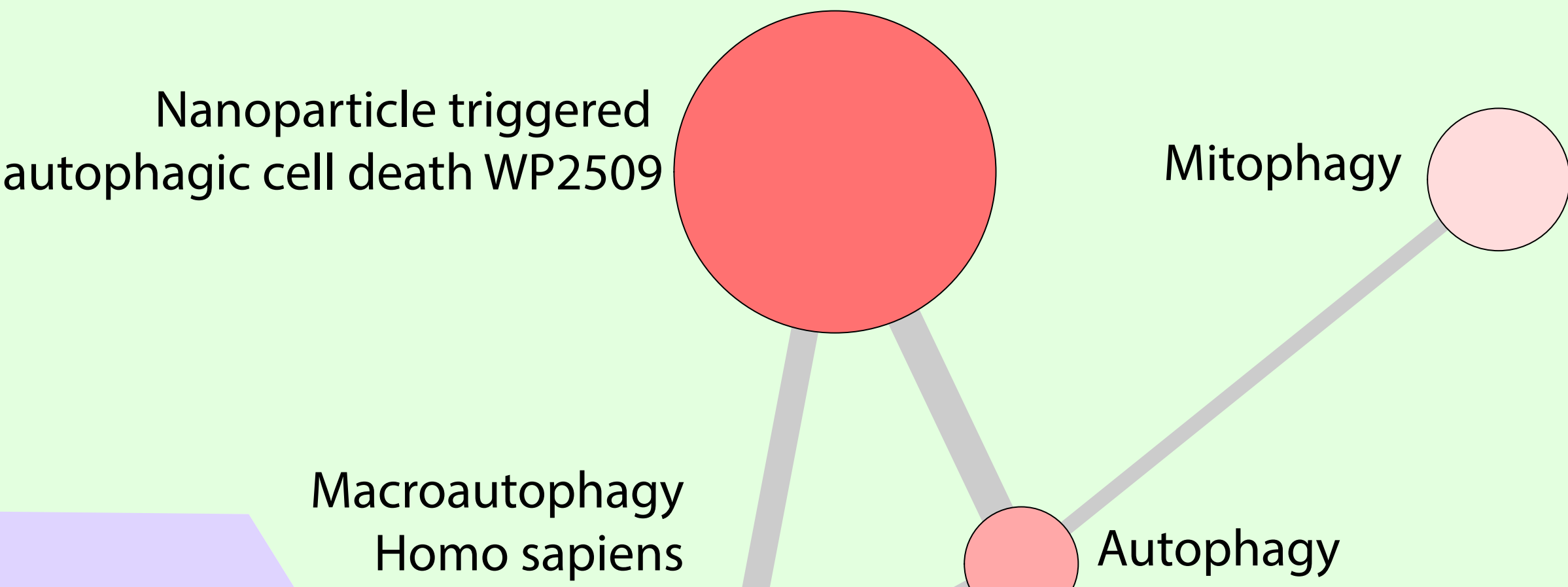
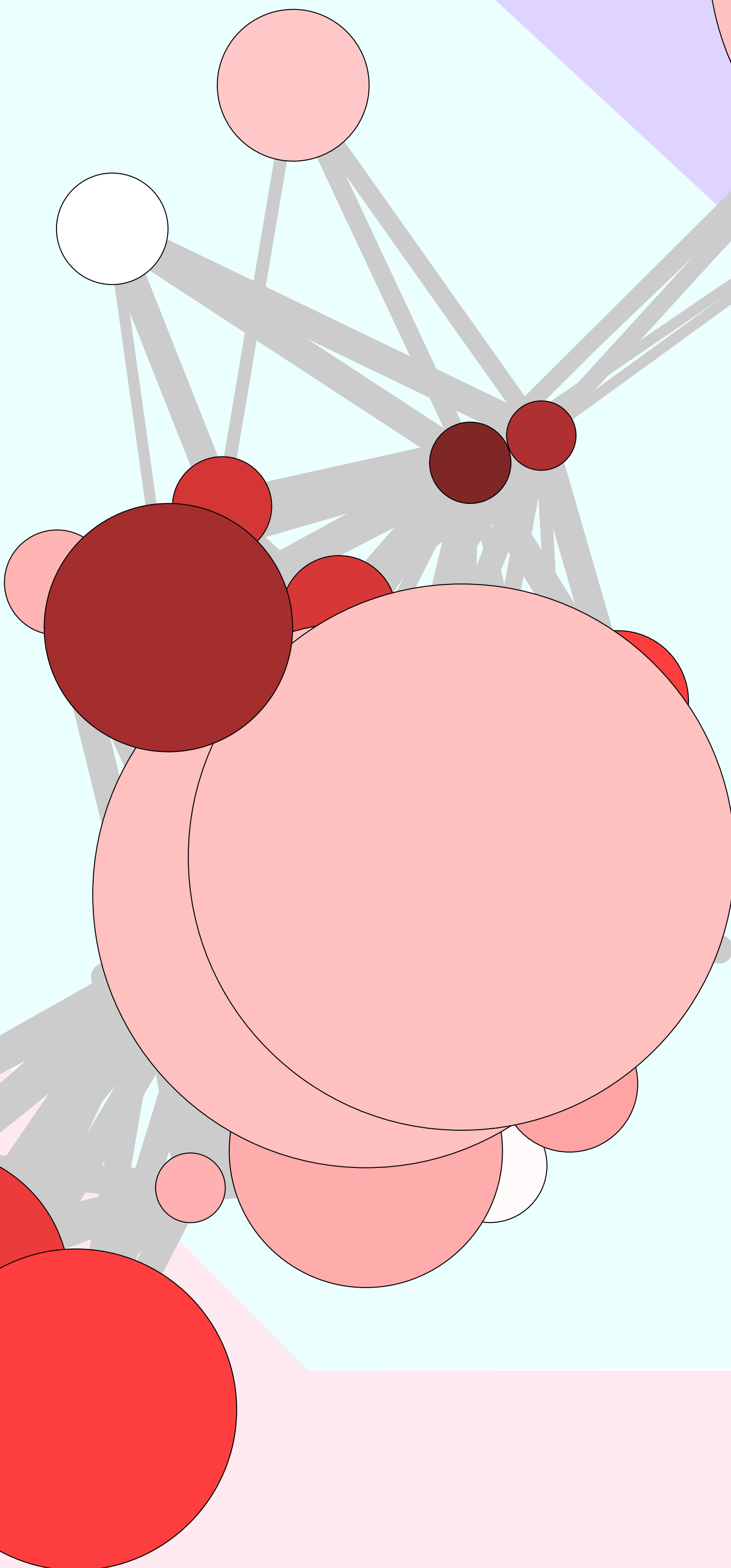


Autophagy-related Pathways



Metabolism-related Pathways

Import of palmitoyl-CoA into the mitochondrial matrix
AMPK inhibits chREBP transcriptional activation activity R-HSA-163680
AMPK inhibition of chREBP transcriptional activation activity
Apelin signaling pathway
TOR signaling
Target Of Rapamycin (TOR) Signaling WP1471
Sterol Regulatory Element-Binding Proteins (SREBP) signalling WP1982
Longevity regulating pathway



Post-translational processing Pathways

Post-translational protein modification
N-Glycan biosynthesis
Glycosylation of mammalian N-linked oligosaccharides
Post-translational protein modification Homo sapiens R-HSA-597592
N-glycan trimming and elongation in the cis-Golgi Homo sapiens R-HSA-964739
N-glycan trimming and elongation in the cis-Golgi
Glycosylation of mammalian N-linked oligosaccharides
Transport to the Golgi and subsequent modification
Asparagine N-linked glycosylation Homo sapiens R-HSA-446203
ER to Golgi Anterograde Transport Homo sapiens R-HSA-199977
SNARE interactions in vesicular transport
Membrane Trafficking Homo sapiens R-HSA-199991
COPI-mediated anterograde transport Homo sapiens R-HSA-6807878
Intra-Golgi traffic Homo sapiens R-HSA-6811438
COPII (Coat Protein 2) Mediated Vesicle Transport Homo sapiens R-HSA-204005
Vesicle-mediated transport Homo sapiens R-HSA-5653656
Retrograde transport at the Trans-Golgi-Network Homo sapiens R-HSA-6811440

Phospholipid-related Pathways

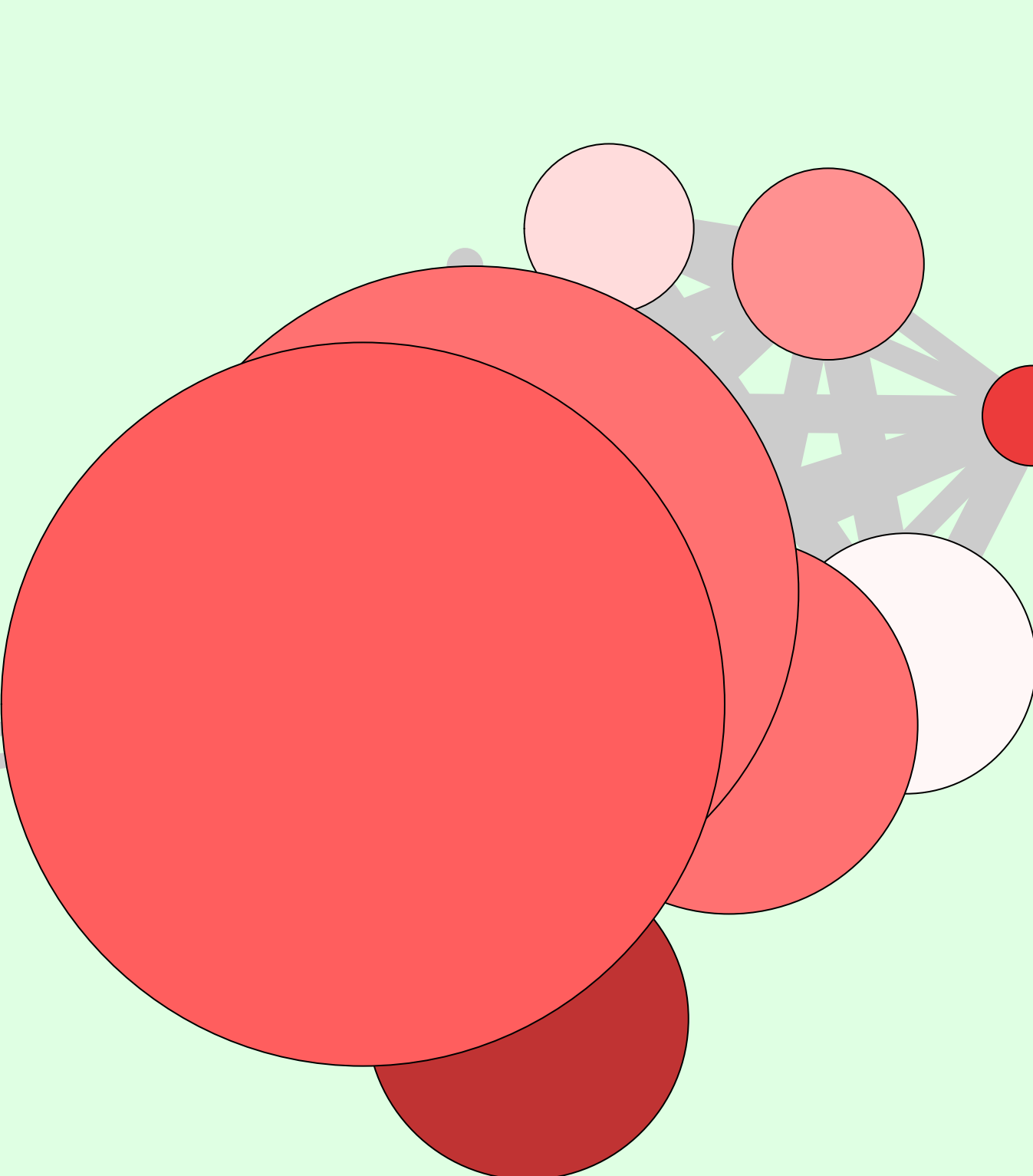
Phospholipid metabolism
Phosphatidylinositol signaling system
PI Metabolism Homo sapiens R-HSA-1483255
Phosphatidylinositol metabolism
Phospholipid metabolism Homo sapiens R-HSA-1483257
Inositol phosphate metabolism
PIP biosynthesis at the plasma membrane
Synthesis of PIPs at the plasma membrane Homo sapiens R-HSA-1660499

GPI-related Pathways

Post-translational modification: synthesis of GPI-anchored proteins Homo sapiens R-HSA-163125
Glycosylphosphatidylinositol (GPI)-anchor biosynthesis
Synthesis of glycosylphosphatidylinositol (GPI) Homo sapiens R-HSA-162710
Post-translational modification: biosynthesis of GPI-anchored proteins
Glycosylphosphatidylinositol (GPI) biosynthesis

T cell activation Homo sapiens P00053

PDGF signaling pathway
Homo sapiens P00047



IFN-related Pathways

Interferon-alpha signaling pathway
IFN alpha signaling pathway Homo sapiens h ifnaPathway
Interferon alpha/beta signaling Homo sapiens R-HSA-909733
Regulation of IFNA signaling Homo sapiens R-HSA-912694
Interferon type I signaling pathways WP585
Interferon alpha/beta signaling
The human immune response to tuberculosis WP4197
Herpes simplex virus 1 infection
Interferon alpha signaling regulation



Endocytosis

Development of pulmonary dendritic cells
and macrophage subsets WP3892

Phosphate bond hydrolysis by NUDT proteins
Homo sapiens R-HSA-2393930

Parathyroid hormone synthesis,
secretion and action

Thyroid hormone synthesis

Rett syndrome causing
genes WP4312

p38 alpha/beta MAPK
downstream pathway

Lysosome