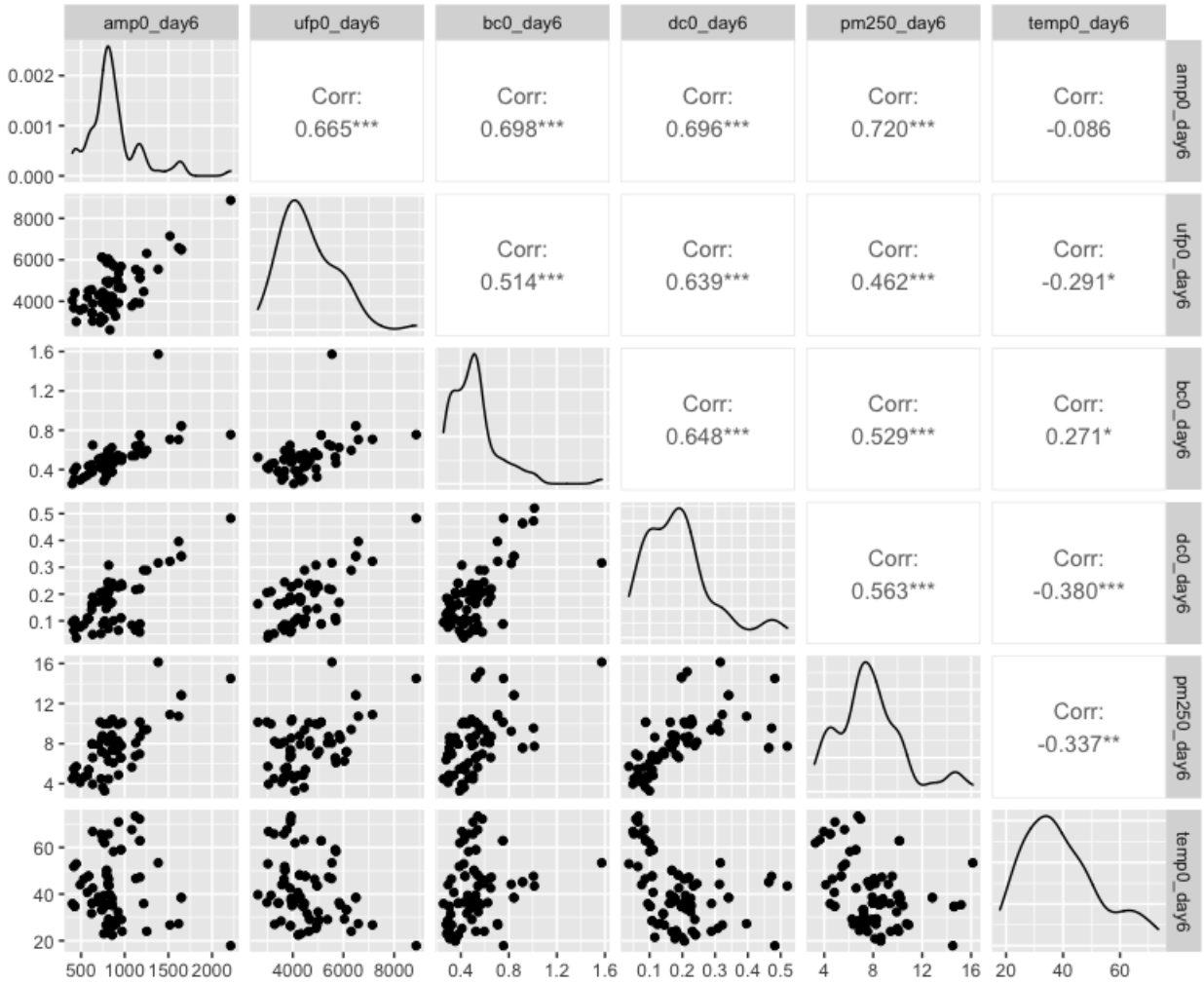

Figure S1: Correlation matrix of pollutants and temperature at the 0-6 day lag period.
* $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$

Figure S2: Gene expression heatmap of the Protoporphyrinogen IX Biosynthetic Process pathway sorted by diagnosis and concentration of Delta-C during lag days 0-6

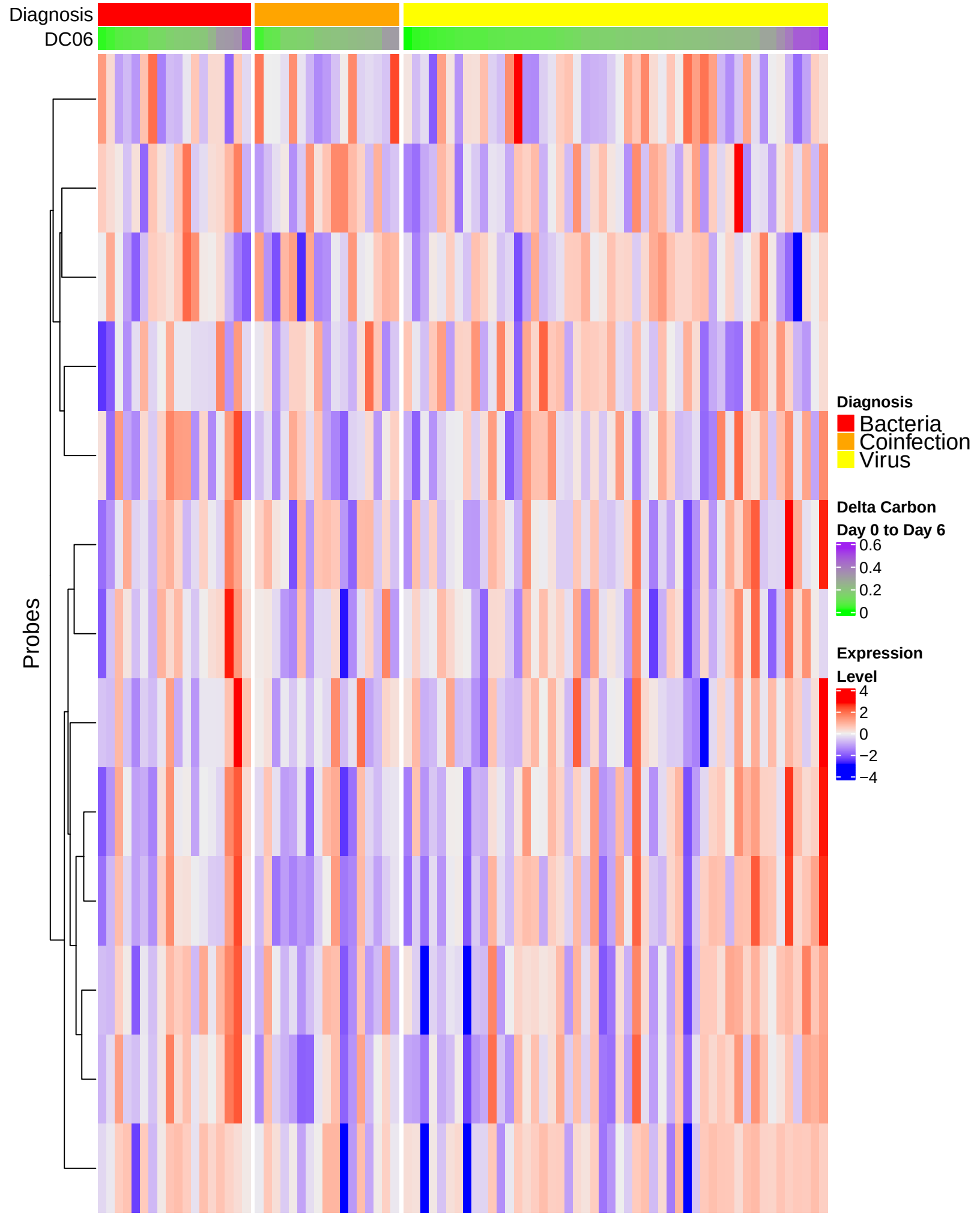

Figure S3: Gene expression heatmap of the Protoporphyrinogen IX Biosynthetic Process pathway sorted by diagnosis and concentration of Delta-C during lag days 21-27

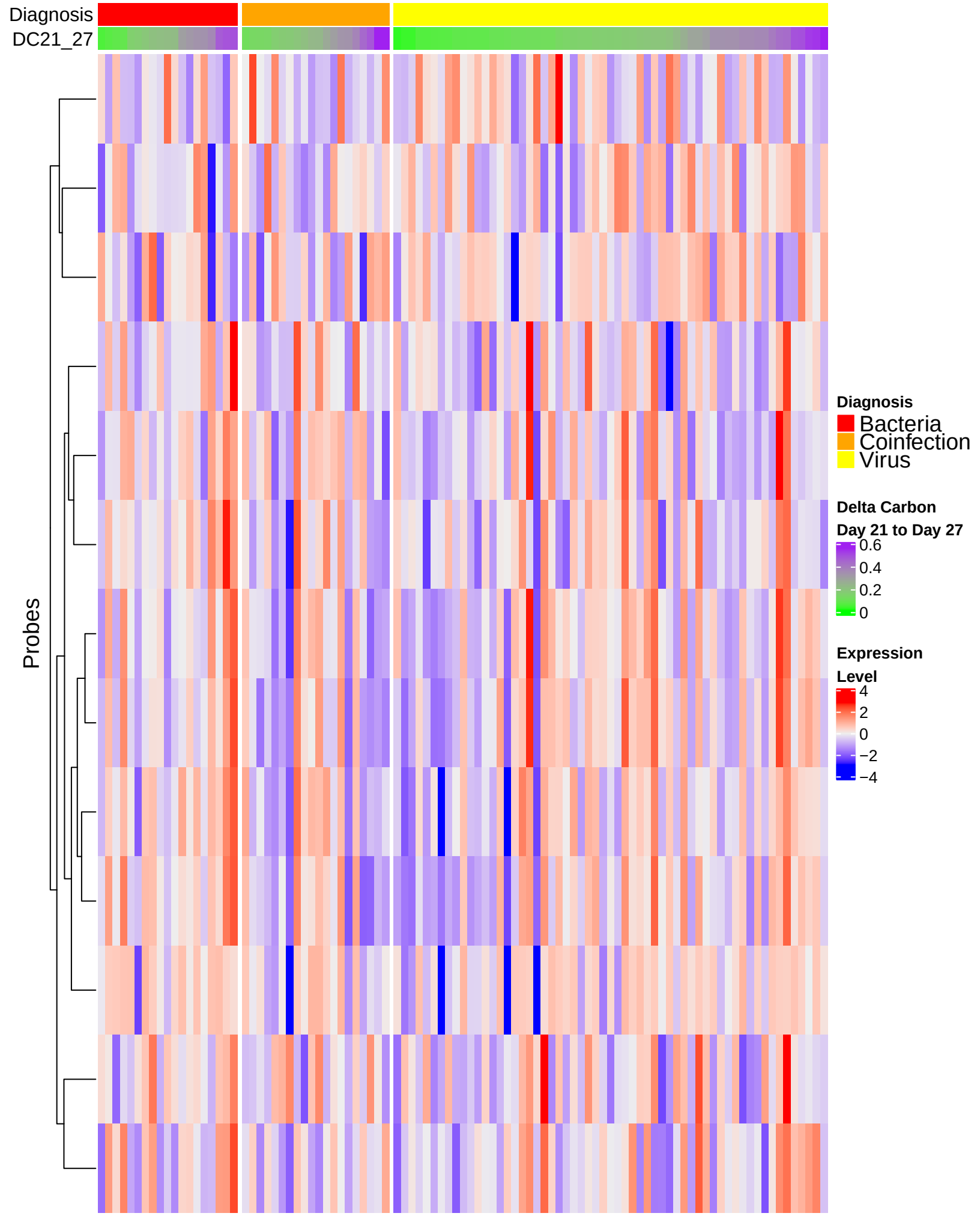

Figure S4: Gene expression heatmap of the Structural Constituent of Ribosome pathway sorted by diagnosis and concentration of Delta-C during lag days 7-13

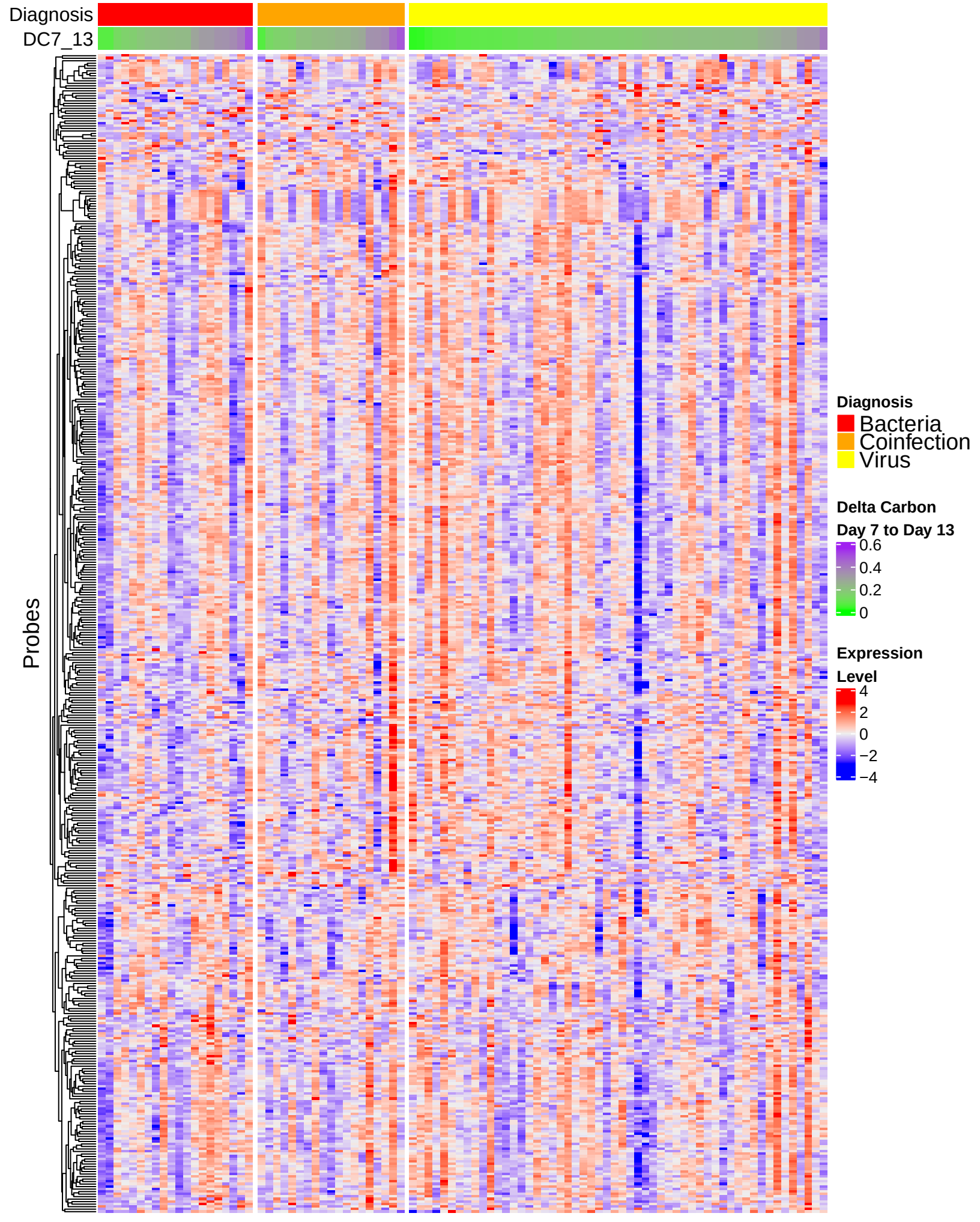

Figure S5: Gene expression heatmap of the Structural Constituent of Ribosome pathway sorted by diagnosis and concentration of Delta-C during lag days 14-20

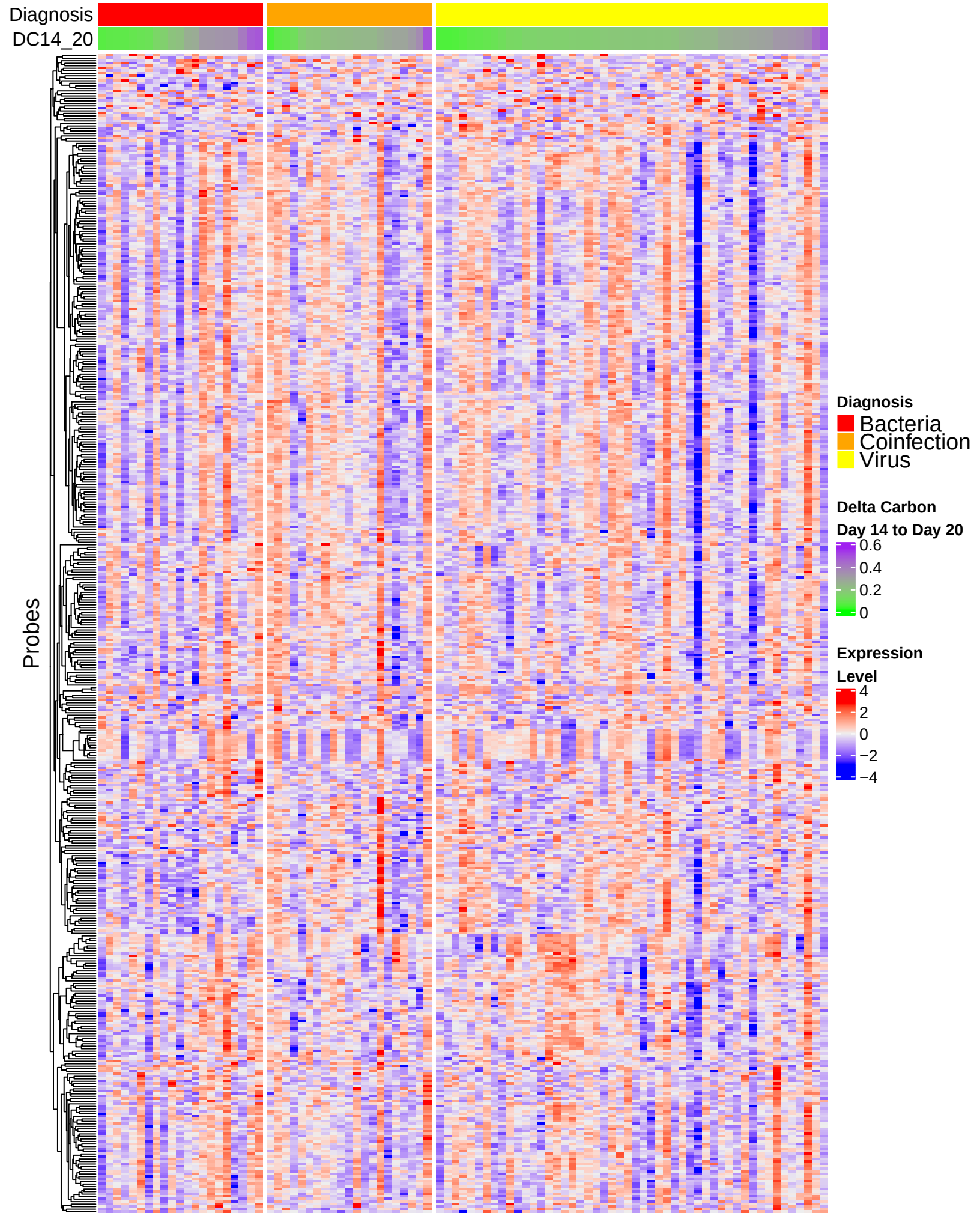

Figure S6: Gene expression heatmap of the Viral Gene Expression pathway
sorted by diagnosis and concentration of Delta-C during lag days 7-13

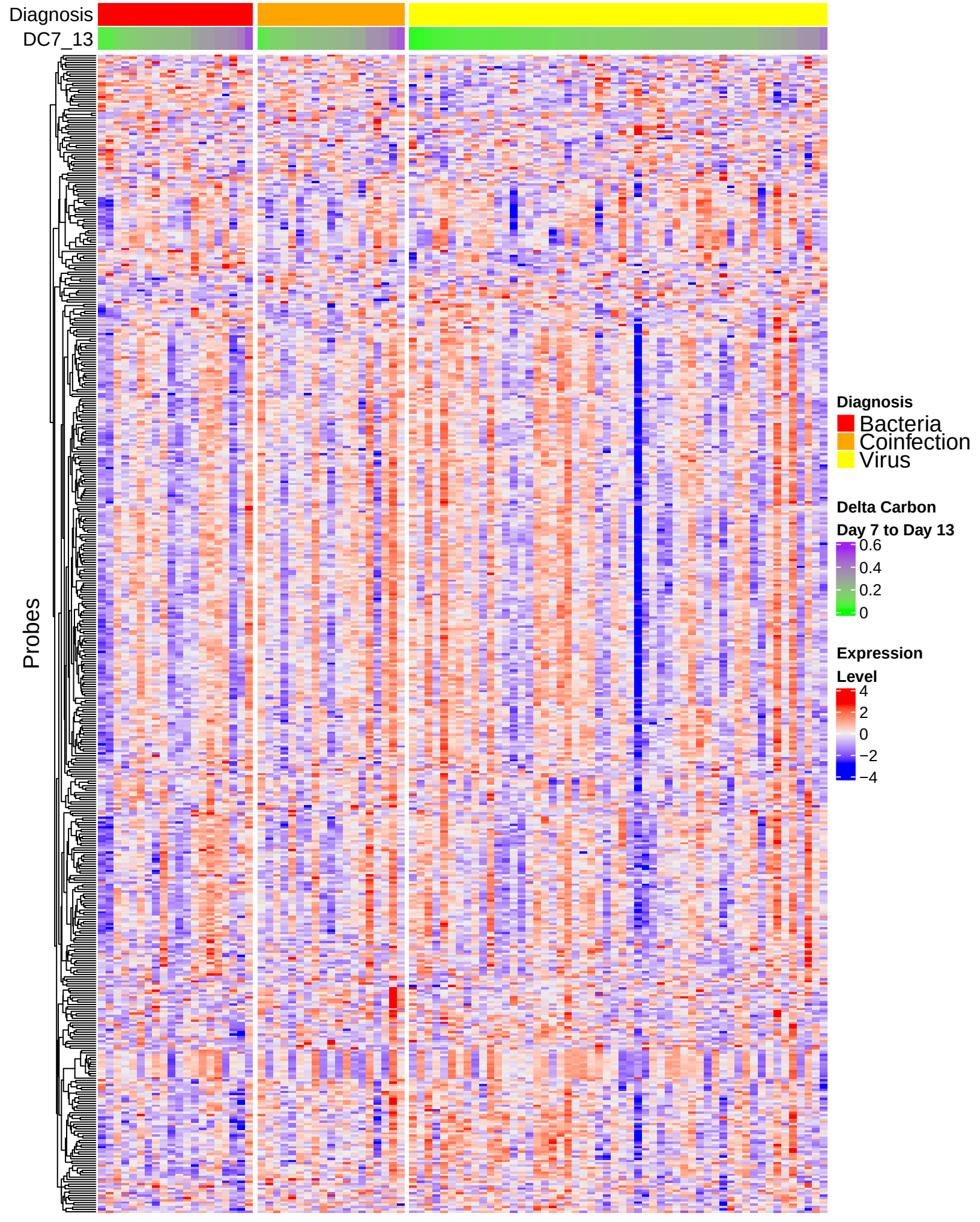

Figure S7: Gene expression heatmap of the Viral Gene Expression pathway
sorted by diagnosis and concentration of Delta-C during lag days 14-20

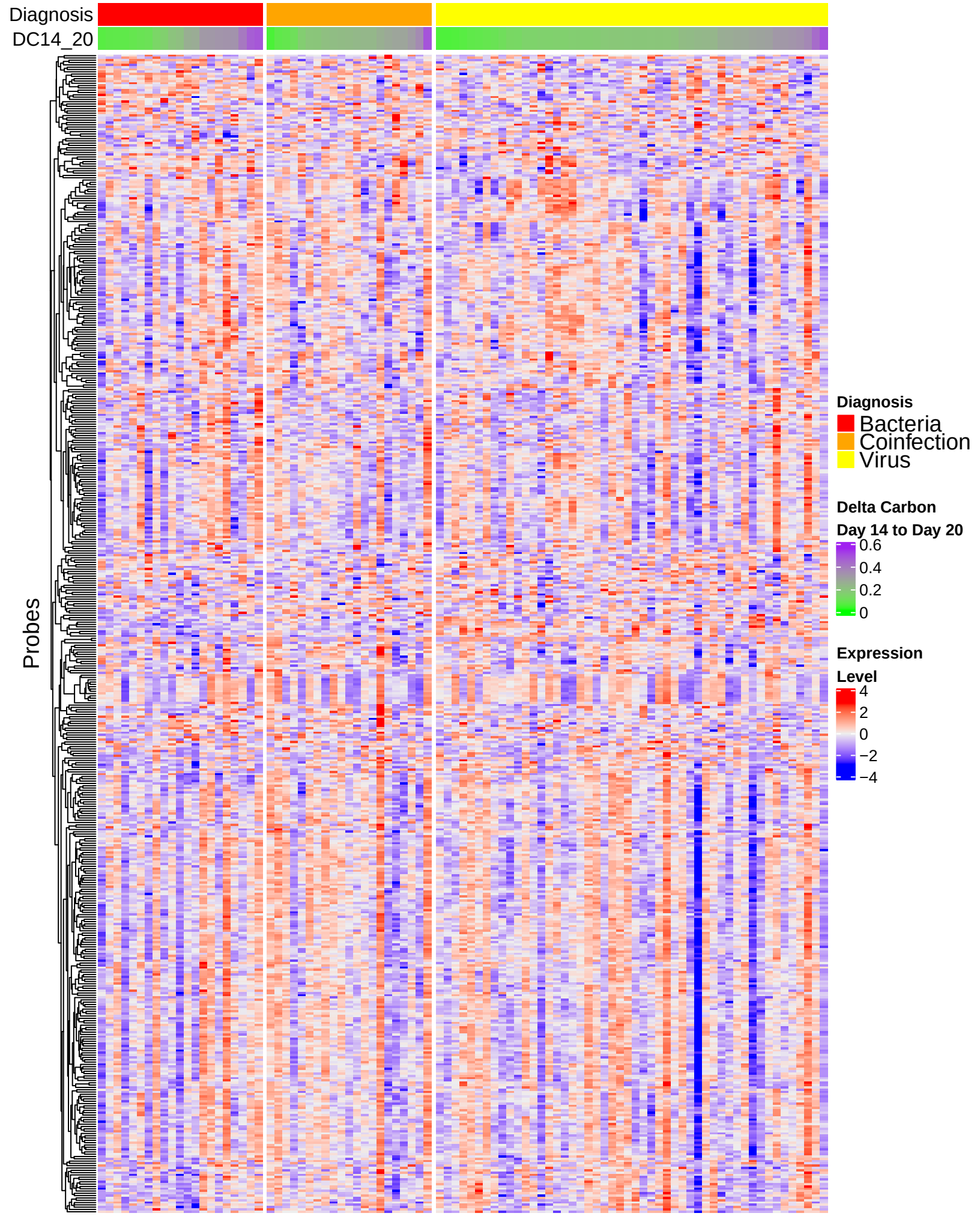

Figure S8: Gene expression heatmap of the Protoporphyrinogen IX Biosynthetic Process pathway sorted by diagnosis and concentration of $PM_{2.5}$ during lag days 0-6

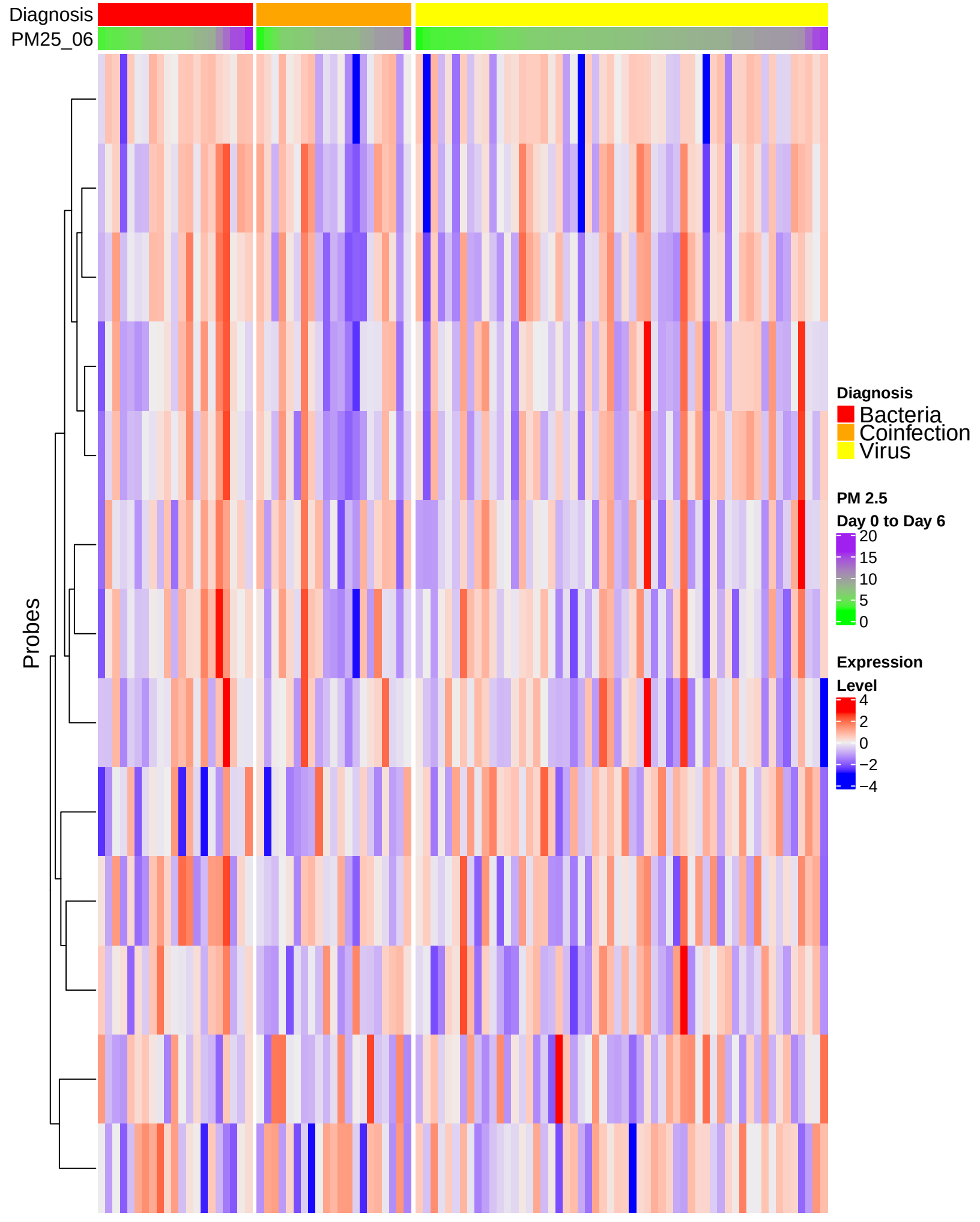

Figure S9: Gene expression heatmap of the Protoporphyrinogen IX Biosynthetic Process pathway sorted by diagnosis and concentration of $PM_{2.5}$ during lag days 14-20

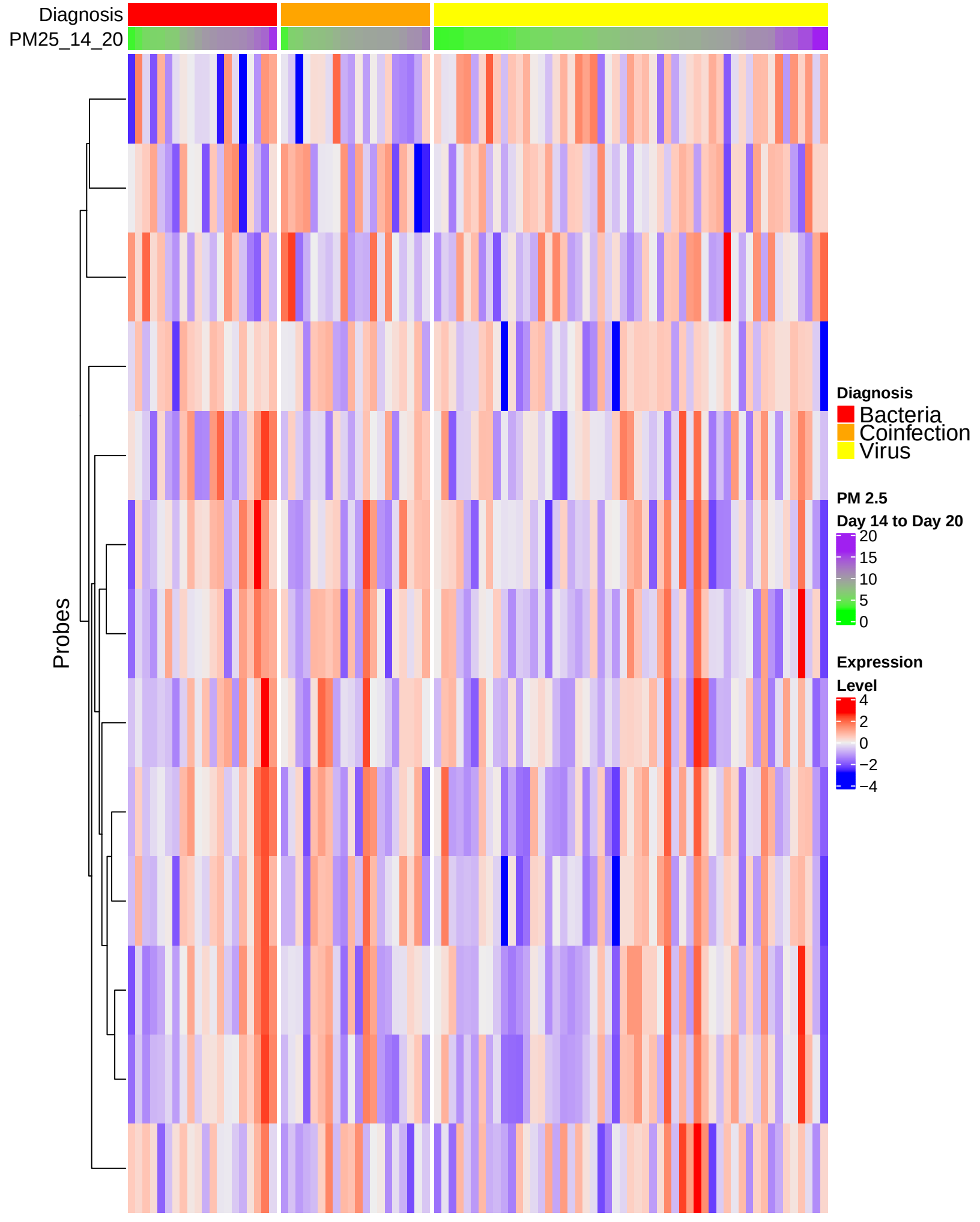

Figure S10: Gene expression heatmap of the Viral Gene Expression pathway sorted by diagnosis and concentration of Ultrafine particles (UFP) during lag days 14-20

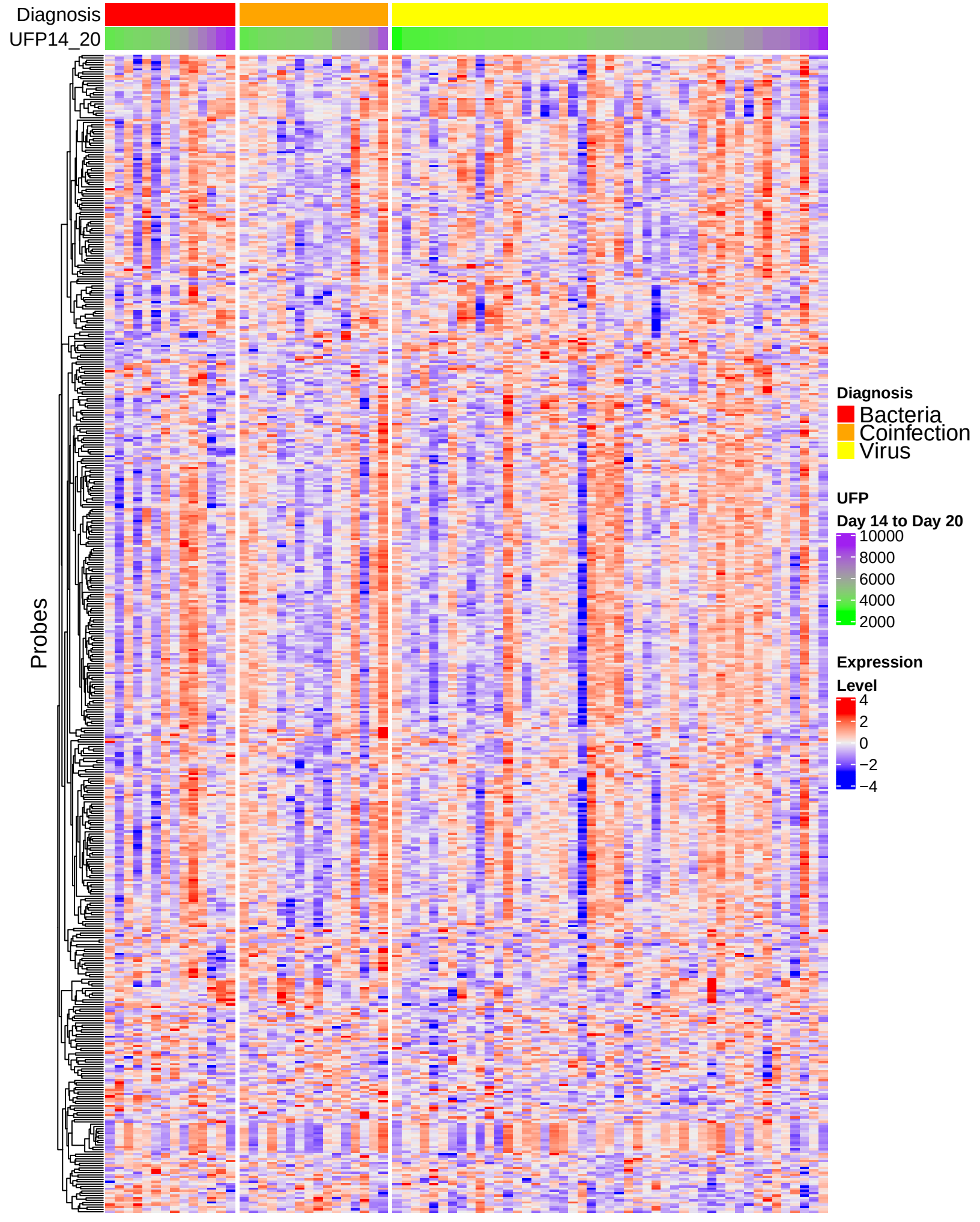

Figure S11: Gene expression heatmap of the Viral Gene Expression pathway sorted by diagnosis and concentration of Ultrafine particles (UFP) during lag days 21-27

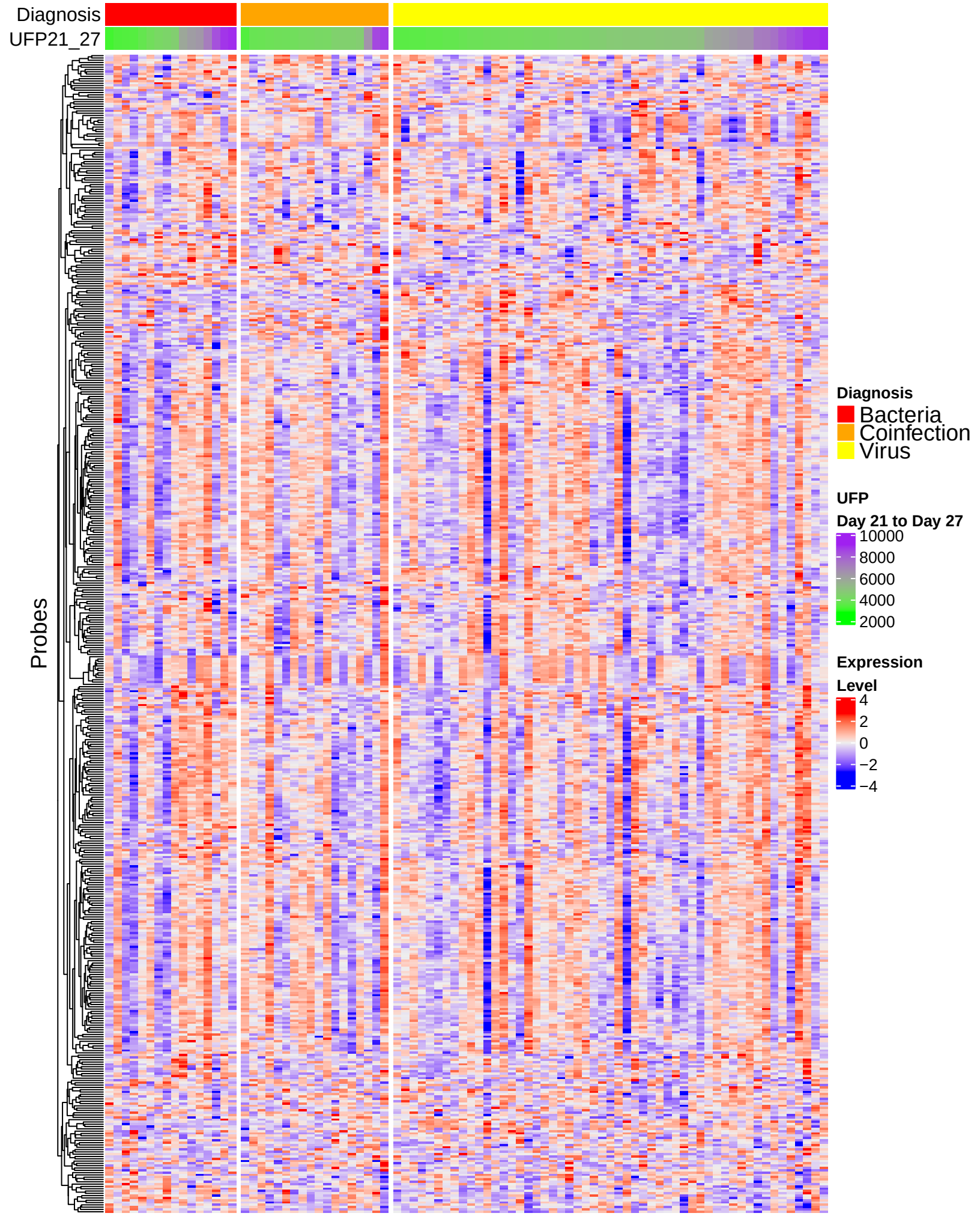

Figure S12: Gene expression heatmap of the Nuclear Transcribed mRNA Catabolic Process pathway sorted by diagnosis and concentration of accumulation mode particles (AMP) during lag days 0-6