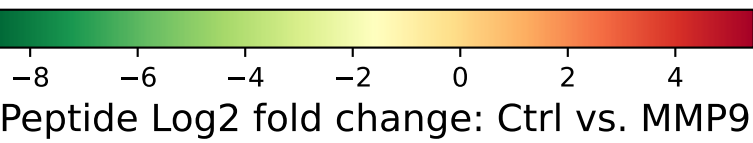
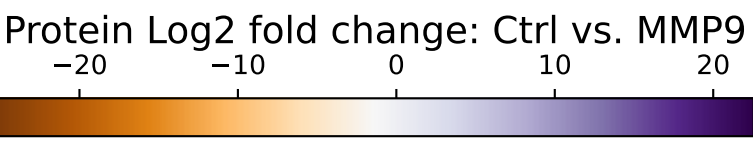
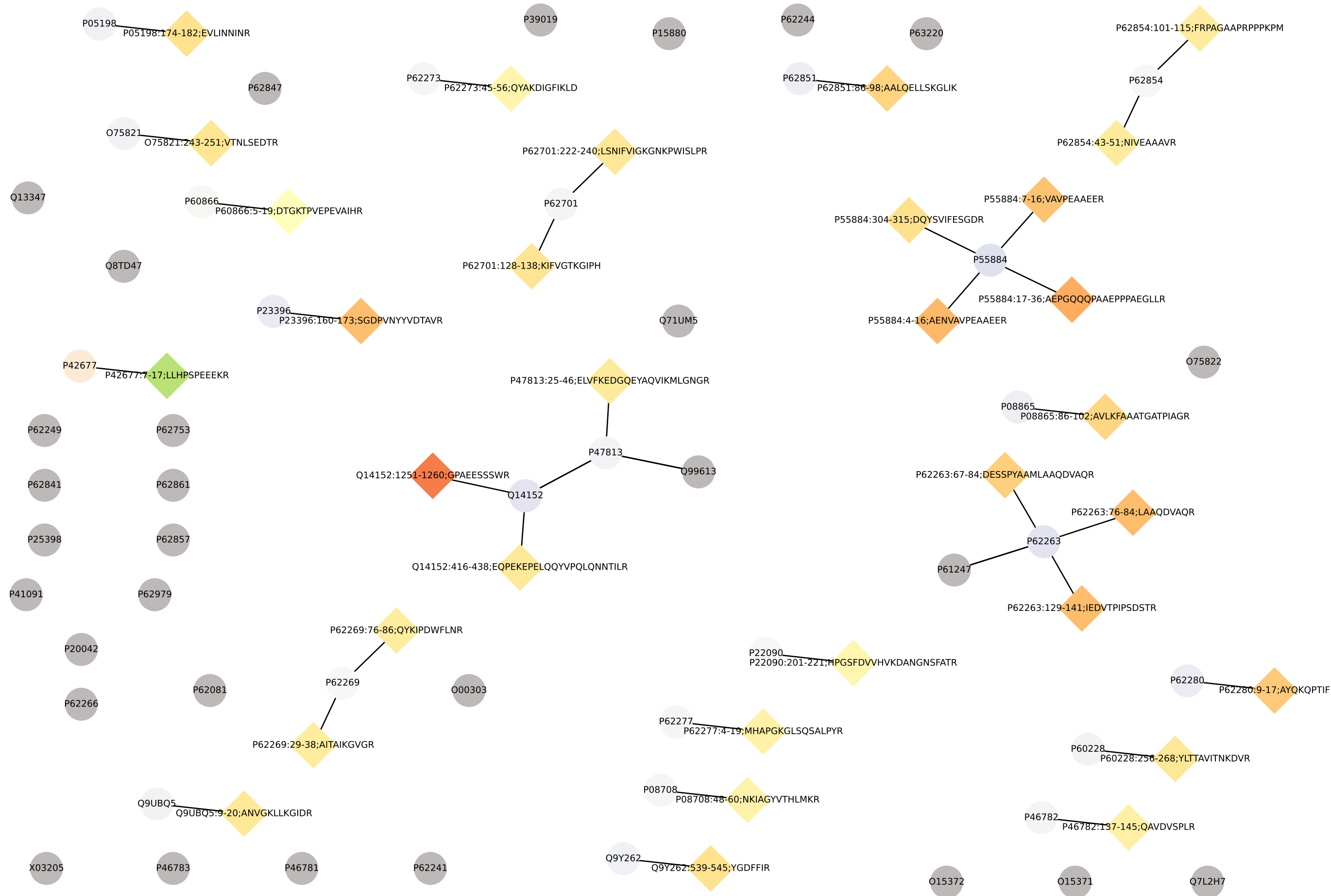
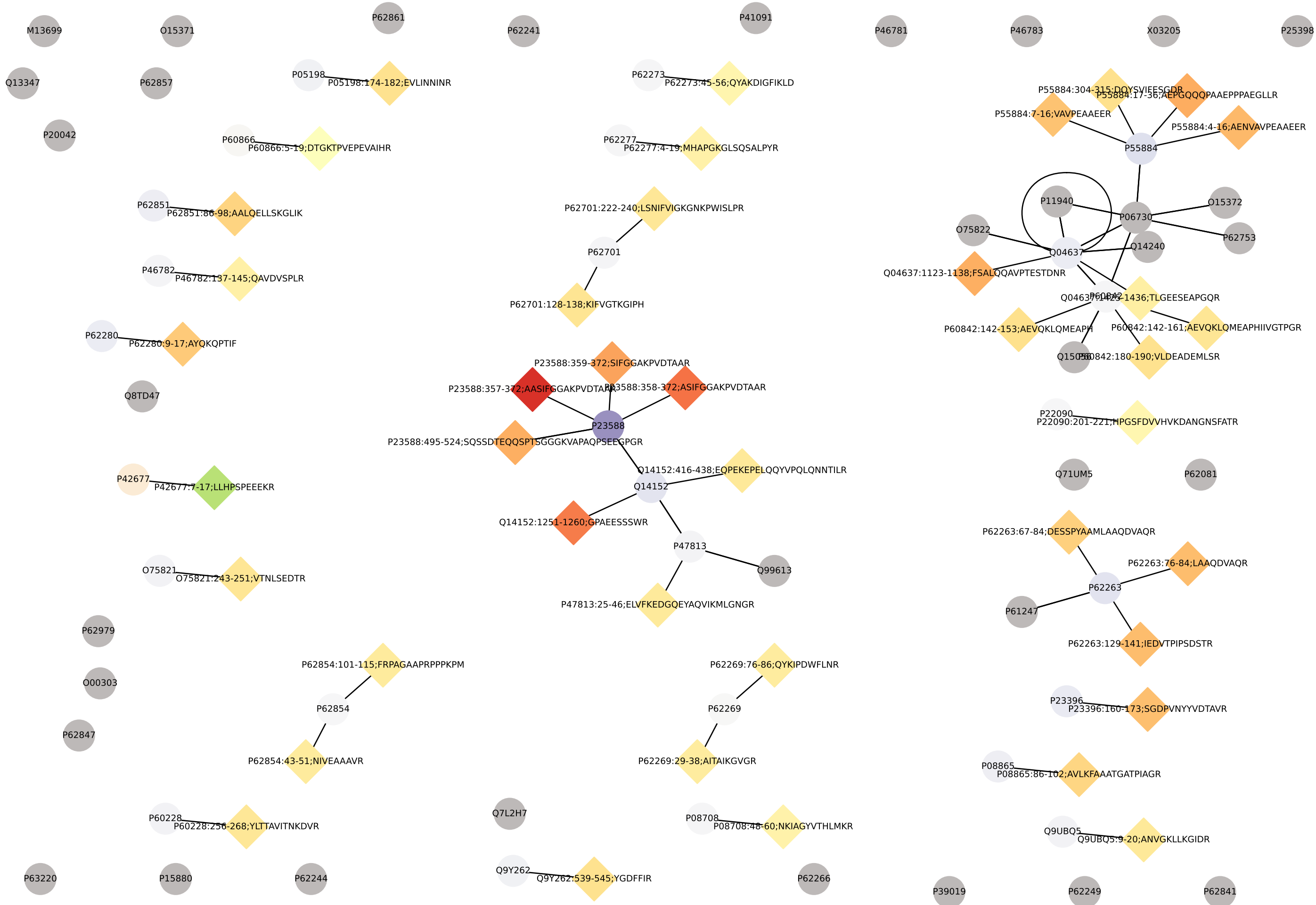


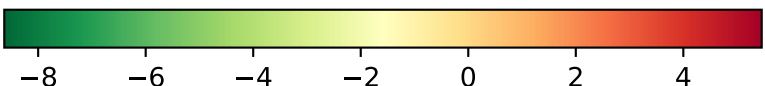
Log2 fold change: Ctrl vs. MMP9
R-HSA-72695: Formation of the ternary complex, and subsequently, the 43S complex
p-value: 1.1102230246251565e-16



Log2 fold change: Ctrl vs. MMP9
R-HSA-72649: Translation initiation complex formation
p-value: 1.1102230246251565e-16

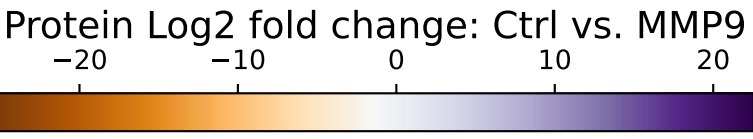
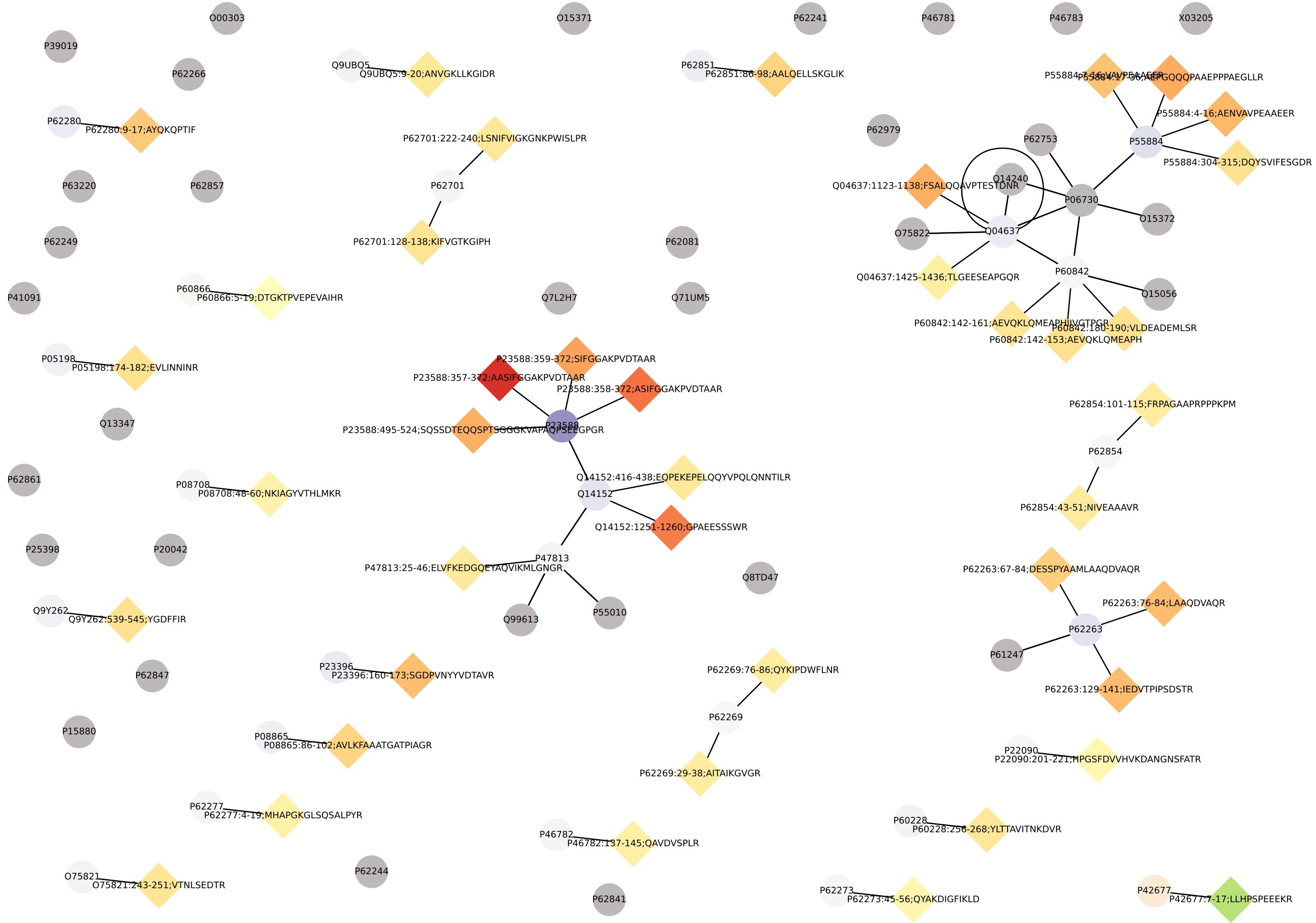


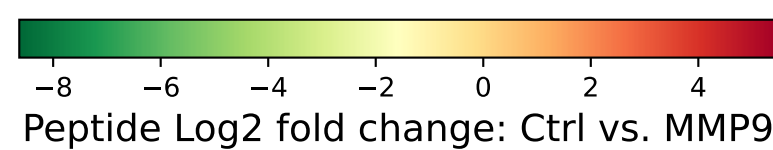
Protein Log2 fold change: Ctrl vs. MMP9



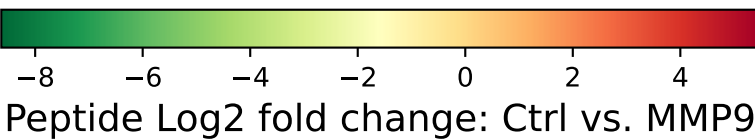
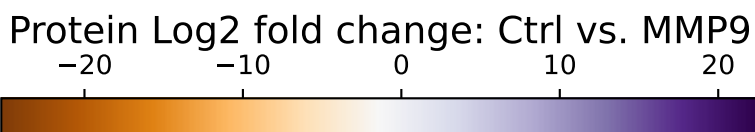
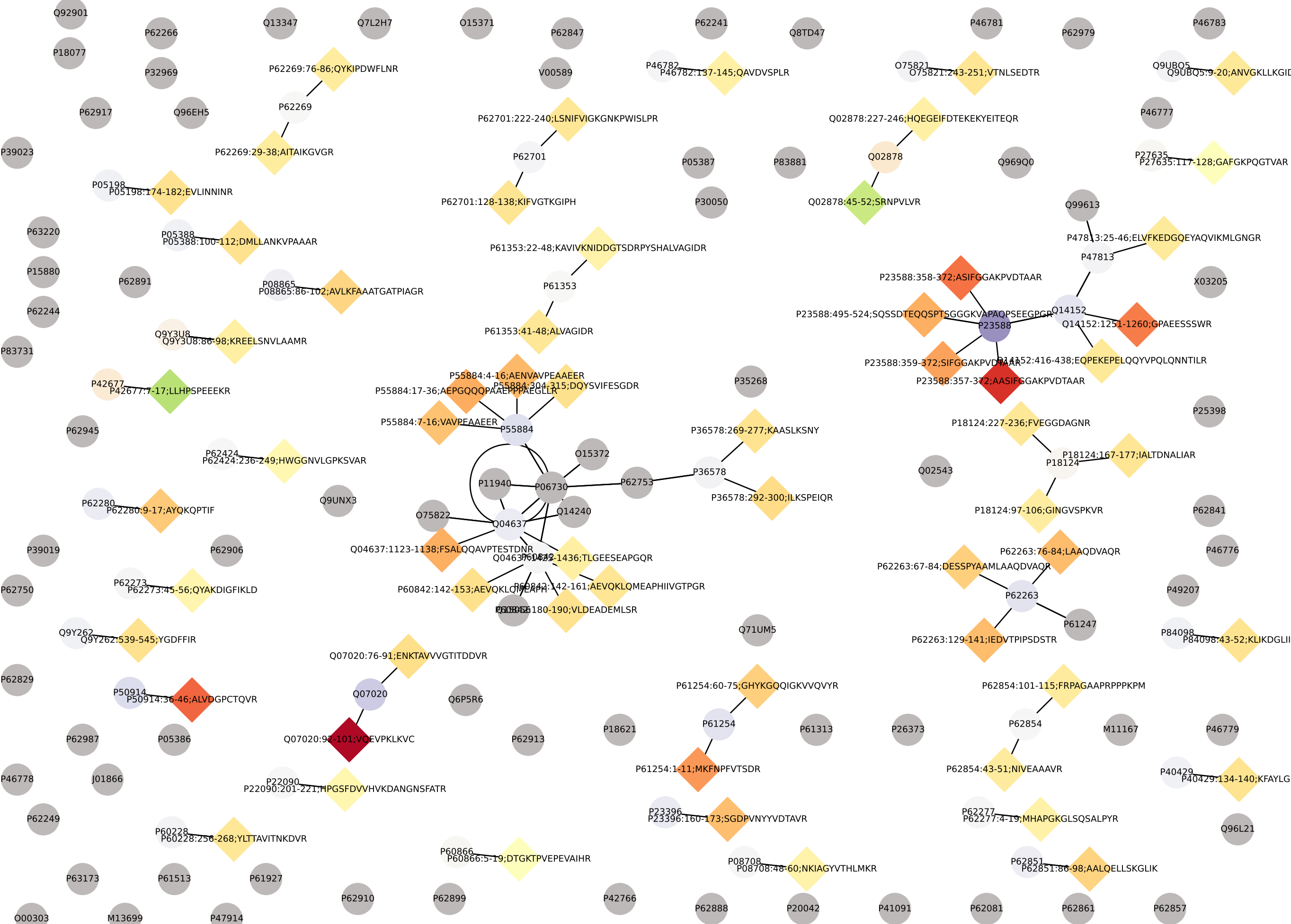
Peptide Log2 fold change: Ctrl vs. MMP9

Log2 fold change: Ctrl vs. MMP9
R-HSA-72702: Ribosomal scanning and start codon recognition
p-value: 1.1102230246251565e-16

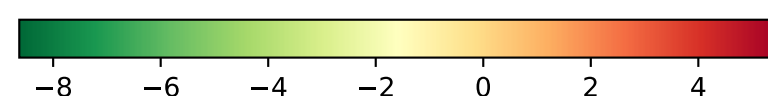
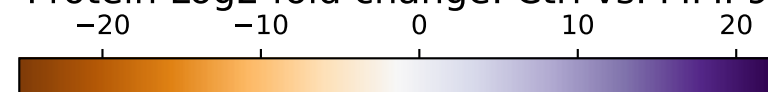
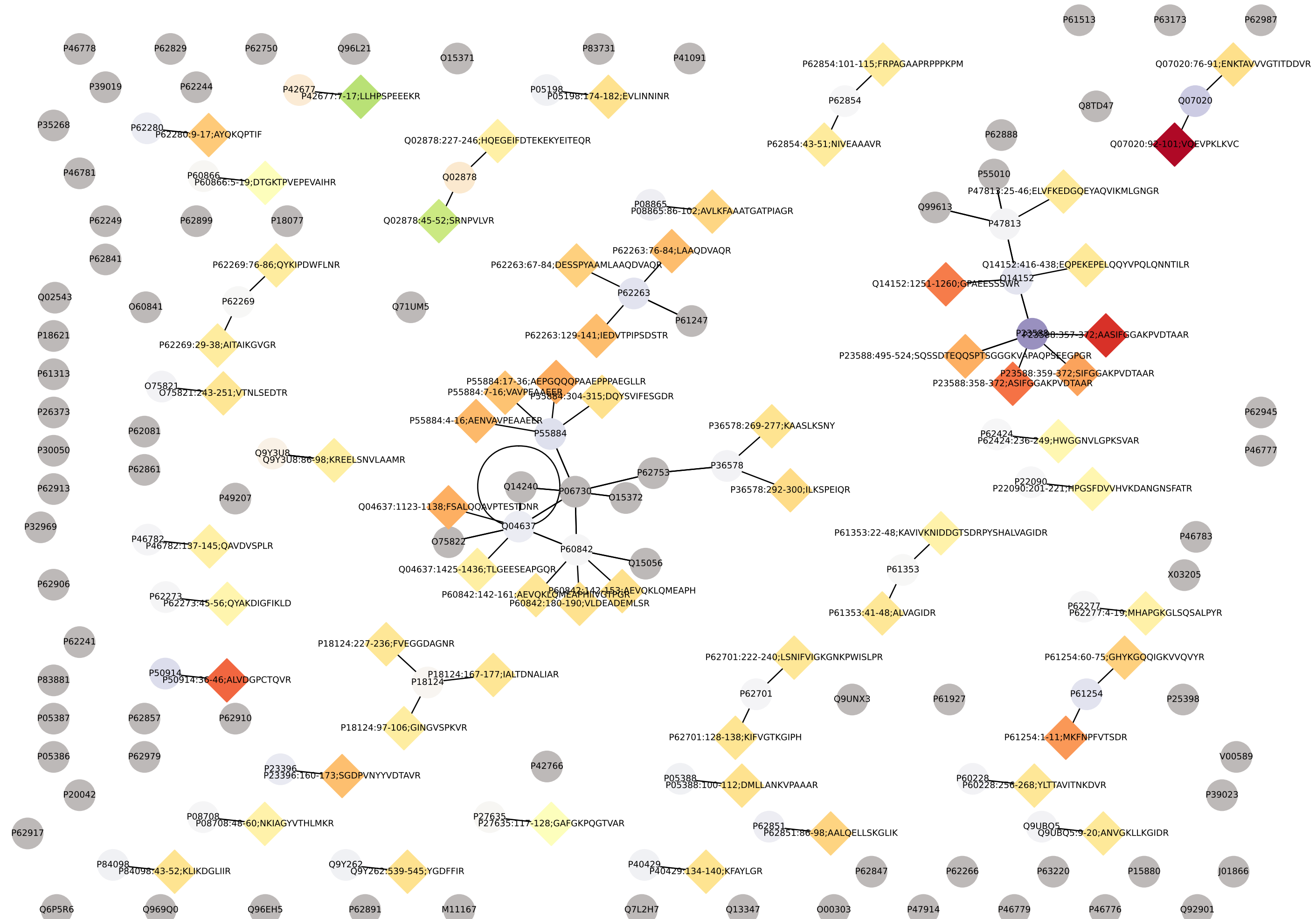




Log2 fold change: Ctrl vs. MMP9
R-HSA-156827: L13a-mediated translational silencing of Ceruloplasmin expression
p-value: 1.1102230246251565e-16

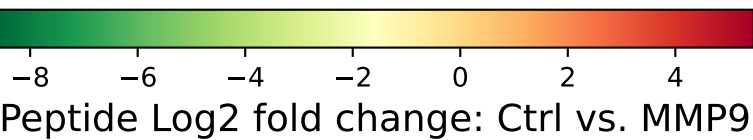
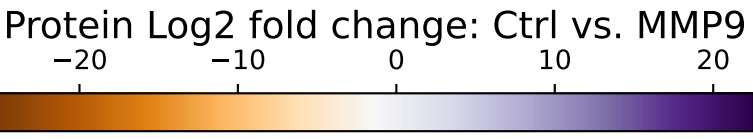
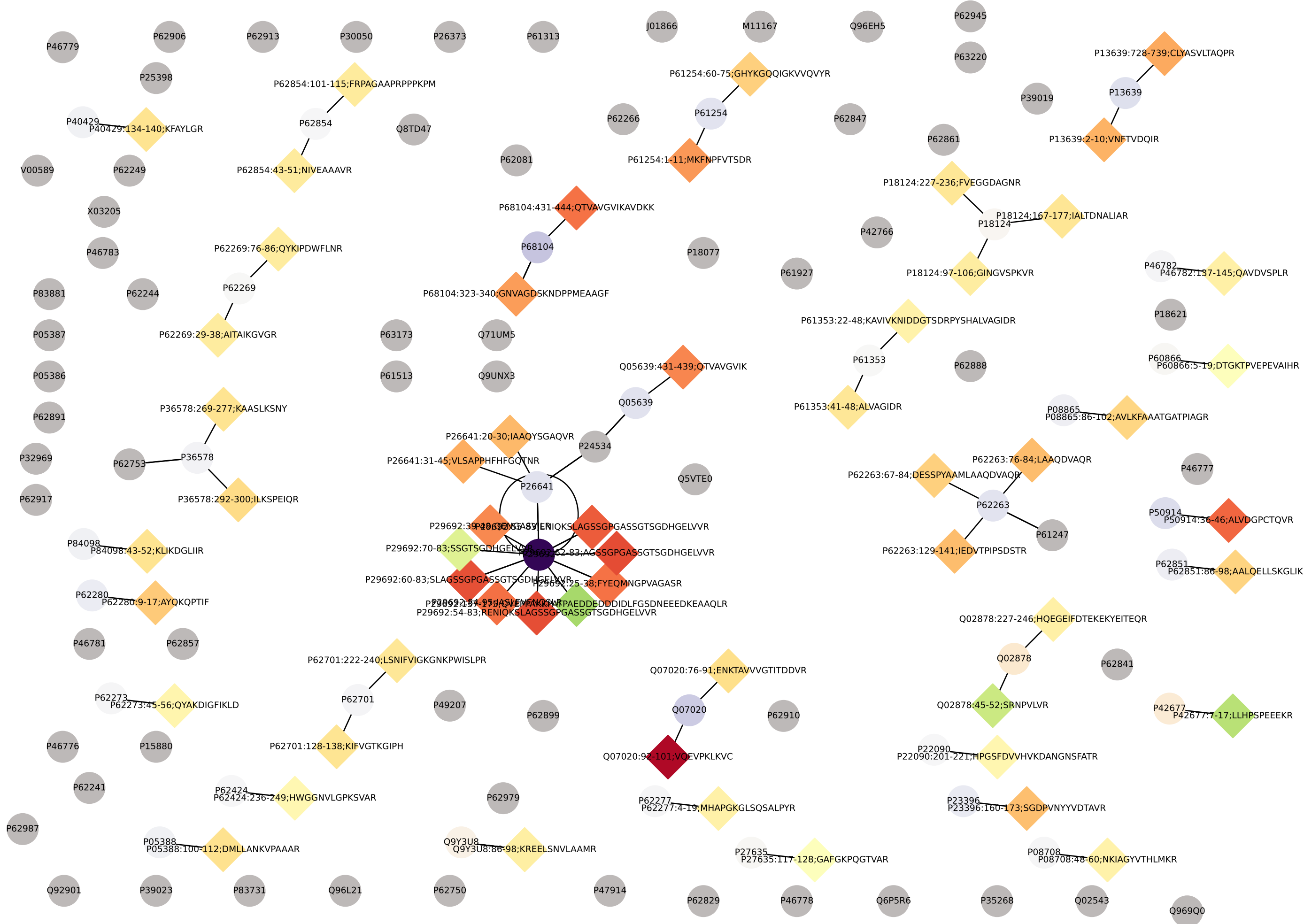


Log2 fold change: Ctrl vs. MMP9
R-HSA-72706: GTP hydrolysis and joining of the 60S ribosomal subunit
p-value: 1.1102230246251565e-16

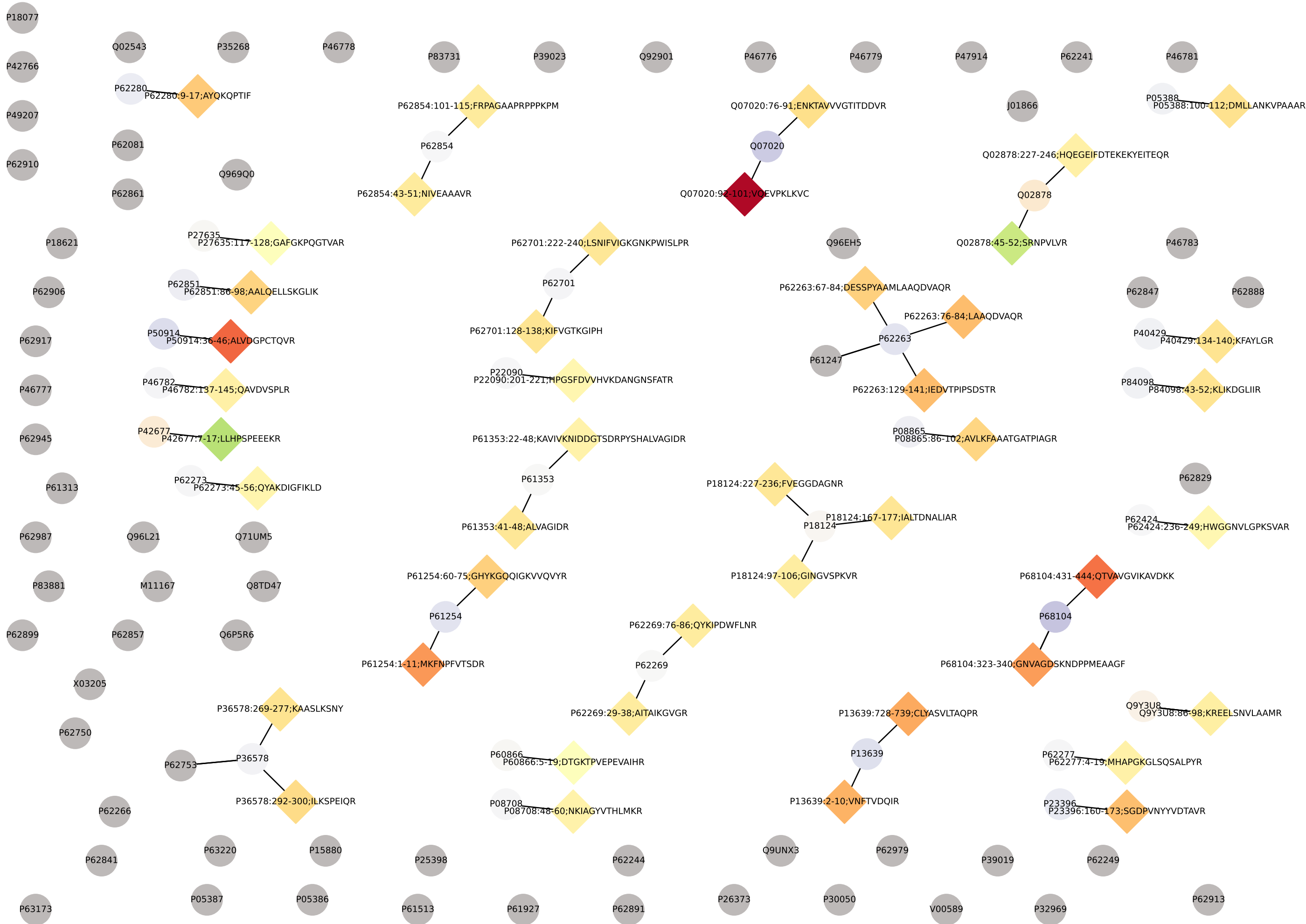


Peptide Log2 fold change: Ctrl vs. MMP9

Log2 fold change: Ctrl vs. MMP9
R-HSA-156842: Eukaryotic Translation Elongation
p-value: 1.1102230246251565e-16



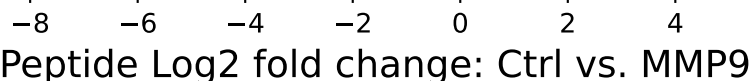
Log2 fold change: Ctrl vs. MMP9
R-HSA-156902: Peptide chain elongation
p-value: 1.1102230246251565e-16



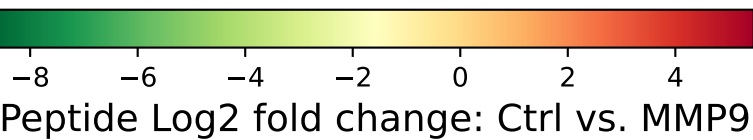
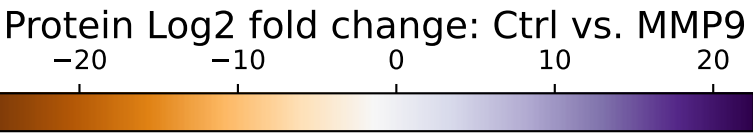
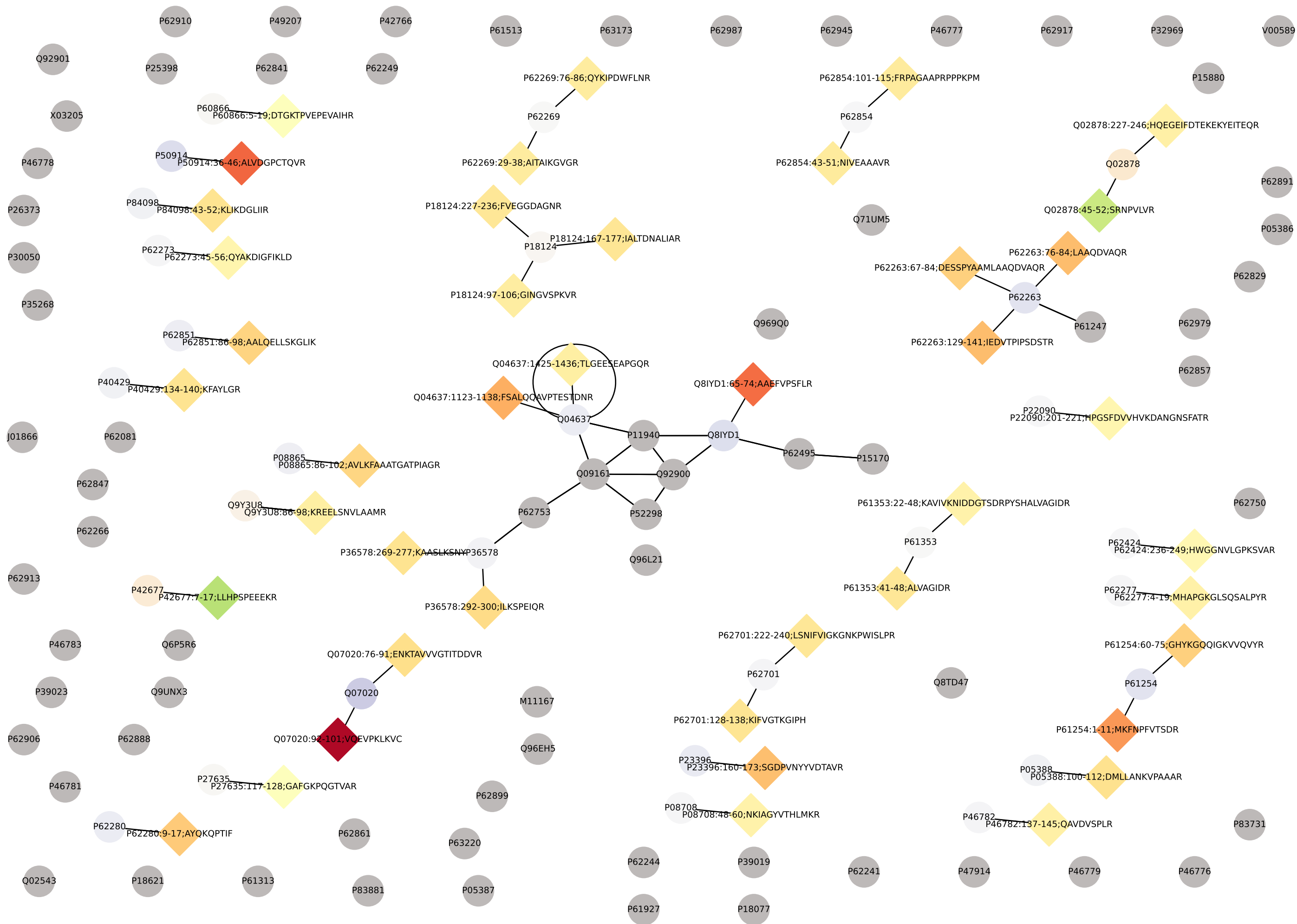
Protein Log2 fold change: Ctrl vs. MMP9



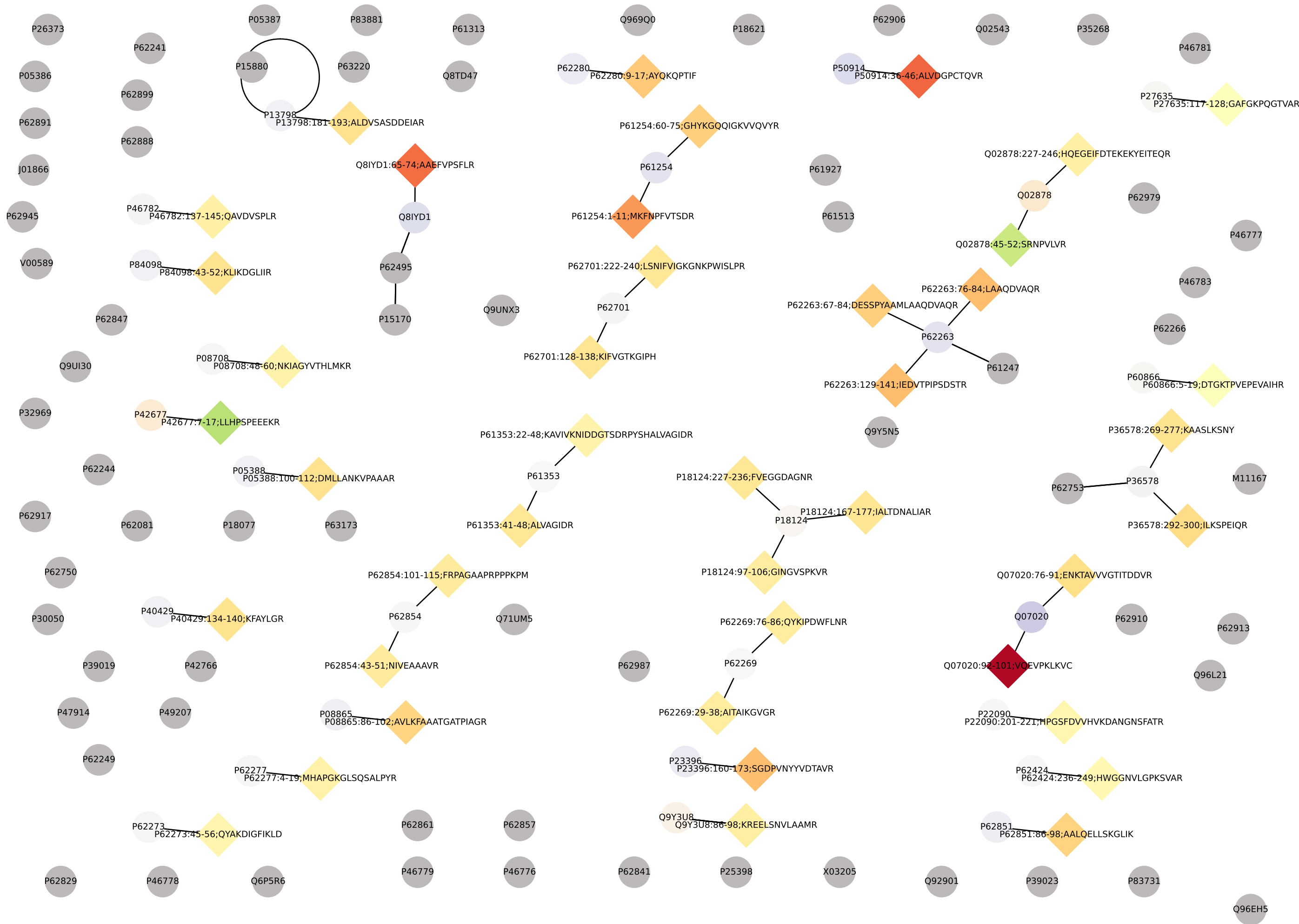
Peptide Log2 fold change: Ctrl vs. MMP9



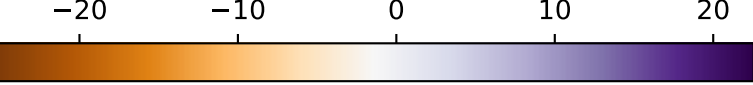
Log2 fold change: Ctrl vs. MMP9
R-HSA-975956: Nonsense Mediated Decay (NMD) independent of the Exon Junction Complex (EJC)
p-value: 1.1102230246251565e-16



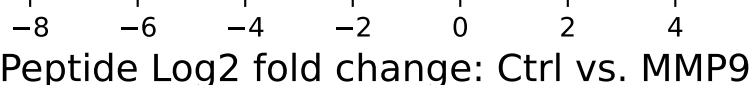
Log2 fold change: Ctrl vs. MMP9
R-HSA-72764: Eukaryotic Translation Termination
p-value: 1.1102230246251565e-16



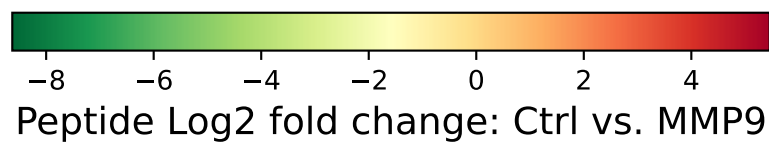
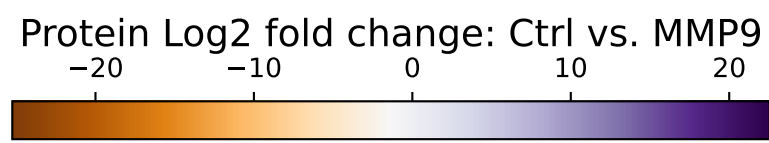
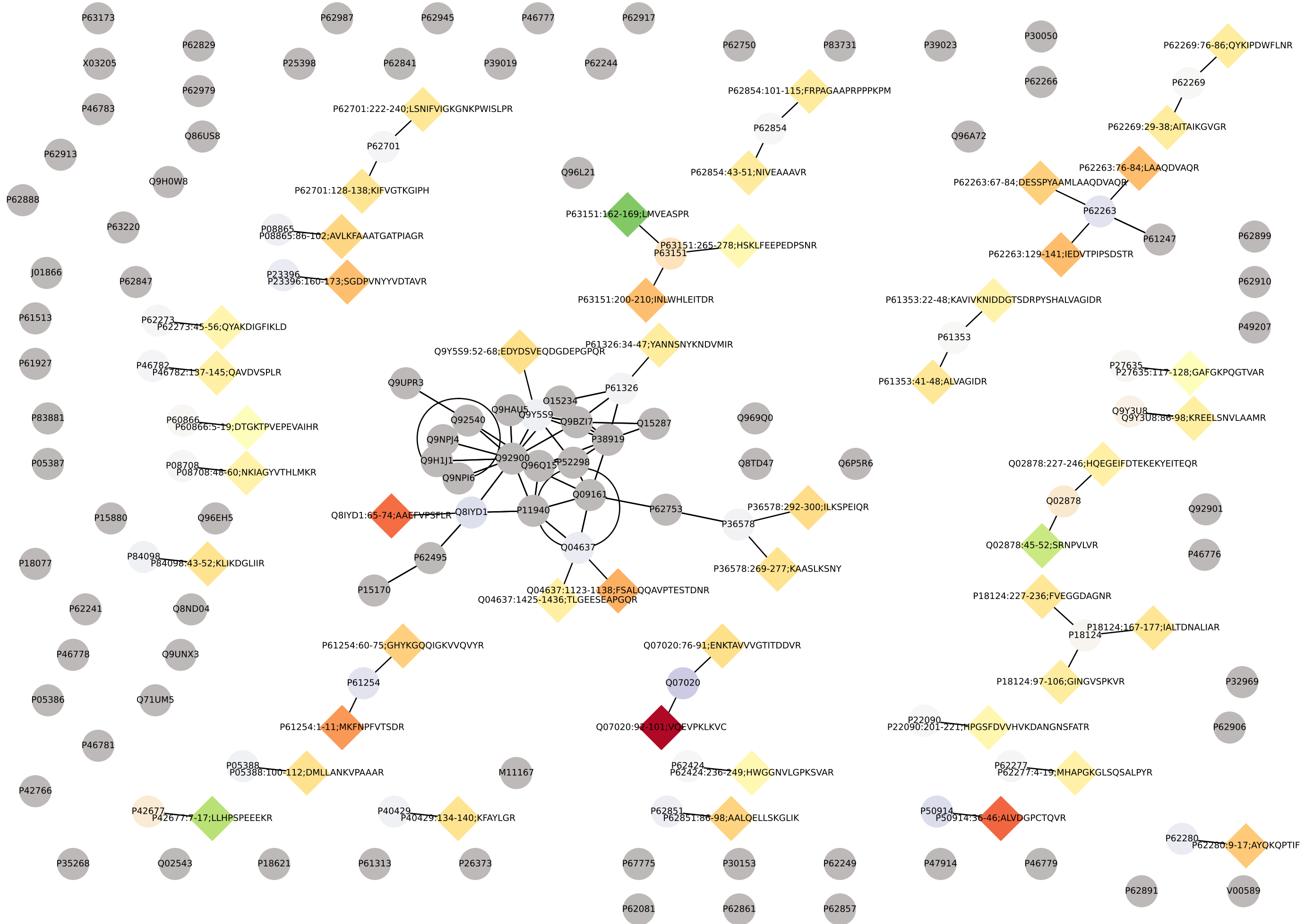
Protein Log2 fold change: Ctrl vs. MMP9



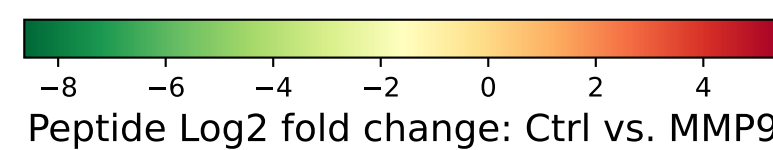
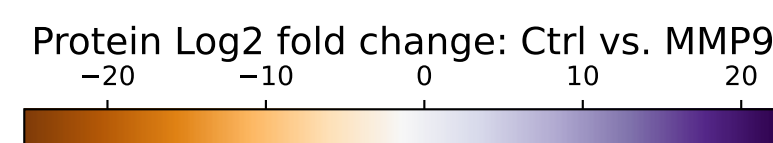
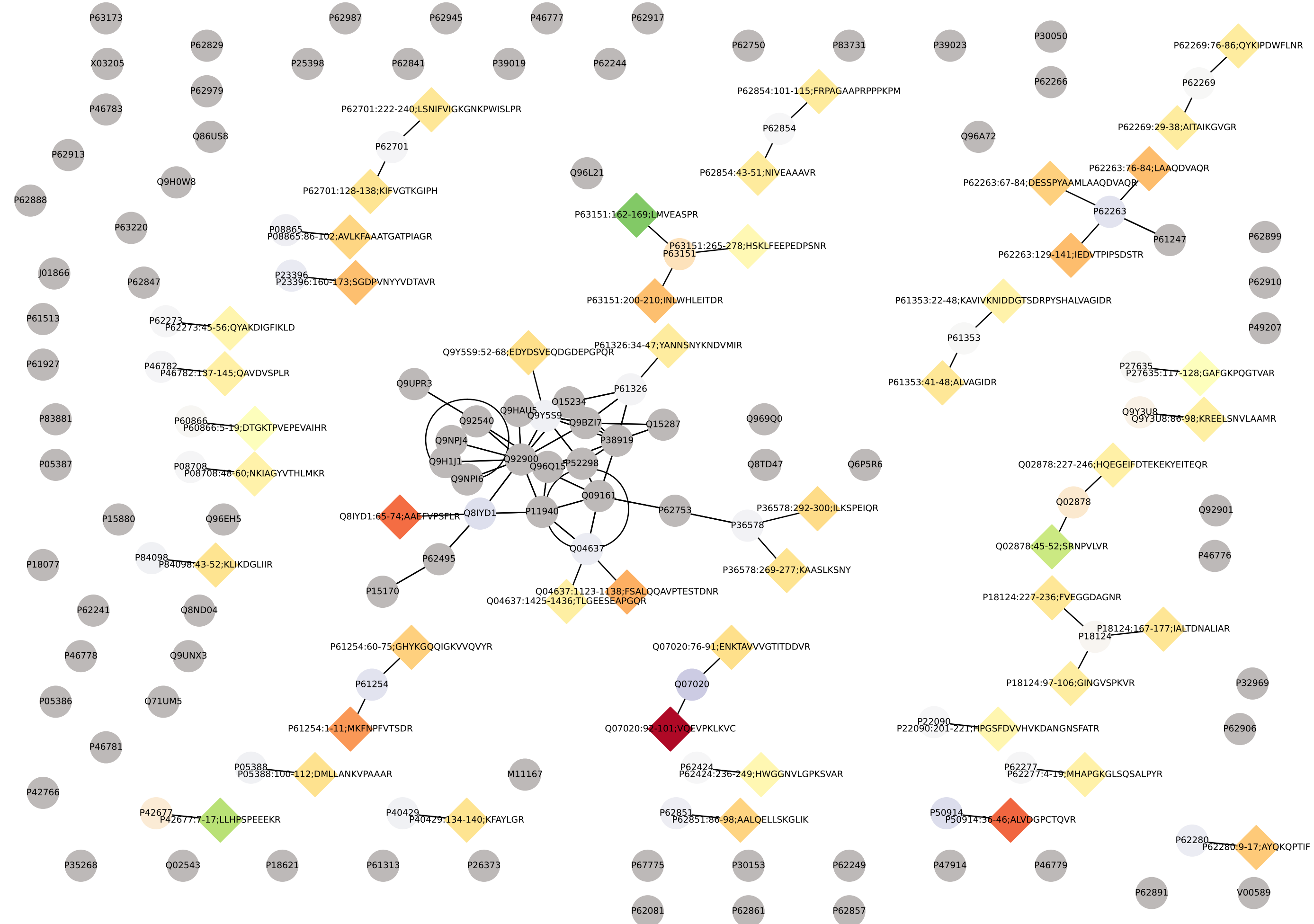
Peptide Log2 fold change: Ctrl vs. MMP9



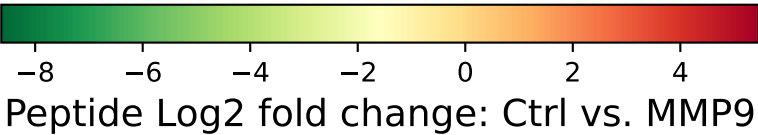
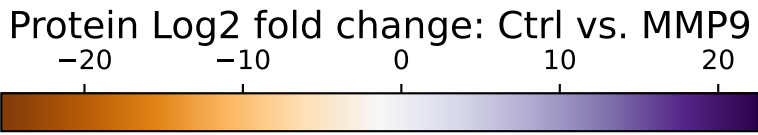
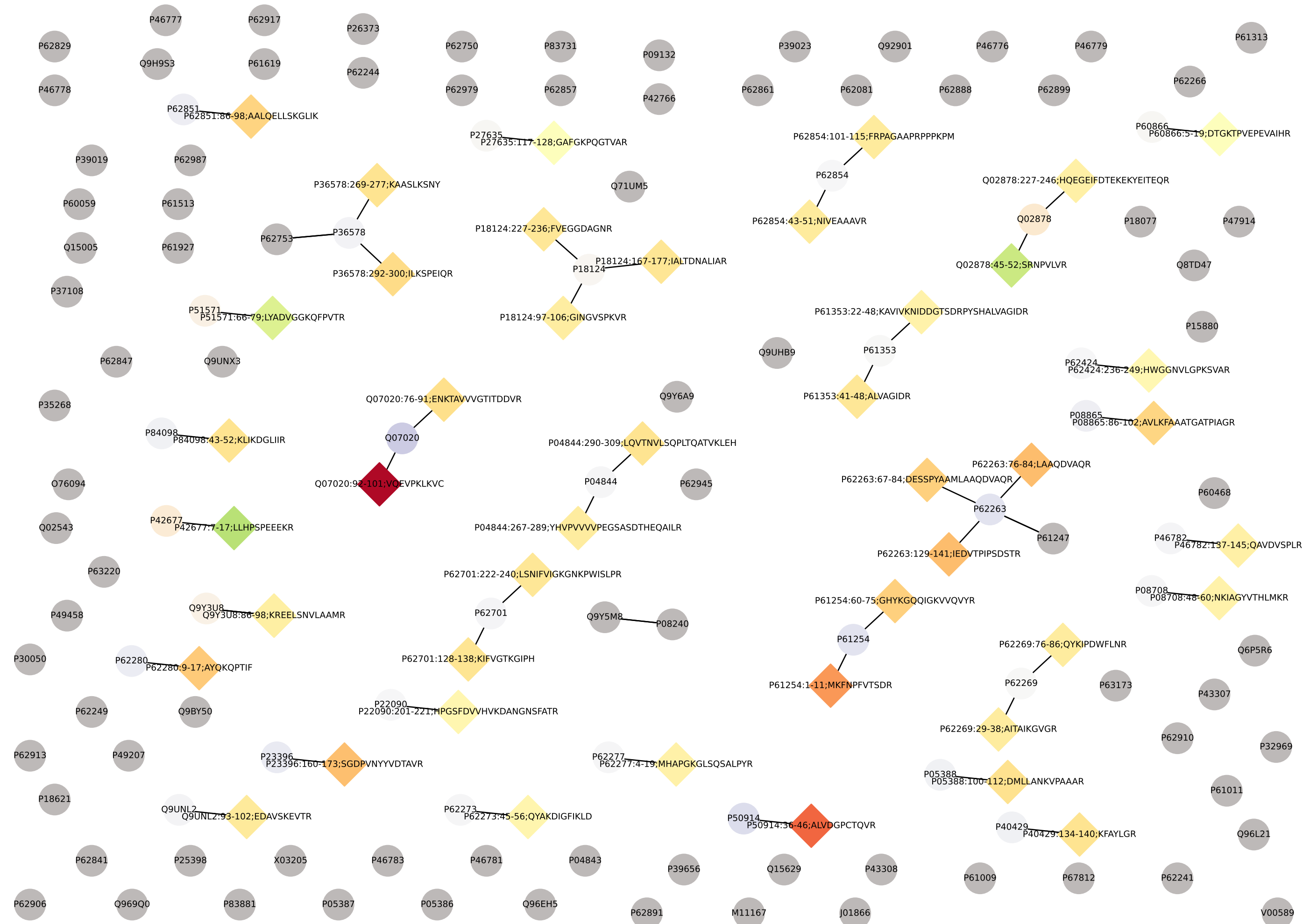
Log2 fold change: Ctrl vs. MMP9
R-HSA-927802: Nonsense-Mediated Decay (NMD)
p-value: 1.1102230246251565e-16

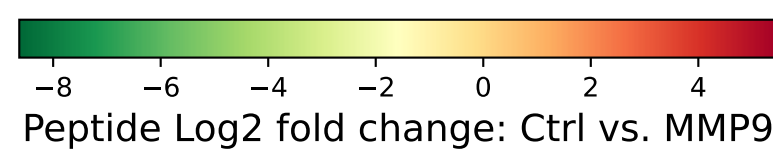


Log2 fold change: Ctrl vs. MMP9
R-HSA-975957: Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)
p-value: 1.1102230246251565e-16

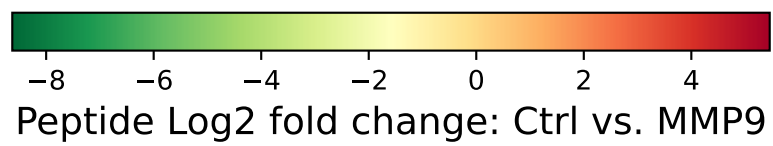
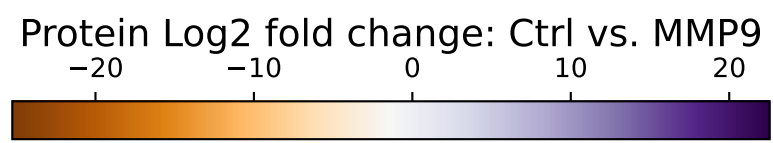
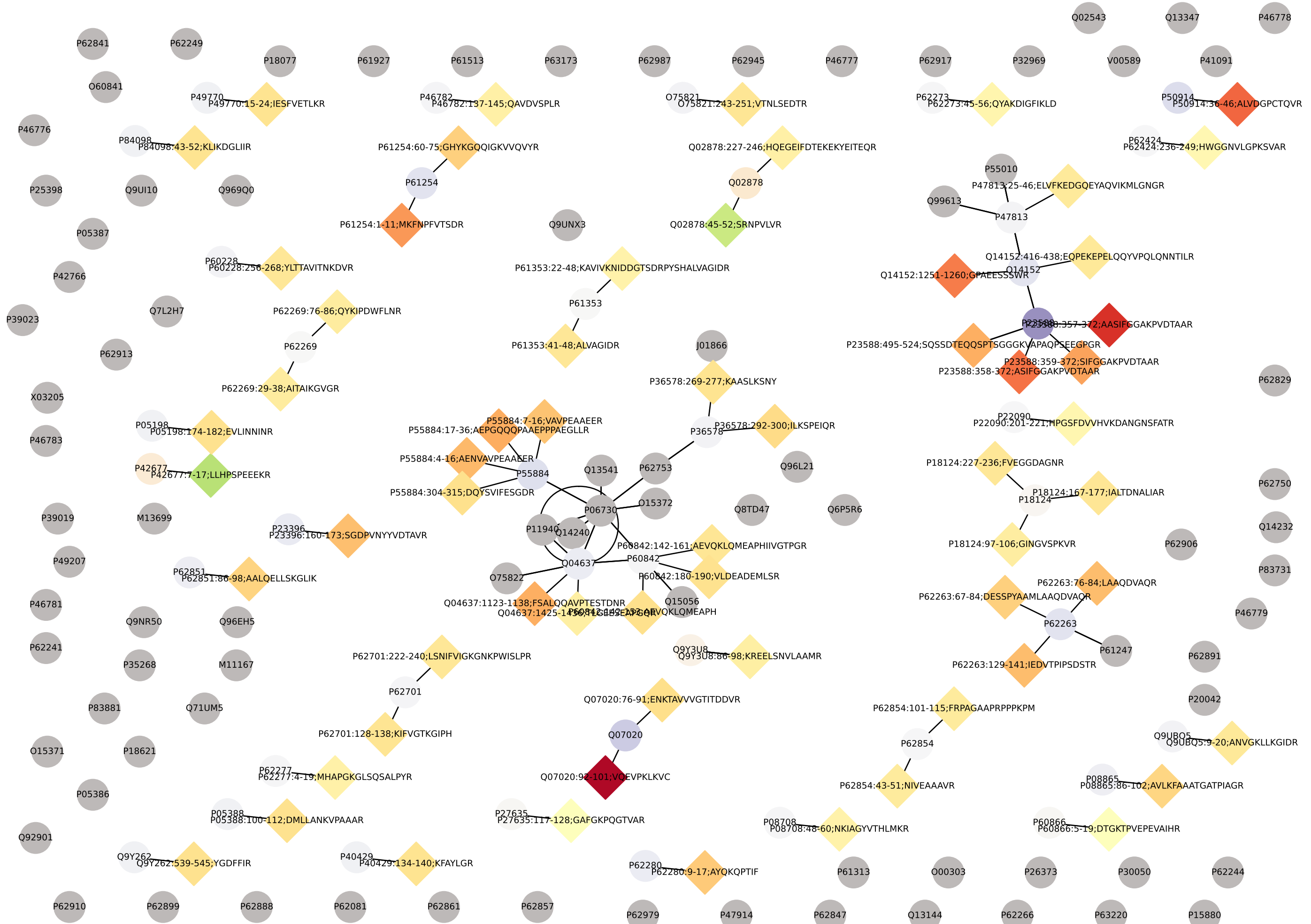


Log2 fold change: Ctrl vs. MMP9
R-HSA-1799339: SRP-dependent cotranslational protein targeting to membrane
p-value: 1.1102230246251565e-16

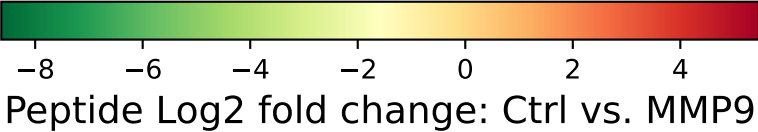
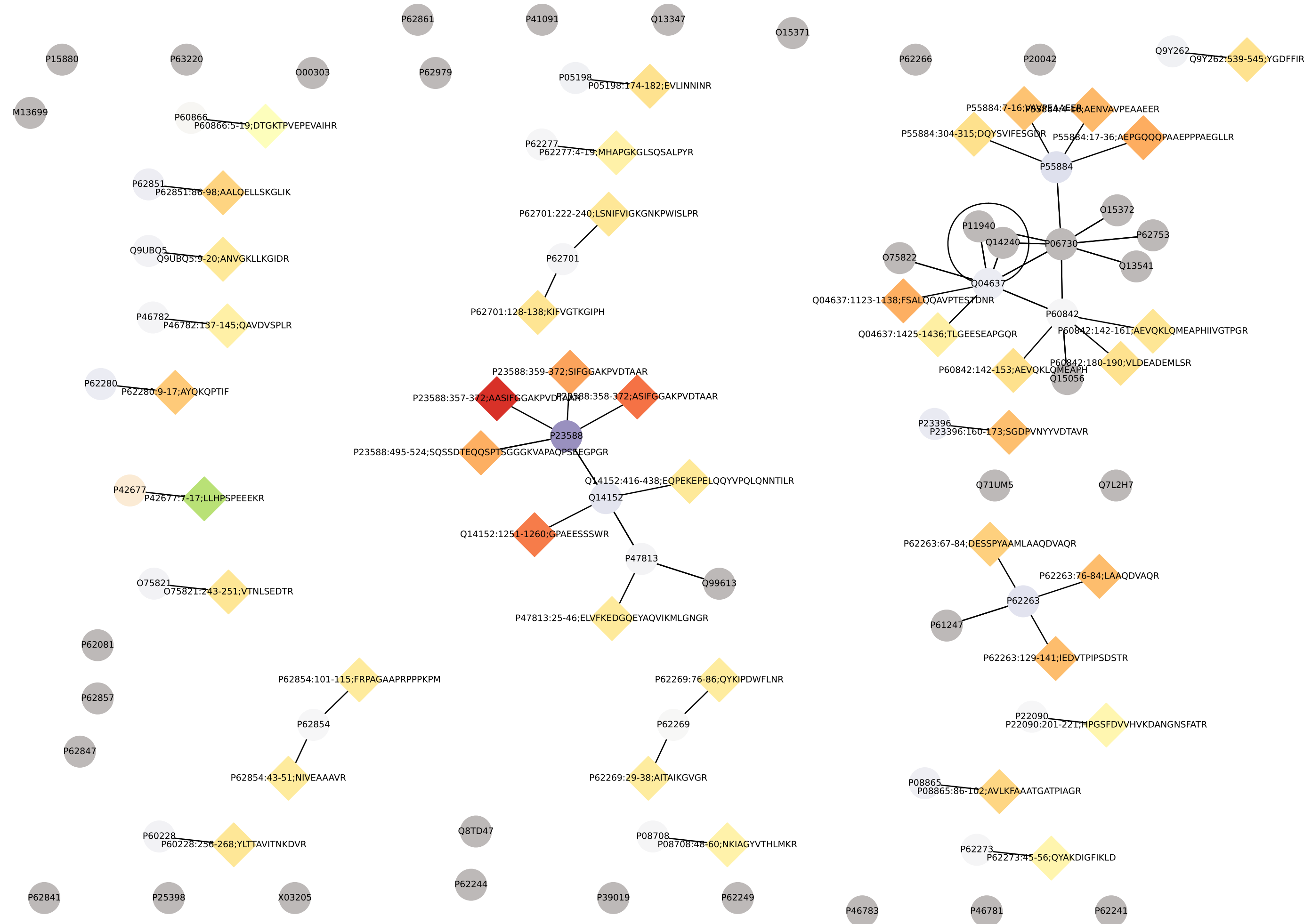




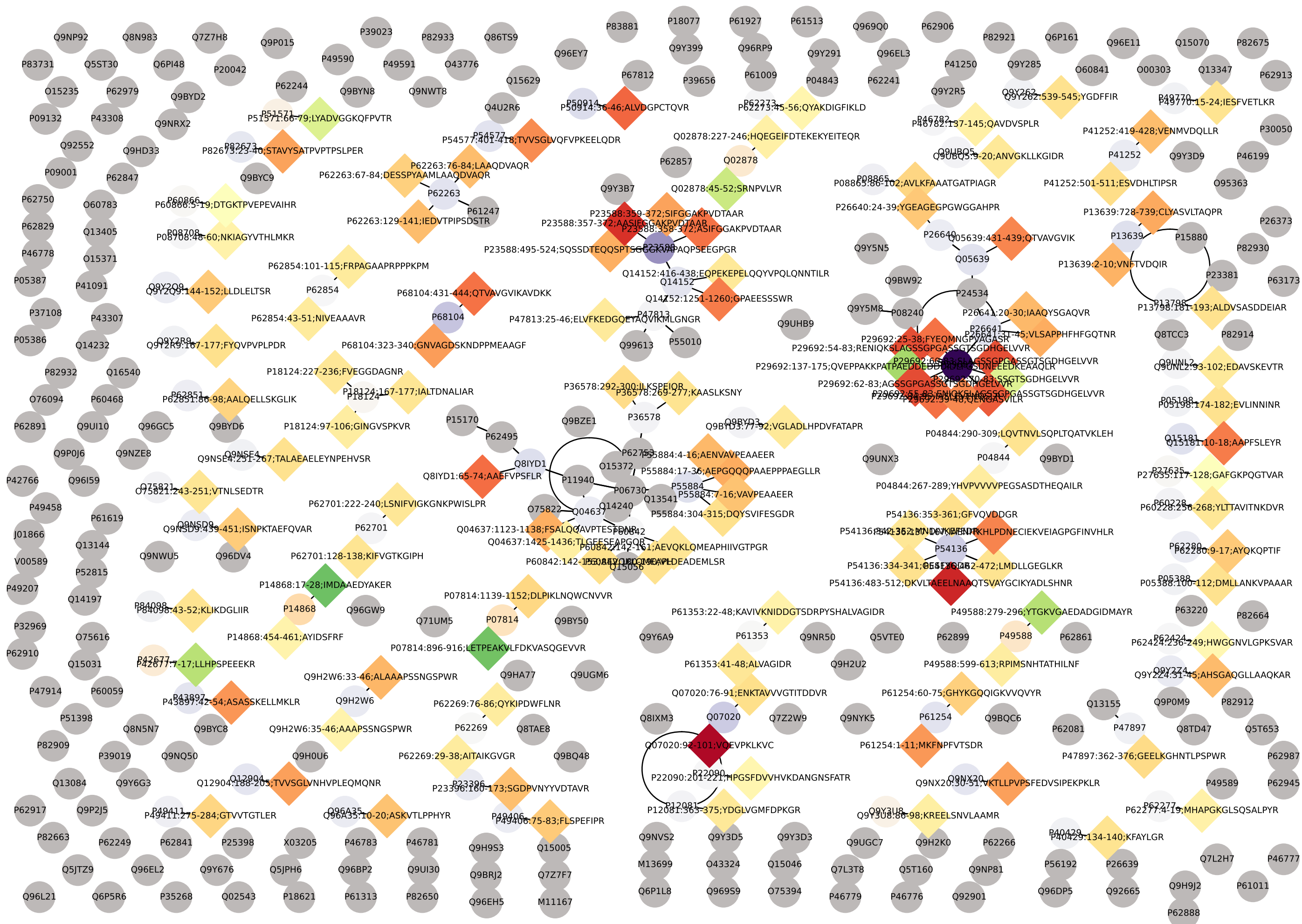
Log2 fold change: Ctrl vs. MMP9
R-HSA-72737: Cap-dependent Translation Initiation
p-value: 1.1102230246251565e-16



Log2 fold change: Ctrl vs. MMP9
R-HSA-72662: Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S
p-value: 1.1102230246251565e-16



Log2 fold change: Ctrl vs. MMP9
R-HSA-72766: Translation
p-value: 1.1102230246251565e-16



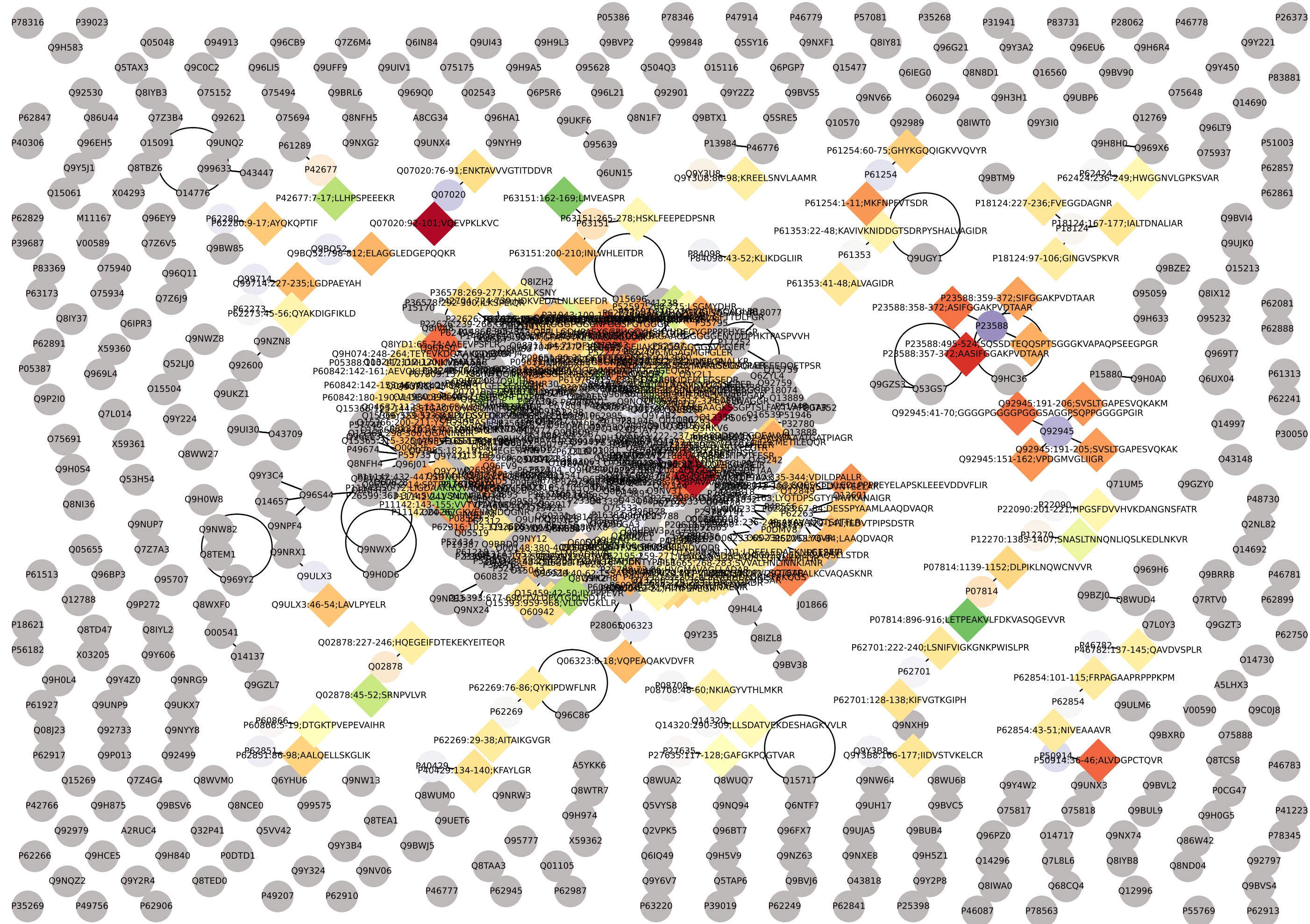
Protein Log2 fold change: Ctrl vs. MMP9



Peptide Log2 fold change: Ctrl vs. MMP9



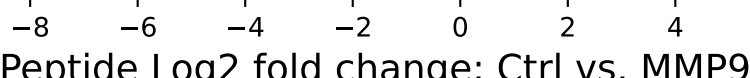
Log2 fold change: Ctrl vs. MMP9
R-HSA-8953854: Metabolism of RNA
p-value: 1.1102230246251565e-16



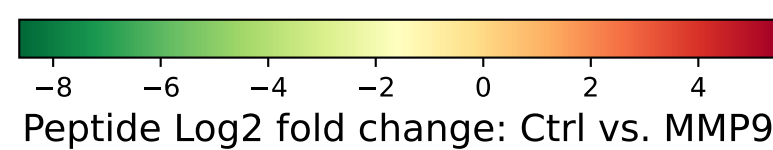
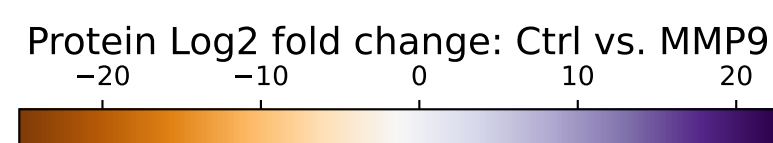
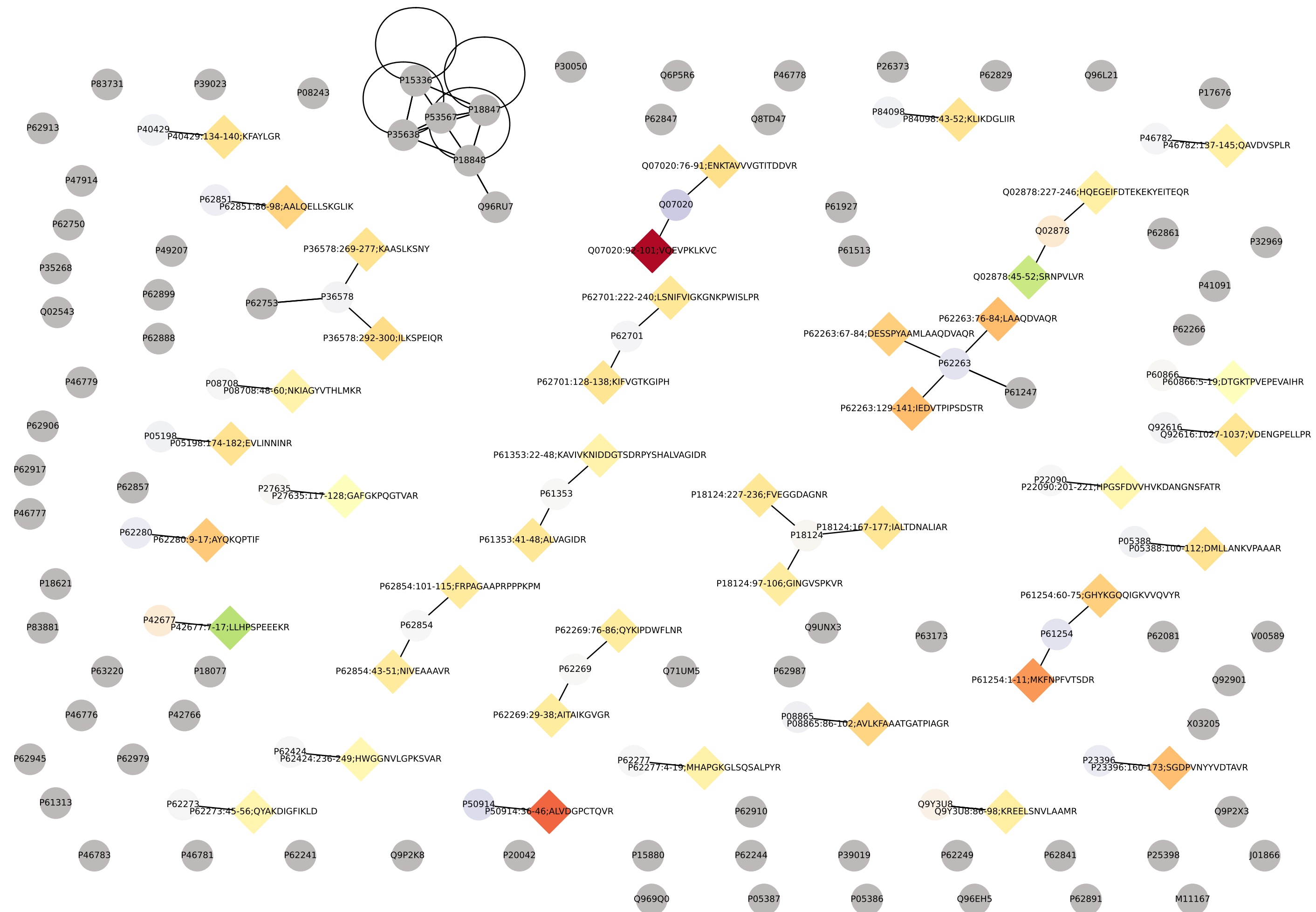
Protein Log2 fold change: Ctrl vs. MMP9



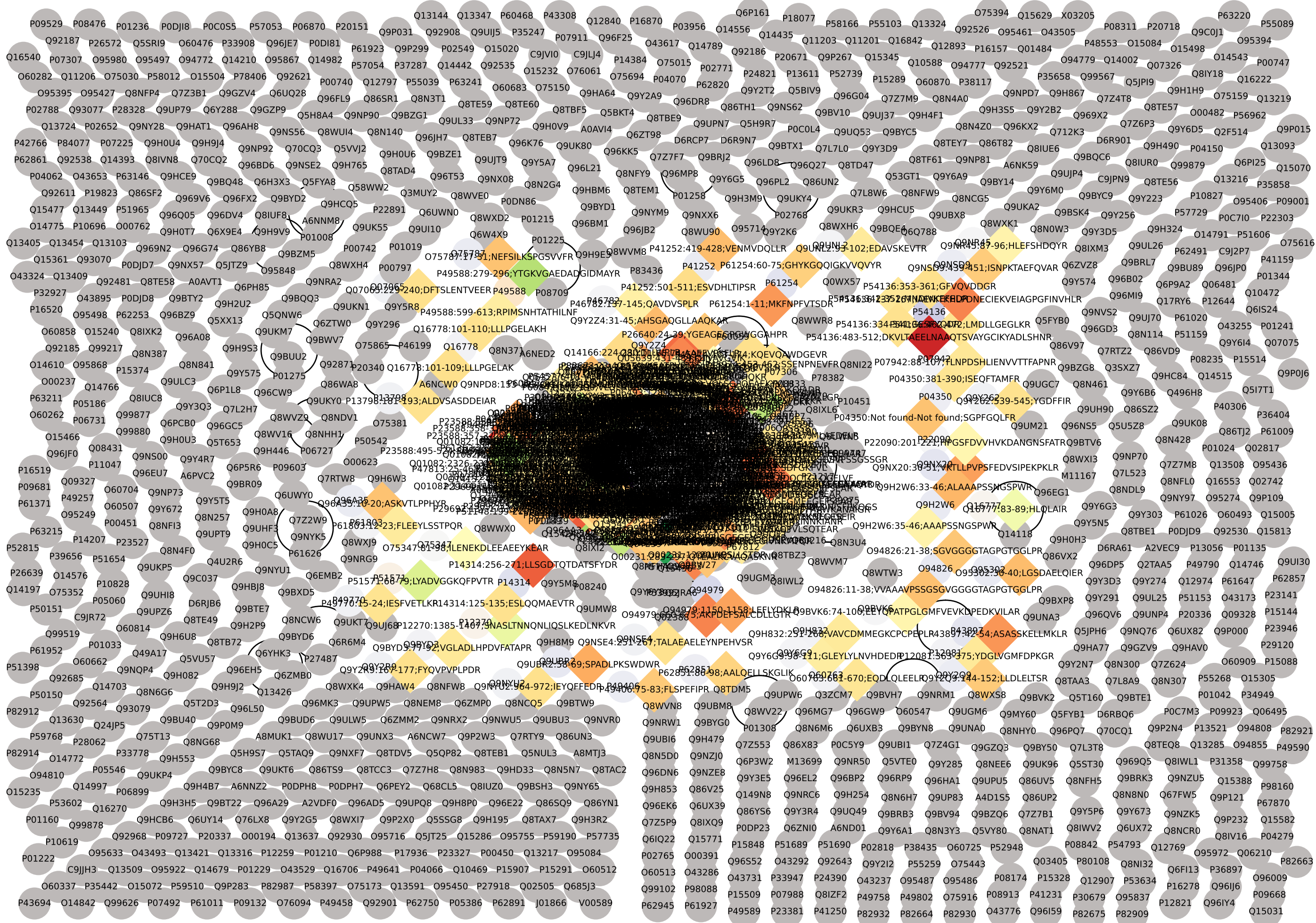
Peptide Log2 fold change: Ctrl vs. MMP9



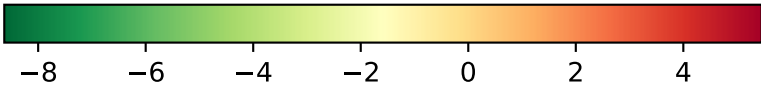
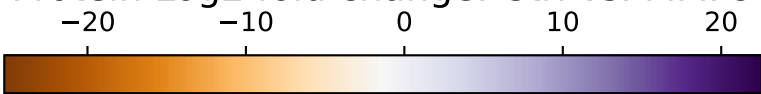
Log2 fold change: Ctrl vs. MMP9
R-HSA-9633012: Response of EIF2AK4 (GCN2) to amino acid deficiency
p-value: 1.1102230246251565e-16



Log2 fold change: Ctrl vs. MMP9
R-HSA-392499: Metabolism of proteins
p-value: 1.1102230246251565e-16



Protein Log2 fold change: Ctrl vs. MMP9



Peptide Log2 fold change: Ctrl vs. MMP9