

# Cell Processes regulated and enriched by Nuclear Receptors

Cell Process regulated and enriched by input genes	Total # of Neighbors	Gene Set Seed	Overlap	Percent Overlap	Overlapping Entities	p-value
Protein regulators of energy homeostasis	1185	energy homeostasis	39	3	PPARD, RXRG, PPARG, HNF4A, NR2F2, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, NR5A2, NR3C2, NR0B2, ESRRG, NR4A2, THRB, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, RORA, RORB, RORC, NR5A1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, THRA, NR1H3	8.38395E-34
Protein regulators of gene repression	737	gene repression	33	4	PPARD, PPARG, NR2F1, HNF4A, NR2F2, NR1H4, ESR1, ESR2, NR1D2, NR5A2, NR3C2, NR0B2, NR2F6, NR6A1, THRB, VDR, NR1D1, NR1I2, NR3C1, AR, NR0B1, PGR, RORA, NR5A1, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RXRB, THRA	1.6368E-31
Protein regulators of transcription activation	3198	transcription activation	48	1	PPARD, PPARG, HNF4A, HNF4G, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, ESRRG, THRB, NR1H2, NR2C1, NR2C2, NR1I2, NR4A3, AR, NR0B1, PGR, NR2E3, NR2E1, RXRA, AHR, RXRB, NR2F1, NR2F2, NR5A2, NR3C2, NR0B2, NR4A2, NR2F6, NR6A1, VDR, NR1D1, NR3C1, RORA, RORB, RORC, NR5A1, NR4A1, RARA, PPARA, RARB, RARG, THRA, NR1H3	9.77437E-31
Protein regulators of liver metabolism	524	liver metabolism	27	5	PPARD, RXRG, PPARG, HNF4A, NR1I3, NR1H4, ESR1, ESRRA, NR5A2, NR0B2, ESRRG, THRB, VDR, NR1H2, NR1D1, NR1I2, NR4A3, NR3C1, AR, RORA, RORC, NR5A1, NR4A1, RXRA, PPARA, AHR, NR1H3	1.49215E-26
Protein regulators of lipid homeostasis	652	lipid homeostasis	28	4	PPARD, RXRG, PPARG, HNF4A, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, NR5A2, NR3C2, NR0B2, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR3C1, AR, NR0B1, RORA, NR4A1, RXRA, PPARA, AHR, THRA, NR1H3	1.82233E-25
Protein regulators of lipid metabolism	2420	lipid metabolism	41	1	PPARD, RXRG, PPARG, HNF4A, HNF4G, NR2F2, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, NR5A2, NR3C2, NR0B2, ESRRG, NR6A1, THRB, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, NR0B1, PGR, RORA, RORB, RORC, NR5A1, NR4A1, RARA, RXRA, PPARA, AHR, RARG, RXRB, THRA, NR1H3	1.18167E-24
Protein regulators of steroidogenesis	879	steroidogenesis	29	3	PPARD, PPARG, NR2F1, NR2F2, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, NR5A2, NR0B2, ESRRG, THRB, VDR, NR1H2, NR1D1, NR1I2, NR3C1, AR, NR0B1, PGR, NR5A1, NR4A1, RXRA, PPARA, AHR, RXRB, NR1H3	2.95075E-23
Protein regulators of cholesterol homeostasis	393	cholesterol homeostasis	22	5	PPARD, PPARG, NR1I2, HNF4A, HNF4G, NR3C1, AR, NR1I3, NR1H4, RORA, ESR1, NR1D2, NR5A2, NR0B2, RXRA, PPARA, THRB, AHR, NR1H2, NR1D1, RXRB, NR1H3	4.95091E-22
Protein regulators of gluconeogenesis	1164	gluconeogenesis	30	2	PPARD, PPARG, HNF4A, HNF4G, NR1I3, NR1H4, ESR1, ESRRA, NR1D2, NR3C2, NR0B2, ESRRG, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, NR0B1, RORA, RORC, NR5A1, NR4A1, RARA, PPARA, AHR, THRA, NR1H3	4.29436E-21
Protein regulators of lipogenesis	1428	lipogenesis	32	2	PPARD, RXRG, PPARG, HNF4A, HNF4G, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, NR5A2, NR3C2, NR0B2, ESRRG, NR6A1, THRB, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR3C1, AR, NR0B1, RORA, NR4A1, RXRA, PPARA, AHR, RARG, NR1H3	5.76621E-21
Protein regulators of fatty acid oxidation	1046	fatty acid oxidation	28	2	PPARD, PPARG, HNF4A, NR2F2, NR1I3, NR1H4, ESR1, ESRRA, NR0B2, ESRRG, NR4A2, THRB, VDR, NR1H2, NR1D1, NR1I2, NR4A3, NR3C1, RORA, RORC, NR4A1, RXRA, PPARA, RARB, AHR, RARG, THRA, NR1H3	7.10797E-20
Protein regulators of chromatin remodeling	1626	chromatin remodeling	32	1	PPARD, RXRG, PPARG, NR2F1, HNF4A, NR1H4, ESR1, ESR2, ESRRA, NR5A2, NR3C2, NR0B2, THRB, VDR, NR1D1, NR2C1, NR2C2, NR4A3, NR3C1, AR, PGR, RORA, RORC, NR5A1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, THRA, NR1H3	2.98619E-19
Protein regulators of fatty acid beta-oxidation	537	fatty acid beta-oxidation	22	4	PPARD, RXRG, PPARG, NR1I2, NR2F1, HNF4A, AR, NR1I3, NR1H4, PGR, ESR1, ESRRA, NR0B2, ESRRG, NR4A1, RARA, RXRA, PPARA, VDR, AHR, NR1H2, NR1H3	4.29668E-19
Protein regulators of adipocyte differentiation	1455	adipocyte differentiation	30	2	PPARD, PPARG, NR2F2, NR1H4, ESR1, ESR2, ESRRA, NR1D2, NR5A2, NR3C2, ESRRG, NR4A2, NR2F6, VDR, NR1D1, NR4A3, NR3C1, AR, NR0B1, RORA, RORC, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, THRA, NR1H3	2.49714E-18
Protein regulators of cell development	4071	cell development	43	1	PPARD, PPARG, NR2F1, HNF4A, NR2F2, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, NR5A2, NR3C2, NR0B2, ESRRG, NR4A2, NR2F6, NR6A1, THRB, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, NR0B1, PGR, RORA, RORB, RORC, NR2E3, NR5A1, NR2E1, NR4A1, RARA, RXRA, PPARA, AHR, RARG, THRA, NR1H3	3.60592E-18
Protein regulators of adipogenesis	2019	adipogenesis	33	1	PPARD, RXRG, PPARG, NR2F1, NR2F2, NR1H4, ESR1, ESR2, ESRRA, NR5A2, NR3C2, ESRRG, NR4A2, NR2F6, THRB, VDR, NR1D1, NR2C2, NR4A3, NR3C1, AR, NR0B1, RORA, RORC, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, THRA, NR1H3	1.58729E-17
Protein regulators of circadian rhythm	906	circadian rhythm	24	2	PPARD, PPARG, HNF4A, NR1I3, ESR1, ESRRA, NR1D2, NR3C2, NR0B2, NR4A2, THRB, NR1H2, NR1D1, NR1I2, NR3C1, RORA, RORB, RORC, NR2E3, NR4A1, RXRA, PPARA, AHR, NR1H3	1.36947E-16
Protein regulators of lipid storage	2174	lipid storage	33	1	PPARD, PPARG, HNF4A, NR2F2, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR3C2, NR0B2, ESRRG, NR2F6, NR6A1, VDR, NR1H2, NR1D1, NR2C2, NR1I2, NR3C1, AR, NR0B1, PGR, RORA, NR5A1, NR4A1, RARA, RXRA, PPARA, AHR, RXRB, THRA, NR1H3	1.53121E-16
Protein regulators of fatty acid metabolism	733	fatty acid metabolism	21	2	PPARD, RXRG, PPARG, NR1I2, HNF4A, NR4A3, NR2F2, AR, NR1I3, NR1H4, ESR2, ESRRA, NR5A2, NR4A2, NR4A1, RXRA, PPARA, VDR, AHR, NR1H2, NR1H3	4.79932E-15
Protein regulators of cellular aging	1834	cellular aging	29	1	PPARD, PPARG, HNF4A, NR2F2, NR1H4, ESR1, ESR2, ESRRA, ESRRB, NR5A2, NR3C2, ESRRG, NR4A2, THRB, VDR, NR1H2, NR1D1, NR4A3, NR3C1, AR, PGR, RORA, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR	1.70067E-14
Protein regulators of cellular senescence	1563	cellular senescence	27	1	PPARD, PPARG, HNF4A, NR2F2, NR1H4, ESR1, ESR2, ESRRA, ESRRB, NR5A2, NR3C2, ESRRG, NR4A2, THRB, VDR, NR1H2, NR1D1, AR, PGR, RORA, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR	2.99635E-14
Protein regulators of cell proliferative response	1207	cell proliferative response	24	1	PPARD, RXRG, PPARG, HNF4A, HNF4G, NR1I3, ESR1, ESR2, NR3C2, THRB, VDR, NR1I2, NR4A3, NR3C1, AR, PGR, NR5A1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG	8.46079E-14

Protein regulators of thermogenesis	751	thermogenesis	20	2	PPARD,PPARG,NR3C1,NR1H4,RORA,ESR1,RORC,ESRRA,NR5A1,NROB2,ESRRG,NR4A2,NR4A1,PPARA,THRB,VDR,AHR,NR1H2,NR1D1,THRA	1.06056E-13
Protein regulators of stem cell differentiation	2141	stem cell differentiation	30	1	PPARD,RXRG,PPARG,NR2F1,HNF4A,HNF4G,NR2F2,ESR2,ESRRB,NR5A2,NR3C2,NR4A2,NR6A1,THRB,VDR,NR1H2,NR3C1,NROB1,RORB,NR2E3,NR5A1,NR2E1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	1.1038E-13
Protein regulators of cell homeostasis	1706	cell homeostasis	27	1	PPARD,PPARG,HNF4A,NR1I3,NR1H4,ESR1,ESR2,NR5A2,NR3C2,NROB2,NR4A2,NR2F6,THRB,VDR,NR1D1,NR4A3,NR3C1,AR,PGR,RORC,NR4A1,RARA,RXRA,PPARA,AHR,THRA,NR1H3	2.56785E-13
Protein regulators of lipoprotein metabolism	280	lipoprotein metabolism	14	4	PPARD,NR2C2,PPARG,NR1I2,HNF4A,NR1I3,NR1H4,RORA,ESR1,NR5A2,PPARA,THRB,NR1D1,NR1H3	2.73603E-13
Protein regulators of cell maturation	1156	cell maturation	23	1	PPARD,PPARG,NR2F1,HNF4A,NR4A3,NR3C1,NR2F2,AR,RORA,ESR1,RORC,ESR2,NR5A1,ESRRB,NR3C2,NROB2,ESRRG,NR4A2,NR4A1,PPARA,THRB,VDR,AHR	3.55428E-13
Protein regulators of oxidative phosphorylation	1177	oxidative phosphorylation	23	1	PPARD,PPARG,NR3C1,NR2F2,AR,RORA,ESR1,ESR2,ESRRA,NR5A1,ESRRB,NR3C2,ESRRG,NR4A2,NR4A1,RARA,RXRA,PPARA,VDR,AHR,NR1H2,NR1D1,NR1H3	5.19205E-13
Protein regulators of neurogenesis	2277	neurogenesis	30	1	PPARD,PPARG,NR2F1,NR2F2,ESR1,ESR2,NR5A2,NR3C2,NR4A2,NR6A1,THRB,NR1H2,NR1D1,NR2C1,NR2C2,NR3C1,AR,PGR,RORA,RORB,NR5A1,NR2E1,NR4A1,RARA,PPARA,RARB,AHR,RARG,THRA,NR1H3	5.79245E-13
Protein regulators of macrophage function	951	macrophage function	21	2	PPARD,PPARG,NR1I2,AR,RORA,ESR1,ESRRA,NR1D2,NR5A2,NR3C2,NROB2,ESRRG,NR4A1,RXRA,PPARA,AHR,NR1H2,NR1D1,RARG,THRA,NR1H3	7.94651E-13
Protein regulators of glucose import	1812	glucose import	27	1	PPARD,PPARG,HNF4A,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR3C2,NROB2,ESRRG,NR4A2,THRB,VDR,NR1H2,NR1D1,NR4A3,NR3C1,AR,RORA,NR5A1,NR4A1,RARA,PPARA,AHR,NR1H3	1.11053E-12
Protein regulators of muscle metabolism	255	muscle metabolism	13	5	PPARD,RXRG,PPARG,NR4A3,NR3C1,NR2F2,ESR1,ESRRA,NR5A2,NR3C2,ESRRG,NR4A1,PPARA	1.73293E-12
Protein regulators of viral transcription	475	viral transcription	16	3	PPARD,NR1I2,NR2F1,HNF4A,NR3C1,AR,NR1H4,PGR,ESR1,NR5A2,NR3C2,NROB2,RXRA,PPARA,AHR,NR1H3	1.73888E-12
Protein regulators of organogenesis	878	organogenesis	20	2	PPARG,NR2F1,HNF4A,NR3C1,NR2F2,AR,NROB1,PGR,RORA,ESR1,RORC,ESR2,NR5A1,ESRRB,NR5A2,NR6A1,RARA,RXRA,RARB,AHR	1.94046E-12
Protein regulators of mitochondrion organization and	878	mitochondrion organization	20	2	PPARD,PPARG,HNF4A,NR3C1,NR2F2,NR1H4,RORA,ESR1,ESR2,ESRRA,NR1D2,ESRRB,ESRRG,NR4A1,PPARA,THRB,AHR,NR1D1,THRA,NR1H3	1.94046E-12
Protein regulators of chromatin organization	1283	chromatin organization	23	1	PPARG,NR1I2,HNF4A,HNF4G,NR3C1,NR2F2,AR,NR1I3,NR1H4,PGR,ESR1,RORC,ESRRA,NR5A1,NR5A2,NR3C2,ESRRG,NR2E1,RARA,RXRA,VDR,AHR,NR1D1	3.15163E-12
Protein regulators of protein sumoylation	594	protein sumoylation	17	2	RXRG,PPARG,NR1I2,HNF4A,NR3C1,AR,NR1H4,PGR,ESR1,ESR2,ESRRA,NR2E3,NR3C2,ESRRG,NR4A1,RARA,THRB	4.04579E-12
Protein regulators of liver function	821	liver function	19	2	PPARD,PPARG,NR1I2,HNF4A,HNF4G,NR4A3,NR3C1,AR,NR1I3,NR1H4,NR5A2,NR3C2,NROB2,NR4A2,PPARA,THRB,AHR,NR1D1,NR1H3	6.39022E-12
Protein regulators of brain development	1795	brain development	26	1	PPARD,PPARG,NR2F1,ESR1,ESR2,NR3C2,NR4A2,NR2F6,THRB,VDR,NR1H2,NR2C2,NR1I2,NR4A3,NR3C1,AR,NROB1,RORA,RORB,NR5A1,NR2E1,NR4A1,RARA,AHR,THRA,NR1H3	7.50226E-12
Protein regulators of drug metabolism	292	drug metabolism	13	4	PPARG,NR1I2,HNF4A,NR3C1,NR1I3,NR1H4,ESR1,RXRA,PPARA,VDR,AHR,NR1D1,NR1H3	9.62511E-12
Protein regulators of carbohydrate metabolism	448	carbohydrate metabolism	15	3	PPARD,NR2C2,PPARG,HNF4A,NR3C1,NR1H4,ESRRA,NR1D2,NR5A2,RXRA,PPARA,VDR,NR1H2,NR1D1,NR1H3	1.09016E-11
Protein regulators of hormone sensitivity	58	hormone sensitivity	8	13	ESR2,PPARG,NR2F1,NR3C1,AR,PGR,THRB,ESR1	1.5971E-11
Protein regulators of stem cell proliferation	1871	stem cell proliferation	26	1	PPARD,PPARG,NR2F1,HNF4A,NR1H4,ESR1,ESR2,ESRRB,NR5A2,NR3C2,NR4A2,VDR,NR1D1,NR3C1,AR,NROB1,PGR,RORB,NR2E3,NR5A1,NR2E1,RARA,PPARA,AHR,RARG,THRA	1.94711E-11
Protein regulators of hepatic stellate cell activation	762	hepatic stellate cell activation	18	2	PPARD,PPARG,NR1I2,HNF4A,NR3C1,NR2F2,NR1H4,ESR2,NR3C2,NROB2,NR4A2,RARA,RXRA,PPARA,VDR,AHR,NR1H2,NR1H3	1.95639E-11
Protein regulators of biomineral formation	1260	biomineral formation	22	1	PPARD,PPARG,NR3C1,NR2F2,AR,NR1I3,NR1H4,RORA,RORB,ESR1,ESR2,ESRRA,NR3C2,NROB2,ESRRG,PPARA,RARB,VDR,AHR,NR1H2,THRA,NR1H3	1.98113E-11
Protein regulators of ketone biosynthesis	93	ketone biosynthesis	9	9	PPARD,PPARG,NR1I2,NR3C1,NR1I3,RXRA,NR1H4,PPARA,RARB	2.08946E-11
Protein regulators of fatty acid synthesis	663	fatty acid synthesis	17	2	PPARD,NR2C2,PPARG,NR1I2,HNF4A,AR,NR1I3,NR1H4,ESR1,ESRRA,NR5A2,NROB2,RXRA,PPARA,AHR,NR1D1,NR1H3	2.31138E-11
Protein regulators of hepatocyte proliferation	672	hepatocyte proliferation	17	2	PPARD,PPARG,NR1I2,HNF4A,NR4A3,NR1I3,NR1H4,ESR1,ESR2,NROB2,NR4A1,RARA,RXRA,PPARA,VDR,AHR,THRA	2.85846E-11
Protein regulators of spermatogenesis	1905	spermatogenesis	26	1	PPARD,PPARG,NR1H4,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NR6A1,THRB,VDR,NR1H2,NR2C1,NR2C2,NR3C1,AR,NROB1,PGR,NR5A1,RARA,RXRA,RARB,AHR,RXRB,THRA,NR1H3	2.9402E-11
Protein regulators of decidualization	573	decidualization	16	2	PPARD,PPARG,NR3C1,NR2F2,AR,PGR,ESR1,ESR2,ESRRA,NR5A1,NR1D2,NR5A2,NR3C2,NR4A1,THRB,THRA	2.94126E-11
Protein regulators of regeneration	2852	regeneration	31	1	PPARD,PPARG,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NROB2,NR4A2,VDR,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,RORC,NR5A1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	3.15718E-11
Protein regulators of locomotion	1437	locomotion	23	1	PPARD,RXRG,PPARG,NR2F1,NR3C1,AR,RORA,RORB,ESR1,ESR2,ESRRA,NR5A1,NR1D2,NR3C2,NR4A2,NR4A1,PPARA,RARB,VDR,AHR,NR1H2,NR1D1,RXRB	3.26669E-11
Protein regulators of central nervous system development	787	central nervous system development	18	2	NR2C2,PPARG,NR2F1,NR4A3,NR3C1,AR,NROB1,RORA,ESR1,RORC,NR5A1,NR1D2,NR5A2,NR4A2,NR6A1,NR4A1,AHR,NR1H2,NR1H3	3.33816E-11
Protein regulators of endocrine function	326	endocrine function	13	3	PPARG,NR3C1,AR,NR1H4,ESR1,ESR2,NR5A1,NR3C2,NROB2,THRB,VDR,AHR,NR1H2	3.82816E-11
Protein regulators of histone acetylation	912	histone acetylation	19	2	PPARD,PPARG,HNF4A,NR3C1,NR2F2,AR,ESR1,ESR2,NR5A1,ESRRB,NR4A2,NR2F6,NR4A1,RARA,THRB,VDR,AHR,NR1D1,NR1H3	3.97983E-11

Protein regulators of tissue development	916	tissue development	19	2	PPARD,PPARG,HNF4A,NR3C1,NR2F2,AR,NR1H4,PGR,RORA,ESR1,RORC,ESR2,ESRRA,NR5A1,NR3C2,RXRA,PPARA,AHR,NR1D1	4.29253E-11
Protein regulators of cell cycle arrest	3823	cell cycle arrest	35	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NR0B2,NR4A2,NR6A1,THRB,VDR,NR1D1,NR2C1,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,RORC,NR2E1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,NR1H3	5.68644E-11
Protein regulators of brain function	1199	brain function	21	1	PPARD,NR2C2,PPARG,HNF4A,NR3C1,AR,PGR,ESR1,ESR2,NR3C2,ESRRG,NR2E1,NR4A2,NR4A1,RARA,PPARA,VDR,AHR,NR1D1,THRA,NR1H3	6.61394E-11
Protein regulators of triglyceride homeostasis	69	triglyceride homeostasis	8	11	ESR2,PPARG,NR1I2,NR3C1,NR1H4,PPARA,ESR1,NR1H3	6.7759E-11
Protein regulators of ketone body biosynthetic process	152	ketone body biosynthetic	10	6	PPARD,PPARG,NR1I2,HNF4A,NR3C1,NR1I3,RXRA,NR1H4,PPARA,RARB	7.00199E-11
Protein regulators of ovary function	343	ovary function	13	3	PPARD,NR2C2,PPARG,AR,PGR,ESR1,ESR2,NR5A1,NR5A2,THRB,VDR,AHR,THRA	7.20929E-11
Protein regulators of nerve cell differentiation	2182	nerve cell differentiation	27	1	PPARD,PPARG,NR2F1,NR2F2,ESR1,ESR2,NR5A2,NR3C2,ESRRG,NR4A2,NR6A1,NR2C1,NR3C1,AR,RORA,RORB,NR5A1,NR2E1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,RXRB,THRA	9.29487E-11
Protein regulators of cell cycle	5571	cell cycle	41	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,ESRRB,NR5A2,NR3C2,NR0B2,ESRRG,NR4A2,THRB,VDR,NR1H2,NR1D1,NR2C1,NR2C2,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,NR2E3,NR5A1,NR2E1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	9.71183E-11
Protein regulators of cancer growth	2807	cancer growth	30	1	PPARD,PPARG,HNF4A,HNF4G,NR2F2,NR1H4,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NR0B2,ESRRG,NR2F6,THRB,VDR,NR1I2,NR3C1,AR,NR0B1,PGR,RORA,RORC,NR5A1,NR2E1,NR4A1,RARA,RARB,AHR,NR1H3	1.42641E-10
Protein regulators of protein DNA binding	76	protein DNA binding	8	10	PPARG,NR5A1,HNF4A,NR3C1,NR1I3,RARA,RXRA,NR0B1	1.50124E-10
Protein regulators of reproduction	1258	reproduction	21	1	NR2C2,PPARG,NR1I2,NR3C1,NR2F2,AR,NR1H4,NR0B1,PGR,ESR1,ESR2,ESRRA,NR5A1,ESRRB,NR5A2,NR3C2,NR6A1,VDR,AHR,RARG,NR1H3	1.62525E-10
Protein regulators of male gonad development	370	male gonad development	13	3	PPARD,NR3C1,NR2F2,AR,NR0B1,ESR1,ESR2,ESRRA,NR5A1,NR5A2,NR0B2,PPARA,THRA	1.84266E-10
Protein regulators of intestinal cholesterol absorption	78	intestinal cholesterol absorption	8	10	PPARD,PPARG,NR0B2,NR1H4,PPARA,ESR1,NR1H2,NR1H3	1.85734E-10
Protein regulators of cell fate	2258	cell fate	27	1	PPARD,PPARG,NR2F1,HNF4A,NR2F2,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NR0B2,THRB,VDR,NR3C1,AR,PGR,RORA,RORB,RORC,NR2E3,NR5A1,NR2E1,NR4A1,RARA,PPARA,AHR	2.06826E-10
Protein regulators of lipid export	297	lipid export	12	4	PPARD,PPARG,HNF4A,NR3C1,NR1H4,ESR1,NR0B2,NR4A1,RXRA,PPARA,VDR,NR1H3	2.09013E-10
Protein regulators of histone modification	885	histone modification	18	2	PPARD,PPARG,NR1I2,NR2F1,HNF4A,NR3C1,AR,NR1I3,PGR,ESR1,RORC,NR2E3,NR0B2,NR4A2,RARB,AHR,NR1D1,NR1H3	2.28805E-10
Protein regulators of stem cell population	660	stem cell population	16	2	PPARD,NR2C2,PPARG,NR2F1,NR3C1,AR,NR1H4,PGR,ESR1,NR5A1,NR5A2,NR2E1,NR2F6,VDR,AHR,RARG	2.39237E-10
Protein regulators of reproductive process	173	reproductive process	10	5	PPARD,NR5A1,NR1I2,NR3C1,AR,NR1H4,PGR,PPARA,AHR,ESR1	2.51748E-10
Protein regulators of transcription initiation	777	transcription initiation	17	2	PPARD,NR2C2,PPARG,HNF4A,NR3C1,AR,NR0B1,PGR,ESR1,NR5A2,NR3C2,RARA,RXRA,VDR,AHR,RARG,THRA	2.75772E-10
Protein regulators of heart muscle metabolism	175	heart muscle metabolism	10	5	ESR2,PPARD,PPARG,ESRRA,ESRRG,NR4A1,PPARA,VDR,ESR1,THRA	2.8189E-10
Protein regulators of hepatic regeneration	898	hepatic regeneration	18	2	PPARD,PPARG,NR1I2,HNF4A,NR3C1,NR1I3,NR1H4,ESR1,ESR2,NR2F6,NR4A1,RXRA,PPARA,THRB,VDR,AHR,RARG,THRA	2.90038E-10
Protein regulators of liver development	384	liver development	13	3	PPARG,HNF4A,HNF4G,NR2F2,AR,NR1H4,NR0B1,NR5A2,NR0B2,RXRA,PPARA,AHR,NR1H3	2.91207E-10
Protein regulators of osteoblast differentiation	1454	osteoblast differentiation	22	1	NR2C2,PPARG,NR2F1,NR3C1,NR2F2,AR,NR1H4,RORA,RORB,ESR1,ESR2,ESRRA,NR0B2,ESRRG,NR4A2,RARA,PPARA,VDR,AHR,NR1H2,NR1D1,RARG	3.24765E-10
Protein regulators of embryonal development	4055	embryonal development	35	0	PPARD,RXRG,PPARG,NR2F1,HNF4A,NR2F2,ESR1,ESR2,ESRRA,ESRRB,NR5A2,ESRRG,NR4A2,NR2F6,NR6A1,THRB,VDR,NR1H2,NR2C2,NR3C1,AR,NR0B1,PGR,RORA,NR5A1,NR2E1,NR4A1,RARA,RXRA,RARB,AHR,RARG,RXRB,THRA	3.35772E-10
Protein regulators of mitochondrial gene expression	181	mitochondrial gene expression	10	5	ESR2,PPARD,PPARG,ESRRA,ESRRB,ESRRG,NR4A2,NR3C1,ESR1,NR1D1	3.9254E-10
Protein regulators of epithelial cell differentiation	404	epithelial cell differentiation	13	3	PPARD,PPARG,NR2F1,HNF4A,NR3C1,AR,NR1H4,PGR,ESR1,ESR2,NR5A2,RARA,RARG	5.43014E-10
Protein regulators of reverse cholesterol transport	251	reverse cholesterol transport	11	4	PPARD,PPARG,NR5A2,NR0B2,NR1I3,NR1H4,PPARA,THRB,ESR1,NR1H2,NR1H3	5.57756E-10
Protein regulators of aerobic metabolism	703	aerobic metabolism	16	2	PPARD,PPARG,NR1I2,NR4A3,AR,NR1H4,ESR1,ESR2,ESRRA,ESRRG,NR4A1,PPARA,THRB,AHR,NR1D1,THRA	6.03359E-10
Protein regulators of lipid transport	709	lipid transport	16	2	PPARD,NR2C2,PPARG,NR1I2,HNF4A,HNF4G,NR1H4,ESRRA,NR5A2,NR0B2,PPARA,VDR,AHR,NR1H2,NR1D1,NR1H3	6.83023E-10
Protein regulators of cell formation	4708	cell formation	37	0	PPARD,PPARG,NR2F1,HNF4A,HNF4G,NR2F2,NR1H4,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NR3C2,NR4A2,NR2F6,THRB,VDR,NR1H2,NR2C2,NR4A3,NR3C1,AR,NR0B1,PGR,RORA,RORB,RORC,NR2E3,NR5A1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,NR1H3	8.07952E-10
Protein regulators of dedifferentiation	969	dedifferentiation	18	1	RXRG,PPARG,HNF4A,NR3C1,NR2F2,AR,PGR,ESR1,RORC,ESR2,NR5A2,ESRRG,NR2E1,NR4A1,RARB,VDR,AHR,THRA	9.91984E-10
Protein regulators of carbohydrate homeostasis	33	carbohydrate homeostasis	6	17	PPARG,NR0B2,HNF4A,NR1H4,ESR1,NR1H3	1.13281E-09
Protein regulators of cell phenotype	4784	cell phenotype	37	0	PPARD,PPARG,NR2F1,HNF4A,HNF4G,NR2F2,NR1H4,ESR1,ESR2,NR1D2,ESRRB,NR5A2,NR3C2,NR0B2,NR4A2,NR2F6,NR6A1,VDR,NR1H2,NR1D1,NR1I2,NR4A3,NR3C1,AR,NR0B1,PGR,RORB,NR5A1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	1.33893E-09
Protein regulators of ossification	2076	ossification	25	1	PPARD,PPARG,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR0B2,ESRRG,THRB,VDR,NR1D1,NR2C2,NR1I2,NR3C1,AR,PGR,RORA,RORB,RARA,PPARA,AHR,RARG,THRA	1.36804E-09
Protein regulators of gland morphogenesis	62	gland morphogenesis	7	11	PPARG,NR5A1,AR,RARA,RARB,ESR1,RARG	1.39228E-09

Protein regulators of lypolysis	993	lypolysis	18	1	PPARD,PPARG,HNF4A,NR3C1,AR,NR1H4,RORA,ESR1,ESR2,ESRRA,NR3C2,NR4A1,RXRA,PPARA,VDR,NR1H2,THRA,NR1H3	1.46881E-09
Protein regulators of postnatal development	874	postnatal development	17	1	PPARG,NR3C1,NR2F2,AR,RORA,ESR1,ESR2,NR3C2,ESRRG,NR4A2,RARA,RXRA,PPARA,THRB,AHR,NR1H2,THRA	1.67935E-09
Protein regulators of drug resistance	3334	drug resistance	31	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR5A2,ESRRG,NR4A2,NR2F6,VDR,NR1D1,NR2C2,NR1I2,NR4A3,NR3C1,AR,PGR,RORC,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,NR1H3	1.97497E-09
Protein regulators of bone remodeling	885	bone remodeling	17	1	PPARD,PPARG,NR3C1,AR,NR1H4,ESR1,ESR2,ESRRA,NR3C2,NR4A1,PPARA,THRB,VDR,AHR,NR1H2,THRA,NR1H3	2.03147E-09
Protein regulators of pregnancy	2121	pregnancy	25	1	PPARD,PPARG,HNF4A,HNF4G,NR1I3,NR1H4,ESR1,ESR2,NR5A2,NR3C2,NROB2,ESRRG,VDR,NR1I2,NR3C1,AR,PGR,NR4A1,RARA,RXRA,PPARA,AHR,RARG,THRA,NR1H3	2.15922E-09
Protein regulators of enterohepatic circulation	66	enterohepatic circulation	7	10	PPARG,NR5A2,NR1I2,HNF4A,NR3C1,NR1H4,VDR	2.18243E-09
Protein regulators of fatty acid homeostasis	67	fatty acid homeostasis	7	10	PPARD,NR1I3,NR4A1,RXRA,NR1H4,PPARA,NR1H3	2.43084E-09
Protein regulators of cell function	6111	cell function	41	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,ESRRB,NR5A2,NR3C2,NROB2,NR4A2,NR2F6,THRB,VDR,NR1H2,NR1D1,NR2C2,NR1I2,NR4A3,NR3C1,AR,NROB1,PGR,RORA,RORB,RORC,NR5A1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	2.70618E-09
Protein regulators of glycolysis	1791	glycolysis	23	1	PPARD,PPARG,NR2F1,HNF4A,NR3C1,NR2F2,AR,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR3C2,NROB2,ESRRG,NR4A1,RARA,PPARA,RARB,AHR,NR1D1,NR1H3	2.7186E-09
Protein regulators of alveolus formation	292	alveolus formation	11	3	ESR2,RXRG,PPARG,NR3C1,RARA,RXRA,PGR,RARB,ESR1,RARG,RXRB	2.75113E-09
Protein regulators of keratinocyte proliferation	668	keratinocyte proliferation	15	2	PPARD,PPARG,NR1I2,NR3C1,AR,ESR1,ESR2,NR3C2,NR4A1,RXRA,PPARA,VDR,NR1H2,RARG,NR1H3	2.86223E-09
Protein regulators of mitochondrial respiration	1335	mitochondrial respiration	20	1	PPARD,PPARG,HNF4A,NR4A3,NR3C1,PGR,ESR1,ESR2,ESRRA,NR5A2,ESRRG,NR4A1,PPARA,THRB,RARB,VDR,AHR,NR1H2,NR1D1,NR1H3	3.57844E-09
Protein regulators of detoxification (process)	926	detoxification (process)	17	1	PPARD,PPARG,NR1I2,NR2F1,HNF4A,NR3C1,AR,NR1I3,NR1H4,ESR1,ESRRA,NROB2,NR4A1,RXRA,PPARA,VDR,AHR	4.03523E-09
Protein regulators of cell differentiation	9771	cell differentiation	49	0	PPARD,PPARG,HNF4A,HNF4G,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,ESRRB,ESRRG,THRB,NR1H2,NR2C1,NR2C2,NR1I2,NR4A3,AR,NROB1,PGR,NR2E3,NR2E1,RXRA,AHR,RXRB,RXRG,NR2F1,NR2F2,NR5A2,NR3C2,NROB2,NR4A2,NR2F6,NR6A1,VDR,NR1D1,NR3C1,RORA,RORB,RORC,NR5A1,NR4A1,RARA,PPARA,RARB,RARG,THRA,NR1H3	4.16551E-09
Protein regulators of regulatory T-cell differentiation	484	regulatory T-cell differentiation	13	2	PPARD,PPARG,NR4A3,RORC,ESR2,ESRRA,NR4A2,NR4A1,RARA,PPARA,VDR,AHR,NR1H3	4.86117E-09
Protein regulators of testis function	235	testis function	10	4	ESR2,NR5A1,NROB2,AR,RARA,NR1H4,NROB1,PGR,ESR1,NR1H2	4.95851E-09
Protein regulators of cell population	2208	cell population	25	1	PPARD,PPARG,HNF4A,HNF4G,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR1D2,NR3C2,NR4A2,NR1H2,NR1I2,NR3C1,AR,PGR,RORC,NR5A1,RARA,RXRA,RARB,AHR,RARG,THRA	5.05017E-09
Protein regulators of DNA methylation	1223	DNA methylation	19	1	PPARG,NR2F1,NR3C1,AR,NR1I3,PGR,RORA,ESR1,ESR2,NR3C2,NROB2,NR6A1,RARA,RXRA,PPARA,RARB,VDR,AHR,RARG	5.72206E-09
Protein regulators of estrus	174	estrus	9	5	ESR2,PPARG,NR5A1,NR5A2,NR3C1,NR2F2,AR,PGR,ESR1	5.79035E-09
Protein regulators of germ-cell development	398	germ-cell development	12	3	NR2F2,AR,NROB1,ESR1,ESR2,ESRRB,NR5A2,NR4A2,NR6A1,RARA,VDR,AHR	5.82519E-09
Protein regulators of ovary differentiation	76	ovary differentiation	7	9	ESR2,NR5A1,NR5A2,AR,NROB1,PGR,ESR1	5.97238E-09
Protein regulators of lipid degradation	399	lipid degradation	12	3	PPARD,PPARG,NR1I2,HNF4A,NR3C1,AR,NR1I3,ESR1,NR4A1,RXRA,PPARA,VDR	5.99137E-09
Protein regulators of developmental process	2637	developmental process	27	1	PPARD,PPARG,NR2F1,HNF4A,NR2F2,ESR1,ESR2,NR5A2,ESRRG,NR4A2,NR6A1,THRB,VDR,NR2C1,NR1I2,NR3C1,AR,NROB1,PGR,RORC,NR2E3,NR5A1,RXRA,PPARA,AHR,RXRB,THRA	7.21653E-09
Protein regulators of ovarian follicle development	835	ovarian follicle development	16	1	NR2C2,PPARG,NR3C1,AR,PGR,ESR1,ESR2,NR5A1,NR5A2,NR3C2,NR4A1,RARB,VDR,AHR,THRA,NR1H3	7.23391E-09
Protein regulators of learning and/or memory	1247	learning and/or memory	19	1	PPARD,PPARG,NR2F1,NR3C1,AR,PGR,ESR1,ESR2,NR3C2,ESRRG,NR2E1,NR4A2,NR4A1,RARA,PPARA,THRB,AHR,NR1H2,NR1D1	7.88692E-09
Protein regulators of beta-cell function	843	beta-cell function	16	1	PPARD,NR2C2,PPARG,HNF4A,AR,NR1H4,PGR,RORB,ESR1,NROB2,PPARA,VDR,AHR,NR1H2,NR1D1,NR1H3	8.28693E-09
Protein regulators of endothelial cell function	1402	endothelial cell function	20	1	PPARD,RXRG,PPARG,NR1I2,NR3C1,NR2F2,AR,NR1H4,ESR1,NR3C2,NR4A2,NR4A1,RARA,RXRA,PPARA,RARB,VDR,AHR,RARG,RXRB	8.34446E-09
Protein regulators of bone growth	507	bone growth	13	2	NR1I2,NR3C1,AR,PGR,ESR1,ESR2,ESRRA,RARA,RARB,VDR,AHR,RARG,THRA	8.4797E-09
Protein regulators of cell transdifferentiation	976	cell transdifferentiation	17	1	PPARD,PPARG,NR1I2,HNF4A,NR3C1,NR2F2,AR,NR1H4,PGR,ESR1,RORC,ESR2,NR3C2,RARA,PPARA,THRB,VDR	8.90013E-09
Protein regulators of bile secretion	251	bile secretion	10	3	PPARG,NR5A2,NR1I2,HNF4A,NR3C1,NR1I3,NR1H4,PPARA,VDR,NR1H3	9.32468E-09
Protein regulators of Th17 cell differentiation	616	Th17 cell differentiation	14	2	PPARD,PPARG,RORA,ESR1,RORC,ESR2,ESRRA,NR4A2,NR4A1,RARA,VDR,AHR,NR1D1,NR1H3	9.37509E-09
Protein regulators of cell growth	9290	cell growth	48	0	PPARD,PPARG,HNF4A,HNF4G,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,ESRRB,ESRRG,THRB,NR1H2,NR2C1,NR2C2,NR1I2,NR4A3,AR,NROB1,PGR,NR2E3,NR2E1,RXRA,AHR,RXRB,RXRG,NR2F1,NR2F2,NR5A2,NR3C2,NROB2,NR4A2,NR2F6,VDR,NR1D1,NR3C1,RORA,RORB,RORC,NR5A1,NR4A1,RARA,PPARA,RARB,RARG,THRA,NR1H3	9.94048E-09
Protein regulators of sex differentiation	253	sex differentiation	10	3	ESR2,ESRRA,NR5A1,NR5A2,AR,NROB1,PGR,PPARA,VDR,ESR1	1.00596E-08
Protein regulators of aging	2496	aging	26	1	PPARD,PPARG,NR1H4,ESR1,ESR2,ESRRA,NR3C2,NROB2,NR4A2,THRB,VDR,NR1H2,NR1D1,NR2C2,NR3C1,AR,PGR,RORA,RORB,RORC,NR5A1,PPARA,AHR,RARG,THRA,NR1H3	1.20145E-08
Protein regulators of response to estrogen	135	response to estrogen	8	5	ESR2,ESRRA,NROB2,ESRRG,AR,NROB1,PGR,ESR1	1.51895E-08
Protein regulators of foam cell formation	640	foam cell formation	14	2	PPARD,NR2C2,PPARG,NR1I2,NR4A3,AR,NR1H4,NR3C2,NR4A1,PPARA,VDR,AHR,NR1H2,NR1H3	1.52207E-08
Protein regulators of response to retinoic acid	90	response to retinoic acid	7	7	RARA,RXRA,RARB,VDR,RARG,RXRB,THRA	1.96958E-08

Protein regulators of epithelial cell proliferation	902	epithelial cell proliferatio	16	1	PPARD, PPARG, HNF4A, NR4A3, NR3C1, NR2F2, AR, NR1H4, PGR, ESR1, ESR2, NR5A2, RARA, VDR, AHR, THRA	2.16093E-08
Protein regulators of cell death	7209	cell death	43	0	PPARD, PPARG, NR2F1, HNF4A, HNF4G, NR1I3, NR1H4, ESR1, ESR2, ESRRA, ESRRB, NR5A2, NR3C2, NR0B2, ESRRG, NR4A2, NR2F6, THRB, VDR, NR1H2, NR1D1, NR2C1, NR2C2, NR1I2, NR4A3, NR3C1, AR, PGR, RORA, RORC, NR2E3, NR5A1, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, RXRB, THRA, NR1H3	2.35824E-08
Protein regulators of mammary gland development	452	mammary gland developn	12	2	PPARG, NR3C1, AR, NR1I3, PGR, ESR1, ESR2, PPARA, THRB, RARB, VDR, AHR	2.40188E-08
Protein regulators of mesenchymal stem cell different	783	mesenchymal stem cell di	15	1	RXRG, PPARG, HNF4A, NR2F2, AR, ESR1, ESR2, ESRRA, NR5A1, NR5A2, RXRA, RARB, VDR, RARG, NR1H3	2.43742E-08
Protein regulators of osteoclast development	1342	osteoclast development	19	1	PPARD, PPARG, NR3C1, AR, NR1H4, RORA, ESR1, RORC, ESRRA, NR1D2, ESRRG, NR4A1, RARA, PPARA, VDR, AHR, NR1H2, NR1D1, RARG	2.62331E-08
Protein regulators of gene silencing	1053	gene silencing	17	1	NR2C2, PPARG, NR2F1, HNF4A, NR3C1, AR, NR0B1, PGR, ESR1, ESR2, NR5A2, NR0B2, NR6A1, PPARA, VDR, THRA, NR2C1	2.75578E-08
Protein regulators of monocyte differentiation	674	monocyte differentiation	14	2	PPARD, PPARG, NR2F1, NR4A3, ESR2, NR0B2, NR2F6, NR4A1, RARA, RXRA, PPARA, VDR, AHR, NR1D1	2.92235E-08
Protein regulators of nervous system development	1674	nervous system developm	21	1	RXRG, NR2C2, PPARG, NR2F1, NR4A3, NR3C1, AR, PGR, RORA, ESR2, ESRRB, NR5A2, NR2E1, NR4A2, NR2F6, RARA, PPARA, THRB, RARB, AHR, THRA	2.93553E-08
Protein regulators of mammary gland growth	96	mammary gland growth	7	7	ESR2, PPARG, AR, PGR, VDR, AHR, ESR1	3.09443E-08
Protein regulators of mitochondrial transcription	96	mitochondrial transcripti	7	7	ESR2, ESRRA, NR3C1, AR, PPARA, VDR, THRA	3.09443E-08
Protein regulators of skin development	212	skin development	9	4	PPARG, NR3C2, NR3C1, RXRA, PPARA, VDR, AHR, RARG, THRA	3.23584E-08
Protein regulators of proestrus	149	proestrus	8	5	ESR2, NR1I2, NR3C1, PGR, VDR, AHR, ESR1, NR1D1	3.29413E-08
Protein regulators of morphogenesis	2826	morphogenesis	27	0	PPARD, RXRG, PPARG, NR2F1, HNF4A, NR2F2, ESR1, ESR2, ESRRA, NR5A2, NR3C2, NR3C1, AR, NR0B1, PGR, RORA, NR5A1, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, RARG, RXRB, THRA	3.37234E-08
Protein regulators of cell cycle progression	4483	cell cycle progression	34	0	PPARD, PPARG, NR2F1, HNF4A, NR2F2, NR1I3, NR1H4, ESR1, ESR2, ESRRB, NR5A2, ESRRG, NR4A2, THRB, VDR, NR2C2, NR1I2, NR4A3, NR3C1, AR, NR0B1, PGR, RORA, RORC, NR5A1, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, THRA	3.47949E-08
Protein regulators of trophoblast differentiation	375	trophoblast differentiatio	11	2	PPARD, PPARG, ESRRB, ESRRG, NR2F1, NR2F2, RARA, RXRA, NR0B1, VDR, ESR1	3.67225E-08
Protein regulators of macrophage differentiation	688	macrophage differentiatio	14	2	PPARD, PPARG, NR3C1, AR, NR1D2, NR3C2, NR4A2, NR4A1, PPARA, VDR, AHR, NR1D1, RARG, NR1H3	3.78167E-08
Protein regulators of estrous cycle	377	estrous cycle	11	2	ESR2, PPARD, PPARG, NR5A1, NR5A2, NR3C2, AR, PGR, AHR, ESR1, NR1D1	3.87756E-08
Protein regulators of cell damage	2637	cell damage	26	0	PPARD, PPARG, HNF4A, NR1I3, NR1H4, ESR1, ESR2, ESRRA, ESRRB, NR3C2, NR0B2, ESRRG, NR4A2, VDR, NR1I2, NR4A3, NR3C1, AR, PGR, RORA, RORC, NR4A1, RARA, RXRA, PPARA, AHR	3.9006E-08
Protein regulators of T-helper 17 cell differentiation	381	T-helper 17 cell differenti	11	2	PPARG, NR1D2, NR4A2, PPARA, RORA, AHR, ESR1, RORC, NR1H2, NR1D1, NR1H3	4.31912E-08
Protein regulators of adaptive immune response	1385	adaptive immune respons	19	1	PPARG, HNF4A, HNF4G, NR3C1, AR, NR1H4, PGR, RORA, ESR1, RORC, NR3C2, NR4A2, NR2F6, NR4A1, RXRA, VDR, AHR, NR1H2, NR1H3	4.37278E-08
Protein regulators of post-translational protein modi	1392	post-translational protein	19	1	PPARG, NR1I2, HNF4A, NR3C1, AR, NR1H4, PGR, ESR1, ESR2, ESRRA, NR2E3, NR5A1, NR3C2, NR4A2, NR4A1, PPARA, VDR, AHR, NR1D1	4.74347E-08
Protein regulators of glycerol biosynthesis from pyruv	30	glycerol biosynthesis from	5	16	PPARD, PPARG, RXRA, RORA, NR1H3	4.81951E-08
Protein regulators of cancer cell growth	5088	cancer cell growth	36	0	PPARD, PPARG, NR2F1, HNF4A, NR2F2, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, NR5A2, NR3C2, ESRRG, NR4A2, THRB, VDR, NR1D1, NR2C1, NR1I2, NR3C1, AR, NR0B1, PGR, RORA, RORC, NR5A1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, NR1H3	4.94591E-08
Protein regulators of memory	2284	memory	24	1	PPARD, RXRG, PPARG, NR2F1, HNF4A, NR1I3, ESR1, ESR2, NR3C2, NR4A2, NR2F6, NR4A3, NR3C1, AR, PGR, RORA, RORC, NR4A1, RARA, PPARA, RARB, AHR, THRA, NR1H3	5.61939E-08
Protein regulators of placenta development	835	placenta development	15	1	PPARD, PPARG, NR3C1, NR2F2, PGR, ESR1, ESR2, ESRRB, NR5A2, NR3C2, ESRRG, RXRA, PPARA, VDR, AHR	5.7195E-08
Protein regulators of bone metabolism	597	bone metabolism	13	2	PPARG, NR1I2, NR3C1, AR, NR1H4, RORA, ESR1, ESR2, ESRRA, NR3C2, PPARA, VDR, AHR	5.8634E-08
Protein regulators of ontogeny	494	ontogeny	12	2	PPARD, HNF4A, NR3C1, AR, RORA, RORC, ESR2, NR5A2, NR4A2, THRB, VDR, AHR	6.38235E-08
Protein regulators of ovary follicle maturation	165	ovary follicle maturation	8	4	ESR2, PPARG, NR5A2, AR, NR4A1, PGR, AHR, ESR1	7.28945E-08
Protein regulators of learning	1128	learning	17	1	PPARG, NR4A3, NR3C1, AR, RORA, ESR1, ESR2, ESRRA, NR3C2, NR2E1, NR4A2, NR2F6, NR4A1, RARA, PPARA, THRB, AHR	7.57394E-08
Protein regulators of DNA damage	2723	DNA damage	26	0	PPARD, PPARG, NR1I3, NR1H4, ESR1, ESR2, NR5A2, NR3C2, ESRRG, NR4A2, THRB, VDR, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, RORA, NR2E3, NR4A1, RARA, RXRA, PPARA, AHR, RARG	7.6955E-08
Protein regulators of thymic involution	110	thymic involution	7	6	ESR2, PPARG, NR3C1, NR4A1, PGR, AHR, NR1H3	7.97197E-08
Protein regulators of immune system function	1438	immune system function	19	1	PPARG, NR1I2, NR3C1, AR, NR1H4, RORA, ESR1, RORC, ESR2, ESRRA, NR3C2, NR0B2, RARA, PPARA, RARB, VDR, AHR, NR1D1, NR1H3	7.99983E-08
Protein regulators of response to genistein	13	response to genistein	4	28	ESR2, PPARG, AR, ESR1	8.1016E-08
Protein regulators of messenger RNA synthesis	615	messenger RNA synthesis	13	2	PPARG, NR1I2, HNF4A, NR3C1, AR, PGR, ESR1, ESRRA, NR1D2, NR3C2, VDR, AHR, NR1H3	8.29636E-08
Protein regulators of cell survival	6418	cell survival	40	0	PPARD, RXRG, PPARG, NR2F1, HNF4A, NR2F2, NR1H4, ESR1, ESR2, ESRRA, ESRRB, NR5A2, NR3C2, NR0B2, ESRRG, NR4A2, NR2F6, THRB, VDR, NR1H2, NR2C2, NR1I2, NR4A3, NR3C1, AR, NR0B1, PGR, RORA, RORC, NR5A1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, RXRB, THRA, NR1H3	9.01661E-08
Protein regulators of follicular growth	240	follicular growth	9	3	ESR2, PPARG, NR5A1, AR, NR4A1, PGR, RARB, AHR, ESR1	9.40054E-08
Protein regulators of renin-angiotensin system	413	renin-angiotensin system	11	2	ESR2, PPARD, PPARG, NR3C2, AR, NR4A1, PPARA, VDR, ESR1, THRA, NR1H3	9.80642E-08
Protein regulators of keratinocyte differentiation	629	keratinocyte differentiatio	13	2	PPARD, PPARG, NR3C1, RORA, ESR2, NR5A1, RARA, PPARA, VDR, AHR, NR1H2, RARG, NR1H3	1.07818E-07
Protein regulators of bone development	749	bone development	14	1	NR2C2, PPARG, NR1I2, AR, NR1I3, RORA, ESR1, ESR2, ESRRA, NR4A1, THRB, VDR, AHR, THRA	1.08813E-07
Protein regulators of restimulation induced cell death	327	restimulation induced cel	10	3	PPARD, NR5A2, NR4A3, NR3C1, NR4A1, RARA, VDR, AHR, RORC, NR1H3	1.13485E-07

Protein regulators of nucleocytoplasmic transport	755	nucleocytoplasmic transp	14	1	PPARG,NR1I2,NR3C1,AR,NR1I3,NR1H4,NR0B1,PGR,ESR1,ESRRA,NR0B2,NR4A1,AHR,THRA	1.20084E-07
Protein regulators of inflammatory response	4181	inflammatory response	32	0	PPARD,RXRG,PPARG,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,NR5A2,NR3C2,NR0B2,NR4A2,VDR,NR1H2,NR1D1,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,RORC,NR5A1,NR4A1,RARA,RXRA,PPARA,AHR,NR1H3	1.30078E-07
Protein regulators of SMC proliferation	1489	SMC proliferation	19	1	PPARD,PPARG,NR1I2,NR4A3,NR3C1,AR,NR1H4,RORA,ESR1,ESR2,ESRRA,NR3C2,NR0B2,NR4A2,NR4A1,RARA,PPARA,VDR,THRA	1.39512E-07
Protein regulators of Sertoli cell proliferation	120	Sertoli cell proliferation	7	5	ESR2,PPARD,AR,THRB,RARB,ESR1,THRA	1.45277E-07
Protein regulators of histone deacetylation	337	histone deacetylation	10	2	PPARD,NR2C2,NR5A1,NR0B2,HNF4A,NR3C1,AR,NR1H4,AHR,NR2C1	1.50233E-07
Protein regulators of cytotoxicity	3969	cytotoxicity	31	0	PPARD,PPARG,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,NR5A2,NR3C2,ESRRG,NR4A2,VDR,NR1H2,NR1D1,NR2C2,NR1I2,NR4A3,NR3C1,AR,PGR,NR2E3,NR4A1,RARA,PPARA,RARB,AHR,RARG,NR1H3	1.64427E-07
Protein regulators of oligodendrocyte differentiation	539	oligodendrocyte different	12	2	PPARD,RXRG,NR2C2,PPARG,NR2F1,NR3C1,ESR2,RARA,THRB,AHR,NR1H2,THRA	1.64769E-07
Protein regulators of immunomodulation	789	immunomodulation	14	1	PPARD,PPARG,NR3C1,NR1I3,NR1H4,PGR,RORA,ESR1,NR3C2,NR4A2,PPARA,VDR,AHR,NR1H2	2.0644E-07
Protein regulators of cell expansion	1210	cell expansion	17	1	PPARD,PPARG,NR1I2,NR2F1,HNF4A,NR3C1,NR1I3,NR0B1,PGR,ESR1,RORC,ESR2,ESRRA,RARA,PPARA,VDR,AHR	2.09499E-07
Protein regulators of menstrual cycle	265	menstrual cycle	9	3	ESR2,NR5A2,AR,RARA,NR0B1,PGR,VDR,AHR,ESR1	2.18504E-07
Protein regulators of RNA synthesis	557	RNA synthesis	12	2	HNF4A,AR,NR1H4,PGR,ESR1,NR0B2,RXRA,PPARA,THRB,VDR,AHR,THRA	2.34878E-07
Protein regulators of myelination	1077	myelination	16	1	PPARD,RXRG,NR2C2,PPARG,NR2F1,NR3C1,PGR,ESR1,ESR2,NR4A1,THRB,VDR,AHR,NR1H2,THRA,NR1H3	2.5313E-07
Protein regulators of cell renewal	938	cell renewal	15	1	PPARD,PPARG,HNF4A,HNF4G,NR2F2,AR,NR1I3,NR1H4,RORA,ESR2,NR5A2,VDR,AHR,THRA,NR1H3	2.61512E-07
Protein regulators of thymus development	271	thymus development	9	3	ESR2,NR4A2,AR,NR4A1,RORA,VDR,ESR1,RORC,THRA	2.6409E-07
Protein regulators of xenobiotic stress	17	xenobiotic stress	4	22	NR1I2,NR1I3,RXRA,AHR	2.67003E-07
Protein regulators of foam cell differentiation	17	foam cell differentiation	4	22	PPARG,NR4A3,NR4A1,PPARA	2.67003E-07
Protein regulators of fatty acid catabolism	132	fatty acid catabolism	7	5	PPARD,PPARG,ESRRA,NR4A3,NR1H4,PPARA,THRA	2.79138E-07
Protein regulators of blood pressure regulation	462	blood pressure regulation	11	2	ESR2,PPARD,PPARG,ESRRA,NR3C2,HNF4A,NR3C1,PPARA,VDR,AHR,ESR1	3.02717E-07
Protein regulators of contractile activity	949	contractile activity	15	1	PPARD,PPARG,AR,RORA,ESR1,ESR2,ESRRA,NR3C2,ESRRG,NR4A1,PPARA,THRB,NR1H2,THRA,NR1H3	3.04022E-07
Protein regulators of somatotrope differentiation	18	somatotrope differentiati	4	21	NR3C2,NR3C1,NR1H4,NR1H3	3.42437E-07
Protein regulators of immune system process	2726	immune system process	25	0	PPARD,PPARG,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR3C2,VDR,NR1H2,NR1D1,NR1I2,NR3C1,AR,PGR,RORA,RORB,RORC,NR4A1,RARA,RXRA,PPARA,RARB,AHR,NR1H3	3.77841E-07
Protein regulators of behavior	5756	behavior	37	0	PPARD,RXRG,PPARG,NR2F1,HNF4A,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR1D2,ESRRB,NR3C2,NR0B2,ESRRG,NR4A2,THRB,VDR,NR1H2,NR1D1,NR2C2,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,RORB,NR5A1,NR2E1,NR4A1,PPARA,RARB,AHR,RARG,THRA,NR1H3	3.8412E-07
Protein regulators of T-cell differentiation	1592	T-cell differentiation	19	1	PPARD,PPARG,NR4A3,NR3C1,AR,PGR,RORA,ESR1,RORC,ESR2,NR3C2,NR4A2,NR2F6,NR4A1,RARA,PPARA,VDR,AHR,NR1H3	4.00598E-07
Protein regulators of cerebellum development	140	cerebellum development	7	4	ESR2,NR2C2,NR2F2,RORA,THRB,ESR1,THRA	4.1679E-07
Protein regulators of protein ubiquitination	3180	protein ubiquitination	27	0	PPARD,PPARG,HNF4A,NR1I3,NR1H4,ESR1,ESR2,ESRRB,NR3C2,NR0B2,ESRRG,THRB,NR1H2,NR1I2,NR3C1,AR,PGR,RORA,RORC,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,NR1H3	4.35186E-07
Protein regulators of macrophage polarity	841	macrophage polarity	14	1	PPARD,PPARG,NR3C1,AR,NR1H4,ESR1,ESR2,NR3C2,NR4A2,NR4A1,PPARA,AHR,NR1D1,NR1H3	4.49423E-07
Protein regulators of DNA demethylation	294	DNA demethylation	9	3	ESR2,PPARG,NR4A2,NR3C1,RARA,PPARA,RARB,AHR,ESR1	5.24355E-07
Protein regulators of G0/G1 transition	1985	G0/G1 transition	21	1	PPARG,NR1I2,HNF4A,NR3C1,AR,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR2E1,NR4A2,NR2F6,NR6A1,NR4A1,RARA,RXRA,PPARA,RARB,VDR,AHR	5.61447E-07
Protein regulators of cell loss	999	cell loss	15	1	PPARD,PPARG,NR3C1,AR,NR1H4,RORA,ESR1,ESR2,NR3C2,NR0B2,NR4A2,NR4A1,RXRA,RARB,NR1H2	5.87827E-07
Protein regulators of oxidative stress	4185	oxidative stress	31	0	PPARD,PPARG,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR3C2,ESRRG,NR4A2,THRB,VDR,NR1H2,NR1D1,NR2C2,NR1I2,NR3C1,AR,PGR,RORA,NR2E3,NR2E1,NR4A1,RARA,RXRA,PPARA,AHR,THRA,NR1H3	5.9991E-07
Protein regulators of eating behavior	500	eating behavior	11	2	ESR2,PPARG,ESRRB,ESRRG,NR4A3,NR3C1,NR1I3,NR1H4,PPARA,ESR1,NR1D1	6.63714E-07
Protein regulators of Th17 cell polarity	151	Th17 cell polarity	7	4	PPARD,PPARG,NR3C2,NR4A2,RARA,AHR,RORC	6.95936E-07
Protein regulators of angiogenesis	4745	angiogenesis	33	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR3C2,ESRRG,NR4A2,THRB,VDR,NR1H2,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,NR5A1,NR2E1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	7.43012E-07
Protein regulators of stem cell expansion	506	stem cell expansion	11	2	ESR2,PPARD,PPARG,ESRRA,NR5A2,NR2E1,NR4A2,RARA,PGR,AHR,RARG	7.46649E-07
Protein regulators of remyelination	517	remyelination	11	2	ESR2,RXRG,PPARG,NR3C1,AR,RARA,NR1H4,PGR,VDR,RARG,NR1H3	9.22766E-07
Protein regulators of cardiovascular function	517	cardiovascular function	11	2	ESR2,PPARD,PPARG,NR3C2,NR3C1,NR1H4,PPARA,VDR,ESR1,NR1H2,THRA	9.22766E-07
Protein regulators of hormone secretion	517	hormone secretion	11	2	ESR2,NR2C2,PPARG,NR5A1,NR3C2,NR3C1,AR,PGR,VDR,AHR,ESR1	9.22766E-07
Protein regulators of sexual behavior	230	sexual behavior	8	3	ESR2,NR5A1,AR,PGR,THRB,AHR,ESR1,THRA	9.25631E-07
Protein regulators of intestinal absorption	412	intestinal absorption	10	2	PPARD,NR5A2,NR0B2,HNF4A,NR3C1,NR1H4,PPARA,VDR,NR1H2,NR1H3	9.52872E-07
Protein regulators of thelarche	99	thelarche	6	6	ESRRA,NR3C1,AR,PGR,VDR,ESR1	9.68445E-07
Protein regulators of nuclear export	1040	nuclear export	15	1	PPARG,HNF4A,NR3C1,AR,NR1I3,PGR,ESR1,ESRRG,NR4A1,RXRA,PPARA,VDR,AHR,NR1H2,THRA	9.80639E-07
Protein regulators of photoreceptor development	159	photoreceptor developm	7	4	RXRG,NR2E3,ESRRB,RORA,THRB,RORB,NR1D1	9.85771E-07
Protein regulators of Sertoli cell differentiation	54	Sertoli cell differentiation	5	9	NR5A1,AR,RARA,NR0B1,RARB	1.0064E-06
Protein regulators of heart development	1522	heart development	18	1	PPARG,NR2F1,NR3C1,NR2F2,AR,PGR,ESR2,ESRRA,NR3C2,ESRRG,NR4A1,RXRA,PPARA,THRB,VDR,AHR,NR1D1,RARG	1.05902E-06
Protein regulators of fetus development	531	fetus development	11	2	PPARD,PPARG,ESRRA,ESRRG,NR3C1,AR,RXRA,NR0B1,PPARA,AHR,ESR1	1.1994E-06

Protein regulators of stem cell maintenance	779	stem cell maintenance	13	1	PPARD,PPARG,NR2F1,NR0B1,ESR1,ESR2,ESRRB,NR5A2,NR2E1,NR6A1,PPARA,AHR,RARG	1.24301E-06
Protein regulators of spatial memory	653	spatial memory	12	1	PPARD,PPARG,NR3C1,AR,ESR1,ESR2,NR3C2,NR2E1,NR4A2,NR2F6,RARA,AHR	1.27565E-06
Protein regulators of inner ear development	167	inner ear development	7	4	ESRRB,NR2F1,RARA,THRB,VDR,RARG,THRA	1.37079E-06
Protein regulators of parturition	431	parturition	10	2	ESR2,PPARD,PPARG,NR3C2,NR3C1,AR,PGR,PPARA,ESR1,NR1H3	1.43339E-06
Protein regulators of tumor growth	6657	tumor growth	39	0	PPARD,PPARG,NR2F1,HNF4A,HNF4G,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR5A2,NR3C2,NR0B2,ESRRG,NR4A2,NR2F6,NR6A1,THRB,VDR,NR1H2,NR2C2,NR1I2,NR4A3,NR3C1,AR,NR0B1,PGR,RORA,RORC,NR5A1,NR2E1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,NR1H3	1.47078E-06
Protein regulators of social behavior	335	social behavior	9	2	ESR2,ESRRA,NR3C2,NR1I2,NR3C1,AR,PGR,VDR,ESR1	1.55481E-06
Protein regulators of epithelial to mesenchymal trans	4355	epithelial to mesenchyma	31	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR1D2,NR5A2,NR3C2,ESRRG,NR4A2,NR6A1,THRB,VDR,NR2C2,NR1I2,NR3C1,AR,PGR,RORA,RORC,NR4A1,RARA,RXRA,RARB,AHR,RARG,NR1H3	1.55885E-06
Protein regulators of hepatocyte apoptosis	547	hepatocyte apoptosis	11	2	PPARD,PPARG,NR5A2,NR1I2,AR,NR1I3,NR4A1,NR1H4,PPARA,AHR,NR1H3	1.60309E-06
Protein regulators of maternal behavior	108	maternal behavior	6	5	NR2C2,NR5A1,NR3C1,AR,PGR,ESR1	1.61628E-06
Protein regulators of sensitization	1927	sensitization	20	1	PPARD,NR2C2,PPARG,NR1I2,NR3C1,AR,NR1I3,NR1H4,PGR,ESR1,ESRRA,NR3C2,ESRRG,NR4A1,RXRA,PPARA,RARB,VDR,AHR,THRA	1.64443E-06
Protein regulators of mitochondrial damage	1089	mitochondrial damage	15	1	PPARD,PPARG,NR3C1,NR2F2,AR,NR1H4,ESR1,ESR2,NR3C2,NR4A2,NR4A1,PPARA,VDR,AHR,RXRB	1.75229E-06
Protein regulators of first trimester pregnancy	556	first trimester pregnancy	11	1	PPARD,PPARG,NR5A2,ESRRG,NR3C1,AR,PGR,PPARA,RARB,VDR,ESR1	1.87923E-06
Protein regulators of regulatory T-cell count	344	regulatory T-cell count	9	2	ESR2,PPARG,NR3C1,NR1H4,PGR,VDR,AHR,ESR1,RORC	1.93503E-06
Protein regulators of third trimester pregnancy	344	third trimester pregnancy	9	2	ESR2,PPARG,NR3C1,RXRA,NR1H4,PGR,PPARA,VDR,ESR1	1.93503E-06
Protein regulators of cell count	3896	cell count	29	0	PPARD,PPARG,NR2F1,HNF4G,NR2F2,ESR1,ESR2,ESRRA,ESRRB,NR5A2,NR3C2,NR4A2,THRB,VDR,NR1I2,NR3C1,AR,NR0B1,PGR,RORA,RORC,NR2E3,NR5A1,NR2E1,NR4A1,RARA,PPARA,AHR,RARG	1.98747E-06
Protein regulators of DNA synthesis	2342	DNA synthesis	22	0	PPARD,PPARG,NR1I2,HNF4A,NR4A3,NR3C1,NR2F2,AR,NR1I3,PGR,RORA,ESR1,ESR2,ESRRA,NR2E3,NR5A1,NR5A2,NR4A2,NR4A1,RXRA,PPARA,AHR	2.05077E-06
Protein regulators of postmenopause	256	postmenopause	8	3	ESR2,PPARG,NR3C2,NR1I2,AR,PGR,VDR,ESR1	2.06702E-06
Protein regulators of DNA replication	2357	DNA replication	22	0	PPARD,PPARG,NR1I2,NR4A3,NR3C1,NR2F2,AR,NR1I3,NR1H4,PGR,ESR1,ESR2,ESRRA,NR2E3,NR5A1,NR5A2,NR4A2,NR4A1,RXRA,PPARA,AHR,THRA	2.28872E-06
Protein regulators of Leydig cell differentiation	64	Leydig cell differentiation	5	7	NR5A1,NR5A2,NR2F2,AR,NR0B1	2.3656E-06
Protein regulators of cell mediated cytotoxicity	3457	cell mediated cytotoxicity	27	0	PPARD,PPARG,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,NR5A2,NR3C2,ESRRG,NR4A2,VDR,NR1H2,NR1D1,NR2C2,NR1I2,NR4A3,NR3C1,AR,PGR,NR4A1,PPARA,AHR,NR1H3	2.50016E-06
Protein regulators of motivation	267	motivation	8	2	ESR2,PPARG,NR3C2,HNF4G,NR3C1,AR,PGR,ESR1	2.82731E-06
Protein regulators of sex development	267	sex development	8	2	NR5A1,NR5A2,NR2F1,NR2F2,AR,NR0B1,PGR,ESR1	2.82731E-06
Protein regulators of lumen formation	1995	lumen formation	20	1	PPARD,PPARG,HNF4G,NR3C1,NR2F2,AR,NR1H4,RORA,ESR1,ESR2,ESRRA,NR5A2,NR3C2,ESRRG,NR4A1,RARA,RXRA,PPARA,RARB,AHR	2.84948E-06
Protein regulators of intracellular estrogen receptor s	30	intracellular estrogen rec	4	12	ESR2,PGR,PPARA,AHR	2.97659E-06
Protein regulators of intrinsic pathway of apoptosis	987	intrinsic pathway of apop	14	1	PPARG,NR4A3,NR3C1,AR,NR1H4,RORA,ESR2,ESRRA,NR4A2,NR4A1,RXRA,PPARA,AHR,NR1H3	3.03691E-06
Protein regulators of cell cycle regulation	2013	cell cycle regulation	20	0	NR2C2,PPARG,NR3C1,NR2F2,AR,NR1H4,NR0B1,PGR,ESR1,NR5A1,ESRRB,NR5A2,NR4A2,NR4A1,RXRA,PPARA,VDR,AHR,THRA,NR2C1	3.28232E-06
Protein regulators of apoptotic cell clearance	474	apoptotic cell clearance	10	2	ESR2,PPARD,PPARG,NR3C1,RXRA,PPARA,VDR,AHR,ESR1,NR1H3	3.36419E-06
Protein regulators of declarative memory	31	declarative memory	4	12	ESR2,RXRG,NR3C1,RARB	3.40908E-06
Protein regulators of liver uptake	275	liver uptake	8	2	PPARG,NR5A2,NR1I2,HNF4A,NR1H4,PPARA,AHR,THRA	3.51938E-06
Protein regulators of epidermal cell differentiation	477	epidermal cell differentiat	10	2	PPARD,PPARG,NR3C2,NR3C1,PPARA,RORA,VDR,AHR,NR1H2,NR1H3	3.55865E-06
Protein regulators of S phase	2628	S phase	23	0	PPARD,PPARG,HNF4A,NR4A3,AR,PGR,RORA,ESR1,ESR2,ESRRA,NR2E3,NR5A1,NR1D2,ESRRB,NR5A2,ESRRG,NR4A2,NR2F6,NR4A1,RARA,PPARA,AHR,RARG	3.61211E-06
Protein regulators of neuroprotection	1485	neuroprotection	17	1	PPARD,PPARG,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,ESR1,ESR2,NR3C2,NR4A2,NR4A1,PPARA,VDR,NR1H2,NR1H3	3.73021E-06
Protein regulators of response to hypoxia	861	response to hypoxia	13	1	PPARG,HNF4A,NR4A3,NR3C1,AR,RORA,ESR1,ESR2,ESRRA,NR3C2,NR2E1,PPARA,AHR	3.7827E-06
Protein regulators of mitochondrion fission	598	mitochondrion fission	11	1	PPARD,PPARG,ESRRA,NR5A1,NR4A2,AR,NR4A1,PPARA,THRB,VDR,ESR1	3.80019E-06
Protein regulators of innervation	603	innervation	11	1	ESR2,NR2F1,NR4A2,NR2F2,AR,PGR,PPARA,RORA,RORB,AHR,ESR1	4.11663E-06
Protein regulators of translation	3087	translation	25	0	PPARD,PPARG,NR2F1,NR2F2,NR1H4,ESR1,ESR2,ESRRA,NR3C2,NR0B2,ESRRG,NR4A2,VDR,NR1D1,NR3C1,AR,PGR,NR5A1,NR4A1,RARA,PPARA,RARB,AHR,THRA,NR1H3	4.23514E-06
Protein regulators of thymocyte phenotype	10	thymocyte phenotype	3	27	ESR2,AR,ESR1	4.30226E-06
Protein regulators of intestine barrier	489	intestine barrier	10	2	PPARD,PPARG,NR1I2,HNF4A,NR4A2,NR3C1,NR1H4,RARB,VDR,AHR	4.43783E-06
Protein regulators of respiratory electron transport cl	608	respiratory electron trans	11	1	ESR2,PPARG,ESRRA,ESRRG,NR4A2,AR,PPARA,VDR,AHR,ESR1,NR1D1	4.45597E-06
Protein regulators of Th17 cell function	130	Th17 cell function	6	4	NR4A2,RORA,VDR,AHR,RORC,NR1H3	4.76199E-06
Protein regulators of neural precursor cell proliferati	494	neural precursor cell proli	10	2	ESR2,PPARG,NR2E1,NR3C1,AR,PGR,PPARA,RARB,AHR,ESR1	4.85654E-06
Protein regulators of skin barrier	386	skin barrier	9	2	PPARG,NR3C2,NR3C1,NR1H4,PPARA,RORA,VDR,AHR,NR1H3	4.9653E-06
Protein regulators of nuclear reprogramming	497	nuclear reprogramming	10	2	PPARG,ESRRA,NR5A1,ESRRB,NR5A2,HNF4A,NR0B1,AHR,ESR1,NR1H3	5.12392E-06
Protein regulators of bone resorption	1193	bone resorption	15	1	PPARD,PPARG,NR1I2,NR3C1,AR,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR5A2,RARA,VDR,AHR,THRA	5.43634E-06
Protein regulators of G1/S transition checkpoint	1890	G1/S transition checkpoir	19	1	PPARG,NR1I2,NR2F1,NR4A3,NR3C1,NR2F2,AR,PGR,RORA,ESR1,ESR2,ESRRA,NR2E3,ESRRB,NR4A2,NR4A1,RARA,PPARA,AHR	5.51441E-06



Protein regulators of adrenal gland development	35	adrenal gland developmer	4	11	ESR2,NR5A1,NR5A2,NR0B1	5.61678E-06
Protein regulators of involution	395	involution	9	2	PPARG,NR3C1,AR,RXRA,RARB,VDR,ESR1,RARG,NR1H3	5.98549E-06
Protein regulators of eye development	507	eye development	10	1	RXRG,PPARG,NR2E1,NR3C1,NR2F2,RXRA,THRB,RARB,AHR,ESR1	6.10985E-06
Protein regulators of neuronal death	2099	neuronal death	20	0	PPARD,PPARG,NR4A3,NR3C1,NR2F2,AR,RORA,ESR1,ESR2,NR3C2,NR4A2,NR4A1,RXRA,PPARA,RARB,VDR,AHR,NR1H2,NR1D1,NR1H3	6.30764E-06
Protein regulators of osteoblast proliferation	510	osteoblast proliferation	10	1	ESR2,PPARD,ESRRA,NR3C1,AR,PGR,PPARA,VDR,AHR,ESR1	6.43605E-06
Protein regulators of vitellogenesis	137	vitellogenesis	6	4	ESR2,NR5A1,NR5A2,AR,NR0B1,ESR1	6.44653E-06
Protein regulators of stem cell function	764	stem cell function	12	1	PPARD,PPARG,AR,PGR,ESR1,ESR2,ESRRB,NR3C2,PPARA,VDR,AHR,RARG	6.49304E-06
Protein regulators of ubiquitin-dependent protein de	634	ubiquitin-dependent prot	11	1	PPARG,ESRRA,NR4A2,NR3C1,AR,NR4A1,RXRA,PGR,AHR,ESR1,RARG	6.64709E-06
Protein regulators of thymocyte apoptosis	301	thymocyte apoptosis	8	2	NR4A3,NR3C1,AR,NR4A1,RARA,AHR,RORC,RARG	6.84728E-06
Protein regulators of sexual maturation	139	sexual maturation	6	4	ESR2,NR0B2,AR,NR1H4,NR0B1,ESR1	7.00773E-06
Protein regulators of muscle function	911	muscle function	13	1	PPARD,NR2C2,PPARG,AR,PGR,ESR2,ESRRA,NR3C2,ESRRG,NR4A1,PPARA,VDR,NR1D1	7.01653E-06
Protein regulators of vasodilation	1219	vasodilation	15	1	PPARD,PPARG,NR1I2,NR3C1,AR,NR1H4,PGR,ESR1,ESR2,NR3C2,NR4A1,PPARA,THRB,VDR,AHR	7.07848E-06
Protein regulators of hypothalamus function	216	hypothalamus function	7	3	ESR2,NR5A1,NR3C2,NR3C1,NR0B1,PGR,NR1D1	7.54231E-06
Protein regulators of respiratory function	408	respiratory function	9	2	ESR2,PPARG,ESRRA,ESRRG,NR4A2,NR4A1,NR1H4,PGR,AHR	7.7747E-06
Protein regulators of phosphatidylinositol 3-kinase si	650	phosphatidylinositol 3-ki	11	1	PPARD,PPARG,NR3C2,NR3C1,AR,RARA,RXRA,PGR,THRB,ESR1,THRA	8.42167E-06
Protein regulators of endothelial cell proliferation	1579	endothelial cell proliferat	17	1	PPARD,PPARG,NR4A3,NR2F2,AR,ESR1,ESR2,ESRRA,NR5A2,NR3C2,ESRRG,NR4A2,NR4A1,RARA,PPARA,VDR,AHR	8.58536E-06
Protein regulators of gonad development	312	gonad development	8	2	ESR2,NR5A1,NR5A2,AR,NR0B1,AHR,ESR1,THRA	8.90267E-06
Protein regulators of kidney development	654	kidney development	11	1	PPARG,NR3C2,NR1I2,HNF4A,NR3C1,NR2F2,AR,RARA,PPARA,AHR,ESR1	8.92531E-06
Protein regulators of germ cell proliferation	222	germ cell proliferation	7	3	ESR2,ESRRB,NR5A2,RARA,AHR,NR1H2,THRA	9.02216E-06
Protein regulators of menopause	146	menopause	6	4	ESR2,PPARD,PPARG,PGR,VDR,ESR1	9.29294E-06
Protein regulators of macrophage phenotype	532	macrophage phenotype	10	1	PPARD,PPARG,NR3C2,NR4A3,NR3C1,NR4A1,NR1H4,RORA,NR1H2,NR1D1	9.32611E-06
Protein regulators of sleep	658	sleep	11	1	PPARG,NR5A1,NR1D2,NR3C2,NR1I2,NR3C1,NR1I3,PGR,PPARA,VDR,NR1D1	9.45509E-06
Protein regulators of cognition	1428	cognition	16	1	PPARD,PPARG,NR1I2,HNF4G,NR3C1,AR,ESR1,ESR2,NR3C2,NR2E1,NR4A2,PPARA,THRB,VDR,AHR,THRA	1.05529E-05
Protein regulators of NLRP3 inflammasome complex i	540	NLRP3 inflammasome cor	10	1	PPARG,NR3C2,NR0B2,NR1I2,NR4A2,NR1H4,PPARA,VDR,AHR,ESR1	1.06258E-05
Protein regulators of hatching	321	hatching	8	2	ESR2,PPARD,ESRRA,HNF4A,NR3C1,RXRA,THRB,THRA	1.09519E-05
Protein regulators of intracellular receptor-mediated	2	intracellular receptor-mei	2	66	PPARD,PPARA	1.12261E-05
Protein regulators of macrophage derived foam cell d	2	macrophage derived foam	2	66	PPARG,PPARA	1.12261E-05
Protein regulators of prolymphocyte apoptosis	2	prolymphocyte apoptosis	2	66	NR3C2,NR3C1	1.12261E-05
Protein regulators of nuclear import	952	nuclear import	13	1	PPARD,NR3C1,AR,PGR,ESR1,ESR2,NR4A1,RARA,RXRA,VDR,AHR,NR1H2,THRA	1.13002E-05
Protein regulators of pancreatic beta cell apoptosis	545	pancreatic beta cell apopt	10	1	ESR2,PPARD,PPARG,NR0B2,HNF4A,NR4A3,NR3C1,AR,NR4A1,ESR1	1.15155E-05
Protein regulators of Th17 cell development	231	Th17 cell development	7	3	NR4A2,RARA,RORA,VDR,AHR,RORC,NR1D1	1.16889E-05
Protein regulators of long-term synaptic depression	673	long-term synaptic depre	11	1	ESR2,RXRG,NR3C2,ESRRG,HNF4G,NR4A2,NR3C1,AR,RARA,RARB,ESR1	1.16947E-05
Protein regulators of motor performance	958	motor performance	13	1	PPARD,RXRG,PPARG,AR,NR1H4,PGR,ESR1,ESR2,RXRA,PPARA,VDR,AHR,NR1D1	1.20908E-05
Protein regulators of osteoclast differentiation	1115	osteoclast differentiation	14	1	PPARG,NR3C1,NR1I3,NR1H4,ESR1,ESRRA,NR1D2,ESRRG,NR4A1,VDR,AHR,NR1H2,NR1D1,NR1H3	1.24606E-05
Protein regulators of mitochondrial depolarization	1624	mitochondrial depolariza	17	1	PPARD,PPARG,NR3C1,NR2F2,AR,NR1H4,RORA,ESR1,ESR2,NR3C2,NR4A2,NR4A1,RXRA,PPARA,VDR,AHR,NR1H3	1.25118E-05
Protein regulators of gallbladder motility	43	gallbladder motility	4	9	NR1I2,NR1H4,PGR,ESR1	1.29777E-05
Protein regulators of visual learning	682	visual learning	11	1	ESR2,RXRG,PPARG,NR3C2,NR2F1,NR3C1,AR,PPARA,RARB,AHR,ESR1	1.325E-05
Protein regulators of central nervous system function	438	central nervous system fui	9	2	ESR2,NR2C2,NR3C2,NR3C1,AR,NR2F6,NR4A1,ESR1,THRA	1.3732E-05
Protein regulators of NO biosynthesis	824	NO biosynthesis	12	1	PPARD,PPARG,NR3C1,NR1H4,ESR1,ESR2,ESRRA,NR3C2,PPARA,AHR,NR1H2,NR2C1	1.39712E-05
Protein regulators of lipid absorption	157	lipid absorption	6	3	PPARD,PPARG,ESRRA,NR5A2,NR1H4,PPARA	1.40749E-05
Protein regulators of regulatory T-cell function	560	regulatory T-cell function	10	1	PPARG,NR3C2,NR4A2,NR3C1,NR1H4,PPARA,VDR,AHR,ESR1,RORC	1.45824E-05
Protein regulators of T cell apoptotic process	560	T cell apoptotic process	10	1	PPARD,PPARG,NR5A2,NR4A2,NR4A3,NR3C1,NR4A1,PPARA,VDR,AHR	1.45824E-05
Protein regulators of hippocampal function	335	hippocampal function	8	2	ESR2,PPARG,NR3C2,NR3C1,PPARA,AHR,ESR1,THRA	1.4926E-05
Protein regulators of gut development	240	gut development	7	2	PPARD,PPARG,HNF4A,RARB,VDR,AHR,THRA	1.49794E-05
Protein regulators of lipophagocytosis	93	lipophagocytosis	5	5	PPARG,NR0B2,NR1H4,PPARA,NR1H3	1.49821E-05
Protein regulators of endoplasmic reticulum stress	2027	endoplasmic reticulum st	19	0	PPARD,PPARG,NR1I2,HNF4A,NR3C1,NR1H4,PGR,RORA,ESR1,NR5A2,NR3C2,NR0B2,NR4A1,RARA,PPARA,VDR,AHR,THRA,NR1H3	1.5453E-05
Protein regulators of response to estradiol	45	response to estradiol	4	8	ESR2,AR,AHR,ESR1	1.55905E-05
Protein regulators of peroxisome division	94	peroxisome division	5	5	PPARD,PPARG,RXRA,PPARA,AHR	1.57838E-05
Protein regulators of immune system cell differentiati	15	immune system cell differ	3	18	PPARA,VDR,AHR	1.61194E-05
Protein regulators of epithelial cell permeability	340	epithelial cell permeabilit	8	2	NR3C2,NR1I2,HNF4A,NR4A2,NR3C1,NR1H4,VDR,AHR	1.66123E-05
Protein regulators of Sertoli cell function	96	Sertoli cell function	5	5	PPARD,NR5A1,AR,NR0B1,NR1H2	1.74872E-05
Protein regulators of urea cycle	96	urea cycle	5	5	HNF4A,NR3C1,NR1H4,PPARA,NR1D1	1.74872E-05
Protein regulators of T-helper 2 cell differentiation	452	T-helper 2 cell differentiati	9	1	PPARD,PPARG,NR3C1,AR,RXRA,VDR,AHR,RORC,NR1H3	1.7638E-05
Protein regulators of adrenal gland function	164	adrenal gland function	6	3	NR5A1,NR3C2,NR3C1,AR,NR4A1,NR0B1	1.8037E-05
Protein regulators of follicular phase	97	follicular phase	5	5	ESR2,AR,PGR,AHR,ESR1	1.83909E-05
Protein regulators of autophagy	4319	autophagy	29	0	PPARD,PPARG,HNF4A,NR1H4,ESR1,ESR2,ESRRA,NR1D2,NR5A2,NR3C2,NR0B2,NR4A2,VDR,NR1H2,NR1D1,NR1I2,NR4A3,NR3C1,AR,PGR,RORA,RORC,NR2E3,NR4A1,RARA,RXRA,PPARA,AHR,NR1H3	1.84942E-05
Protein regulators of lactation	707	lactation	11	1	ESR2,PPARD,PPARG,NR3C1,AR,PPARA,RORA,VDR,AHR,ESR1,NR1H3	1.8555E-05
Protein regulators of testis descent	47	testis descent	4	8	ESR2,AR,NR0B1,ESR1	1.85712E-05
Protein regulators of endometrium function	250	endometrium function	7	2	ESR2,NR3C1,PGR,THRB,AHR,ESR1,THRA	1.95008E-05
Protein regulators of territorial aggressive behavior	16	territorial aggressive beha	3	17	ESR2,AR,ESR1	1.9792E-05
Protein regulators of water retention	99	water retention	5	5	PPARG,NR3C2,NR3C1,AR,ESR1	2.03074E-05

Protein regulators of virus activation	49	virus activation	4	8	HNF4A,NR3C1,PGR,ESR1	2.19509E-05
Protein regulators of photoreceptor cell differentiation	170	photoreceptor cell differentiation	6	3	RXRG,NR2E3,NR2F1,RORA,THR8,RORB	2.21094E-05
Protein regulators of luteal maintenance	101	luteal maintenance	5	4	ESR2,PPARG,NR5A1,NR5A2,ESR1	2.23759E-05
Protein regulators of stem cell renewal	1176	stem cell renewal	14	1	PPARD,PPARG,AR,NR1H4,NR0B1,PGR,ESR1,ESRRB,NR2E1,RARA,THR8,VDR,AHR,RARG	2.27814E-05
Protein regulators of myeloid blood cell differentiation	469	myeloid blood cell differentiation	9	1	PPARG,NR4A1,RARA,PPARA,RORA,RARB,VDR,AHR,NR1H3	2.36234E-05
Protein regulators of anchorage independent growth	1893	anchorage independent growth	18	0	PPARG,NR1I2,HNF4A,AR,NR0B1,PGR,ESR1,ESR2,ESRRA,NR5A2,NR4A2,NR4A1,PPARA,THR8,RARB,AHR,THRA,NR1H3	2.3736E-05
Protein regulators of alternative mRNA splicing	1349	alternative mRNA splicing	15	1	PPARG,HNF4A,NR3C1,AR,NR1I3,NR0B1,PGR,ESR1,ESR2,NR5A2,NR3C2,THR8,VDR,NR1D1,THRA	2.39848E-05
Protein regulators of bone marrow stromal cell differentiation	173	bone marrow stromal cell differentiation	6	3	PPARD,PPARG,NR3C1,NR1H4,PPARA,VDR	2.4407E-05
Protein regulators of cell localization	2718	cell localization	22	0	PPARG,NR1I2,HNF4A,NR3C1,AR,NR1I3,NR1H4,NR0B1,PGR,RORA,ESR1,NR5A1,NR5A2,NR3C2,NR4A2,NR4A1,RARA,RXRAR,VDR,AHR,RARG,THRA	2.48463E-05
Protein regulators of long-term synaptic potentiation	1354	long-term synaptic potentiation	15	1	RXRG,PPARG,HNF4G,NR3C1,AR,PGR,ESR1,ESR2,NR3C2,NR4A2,NR4A1,RARA,RXRA,RARB,RXRB	2.50611E-05
Protein regulators of life span	2305	life span	20	0	PPARD,NR2C2,PPARG,HNF4A,NR4A3,NR3C1,AR,NR1H4,ESR1,RORC,ESR2,ESRRA,NR3C2,NR2E1,NR2F6,RXRA,PPARA,VDR,AHR,NR1H2	2.62883E-05
Protein regulators of T-cell function	1360	T-cell function	15	1	PPARG,NR1I2,NR3C1,AR,PGR,ESR1,RORC,ESR2,NR5A2,ESRRG,NR4A1,PPARA,VDR,AHR,RARG	2.64092E-05
Protein regulators of dendritic cell differentiation	882	dendritic cell differentiation	12	1	PPARG,NR4A3,NR1H4,RORA,ESR1,NR4A1,RARA,PPARA,THR8,VDR,AHR,NR1H3	2.75437E-05
Protein regulators of sugar metabolism	178	sugar metabolism	6	3	PPARG,HNF4A,NR1H4,ESR1,NR1D1,NR1H3	2.86612E-05
Protein regulators of T-helper 1 cell differentiation	483	T-helper 1 cell differentiation	9	1	PPARG,NR4A2,AR,NR4A1,RXRA,VDR,AHR,ESR1,RORC	2.97778E-05
Protein regulators of blastocyst hatching	53	blastocyst hatching	4	7	PPARD,NR5A2,PGR,ESR1	3.00373E-05
Protein regulators of nerve potential	487	nerve potential	9	1	ESR2,PPARG,NR5A1,NR3C2,NR3C1,AR,PGR,RARB,ESR1	3.17686E-05
Protein regulators of notochord regression	3	notochord regression	2	50	THR8,THRA	3.36055E-05
Protein regulators of autobiographical memory	3	autobiographical memory	2	50	NR3C2,NR3C1	3.36055E-05
Protein regulators of response to aromatase inhibitor	3	response to aromatase inhibitor	2	50	ESR2,ESR1	3.36055E-05
Protein regulators of atrial cardiac muscle cell differentiation	3	atrial cardiac muscle cell differentiation	2	50	NR2F1,NR2F2	3.36055E-05
Protein regulators of macrophage activation	1058	macrophage activation	13	1	PPARD,PPARG,NR1H4,PGR,ESR1,NR5A2,NR3C2,NR0B2,NR4A1,RXRA,VDR,AHR,NR1H3	3.47247E-05
Protein regulators of response to toxin	55	response to toxin	4	7	PPARD,NR1I2,NR1I3,AHR	3.48112E-05
Protein regulators of quiescence	1059	quiescence	13	1	PPARG,NR2F1,HNF4A,AR,PGR,ESR2,NR4A2,NR4A1,RARA,PPARA,RARB,VDR,AHR	3.50706E-05
Protein regulators of T-cell population	274	T-cell population	7	2	NR3C2,RARA,PPARA,VDR,AHR,RORC,NR1H3	3.51031E-05
Protein regulators of synaptic plasticity	1759	synaptic plasticity	17	0	PPARD,RXRG,PPARG,NR4A3,NR3C1,AR,ESR1,ESR2,NR3C2,NR2E1,NR4A2,NR4A1,RARA,PPARA,RARB,NR1H2,NR1H3	3.58191E-05
Protein regulators of neuron differentiation	380	neuron differentiation	8	2	NR2C2,NR5A1,NR5A2,NR2F1,NR4A2,RARB,VDR,THRA	3.68506E-05
Protein regulators of memory consolidation	497	memory consolidation	9	1	ESR2,PPARG,NR3C2,NR3C1,AR,NR4A1,PPARA,ESR1,THRA	3.72474E-05
Protein regulators of uterus growth	56	uterus growth	4	7	NR2F2,AR,PGR,ESR1	3.7396E-05
Protein regulators of adrenergic stimulation	187	adrenergic stimulation	6	3	ESR2,PPARG,NR3C2,NR4A1,PPARA,THRA	3.78134E-05
Protein regulators of sperm capacitation	382	sperm capacitation	8	2	ESR2,PPARG,AR,NR6A1,NR1H4,PGR,VDR,AHR	3.82507E-05
Protein regulators of microglial activation	1234	microglial activation	14	1	PPARD,PPARG,NR3C1,PGR,ESR1,ESR2,NR3C2,NR4A2,NR4A1,PPARA,VDR,AHR,NR1H2,NR1D1	3.90086E-05
Protein regulators of autocrine signaling	279	autocrine signaling	7	2	RXRG,PPARG,NR3C2,AR,PGR,VDR,RORC	3.93893E-05
Protein regulators of forward locomotion	20	forward locomotion	3	14	RXRG,RARB,RXRB	3.99087E-05
Protein regulators of response to zinc ion	20	response to zinc ion	3	14	NR5A1,HNF4A,NR6A1	3.99087E-05
Protein regulators of cell migration	9261	cell migration	44	0	PPARD,PPARG,NR2F1,HNF4A,NR2F2,NR1I3,NR1H4,ESR1,ESR2,ESRRA,NR1D2,ESRRB,NR5A2,NR3C2,NR0B2,ESRRG,NR4A2,NR2F6,NR6A1,THR8,VDR,NR1H2,NR1D1,NR2C2,NR1I2,NR4A3,NR3C1,AR,NR0B1,PGR,RORA,RORB,RORC,NR2E3,NR2E1,NR4A1,RARA,RXRA,PPARA,RARB,AHR,RARG,THRA,NR1H3	4.06391E-05
Protein regulators of cytokine response	770	cytokine response	11	1	PPARG,NR3C2,NR3C1,NR2F6,RARA,RXRA,PPARA,VDR,AHR,RORC,NR1H3	4.08223E-05
Protein regulators of cell stress	1777	cell stress	17	0	PPARD,PPARG,NR1I2,HNF4A,NR3C1,AR,NR1H4,RORA,ESR1,ESRRA,NR3C2,NR4A1,PPARA,VDR,AHR,THRA,NR1H3	4.08757E-05
Protein regulators of dendritic cell development	921	dendritic cell development	12	1	PPARG,AR,RORA,ESR1,ESR2,NR1D2,PPARA,THR8,VDR,AHR,NR1D1,THRA	4.21805E-05
Protein regulators of intestine function	285	intestine function	7	2	PPARG,NR1H4,PPARA,VDR,AHR,ESR1,THRA	4.50923E-05
Protein regulators of reproductive system development	21	reproductive system development	3	13	NR5A1,AR,AHR	4.64494E-05
Protein regulators of luteinization	195	luteinization	6	3	ESR2,PPARG,NR5A2,NR4A1,PGR,ESR1	4.77962E-05
Protein regulators of breathing	1094	breathing	13	1	PPARG,NR4A3,NR3C1,NR1H4,ESR1,ESR2,ESRRA,ESRRG,NR4A2,NR4A1,PPARA,NR1H2,NR1D1	4.92512E-05
Protein regulators of epidermal proliferation	291	epidermal proliferation	7	2	ESR2,PPARD,NR3C2,NR3C1,PPARA,VDR,AHR	5.14576E-05
Protein regulators of fibrogenesis	940	fibrogenesis	12	1	PPARD,PPARG,NR1I2,HNF4A,NR1H4,NR3C2,NR0B2,NR4A2,NR4A1,PPARA,VDR,AHR	5.14966E-05
Protein regulators of monocyte adhesion	790	monocyte adhesion	11	1	PPARG,NR3C2,NR4A3,AR,NR4A1,RXRA,NR1H4,PPARA,RORAR,VDR,ESR1	5.15847E-05
Protein regulators of periosteal bone formation	61	periosteal bone formation	4	6	ESR2,AR,VDR,ESR1	5.24773E-05
Protein regulators of sex determination process	121	sex determination process	5	4	ESR2,NR5A1,NR5A2,NR0B1,ESR1	5.33835E-05
Protein regulators of effector T-cell differentiation	121	effector T-cell differentiation	5	4	ESRRA,NR4A1,RORA,AHR,RORC	5.33835E-05
Protein regulators of male sex differentiation	22	male sex differentiation	3	13	NR5A1,AR,NR0B1	5.36555E-05
Protein regulators of Kupffer cell polarity	22	Kupffer cell polarity	3	13	PPARD,PPARG,RORA	5.36555E-05
Protein regulators of fibroblast differentiation	402	fibroblast differentiation	8	1	ESR2,PPARG,NR3C1,PPARA,VDR,AHR,ESR1,NR1D1	5.48791E-05
Protein regulators of osteocyte function	402	osteocyte function	8	1	ESR2,PPARD,PPARG,NR4A2,AR,VDR,ESR1,NR1H2	5.48791E-05
Protein regulators of satiety	295	satiety	7	2	PPARG,NR5A1,ESRRB,ESRRG,AR,PPARA,ESR1	5.60976E-05
Protein regulators of regulatory T-cell development	405	regulatory T-cell development	8	1	PPARD,PPARG,NR4A2,NR4A3,NR4A1,VDR,AHR,RORC	5.78288E-05
Protein regulators of mesenchyma interaction	202	mesenchyma interaction	6	2	PPARD,PPARG,NR2F2,PGR,THRA,NR1H3	5.8172E-05
Protein regulators of mitochondrial ATP synthesis	406	mitochondrial ATP synthesis	8	1	ESR2,PPARD,PPARG,ESRRA,NR1H4,PPARA,VDR,ESR1	5.8841E-05
Protein regulators of hemato-encephalic barrier	1113	hemato-encephalic barrier	13	1	PPARD,PPARG,NR1I2,NR3C1,NR1I3,ESR1,ESR2,NR4A1,RARA,PPARA,RARB,VDR,AHR	5.88812E-05
Protein regulators of biliary flow	124	biliary flow	5	4	NR1I2,NR3C1,NR1I3,NR1H4,PPARA	6.00039E-05
Protein regulators of catagen	124	catagen	5	4	ESR2,AR,RARA,VDR,ESR1	6.00039E-05
Protein regulators of muscle fiber development	530	muscle fiber development	9	1	PPARD,PPARG,ESRRA,ESRRG,NR3C1,AR,RXRA,VDR,RXRB	6.13789E-05
Protein regulators of aggressive behavior	1838	aggressive behavior	17	0	NR1I2,HNF4A,NR3C1,AR,PGR,ESR1,ESR2,NR5A1,NR3C2,ESRRG,NR2E1,NR4A2,PPARA,VDR,AHR,NR1D1,NR1H3	6.31077E-05
Protein regulators of dopaminergic transmission	205	dopaminergic transmission	6	2	ESR2,PPARG,NR4A2,NR3C1,AR,NR4A1	6.3137E-05
Protein regulators of cholesterol storage	64	cholesterol storage	4	6	PPARG,PPARA,VDR,NR1H3	6.34185E-05

Protein regulators of tricarboxylic acid cycle	533	tricarboxylic acid cycle	9	1	PPARD, PPARG, ESRR, NR5A1, ESRRG, AR, PPARA, ESR1, NR1H2	6.41127E-05
Protein regulators of female gonad development	533	female gonad development	9	1	ESR2, NR5A1, NR5A2, AR, NR0B1, THRB, VDR, AHR, ESR1	6.41127E-05
Protein regulators of working memory	411	working memory	8	1	PPARD, RXRG, NR3C2, NR3C1, PGR, RARB, VDR, ESR1	6.41267E-05
Protein regulators of skeletal muscle growth	206	skeletal muscle growth	6	2	ESR2, PPARD, ESRRG, NR4A3, NR4A1, PPARA	6.48653E-05
Protein regulators of growth rate	1845	growth rate	17	0	PPARD, PPARG, NR2F1, NR3C1, AR, NR1I3, RORA, ESR1, ESR2, ESRRA, NR5A1, RARA, PPARA, RARB, VDR, AHR, THRA	6.62487E-05
Protein regulators of perinatal development	127	perinatal development	5	3	PPARG, NR1I2, HNF4A, NR3C1, PGR	6.72417E-05
Protein regulators of cardiovascular deconditioning	304	cardiovascular deconditioning	7	2	ESR2, PPARG, NR3C2, NR3C1, PPARA, AHR, ESR1	6.7802E-05
Protein regulators of heart function	2055	heart function	18	0	PPARD, PPARG, NR3C1, AR, NR1H4, ESR1, ESR2, ESRR, NR3C2, ESRRG, NR4A1, RARA, PPARA, THRB, VDR, AHR, THRA, NR1H3	7.22443E-05
Protein regulators of renal reabsorption	308	renal reabsorption	7	2	PPARD, NR3C2, ESRRG, AR, NR1H4, PPARA, VDR	7.361E-05
Protein regulators of organ development	544	organ development	9	1	PPARG, NR5A1, NR2F2, AR, RORA, RORB, AHR, ESR1, RORC	7.50358E-05
Protein regulators of Na+ homeostasis/export	130	Na+ homeostasis/export	5	3	PPARD, PPARG, NR3C2, AR, NR1H4	7.51356E-05
Protein regulators of adrenal cortex function	67	adrenal cortex function	4	5	NR5A1, NR3C1, AR, NR0B1	7.59365E-05
Protein regulators of kidney excretion	422	kidney excretion	8	1	PPARG, NR3C2, NR1I2, NR3C1, NR1I3, NR1H4, PPARA, VDR	7.71617E-05
Protein regulators of response to immobilization stress	25	response to immobilization stress	3	11	ESRRB, NR3C2, NR3C1	7.95643E-05
Protein regulators of endothelial cell production	132	endothelial cell production	5	3	ESR2, PPARG, RARA, PPARA, ESR1	8.07825E-05
Protein regulators of epithelial cell interaction	69	epithelial cell interaction	4	5	NR2F2, AR, PGR, ESR1	8.52233E-05
Protein regulators of light dark cycle	69	light dark cycle	4	5	NR1D2, RORB, AHR, NR1D1	8.52233E-05
Protein regulators of Th1 Th2 balance	217	Th1 Th2 balance	6	2	PPARG, AR, VDR, AHR, ESR1, RORC	8.64979E-05
Protein regulators of liver changes	134	liver changes	5	3	PPARG, NR1I2, HNF4A, PPARA, ESR1	8.67512E-05
Protein regulators of response to lipopolysaccharide	691	response to lipopolysaccharide	10	1	NR4A2, NR4A3, NR3C1, NR4A1, PPARA, RORA, THRB, ESR1, NR1D1, THRA	8.71607E-05
Protein regulators of response to ischemia	317	response to ischemia	7	2	ESR2, PPARG, NR3C2, AR, PPARA, ESR1, RORC	8.81772E-05
Protein regulators of cell cycle phase	218	cell cycle phase	6	2	ESRRB, NR4A2, NR3C1, AR, RXRA, AHR	8.87193E-05
Protein regulators of luteolysis	218	luteolysis	6	2	ESR2, PPARG, NR4A2, NR4A1, PGR, ESR1	8.87193E-05
Protein regulators of response to thyroid hormone	26	response to thyroid hormone	3	11	THRB, NR1D1, THRA	8.97283E-05
Protein regulators of Th2 cell phenotype	136	Th2 cell phenotype	5	3	PPARG, RARA, PPARA, VDR, RORC	9.30538E-05
Protein regulators of monocyte recruitment	560	monocyte recruitment	9	1	PPARD, PPARG, NR3C2, NR1I2, NR4A3, AR, NR4A1, PPARA, AHR	9.37052E-05
Protein regulators of T-cell proliferation	1704	T-cell proliferation	16	0	PPARD, PPARG, NR1I2, AR, RORA, ESR1, RORC, ESRR, NR2F6, NR4A1, RXRA, PPARA, VDR, AHR, NR1H2, RARG	9.4462E-05
Protein regulators of viral reproduction	2734	viral reproduction	21	0	PPARG, NR2F1, HNF4A, HNF4G, NR3C1, AR, NR1H4, ESR1, ESRR, A, ESRRB, NR5A2, NR0B2, NR4A1, RXRA, PPARA, THRB, RARB, AHR, NR1D1, RXRB, NR1H3	9.55199E-05
Protein regulators of tissue maintenance	853	tissue maintenance	11	1	PPARG, NR3C2, NR3C1, NR2F2, AR, PGR, PPARA, VDR, AHR, ESR1, THRA	0.000103025
Protein regulators of water homeostasis	139	water homeostasis	5	3	PPARG, NR3C2, NR1H4, NR1H2, NR1H3	0.000103162
Protein regulators of ovulation	707	ovulation	10	1	ESR2, PPARG, NR5A1, NR5A2, AR, NR4A1, PGR, VDR, AHR, ESR1	0.000105404
Protein regulators of JNK cascade	140	JNK cascade	5	3	PPARG, NR1I2, NR1I3, NR1H4, VDR	0.000106712
Protein regulators of aerobic glycolysis	573	aerobic glycolysis	9	1	PPARG, ESRR, NR4A3, AR, NR4A1, PPARA, RORA, ESR1, NR1H3	0.000111626
Protein regulators of Th17 cell phenotype	74	Th17 cell phenotype	4	5	PPARG, RORA, AHR, RORC	0.00011203
Protein regulators of senescence	2332	senescence	19	0	PPARD, NR2C2, PPARG, NR3C1, AR, NR1I3, NR1H4, PGR, ESR1, RORC, NR3C2, NR2E1, RXRA, PPARA, THRB, RARB, VDR, AHR, NR1H2	0.000112472
Protein regulators of Langerhans cell development	75	Langerhans cell development	4	5	RARA, PPARA, VDR, AHR	0.000118049
Protein regulators of mating behavior	75	mating behavior	4	5	ESR2, AR, PGR, ESR1	0.000118049
Protein regulators of G2/M transition	1932	G2/M transition	17	0	PPARD, PPARG, NR2F1, HNF4A, AR, NR1I3, PGR, ESR1, ESR2, ESRRA, ESRRB, NR4A1, RARA, PPARA, AHR, NR1D1, RARG	0.000118691
Protein regulators of thymocyte development	451	thymocyte development	8	1	NR3C1, AR, NR4A1, PGR, AHR, ESR1, RORC, NR1H2	0.000122478
Protein regulators of neurophysiological recruitment	77	neurophysiological recruitment	4	5	ESR2, RORA, ESR1, THRA	0.000130784
Protein regulators of B-cell differentiation	728	B-cell differentiation	10	1	ESR2, PPARG, HNF4A, NR2F2, AR, RORA, VDR, AHR, ESR1, RORC	0.000134204
Protein regulators of male reproduction	147	male reproduction	5	3	AR, RARA, PGR, AHR, ESR1	0.000134269
Protein regulators of vasoconstriction	879	vasoconstriction	11	1	ESR2, PPARD, PPARG, NR3C2, NR3C1, AR, NR1H4, PPARA, VDR, AHR, ESR1	0.00013457
Protein regulators of glycogen degradation	236	glycogen degradation	6	2	PPARG, NR5A1, NR1I2, NR4A1, NR1H4, PPARA	0.000137125
Protein regulators of epithelium development	237	epithelium development	6	2	HNF4A, NR4A2, NR3C1, AR, AHR, ESR1	0.000140328
Protein regulators of cell infiltration	1393	cell infiltration	14	1	PPARD, PPARG, NR3C1, AR, NR1H4, ESR1, ESR2, NR3C2, NR2F6, NR4A1, PPARA, VDR, AHR, NR1D1	0.000146001
Protein regulators of M1 macrophage polarity	240	M1 macrophage polarity	6	2	PPARG, NR1D2, NR3C2, PPARA, AHR, NR1D1	0.000150295
Protein regulators of protein complex assembly	240	protein complex assembly	6	2	NR1I2, NR3C1, PGR, PPARA, AHR, ESR1	0.000150295
Protein regulators of circadian behavior	80	circadian behavior	4	4	NR1D2, RORB, RORC, NR1D1	0.000151714
Protein regulators of neuronal activity	1057	neuronal activity	12	1	PPARD, NR3C1, AR, PGR, ESR1, ESR2, ESRR, NR3C2, NR4A1, PPARA, VDR, AHR	0.000158719
Protein regulators of anagen	243	anagen	6	2	ESR2, PPARG, AR, RXRA, VDR, ESR1	0.000160816
Protein regulators of mucosal barrier	243	mucosal barrier	6	2	PPARG, NR1I2, NR1H4, VDR, AHR, RORC	0.000160816
Protein regulators of thymocyte selection	153	thymocyte selection	5	3	NR3C1, AR, NR4A1, RARA, NR1H3	0.00016197
Protein regulators of neutrophil recruitment	745	neutrophil recruitment	10	1	ESR2, PPARD, PPARG, NR0B2, NR3C1, NR6A1, NR4A1, PPARA, AHR, ESR1	0.000162178
Protein regulators of lipid droplet formation	350	lipid droplet formation	7	1	PPARD, NR2C2, PPARG, NR1H4, RORA, AHR, NR1H3	0.000163123
Protein regulators of intracellular steroid hormone re	6	intracellular steroid hormone re	2	28	ESRR, ESR1	0.000166939
Protein regulators of adrenal cortex development	6	adrenal cortex development	2	28	NR5A1, NR0B1	0.000166939
Protein regulators of ileum permeability	6	ileum permeability	2	28	NR1H4, PPARA	0.000166939
Protein regulators of endometrium proliferation	82	endometrium proliferation	4	4	ESR2, PPARG, PGR, ESR1	0.000166949
Protein regulators of pentose-phosphate shunt	245	pentose-phosphate shunt	6	2	PPARD, PPARG, ESRR, AR, NR1H4, NR1D1	0.000168149
Protein regulators of Mullerian duct regression	32	Mullerian duct regression	3	9	NR5A2, AR, ESR1	0.000168747
Protein regulators of mitotic entry	1795	mitotic entry	16	0	PPARD, PPARG, HNF4A, NR4A3, NR3C1, AR, PGR, RORA, ESR1, ESR2, NR5A2, NR4A1, PPARA, THRB, VDR, AHR	0.000175554
Protein regulators of mesenchymal to epithelial trans	477	mesenchymal to epithelial trans	8	1	NR5A1, ESRRG, HNF4A, NR2F2, AR, THRB, AHR, ESR1	0.000180074
Protein regulators of microglia polarity	157	microglia polarity	5	3	ESR2, PPARG, NR4A1, PPARA, ESR1	0.000182733
Protein regulators of inducible CD4+CD25+ regulator	84	inducible CD4+CD25+ regulator	4	4	PPARG, NR4A2, RARA, RORC	0.000183261
Protein regulators of spatial discrimination	33	spatial discrimination	3	8	NR4A2, NR3C1, ESR1	0.00018518
Protein regulators of cell viability	5667	cell viability	32	0	PPARD, PPARG, HNF4A, HNF4G, NR2F2, NR1H4, ESR1, ESR2, ESRRA, NR1D2, NR5A2, NR3C2, NR4A2, NR2F6, THRB, VDR, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, PGR, RORA, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, THRA	0.000185938
Protein regulators of postnatal growth	250	postnatal growth	6	2	NR2C2, NR3C2, NR3C1, VDR, ESR1, THRA	0.000187644

Protein regulators of aerobic respiration	86	aerobic respiration	4	4	PPARD,ESRRA,PPARA,ESR1	0.000200693
Protein regulators of peroxisome proliferator activator	86	peroxisome proliferator	4	4	RXRG,PPARG,RXRA,ESR1	0.000200693
Protein regulators of Th17 cell fate commitment	34	Th17 cell fate commitment	3	8	RORA,AHR,RORC	0.000202618
Protein regulators of extracellular matrix polymerization	769	extracellular matrix polymerization	10	1	PPARD,PPARG,NR3C2,NR4A2,AR,NR4A1,NR1H4,PPARA,AHR,ESR1	0.000209981
Protein regulators of stem cell phenotype	624	stem cell phenotype	9	1	RXRG,ESRRB,NR2E1,HNF4A,AR,NROB1,PPARA,AHR,ESR1	0.000212322
Protein regulators of vasculogenesis	626	vasculogenesis	9	1	PPARD,PPARG,NR2E1,HNF4A,NR3C1,NR2F2,AR,AHR,ESR1	0.000217458
Protein regulators of midbrain development	89	midbrain development	4	4	NR4A2,NR6A1,NR1H2,NR1H3	0.000229043
Protein regulators of acinar cell of sebaceous gland differentiation	36	acinar cell of sebaceous gland	3	8	PPARD,PPARG,PPARA	0.000240613
Protein regulators of bone calcification	373	bone calcification	7	1	NR3C1,AR,RXRA,THRB,VDR,ESR1,THRA	0.000241033
Protein regulators of epithelization	262	epithelization	6	2	PPARD,ESRRB,HNF4A,NR3C1,PPARA,AHR	0.000241775
Protein regulators of endogenous oscillator	92	endogenous oscillator	4	4	ESR2,RORA,AHR,NR1D1	0.00026017
Protein regulators of spatial orientation	92	spatial orientation	4	4	NR3C2,NR3C1,AR,ESR1	0.00026017
Protein regulators of heat generation	37	heat generation	3	7	PPARD,PPARG,ESR1	0.000261221
Protein regulators of diet induced thermogenesis	37	diet induced thermogenesis	3	7	PPARG,NR5A1,ESR1	0.000261221
Protein regulators of lipid oxidation	378	lipid oxidation	7	1	PPARD,PPARG,ESRRA,NR1I2,HNF4A,NR1H4,PPARA	0.000261414
Protein regulators of membrane hyperpolarization	791	membrane hyperpolarization	10	1	ESR2,PPARD,PPARG,NR3C2,HNF4A,NR4A3,NR3C1,PPARA,AHR,ESR1	0.000263773
Protein regulators of imprinting	267	imprinting	6	2	ESR2,PPARG,AR,RARA,RXRA,ESR1	0.000267672
Protein regulators of myogenesis	1477	myogenesis	14	0	PPARD,PPARG,NR3C1,NR2F2,AR,NR1H4,RORA,ESR1,ESRRA,NR1D2,NR4A1,PPARA,VDR,NR1D1	0.000271026
Protein regulators of monocyte phenotype	93	monocyte phenotype	4	4	PPARG,NR3C2,NR1H4,VDR	0.000271189
Protein regulators of innate immune response	2711	innate immune response	20	0	PPARD,PPARG,NR1I2,NR3C1,AR,NR1H4,ESR1,ESR2,ESRRA,NR3C2,NROB2,NR4A1,RARA,RXRA,PPARA,VDR,AHR,NR1H2,NR1D1,NR1H3	0.000274492
Protein regulators of re-epithelialization	508	re-epithelialization	8	1	ESR2,PPARD,NR3C2,NR3C1,AR,PPARA,VDR,AHR	0.00027631
Protein regulators of cell repertoire	269	cell repertoire	6	2	PPARG,HNF4A,NR3C1,PGR,VDR,ESR1	0.000278622
Protein regulators of endothelial cell aging	172	endothelial cell aging	5	2	PPARD,PPARG,PPARA,AHR,NR1H2	0.000279213
Protein regulators of neocortex development	38	neocortex development	3	7	ESR2,NR2E1,ESR1	0.000282938
Protein regulators of sebum secretion	38	sebum secretion	3	7	PPARG,AR,AHR	0.000282938
Protein regulators of acute inflammatory response	270	acute inflammatory response	6	2	PPARD,PPARG,NR4A3,NR1H2,NR1D1,NR1H3	0.000284228
Protein regulators of T helper cell function	270	T helper cell function	6	2	PPARG,NR3C1,RARA,RARB,VDR,RORC	0.000284228
Protein regulators of premenopause	95	premenopause	4	4	ESR2,AR,VDR,ESR1	0.00029423
Protein regulators of lung development	1130	lung development	12	1	PPARG,NR1I2,NR3C1,NR2F2,AR,PGR,ESR1,ESR2,RARA,RARB,VDR,AHR	0.000296171
Protein regulators of inducible CD4+CD25+ regulator	8	inducible CD4+CD25+ regulator	2	22	PPARG,RORC	0.000310273
Protein regulators of response to cortisol	8	response to cortisol	2	22	NR3C2,NR3C1	0.000310273
Protein regulators of heterozygosity loss	176	heterozygosity loss	5	2	NR5A1,NR3C1,AR,PGR,RARB	0.000310489
Protein regulators of smooth muscle cell apoptosis	389	smooth muscle cell apoptosis	7	1	PPARD,PPARG,NR4A3,NR4A1,NR1H4,PPARA,RARB	0.000311171
Protein regulators of progenitor cell renewal	390	progenitor cell renewal	7	1	PPARD,ESRRB,NR5A2,NR2E1,HNF4A,NROB1,RARG	0.000316049
Protein regulators of insulin response	391	insulin response	7	1	PPARG,NR3C2,NROB2,NR1I2,NR1H4,PPARA,VDR	0.000320988
Protein regulators of DNA recombination	2095	DNA recombination	17	0	PPARD,PPARG,HNF4A,NR3C1,AR,NROB1,PGR,ESR1,RORC,ESR2,NR5A1,NR6A1,RARB,VDR,AHR,NR1D1,THRA	0.000322099
Protein regulators of chondrogenesis	972	chondrogenesis	11	1	ESR2,PPARD,PPARG,ESRRA,NR3C1,NR2F2,RARA,AHR,ESR1,RARG,THRA	0.000324094
Protein regulators of habituation	178	habituation	5	2	NR3C2,NR3C1,AR,VDR,ESR1	0.000327091
Protein regulators of hypermethylation of promoter	393	hypermethylation of promoter	7	1	ESR2,AR,NR6A1,RARB,VDR,ESR1,NR1H3	0.000331052
Protein regulators of G1/S transition	1896	G1/S transition	16	0	PPARD,PPARG,NR1I2,AR,NR1H4,RORA,ESR1,ESR2,ESRRA,NR5A2,RARA,PPARA,AHR,NR1D1,RARG,NR2C1	0.000332308
Protein regulators of effector T-cell function	179	effector T-cell function	5	2	PPARG,ESRRA,NR4A1,AHR,RORC	0.00033564
Protein regulators of gland development	99	gland development	4	4	ESR2,AR,PGR,ESR1	0.000344478
Protein regulators of thermoregulation	280	thermoregulation	6	2	ESR2,PPARG,PPARA,ESR1,NR1D1,THRA	0.000345321
Protein regulators of mitosis	3226	mitosis	22	0	PPARD,PPARG,NR2F1,HNF4A,NR3C1,AR,PGR,ESR1,ESR2,ESRRA,NR2E3,NR5A1,ESRRB,NROB2,NR2E1,NR4A2,NR4A1,THRB,VDR,AHR,NR1D1,NR2C1	0.000360704
Protein regulators of male sex determination	42	male sex determination	3	6	NR5A1,AR,NROB1	0.000381388
Protein regulators of regulated cell death	1530	regulated cell death	14	0	PPARD,PPARG,NR3C1,AR,ESR1,ESR2,NR5A2,NR4A1,RARA,RXRRA,PPARA,AHR,NR1D1,RARG	0.000390808
Protein regulators of cardiovascular system development	404	cardiovascular system development	7	1	PPARG,NR3C2,NR2F2,RARA,PPARA,AHR,ESR1	0.000391049
Protein regulators of spongiotrophoblast differentiation	9	spongiotrophoblast differentiation	2	20	PPARD,ESRRB	0.00039806
Protein regulators of ovarian follicle atresia	186	ovarian follicle atresia	5	2	NR5A1,NR3C1,AR,AHR,ESR1	0.000400325
Protein regulators of naive T-cell differentiation	104	naive T-cell differentiation	4	3	PPARG,RORA,AHR,RORC	0.000415592
Protein regulators of granulosa cell differentiation	104	granulosa cell differentiation	4	3	ESR2,NR5A1,NR5A2,AR	0.000415592
Protein regulators of breeding	188	breeding	5	2	ESR2,AR,AHR,ESR1,THRA	0.00042043
Protein regulators of hair follicle development	541	hair follicle development	8	1	ESR2,PPARD,PPARG,NR3C2,AR,PPARA,VDR,AHR	0.000421607
Protein regulators of neuroinflammatory response	189	neuroinflammatory response	5	2	ESR2,PPARD,PPARG,NR3C2,NR3C1	0.000430764
Protein regulators of Kupffer cell function	44	Kupffer cell function	3	6	PPARD,NR1I2,ESR1	0.000437905
Protein regulators of neuron apoptosis	1548	neuron apoptosis	14	0	PPARD,RXRG,PPARG,NR3C1,AR,NR1H4,ESR1,ESR2,NR3C2,NR4A2,NR4A1,PPARA,AHR,RXRB	0.00044077
Protein regulators of response to endoplasmic reticulum	689	response to endoplasmic reticulum	9	1	PPARG,NROB2,ESRRG,AR,PPARA,RORA,RORB,AHR,NR1H3	0.000441396
Protein regulators of reproductive behavior	106	reproductive behavior	4	3	ESR2,AR,PGR,ESR1	0.000446774
Protein regulators of mitochondrion autophagy	845	mitochondrion autophagy	10	1	PPARD,PPARG,ESRRA,NR3C1,NR4A1,NR1H4,THRB,AHR,ESR1,NR1D1	0.000446931
Protein regulators of pituitary gland function	191	pituitary gland function	5	2	PPARG,AR,THRB,AHR,ESR1	0.000452007
Protein regulators of muscle regeneration	692	muscle regeneration	9	1	ESR2,PPARD,PPARG,ESRRA,NR1D2,NR2F2,NR4A1,VDR,THRA	0.000455606
Protein regulators of fatty acid omega oxidation	45	fatty acid omega oxidation	3	6	PPARG,NR1I2,PPARA	0.00046807
Protein regulators of osteoclast formation	852	osteoclast formation	10	1	PPARG,ESRRA,NR3C1,RARA,RXRA,NR1H4,VDR,AHR,ESR1,THRA	0.00047704
Protein regulators of stem cell formation	418	stem cell formation	7	1	PPARG,NR5A2,NR2E1,NR3C1,AR,NROB1,AHR	0.000479732
Protein regulators of response to oxidative stress	697	response to oxidative stress	9	1	PPARD,PPARG,NR3C2,HNF4A,NR3C1,NR1I3,NR4A1,PPARA,AHR	0.000480131
Protein regulators of endothelial cell migration	1761	endothelial cell migration	15	0	PPARD,PPARG,NR2F2,AR,NR1H4,PGR,ESR1,ESRRA,ESRRG,NR4A2,NR4A1,PPARA,AHR,NR1H2,NR1D1	0.000494232
Protein regulators of T-cell activation	1963	T-cell activation	16	0	PPARD,PPARG,NR4A3,NR3C1,ESR1,RORC,ESRRA,NR3C2,NROB2,NR2F6,NR4A1,RARA,PPARA,VDR,AHR,NR1H2,NR1H4,VDR	0.000494246
Protein regulators of sulfate ion homeostasis	10	sulfate ion homeostasis	2	18	ESR2,ESR1	0.000496499
Protein regulators of marginal zone B-cell expansion	10	marginal zone B-cell expansion	2	18	PPARG,NR1I2,NR1I3,NR1H4,ESR1,NR3C2,ESRRG,NR4A1,RARA,PPARA,VDR,NR1H3	0.000496499
Protein regulators of kidney function	1199	kidney function	12	1	HNF4A,NR3C1,AR,ESR1	0.000509452
Protein regulators of dsDNA loop formation	110	dsDNA loop formation	4	3	ESR2,PGR,PPARA,ESR1	0.000514096
Protein regulators of labor onset	110	labor onset	4	3		0.000514096

Protein regulators of branching morphogenesis	560	branching morphogenesis	8	1	NR5A2, NR3C1, AR, RARA, PGR, VDR, AHR, ESR1	0.000530276
Protein regulators of drug detoxification	47	drug detoxification	3	6	NR1I2, NR1I3, RXRA	0.000532331
Protein regulators of response to DNA damage	1976	response to DNA damage	16	0	NR2C2, PPARG, HNF4A, NR2F2, AR, NR1I3, RORA, ESR1, ESR2, NR2E3, NR4A1, THR, VDR, AHR, NR1D1, THRA	0.000532601
Protein regulators of cell selection	304	cell selection	6	1	PPARG, NR4A3, NR3C1, NR4A1, AHR, ESR1	0.00053429
Protein regulators of ROS generation	3317	ROS generation	22	0	PPARD, PPARG, HNF4A, NR3C1, AR, NR1H4, ESR1, RORC, ESR2, ESRRA, NR5A2, NR3C2, NR0B2, ESRRG, NR4A1, PPARA, VDR, AHR, NR1H2, NR1D1, THRA, NR1H3	0.000544227
Protein regulators of oxidative phosphorylation uncoupling	112	oxidative phosphorylation	4	3	PPARD, PPARG, NR4A1, PPARA	0.000550334
Protein regulators of CD4+ T-cell differentiation	306	CD4+ T-cell differentiation	6	1	PPARG, NR3C2, NR4A2, RORA, AHR, RORC	0.000553082
Protein regulators of vascular endothelium function	200	vascular endothelium function	5	2	PPARG, NR3C2, NR4A1, NR1H4, ESR1	0.000557552
Protein regulators of cardiomyocyte proliferation	429	cardiomyocyte proliferation	7	1	PPARD, PPARG, NR3C2, NR3C1, RARA, RXRA, VDR	0.000560148
Protein regulators of macrophage response	201	macrophage response	5	2	PPARG, NR4A1, VDR, NR1H2, NR1H3	0.000570332
Protein regulators of DNA strand breakage	1218	DNA strand breakage	12	0	PPARD, NR2C2, NR3C1, AR, ESR1, ESRRA, NR3C2, NR4A2, NR4A1, RARB, VDR, AHR	0.000587194
Protein regulators of mucosal permeability	114	mucosal permeability	4	3	PPARG, NR1I2, NR3C1, VDR	0.000588354
Protein regulators of regulatory T-cell population	203	regulatory T-cell population	5	2	PPARG, NR4A1, AHR, RORC, NR1H3	0.000596552
Protein regulators of tumor cell growth	1793	tumor cell growth	15	0	PPARD, PPARG, NR1I2, NR2F2, AR, ESR1, ESR2, ESRRA, RARA, PPARG, THR, RARB, VDR, AHR, RARG	0.000599655
Protein regulators of hematopoietic stem cell differentiation	434	hematopoietic stem cell differentiation	7	1	PPARG, NR4A1, RARA, AHR, RORC, RARG, THRA	0.000600093
Protein regulators of pancreatic beta cell development	49	pancreatic beta cell development	3	6	PPARG, HNF4A, NR3C1	0.000601985
Protein regulators of production of miRNAs involved	312	production of miRNAs involved	6	1	ESRRA, NR1I2, NR3C1, AR, NR4A1, ESR1	0.000612567
Protein regulators of chemosensitivity	1599	chemosensitivity	14	0	NR2C2, PPARG, NR1I2, HNF4A, AR, ESR1, ESR2, NR5A2, NR2F6, NR4A1, RARA, THR, AHR, NR1H2	0.000613366
Protein regulators of tissue remodeling	883	tissue remodeling	10	1	ESR2, PPARD, PPARG, NR3C2, NR3C1, NR1H4, PGR, PPARA, VDR, AHR	0.000631583
Protein regulators of leukocyte cell adhesion	724	leukocyte cell adhesion	9	1	PPARD, PPARG, NR3C2, NR3C1, NR4A1, RXRA, PPARA, AHR, ESR1	0.000632208
Protein regulators of hair cycle	206	hair cycle	5	2	PPARG, NR3C2, AR, RXRA, VDR	0.000637569
Protein regulators of skeletal muscle adaptation	50	skeletal muscle adaptation	3	5	PPARD, ESRRG, AR	0.00063889
Protein regulators of cell invasion	7542	cell invasion	37	0	PPARD, PPARG, NR2F1, HNF4A, HNF4G, NR2F2, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, NR5A2, NR3C2, NR0B2, ESRRG, NR4A2, NR2F6, NR6A1, THR, VDR, NR1D1, NR2C2, NR1I2, NR4A3, NR3C1, AR, PGR, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, NR1H3	0.000656051
Protein regulators of colony formation	4363	colony formation	26	0	PPARD, PPARG, HNF4A, HNF4G, NR2F2, NR1H4, ESR1, ESR2, ESRRA, ESRRB, NR5A2, NR3C2, NR2C2, NR1I2, NR3C1, AR, NR0B1, PGR, RORA, NR4A1, RARA, PPARA, RARB, AHR, RARG, THRA	0.000663369
Protein regulators of response to exercise	208	response to exercise	5	2	PPARD, ESRRA, ESRRG, PPARA, ESR1	0.000666067
Protein regulators of prostate gland development	118	prostate gland development	4	3	ESR2, AR, AHR, ESR1	0.00066994
Protein regulators of pigmentation	582	pigmentation	8	1	PPARG, NR4A3, NR3C1, AR, NR0B1, PGR, AHR, ESR1	0.000683544
Protein regulators of brain functional connectivity	120	brain functional connectivity	4	3	NR3C1, AR, PGR, NR1D1	0.000713604
Protein regulators of glial cell apoptosis	52	glial cell apoptosis	3	5	PPARG, AR, THRA	0.000716968
Protein regulators of response to fatty acid	12	response to fatty acid	2	15	PPARD, PPARA	0.000725055
Protein regulators of immunocompetent cell population	121	immunocompetent cell population	4	3	ESR2, NR1H4, VDR, AHR	0.000736175
Protein regulators of heart performance	325	heart performance	6	1	ESR2, PPARD, PPARG, NR3C2, PPARA, THRA	0.000758517
Protein regulators of muscle growth	452	muscle growth	7	1	ESR2, PPARD, PPARG, AR, NR4A1, THRA, NR1H3	0.000763117
Protein regulators of T-helper cell response	453	T-helper cell response	7	1	PPARG, PPARA, RORA, AHR, ESR1, RORC, NR1D1	0.000773112
Protein regulators of morphine-induced antinociception	125	morphine-induced antinociception	4	3	ESR2, NR3C2, PGR, ESR1	0.000831537
Protein regulators of ejaculation	125	ejaculation	4	3	ESR2, AR, PGR, ESR1	0.000831537
Protein regulators of cell morphogenesis	754	cell morphogenesis	9	1	PPARD, PPARG, NR5A2, NR2F1, NR2F2, RARA, PPARA, ESR1, RARG	0.000845629
Protein regulators of leukocyte function	604	leukocyte function	8	1	ESR2, PPARD, PPARG, NR3C2, NR1I2, AR, VDR, AHR	0.000870948
Protein regulators of glial cell function	334	glial cell function	6	1	PPARG, NR4A2, NR3C1, NR4A1, PGR, NR1H2	0.000874414
Protein regulators of blood flow	921	blood flow	10	1	ESR2, PPARD, PPARG, NR3C2, ESRRG, AR, PGR, PPARA, AHR, ESR1	0.000875862
Protein regulators of menstruation	128	menstruation	4	3	PPARG, AR, PGR, AHR	0.000908561
Protein regulators of response to cAMP	128	response to cAMP	4	3	NR5A1, NR4A2, NR4A1, ESR1	0.000908561
Protein regulators of endothelial cell response	224	endothelial cell response	5	2	PPARG, NR3C2, AR, AHR, ESR1	0.000929811
Protein regulators of astrocyte differentiation	224	astrocyte differentiation	5	2	PPARG, NR2E1, NR2F1, ESR1, THRA	0.000929811
Protein regulators of fetus lung maturation	129	fetus lung maturation	4	3	PPARG, NR3C2, NR3C1, AR	0.000935318
Protein regulators of ferroptosis	468	ferroptosis	7	1	NR1D2, NR5A2, HNF4A, PPARA, VDR, AHR, NR1D1	0.000935938
Protein regulators of membrane repolarization during	57	membrane repolarization	3	5	ESR2, NR3C2, THRA	0.000938053
Protein regulators of bone maturation	57	bone maturation	3	5	ESR2, ESR1, THRA	0.000938053
Protein regulators of infection sensitivity	57	infection sensitivity	3	5	PPARG, NR3C1, VDR	0.000938053
Protein regulators of Th1 cell development	225	Th1 cell development	5	2	RARA, RORA, VDR, ESR1, RORC	0.000948544
Protein regulators of immune response	4459	immune response	26	0	PPARD, PPARG, NR1I3, NR1H4, ESR1, ESR2, NR5A2, NR3C2, NR0B2, NR2F6, VDR, NR1I2, NR3C1, AR, PGR, RORA, RORC, NR5A1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, NR1H3	0.00095499
Protein regulators of glycogenesis	130	glycogenesis	4	3	PPARG, NR5A2, NR1H4, PPARA	0.000962625
Protein regulators of lung function	768	lung function	9	1	ESR2, PPARG, NR3C1, AR, NR4A1, PPARA, VDR, AHR, ESR1	0.000963714
Protein regulators of fetus growth	341	fetus growth	6	1	PPARG, HNF4A, NR3C1, PPARA, VDR, AHR	0.000973673
Protein regulators of immune system activation	935	immune system activation	10	1	ESR2, PPARG, NR3C2, NR3C1, NR2F6, PPARA, RORA, VDR, AHR, RORC	0.000983613
Protein regulators of fibroblast proliferation	1110	fibroblast proliferation	11	0	ESR2, PPARD, PPARG, NR3C2, AR, PPARA, THR, VDR, AHR, ESR1, THRA	0.000992919
Protein regulators of child abuse	14	child abuse	2	13	NR3C2, NR3C1	0.000995383
Protein regulators of glucocorticoid receptor signaling	14	glucocorticoid receptor signaling	2	13	ESRRG, NR3C1	0.000995383
Protein regulators of stem cell fate	473	stem cell fate	7	1	PPARG, ESRRB, NR5A2, NR2E1, RXRA, VDR, RARG	0.000995868
Protein regulators of DNA repair	2305	DNA repair	17	0	NR2C2, PPARG, AR, PGR, RORA, ESR1, RORC, ESR2, NR2E3, NR5A2, NR4A2, NR4A1, PPARA, RARB, VDR, AHR, NR1D1	0.000996714
Protein regulators of neuronal migration	938	neuronal migration	10	1	ESR2, NR2C2, NR5A1, NR2F1, NR3C1, NR2F2, THR, AHR, NR1H2, THRA	0.001008073
Protein regulators of cholesterol esterification	132	cholesterol esterification	4	3	PPARG, PGR, PPARA, NR1H3	0.001018918
Protein regulators of mammary gland differentiation	132	mammary gland differentiation	4	3	ESR2, PGR, AHR, ESR1	0.001018918
Protein regulators of thyroid function	229	thyroid function	5	2	PPARG, THR, RARB, NR1H2, THRA	0.001026302
Protein regulators of macrophage proliferation	345	macrophage proliferation	6	1	PPARD, PPARG, NR3C2, NR4A3, VDR, NR1H3	0.001034174
Protein regulators of pyramidal cell excitability	59	pyramidal cell excitability	3	5	NR3C2, NR3C1, ESR1	0.001037279
Protein regulators of menarche	59	menarche	3	5	ESR2, VDR, ESR1	0.001037279
Protein regulators of chondrocyte proliferation	477	chondrocyte proliferation	7	1	ESR2, ESRRA, ESRRG, RARA, RARB, ESR1, RARG	0.001045964
Protein regulators of kidney mesangial cell apoptosis	133	kidney mesangial cell apoptosis	4	2	PPARG, ESRRA, NR3C2, ESR1	0.001047916
Protein regulators of trophoblast growth	347	trophoblast growth	6	1	ESR2, PPARD, PPARG, NR3C2, NR3C1, VDR	0.001065491

Protein regulators of blood vessel contraction	348	blood vessel contraction	6	1	ESR2,PPARG,NR3C2,AR,NR1H4,ESR1	0.001081422
Protein regulators of embryo implantation	626	embryo implantation	8	1	PPARD,PPARG,NR5A1,NR3C1,NR2F2,AR,PGR,ESR1	0.001097848
Protein regulators of T-cell response	1500	T-cell response	13	0	PPARG,NR4A3,NR3C1,AR,NR1H4,ESR1,RORC,NR0B2,NR4A1,PPARA,VDR,AHR,RARG	0.001115643
Protein regulators of myoblast differentiation	786	myoblast differentiation	9	1	PPARD,NR1D2,ESRRG,AR,RXRA,RARB,VDR,RARG,THRA	0.001135025
Protein regulators of executive function	136	executive function	4	2	NR3C2,NR3C1,VDR,ESR1	0.001138392
Protein regulators of neuron development	484	neuron development	7	1	NR2E1,NR2F1,NR4A2,NR2F2,AR,NR4A1,ESR1	0.001138412
Protein regulators of erythroid precursor cell formation	15	erythroid precursor cell formation	2	12	NR2C2,NR2C1	0.001146039
Protein regulators of blood clotting	956	blood clotting	10	1	PPARG,NR3C2,HNF4A,NR4A3,AR,NR4A1,NR1H4,PPARA,VDR,ESR1	0.001165627
Protein regulators of T-cell homeostasis	354	T-cell homeostasis	6	1	ESRRA,NR4A1,AHR,ESR1,RORC,NR1H3	0.001180897
Protein regulators of nervous system physiology	793	nervous system physiology	9	1	ESR2,PPARG,NR3C2,NR4A2,NR3C1,NR4A1,PGR,RORA,ESR1	0.001208013
Protein regulators of capillary endothelial cell proliferation	139	capillary endothelial cell proliferation	4	2	PPARD,PPARG,NR3C2,NR4A1	0.001234222
Protein regulators of physiological stress	139	physiological stress	4	2	ESR2,NR3C1,NR4A1,ESR1	0.001234222
Protein regulators of cell regeneration	1328	cell regeneration	12	0	PPARD,NR2C2,PPARG,AR,NR1H4,ESR1,ESR2,NR5A2,PPARA,RARB,VDR,AHR	0.001263476
Protein regulators of pancreatic beta cell proliferation	140	pancreatic beta cell proliferation	4	2	NR4A3,NR4A1,NR1D1,THRA	0.001267384
Protein regulators of B-cell population	140	B-cell population	4	2	PPARD,AR,THRB,THRA	0.001267384
Protein regulators of Th17 cell formation	141	Th17 cell formation	4	2	PPARG,RORA,AHR,RORC	0.001301166
Protein regulators of M2 macrophage polarity	361	M2 macrophage polarity	6	1	PPARD,PPARG,NR3C2,HNF4A,NR4A1,AHR	0.001305693
Protein regulators of paternal behavior	16	paternal behavior	2	11	PGR,ESR1	0.001306932
Protein regulators of immune system cell proliferation	16	immune system cell proliferation	2	11	PPARA,VDR	0.001306932
Protein regulators of muscle cell differentiation	1529	muscle cell differentiation	13	0	PPARG,NR2F2,AR,RORA,ESR1,ESRRA,NR1D2,NR5A2,ESRRG,RARA,RXRA,NR1D1,THRA	0.001332486
Protein regulators of adipocyte proliferation	143	adipocyte proliferation	4	2	PPARD,PPARG,NR3C2,ESR1	0.001370614
Protein regulators of baroreflex	246	baroreflex	5	2	PPARG,NR3C2,AR,PPARA,ESR1	0.001410766
Protein regulators of lipid peroxidation	812	lipid peroxidation	9	1	PPARG,NR3C2,NR1I2,NR3C1,NR1H4,PPARA,RORA,VDR,AHR	0.001425592
Protein regulators of menstrual cycle phase	66	menstrual cycle phase	3	4	ESR2,PGR,ESR1	0.001436046
Protein regulators of endothelial cell growth	504	endothelial cell growth	7	1	PPARG,NR4A3,NR2F2,NR4A1,RXRA,PPARA,ESR1	0.001438482
Protein regulators of bilirubin conjugation	17	bilirubin conjugation	2	11	NR1I2,NR1I3	0.001477992
Protein regulators of Th17 cell fate	17	Th17 cell fate	2	11	RARA,AHR	0.001477992
Protein regulators of male genital development	17	male genital development	2	11	ESR2,AR	0.001477992
Protein regulators of Th22 cell differentiation	17	Th22 cell differentiation	2	11	AHR,RORC	0.001477992
Protein regulators of endocrine physiology	17	endocrine physiology	2	11	PPARG,NR1H2	0.001477992
Protein regulators of water balance	146	water balance	4	2	ESR2,PPARG,NR3C2,NR1H2	0.00147959
Protein regulators of mammary gland morphogenesis	146	mammary gland morphogenesis	4	2	RARA,PGR,VDR,ESR1	0.00147959
Protein regulators of RNA degradation	370	RNA degradation	6	1	PPARD,ESRRA,NR0B2,NR3C1,AR,VDR	0.001480748
Protein regulators of nitric oxide release	657	nitric oxide release	8	1	ESR2,PPARD,PPARG,NR3C2,NR3C1,AR,PPARA,ESR1	0.00149592
Protein regulators of scar formation	658	scar formation	8	1	PPARD,PPARG,NR3C2,AR,NR4A1,PPARA,VDR,ESR1	0.001510456
Protein regulators of proteolysis	2391	proteolysis	17	0	PPARD,PPARG,NR3C1,AR,NR1I3,PGR,ESR1,ESR2,NR3C2,RARA,RXRA,PPARA,RARB,VDR,AHR,NR1H2,RARG	0.001514264
Protein regulators of glutamine metabolism	250	glutamine metabolism	5	1	PPARG,ESRRA,NR5A2,HNF4A,AR	0.001514883
Protein regulators of neutrophil development	147	neutrophil development	4	2	AR,RARA,RXRA,RORC	0.001517222
Protein regulators of immune system development	148	immune system development	4	2	PPARA,VDR,AHR,RORC	0.001555516
Protein regulators of pressor response	374	pressor response	6	1	ESR2,PPARG,NR3C2,NR3C1,AR,ESR1	0.001564082
Protein regulators of vascular associated smooth muscle	252	vascular associated smooth muscle	5	1	PPARD,PPARG,NR4A1,PPARA,THRA	0.00156902
Protein regulators of immunocompetent cell function	515	immunocompetent cell function	7	1	PPARD,PPARG,NR3C2,NR1I2,AR,VDR,AHR	0.001628151
Protein regulators of sexual reproduction	69	sexual reproduction	3	4	ESR2,PGR,ESR1	0.001632585
Protein regulators of Th17 cell proliferation	69	Th17 cell proliferation	3	4	AHR,ESR1,RORC	0.001632585
Protein regulators of thymus differentiation	69	thymus differentiation	3	4	NR3C1,THRB,RORC	0.001632585
Protein regulators of phenotypic variation	150	phenotypic variation	4	2	NR2E3,AR,NR1I3,VDR	0.001634121
Protein regulators of myelopoiesis	516	myelopoiesis	7	1	PPARG,NR4A3,RARA,PPARA,AHR,RORC,RARG	0.00164632
Protein regulators of platelet aggregation	1001	platelet aggregation	10	0	ESR2,PPARD,PPARG,NR3C2,NR1I2,NR3C1,AR,VDR,AHR,NR1H2	0.001650076
Protein regulators of brain-derived neurotrophic factor	18	brain-derived neurotrophic factor	2	10	PPARG,NR3C1	0.001659154
Protein regulators of chromosome condensation	668	chromosome condensation	8	1	NR2F2,NR6A1,NR4A1,RARA,THRB,VDR,AHR,ESR1	0.001662122
Protein regulators of appetite	517	appetite	7	1	RXRG,PPARG,NR5A1,NR3C2,NR3C1,PPARA,ESR1	0.001664647
Protein regulators of epithelial cell apoptotic process	518	epithelial cell apoptotic process	7	1	PPARD,AR,NR4A1,NR1H4,RORA,VDR,ESR1	0.001683133
Protein regulators of response to insulin	380	response to insulin	6	1	PPARD,PPARG,NR3C1,NR1H4,PPARA,NR1H3	0.001695754
Protein regulators of immunological tolerance	837	immunological tolerance	9	1	PPARD,PPARG,NR5A2,NR4A2,NR3C1,NR2F6,NR4A1,VDR,AHR	0.001759295
Protein regulators of cancer stem cell phenotype	383	cancer stem cell phenotype	6	1	ESRRA,NR2F6,NR4A1,NR0B1,AHR,ESR1	0.001764682
Protein regulators of diastolic function	259	diastolic function	5	1	PPARG,NR5A1,NR3C2,RORA,VDR	0.001769791
Protein regulators of cell plasticity	385	cell plasticity	6	1	PPARG,NR5A2,AR,PGR,AHR,ESR1	0.001811808
Protein regulators of fertilization	1197	fertilization	11	0	ESR2,PPARG,NR2E3,NR2E1,NR3C1,AR,NR6A1,PGR,THRB,AHR,ESR1	0.001833759
Protein regulators of cell disruption	386	cell disruption	6	1	PPARG,NR1I3,THRB,RORB,AHR,ESR1	0.001835727
Protein regulators of arterial vasodilatation	155	arterial vasodilatation	4	2	ESR2,PPARD,NR3C2,ESR1	0.001842673
Protein regulators of bone cell development	19	bone cell development	2	10	PPARG,NR0B1	0.001850348
Protein regulators of ectoderm formation	19	ectoderm formation	2	10	RARA,RARG	0.001850348
Protein regulators of stem cell distribution	19	stem cell distribution	2	10	RARA,RARG	0.001850348
Protein regulators of protein metabolic process	681	protein metabolic process	8	1	ESR2,PPARG,NR3C1,AR,NR1I3,PGR,VDR,ESR1	0.001877191
Protein regulators of pancreas function	156	pancreas function	4	2	HNF4A,NR2F2,AR,PPARA	0.001886497
Protein regulators of lymphocytic blood cell differentiation	263	lymphocytic blood cell differentiation	5	1	PPARG,RORA,AHR,RORC,NR1H2	0.001892673
Protein regulators of stem cell development	529	stem cell development	7	1	PPARD,PPARG,ESRRB,NR5A2,NR0B1,PPARA,THRA	0.001897281
Protein regulators of oocyte maturation	847	oocyte maturation	9	1	ESR2,PPARG,NR5A2,AR,RXRA,PGR,RORA,AHR,ESR1	0.001909297
Protein regulators of CD8+ memory T-cell formation	73	CD8+ memory T-cell formation	3	4	NR4A3,NR2F6,AHR	0.001919733
Protein regulators of macrophage formation	158	macrophage formation	4	2	PPARG,NR4A3,PPARA,NR1H3	0.001976307
Protein regulators of cell fate determination	689	cell fate determination	8	1	PPARG,NR2E3,NR5A1,NR2E1,NR3C1,NR2F2,ESR1,THRA	0.002020172
Protein regulators of cell organization and biogenesis	159	cell organization and biogenesis	4	2	AR,RARA,RARB,ESR1	0.002022306
Protein regulators of erythrocyte differentiation	857	erythrocyte differentiation	9	1	NR2C2,PPARG,NR3C1,AR,RXRA,THRB,AHR,ESR1,THRA	0.002069453
Protein regulators of dendritic cell infiltration	75	dendritic cell infiltration	3	3	ESR2,PPARD,AR	0.002074367
Protein regulators of mitochondrial DNA replication	161	mitochondrial DNA replication	4	2	PPARD,PPARG,AHR,ESR1	0.002116522
Protein regulators of tissue repair	860	tissue repair	9	1	PPARD,PPARG,NR3C2,ESRRG,NR3C1,NR1H4,PPARA,AHR,THRA	0.002119554
Protein regulators of perception of pain	860	perception of pain	9	1	ESR2,PPARD,PPARG,NR3C2,NR3C1,AR,PPARA,ESR1,NR1H2	0.002119554
Protein regulators of mitochondrial translation	271	mitochondrial translation	5	1	PPARD,PPARG,AR,PPARA,THRA	0.002157093
Protein regulators of sodium excretion	272	sodium excretion	5	1	PPARG,ESRRA,NR3C2,NR1H4,PPARA	0.00219195

Protein regulators of mitochondrial DNA depletion	77	mitochondrial DNA deple	3	NR2E3,AR,ESR1	0.00223655
Protein regulators of sequestering of triglyceride	164	sequestering of triglycerid	2	PPARD,PPARG,NR1H4,PPARA	0.002263481
Protein regulators of cell division	3178	cell division	20	PPARD,PPARG,NR2F1,HNF4A,NR3C1,AR,NR1H4,PGR,ESR1,RORC,ESR2,NR4A1,RARA,RXRA,PPARA,THRB,VDR,AHR,RXR	0.002264677
				BB,THRA	
Protein regulators of muscle development	702	muscle development	8	PPARD,NR3C1,NR2F2,AR,NR4A1,RXRA,NR1D1,THRA	0.002270839
Protein regulators of fluid retention	78	fluid retention	3	PPARG,NR3C2,NR3C1	0.002320512
Protein regulators of RNA elongation	549	RNA elongation	7	PPARD,PPARG,NR3C1,AR,VDR,AHR,ESR1	0.002340615
Protein regulators of startle response	166	startle response	4	ESRRB,NR3C1,VDR,THRA	0.002365282
Protein regulators of B cell function	707	B cell function	8	PPARG,HNF4A,AR,NR1H4,RORA,VDR,AHR,NR1D1	0.00237356
Protein regulators of cell fusion	707	cell fusion	8	PPARG,ESRRA,ESRRB,ESRRG,NR2F1,NR4A2,NR4A3,NR4A1	0.00237356
Protein regulators of leukocyte-endothelial cell inter:	167	leukocyte-endothelial cell	4	PPARG,RXRA,PPARA,VDR	0.002417349
Protein regulators of acrosome reaction	408	acrosome reaction	6	ESR2,PPARG,NR1H4,PGR,VDR,ESR1	0.002425481
Protein regulators of luteal phase	168	luteal phase	4	ESR2,AR,PGR,ESR1	0.002470202
Protein regulators of skeletal muscle cell differentiati	168	skeletal muscle cell differe	4	PPARG,ESRRA,NR4A3,RORC	0.002470202
Protein regulators of activation-induced cell death of	168	activation-induced cell de	4	PPARG,NR5A2,NR4A1,AHR	0.002470202
Protein regulators of binding competition	168	binding competition	4	NR1I2,NR2F1,NR1I3,THRB	0.002470202
Protein regulators of uterus development	22	uterus development	2	AR,ESR1	0.002483457
Protein regulators of social learning	22	social learning	2	ESR2,ESR1	0.002483457
Protein regulators of endometrium maturation	22	endometrium maturation	2	PGR,ESR1	0.002483457
Protein regulators of glial cell response	280	glial cell response	5	ESR2,PPARD,PPARG,PPARA,ESR1	0.002485836
Protein regulators of CD4+ T-cell polarity	80	CD4+ T-cell polarity	3	PPARG,AHR,RORC	0.002494252
Protein regulators of histone methylation	411	histone methylation	6	NR1I2,HNF4A,NR4A2,NR3C1,AR,ESR1	0.002515841
Protein regulators of cell fate commitment	558	cell fate commitment	7	PPARG,ESRRA,NR2F2,PPARA,VDR,ESR1,RORC	0.002564597
Protein regulators of artery remodeling	414	artery remodeling	6	PPARG,NR3C2,NR4A1,VDR,AHR,ESR1	0.002608724
Protein regulators of fracture healing	414	fracture healing	6	ESR2,PPARG,NR3C1,AR,AHR,ESR1	0.002608724
Protein regulators of sodium retention	171	sodium retention	4	PPARG,NR3C2,NR3C1,PPARA	0.002633533
Protein regulators of non-shivering thermogenesis	82	non-shivering thermogenesi	3	PPARD,PPARG,PPARA	0.002675851
Protein regulators of hippocampus development	82	hippocampus developmei	3	PPARG,NR3C2,NR4A3	0.002675851
Protein regulators of response to interleukin-6	82	response to interleukin-6	3	NR3C1,AR,PPARA	0.002675851
Protein regulators of thymocyte death	83	thymocyte death	3	NR3C1,NR4A1,RARG	0.002769634
Protein regulators of grooming behavior	175	grooming behavior	4	ESRRA,NR3C1,VDR,ESR1	0.002862672
Protein regulators of toll-like receptor 4 signaling pat	175	toll-like receptor 4 signal	4	PPARG,AHR,NR1D1,NR1H3	0.002862672
Protein regulators of DNA methylation or demethylat	84	DNA methylation or demeth	3	PPARG,NR3C1,AR	0.002865426
Protein regulators of white adipocyte differentiation	84	white adipocyte differenti	3	PPARG,NR3C1,NR1H4	0.002865426
Protein regulators of B-cell proliferation	901	B-cell proliferation	9	PPARG,NR1D2,NR1I2,NR2F2,NR4A1,RORA,VDR,AHR,ESR1	0.00290755
Protein regulators of B-cell expansion	176	B-cell expansion	4	HNF4G,NR4A3,AR,NR4A1	0.002922025
Protein regulators of macrophage migration	732	macrophage migration	8	NR2C2,PPARG,NR3C2,NR3C1,AR,NR4A1,PPARA,NR1H3	0.002943607
Protein regulators of oogenesis	572	oogenesis	7	ESR2,NR5A2,HNF4A,NR2F2,AR,NR6A1,AHR	0.002945622
Protein regulators of cancer stem cell apoptosis	24	cancer stem cell apoptosi	2	NR4A2,VDR	0.002954472
Protein regulators of renal water reabsorption	24	renal water reabsorption	2	PPARG,NR1H4	0.002954472
Protein regulators of gallbladder emptying	24	gallbladder emptying	2	NR1H4,ESR1	0.002954472
Protein regulators of myofibroblast differentiation	573	myofibroblast differentiat	7	ESR2,PPARD,PPARG,NR3C2,NR3C1,VDR,AHR	0.002974421
Protein regulators of response to glucose	292	response to glucose	5	PPARD,NR1I2,HNF4A,NR1H4,AHR	0.002979181
Protein regulators of leukocyte recruitment	734	leukocyte recruitment	8	PPARD,PPARG,NR3C2,AR,PPARA,AHR,NR1H2,RXR	0.002993485
Protein regulators of CD4+ T-cell function	178	CD4+ T-cell function	4	PPARG,ESRRA,PGR,AHR	0.003043254
Protein regulators of tumor differentiation	179	tumor differentiation	4	PPARD,PPARG,PGR,PPARA	0.003105143
Protein regulators of neuronal plasticity	912	neuronal plasticity	9	ESR2,PPARG,ESRRA,NR3C2,NR4A2,NR3C1,NR4A1,PGR,ESR1	0.003154499
Protein regulators of intestinal excretion	25	intestinal excretion	2	NR1H4,NR1H3	0.003204464
Protein regulators of thymocyte population	25	thymocyte population	2	AHR,RORC	0.003204464
Protein regulators of adult behavior	25	adult behavior	2	NR3C1,PGR	0.003204464
Protein regulators of glomerular visceral epithelial ce	298	glomerular visceral epithe	5	PPARG,NR3C2,ESRRG,PPARA,VDR	0.003250846
Protein regulators of tumor immunity	1099	tumor immunity	10	ESR2,PPARG,ESRRA,AR,NR2F6,NR4A1,VDR,AHR,RORC,NR1H3	0.003283452
Protein regulators of protein degradation	1691	protein degradation	13	PPARD,PPARG,HNF4A,NR3C1,AR,ESR1,NR3C2,PPARA,THRB,VDR,AHR,NR1D1,RARG	0.003305198
Protein regulators of cell structure	584	cell structure	7	NR3C2,HNF4A,NR3C1,NR4A1,RARA,NR1H2,THRA	0.003305763
Protein regulators of sebaceous gland development	26	sebaceous gland developm	2	PPARG,AR	0.003464025
Protein regulators of helper T-cell formation	26	helper T-cell formation	2	AHR,RORC	0.003464025
Protein regulators of pancreas development	185	pancreas development	4	NR5A1,NR5A2,HNF4A,RORA	0.003494668
Protein regulators of secretory pathway	1111	secretory pathway	10	ESR2,PPARG,NR3C2,NR3C1,AR,RARA,VDR,AHR,ESR1,NR1H3	0.003551184
Protein regulators of astrocyte function	186	astrocyte function	4	ESR2,PPARG,NR3C1,AHR	0.003562676
Protein regulators of CD4+ T-cell proliferation	441	CD4+ T-cell proliferation	6	PPARG,ESRRA,NR4A1,VDR,AHR,RORC	0.003565615
Protein regulators of diestrus	91	diestrus	3	PGR,VDR,ESR1	0.003593376
Protein regulators of interneuron migration	91	interneuron migration	3	ESR2,NR2F1,NR2F2	0.003593376
Protein regulators of growth stimulation	306	growth stimulation	5	AR,RARA,VDR,AHR,ESR1	0.003640397
Protein regulators of systolic function	307	systolic function	5	PPARG,NR3C2,NR3C1,PPARA,ESR1	0.003691353
Protein regulators of amacrine cell differentiation	27	amacrine cell differentiati	2	NR4A2,RORB	0.003733091
Protein regulators of gliogenesis	309	gliogenesis	5	NR2E1,NR2F1,NR3C1,NR2F2,RARA	0.003794804
Protein regulators of haematopoietic stem cell count	190	haematopoietic stem cell	4	PPARD,AHR,ESR1,RARG	0.003843735
Protein regulators of mRNA degradation	765	mRNA degradation	8	ESRRA,NR1I2,NR3C1,AR,PGR,VDR,AHR,THRA	0.003855078
Protein regulators of host susceptibility	191	host susceptibility	4	PPARG,RXRA,VDR,AHR	0.003916285
Protein regulators of heart ventricle function	192	heart ventricle function	4	ESR2,PPARG,NR3C2,ESR1	0.003989761
Protein regulators of cell interaction	1728	cell interaction	13	PPARD,PPARG,NR3C1,NR2F2,AR,PGR,ESR1,ESR2,NR2E3,NR4A1,VDR,AHR,THRA	0.003994121
Protein regulators of monocyte expansion	28	monocyte expansion	2	PPARD,NR3C2	0.004011596
Protein regulators of response to gonadotropin	28	response to gonadotropin	2	NR5A2,PGR	0.004011596
Protein regulators of macrophage fate	28	macrophage fate	2	PPARD,PPARG	0.004011596
Protein regulators of ER unfolded protein response	1133	ER unfolded protein respo	10	PPARD,PPARG,NR3C2,HNF4A,NR3C1,AR,NR1H4,PPARA,AHR,ESR1	0.004087464
Protein regulators of stem cell apoptosis	315	stem cell apoptosis	5	PPARG,NR4A2,NR3C1,AR,RXRA	0.004117688
Protein regulators of thymocyte count	96	thymocyte count	3	NR3C1,NR4A1,AHR	0.00417657
Protein regulators of mast cell differentiation	96	mast cell differentiation	3	PPARG,VDR,AHR	0.00417657
Protein regulators of cornification	96	cornification	3	ESR2,PGR,ESR1	0.00417657
Protein regulators of amyloid-beta clearance	195	amyloid-beta clearance	4	PPARG,RARA,NR1D1,NR1H3	0.004215798
Protein regulators of extrinsic pathway of apoptosis	318	extrinsic pathway of apop	5	ESR2,PPARG,NR4A1,RXRA,VDR	0.004286321
Protein regulators of gammadelta T-cell count	29	gammadelta T-cell count	2	PGR,AHR	0.004299477
Protein regulators of hematopoietic stem cell homeo	98	hematopoietic stem cell h	3	NR3C1,NR4A1,RARG	0.004425011
Protein regulators of melanogenesis	617	melanogenesis	7	ESR2,PPARG,PPARA,VDR,AHR,ESR1,NR1H3	0.004471933

Protein regulators of haematopoietic stem cell function	322	haematopoietic stem cell	5	1	PPARD, PPARG, RARA, AHR, ESR1	0.0045188
Protein regulators of microglia phenotype	199	microglia phenotype	4	2	PPARD, PPARG, NR4A1, ESR1	0.004530475
Protein regulators of discriminative learning	30	discriminative learning	2	6	ESR2, ESR1	0.004596669
Protein regulators of Sertoli cell development	30	Sertoli cell development	2	6	THRB, THRA	0.004596669
Protein regulators of neurotransmission	1352	neurotransmission	11	0	ESR2, NR3C2, NR4A2, NR4A3, NR3C1, AR, NR4A1, NR1H4, PPARG, ESR1, NR1H2	0.004745225
Protein regulators of cancer stem cell population	203	cancer stem cell population	4	1	AR, THRB, VDR, AHR	0.004860668
Protein regulators of effector T-cell count	31	effector T-cell count	2	6	PPARG, AHR	0.004903109
Protein regulators of glutamine family amino acid metabolism	31	glutamine family amino acid metabolism	2	6	PPARG, HNF4A	0.004903109
Protein regulators of hearing	472	hearing	6	1	ESR2, ESRRB, NR3C2, NR3C1, THRB, THRA	0.004963869
Protein regulators of release of cytochrome c from mitochondria	1166	release of cytochrome c from mitochondria	10	0	ESR2, PPARG, NR3C2, NR0B2, NR4A3, NR3C1, AR, NR4A1, AHR, ESR1	0.005011543
Protein regulators of mating	473	mating	6	1	PPARD, NR1I2, AR, NR4A1, PGR, ESR1	0.00501485
Protein regulators of meiotic cell cycle	1565	meiotic cell cycle	12	0	NR2C2, PPARG, AR, PGR, ESR1, ESR2, NR0B2, NR6A1, NR4A1, RARA, RXRA, AHR	0.005020705
Protein regulators of cell redox homeostasis	474	cell redox homeostasis	6	1	PPARD, NR2C2, PPARG, NR4A3, NR1H4, AHR	0.005066217
Protein regulators of endochondral ossification	476	endochondral ossification	6	1	ESR2, PPARG, NR3C1, THRB, RARG, THRA	0.005170118
Protein regulators of invariant natural killer T-cell development	104	invariant natural killer T-cell	3	2	NR4A1, VDR, RORC	0.005223523
Protein regulators of G1 phase	1784	G1 phase	13	0	PPARD, PPARG, NR1I2, NR2F2, AR, NR1H4, ESR1, ESR2, NR5A2, NR4A2, NR4A1, RARA, AHR	0.005258049
Protein regulators of gastrointestinal system digestion	105	gastrointestinal system digestion	3	2	NR1I2, NR1H4, AHR	0.00536448
Protein regulators of DNA fragmentation	990	DNA fragmentation	9	0	ESR2, PPARD, NR2C2, PPARG, NR5A2, NR3C1, NR4A1, NR1H4, ESR1	0.005422413
Protein regulators of pachytene	210	pachytene	4	1	ESR2, NR6A1, RARA, ESR1	0.00547688
Protein regulators of liver circulation	106	liver circulation	3	2	PPARG, NR1H4, AHR	0.005507714
Protein regulators of M2 macrophage development	33	M2 macrophage development	2	5	PPARD, PPARG	0.005543479
Protein regulators of body growth	211	body growth	4	1	PPARG, NR3C1, THRB, THRA	0.005568983
Protein regulators of sodium absorption	107	sodium absorption	3	2	PPARG, NR3C2, NR3C1	0.005653235
Protein regulators of extramedullary hematopoiesis	107	extramedullary hematopoiesis	3	2	PPARG, AHR, ESR1	0.005653235
Protein regulators of cell growth involved in cardiac development	212	cell growth involved in cardiac development	4	1	PPARD, PPARG, NR4A2, THRA	0.005662118
Protein regulators of Th2 cell polarity	213	Th2 cell polarity	4	1	PPARD, PPARG, AR, VDR	0.005756293
Protein regulators of cervical dilatation	34	cervical dilatation	2	5	PGR, ESR1	0.005877283
Protein regulators of metestrus	34	metestrus	2	5	NR5A2, PGR	0.005877283
Protein regulators of Th2 cell population	34	Th2 cell population	2	5	PPARA, AHR	0.005877283
Protein regulators of selective attention	34	selective attention	2	5	NR3C2, NR3C1	0.005877283
Protein regulators of aorta flow	34	aorta flow	2	5	PPARG, PPARA	0.005877283
Protein regulators of myeloid progenitor cell development	34	myeloid progenitor cell development	2	5	NR2C2, RARA	0.005877283
Protein regulators of bone marrow derived mesenchyme	110	bone marrow derived mesenchyme	3	2	PPARG, NR4A2, AR	0.00610362
Protein regulators of M2 macrophage phenotype	110	M2 macrophage phenotype	3	2	PPARD, PPARG, NR3C2	0.00610362
Protein regulators of macrophage repertoire	35	macrophage repertoire	2	5	PPARG, NR1H3	0.006220082
Protein regulators of transsulfuration	35	transsulfuration	2	5	HNF4A, PPARA	0.006220082
Protein regulators of homeostasis	218	homeostasis	4	1	PPARG, NR0B2, NR3C1, VDR	0.006242928
Protein regulators of myeloid cell count	111	myeloid cell count	3	2	ESRRA, AHR, ESR1	0.006258388
Protein regulators of cell size	1403	cell size	11	0	PPARG, NR3C2, NR0B2, NR1I2, HNF4A, NR4A2, AR, NR4A1, NR1H4, PPARA, ESR1	0.006270529
Protein regulators of osteoclast function	658	osteoclast function	7	1	PPARD, PPARG, ESRRA, AR, VDR, ESR1, NR1H3	0.006329622
Protein regulators of regulatory T-cell formation	349	regulatory T-cell formation	5	1	PPARG, NR4A2, NR4A1, NR1H4, AHR	0.006329894
Protein regulators of pattern specification	349	pattern specification	5	1	NR5A1, NR5A2, RXRA, PPARA, RARG	0.006329894
Protein regulators of CD4+ T-cell expansion	112	CD4+ T-cell expansion	3	2	AHR, ESR1, RORC	0.00641549
Protein regulators of translation initiation	661	translation initiation	7	1	PPARG, NR3C1, AR, RARA, THRB, AHR, ESR1	0.006485317
Protein regulators of spleen development	36	spleen development	2	5	NR5A1, ESR1	0.006571816
Protein regulators of haematopoietic stem cell division	36	haematopoietic stem cell	2	5	PPARD, ESR1	0.006571816
Protein regulators of genital development	36	genital development	2	5	AR, ESR1	0.006571816
Protein regulators of invariant natural killer T-cell differentiation	36	invariant natural killer T-cell	2	5	NR4A1, RORC	0.006571816
Protein regulators of regulatory T-cell phenotype	113	regulatory T-cell phenotype	3	2	PPARG, AHR, RORC	0.006574937
Protein regulators of response to stress	843	response to stress	8	0	ESR2, PPARG, NR3C2, NR4A2, NR3C1, PGR, AHR, ESR1	0.006884432
Protein regulators of blood vessel permeability	1028	blood vessel permeability	9	0	PPARD, PPARG, NR3C1, NR4A1, RXRA, NR1H4, PGR, PPARA, VDR	0.006912492
Protein regulators of adipose macrophage polarity	37	adipose macrophage polarity	2	5	PPARD, PPARG	0.006932421
Protein regulators of inter-male aggressive behavior	37	inter-male aggressive behavior	2	5	AR, ESR1	0.006932421
Protein regulators of plasmacytoid dendritic cell count	37	plasmacytoid dendritic cell	2	5	AHR, ESR1	0.006932421
Protein regulators of vision	507	vision	6	1	NR2E3, NR3C2, NR2E1, PPARA, RORB, NR2C1	0.006989597
Protein regulators of lymphopoiesis	358	lymphopoiesis	5	1	ESR2, AR, AHR, ESR1, RARG	0.00703337
Protein regulators of arterial relaxation	227	arterial relaxation	4	1	PPARD, PPARG, NR3C2, PPARA	0.007186652
Protein regulators of wound healing	2527	wound healing	16	0	PPARD, PPARG, NR1I2, NR3C1, AR, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR5A2, NR3C2, NR4A1, PPARA, VDR, AHR	0.007188969
Protein regulators of phagocytosis	2072	phagocytosis	14	0	PPARD, PPARG, NR3C1, AR, ESR1, NR2E3, NR4A1, RARA, RXRA, VDR, AHR, NR1H2, NR1D1, NR1H3	0.0072126
Protein regulators of T-cell expansion	361	T-cell expansion	5	1	PPARG, NR0B2, NR4A1, AHR, RORC	0.007279606
Protein regulators of trophoblast giant cell differentiation	38	trophoblast giant cell differentiation	2	5	PPARD, NR2F2	0.007301837
Protein regulators of dentate gyrus development	38	dentate gyrus development	2	5	NR2F1, NR1H2	0.007301837
Protein regulators of immunocompetent cell proliferation	118	immunocompetent cell	3	2	VDR, AHR, ESR1	0.007407637
Protein regulators of structural organization	363	structural organization	5	1	NR5A1, NR5A2, NR3C2, NR0B1, ESR1	0.007447089
Protein regulators of thymocyte survival	119	thymocyte survival	3	2	NR3C1, AR, RORC	0.00758133
Protein regulators of apoptosis	12065	apoptosis	47	0	PPARD, RXRG, PPARG, NR2F1, HNF4A, NR2F2, NR1I3, NR1H4, ESR1, ESR2, ESRRA, NR1D2, ESRRB, NR5A2, NR3C2, NR0B2, ESRRG, NR4A2, NR2F6, NR6A1, THRB, VDR, NR1H2, NR1D1, NR2C1, NR2C2, NR1I2, NR4A3, NR3C1, AR, NR0B1, PGR, RORA, RORC, NR2E3, NR5A1, NR2E1, NR4A1, RARA, RXRA, PPARA, RARB, AHR, RARG, RXRB, THRA, NR1H3	0.007614741
Protein regulators of courtship behavior	39	courtship behavior	2	5	AR, PGR	0.007680002
Protein regulators of B-cell repertoire	39	B-cell repertoire	2	5	AR, ESR1	0.007680002
Protein regulators of very-low-density lipoprotein particle	39	very-low-density lipoprotein	2	5	PPARG, PPARA	0.007680002
Protein regulators of Th17 cell survival	39	Th17 cell survival	2	5	RORA, RORC	0.007680002
Protein regulators of bone marrow derived mesenchyme	366	bone marrow derived mesenchyme	5	1	PPARG, NR5A1, NR2F1, NR2F2, AR	0.00770336
Protein regulators of proteasome complex disassembly	366	proteasome complex disassembly	5	1	PPARG, AR, PGR, THRB, NR1D1	0.00770336
Protein regulators of immunocompetent cell differentiation	120	immunocompetent cell	3	2	PPARG, VDR, AHR	0.007757425
Protein regulators of myofibroblast transdifferentiation	120	myofibroblast transdifferentiation	3	2	PPARD, PPARG, NR3C2	0.007757425
Protein regulators of fibrinolysis	367	fibrinolysis	5	1	PPARG, NR3C2, RORA, VDR, ESR1	0.00779014
Protein regulators of cell architecture	521	cell architecture	6	1	PPARG, NR5A1, NR5A2, NR2F1, HNF4A, NR3C1	0.007948666
Protein regulators of climacteric	40	climacteric	2	4	PGR, ESR1	0.008066855



Protein regulators of DNA replication licensing	40	DNA replication licensing	2	4	AR,PGR	0.008066855
Protein regulators of embryonic organogenesis	40	embryonic organogenesis	2	4	NR2F1,HNF4A	0.008066855
Protein regulators of neurite outgrowth	2559	neurite outgrowth	16	0	PPARG,NR3C1,AR,NR0B1,PGR,ESR1,ESR2,NR1D2,ESRRG,NR4A2,NR4A1,RARB,VDR,AHR,NR1D1,RARG	0.008126237
Protein regulators of gametogenesis	372	gametogenesis	5	1	ESR2,NR6A1,NR0B1,VDR,AHR	0.008234331
Protein regulators of hemopoiesis	1459	hemopoiesis	11	0	ESR2,PPARG,NR1I2,HNF4A,NR3C1,RARA,RXRA,VDR,AHR,ESR1,RARG	0.00837148
Protein regulators of astrocyte activation	374	astrocyte activation	5	1	PPARD,PPARG,NR3C1,AHR,NR1D1	0.008416862
Protein regulators of sterol homeostasis	41	sterol homeostasis	2	4	NR1I2,NR1H3	0.008462335
Protein regulators of second trimester pregnancy	126	second trimester pregnan	3	2	ESRRA,ESRRG,VDR	0.008864887
Protein regulators of xenophagy	126	xenophagy	3	2	ESRRA,PPARA,VDR	0.008864887
Protein regulators of osteoblast development	126	osteoblast development	3	2	PPARG,ESRRA,NR2F2	0.008864887
Protein regulators of social cognition	42	social cognition	2	4	NR3C2,PGR	0.008866382
Protein regulators of macrophage expansion	42	macrophage expansion	2	4	RORC,NR1H3	0.008866382
Protein regulators of cold acclimation	242	cold acclimation	4	1	PPARG,NR3C2,AR,ESR1	0.008961609
Protein regulators of trophoblast function	127	trophoblast function	3	2	PPARG,ESRRG,VDR	0.009058013
Protein regulators of ion transport	705	ion transport	7	0	NR3C2,HNF4A,NR3C1,AR,PPARA,RORA,ESR1	0.009114692
Protein regulators of response to progesterone	43	response to progesterone	2	4	AR,PGR	0.009278937
Protein regulators of cell killing	889	cell killing	8	0	PPARD,NR4A3,NR3C1,AR,NR4A1,RARA,PPARA,ESR1	0.009373135
Protein regulators of synaptogenesis	1484	synaptogenesis	11	0	ESR2,PPARG,NR4A2,NR3C1,AR,NR4A1,PGR,PPARA,RORA,VDR,ESR1	0.009472653
Protein regulators of bladder function	246	bladder function	4	1	ESR2,PPARG,NR3C1,RXRA	0.009479233
Protein regulators of drug susceptibility	892	drug susceptibility	8	0	NR2C2,ESRRA,NR1I2,NR3C1,RARA,AHR,ESR1,RARG	0.009556254
Protein regulators of arachidonic acid metabolism	247	arachidonic acid metabo	4	1	PPARG,NR1H4,PPARA,AHR	0.009611627
Protein regulators of monocyte apoptosis	130	monocyte apoptosis	3	2	PPARG,AR,PPARA	0.009652182
Protein regulators of pancreatic beta cell differentiat	44	pancreatic beta cell differ	2	4	HNF4A,NR2F2	0.009699938
Protein regulators of kidney metabolism	44	kidney metabolism	2	4	PPARA,THRB	0.009699938
Protein regulators of retina development	131	retina development	3	2	PPARD,NR2E3,THRB	0.00985519