

Supplementary Figures

Comparison of untreated RA and TCZ treated CD8⁺ Tem cells

The expression levels of genes from glycolysis, pentose phosphate pathway, TCA cycle, Oxidative phosphorylation complex 1, 4 and 5 in the CD8⁺ Tem cells from healthy, untreated and TCZ treated individuals are shown in the following figures. Significant differential expression is marked by asterisk (***)

Glycolysis genes CD8 Tem cells

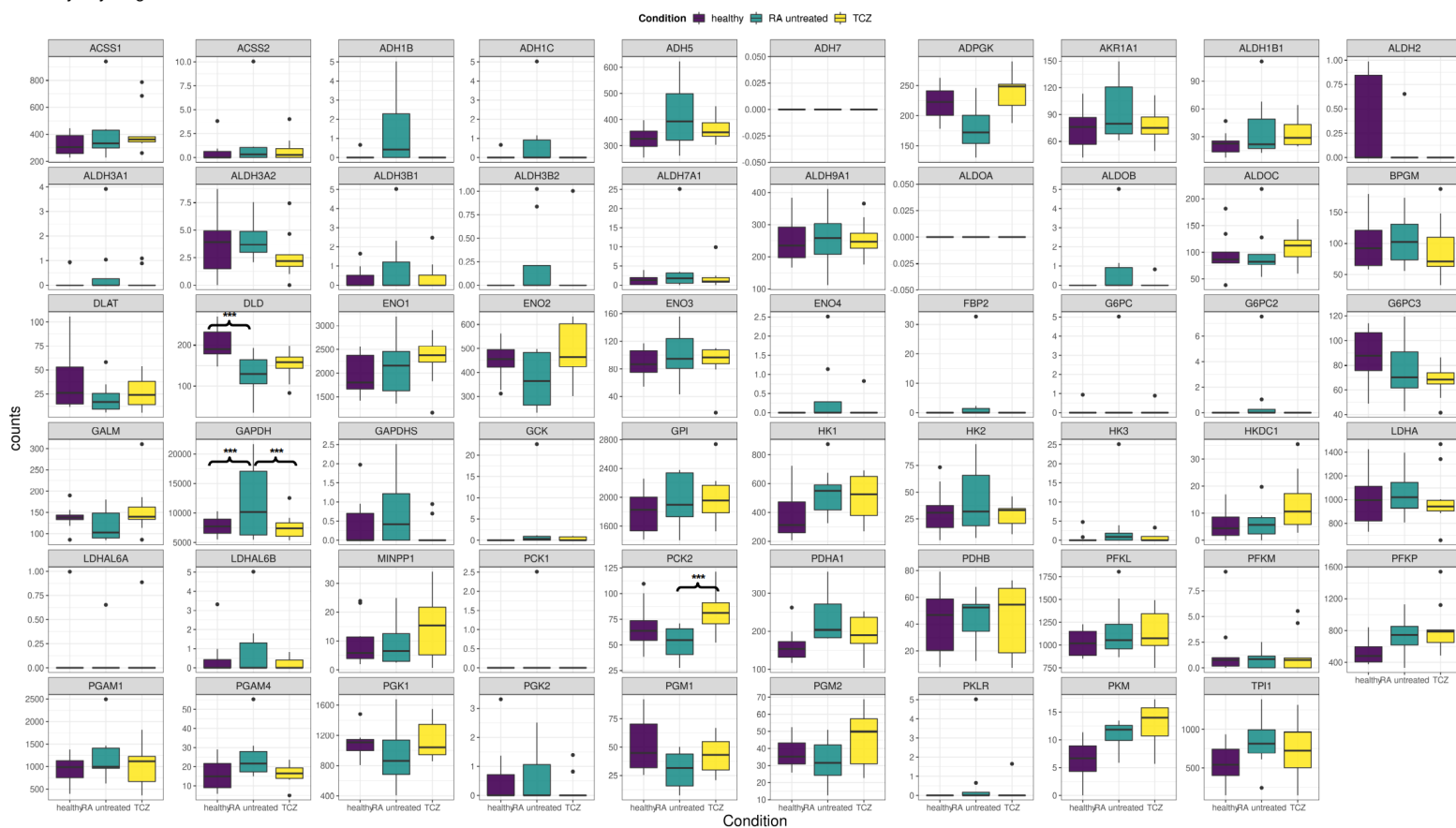


Figure S1. Normalized counts of glycolysis genes in untreated RA CD8⁺ Tem cells and TCZ treated RA CD8⁺ Tem cells.

PPP genes CD8 Tem cells

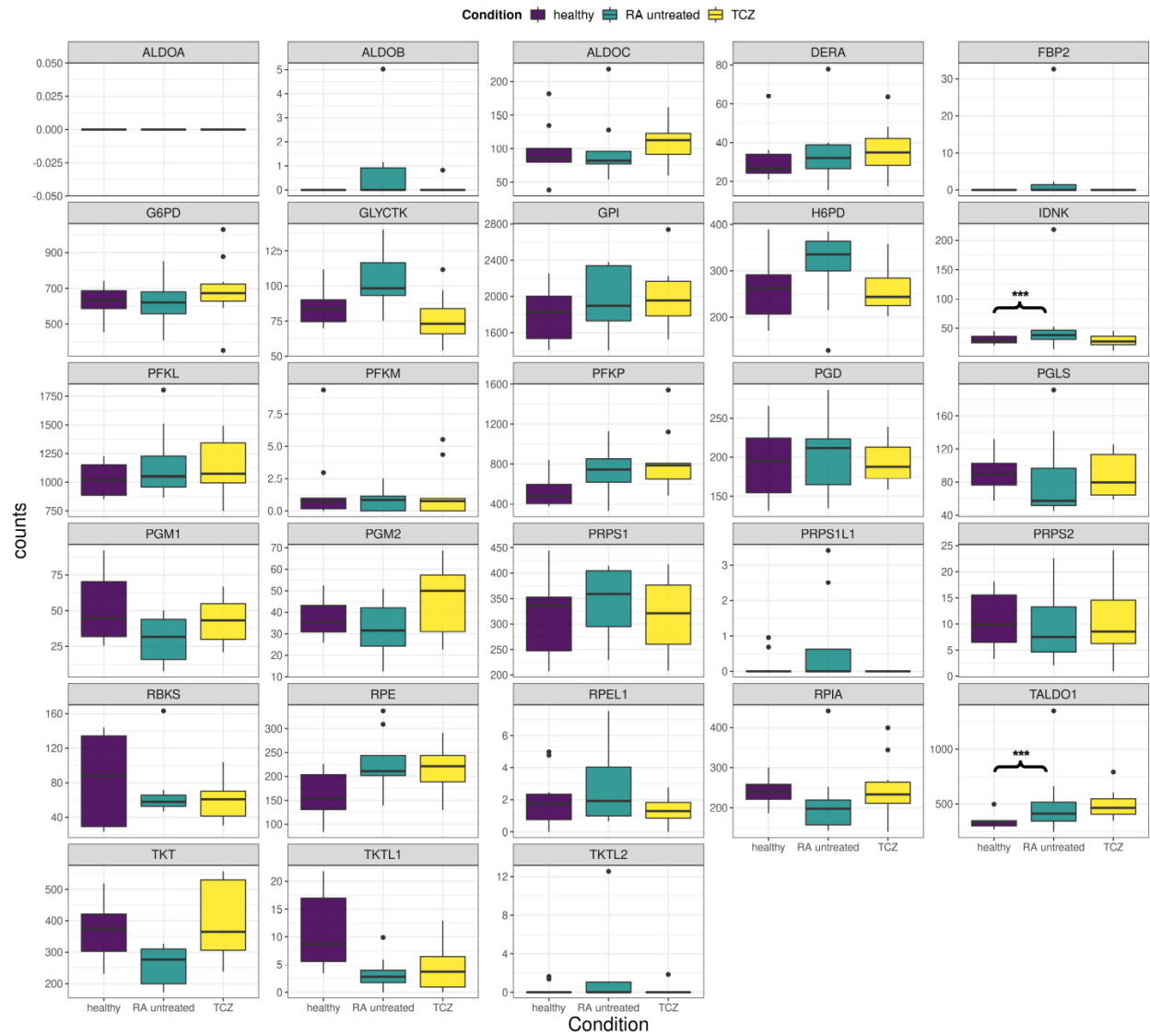


Figure S2. Normalized counts of pentose phosphate pathway genes in untreated RA CD8⁺ Tem cells and TCZ treated RA CD8⁺ Tem cells.

TCA cycle genes CD8 Tem cells

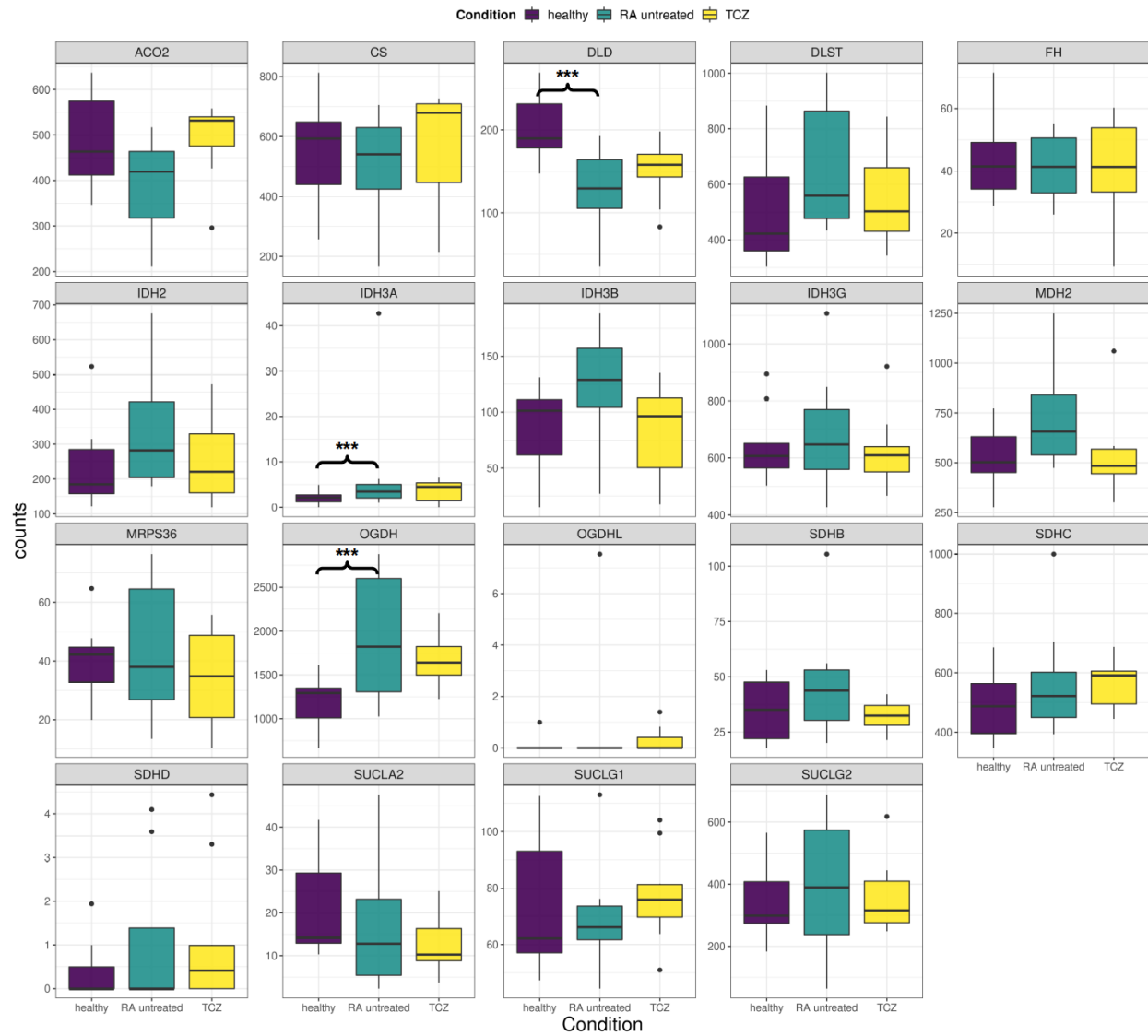


Figure S3. Normalized counts of TCA cycle genes in untreated RA CD8⁺ Tem cells and TCZ treated RA CD8⁺ Tem cells.

OXPHOS Complex 1 genes CD8 Tem cells

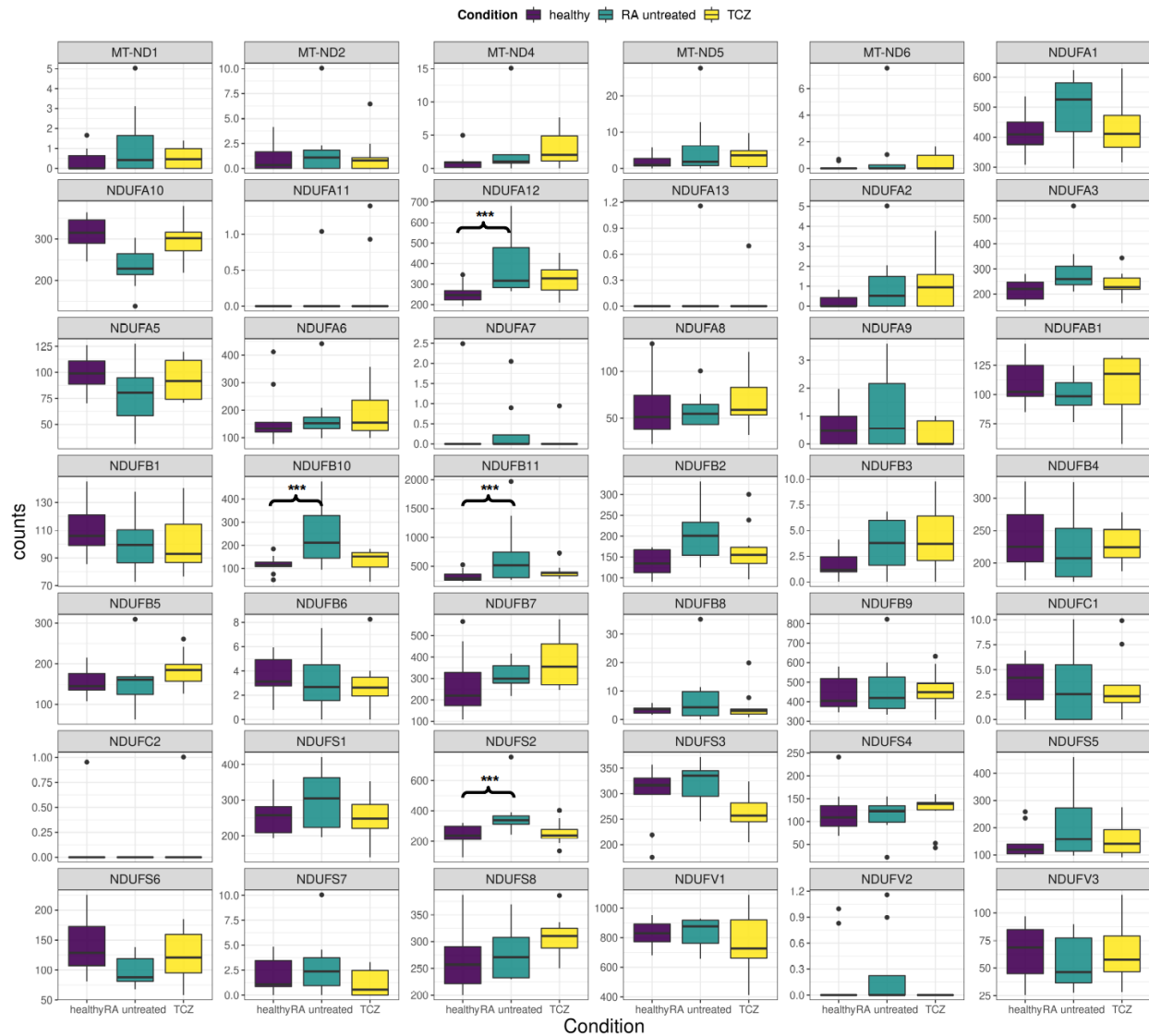


Figure S4. Normalized counts of oxidative phosphorylation complex 1 genes in untreated RA CD8⁺ Tem cells and TCZ treated RA CD8⁺ Tem cells.

OXPHOS Complex 4 genes CD8 Tem cells



Figure S5. Normalized counts of oxidative phosphorylation complex 4 genes in untreated RA CD8⁺ Tem cells and TCZ treated RA CD8⁺ Tem cells.

OXPHOS Complex 5 genes CD8 Tem cells

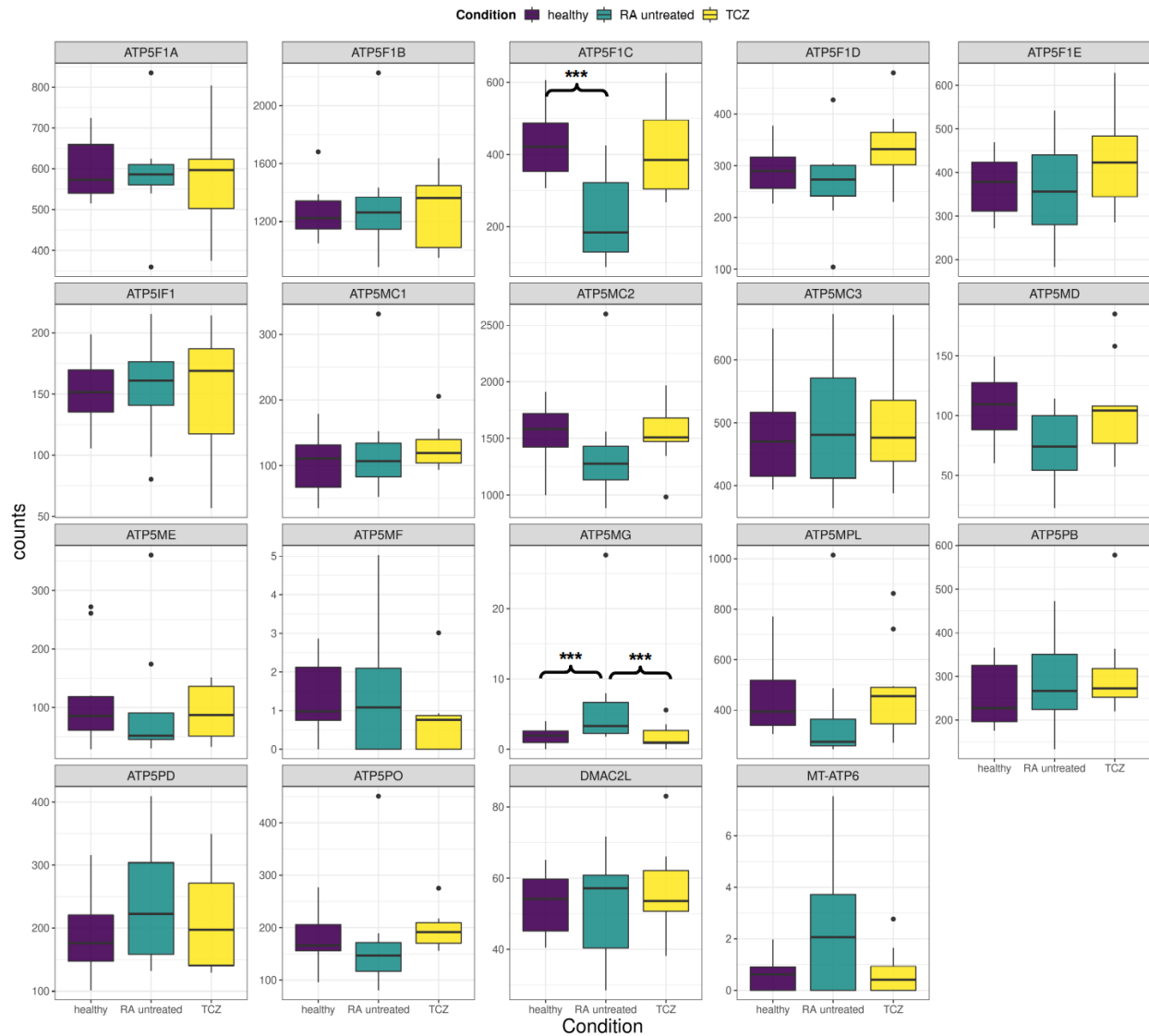


Figure S6. Normalized counts of oxidative phosphorylation complex 5 genes in untreated RA CD8⁺ Tem cells and TCZ treated RA CD8⁺ Tem cells.

Comparison of untreated RA CD8⁺ Tem cells and CD8⁺ Temra cells

The expression levels of genes from glycolysis, pentose phosphate pathway, TCA cycle, Oxidative phosphorylation complex 1, 4 and 5 in the CD8⁺ Tem and CD8⁺ Temra cells from healthy and untreated RA individuals are shown in the following figures. Significant differential expression is marked by asterisk (***)

Glycolysis genes CD8+ Tem and CD8+ Temra cells

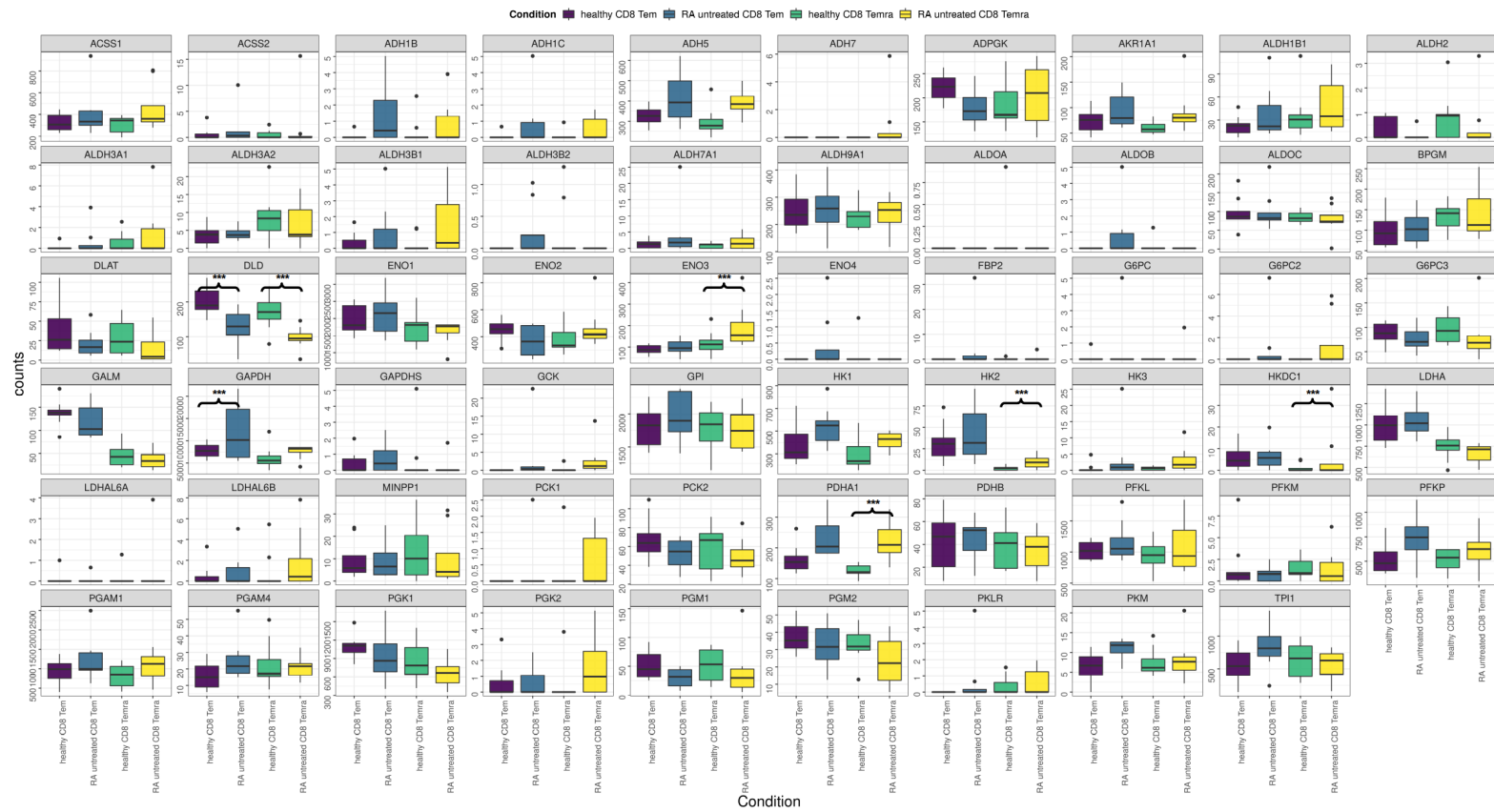


Figure S7. Normalized counts of glycolysis genes in untreated RA CD8+ Tem cells or in untreated RA CD8+ Temra cells

PPP genes CD8+ Tem and CD8+ Temra cells

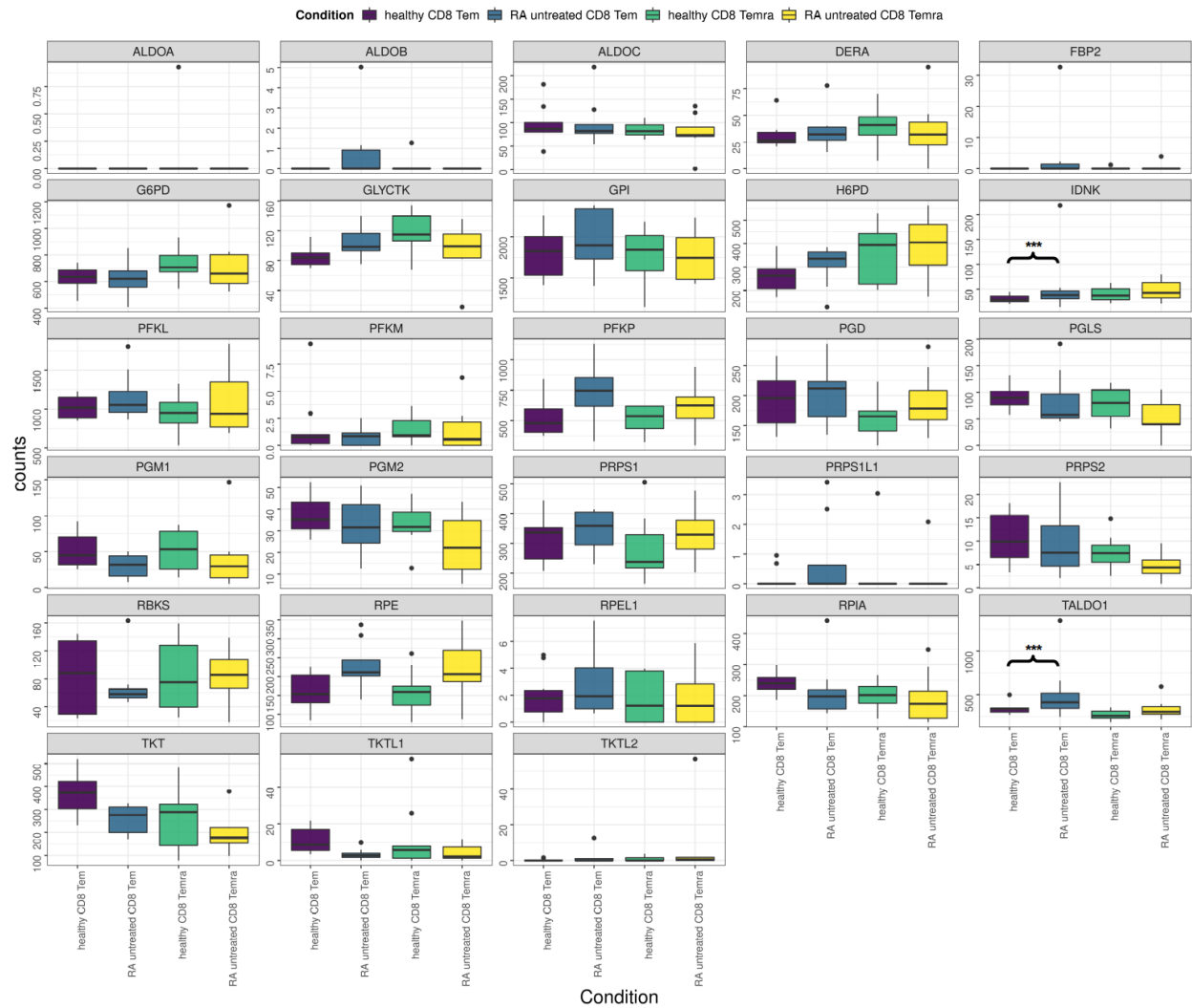


Figure S8. Normalized counts of pentose phosphate pathway genes in untreated RA CD8⁺ Tem cells or in untreated RA CD8⁺ Temra cells

TCA cycle genes CD8⁺ Tem and CD8⁺ Temra cells

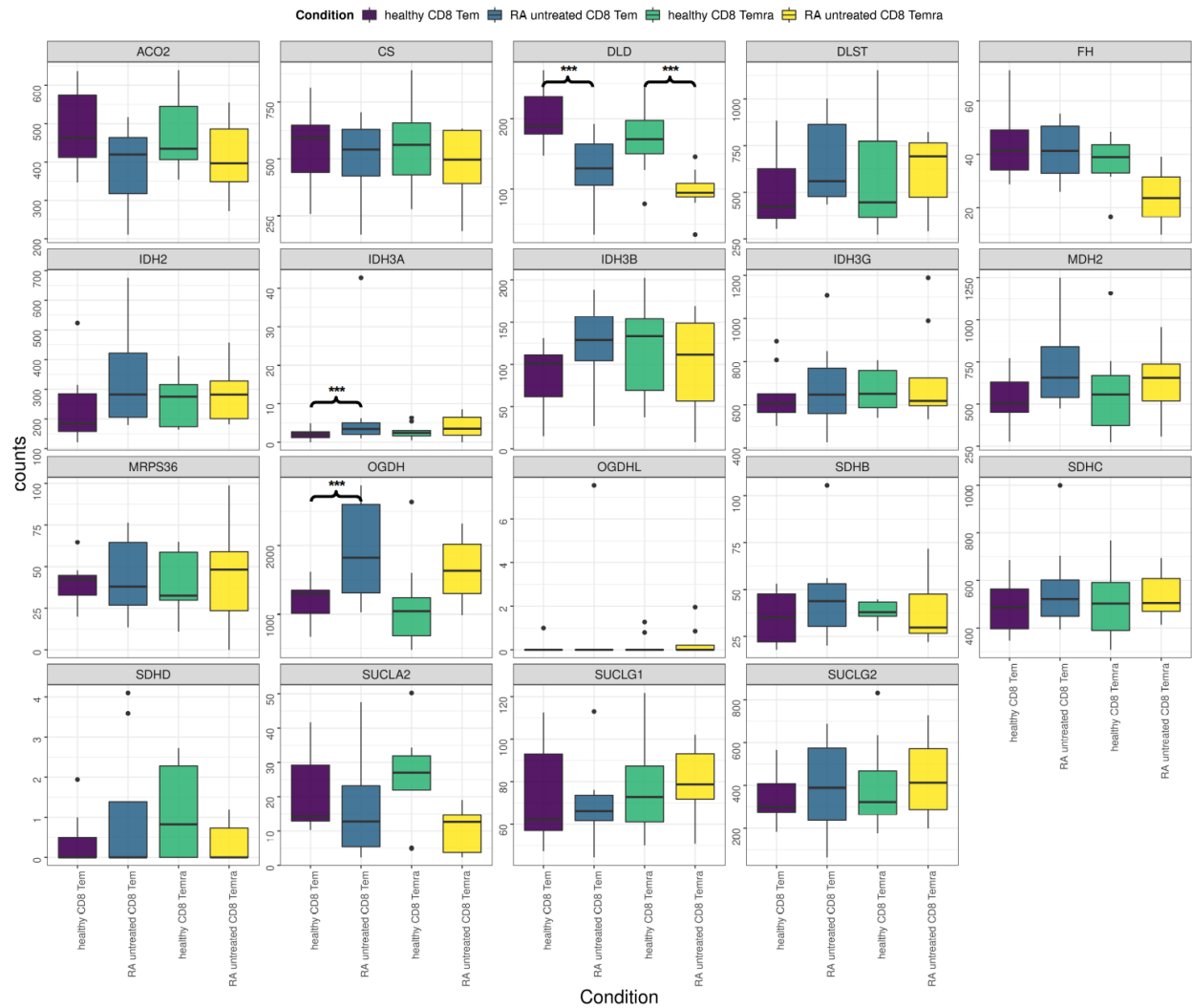


Figure S9. Normalized counts of TCA cycle genes in untreated RA CD8⁺ Tem cells or in untreated RA CD8⁺ Temra cells

OXPHOS Complex 1 genes CD8+ Tem and CD8+ Temra cells

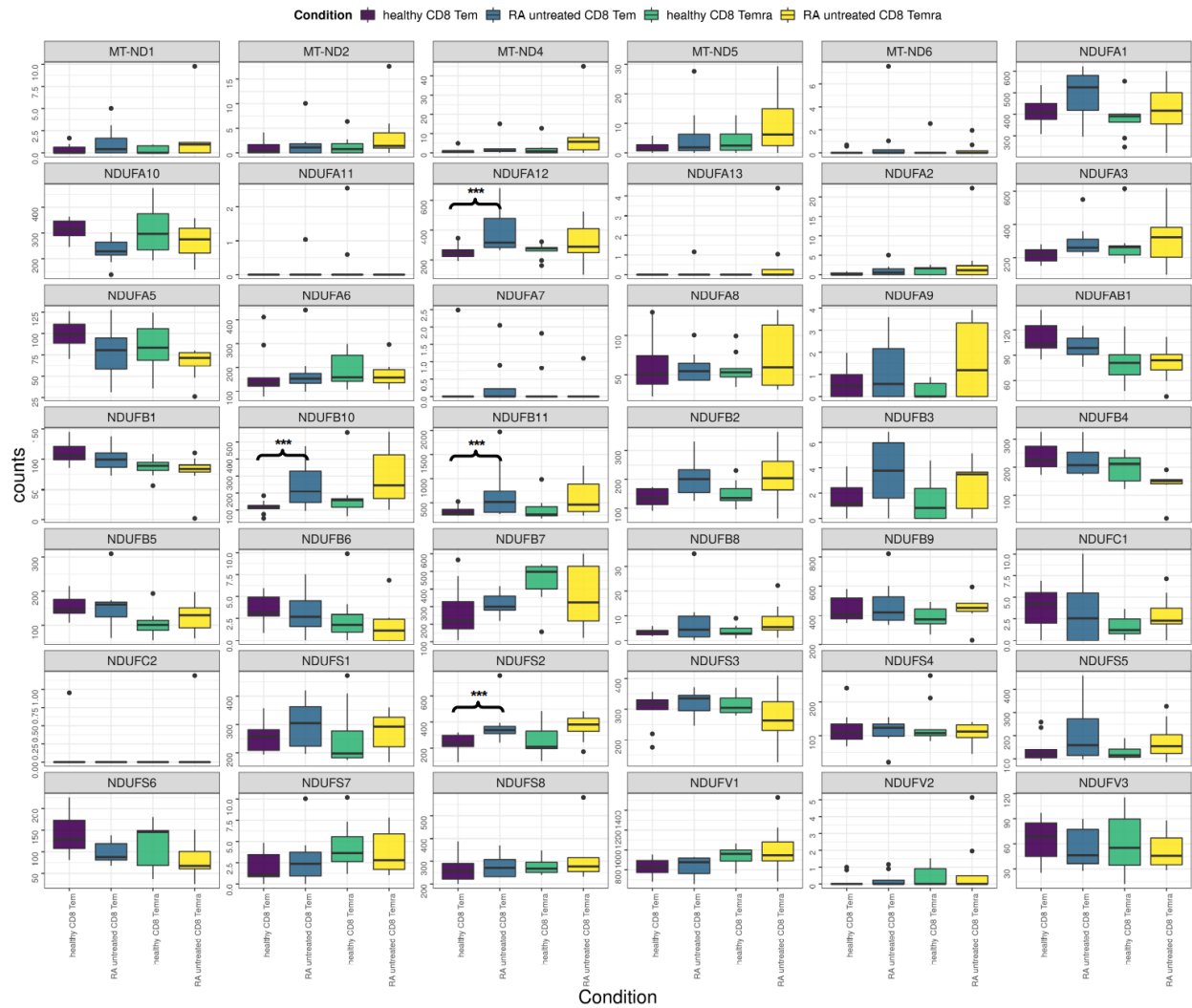


Figure S10. Normalized counts of oxidative phosphorylation complex 1 genes in untreated RA CD8⁺ Tem cells or in untreated RA CD8⁺ Temra cells

OXPHOS Complex 4 genes CD8+ Tem and CD8+ Temra cells

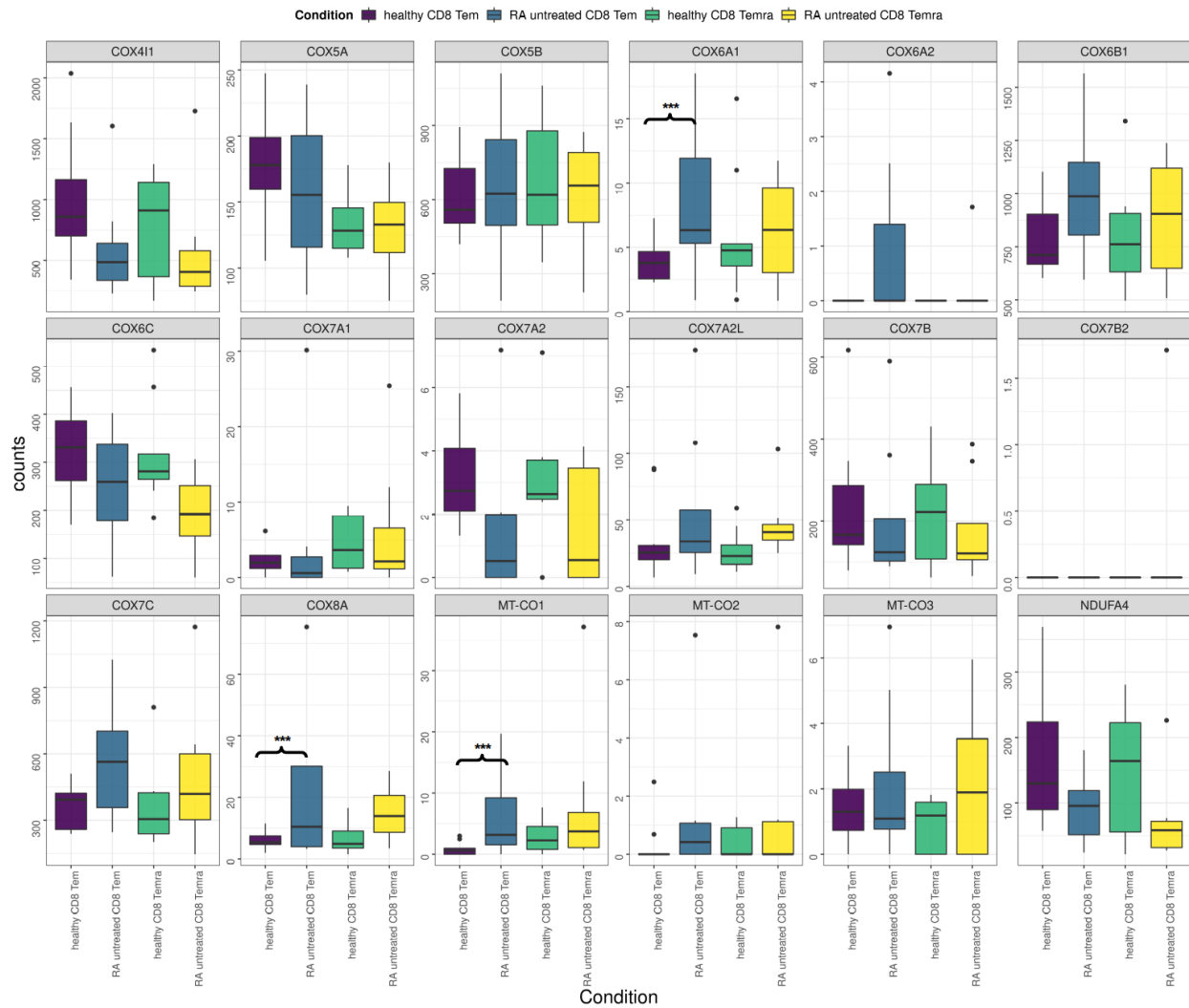


Figure S11. Normalized counts of oxidative phosphorylation complex 4 genes in untreated RA CD8⁺ Tem cells or in untreated RA CD8⁺ Temra cells

OXPHOS Complex 5 genes CD8+ Tem and CD8+ Temra cells

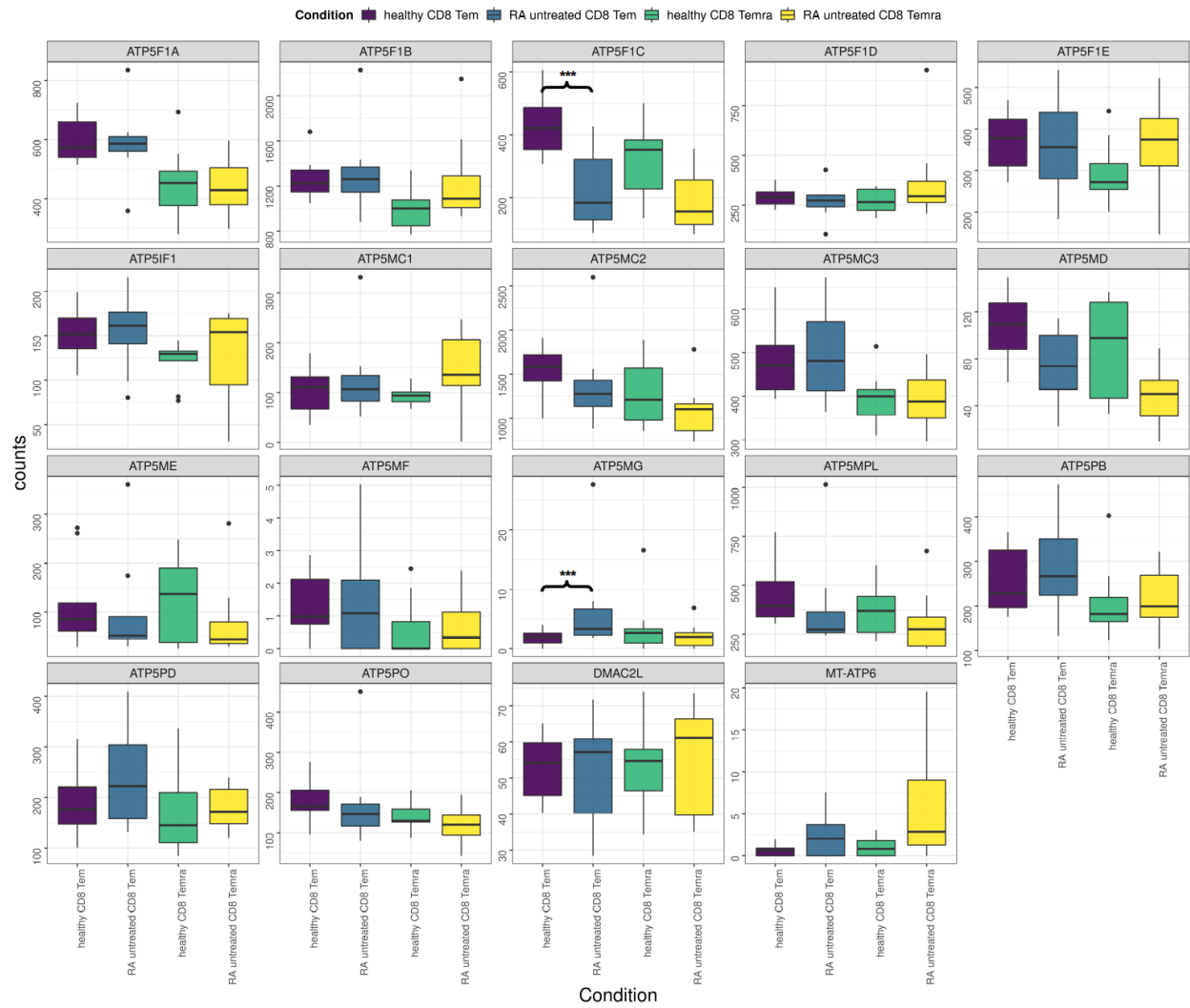


Figure S12. Normalized counts of oxidative phosphorylation complex 45 genes in untreated RA CD8⁺ Tem cells or in untreated RA CD8⁺ Temra cells