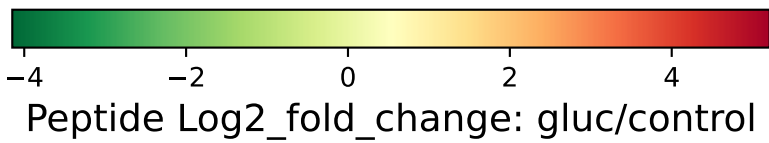
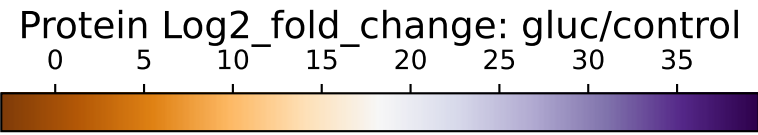
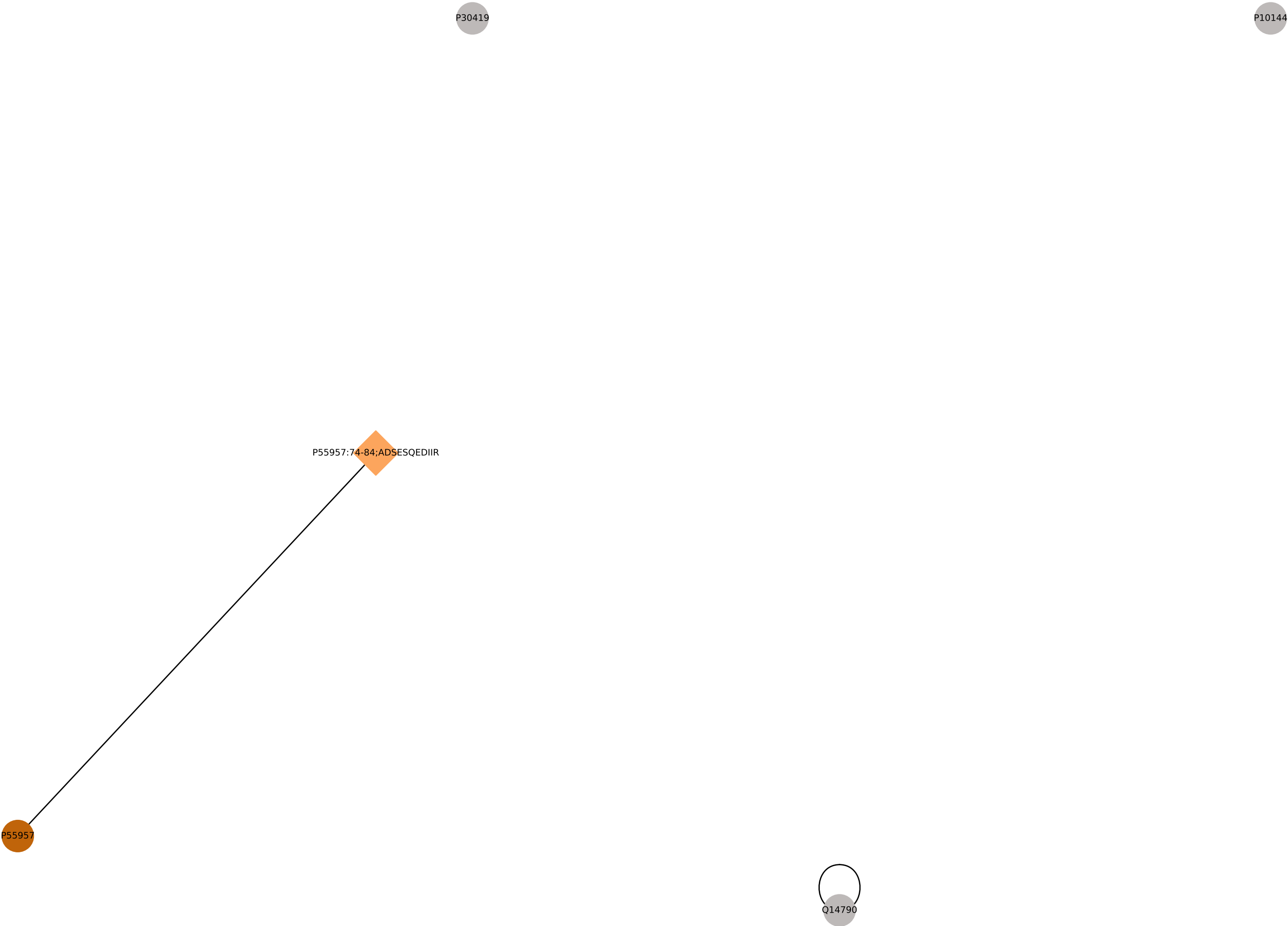
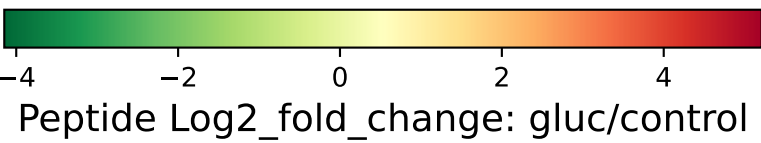
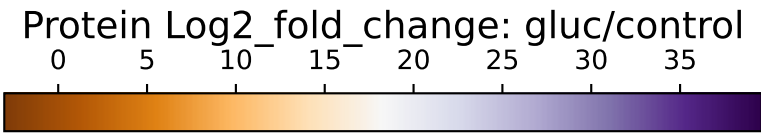
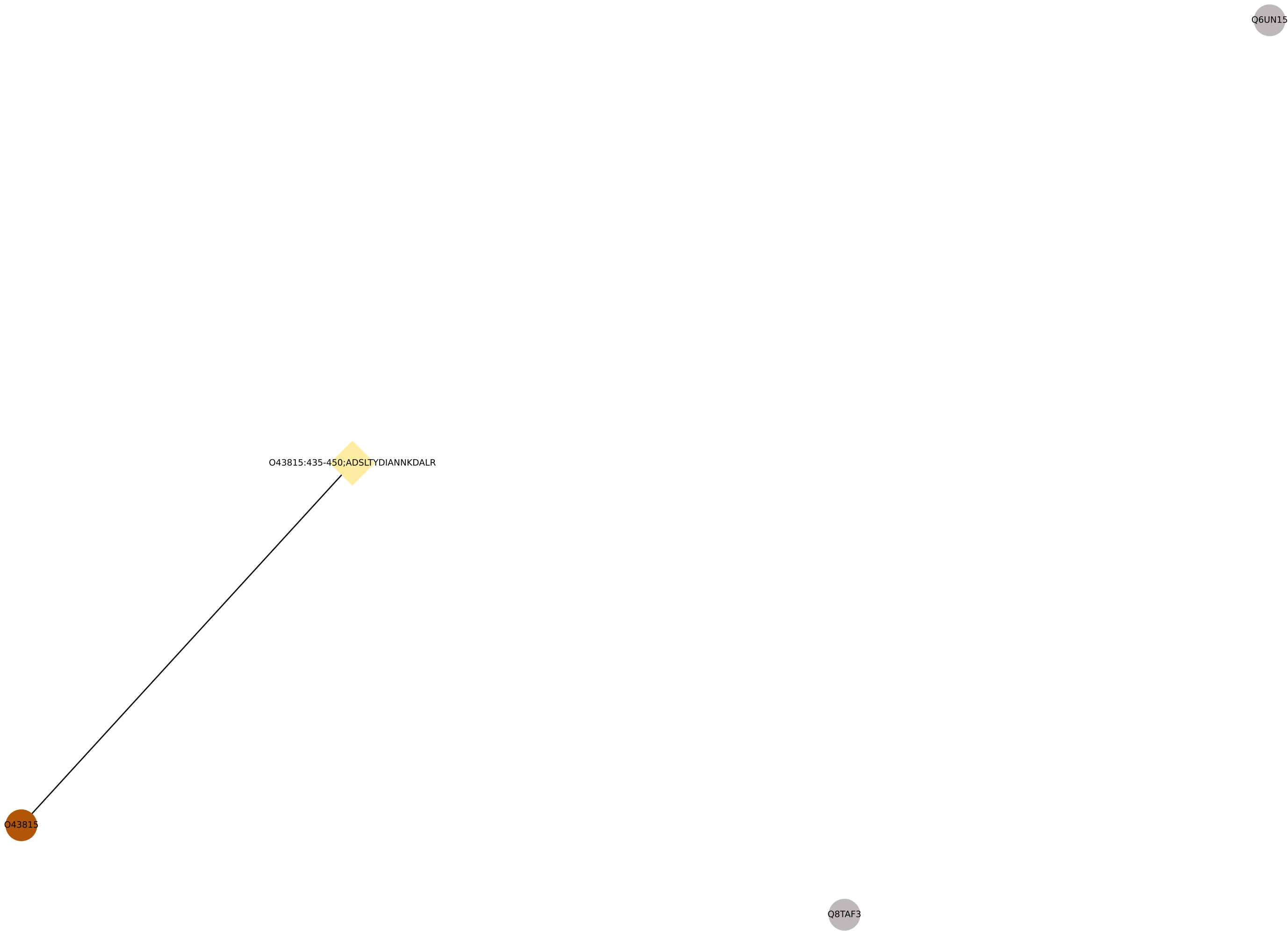


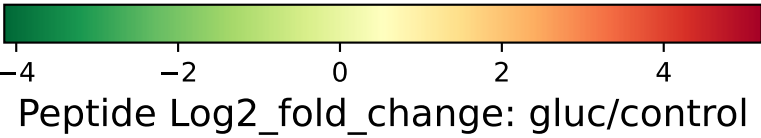
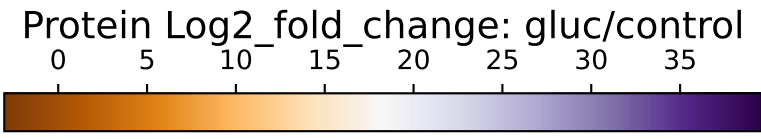
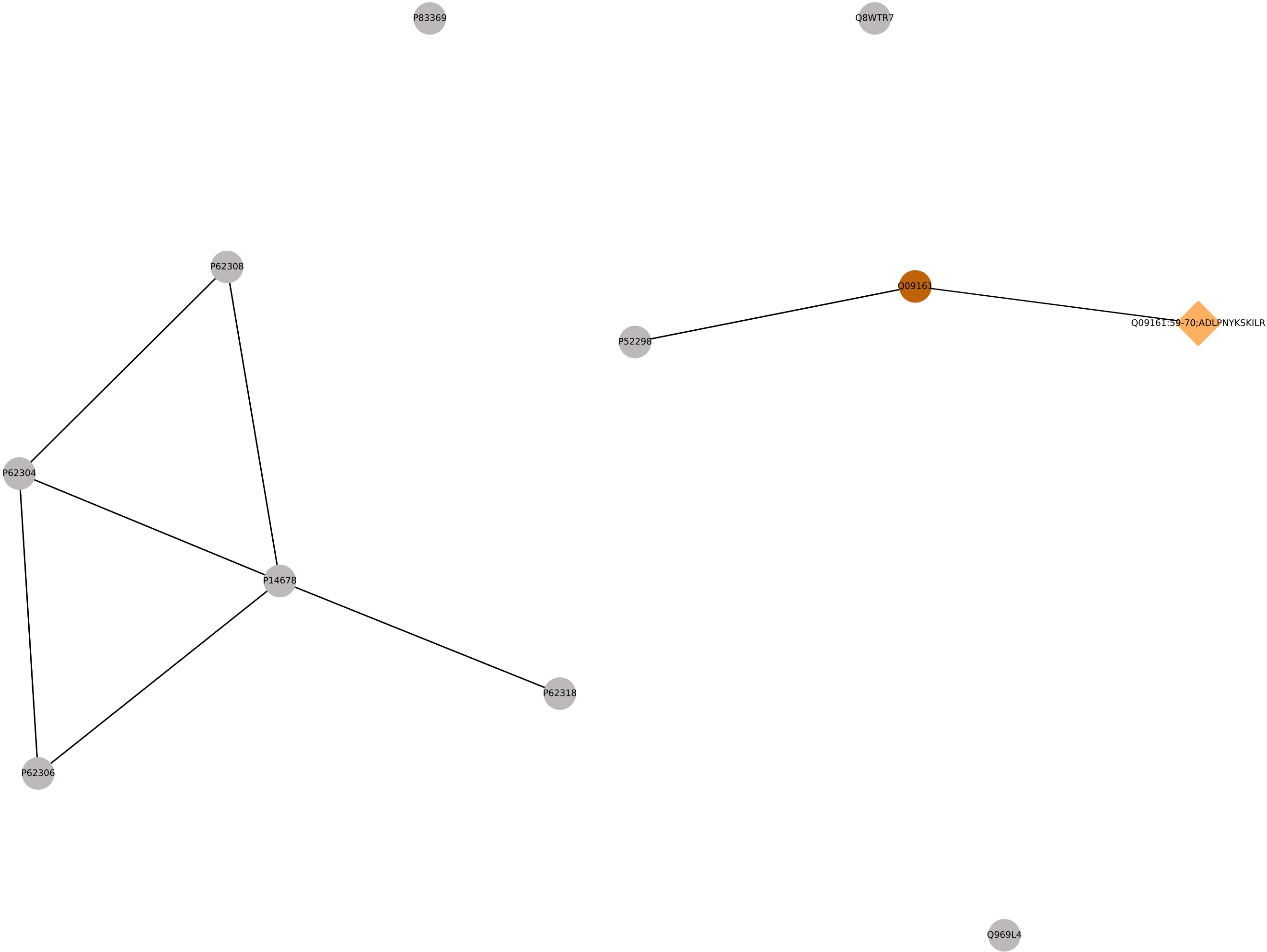
Log2_fold_change: gluc/control
R-HSA-75108: Activation, myristoylation of BID and translocation to mitochondria
p-value: 0.015117656007649471



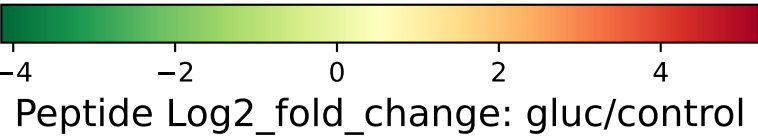
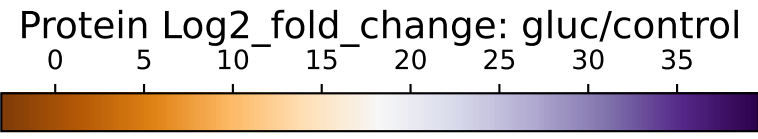
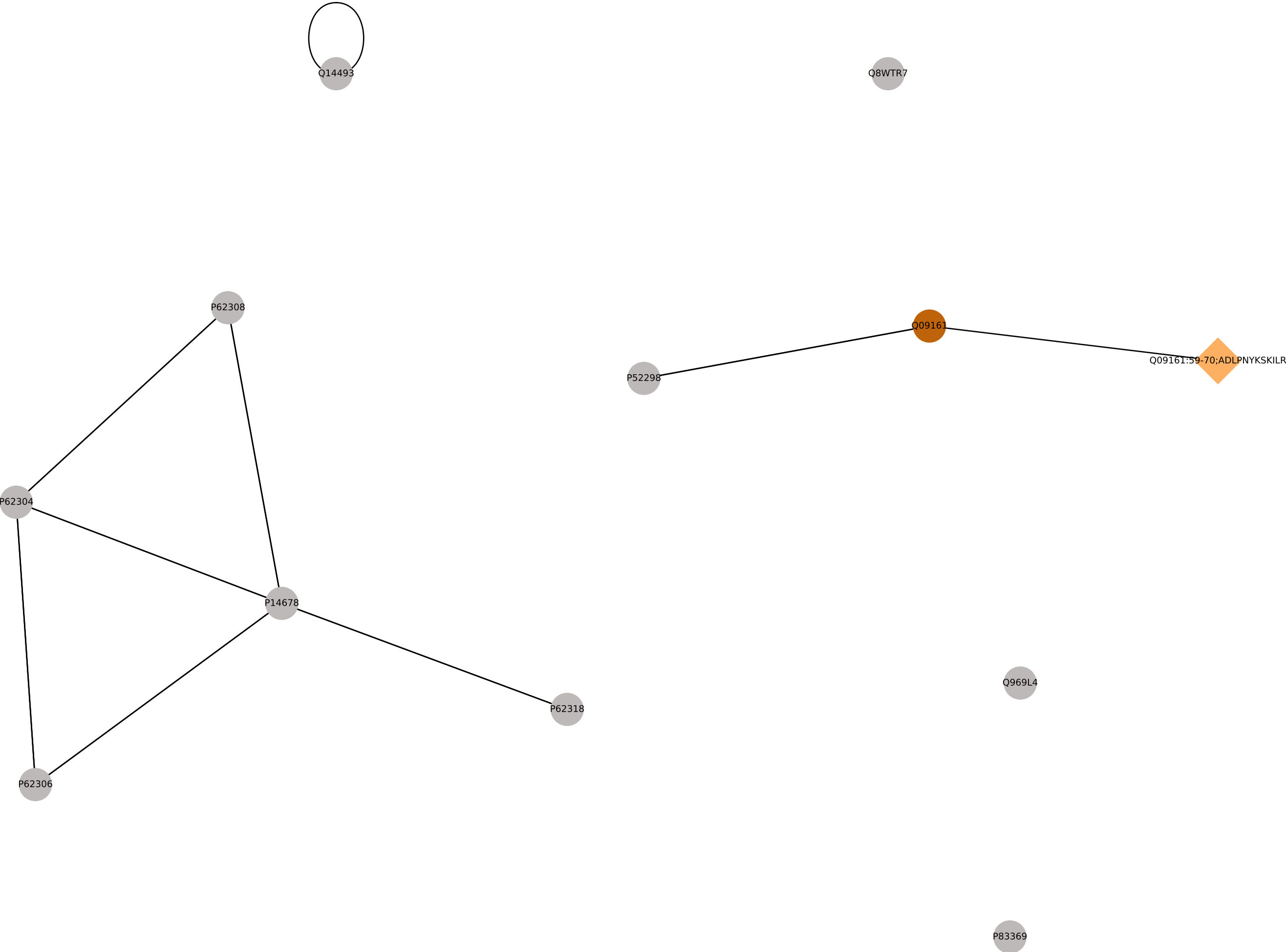
Log2_fold_change: gluc/control
R-HSA-9673766: Signaling by cytosolic PDGFRA and PDGFRB fusion proteins
p-value: 0.018861837637962453



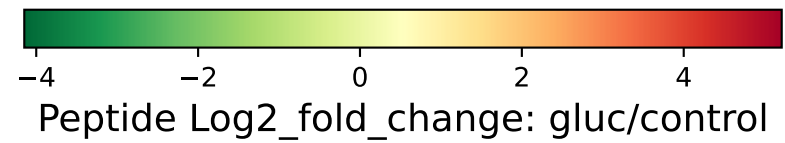
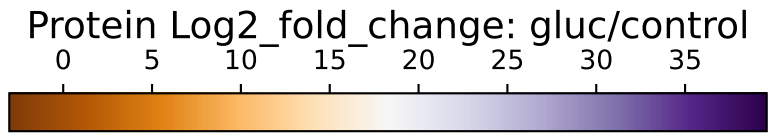
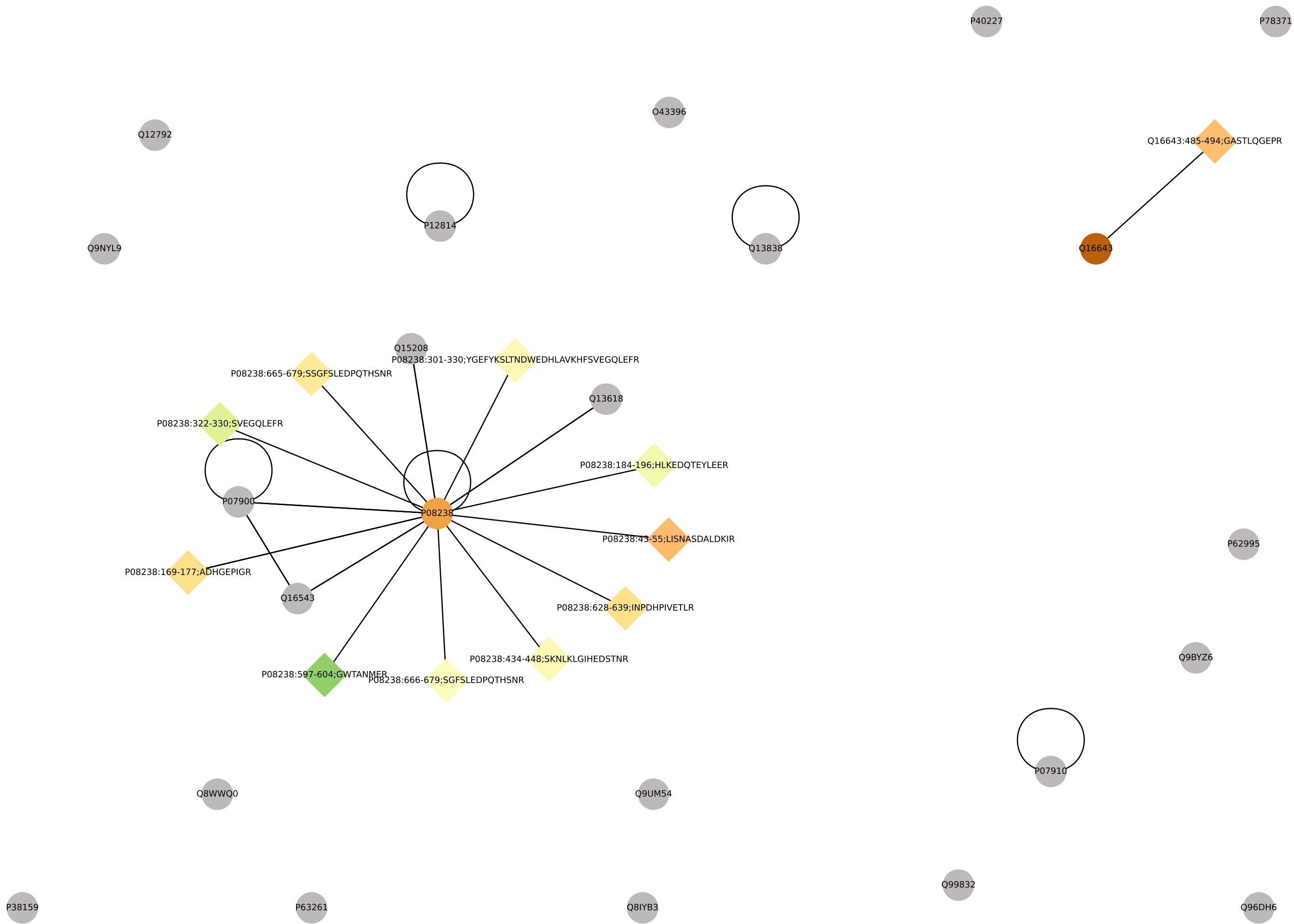
Log2_fold_change: gluc/control
R-HSA-111367: SLBP independent Processing of Histone Pre-mRNAs
p-value: 0.03737392638204595



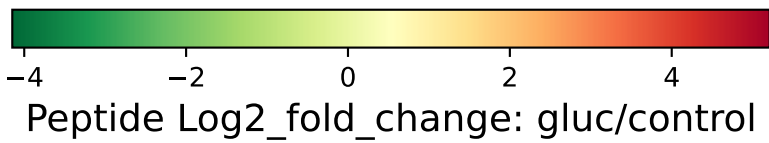
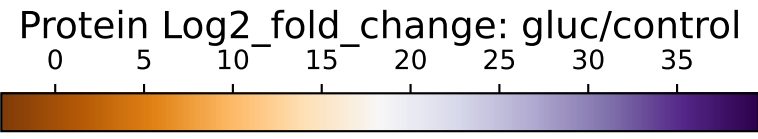
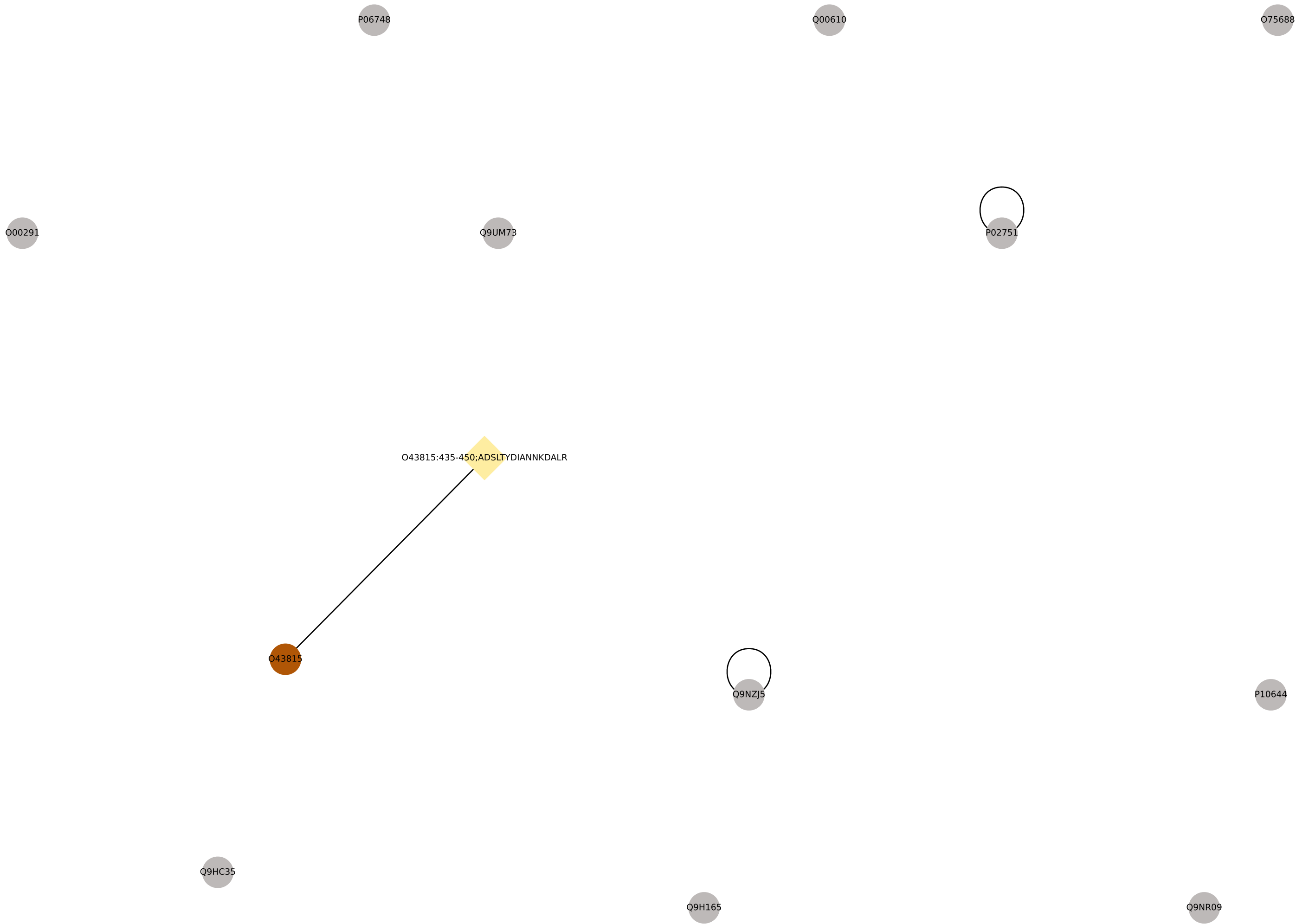
Log2_fold_change: gluc/control
R-HSA-77588: SLBP Dependent Processing of Replication-Dependent Histone Pre-mRNAs
p-value: 0.04103493715974438



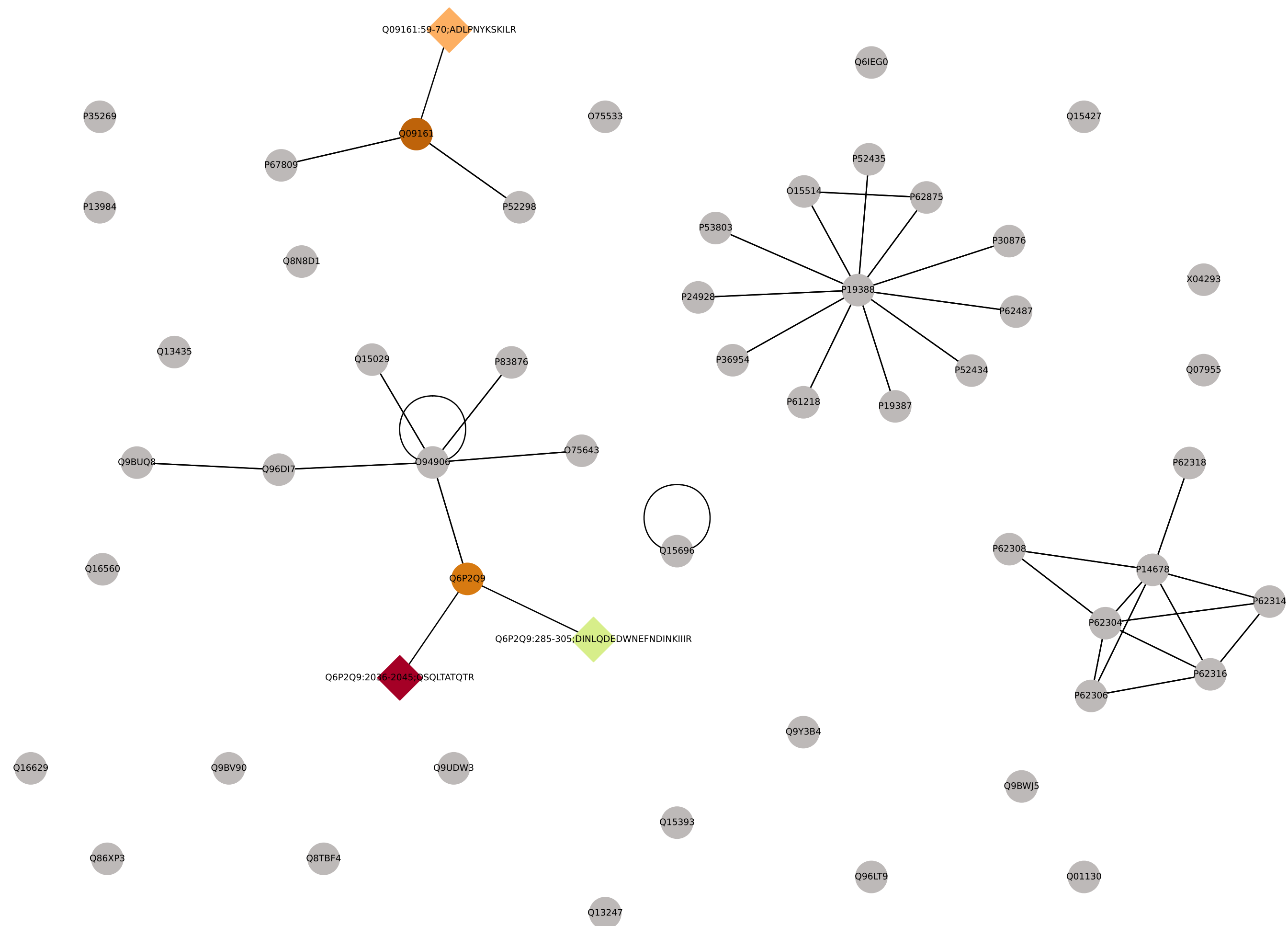
Log2_fold_change: gluc/control
R-HSA-9013418: RHOBTB2 GTPase cycle
p-value: 0.003870027935771292



Log2_fold_change: gluc/control
R-HSA-9700645: ALK mutants bind TKIs
p-value: 0.04468226372702311



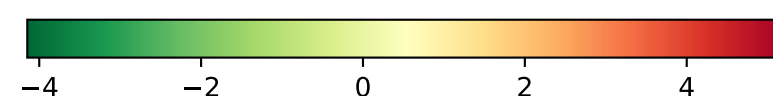
Log2_fold_change: gluc/control
R-HSA-72165: mRNA Splicing - Minor Pathway
p-value: 0.018216773752471993



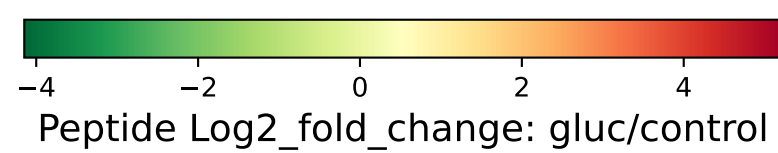
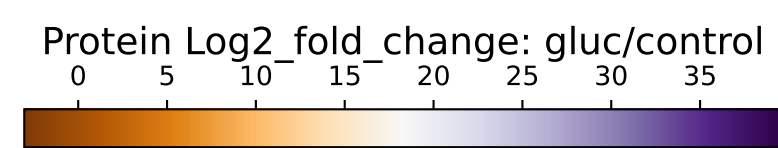
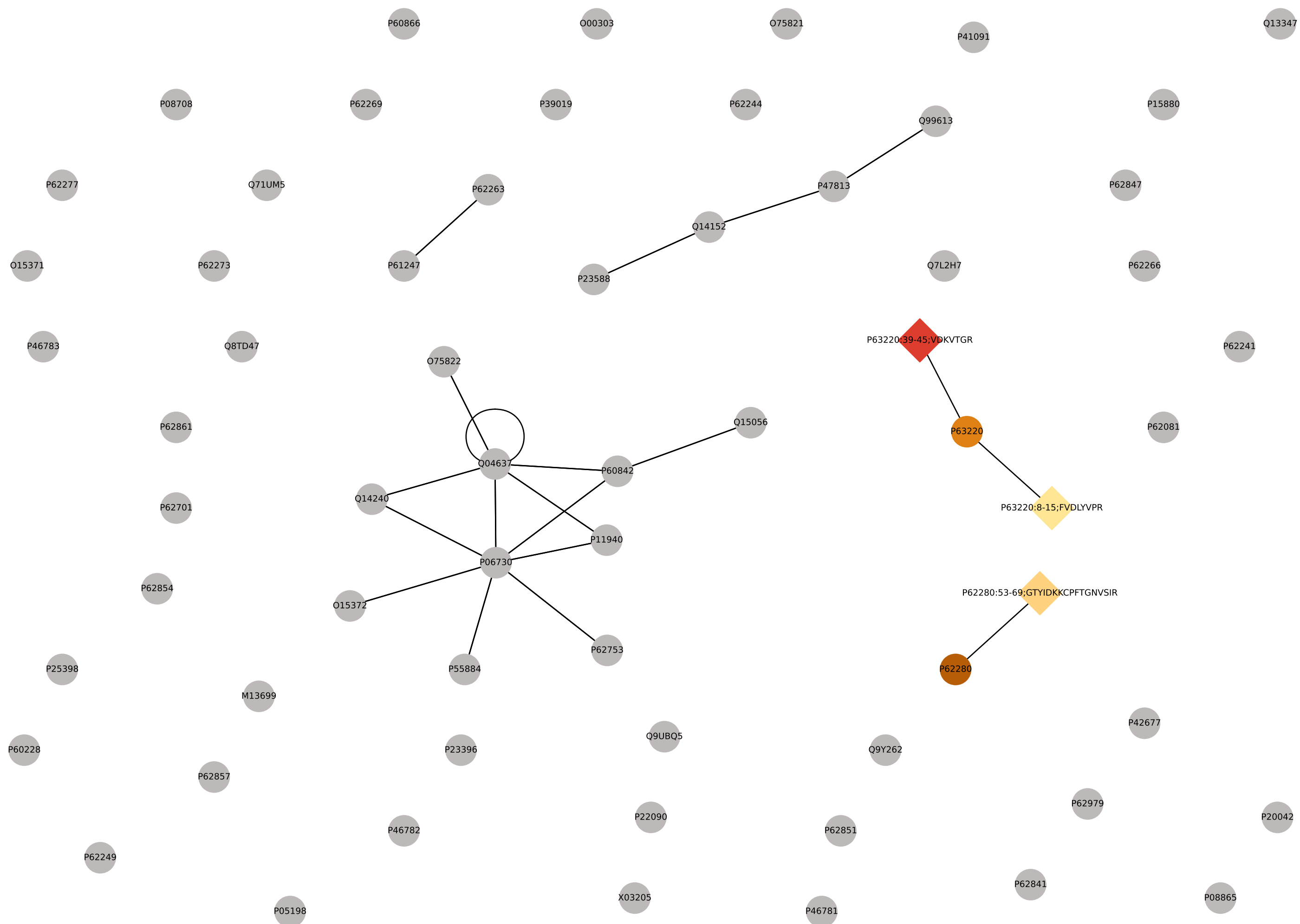
Protein Log2_fold_change: gluc/control



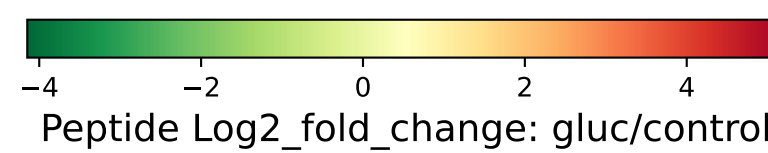
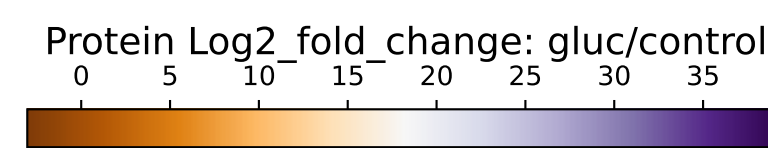
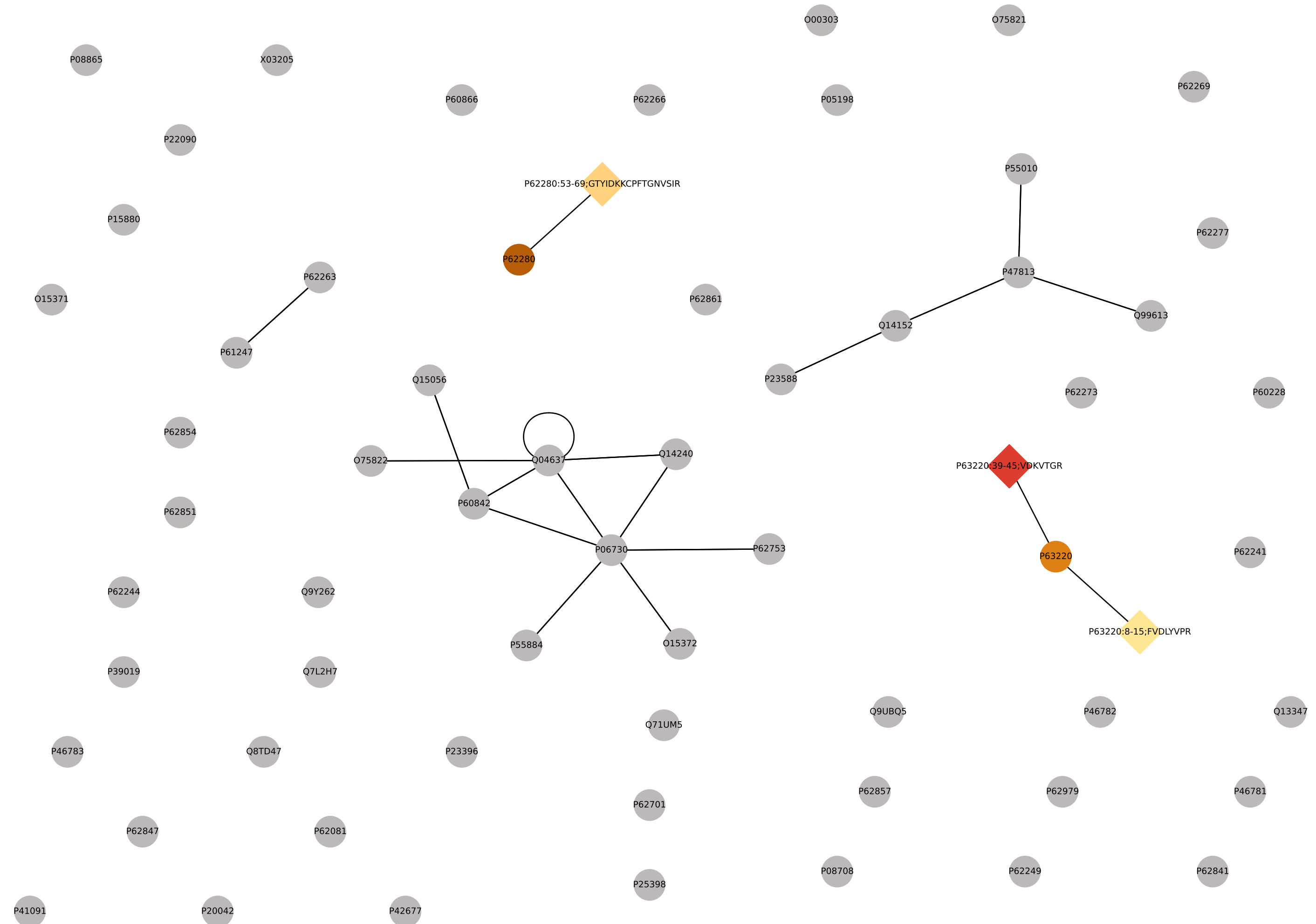
Peptide Log2_fold_change: gluc/control



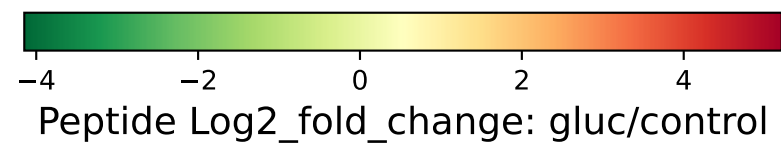
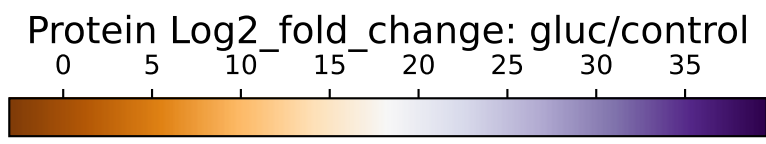
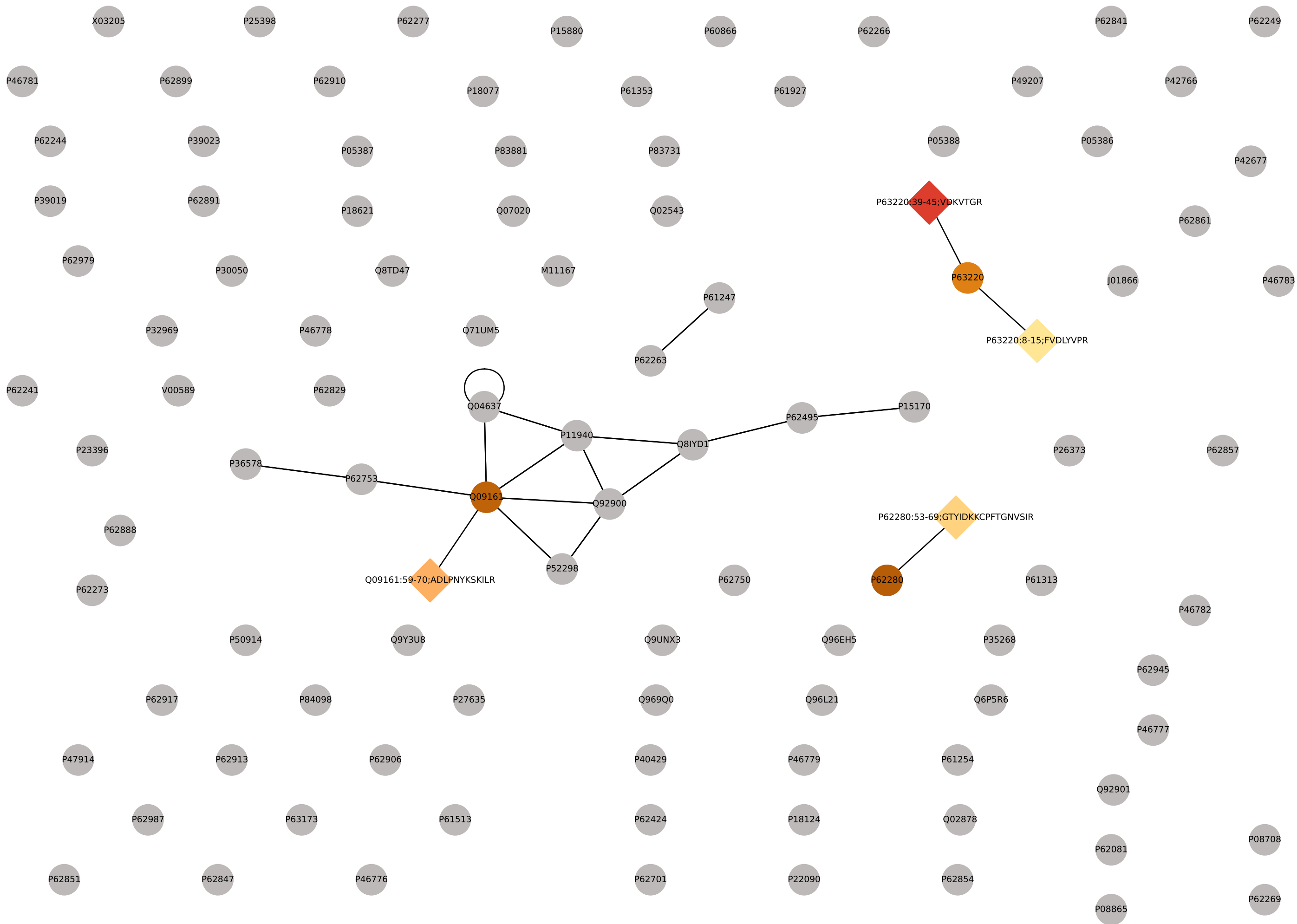
Log2_fold_change: gluc/control
R-HSA-72649: Translation initiation complex formation
p-value: 0.023554931232115828



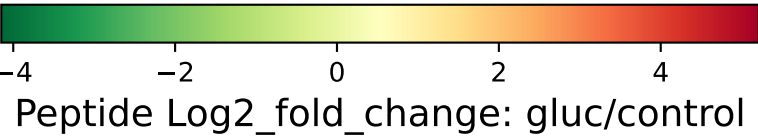
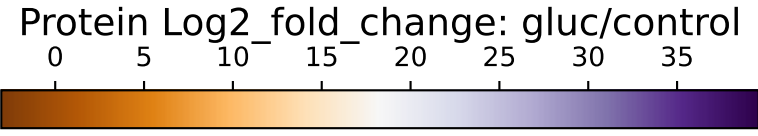
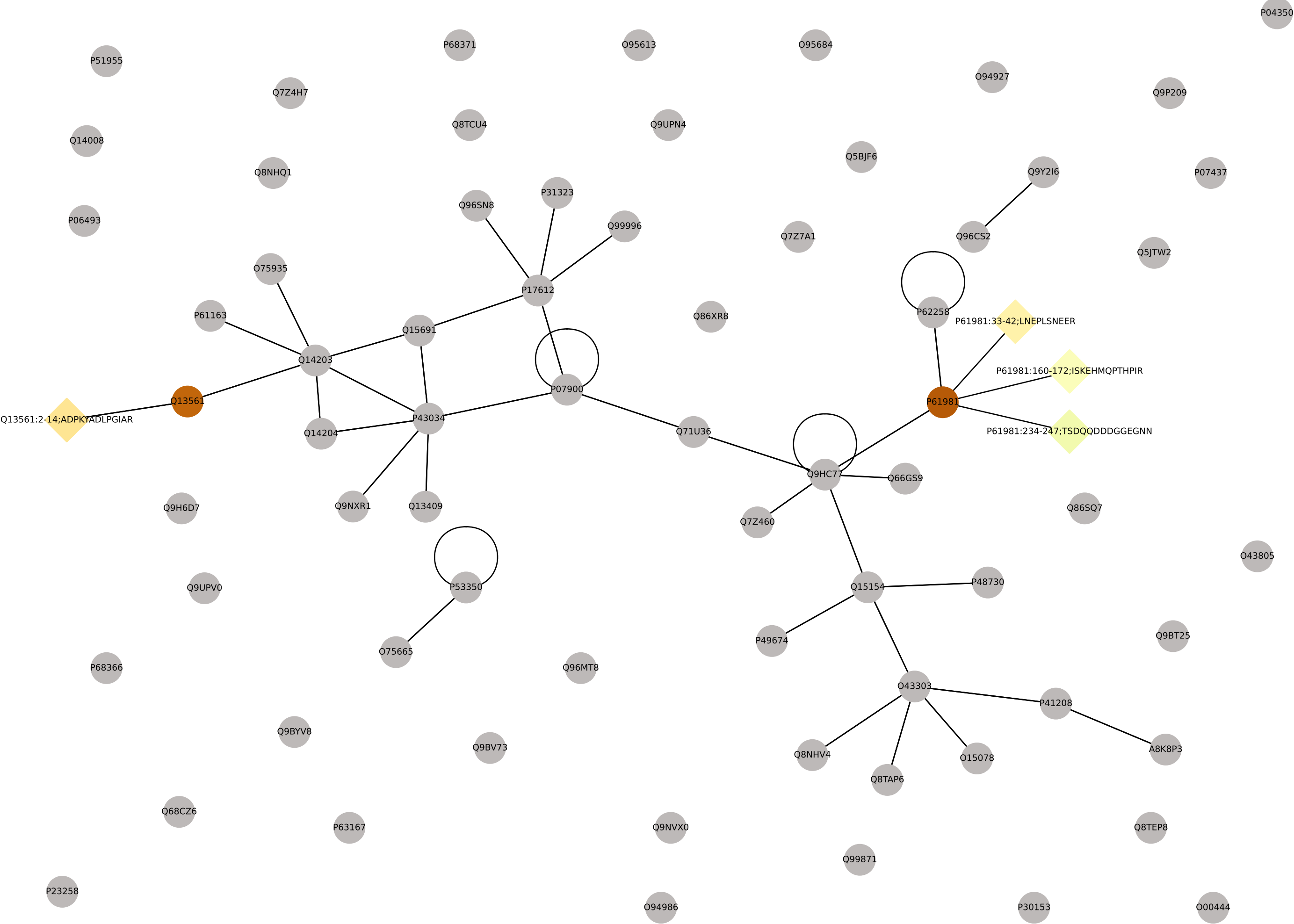
Log2_fold_change: gluc/control
R-HSA-72702: Ribosomal scanning and start codon recognition
p-value: 0.024978417082091475



Log2_fold_change: gluc/control
R-HSA-975956: Nonsense Mediated Decay (NMD) independent of the Exon Junction Complex (EJC)
p-value: 0.006855569728165922



Log2_fold_change: gluc/control
R-HSA-380284: Loss of proteins required for interphase microtubule organization from the centrosome
p-value: 0.030227589686308676



The diagram illustrates a network of protein interactions. Nodes are represented by grey circles (proteins) and yellow diamonds (domains). Two nodes are highlighted in orange: Q13561 and P61981. The diagram shows a complex web of connections between these proteins and domains, with some nodes having self-loops. The layout is organized into two main clusters, one on the left and one on the right, with various smaller clusters and individual nodes scattered throughout.

Left Cluster (Centered around Q13561 and P43034):

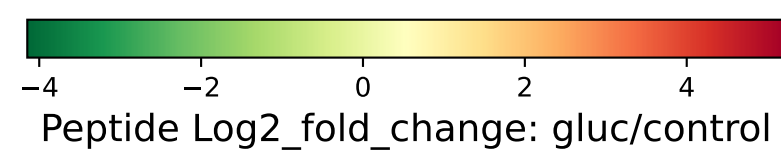
- Q13561 (Orange Circle):** Connected to Q14203 and Q13561:2-14:ADPKYADLPGIAR (Yellow Diamond).
- Q14203:** Connected to Q13561, Q15691, Q14204, and P61163.
- Q15691:** Connected to Q14203 and P17612.
- P17612:** Connected to Q15691, Q965N8, P31323, Q99996, and P07900.
- P07900:** Connected to P17612, Q14203, P43034, Q71U36, and Q13561:2-14:ADPKYADLPGIAR (Yellow Diamond).
- P43034:** Connected to P07900, Q14203, Q14204, Q9NXR1, Q13409, and P53350.
- Q14204:** Connected to Q14203 and P43034.
- Q9NXR1:** Connected to P43034.
- Q13409:** Connected to P43034.
- P53350:** Connected to P43034 and Q75665.
- Q75665:** Connected to P53350.

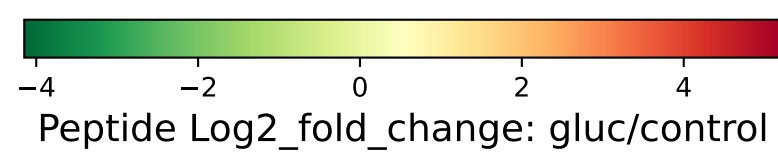
Right Cluster (Centered around P61981 and Q9HC7):

- P61981 (Orange Circle):** Connected to P62258, P61981:33-42:LNEPLSNEER (Yellow Diamond), P61981:160-172:JSKEHMQPTHPIR (Yellow Diamond), P61981:234-247:TSDQQDDDGEGENN (Yellow Diamond), Q9HC7, and Q66GS9.
- P62258:** Connected to P61981 and Q96CS2.
- Q96CS2:** Connected to P62258 and Q9Y216.
- Q9Y216:** Connected to Q96CS2.
- Q9HC7:** Connected to P61981, Q7Z460, Q15154, and Q66GS9.
- Q7Z460:** Connected to Q9HC7.
- Q15154:** Connected to Q9HC7, P49674, P48730, and Q43303.
- P49674:** Connected to Q15154.
- P48730:** Connected to Q15154.
- Q43303:** Connected to Q15154, Q8NHV4, Q8TAP6, Q15078, P41208, and Q88P3.
- Q8NHV4:** Connected to Q43303.
- Q8TAP6:** Connected to Q43303.
- Q15078:** Connected to Q43303.
- P41208:** Connected to Q43303 and Q88P3.
- Q88P3:** Connected to P41208.

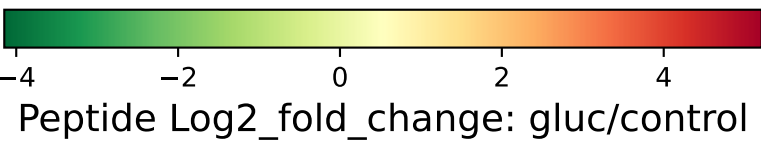
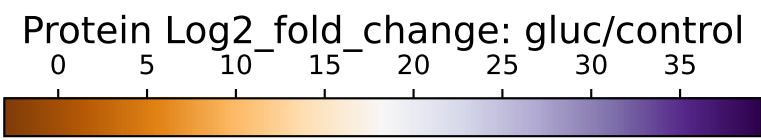
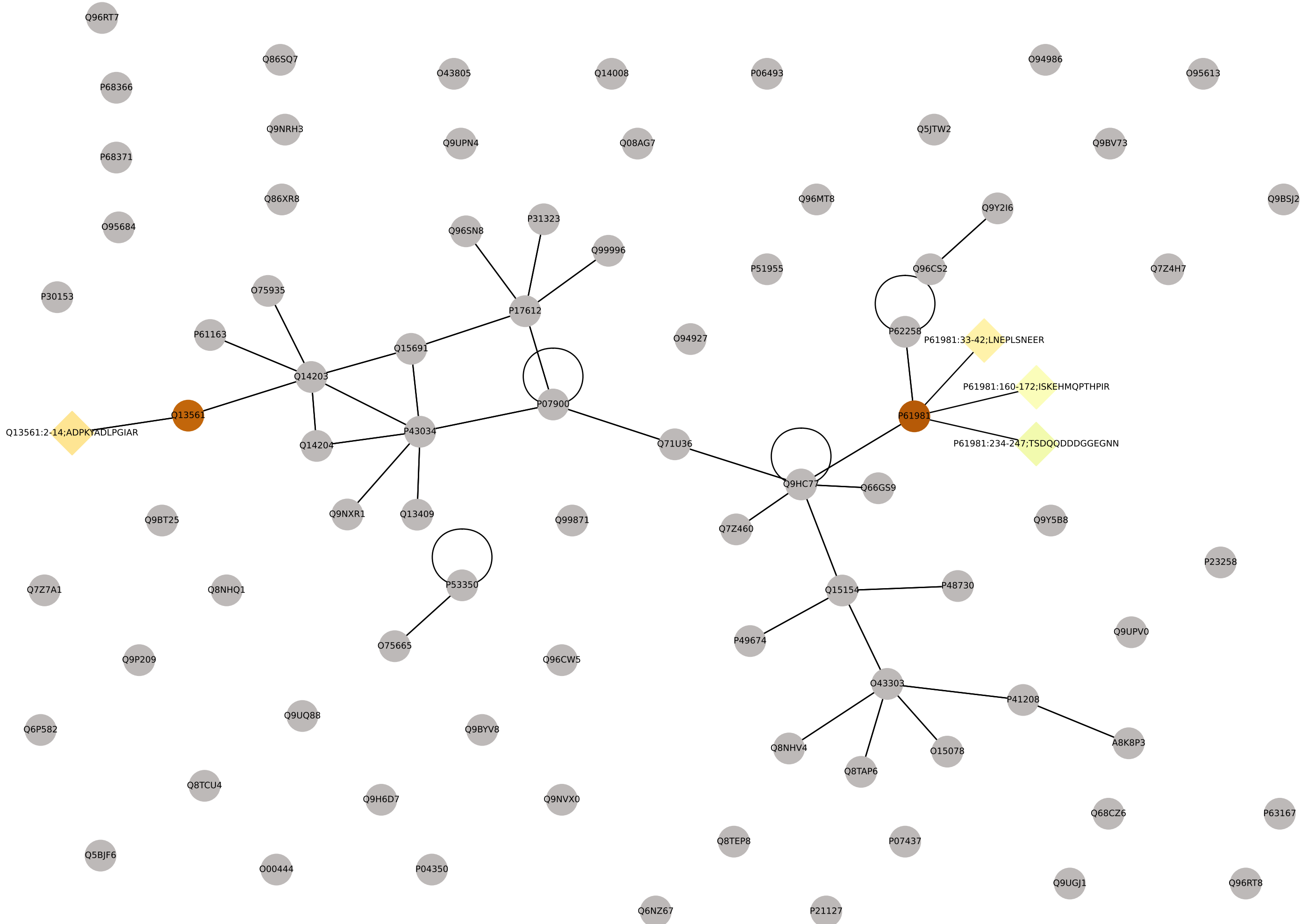
Other Nodes and Connections:

- Q13561:2-14:ADPKYADLPGIAR (Yellow Diamond):** Connected to Q13561 and P07900.
- P61981:33-42:LNEPLSNEER (Yellow Diamond):** Connected to P61981.
- P61981:160-172:JSKEHMQPTHPIR (Yellow Diamond):** Connected to P61981.
- P61981:234-247:TSDQQDDDGEGENN (Yellow Diamond):** Connected to P61981.
- Q13561:** Connected to Q14203 and P07900.
- P07900:** Connected to P17612, Q14203, P43034, Q71U36, and Q13561:2-14:ADPKYADLPGIAR (Yellow Diamond).
- P43034:** Connected to P07900, Q14203, Q14204, Q9NXR1, Q13409, and P53350.
- Q14203:** Connected to Q13561, Q15691, Q14204, and P61163.
- Q15691:** Connected to Q14203 and P17612.
- P17612:** Connected to Q15691, Q965N8, P31323, Q99996, and P07900.
- Q965N8:** Connected to P17612.
- P31323:** Connected to P17612.
- Q99996:** Connected to P17612.
- Q71U36:** Connected to P07900 and Q9HC7.
- Q9HC7:** Connected to P61981, Q7Z460, Q15154, and Q66GS9.
- Q66GS9:** Connected to P61981 and Q9HC7.
- Q15154:** Connected to Q9HC7, P49674, P48730, and Q43303.
- P49674:** Connected to Q15154.
- P48730:** Connected to Q15154.
- Q43303:** Connected to Q15154, Q8NHV4, Q8TAP6, Q15078, P41208, and Q88P3.
- Q8NHV4:** Connected to Q43303.
- Q8TAP6:** Connected to Q43303.
- Q15078:** Connected to Q43303.
- P41208:** Connected to Q43303 and Q88P3.
- Q88P3:** Connected to P41208.



[illegible]

Log2_fold_change: gluc/control
R-HSA-380270: Recruitment of mitotic centrosome proteins and complexes
p-value: 0.0384084717376354



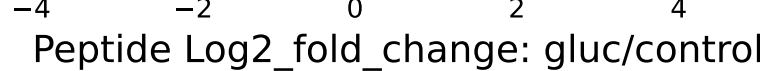
The diagram illustrates a complex network of protein interactions. The nodes are represented by circles, with some nodes highlighted in orange and yellow to indicate specific proteins of interest. The nodes are interconnected by a dense web of black lines, representing the interactions between them. The layout is circular, with a central cluster of nodes and many peripheral nodes connected to the periphery.

Key nodes and their associated protein sequences are labeled:

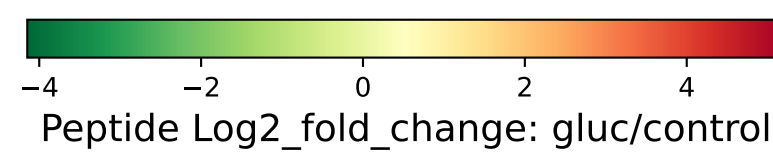
- P63220:39-45:VDKVTGR** (Red diamond)
- P63220** (Orange circle)
- P63220:8-15:FVDLYVPR** (Yellow diamond)
- Q92900** (Central gray circle)
- Q9161** (Orange circle)
- Q9161:59-70:ADLPNYKSKILR** (Orange diamond)
- P62280:53-69:GTYIDKKCPFTGNVSIR** (Yellow diamond)
- P62280** (Orange circle)

Other labeled nodes include:

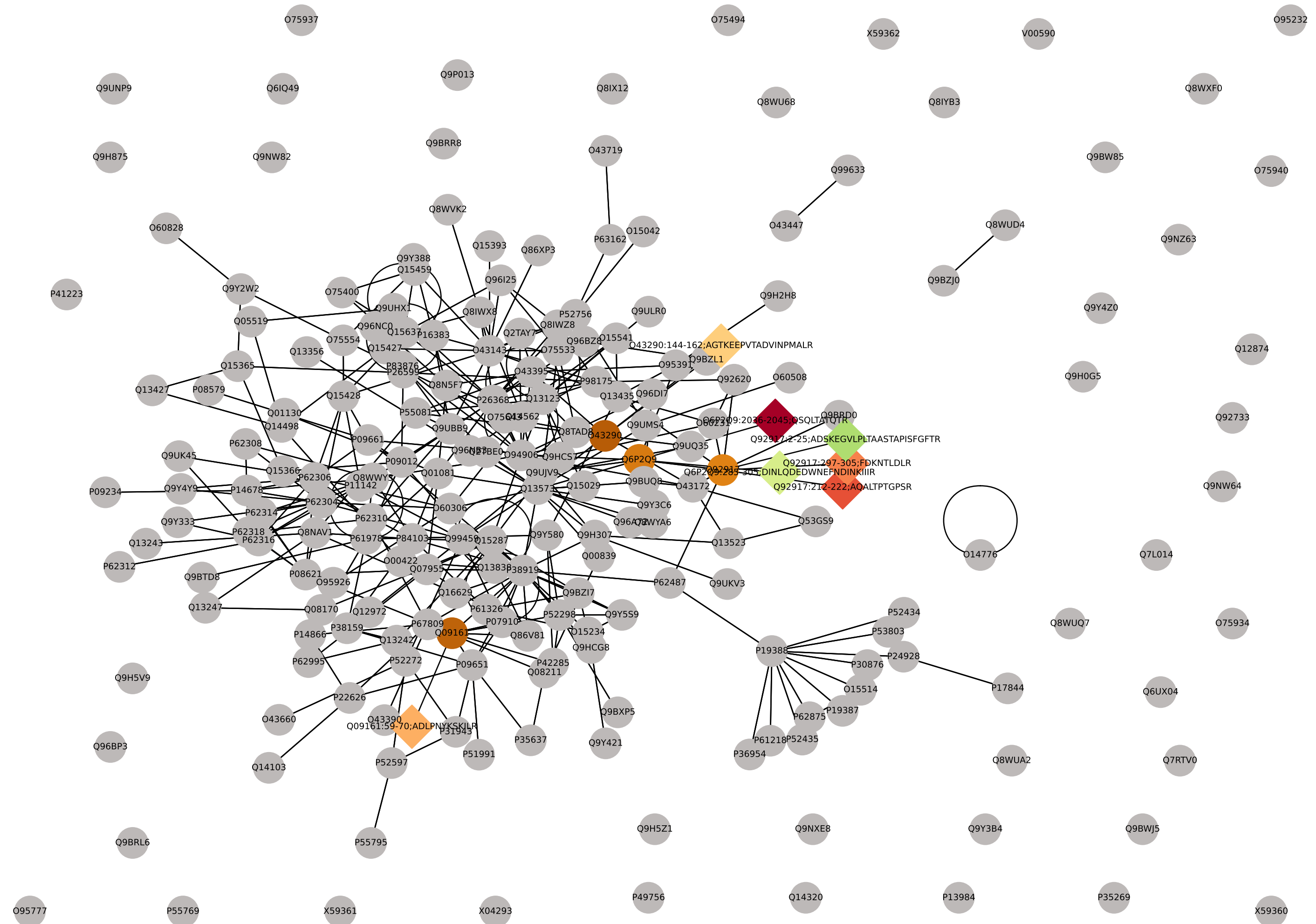
- P08865, X03205, P25398, P62857, P62273, P63151, P62244, P23396, P62861, P46781, P62277, P62913, P61513, Q02543, P62829, P05388, P62241, P46782, P63173, P15880, P62987, P62841, P62081, P49207, P969Q0, Q96EH5, P62808, P42766, P60866, P62888, P08708, P42677, P62266, P47914, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268, Q9Y3U8, P18621, P62910, P62899, P08865, P30153, P62249, P46783, P61353, P62979, P39019, Q9UNX3, Q71UM5, P61247, P62263, Q8ND04, Q9UPR3, Q9NPJ4, Q92540, Q9NPI6, Q9H1J1, Q96Q15, Q15234, Q9BZI7, Q15287, P61326, P38919, P52298, Q9Y559, Q9161, P62753, P36578, P61254, P46777, P62847, P62851, Q02878, P62854, P18124, P62424, P22090, P27635, P62701, P62917, P32969, V00589, Q92901, P39023, P83731, P18077, P05387, P61313, P35268,



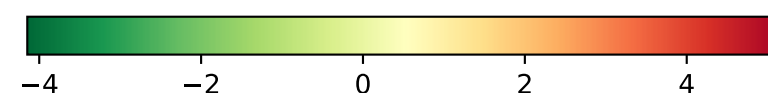
The diagram illustrates a network of protein interactions. The nodes are represented by grey circles, each labeled with a UniProt ID. Two nodes, Q13561 and P61981, are highlighted in orange. Three nodes are highlighted in yellow: Q13561:2-14:ADPKYADLPGIAR, P61981:33-42:LNEPLSNEER, and P61981:160-172:ISKEHMQPTHPHPIR. The network shows a central cluster of nodes connected to each other, with several peripheral nodes connected to the main cluster. The nodes are arranged in a circular pattern around the center.



Log2_fold_change: gluc/control
R-HSA-72163: mRNA Splicing - Major Pathway
p-value: 0.008907459881584257



Protein Log2_fold_change: gluc/control



Peptide Log2_fold_change: gluc/control

Log2_fold_change: gluc/control
R-HSA-72172: mRNA Splicing
p-value: 0.01056574513476305

