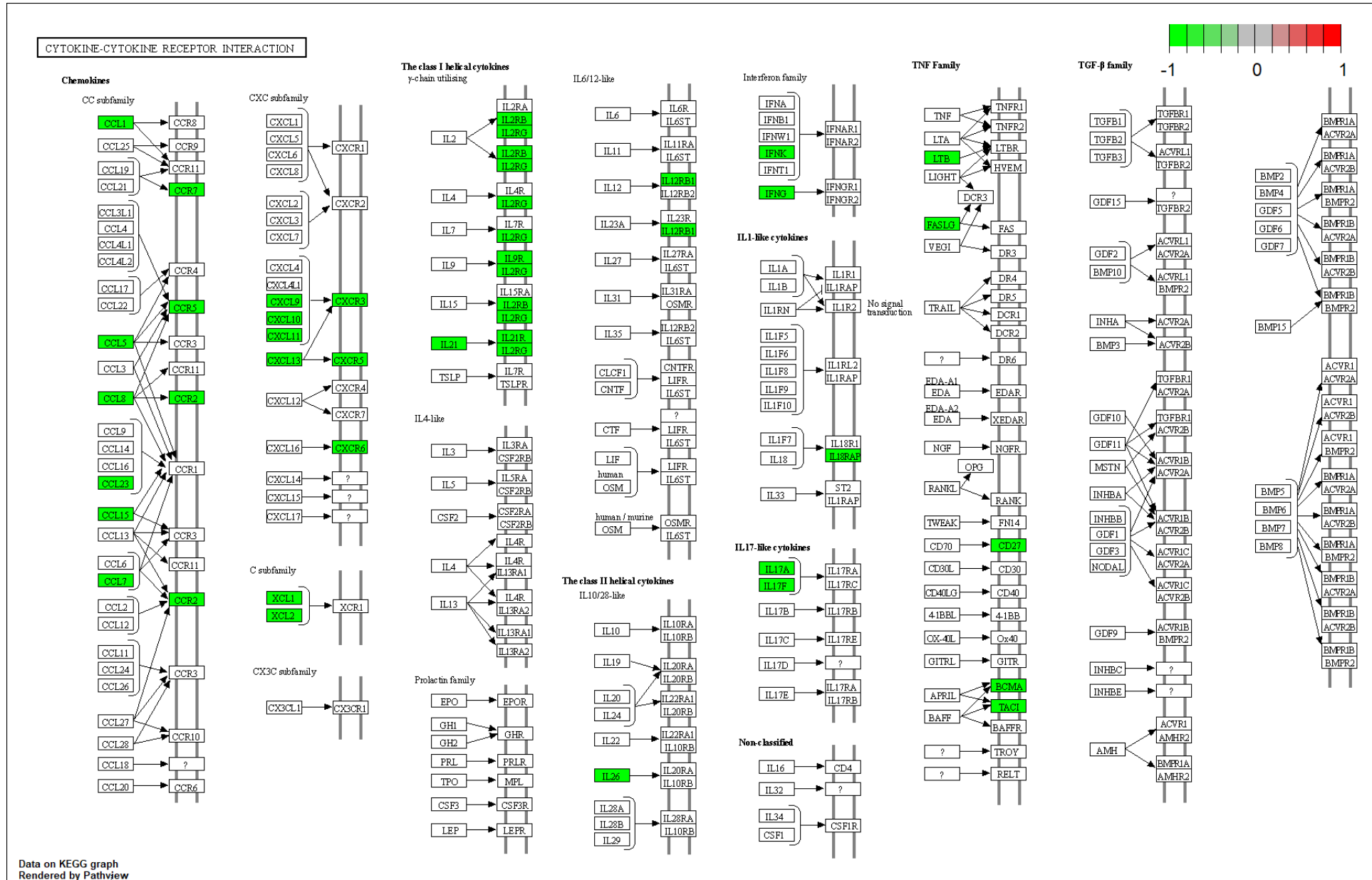
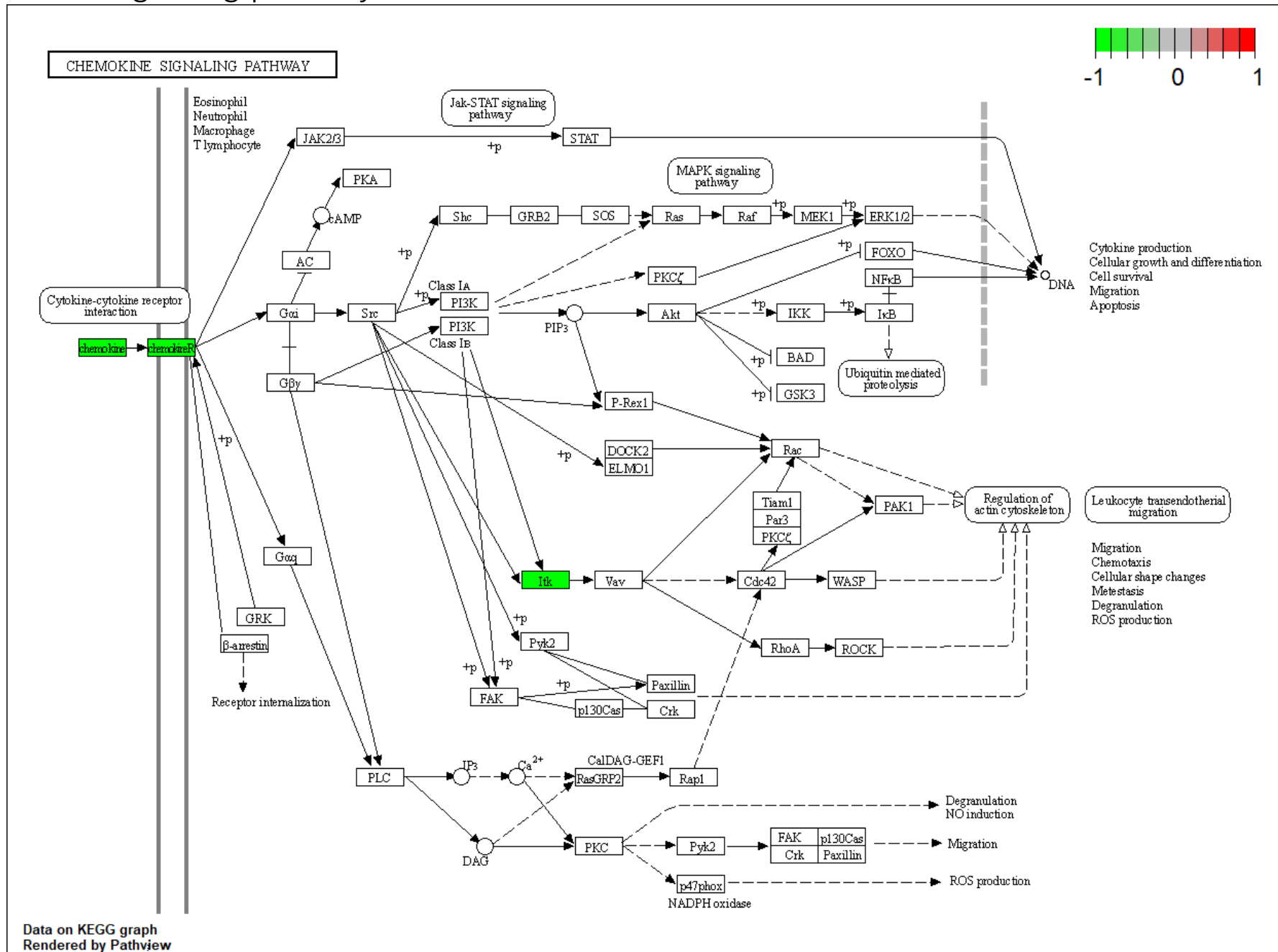


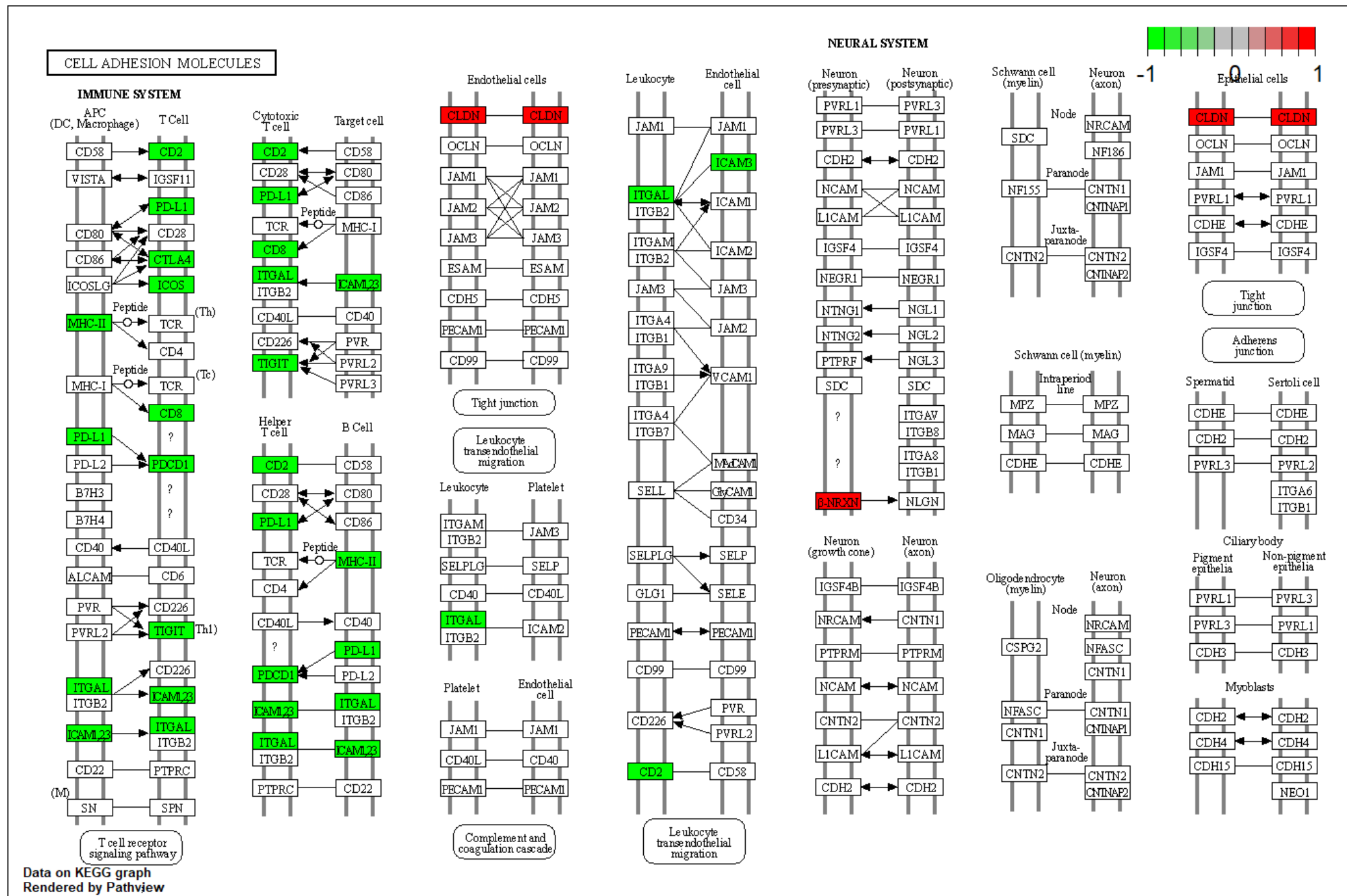
S1. Cytokine-cytokine receptor interaction pathway



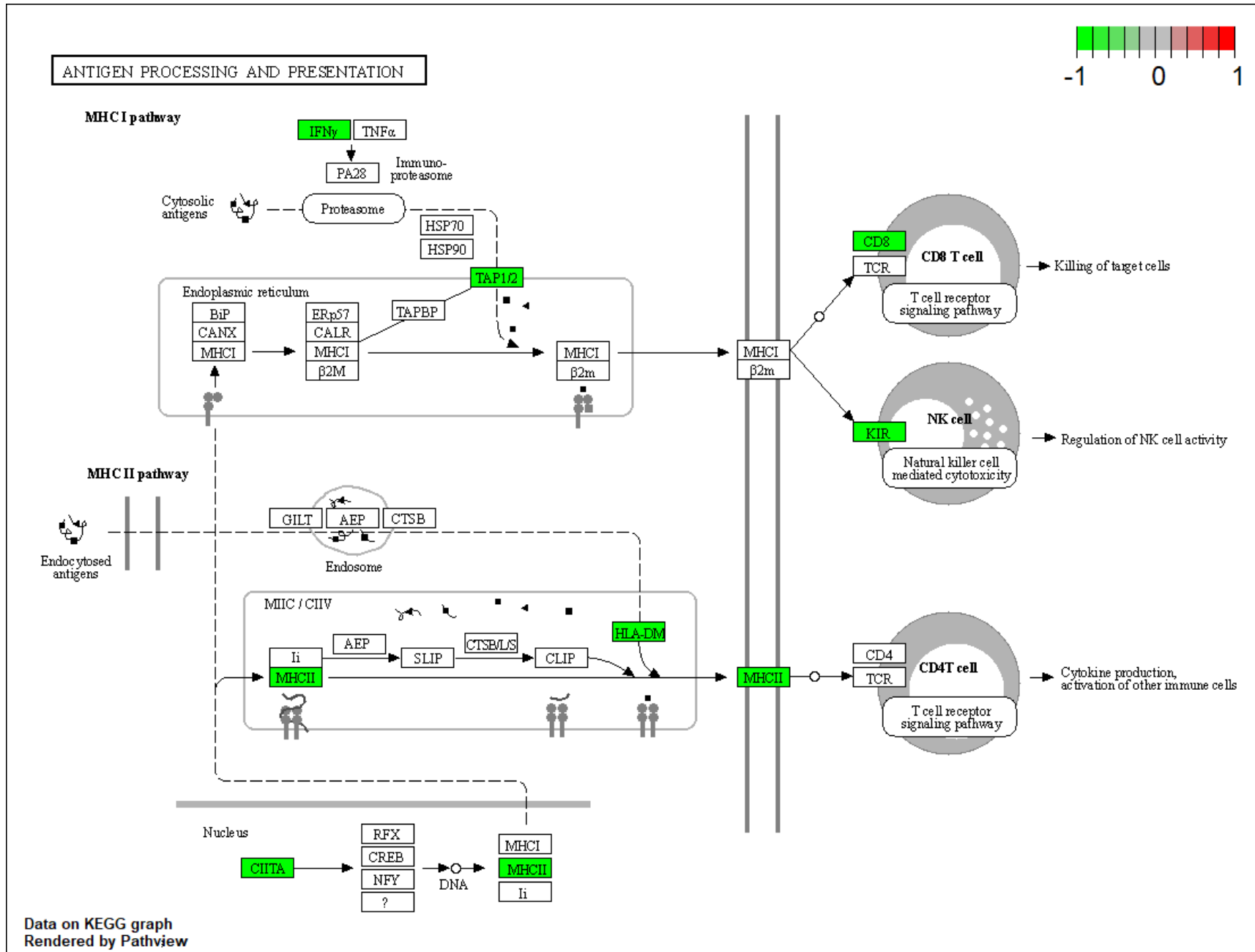
S3. Chemokine signaling pathway



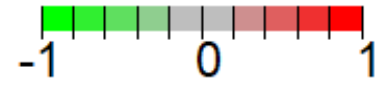
S4. Cell adhesion molecules pathway



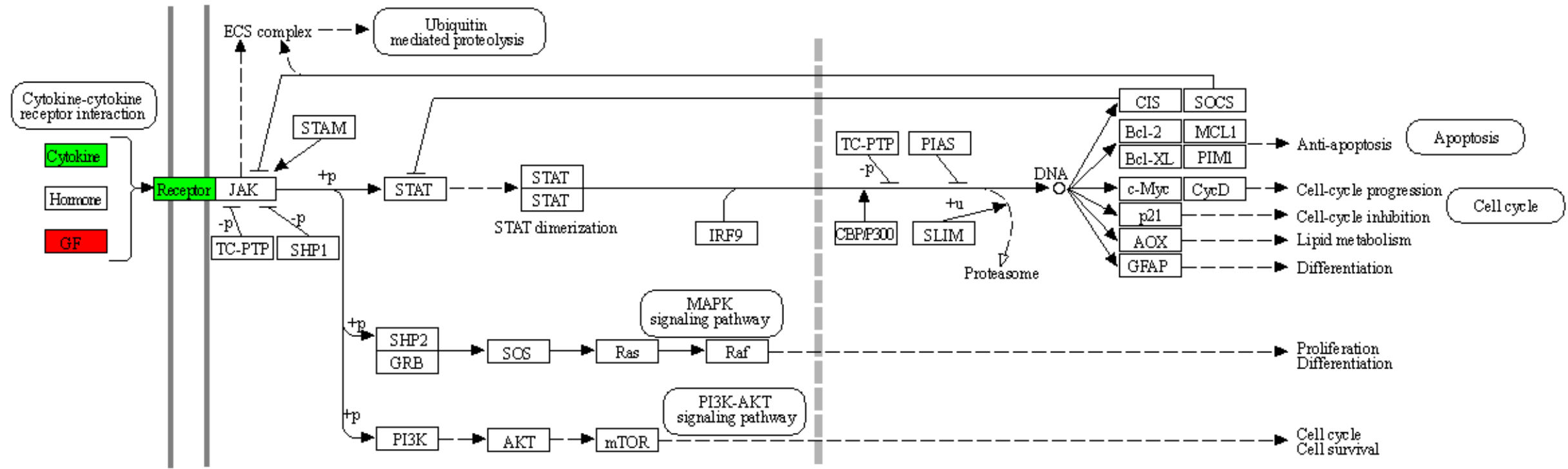
S5. Antigen processing and presentation pathway



S6. Jak-stat signaling pathway

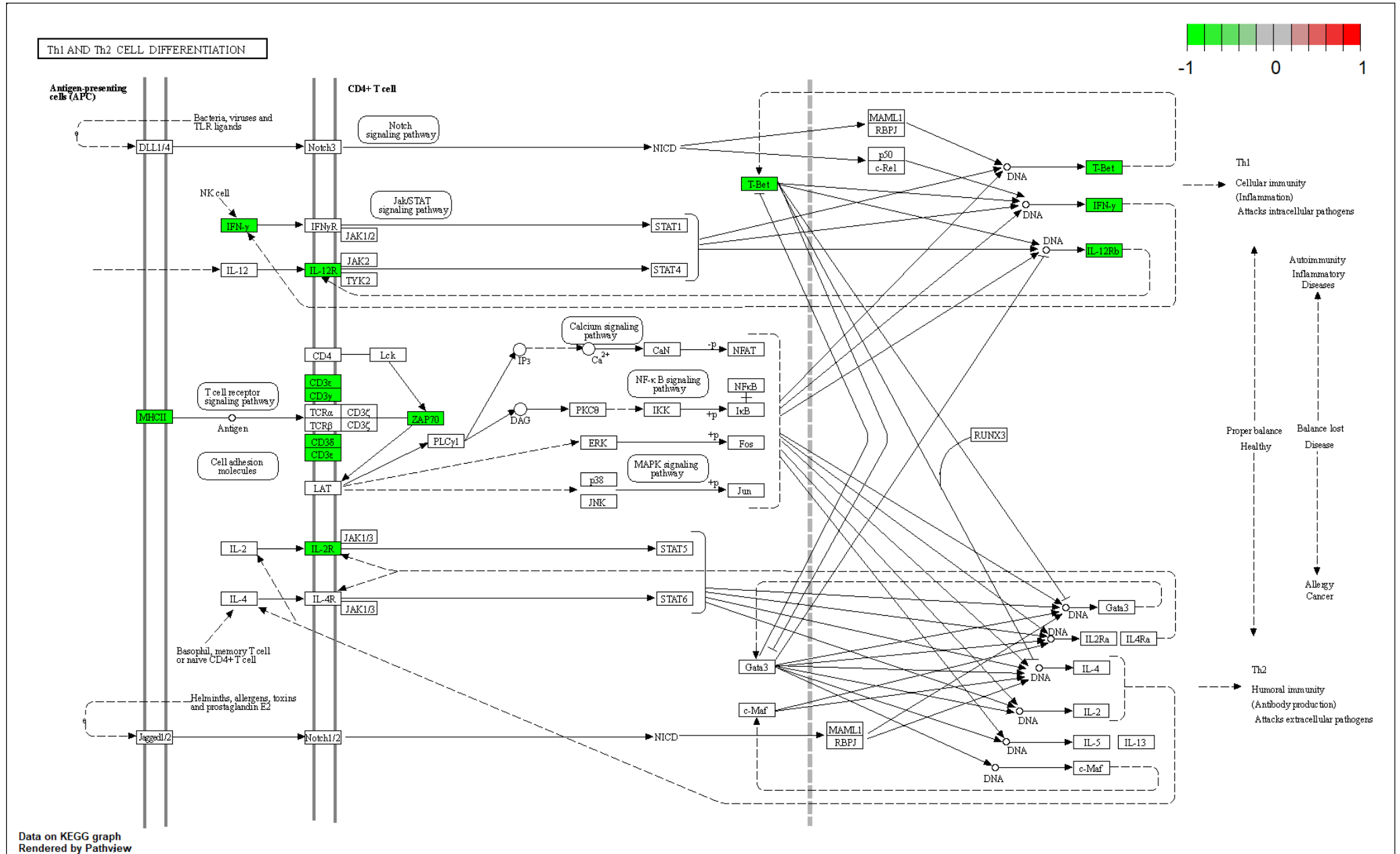


JAK-STAT SIGNALING PATHWAY

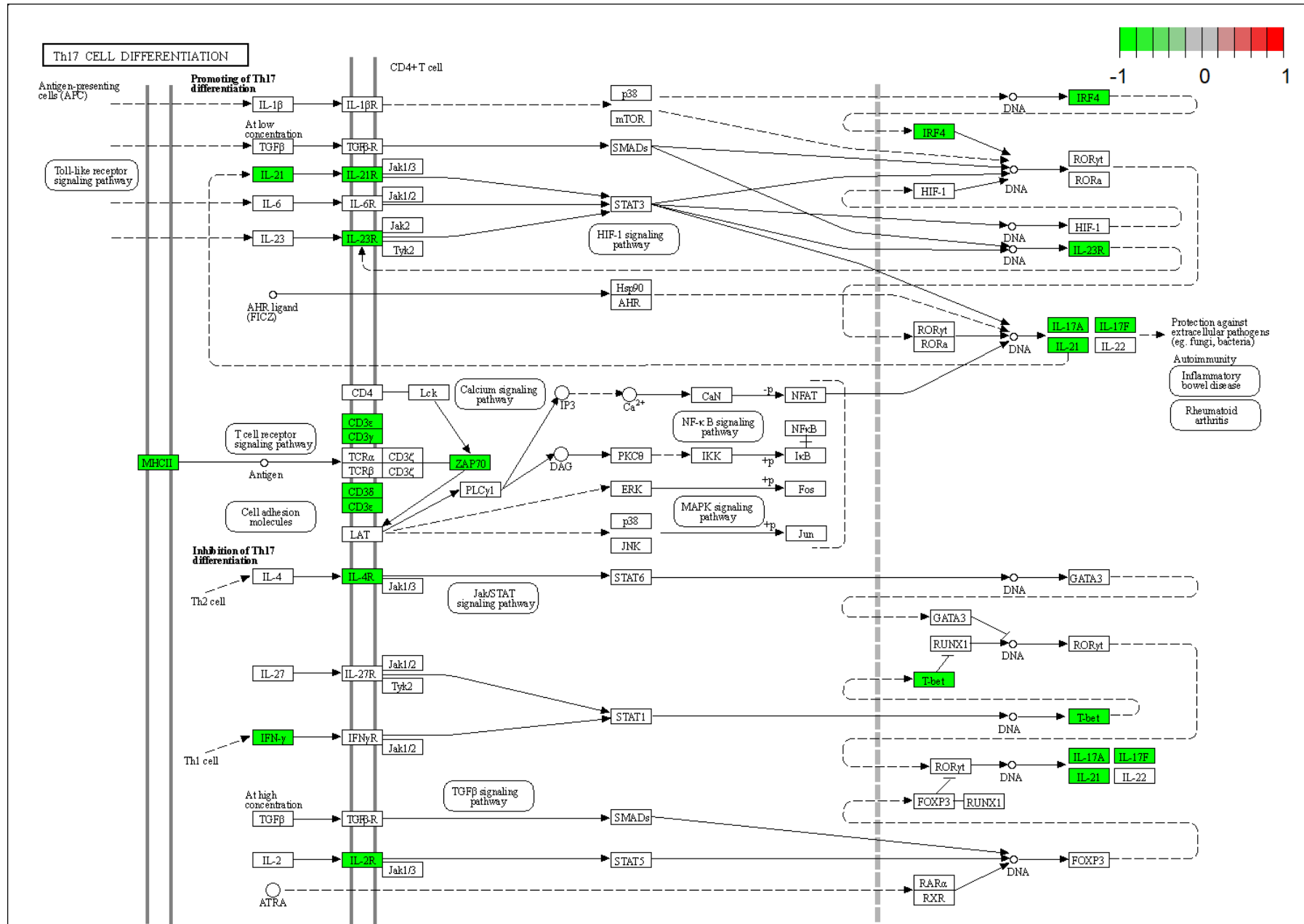


Data on KEGG graph
Rendered by Pathview

S9. Th1 and Th2 cell differentiation pathway

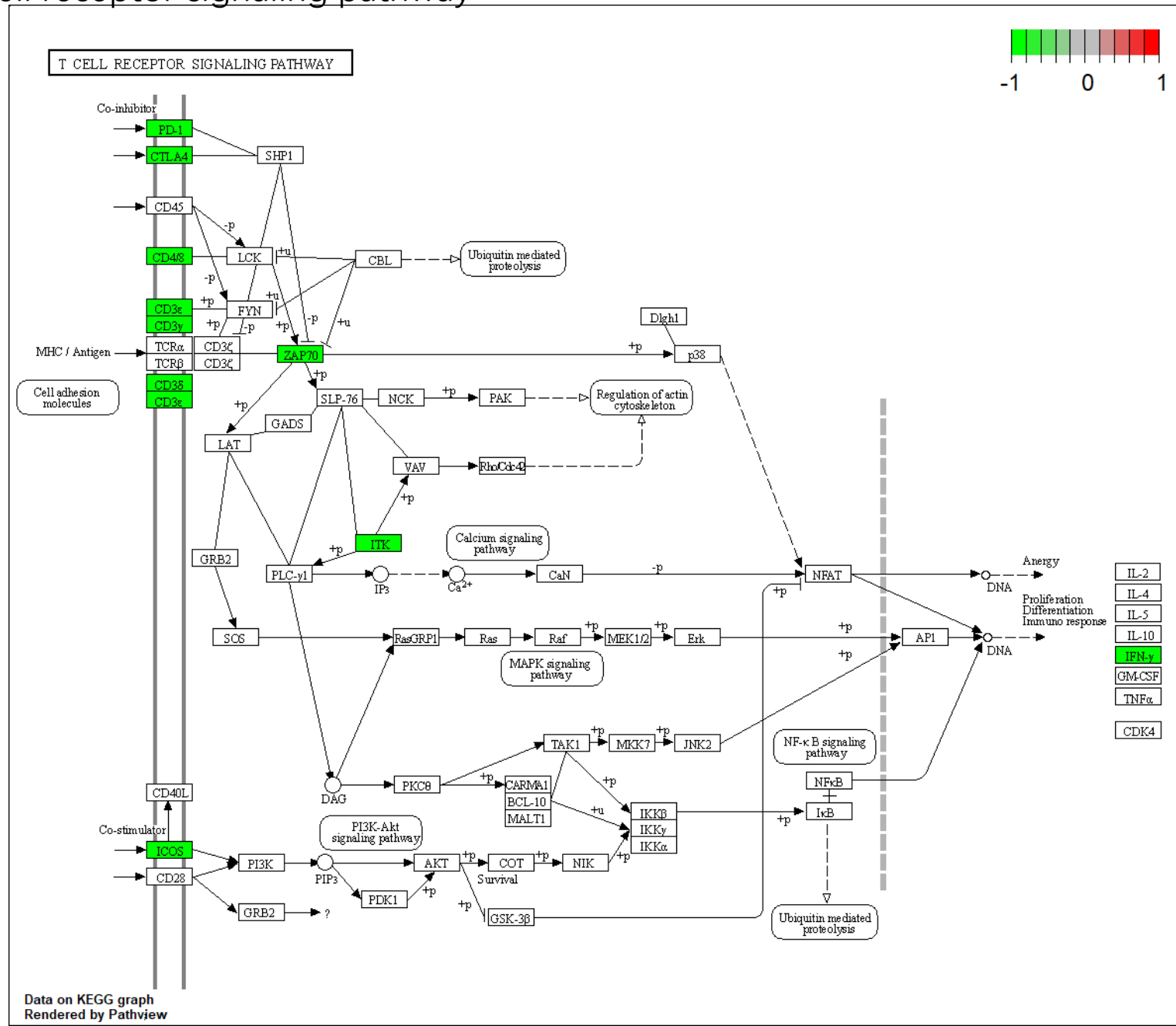


S10. Th17 cell differentiation pathway

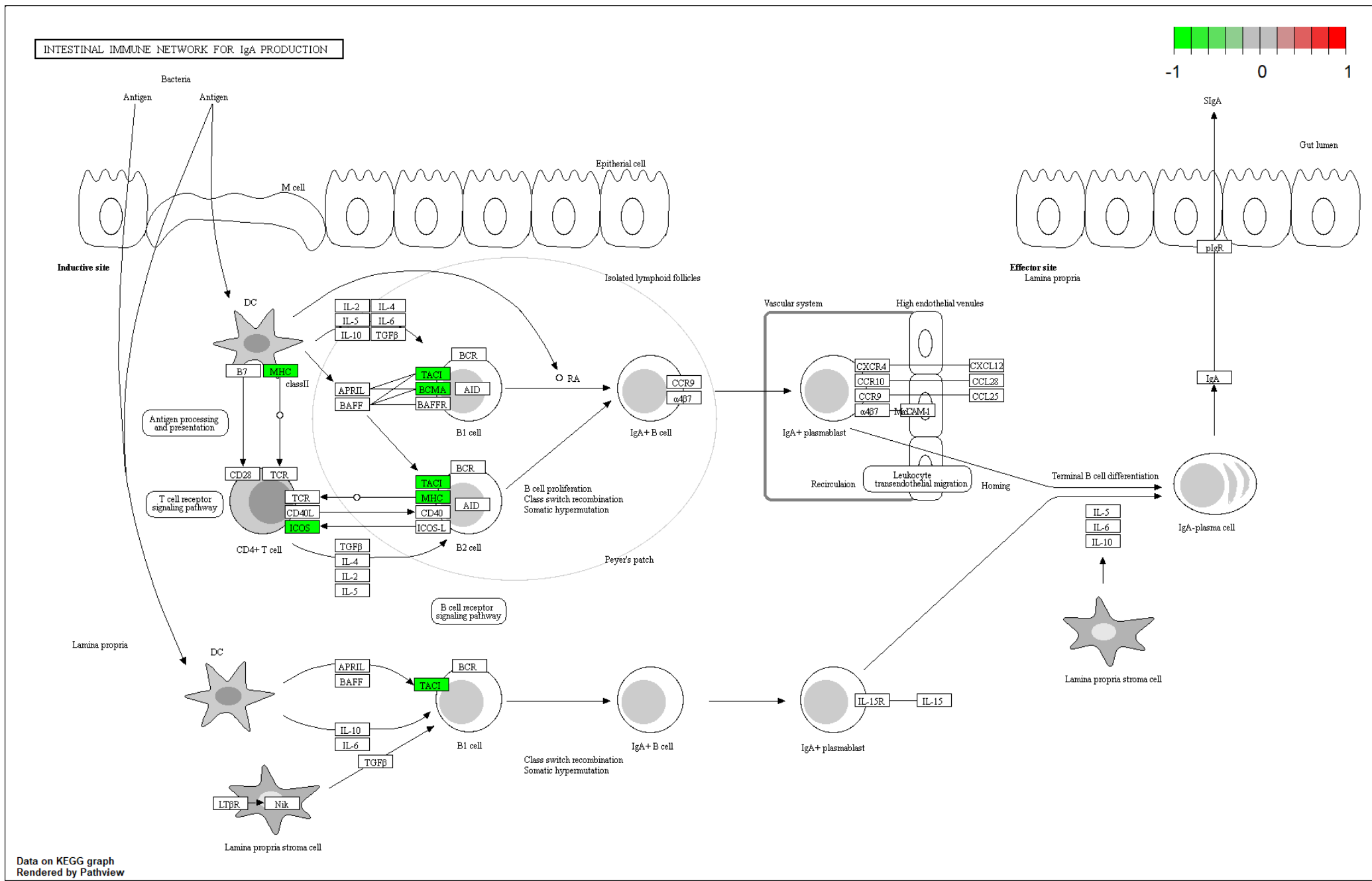


Data on KEGG graph
Rendered by Pathview

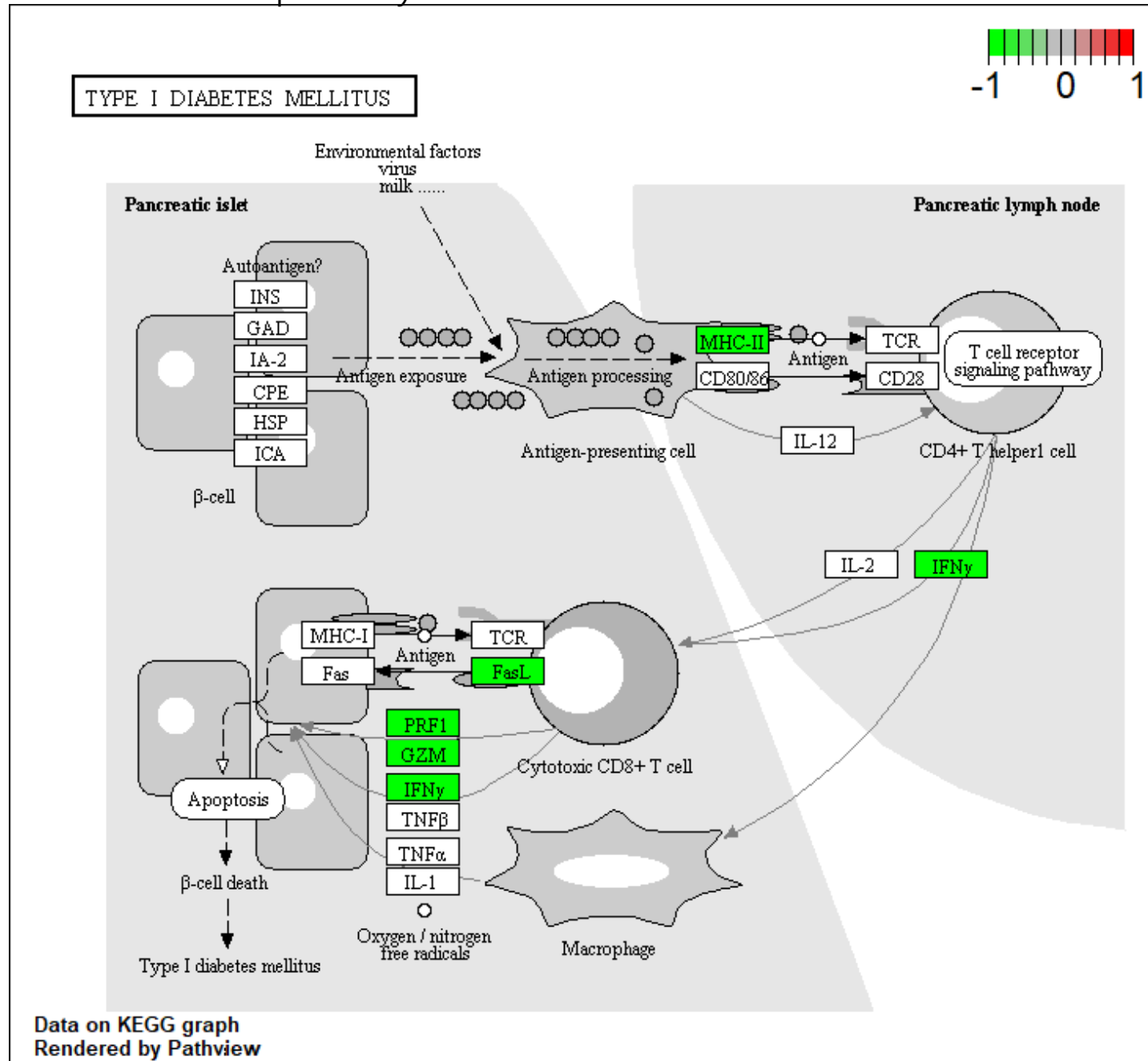
S11. T cell receptor signaling pathway



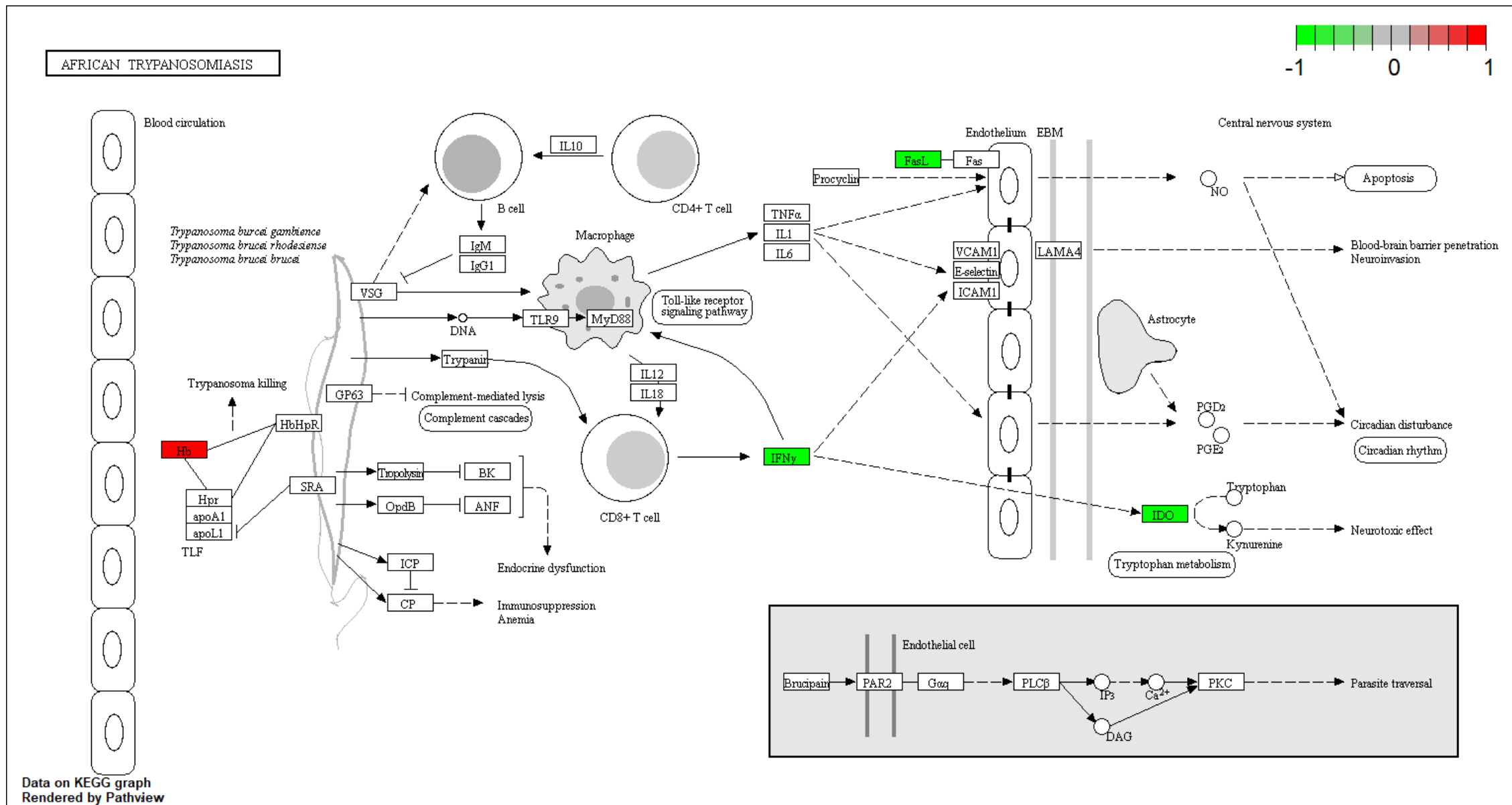
S12. Intestinal immune network for IgA production pathway



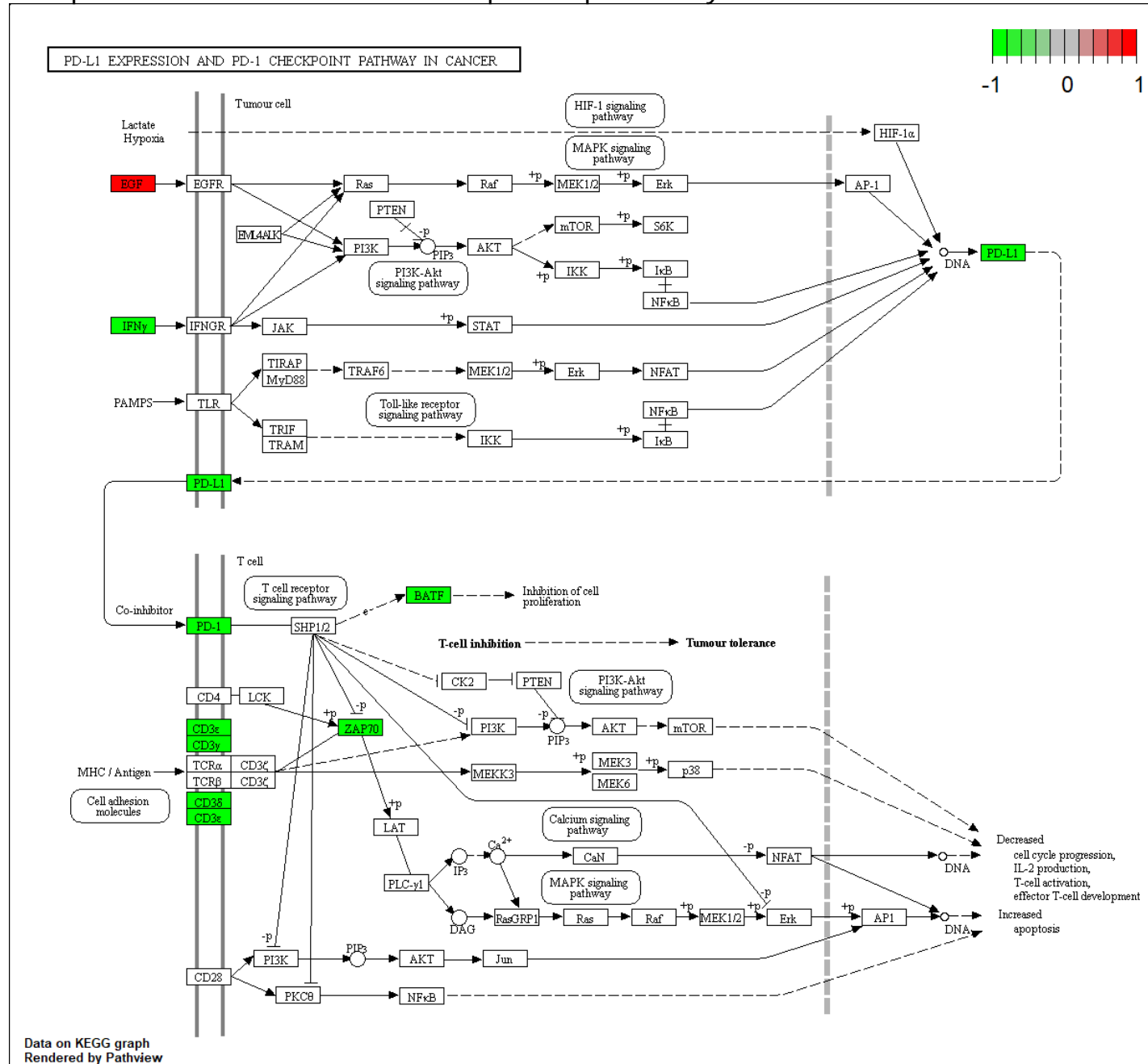
S13. Type I diabetes mellitus pathway



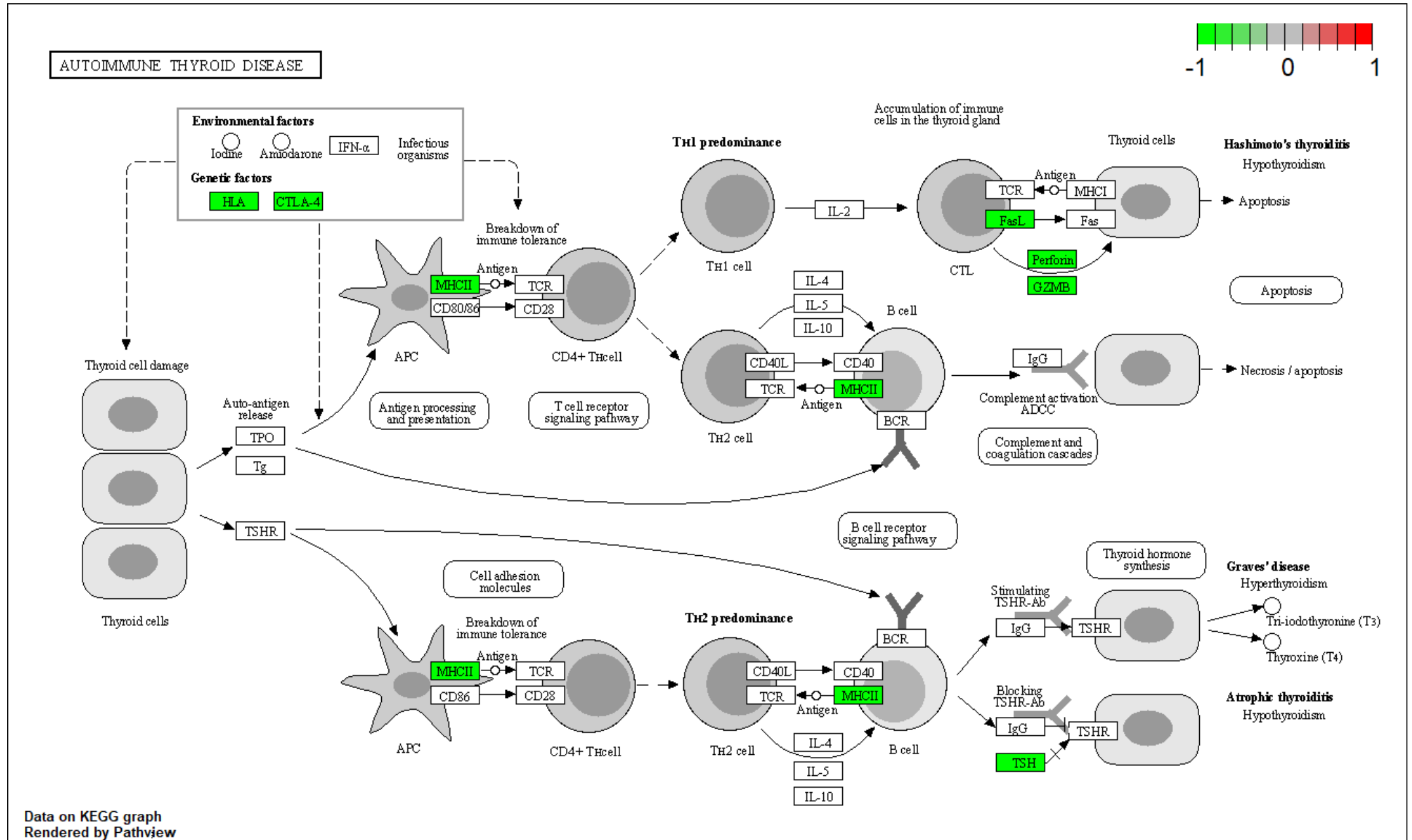
S14. African trypanosomiasis pathway



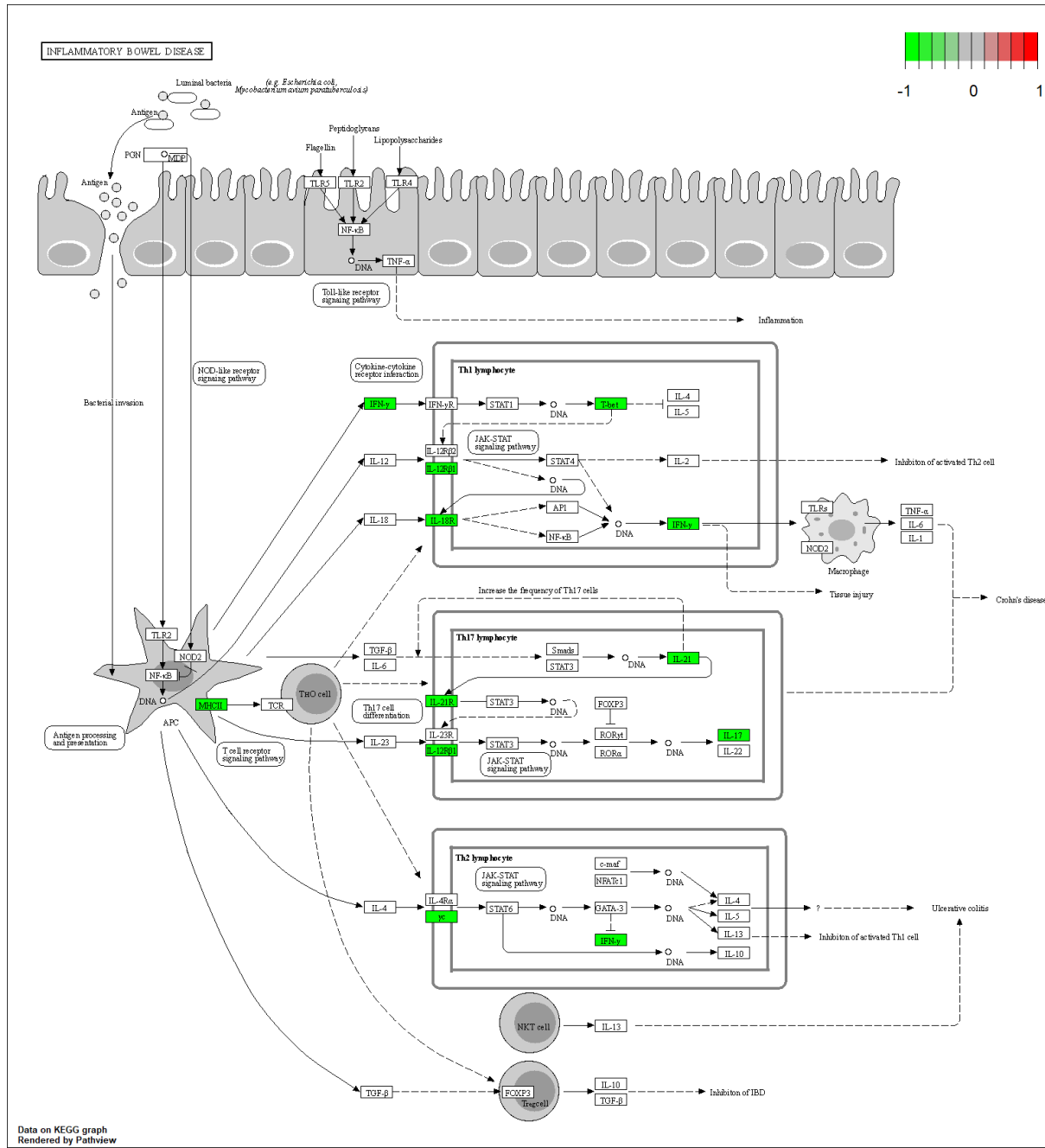
S15. PD-L1 expression and PD-1 checkpoint pathway in cancer



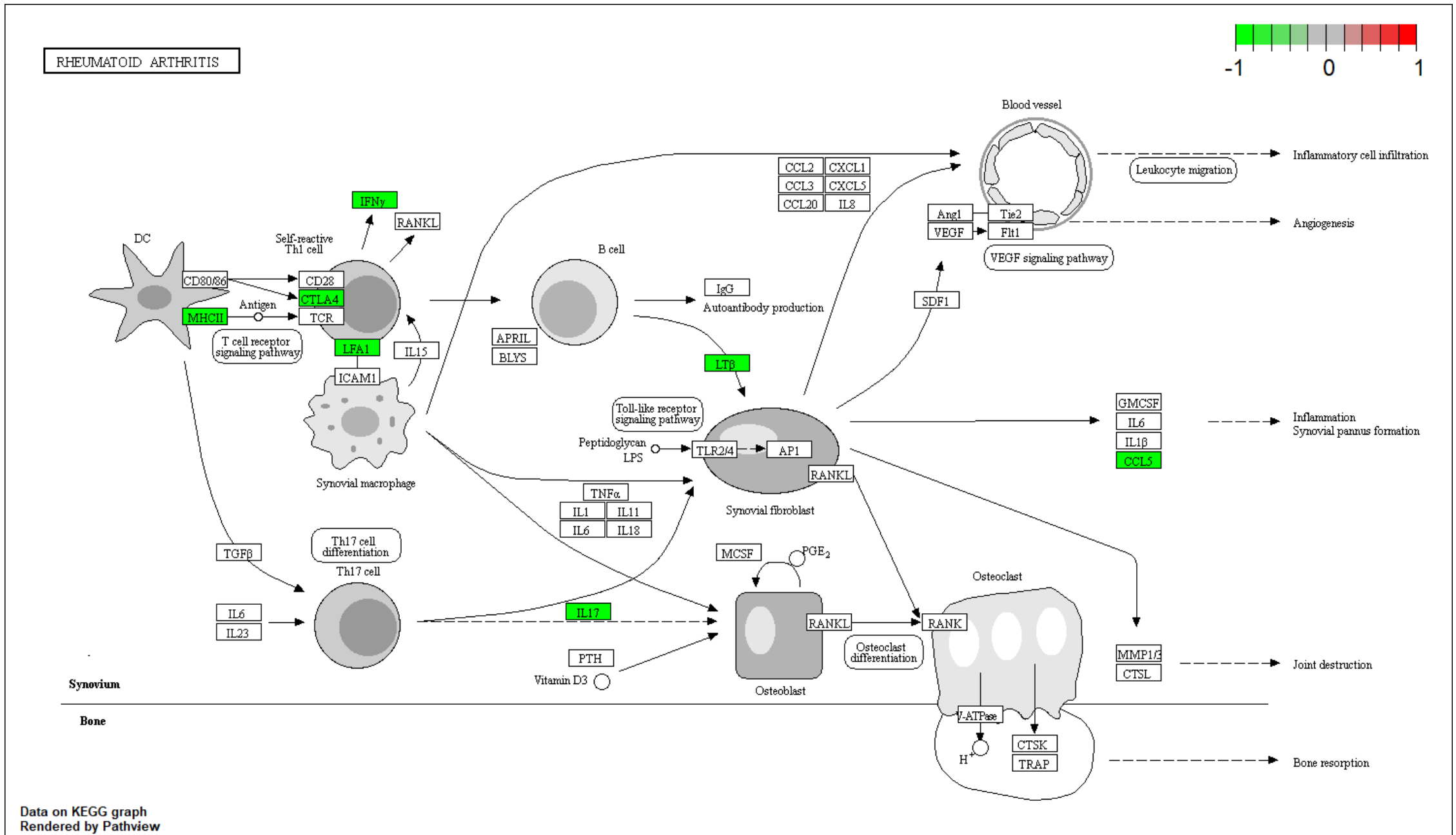
S16. Autoimmune thyroid disease pathway



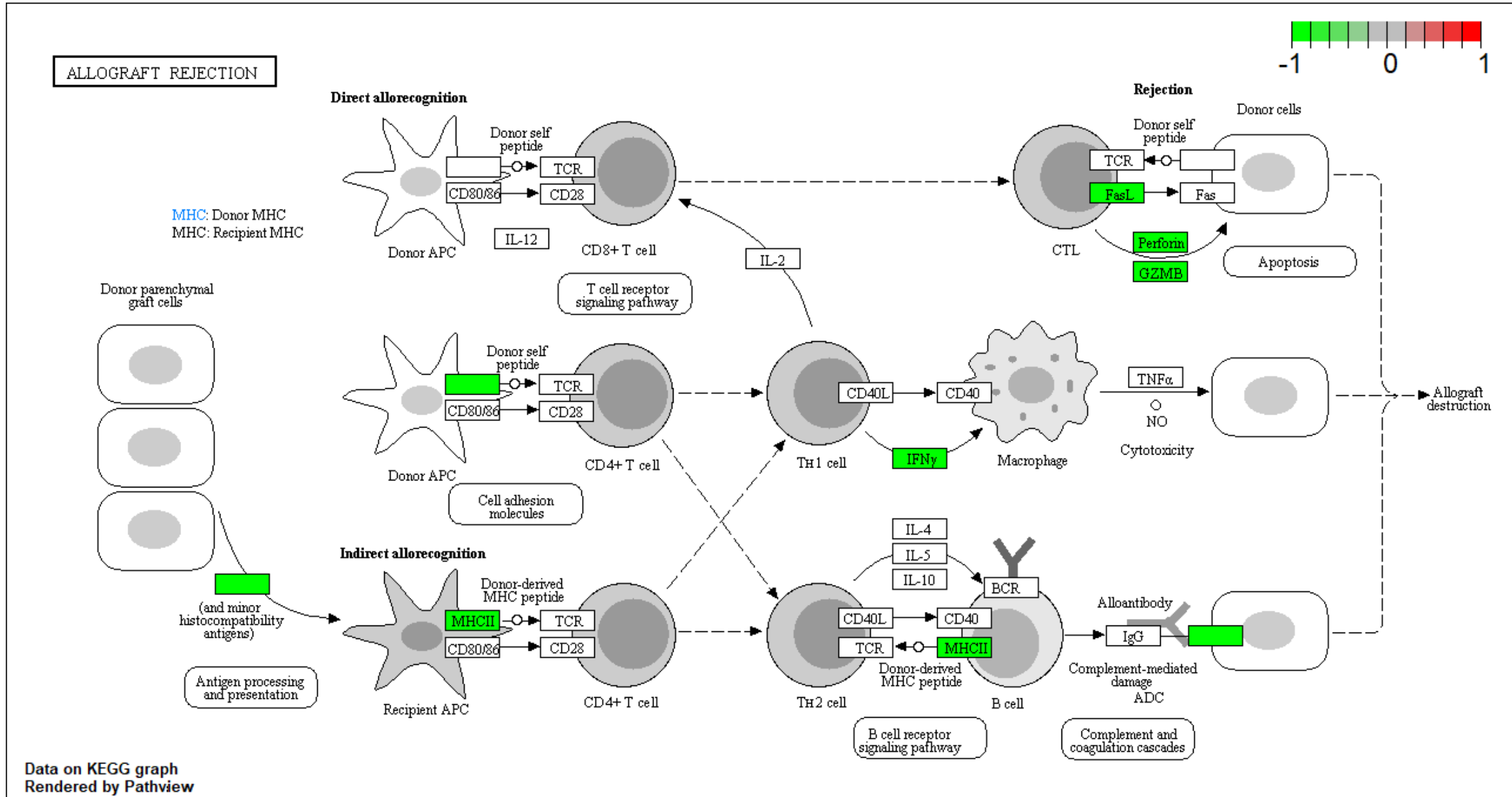
S17. Inflammatory bowel disease pathway



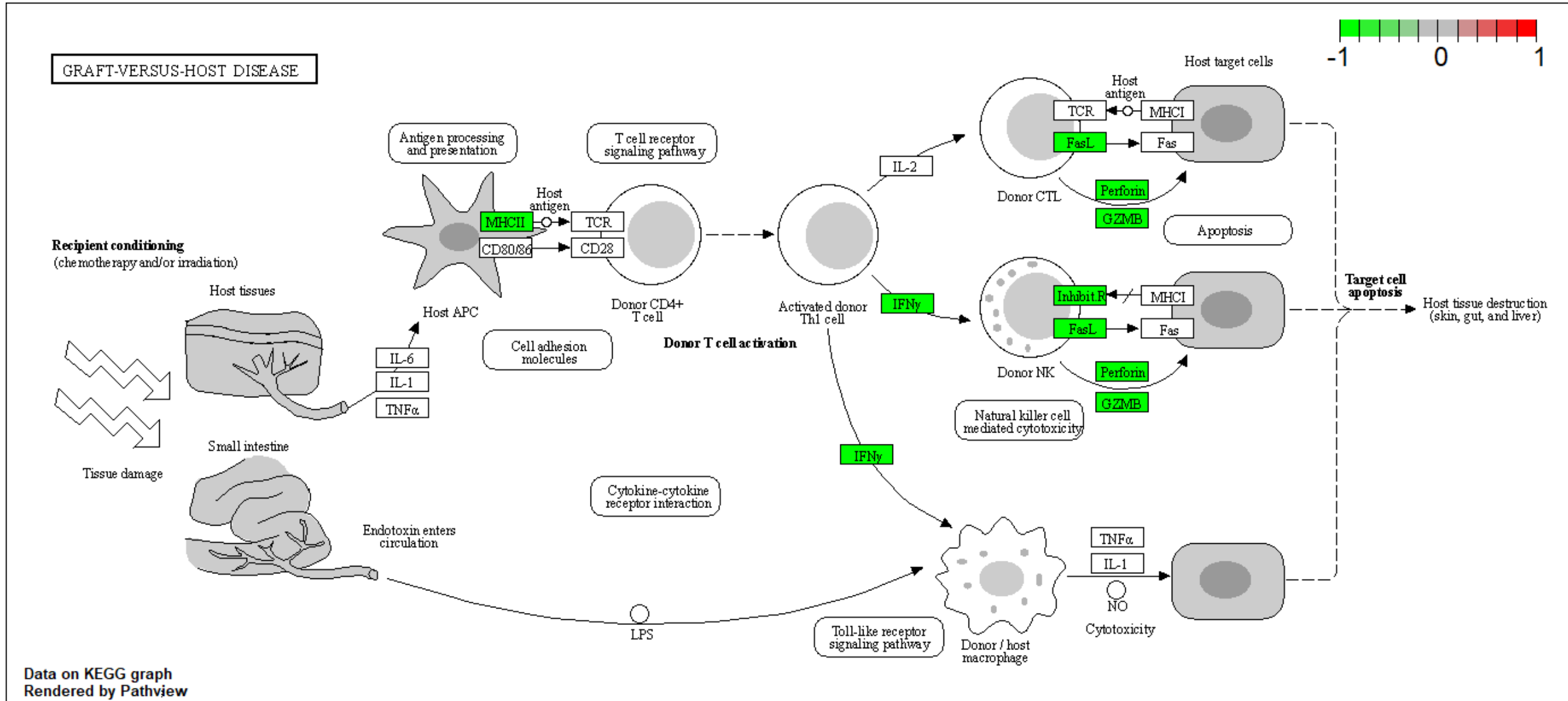
S18. Rheumatoid arthritis pathway



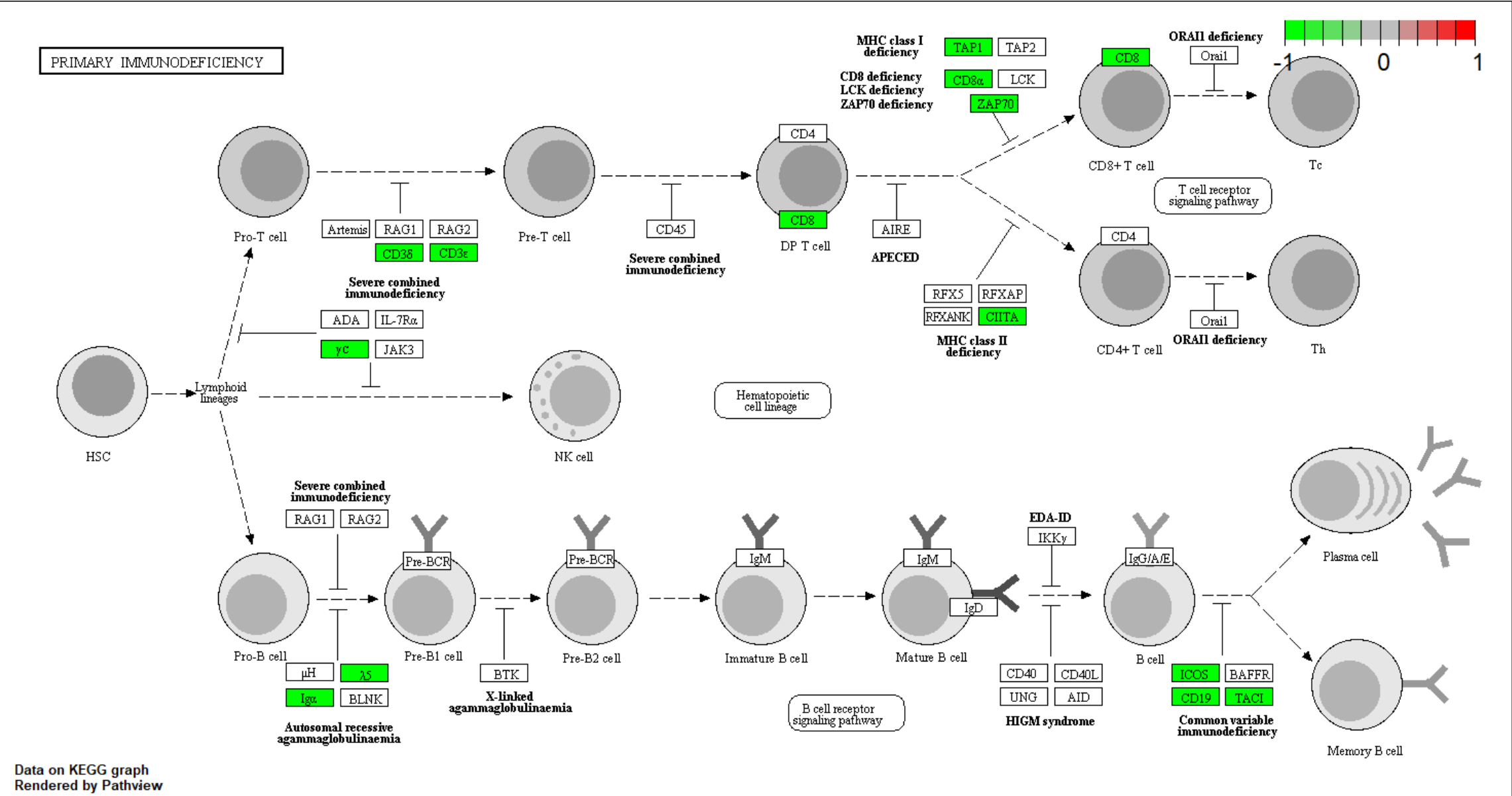
S19. Allograft rejection pathway



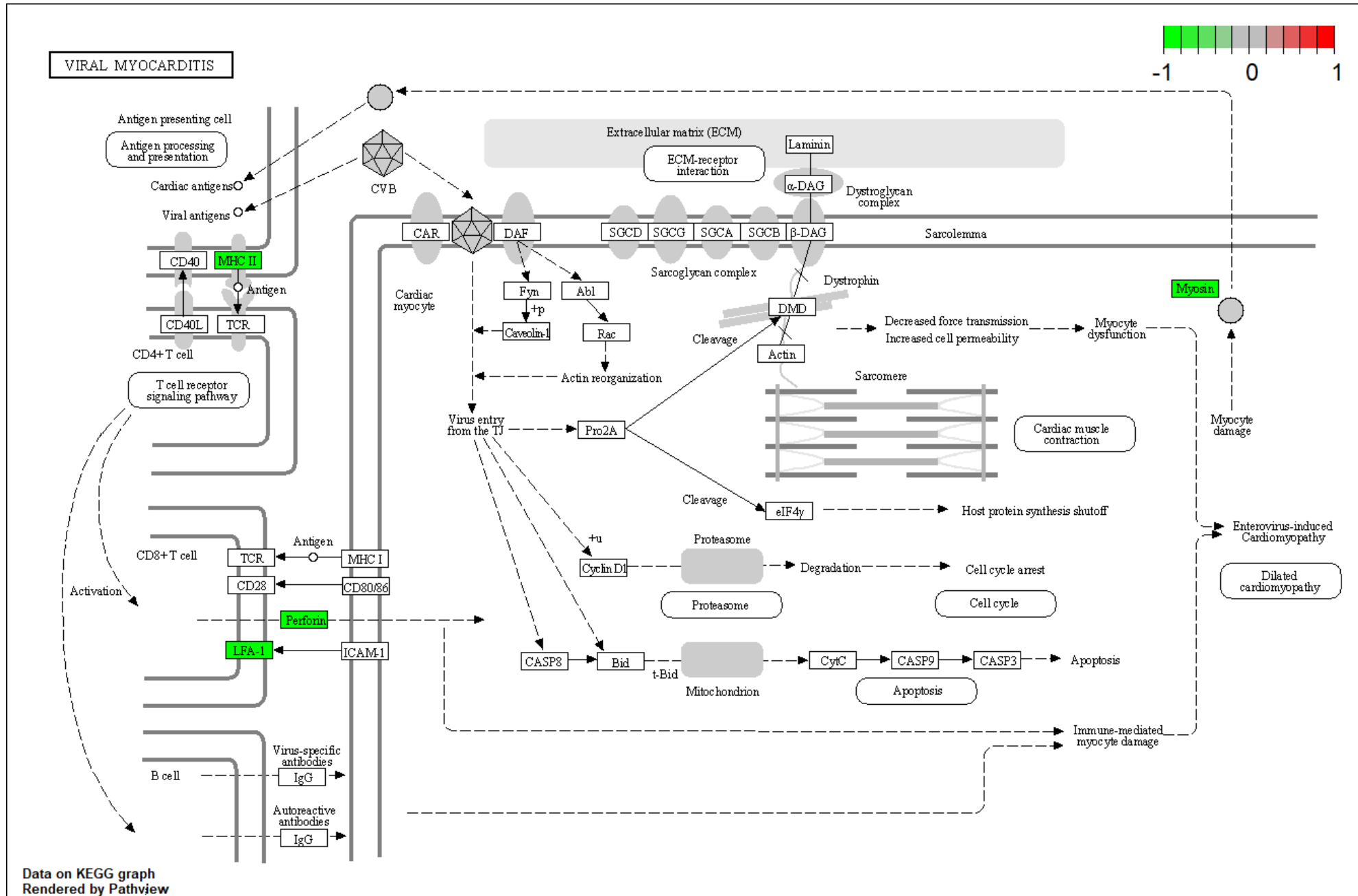
S20. Graft-versus-host disease pathway



S21. Primary immunodeficiency pathway



S22. Viral myocarditis pathway



S23. Gene sets enriched in GSEA analysis

