701 relations for process 'regulation of transcription, DNA-templated'

664 relations for process 'transcription, DNA-templated'

514 relations for process 'small molecule metabolic process'

507 relations for process 'metabolic process'

502 relations for process 'transport'

459 relations for process 'signal transduction'

325 relations for process 'apoptotic process'

322 relations for process 'gene expression'

279 relations for process 'cell cycle'

273 relations for process 'positive regulation of transcription from RNA polymerase II promoter'

241 relations for process 'viral process'

240 relations for process 'multicellular organismal development'

237 relations for process 'oxidation-reduction process'

235 relations for process 'innate immune response'

233 relations for process 'protein transport'

231 relations for process 'negative regulation of transcription from RNA polymerase II promoter'

229 relations for process 'phosphorylation'

225 relations for process 'mitotic cell cycle'

201 relations for process 'negative regulation of apoptotic process'

198 relations for process 'positive regulation of transcription, DNA-templated'

183 relations for process 'protein phosphorylation'

183 relations for process 'negative regulation of transcription, DNA-templated'

182 relations for process 'cellular protein metabolic process'

176 relations for process 'cell division'

176 relations for process 'proteolysis'

174 relations for process 'cell differentiation'

167 relations for process 'cell adhesion'

166 relations for process 'translation'

166 relations for process 'cell proliferation'

164 relations for process 'transcription from RNA polymerase II promoter'

164 relations for process 'transmembrane transport'

161 relations for process 'blood coagulation'

146 relations for process 'mitotic nuclear division'

143 relations for process 'protein ubiquitination'

142 relations for process 'lipid metabolic process'

140 relations for process 'ion transport'

138 relations for process 'positive regulation of cell proliferation'

138 relations for process 'RNA metabolic process'

136 relations for process 'modulation by virus of host morphology or physiology'

136 relations for process 'negative regulation of cell proliferation'

134 relations for process 'cellular response to DNA damage stimulus'

132 relations for process 'small GTPase mediated signal transduction'

129 relations for process 'response to drug'

129 relations for process 'carbohydrate metabolic process'

127 relations for process 'nervous system development'

127 relations for process 'RNA splicing'

126 relations for process 'cytokine-mediated signaling pathway'

125 relations for process 'intracellular signal transduction'

124 relations for process 'mRNA processing'

123 relations for process 'immune response'

122 relations for process 'immune system process'

117 relations for process 'axon guidance'

115 relations for process 'regulation of transcription from RNA polymerase II promoter'

114 relations for process 'intracellular protein transport'

114 relations for process 'mRNA metabolic process'

113 relations for process 'positive regulation of GTPase activity'

112 relations for process 'DNA repair'

108 relations for process 'regulation of apoptotic process'

107 relations for process 'GTP catabolic process'

105 relations for process 'G1/S transition of mitotic cell cycle'

101 relations for process 'positive regulation of apoptotic process'

99 relations for process 'G-protein coupled receptor signaling pathway'

97 relations for process 'inflammatory response'

93 relations for process 'neurotrophin TRK receptor signaling pathway'

93 relations for process 'chromatin modification'

90 relations for process 'Wnt signaling pathway'

88 relations for process 'ATP catabolic process'

87 relations for process 'ubiquitin-dependent protein catabolic process'

84 relations for process 'translational initiation'

84 relations for process 'synaptic transmission'

83 relations for process 'DNA replication'

82 relations for process 'response to stress'

82 relations for process 'in utero embryonic development'

81 relations for process 'vesicle-mediated transport'

81 relations for process 'cellular nitrogen compound metabolic process'

80 relations for process 'extracellular matrix organization'

80 relations for process 'platelet activation'

77 relations for process 'cellular metabolic process'

77 relations for process 'transcription initiation from RNA polymerase II promoter'

76 relations for process 'methylation'

75 relations for process 'cell death'

75 relations for process 'angiogenesis'

74 relations for process 'mRNA splicing, via spliceosome'

73 relations for process 'cell surface receptor signaling pathway'

71 relations for process 'brain development'

71 relations for process 'positive regulation of I-kappaB kinase/NF-kappaB signaling'

70 relations for process 'defense response to virus'

67 relations for process 'response to lipopolysaccharide'

66 relations for process 'response to virus'

66 relations for process 'protein folding'

65 relations for process 'spermatogenesis'

64 relations for process 'epidermal growth factor receptor signaling pathway'

64 relations for process 'protein polyubiquitination'

63 relations for process 'anaphase-promoting complex-dependent proteasomal ubiquitin-dependent protein catabolic process'

63 relations for process 'glucose metabolic process'

63 relations for process 'antigen processing and presentation of peptide antigen via MHC class I'

63 relations for process 'regulation of cell proliferation'

63 relations for process 'response to hypoxia'

62 relations for process 'response to oxidative stress'

61 relations for process 'regulation of small GTPase mediated signal transduction'

60 relations for process 'dephosphorylation'

60 relations for process 'cell-cell signaling'

59 relations for process 'Fc-epsilon receptor signaling pathway'

58 relations for process 'regulation of ubiquitin-protein ligase activity involved in mitotic cell cycle'

56 relations for process 'respiratory electron transport chain'

56 relations for process 'regulation of translation'

56 relations for process 'response to organic cyclic compound'

55 relations for process 'antigen processing and presentation of exogenous peptide antigen via MHC class I'

55 relations for process 'positive regulation of ubiquitin-protein ligase activity involved in mitotic cell cycle'

55 relations for process 'chemotaxis'

54 relations for process 'cell cycle arrest'

54 relations for process 'insulin receptor signaling pathway'

54 relations for process 'G2/M transition of mitotic cell cycle'

53 relations for process 'heart development'

53 relations for process 'antigen processing and presentation of exogenous peptide antigen via MHC class I, TAP-dependent'

52 relations for process 'SRP-dependent cotranslational protein targeting to membrane'

52 relations for process 'translational elongation'

51 relations for process 'Notch signaling pathway'

51 relations for process 'phosphatidylinositol-mediated signaling'