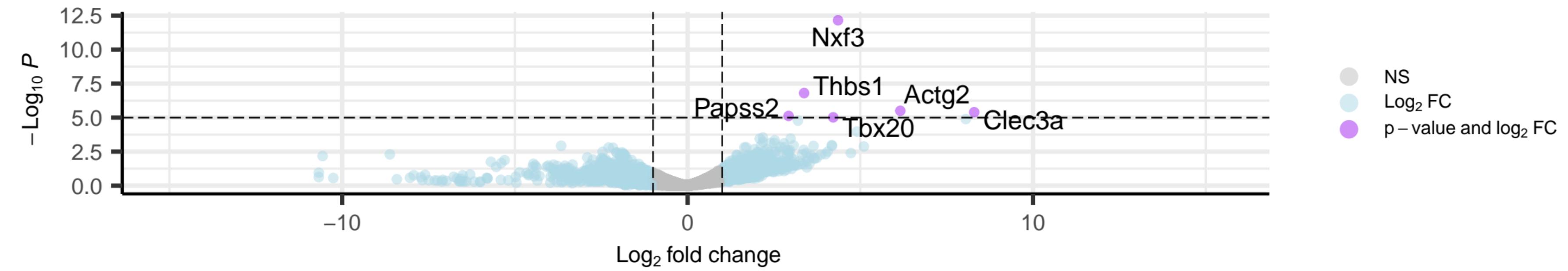
patho_cat_det: 3.4.G vs. 3.4.LMG



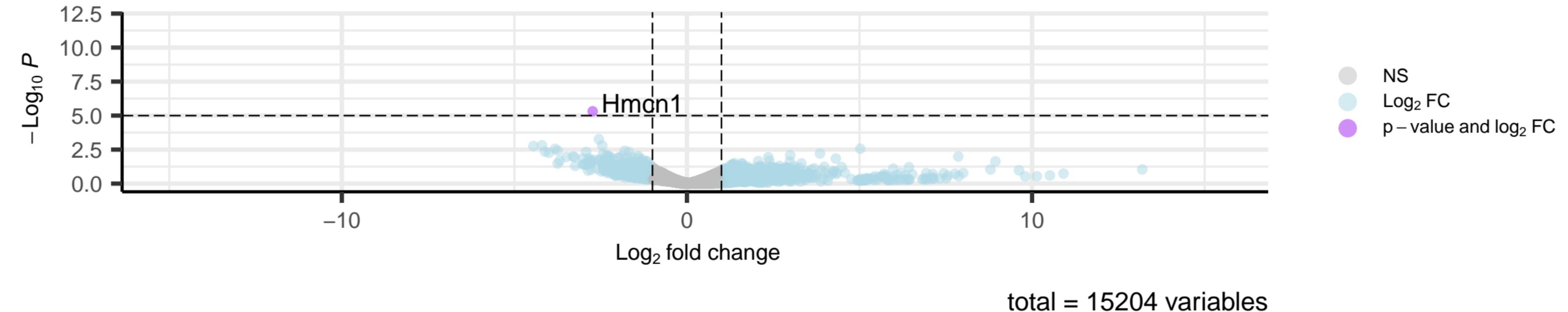
patho_cat_det: 3.4.G vs. 4.2.D



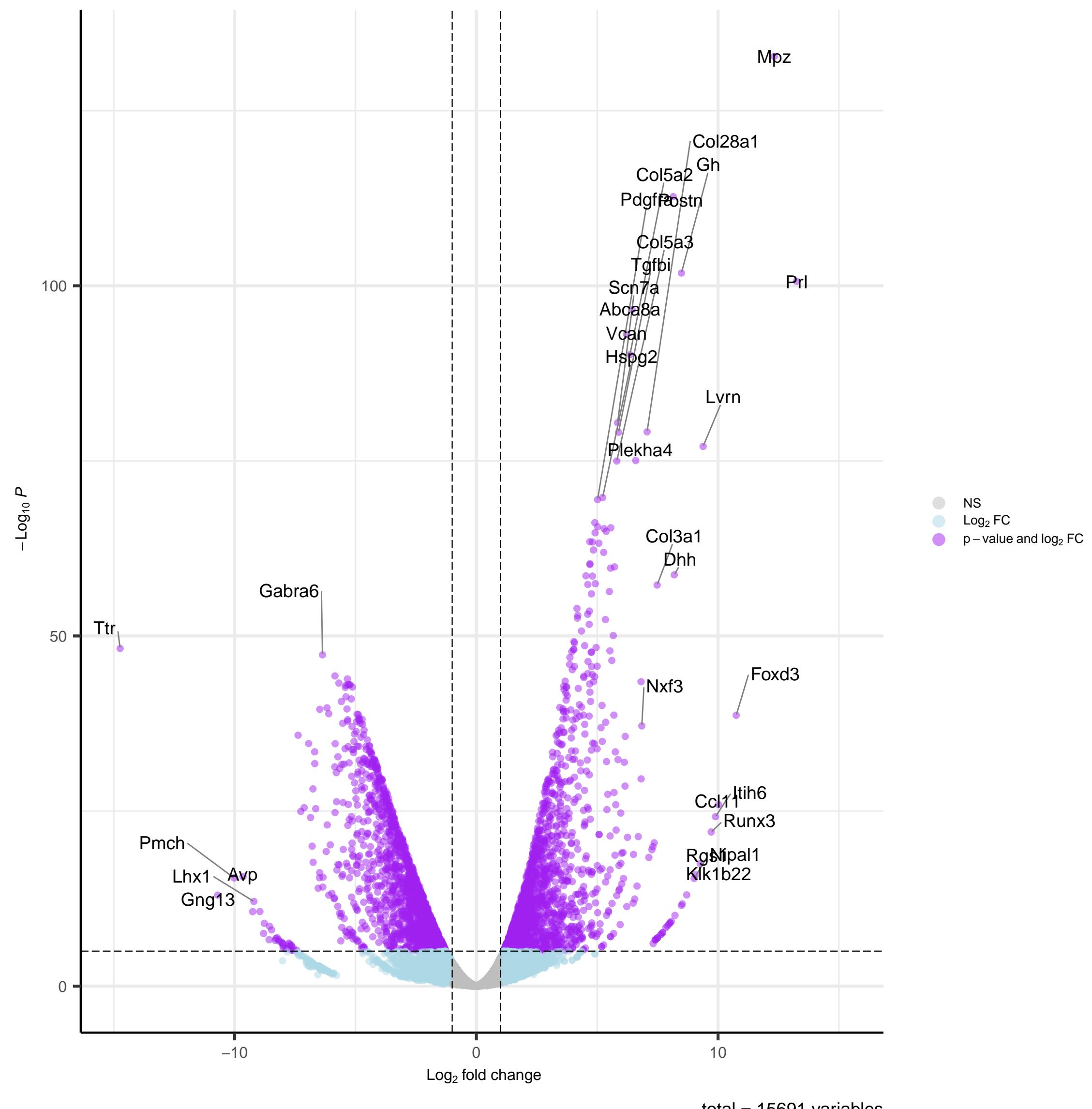
patho_cat_det: 3.4.G vs. 4.N.NOS



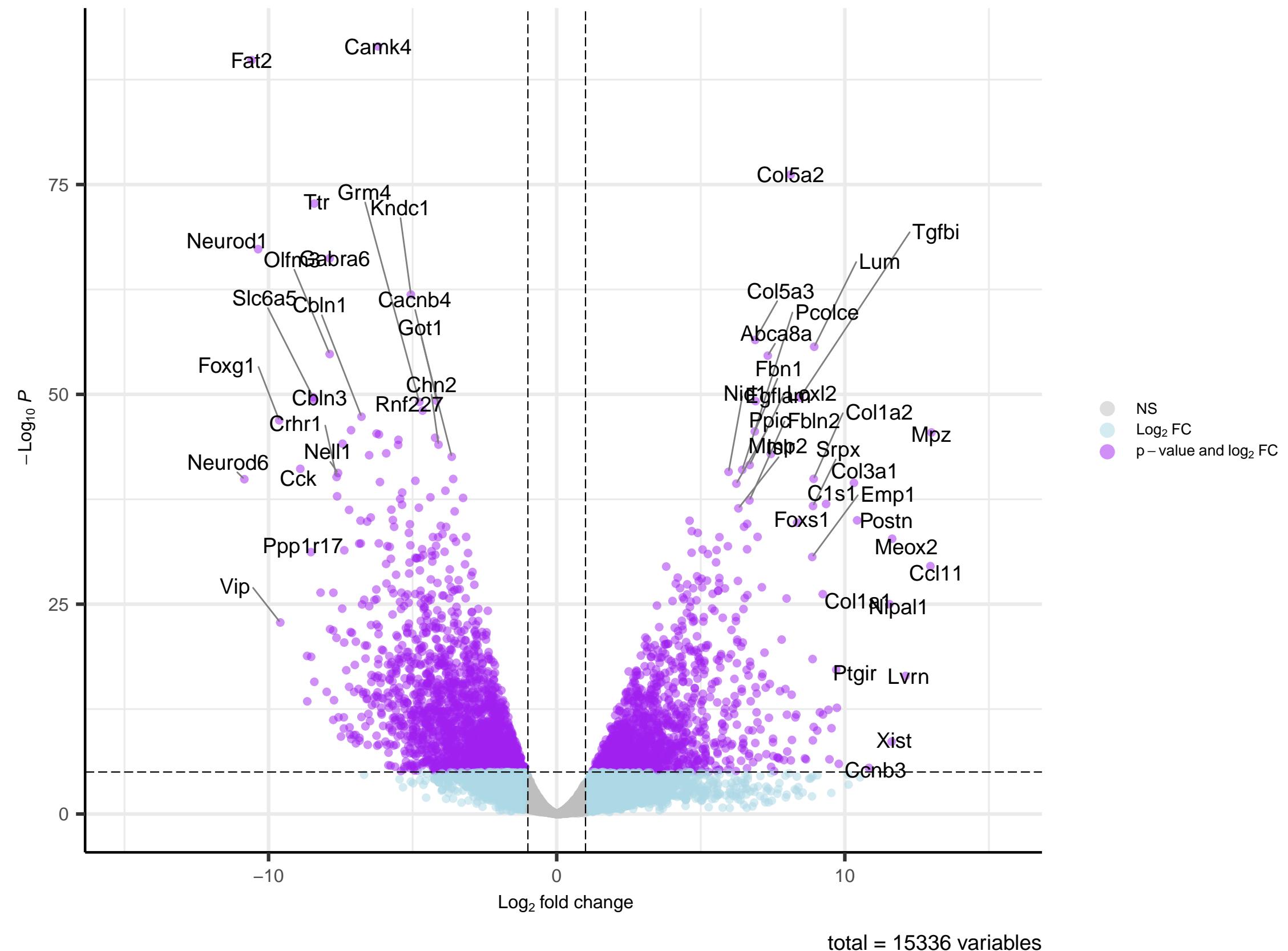
patho_cat_det: 3.4 vs. 3.4.G



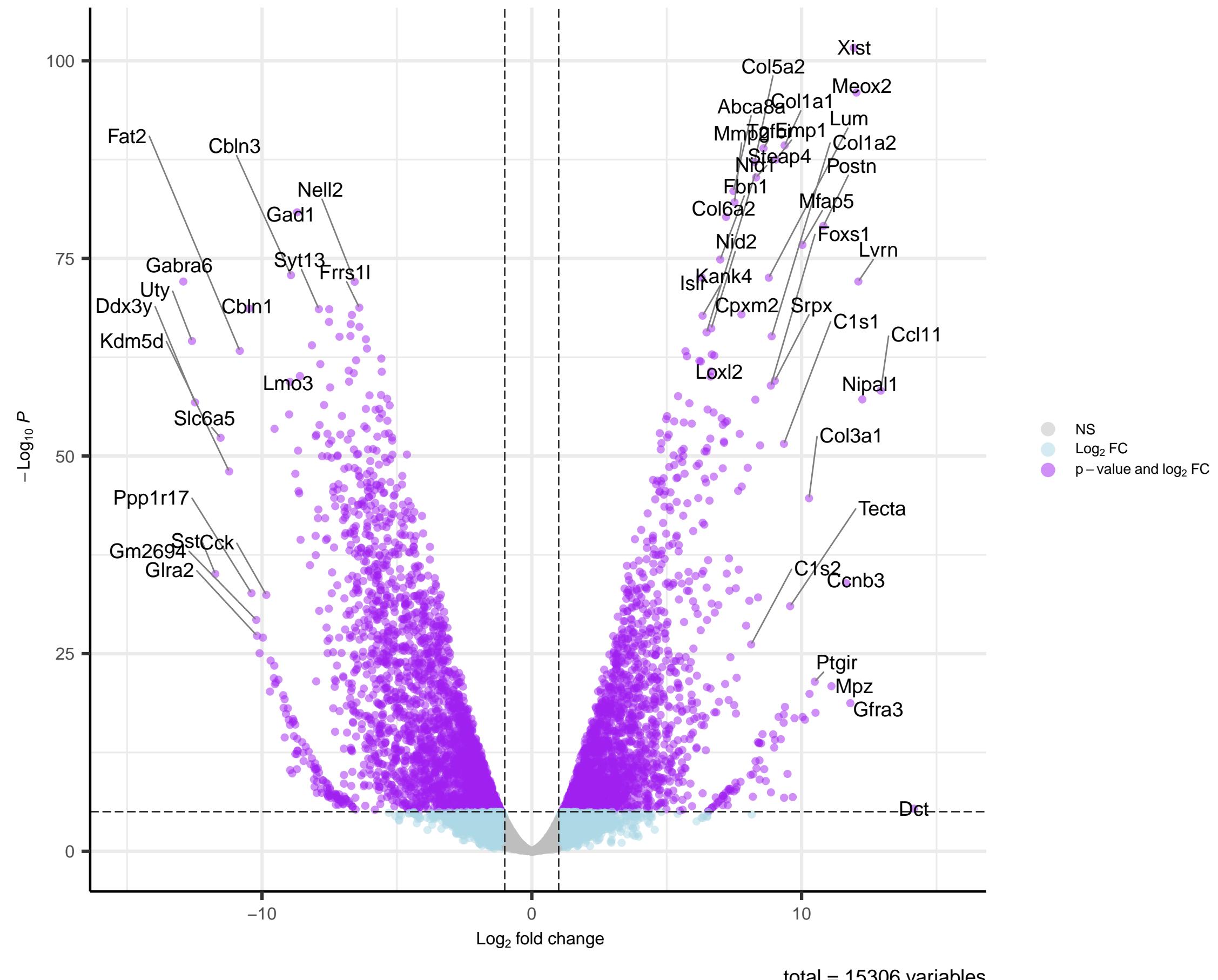
patho_cat_det: NED vs. 1.2.AF



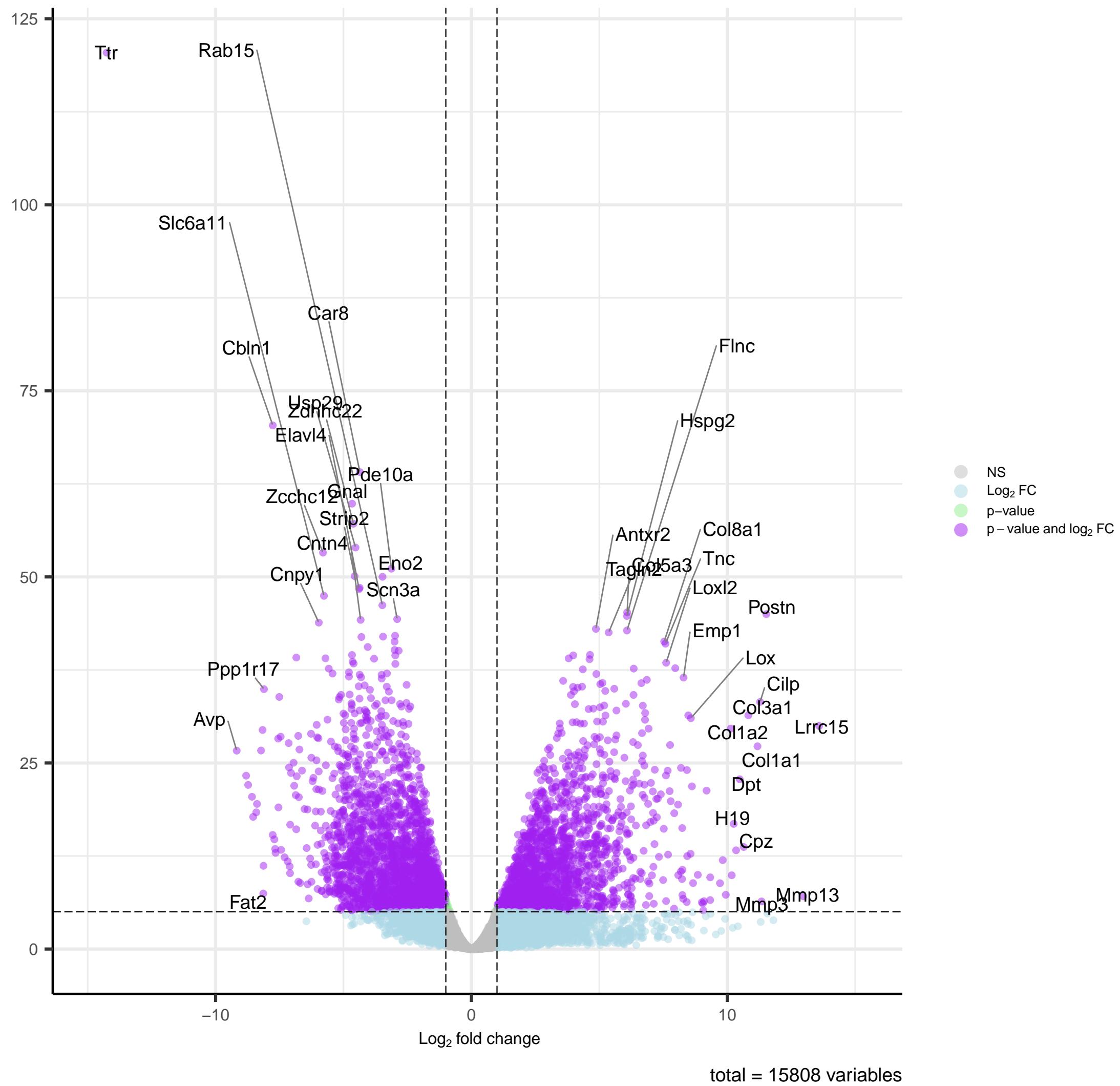
patho_cat_det: NED vs. 1.2.NOS



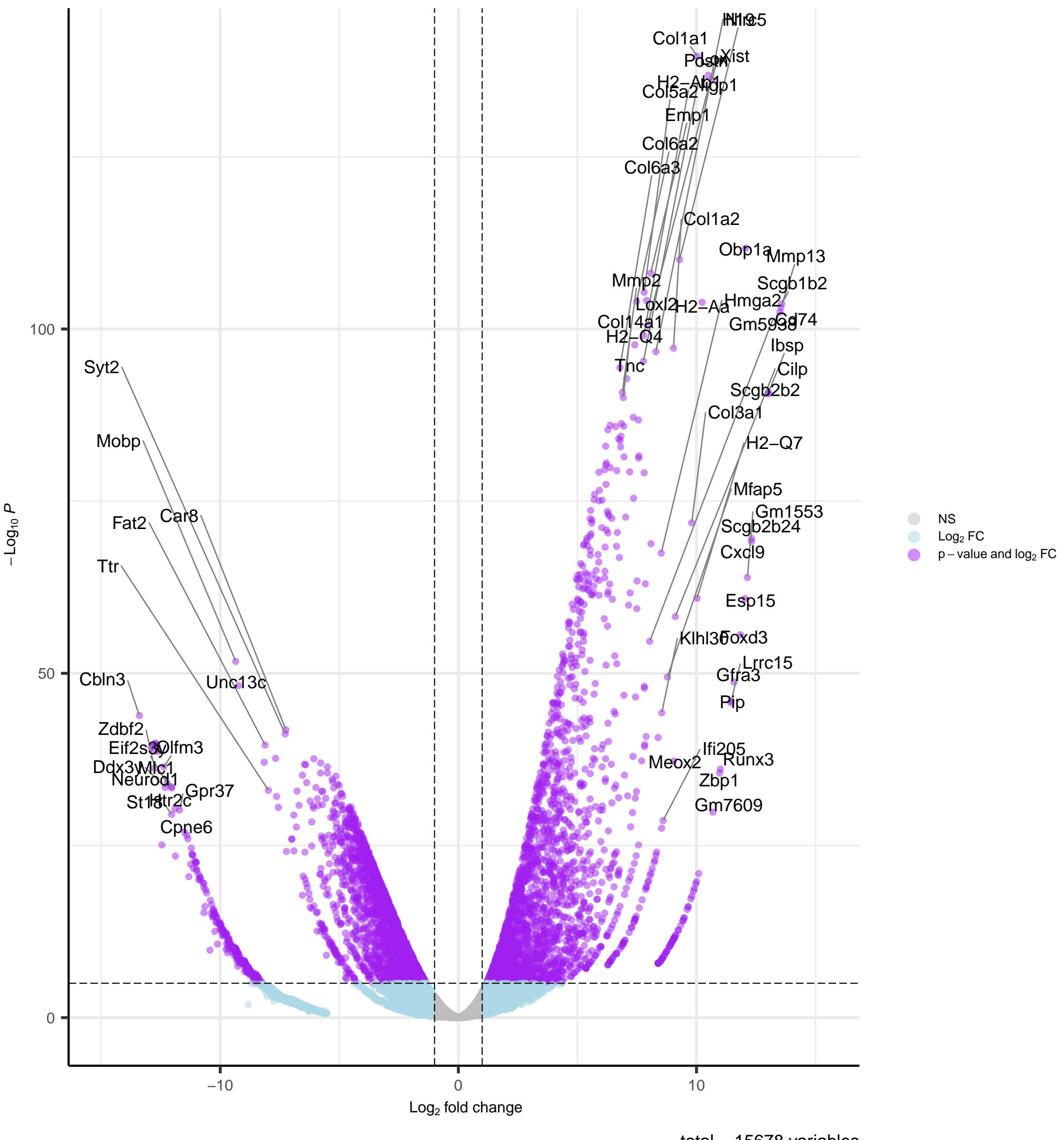
patho_cat_det: NED vs. 1.4.NOS



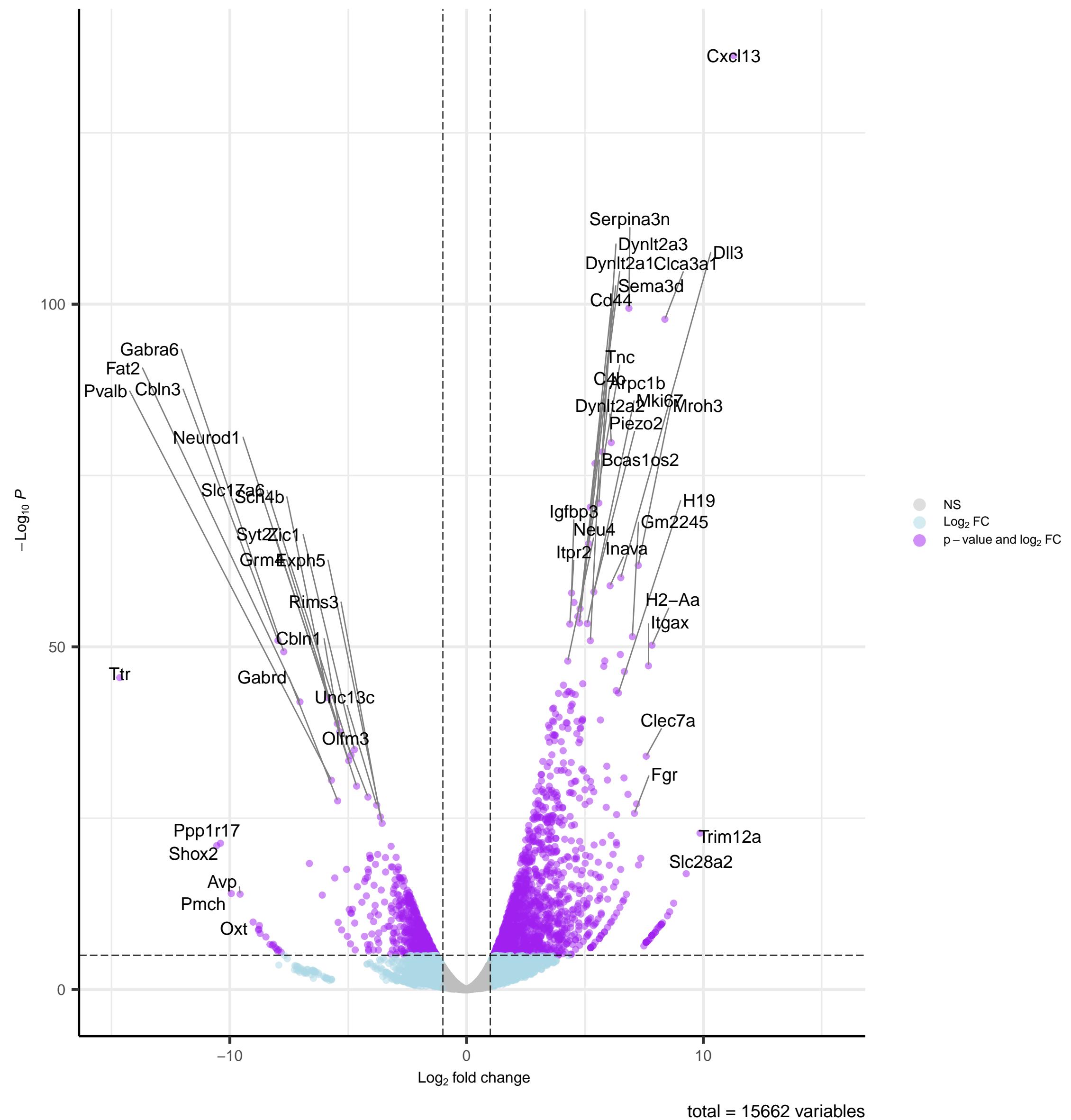
patho_cat_det: NED vs. 2.4.NOS



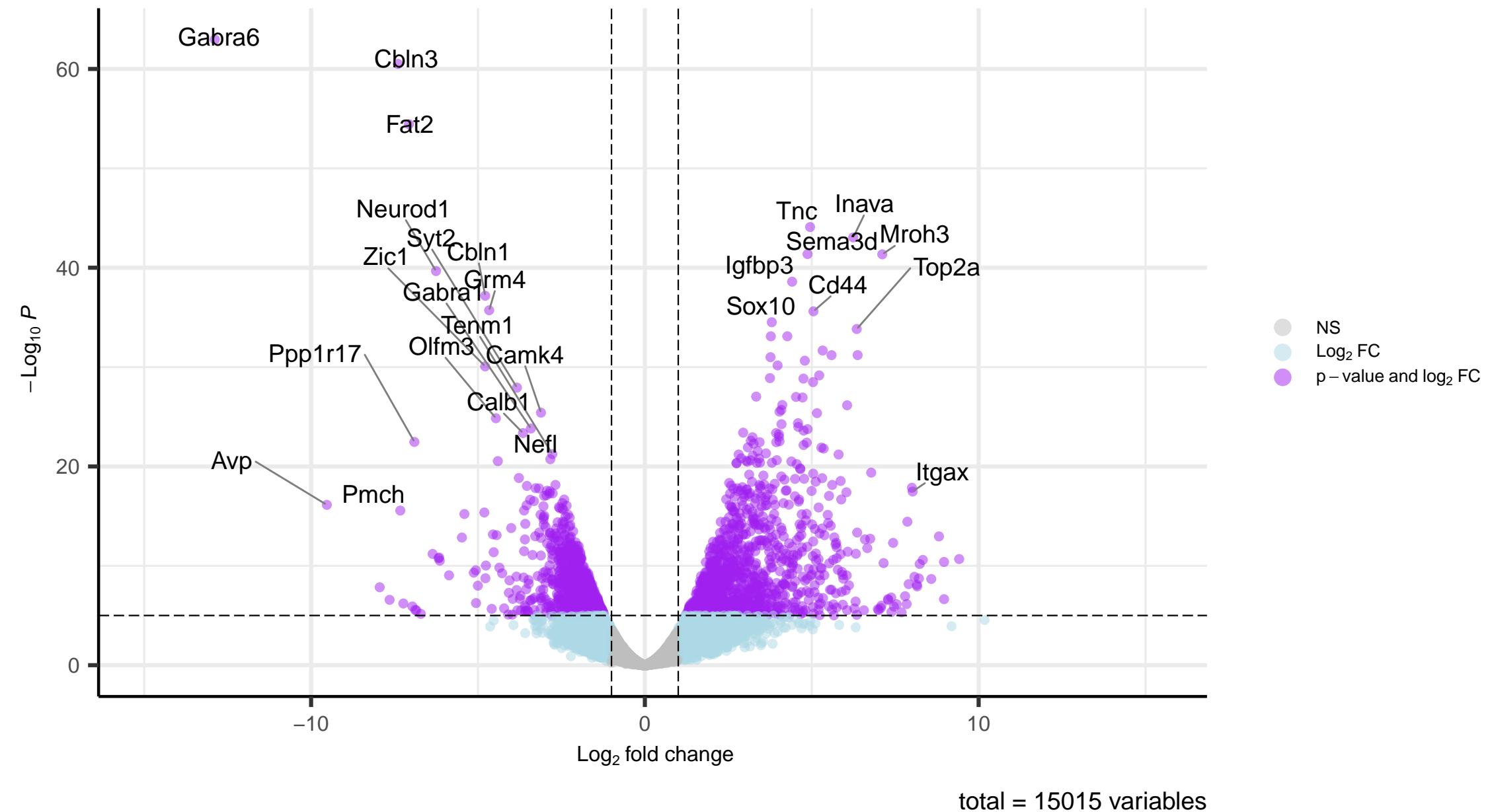
patho_cat_det: NED vs. 2.4.OF



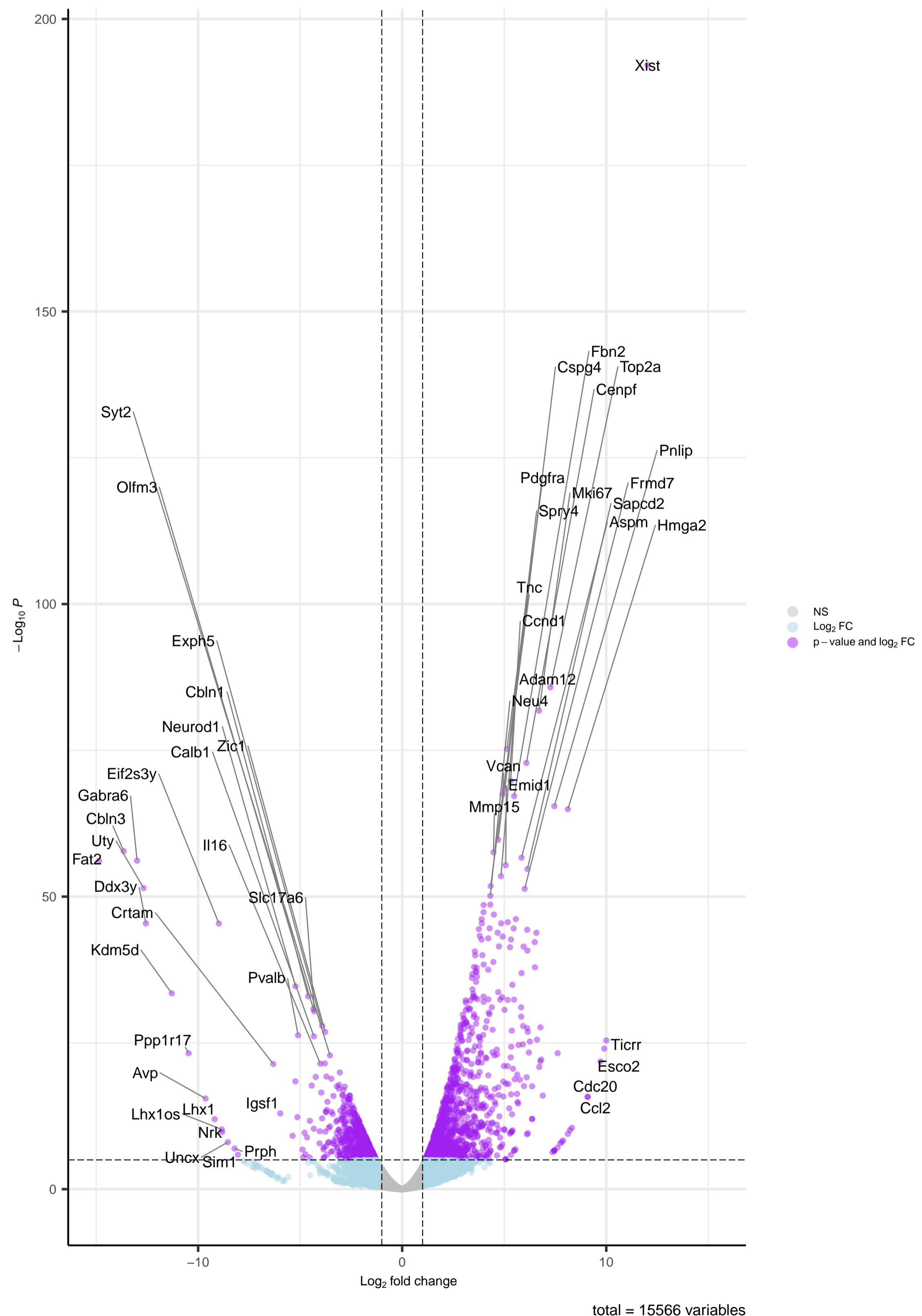
patho_cat_det: NED vs. 3.2



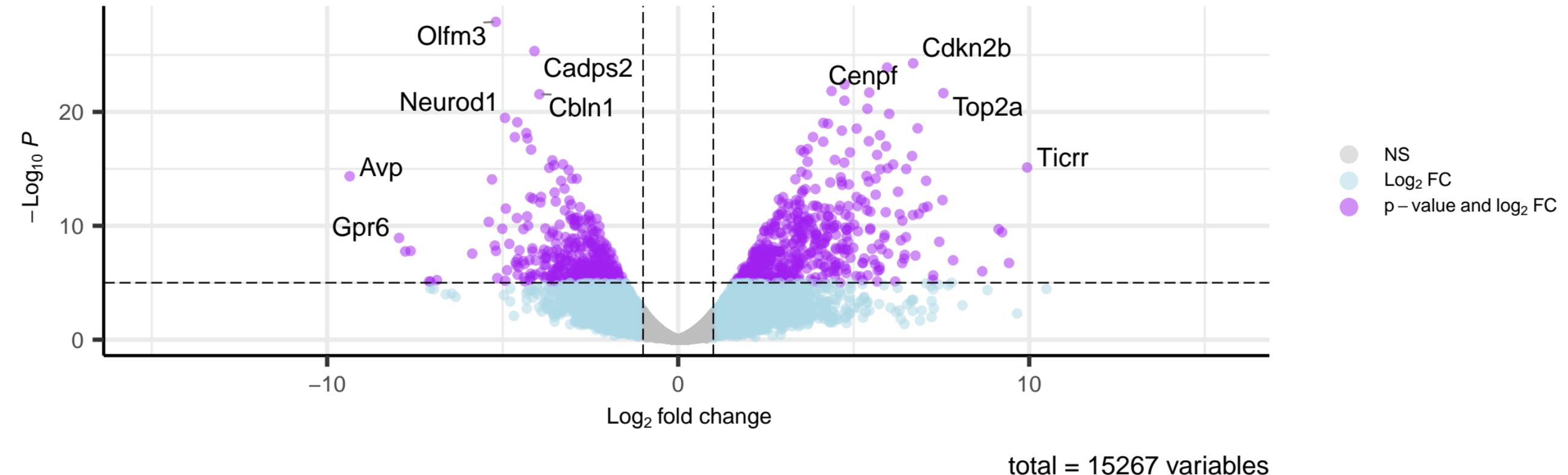
patho_cat_det: NED vs. 3.3



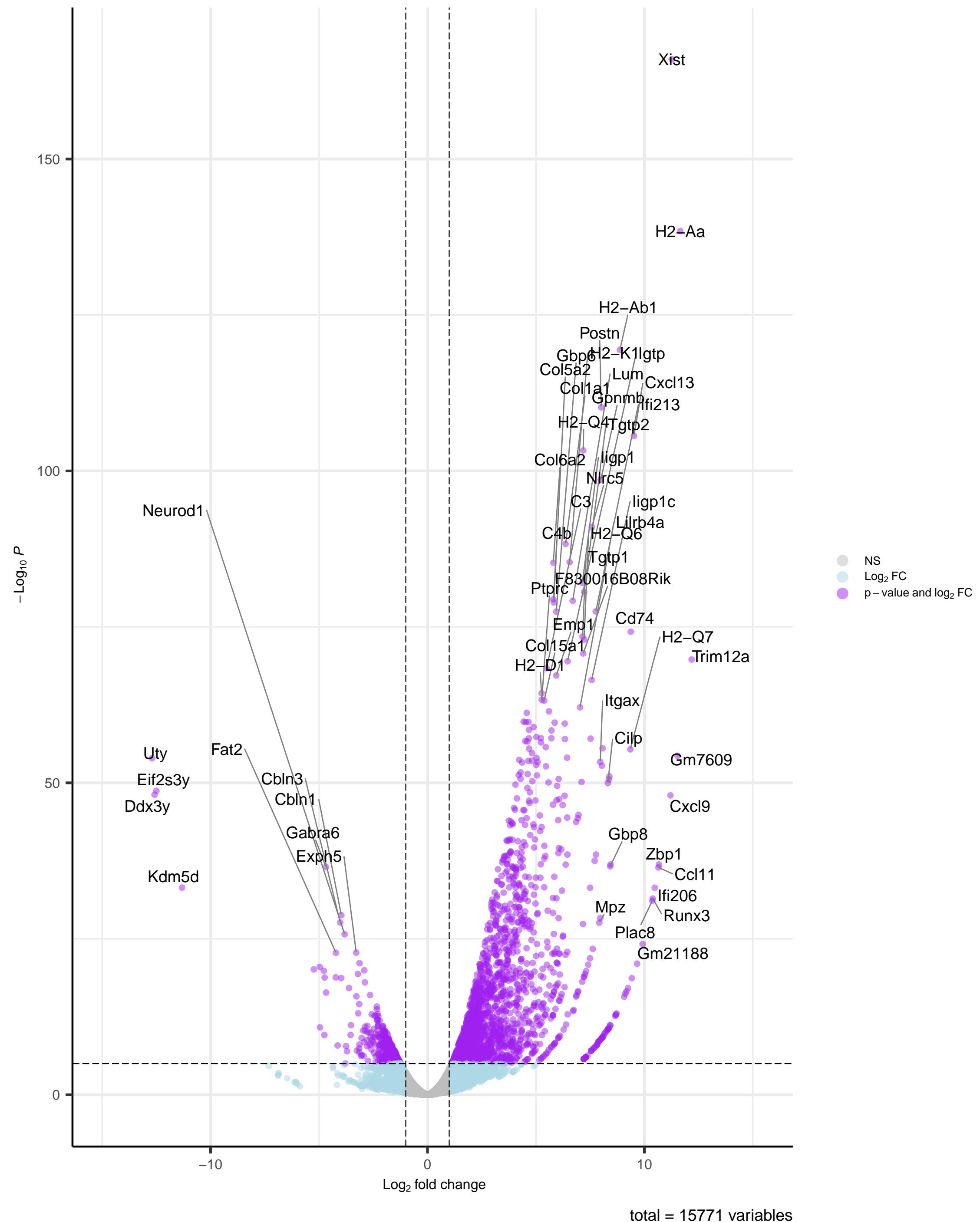
patho_cat_det: NED vs. 3.4



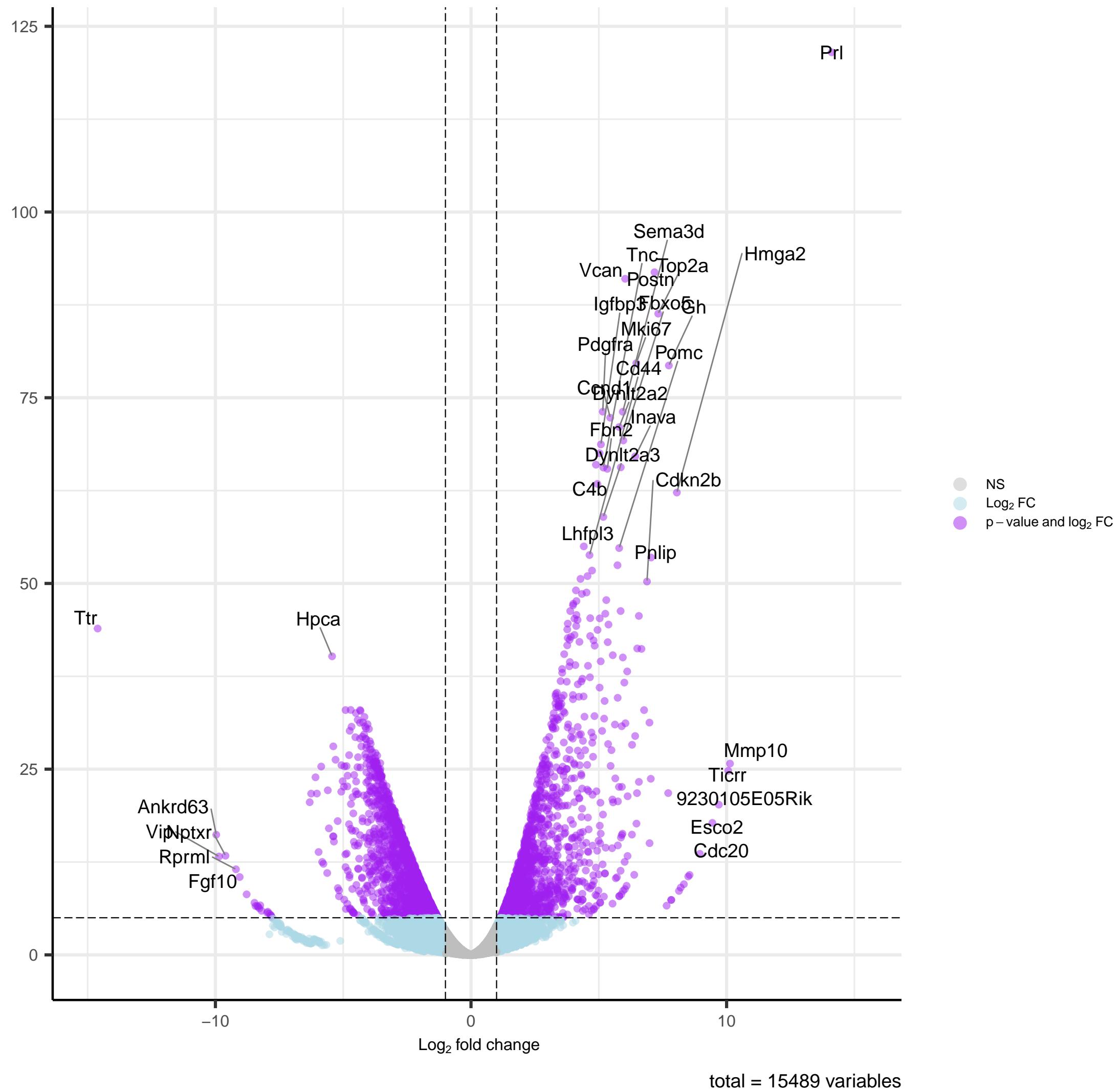
patho_cat_det: NED vs. 3.4.G



patho_cat_det: NED vs. 3.4.GSC



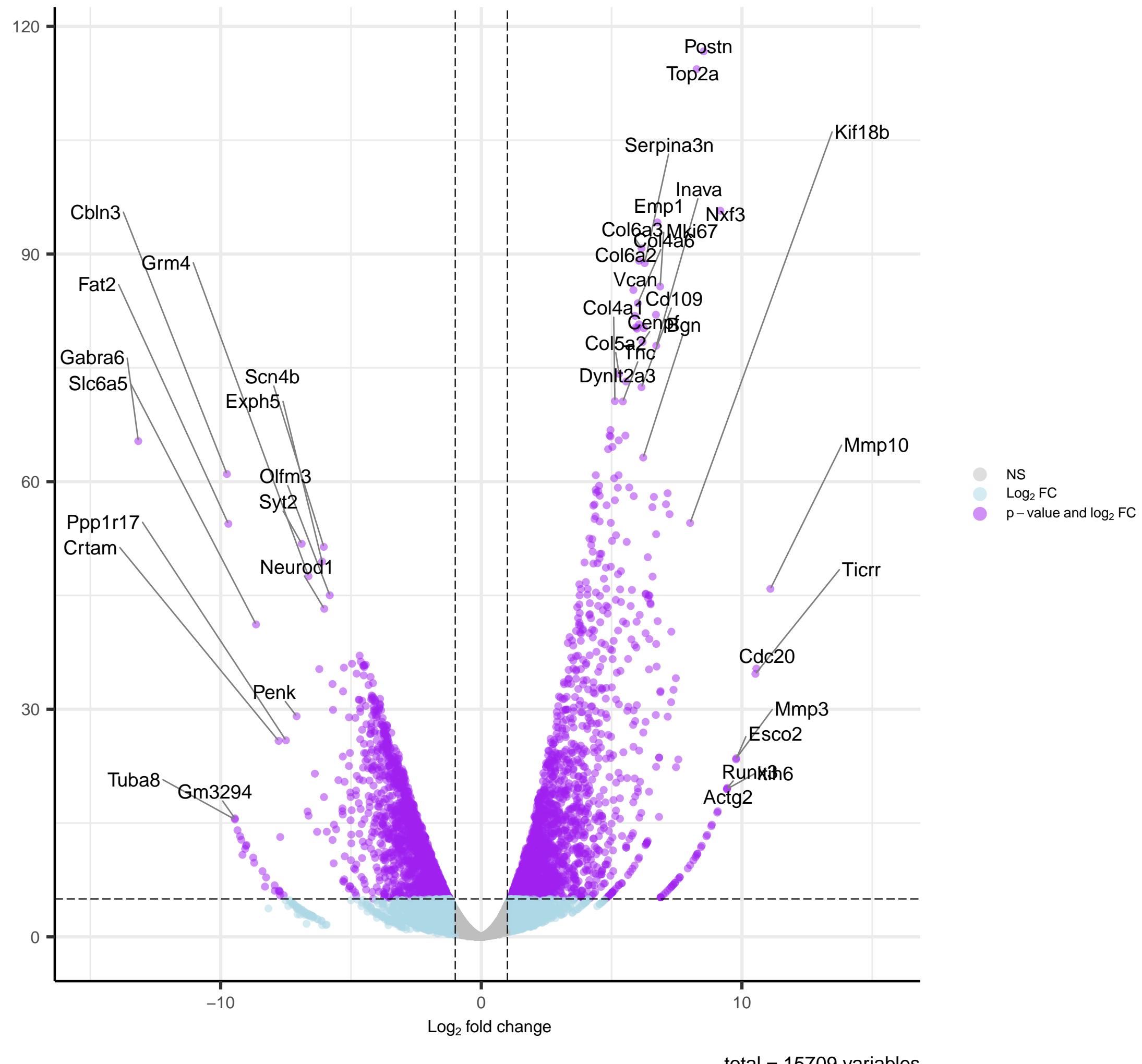
patho_cat_det: NED vs. 3.4.LMG



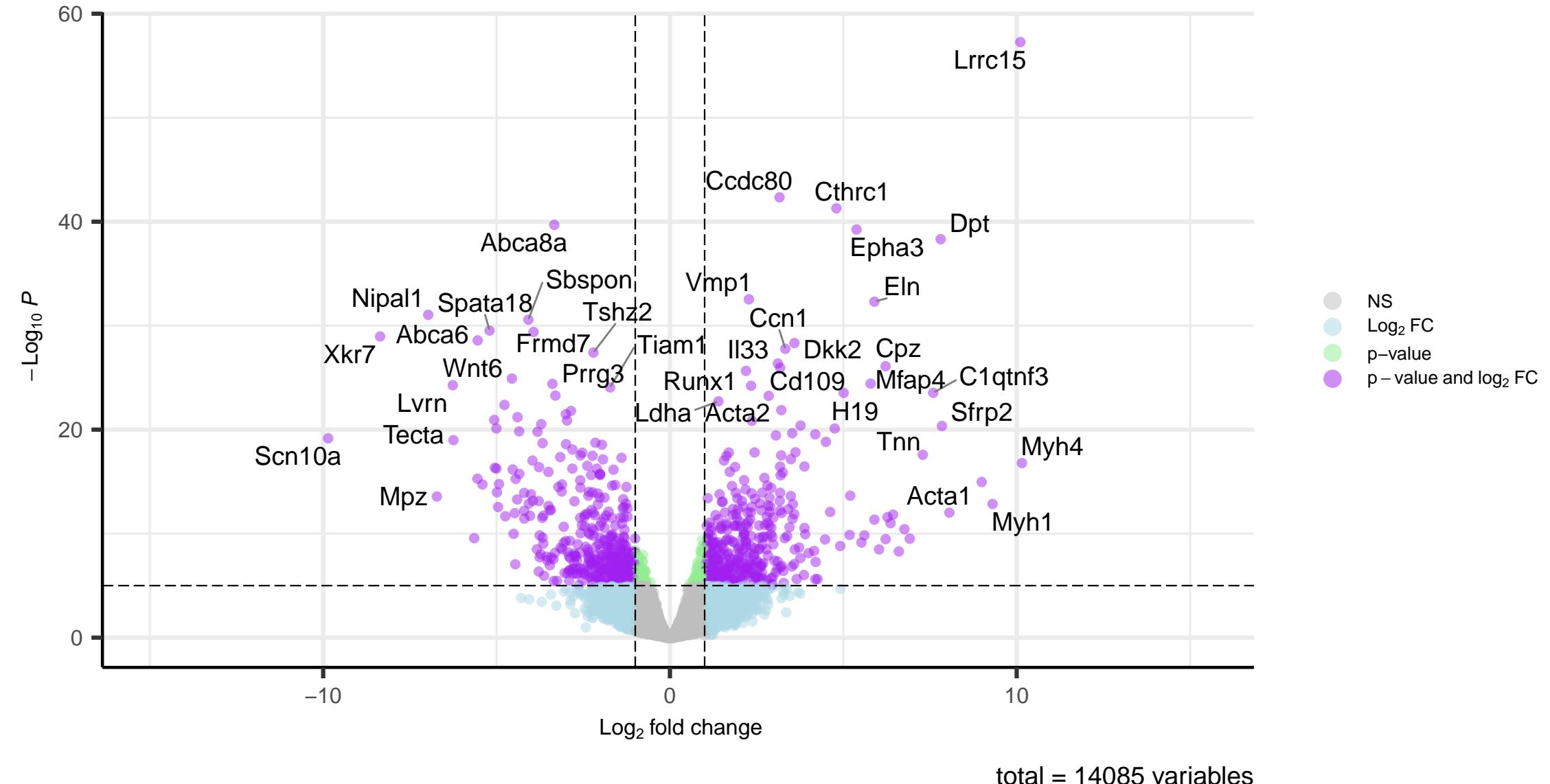
patho_cat_det: NED vs. 4.2.D



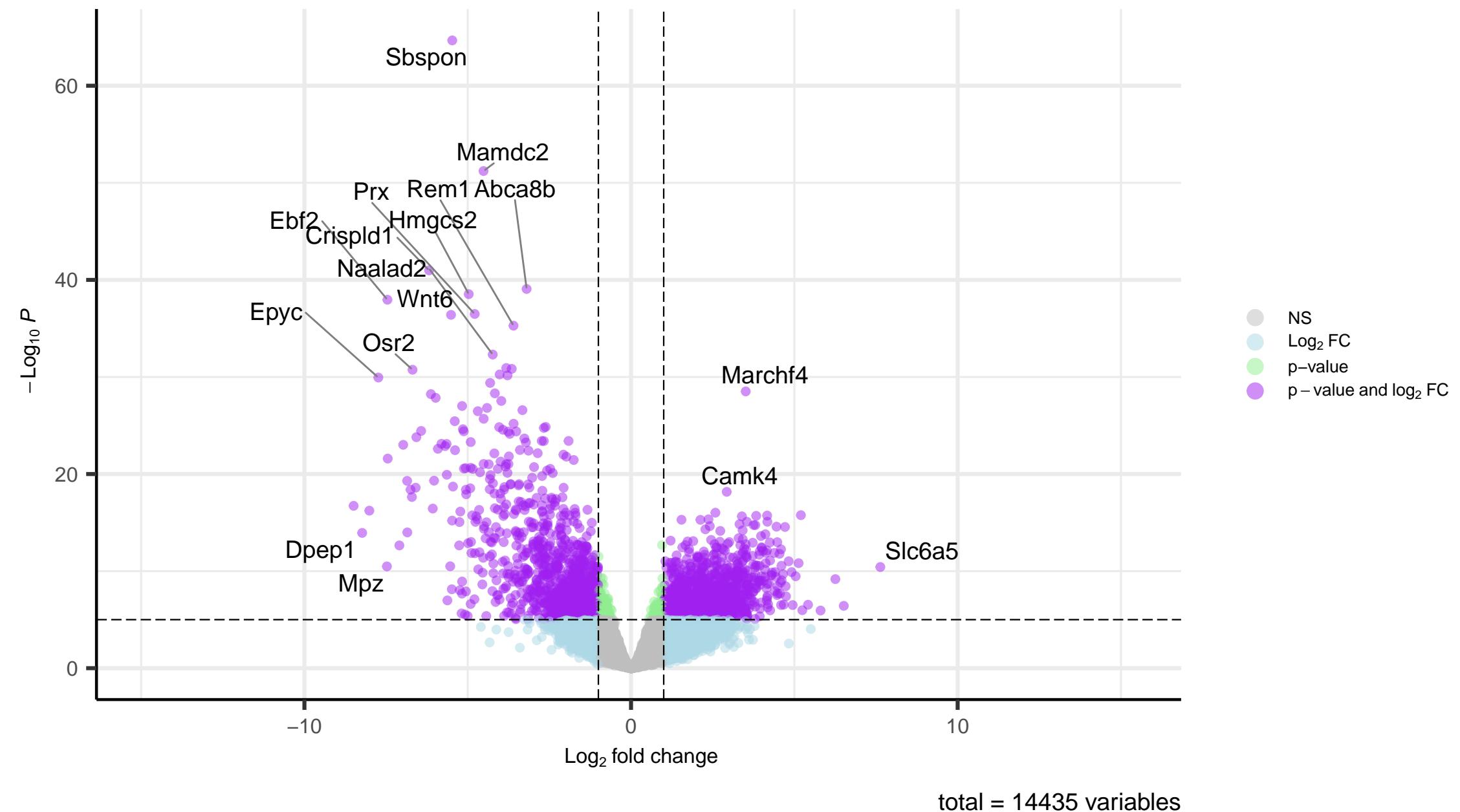
patho_cat_det: NED vs. 4.N.NOS



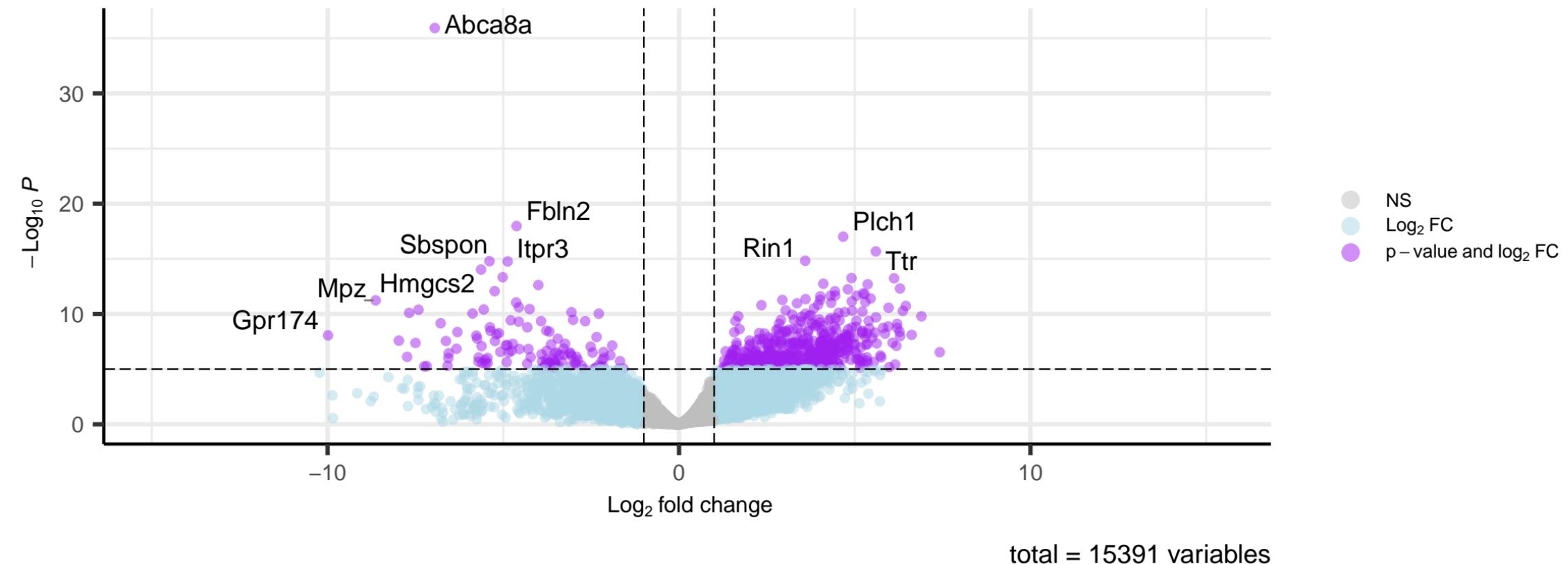
patho_cat: 1 vs. 2



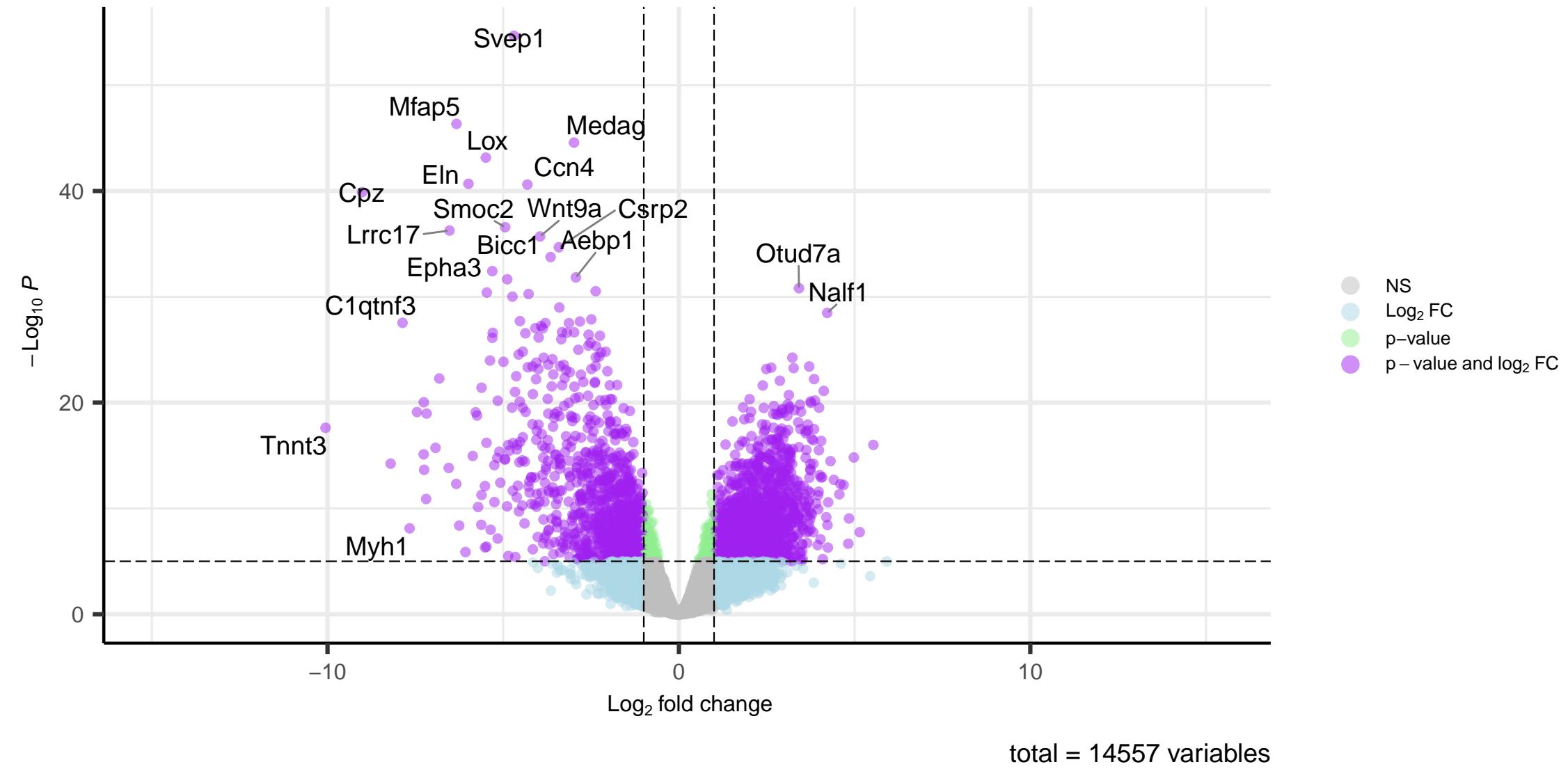
patho_cat: 1 vs. 3



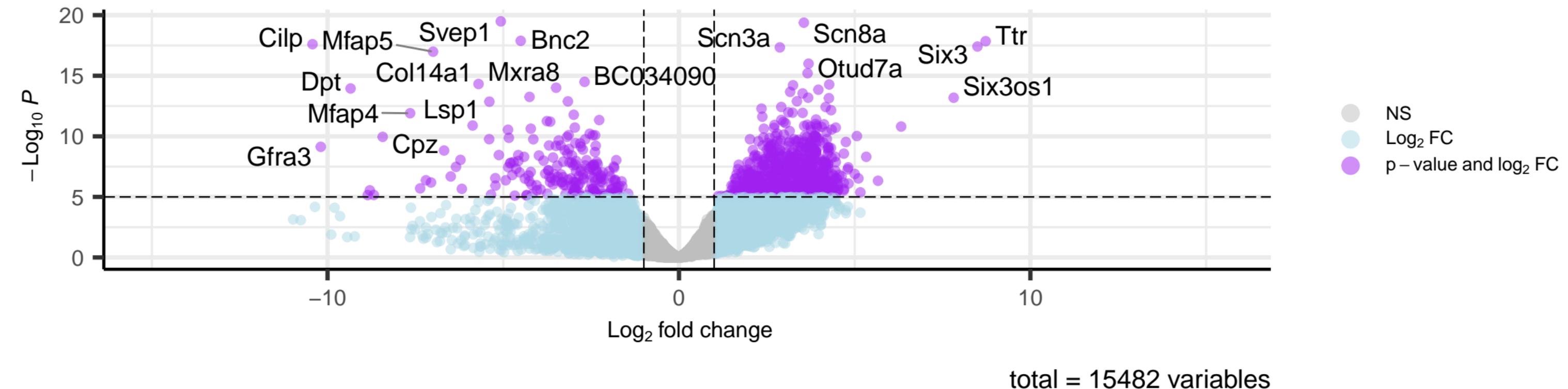
patho_cat: 1 vs. 4



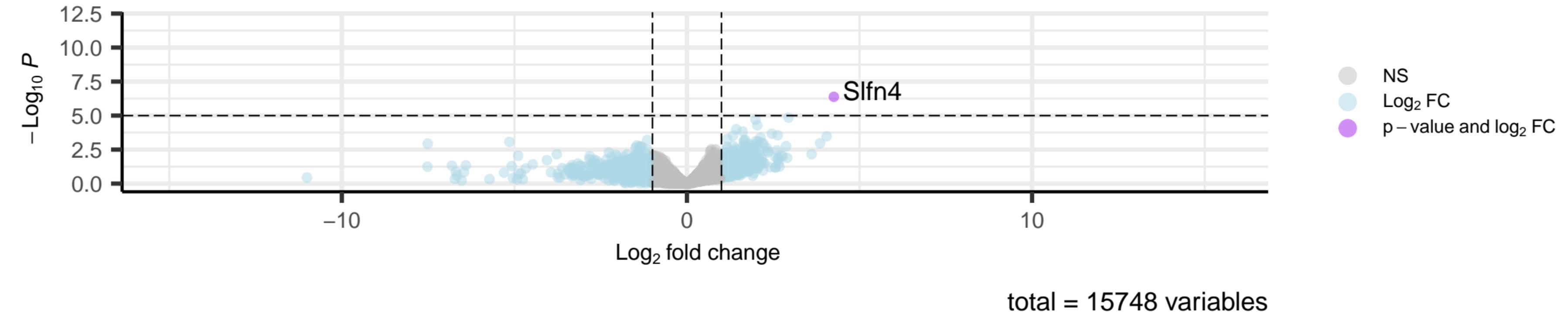
patho_cat: 2 vs. 3



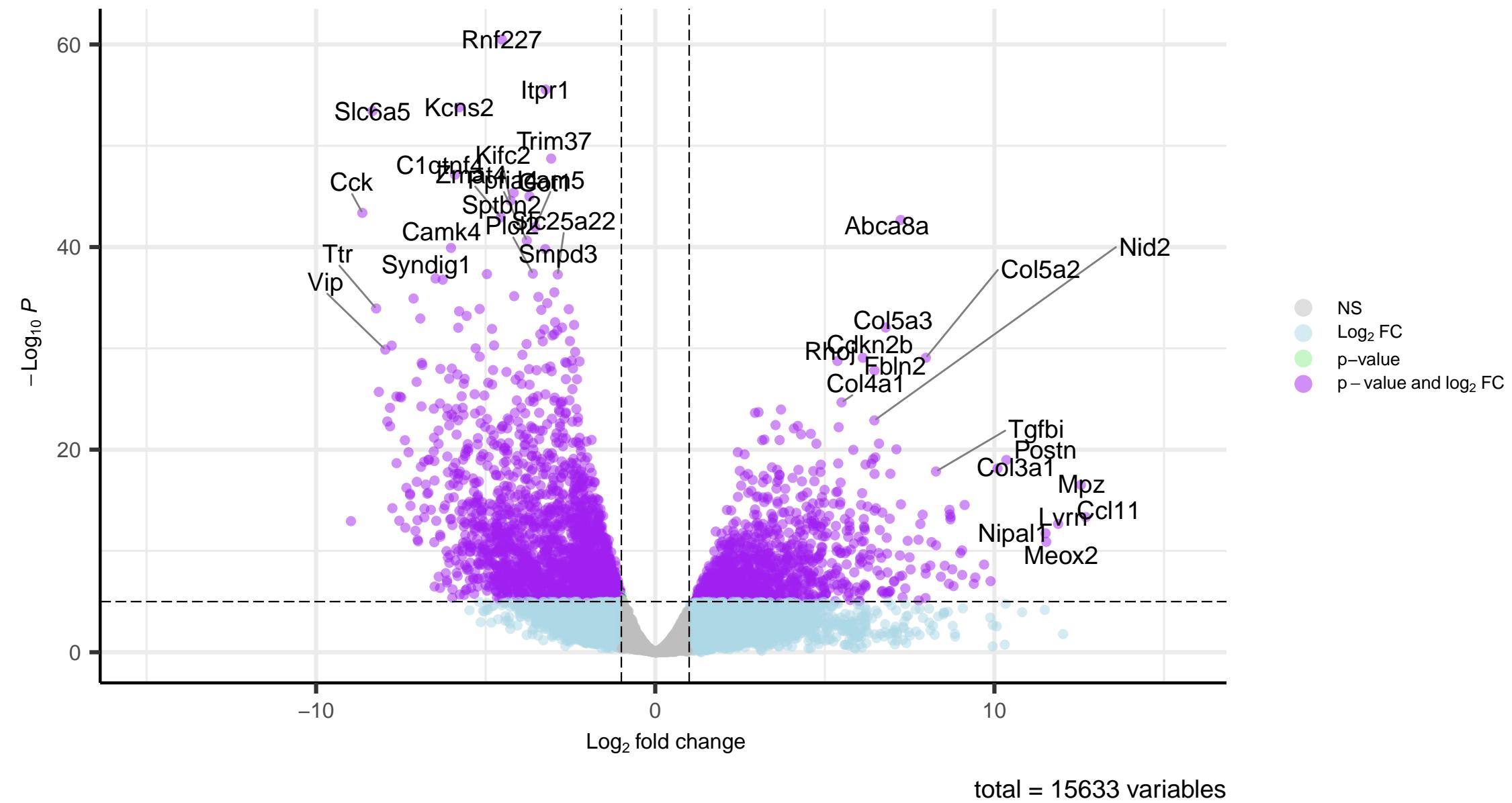
patho_cat: 2 vs. 4



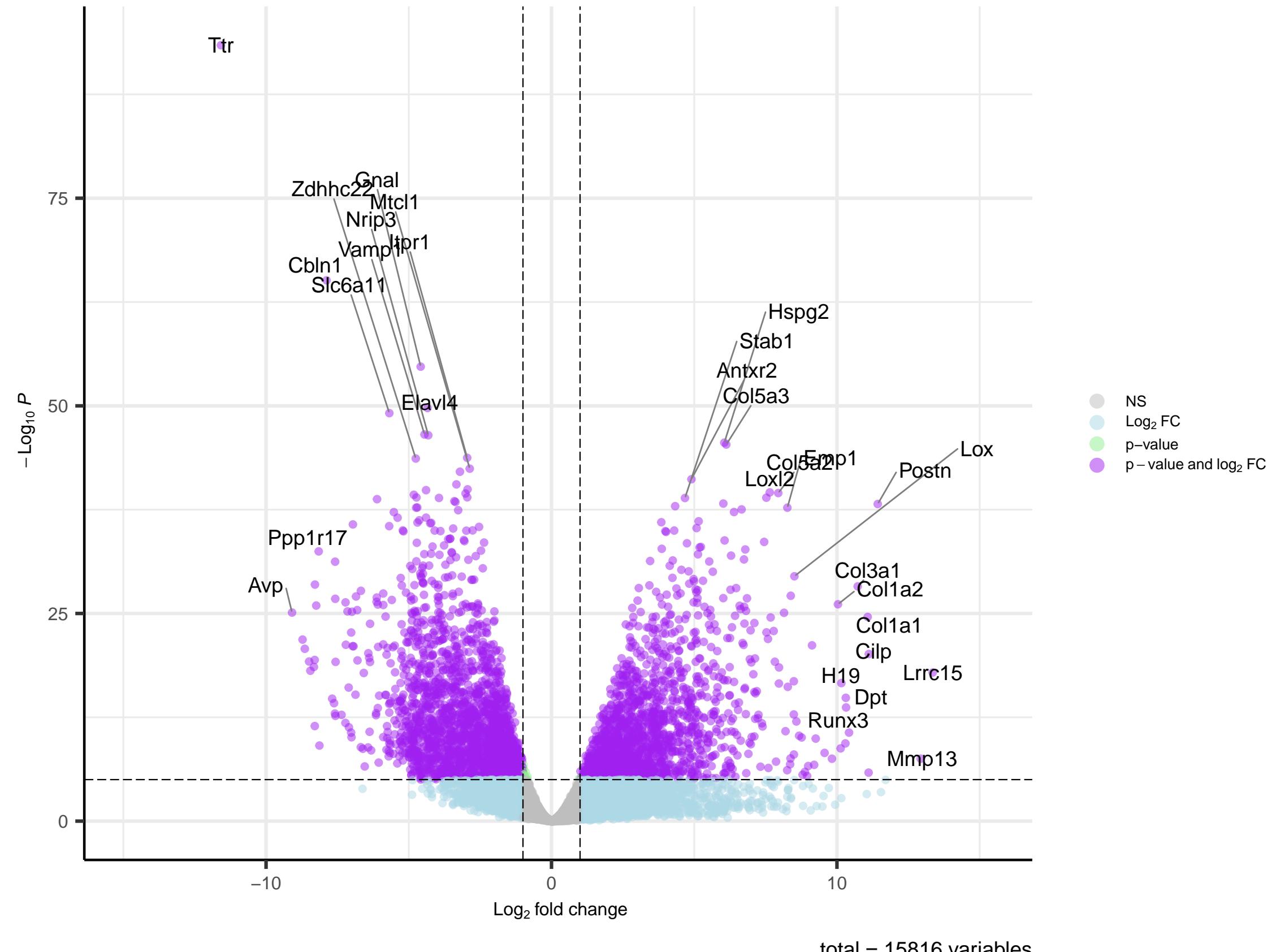
patho_cat: 3 vs. 4



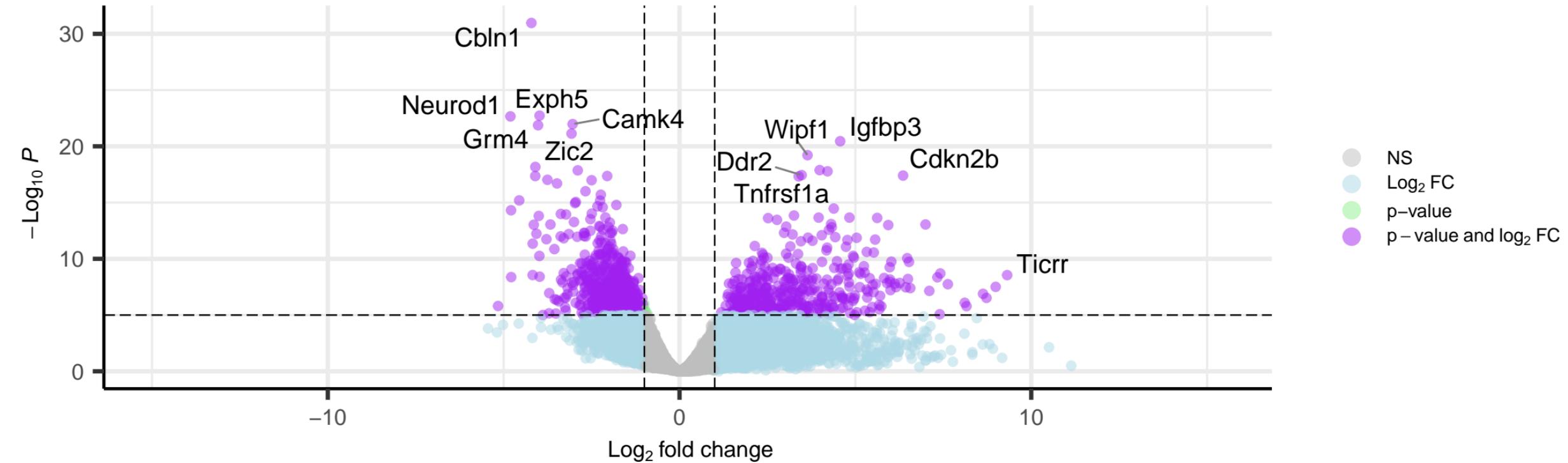
patho_cat: NED vs. 1



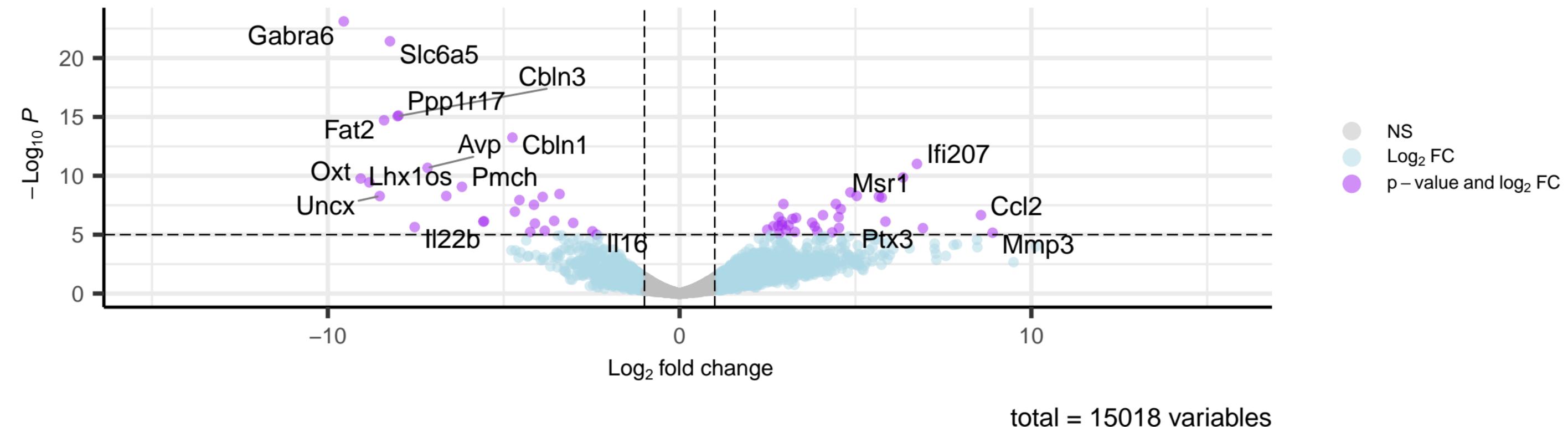
patho_cat: NED vs. 2



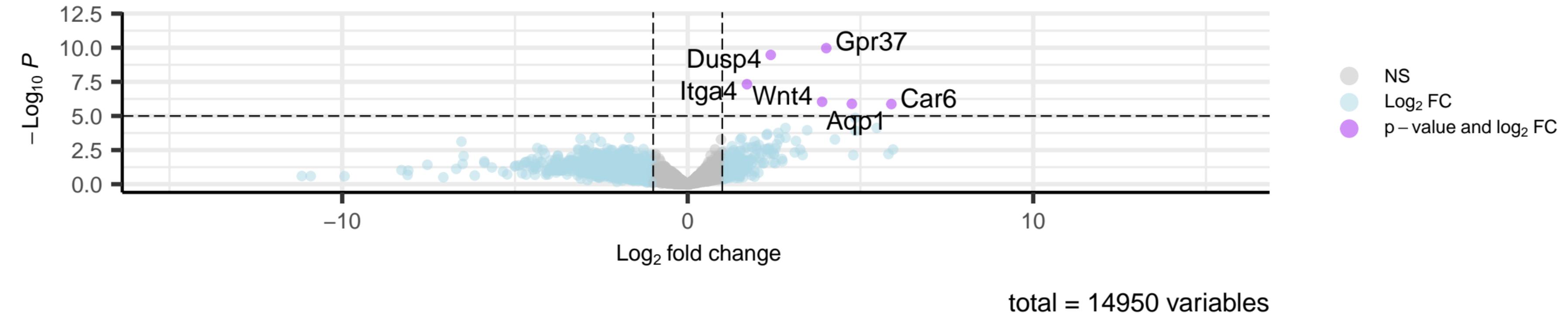
patho_cat: NED vs. 3



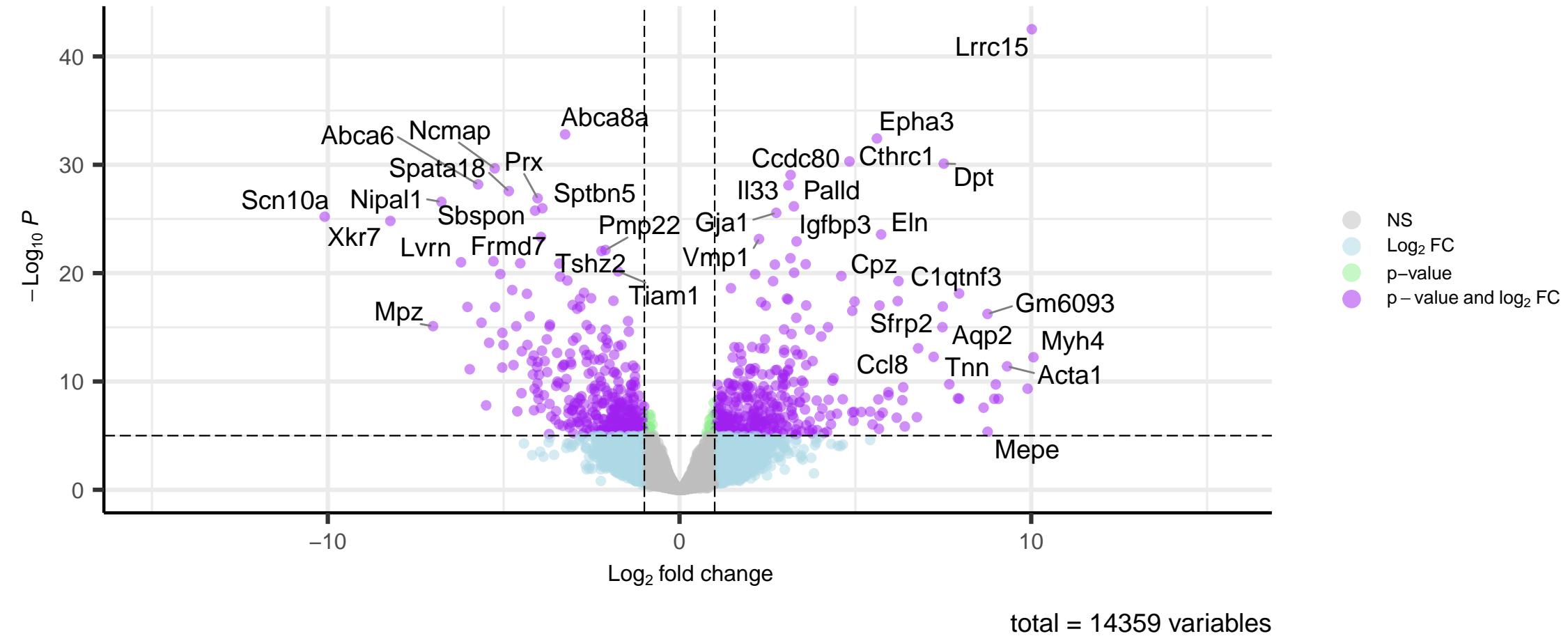
patho_cat: NED vs. 4



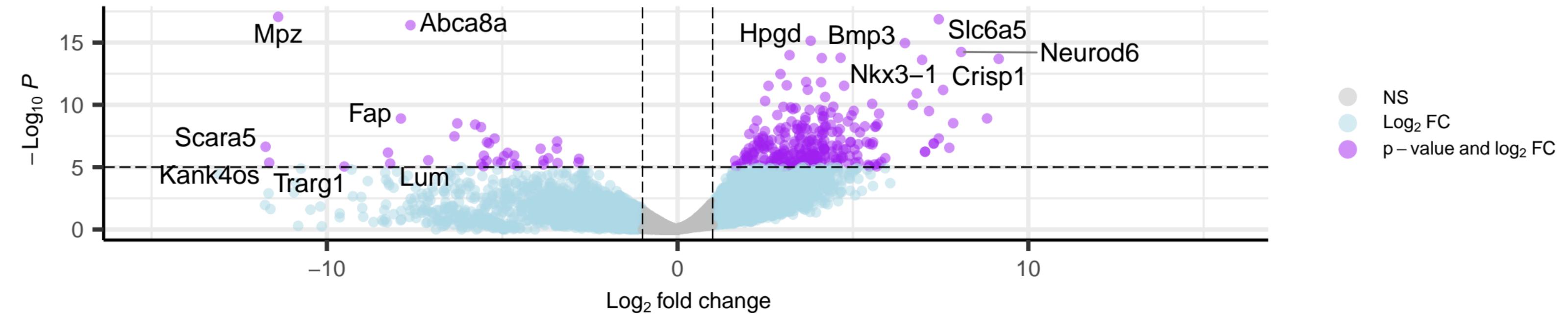
patho_cat2: 1.2 vs. 1.4



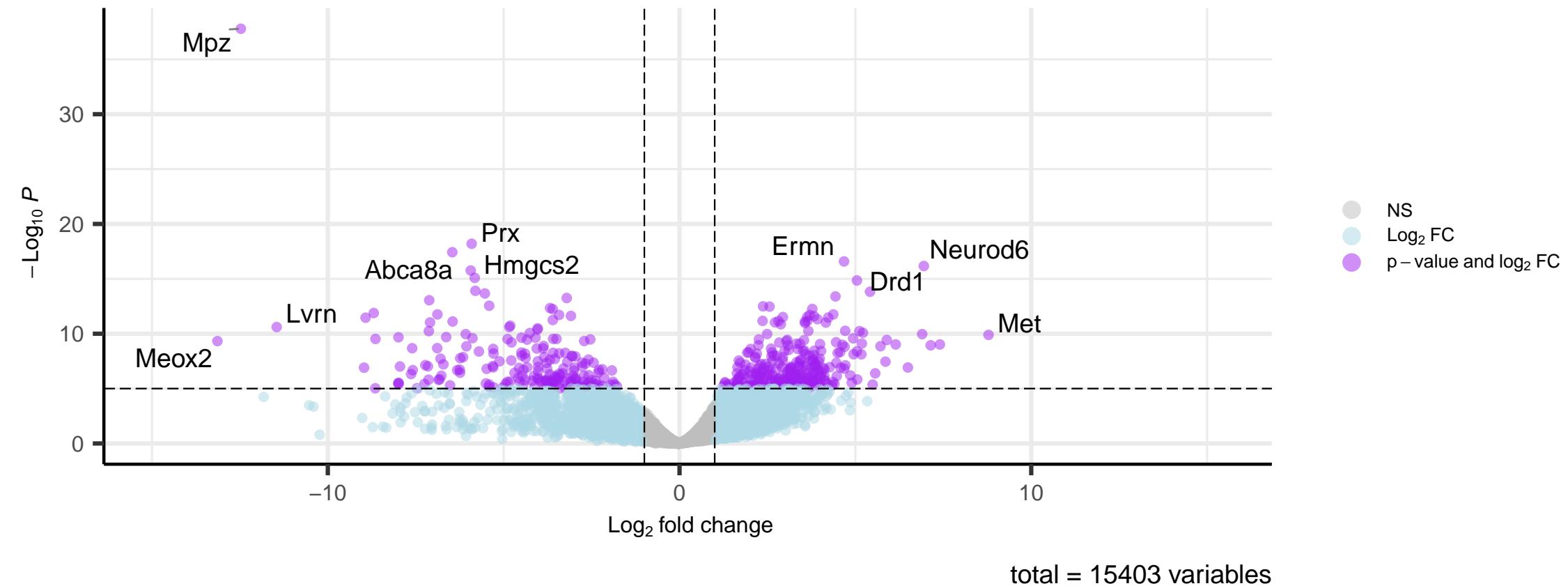
patho_cat2: 1.2 vs. 2.4



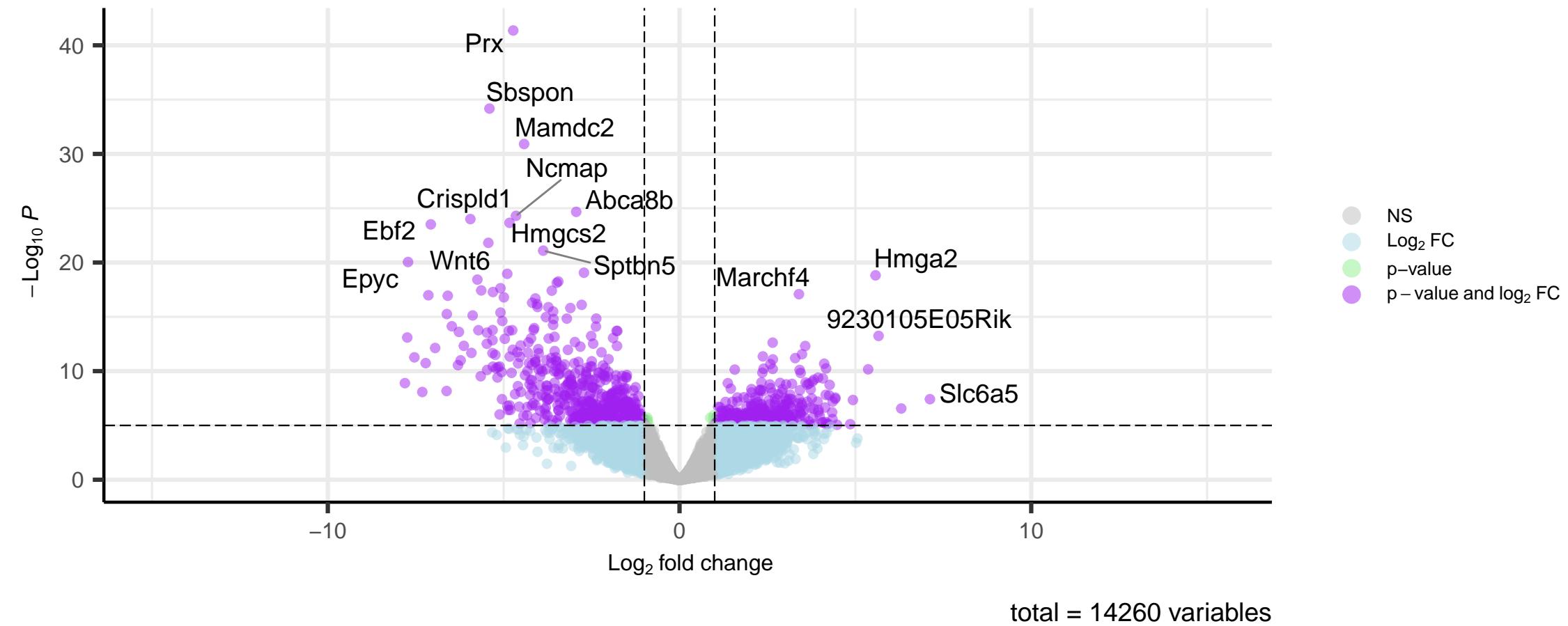
patho_cat2: 1.2 vs. 3.2



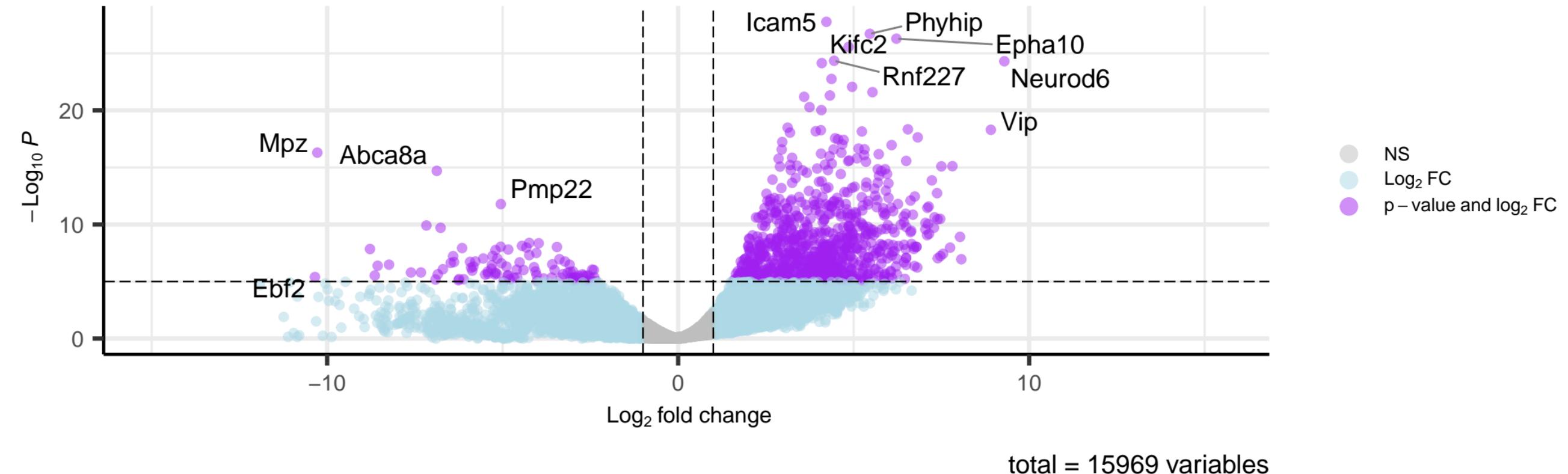
patho_cat2: 1.2 vs. 3.3



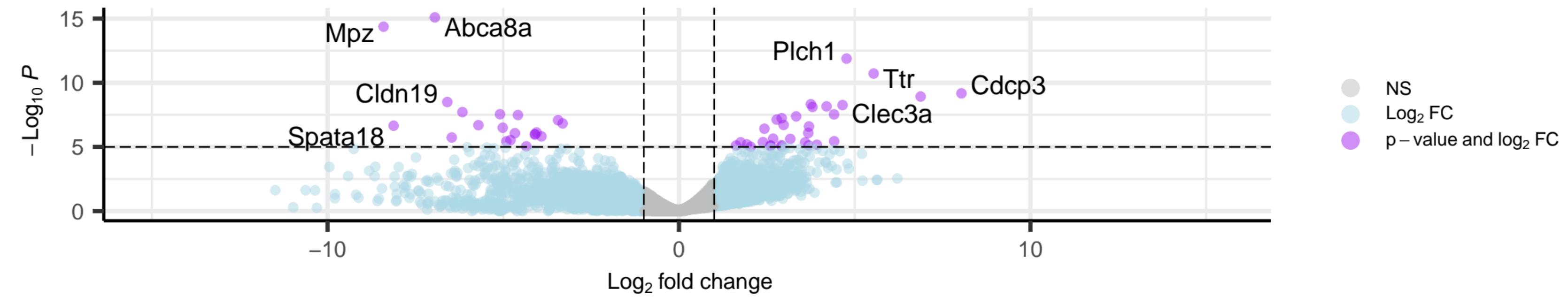
patho_cat2: 1.2 vs. 3.4



patho_cat2: 1.2 vs. 4.2

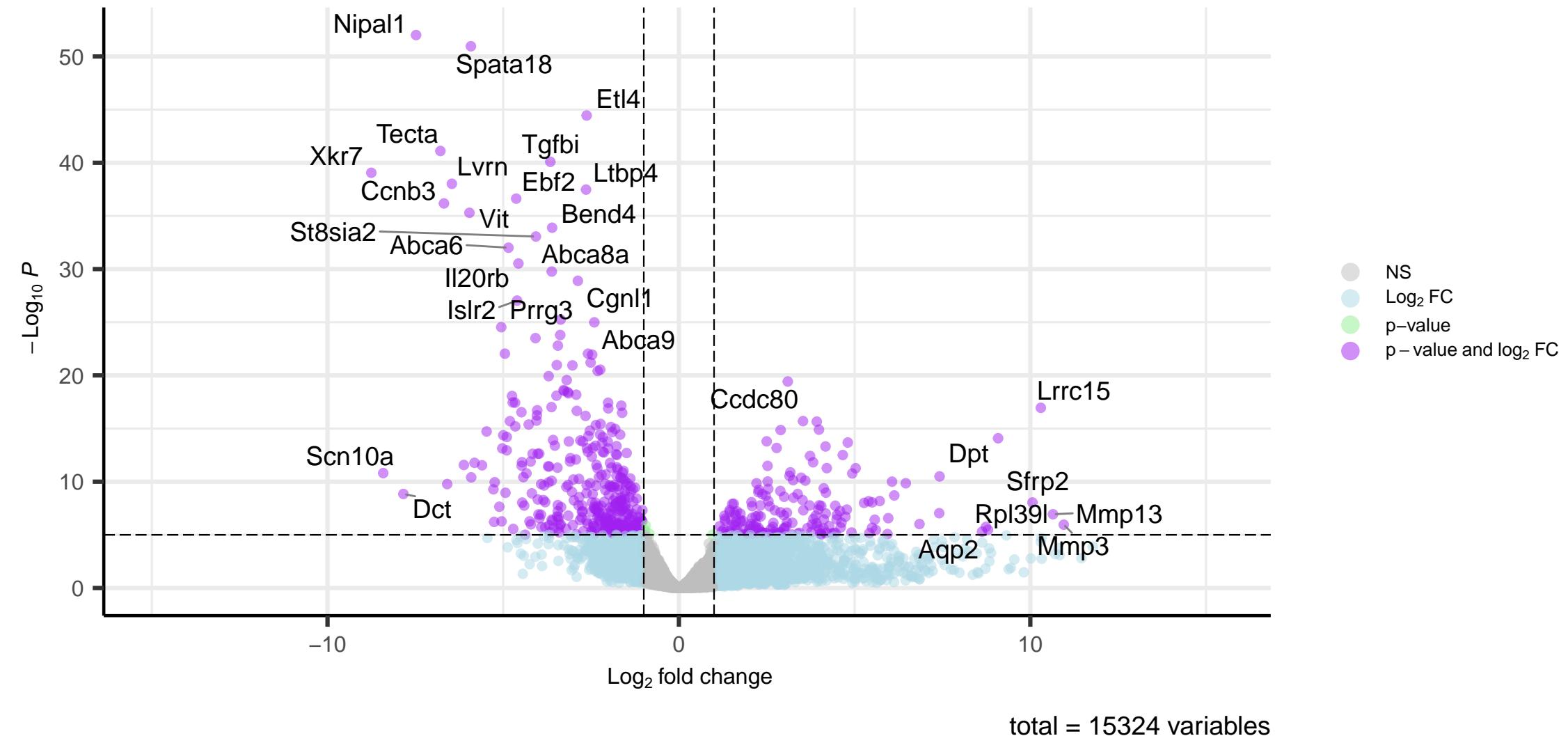


patho_cat2: 1.2 vs. 4.N

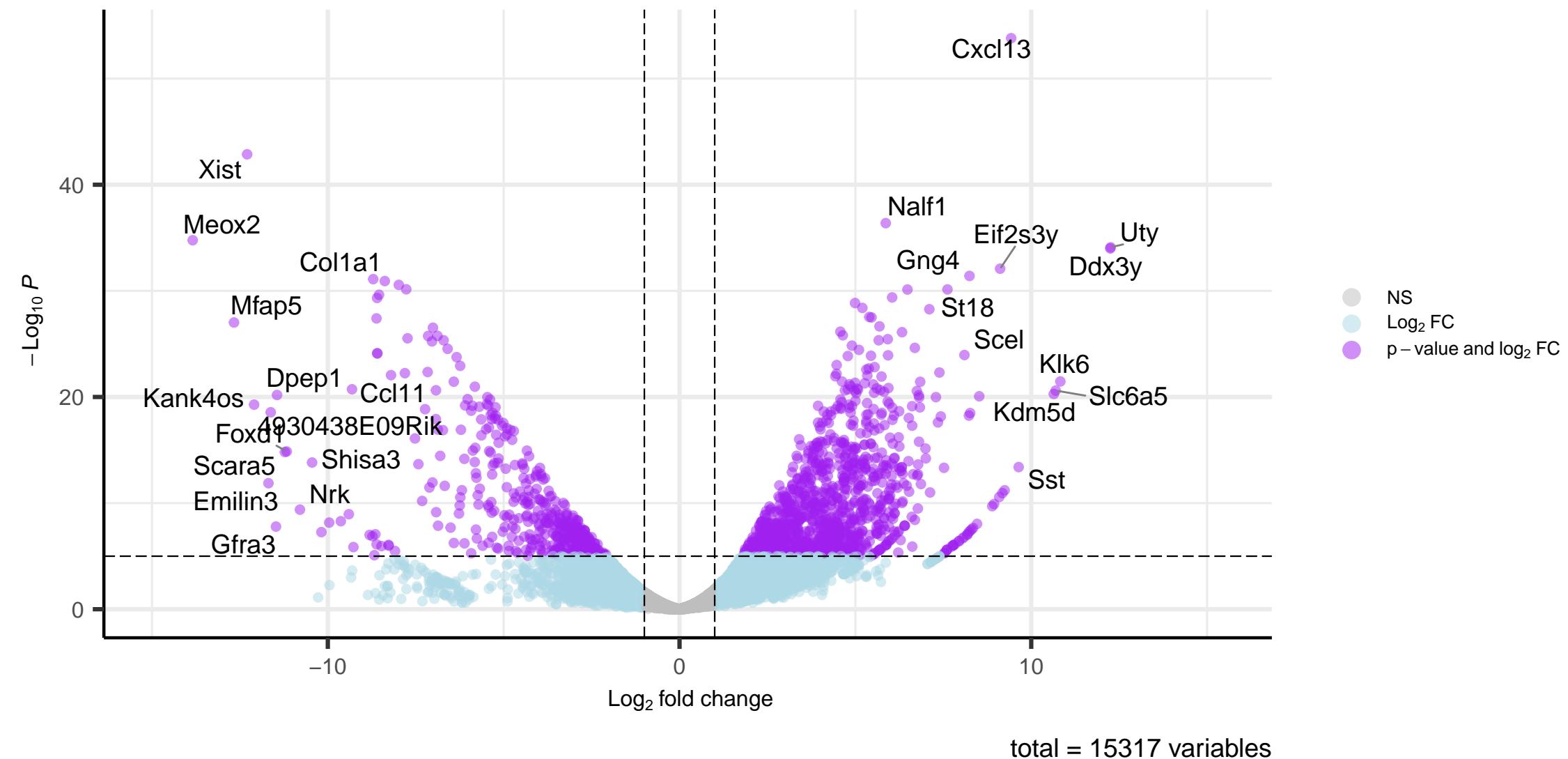


total = 15817 variables

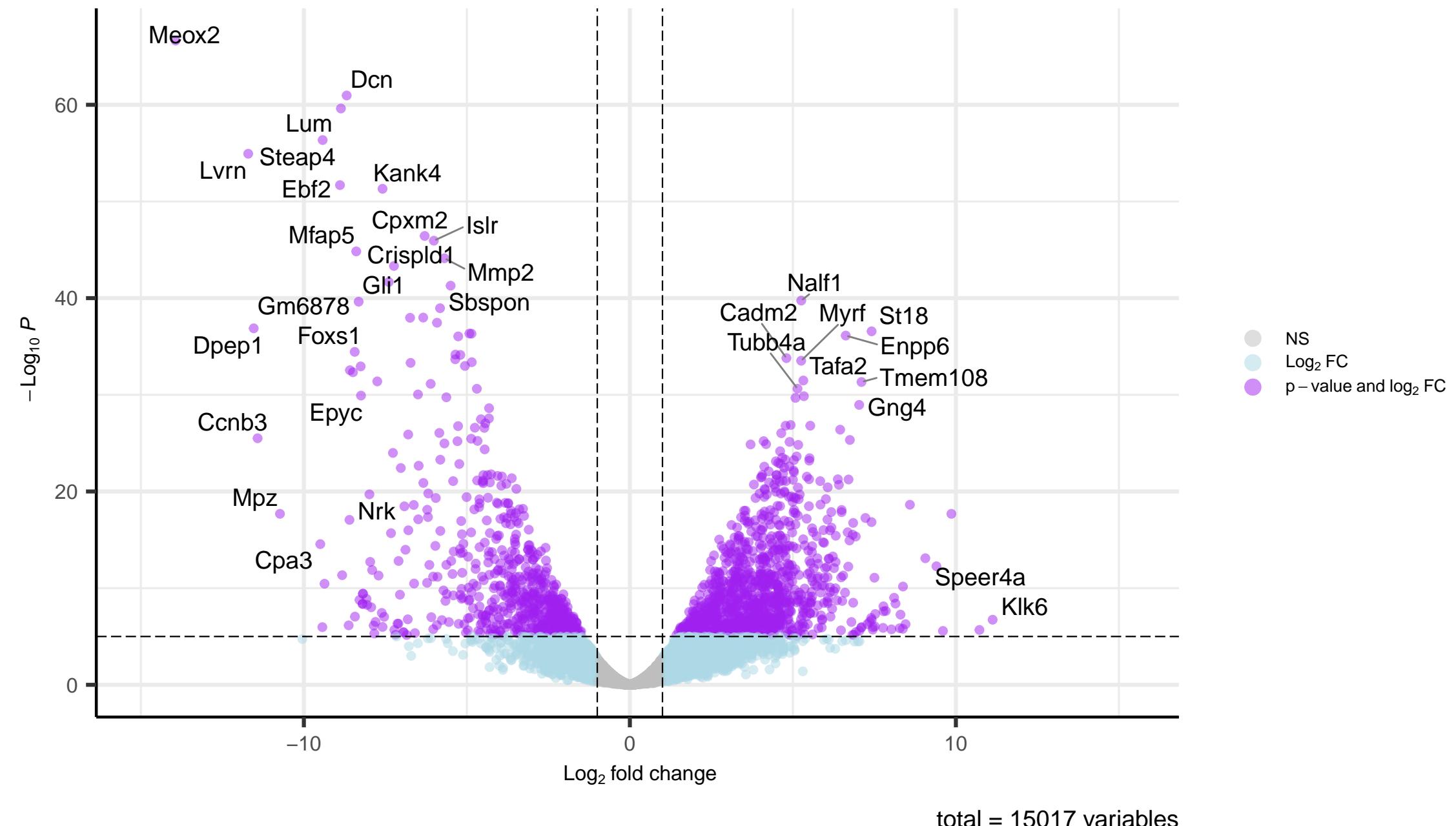
patho_cat2: 1.4 vs. 2.4



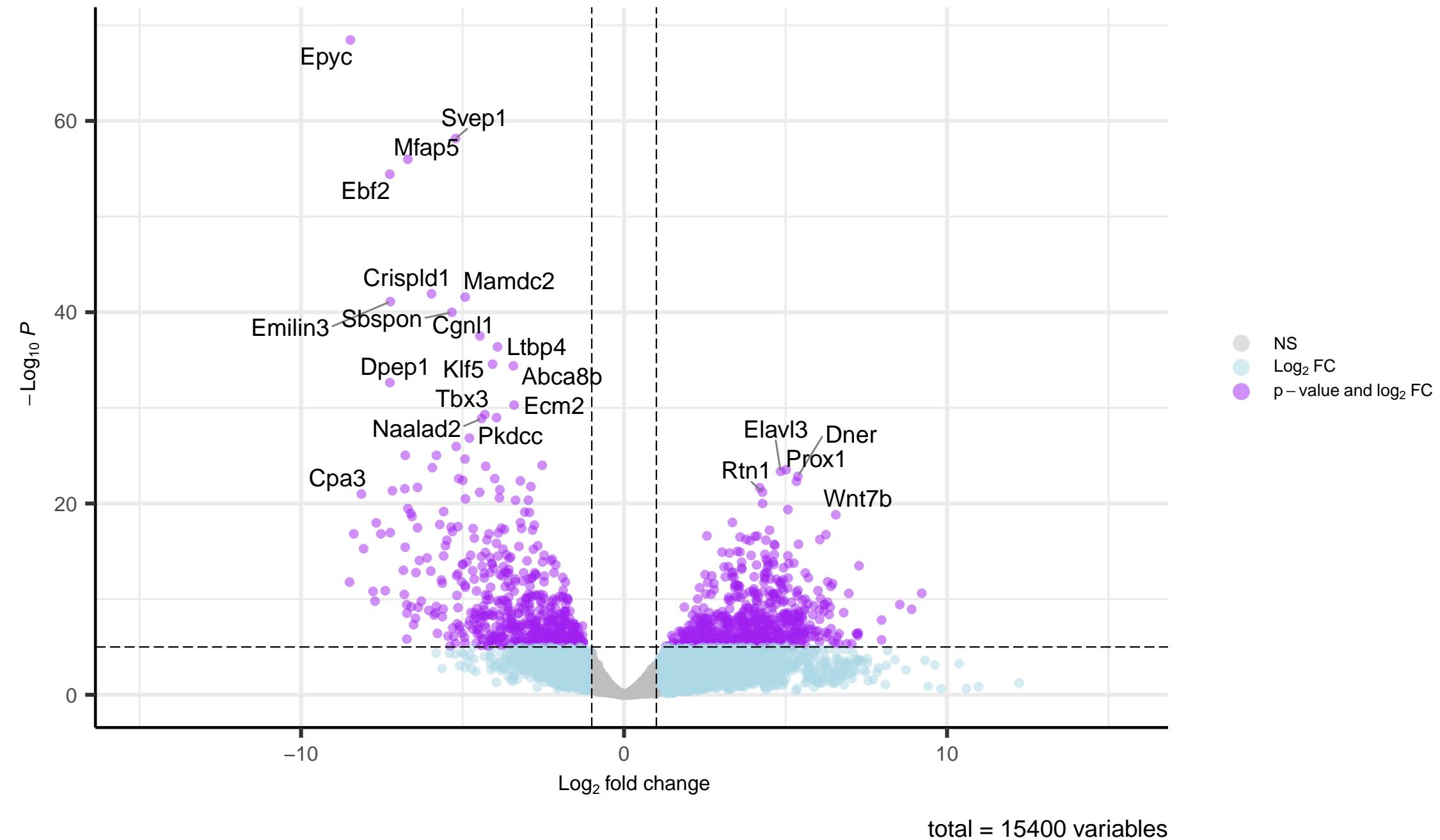
patho_cat2: 1.4 vs. 3.2



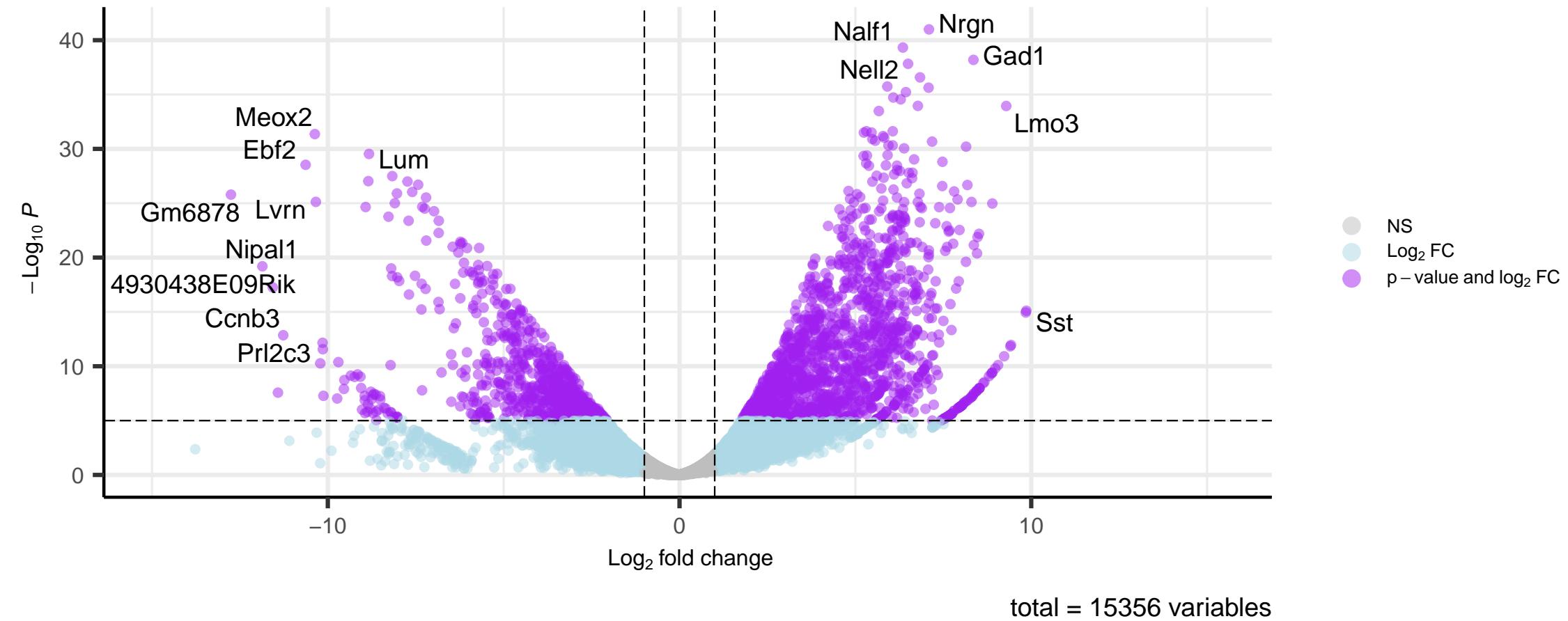
patho_cat2: 1.4 vs. 3.3



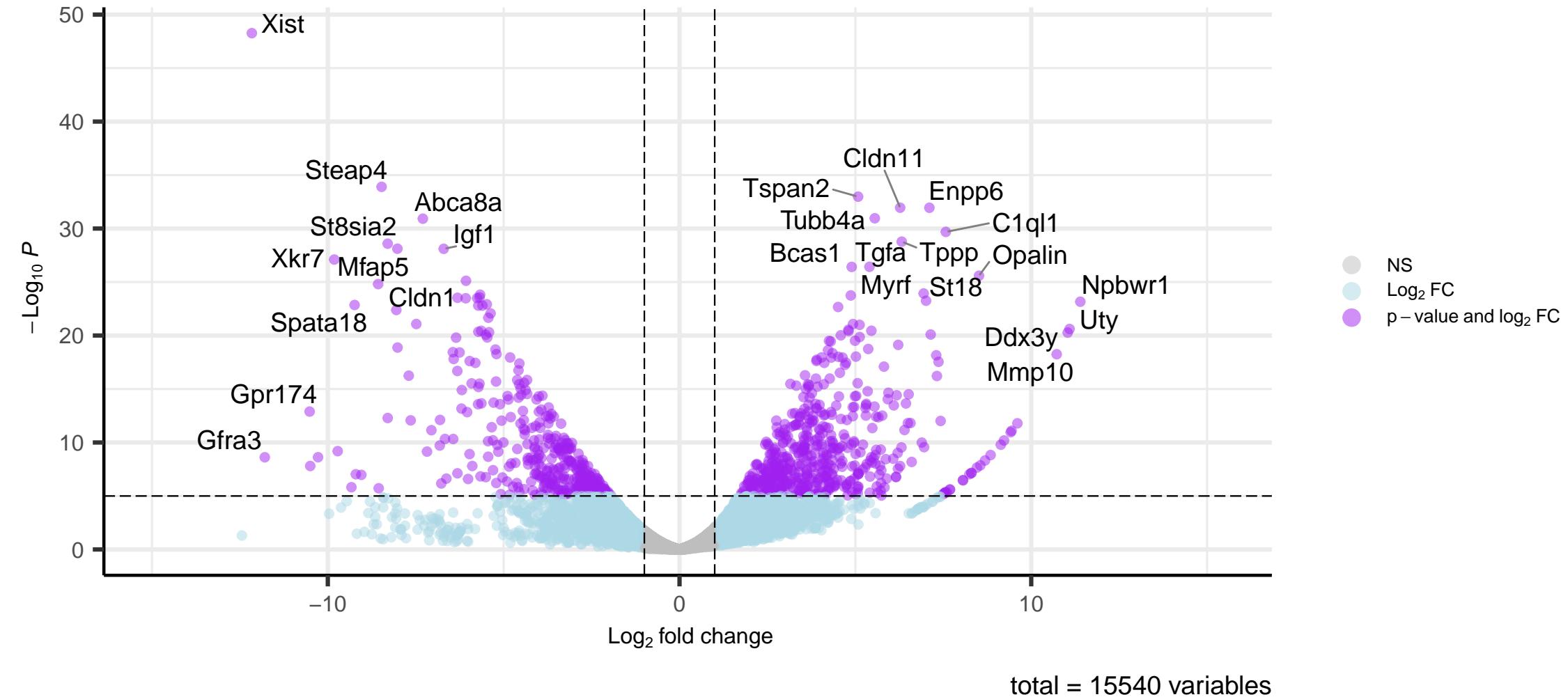
patho_cat2: 1.4 vs. 3.4



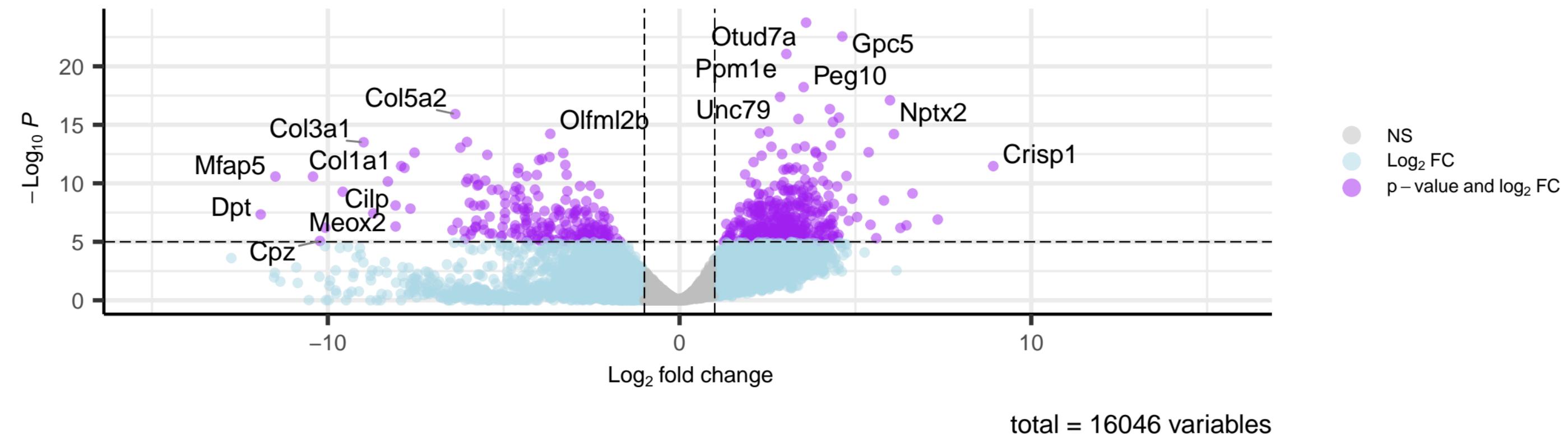
patho_cat2: 1.4 vs. 4.2



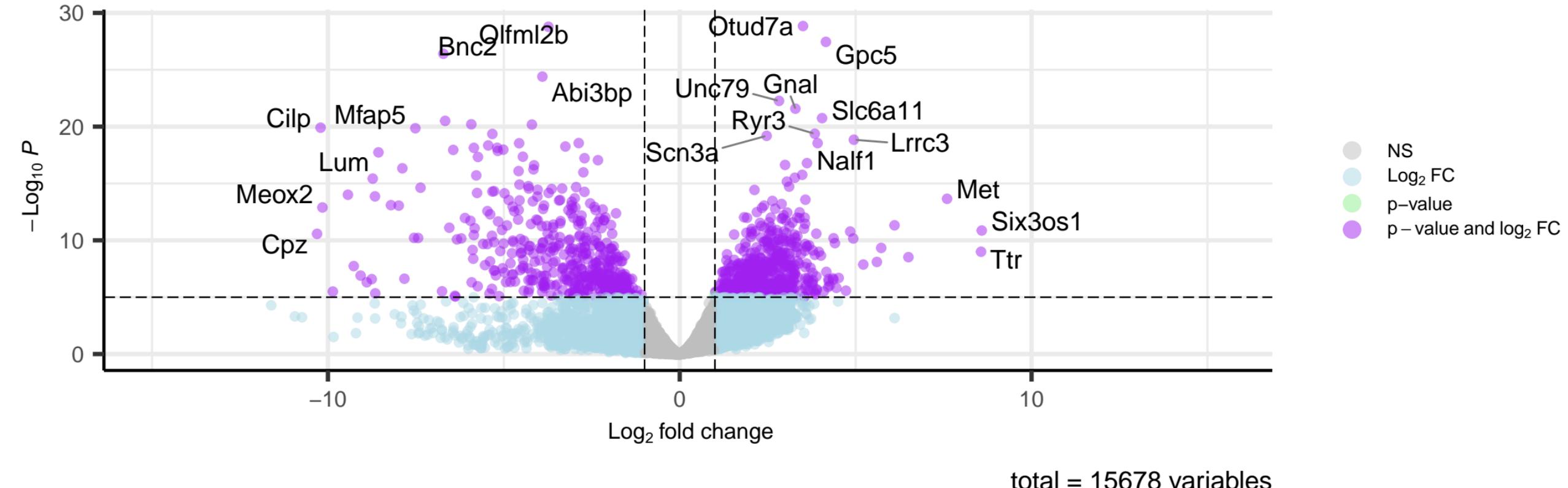
patho_cat2: 1.4 vs. 4.N



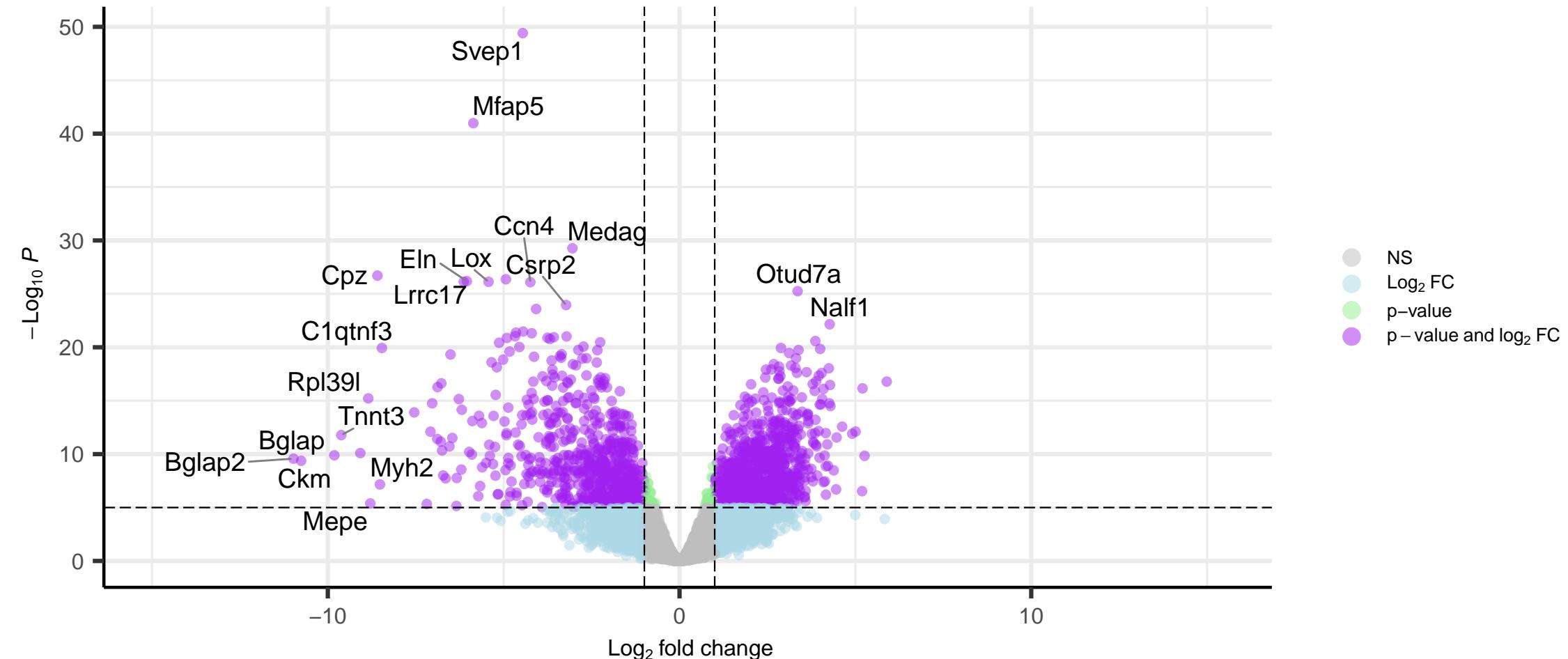
patho_cat2: 2.4 vs. 3.2



patho_cat2: 2.4 vs. 3.3

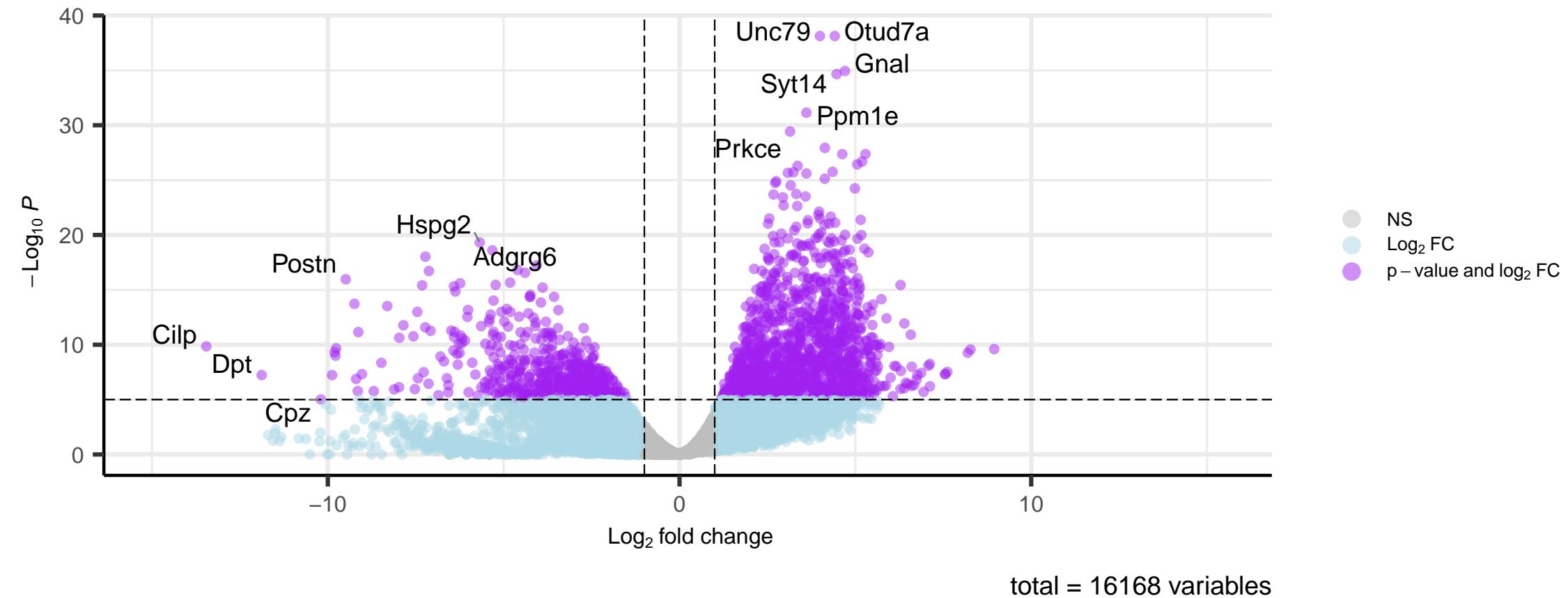


patho_cat2: 2.4 vs. 3.4

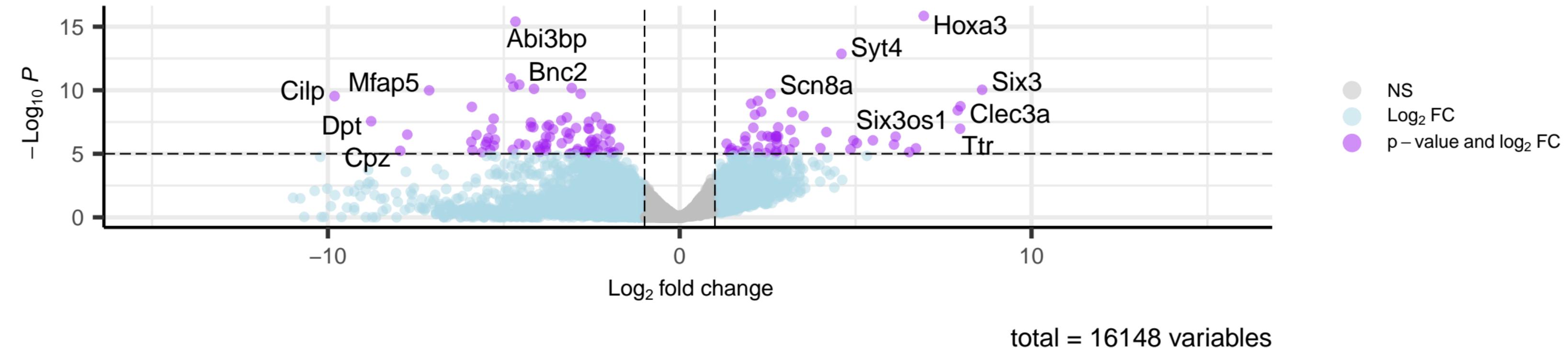


total = 14410 variables

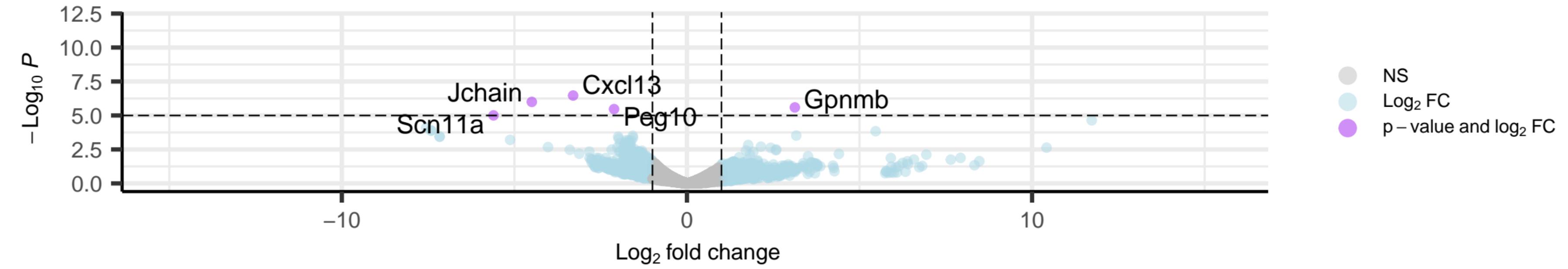
patho_cat2: 2.4 vs. 4.2



patho_cat2: 2.4 vs. 4.N



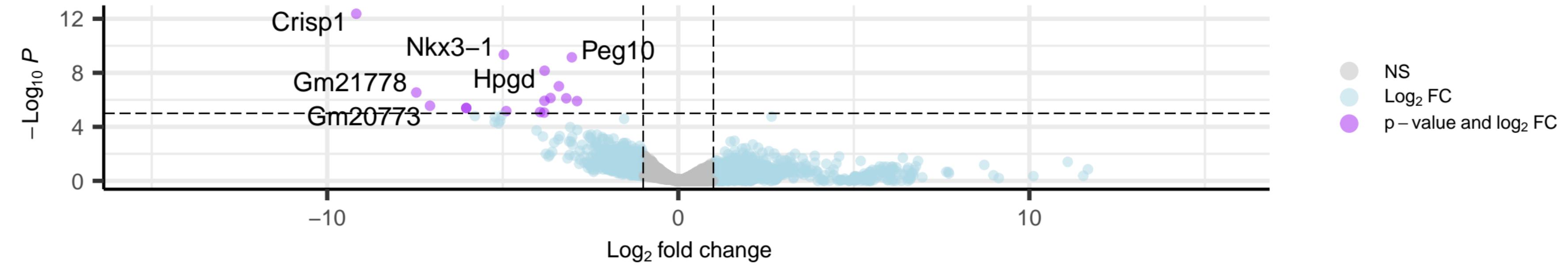
patho_cat2: 3.2 vs. 3.3



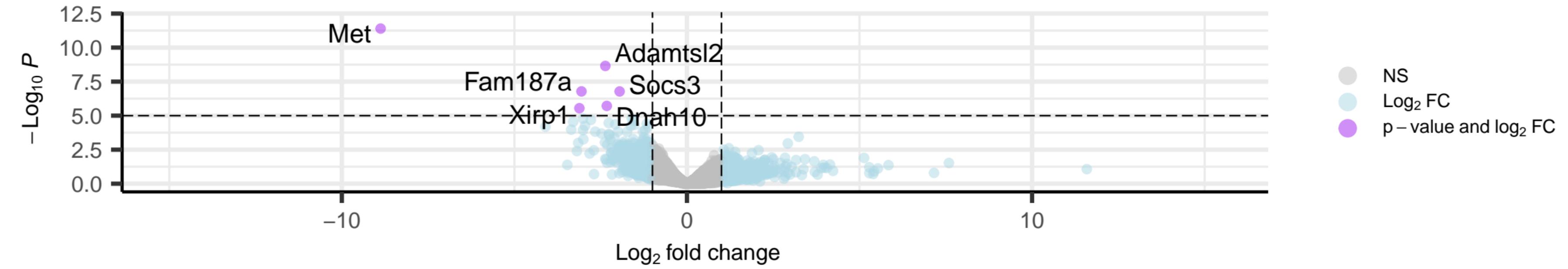
total = 15513 variables

- NS (Grey circle)
- $\text{Log}_2 \text{ FC}$ (Light blue circle)
- $p\text{-value and log}_2 \text{ FC}$ (Purple circle)

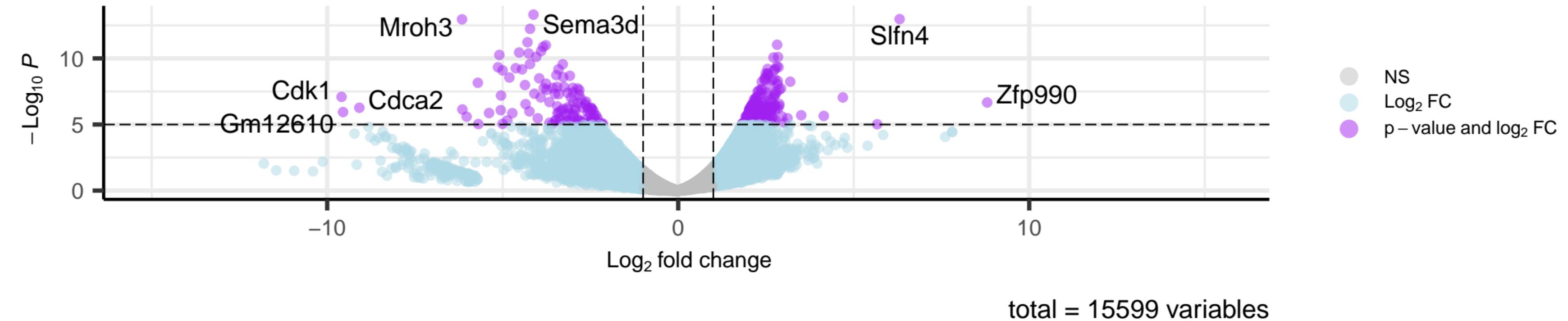
patho_cat2: 3.2 vs. 3.4



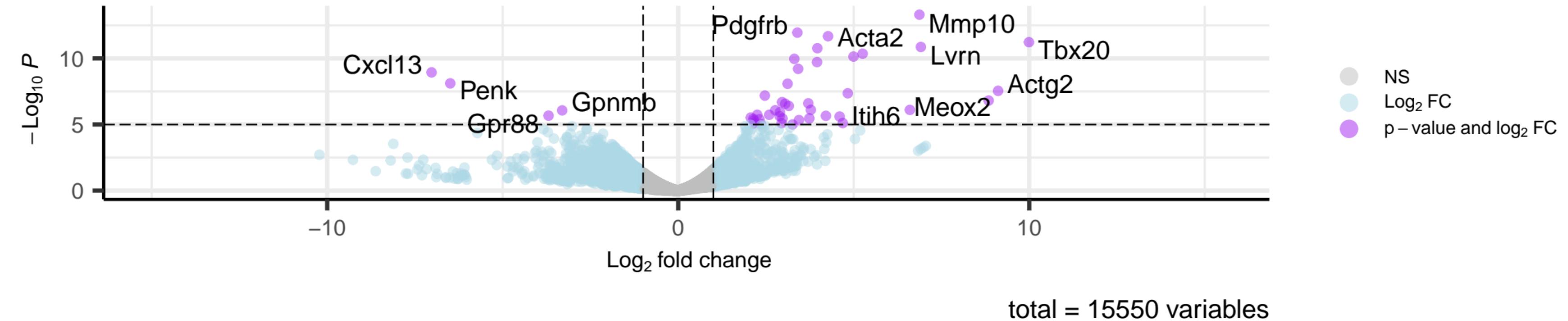
patho_cat2: 3.3 vs. 3.4



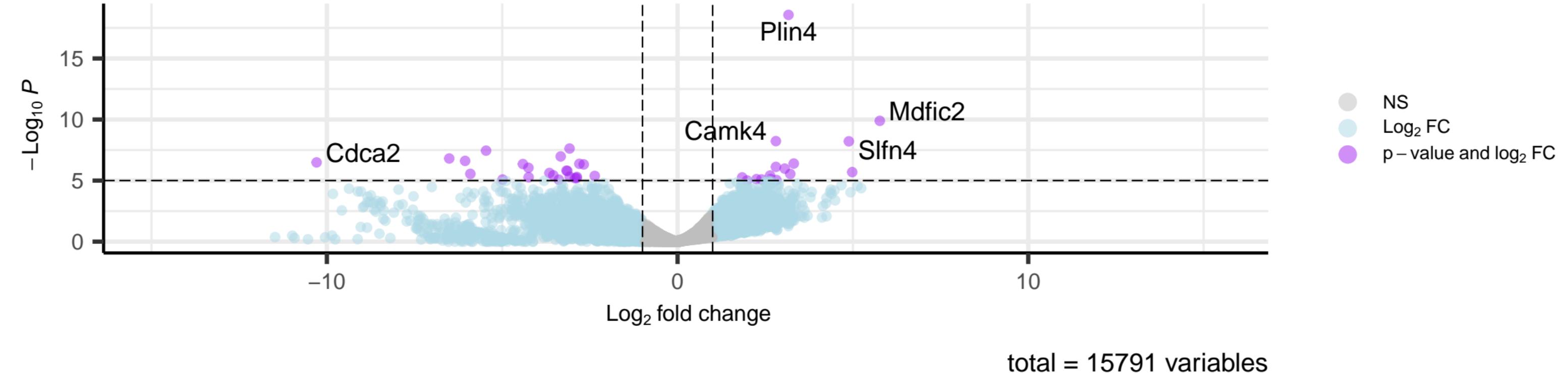
patho_cat2: 3.3 vs. 4.2



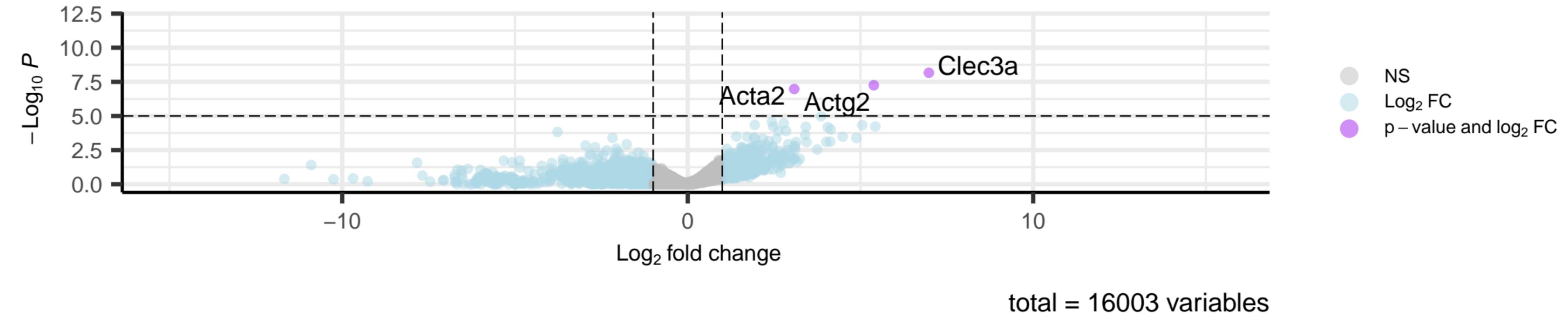
patho_cat2: 3.3 vs. 4.N



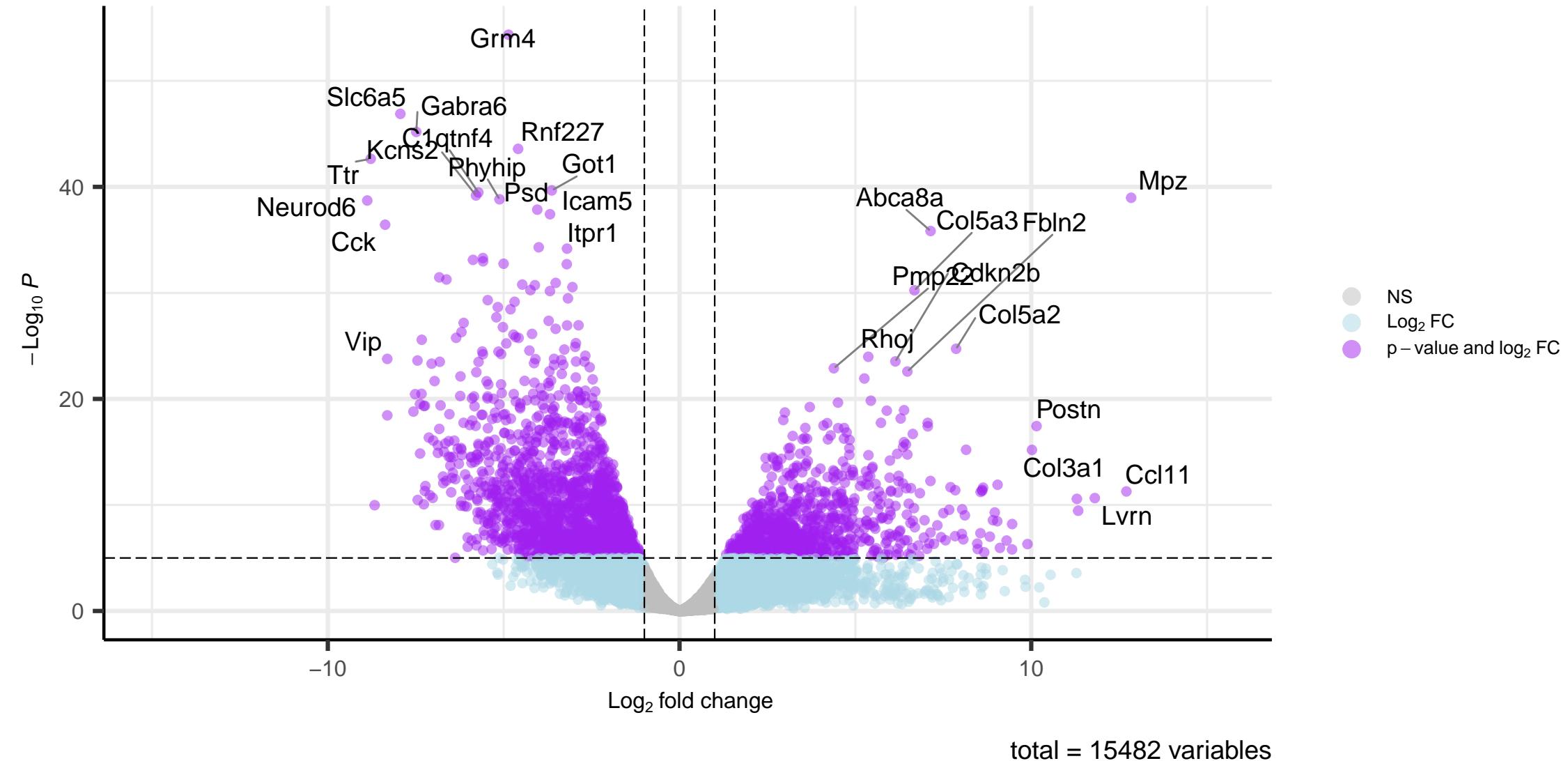
patho_cat2: 3.4 vs. 4.2



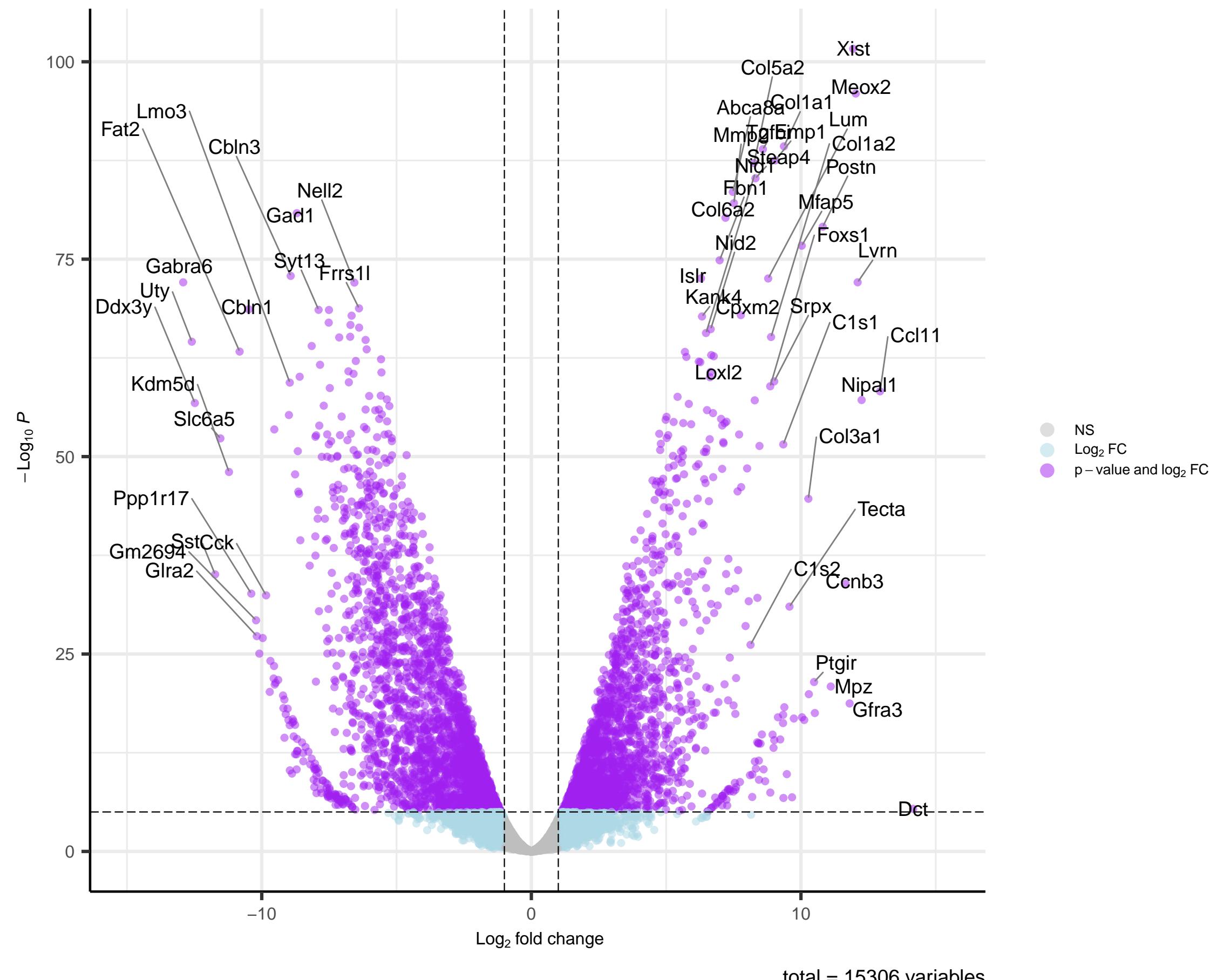
patho_cat2: 3.4 vs. 4.N



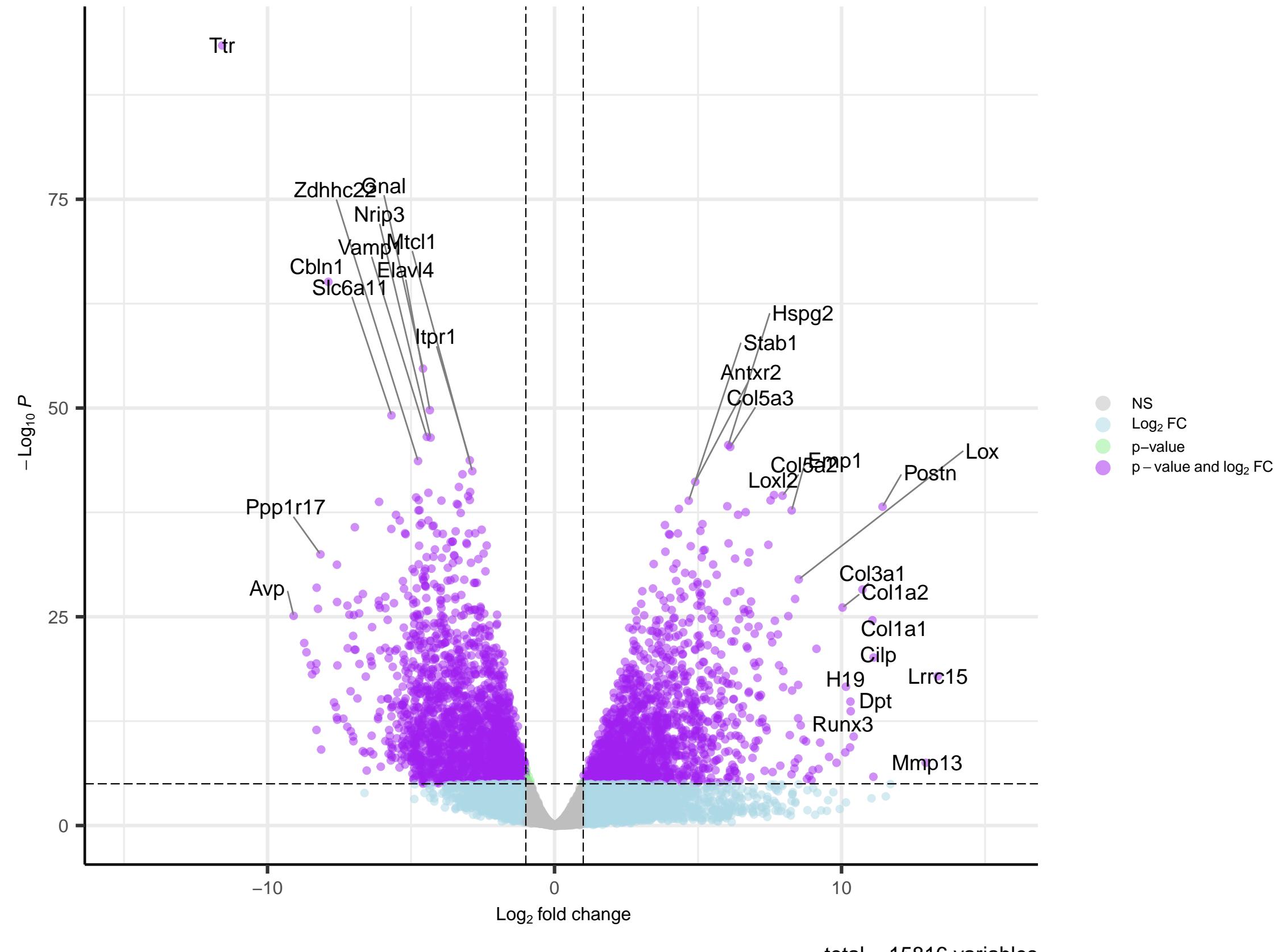
patho_cat2: NED vs. 1.2



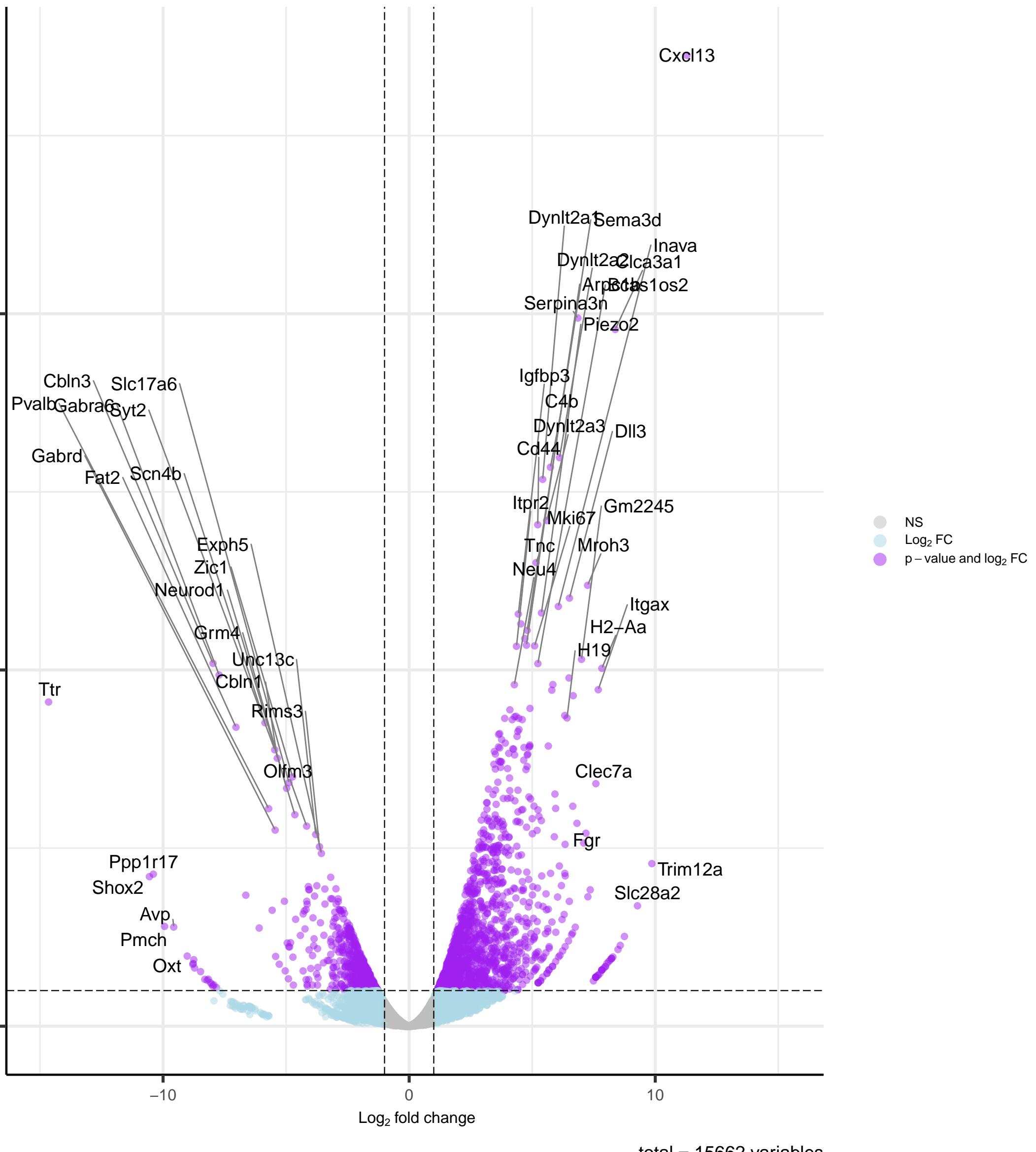
patho_cat2: NED vs. 1.4



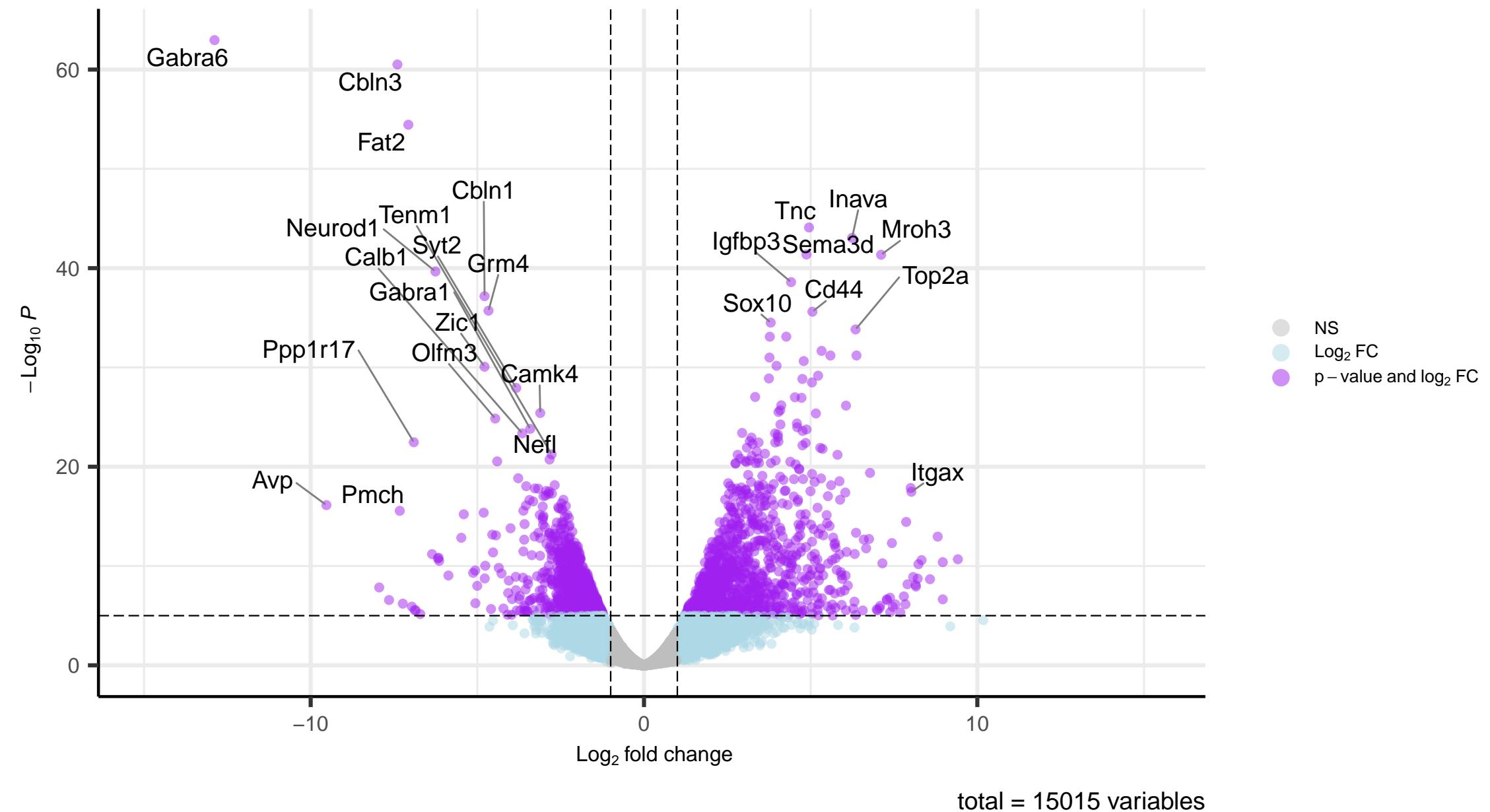
patho_cat2: NED vs. 2.4



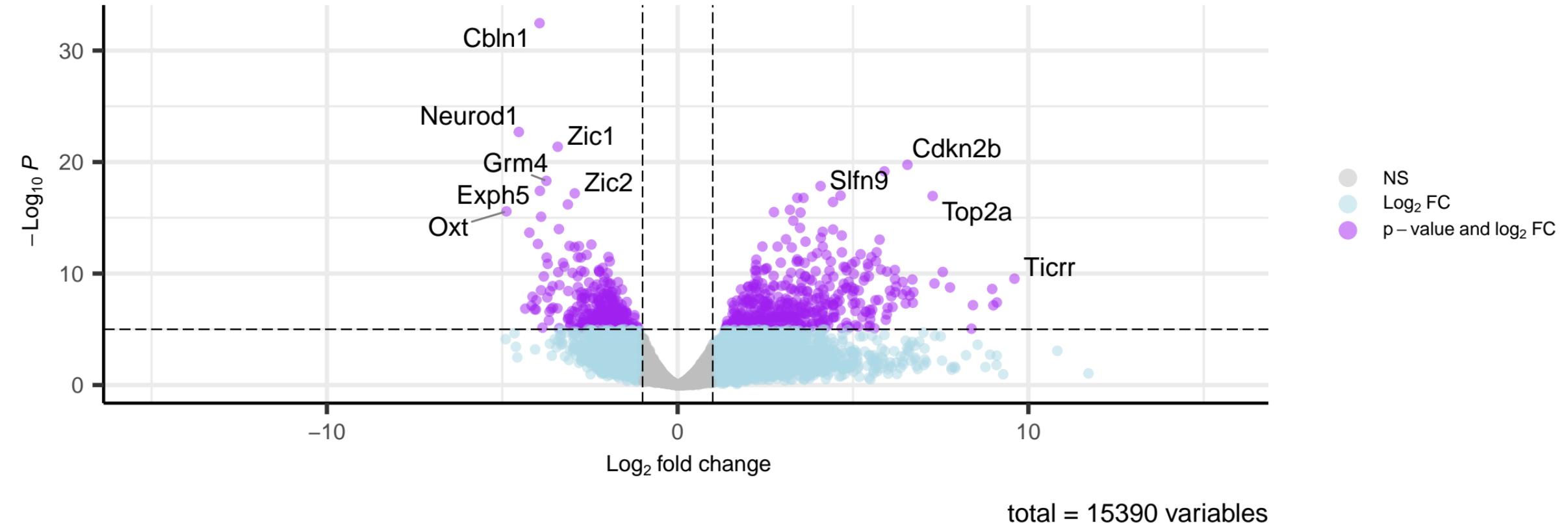
patho_cat2: NED vs. 3.2



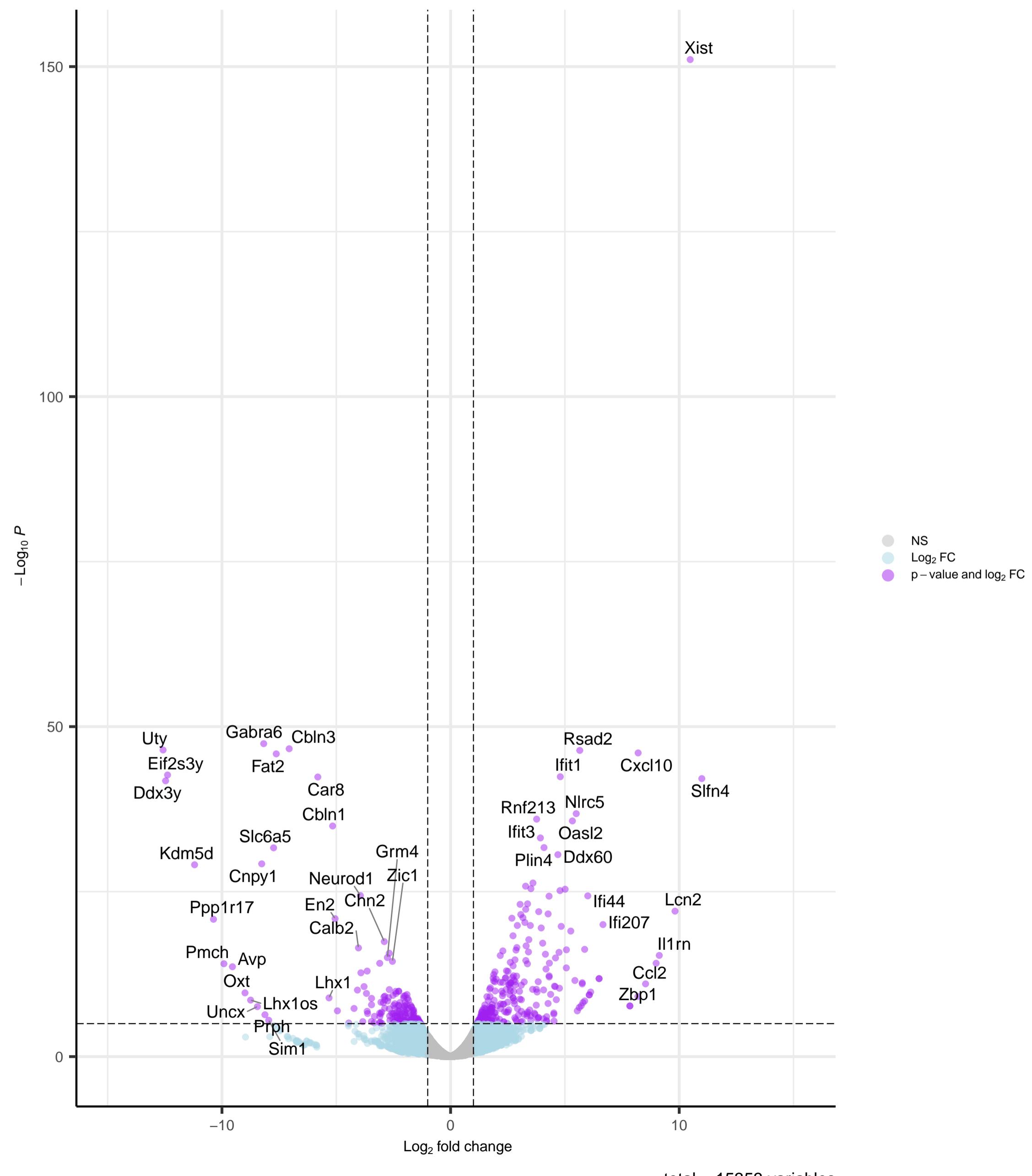
patho_cat2: NED vs. 3.3



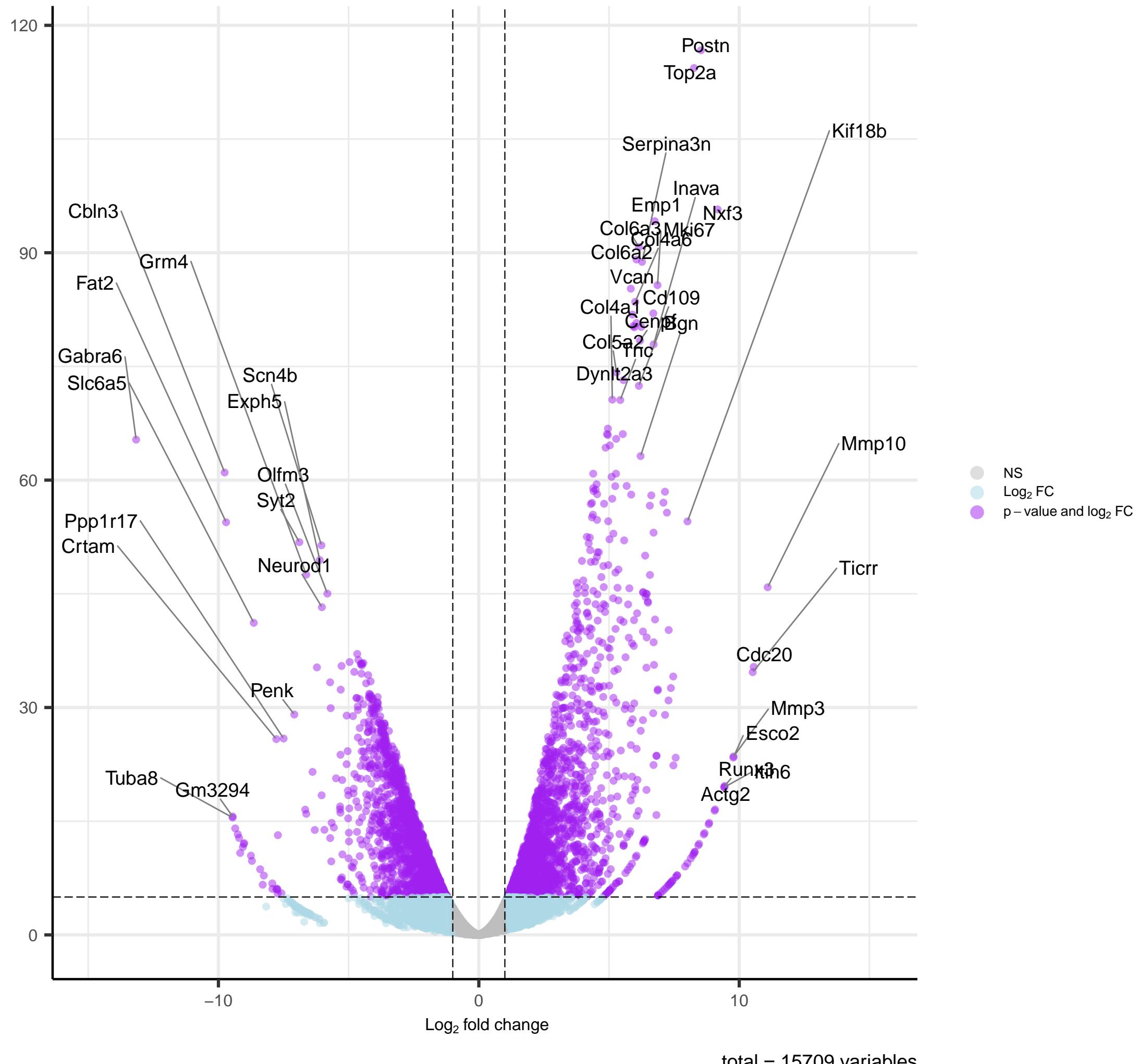
patho_cat2: NED vs. 3.4



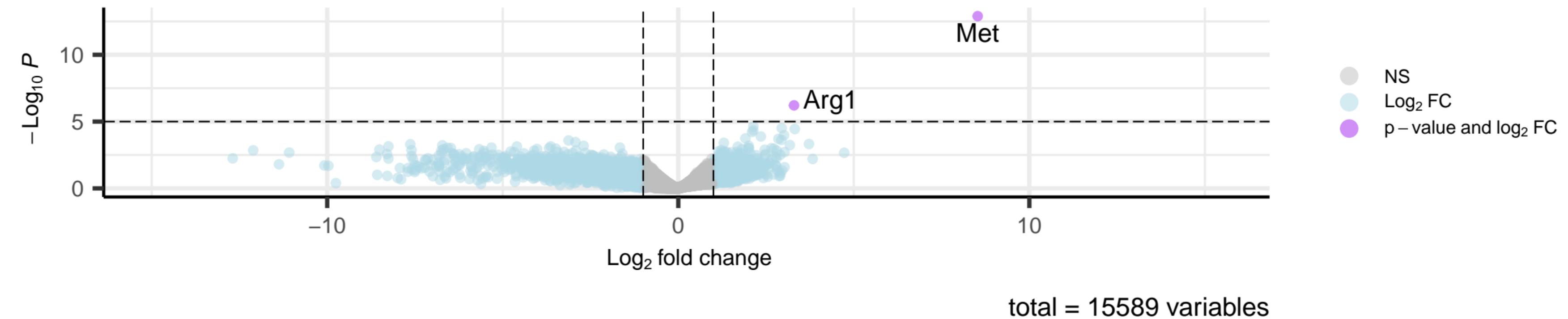
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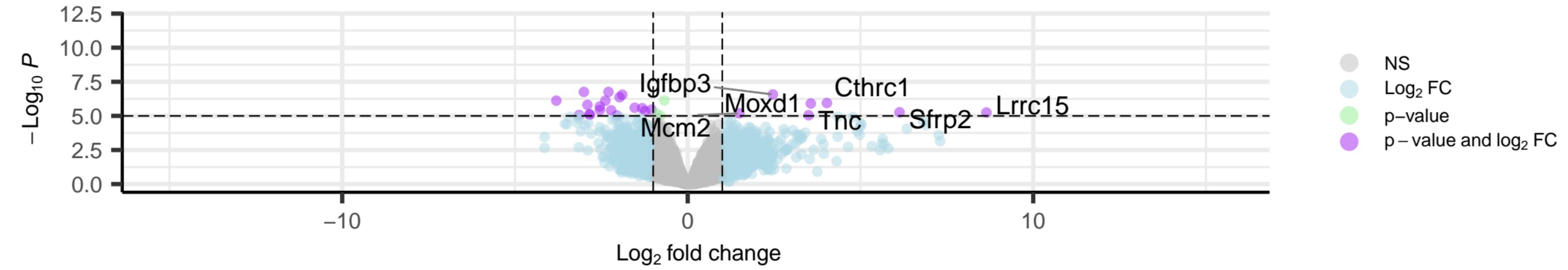
patho_cat2: NED vs. 4.N



patho_grade: 2 vs. 3

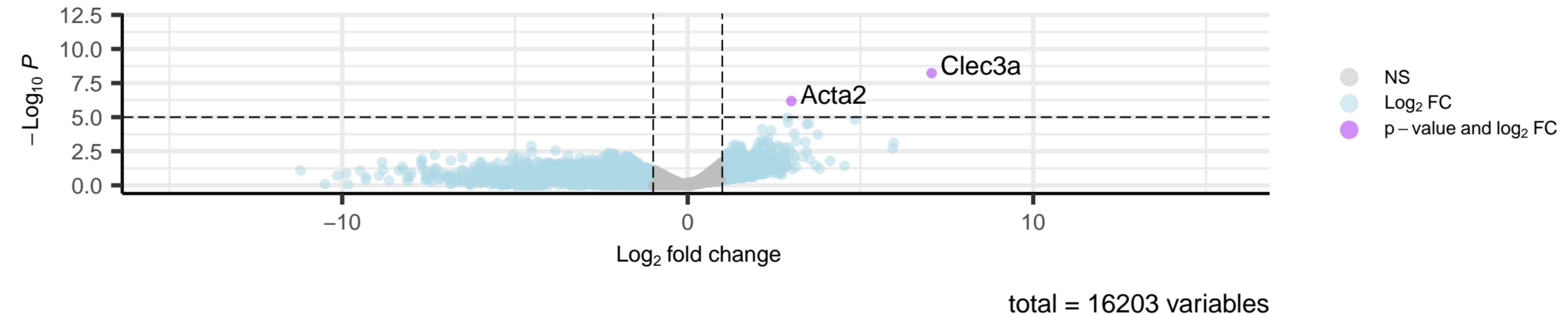


patho_grade: 2 vs. 4

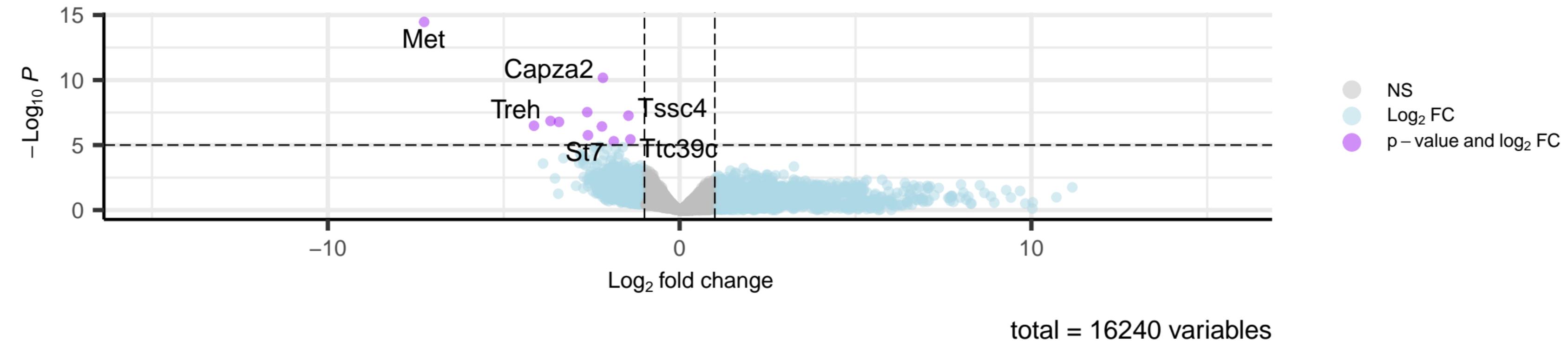


total = 14787 variables

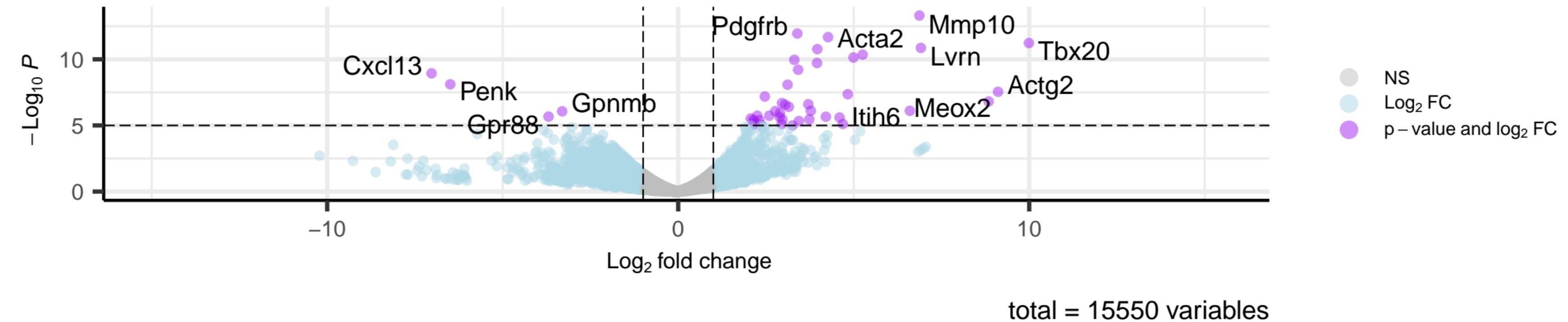
patho_grade: 2 vs. N



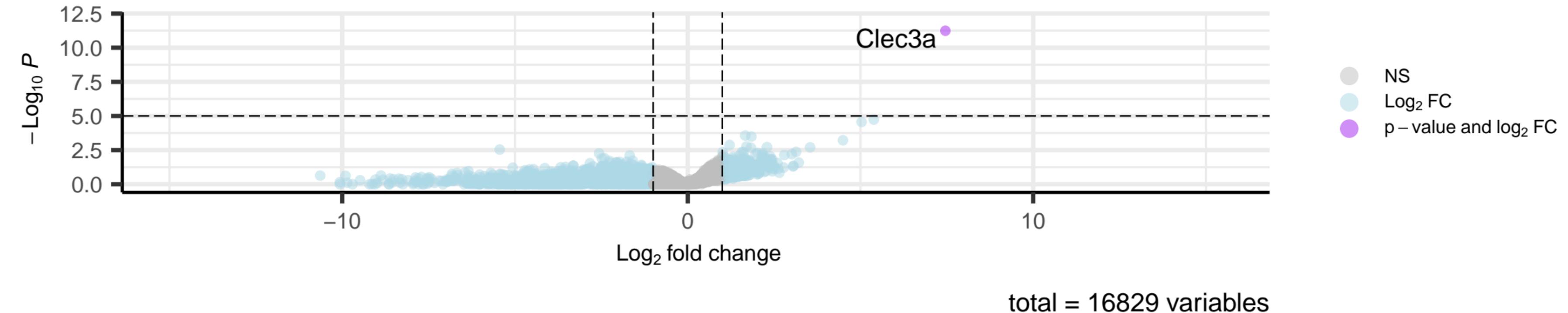
patho_grade: 3 vs. 4



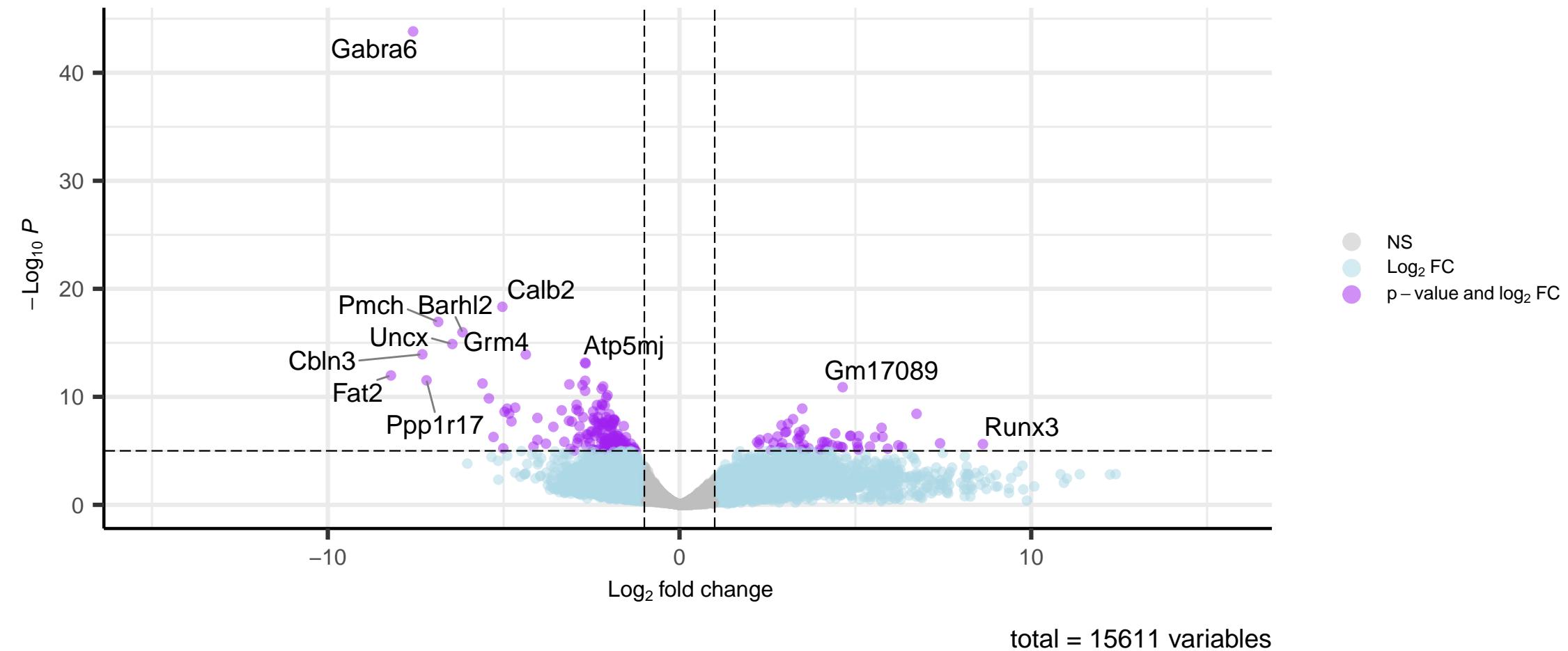
patho_grade: 3 vs. N



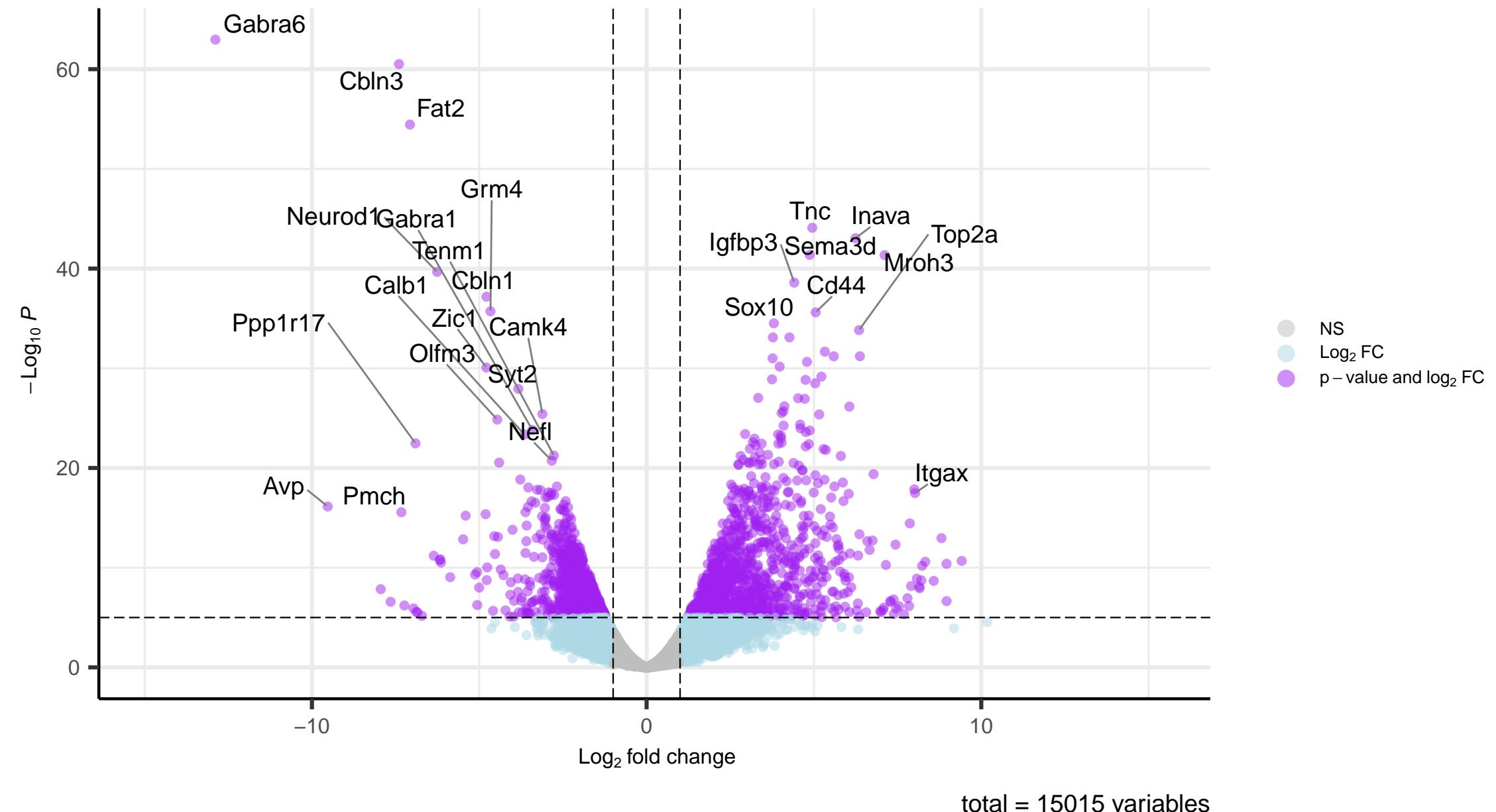
patho_grade: 4 vs. N



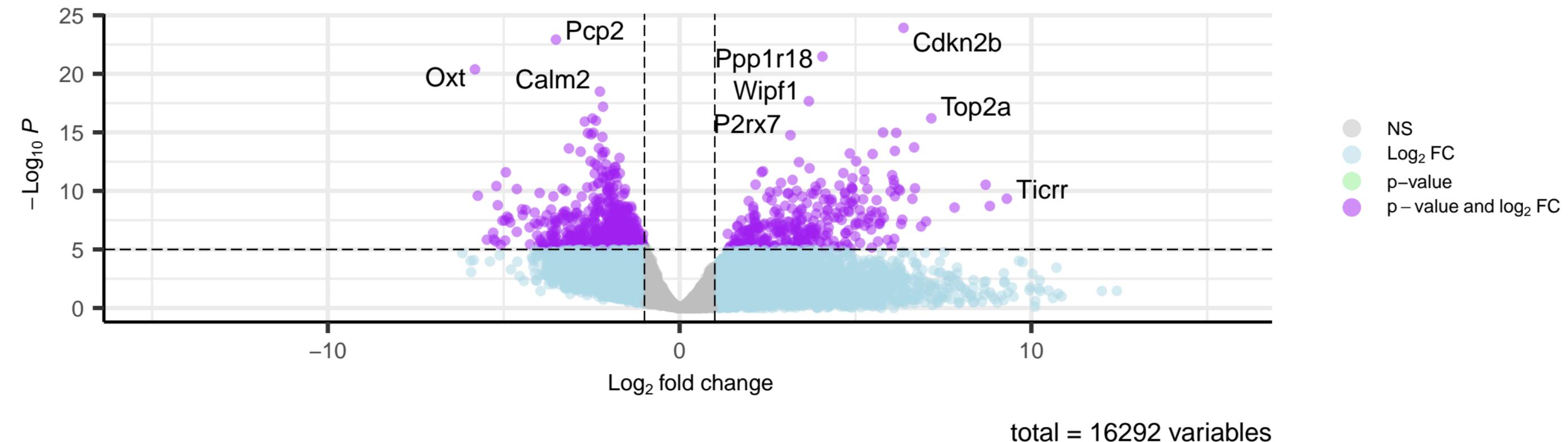
patho_grade: NED vs. 2



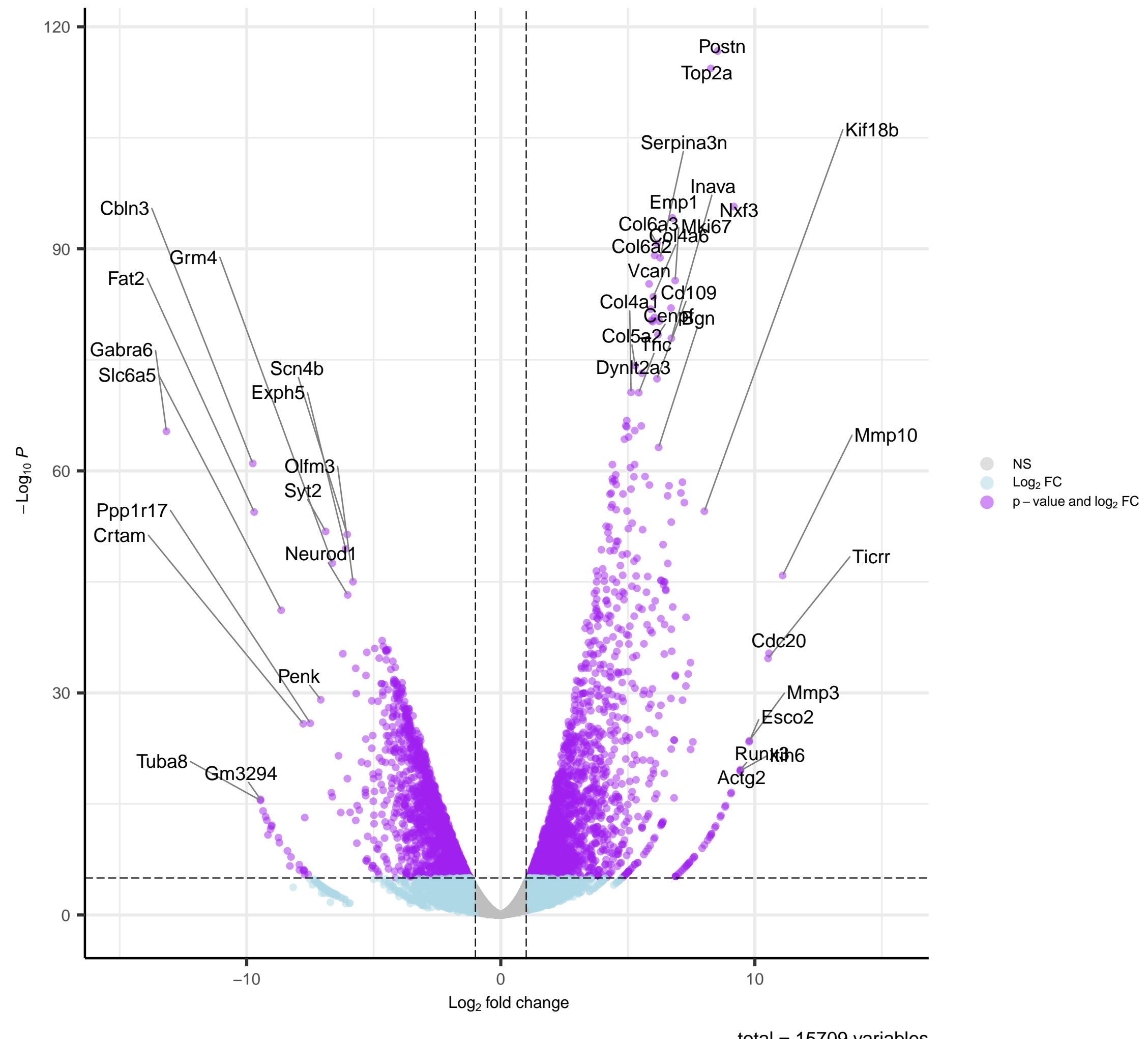
patho_grade: NED vs. 3



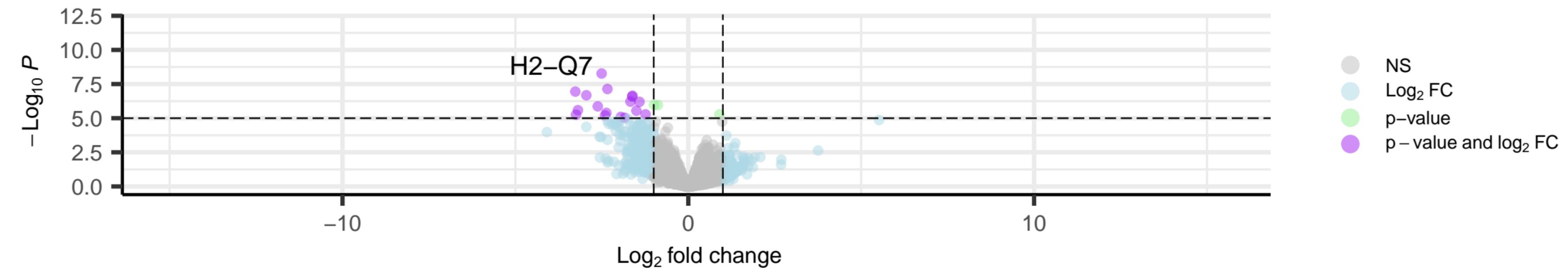
patho_grade: NED vs. 4



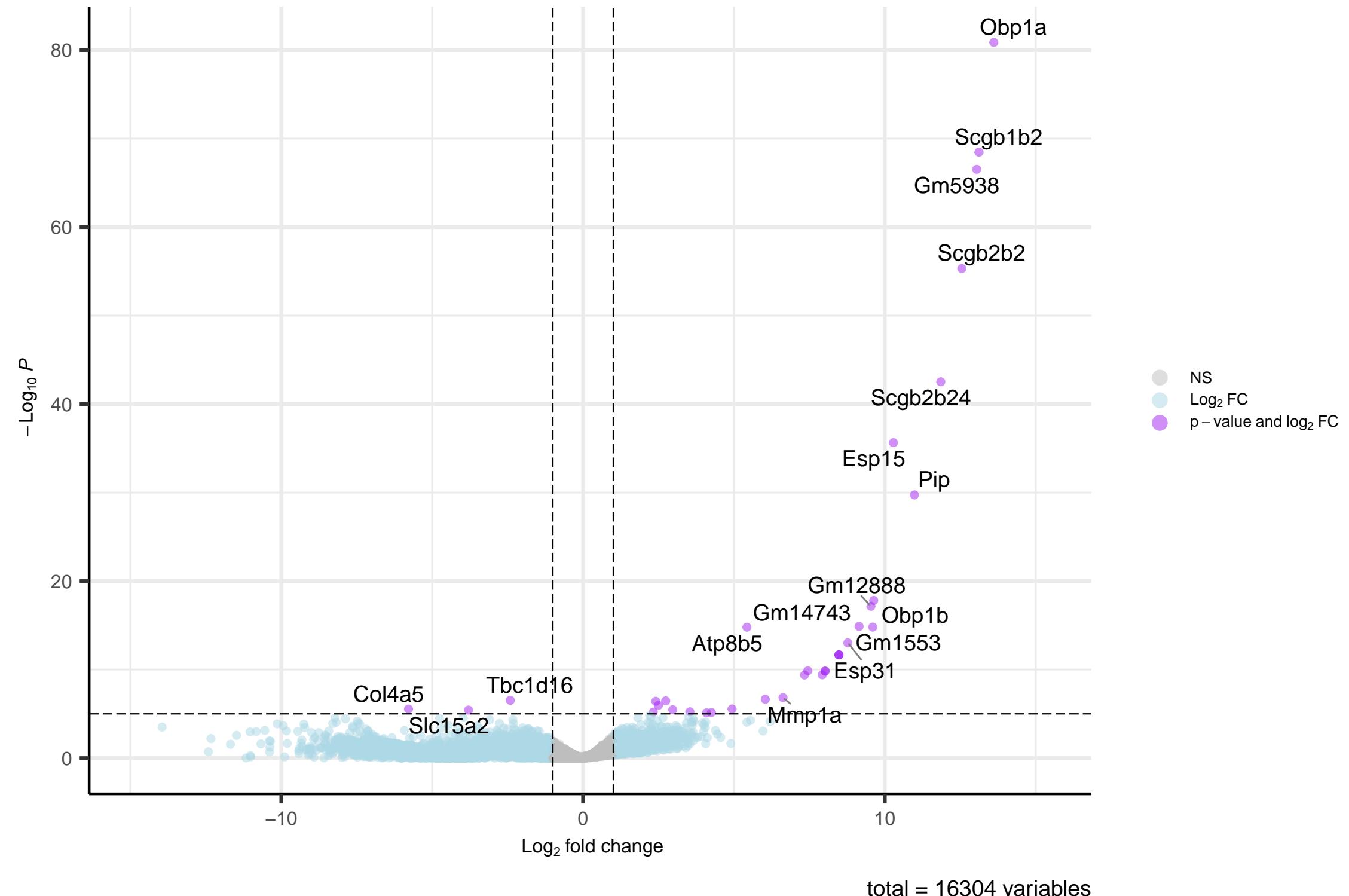
patho_grade: NED vs. N



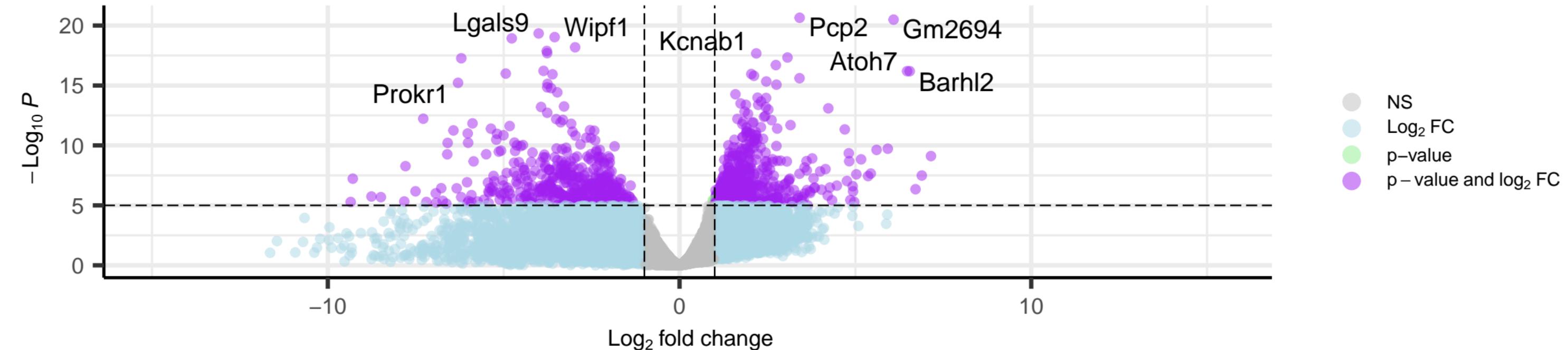
resultant_genotype: nf1 KO; pten KO; ink KO; atrx KO vs. nf1 KO; pten KO; ink KO; atrx wt



resultant_genotype: nf1 KO; pten KO; ink KO; atrx KO vs. nf1 wt; pten KO; ink KO; atrx KO

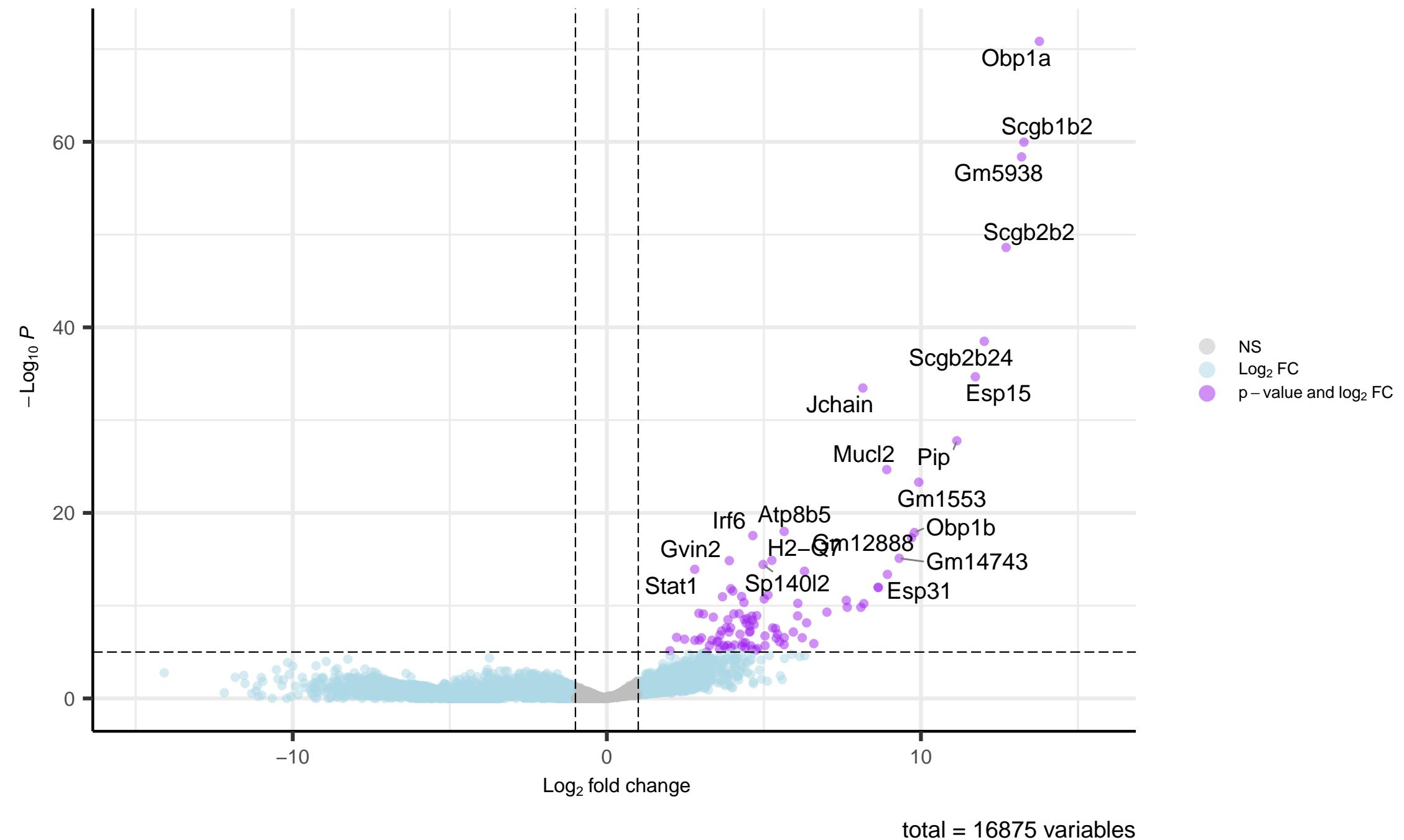


resultant_genotype: nf1 KO; pten KO; ink KO; atrx KO vs. nf1 wt; pten wt; ink wt; atrx wt

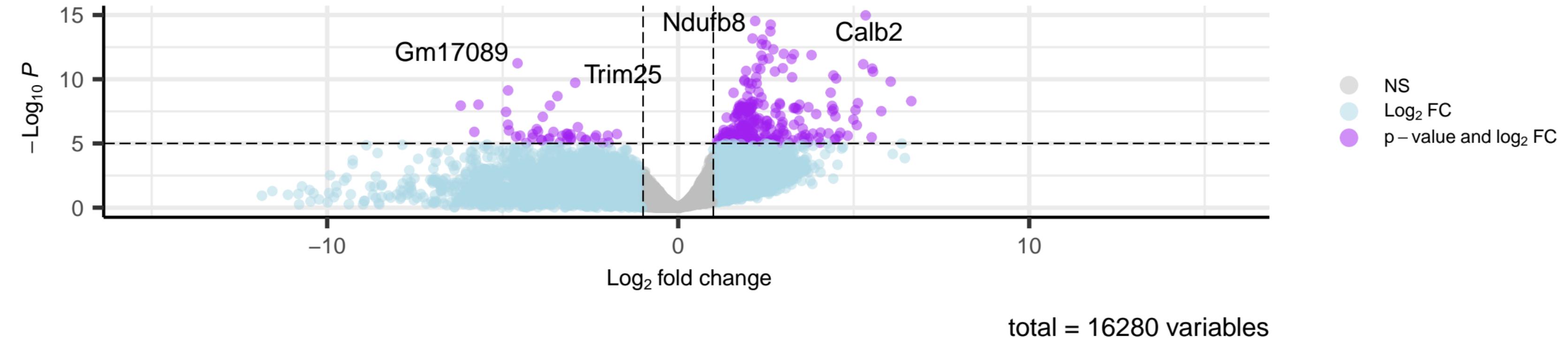


total = 16038 variables

resultant_genotype: nf1 KO; pten KO; ink KO; atrx wt vs. nf1 wt; pten KO; ink KO; atrx KO



resultant_genotype: nf1 KO; pten KO; ink KO; atrx wt vs. nf1 wt; pten wt; ink wt; atrx wt



resultant_genotype: nf1 wt; pten KO; ink KO; atrx KO vs. nf1 wt; pten wt; ink wt; atrx wt

