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GO_NEUROPEPTIDE_SIGNALING_PATHWAY, GO_NEUROPEPTIDE_SIGNALING_PATHWAY
                                              GO_NEUROPEPTIDE_HORMONE_ACTIVITY, GO_NEUROPEPTIDE_HORMONE_ACTIVITY
                                              GO_GROWTH_FACTOR_ACTIVITY, GO_GROWTH_FACTOR_ACTIVITY
                                              GO_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION, GO_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION
                                              GO_REGULATION_OF_BLOOD_PRESSURE, GO_REGULATION_OF_BLOOD_PRESSURE
                                              GO_RESPONSE_TO_FOOD, GO_RESPONSE_TO_FOOD
                                              GO_NEUROPEPTIDE_RECEPTOR_BINDING, GO_NEUROPEPTIDE_RECEPTOR_BINDING
                                              GO_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT, GO_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT
                                              GO RECEPTOR SIGNALING PATHWAY VIA STAT, GO RECEPTOR SIGNALING PATHWAY VIA STAT
                                              GO_MULTICELLULAR_ORGANISMAL_SIGNALING, GO_MULTICELLULAR_ORGANISMAL_SIGNALING
                                              GO_GOLGI_LUMEN, GO_GOLGI_LUMEN
                                              GO_AMINE_TRANSPORT, GO_AMINE_TRANSPORT
                                              GO_AMMONIUM_TRANSPORT, GO_AMMONIUM_TRANSPORT
                                              GO_FEEDING_BEHAVIOR, GO_FEEDING_BEHAVIOR
                                              GO_MONOAMINE_TRANSPORT, GO_MONOAMINE_TRANSPORT
                                              GO_ACID_SECRETION, GO_ACID_SECRETION
                                              GO_REGULATION_OF_RESPONSE_TO_FOOD, GO_REGULATION_OF_RESPONSE_TO_FOOD
                                              GO_NEGATIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT, GO_NEGATIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT
                                              GO_POSITIVE_REGULATION_OF_BLOOD_CIRCULATION, GO_POSITIVE_REGULATION_OF_BLOOD_CIRCULATION
                                              GO_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE, GO_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE
                                              GO_THYROID_HORMONE_METABOLIC_PROCESS, GO_THYROID_HORMONE_METABOLIC_PROCESS
                                              GO_INOSITOL_LIPID_MEDIATED_SIGNALING, GO_INOSITOL_LIPID_MEDIATED_SIGNALING
                                              GO_RESPONSE_TO_CORTICOSTEROID, GO_RESPONSE_TO_CORTICOSTEROID
                                              GO_REGULATION_OF_BEHAVIOR, GO_REGULATION_OF_BEHAVIOR
                                              GO INSULIN RECEPTOR SIGNALING PATHWAY, GO INSULIN RECEPTOR SIGNALING PATHWAY
                                              GO BONE MINERALIZATION, GO BONE MINERALIZATION
                                              GO_PHOSPHATIDYLINOSITOL_3_KINASE_SIGNALING, GO_PHOSPHATIDYLINOSITOL_3_KINASE_SIGNALING
                                              GO_SLEEP, GO_SLEEP
                                              GO_REGULATION_OF_APPETITE, GO_REGULATION_OF_APPETITE
                                              GO_NEGATIVE_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS, GO_NEGATIVE_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS
                                              GO_ADENYLATE_CYCLASE_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY, GO_ADENYLATE_CYCLASE_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY.
                                              GO_PHOSPHOLIPASE_C_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY, GO_PHOSPHOLIPASE_C_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY.
                                              GO_POSITIVE_REGULATION_OF_NEUROTRANSMITTER_TRANSPORT, GO_POSITIVE_REGULATION_OF_NEUROTRANSMITTER_TRANSPORT
                                              GO_REGULATION_OF_SENSORY_PERCEPTION, GO_REGULATION_OF_SENSORY_PERCEPTION
                                              GO_POSITIVE_REGULATION_OF_CALCIUM_ION_IMPORT, GO_POSITIVE_REGULATION_OF_CALCIUM_ION_IMPORT
                                              GO_REGULATION_OF_INTESTINAL_ABSORPTION, GO_REGULATION_OF_INTESTINAL_ABSORPTION
                                              GO_MACROPHAGE_DIFFERENTIATION, GO_MACROPHAGE_DIFFERENTIATION
                                              GO GASTRO INTESTINAL SYSTEM SMOOTH MUSCLE CONTRACTION, GO GASTRO INTESTINAL SYSTEM SMOOTH MUSCLE CONTRACTION
                                              GO_HORMONE_RECEPTOR_BINDING, GO_HORMONE_RECEPTOR_BINDING
                                              GO_MAGNESIUM_ION_HOMEOSTASIS, GO_MAGNESIUM_ION_HOMEOSTASIS
                                              GO_RESPONSE_TO_STARVATION, GO_RESPONSE_TO_STARVATION
                                              GO_MONOSACCHARIDE_BIOSYNTHETIC_PROCESS, GO_MONOSACCHARIDE_BIOSYNTHETIC_PROCESS
                                              GO_CATECHOLAMINE_SECRETION, GO_CATECHOLAMINE_SECRETION
                                              GO_ENDOSOME_LUMEN, GO_ENDOSOME_LUMEN
                                              GO_SENSORY_PERCEPTION_OF_PAIN, GO_SENSORY_PERCEPTION_OF_PAIN
                                              GO_NOREPINEPHRINE_TRANSPORT, GO_NOREPINEPHRINE_TRANSPORT
                                              GO_NEGATIVE_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION, GO_NEGATIVE_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION
                                              GO_GLUCOCORTICOID_METABOLIC_PROCESS, GO_GLUCOCORTICOID_METABOLIC_PROCESS
                                              GO_TRANSMISSION_OF_NERVE_IMPULSE, GO_TRANSMISSION_OF_NERVE_IMPULSE
                                              GO_DIGESTIVE_SYSTEM_PROCESS, GO_DIGESTIVE_SYSTEM_PROCESS
NE_ACTIVITY, GO_HORMONE_ACTIVITY
                                              GO_ASSOCIATIVE_LEARNING, GO_ASSOCIATIVE_LEARNING
                                              GO_NEGATIVE_REGULATION_OF_MITOCHONDRION_ORGANIZATION, GO_NEGATIVE_REGULATION_OF_MITOCHONDRION_ORGANIZATION
                                              GO_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS, GO_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS
                                              GO_REGULATION_OF_HEART_RATE, GO_REGULATION_OF_HEART_RATE
                                              GO_EXCRETION, GO_EXCRETION
                                              GO_ACUTE_PHASE_RESPONSE, GO_ACUTE_PHASE_RESPONSE
                                              GO_VASCULAR_PROCESS_IN_CIRCULATORY_SYSTEM, GO_VASCULAR_PROCESS_IN_CIRCULATORY_SYSTEM
                                              GO_REGULATION_OF_VASCULAR_PERMEABILITY, GO_REGULATION_OF_VASCULAR_PERMEABILITY
                                              GO_MAIN_AXON, GO_MAIN_AXON
                                              GO_REGULATION_OF_CARTILAGE_DEVELOPMENT, GO_REGULATION_OF_CARTILAGE_DEVELOPMENT
                                              GO_NEGATIVE_REGULATION_OF_LEUKOCYTE_DIFFERENTIATION, GO_NEGATIVE_REGULATION_OF_LEUKOCYTE_DIFFERENTIATION
                                              GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_EXTRACELLULAR_STIMULUS, GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_EXTRACELLULAR_STIMULUS
                                              GO_RESPONSE_TO_ELECTRICAL_STIMULUS, GO_RESPONSE_TO_ELECTRICAL_STIMULUS
                                              GO_EXPLORATION_BEHAVIOR, GO_EXPLORATION_BEHAVIOR
                                              GO_POSITIVE_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT, GO_POSITIVE_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT
                                              GO_ENDOCRINE_SYSTEM_DEVELOPMENT, GO_ENDOCRINE_SYSTEM_DEVELOPMENT
                                              GO_POSITIVE_REGULATION_OF_T_CELL_PROLIFERATION, GO_POSITIVE_REGULATION_OF_T_CELL_PROLIFERATION
                                              GO_NEGATIVE_REGULATION_OF_NOREPINEPHRINE_SECRETION, GO_NEGATIVE_REGULATION_OF_NOREPINEPHRINE_SECRETION
                                              GO_STARTLE_RESPONSE, GO_STARTLE_RESPONSE
                                              GO_TYROSINE_PHOSPHORYLATION_OF_STAT_PROTEIN, GO_TYROSINE_PHOSPHORYLATION_OF_STAT_PROTEIN
                                              GO_POSITIVE_REGULATION_OF_CIRCADIAN_RHYTHM, GO_POSITIVE_REGULATION_OF_CIRCADIAN_RHYTHM
                                              GO_RESPONSE_TO_MINERALOCORTICOID, GO_RESPONSE_TO_MINERALOCORTICOID
                                              GO_REGULATION_OF_FEEDING_BEHAVIOR, GO_REGULATION_OF_FEEDING_BEHAVIOR
                                              GO_PLACENTA_DEVELOPMENT, GO_PLACENTA_DEVELOPMENT
                                              GO_NEUTROPHIL_MIGRATION, GO_NEUTROPHIL_MIGRATION
                                              GO_POSITIVE_REGULATION_OF_TYROSINE_PHOSPHORYLATION_OF_STAT_PROTEIN, GO_POSITIVE_REGULATION_OF_TYROSINE_PHOSPHORYLATION_OF_STAT_PROTEIN
                                              GO_REGULATION_OF_CALCIUM_ION_IMPORT, GO_REGULATION_OF_CALCIUM_ION_IMPORT
                                              GO_FEAR_RESPONSE, GO_FEAR_RESPONSE
                                              GO_POSITIVE_REGULATION_OF_REPRODUCTIVE_PROCESS, GO_POSITIVE_REGULATION_OF_REPRODUCTIVE_PROCESS
                                              GO_NEGATIVE_REGULATION_OF_BEHAVIOR, GO_NEGATIVE_REGULATION_OF_BEHAVIOR
                                              GO_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION, GO_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION
                                              GO_ACUTE_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS, GO_ACUTE_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS
                                              GO_PHASIC_SMOOTH_MUSCLE_CONTRACTION, GO_PHASIC_SMOOTH_MUSCLE_CONTRACTION
                                              GO_CYCLIC_NUCLEOTIDE_BIOSYNTHETIC_PROCESS, GO_CYCLIC_NUCLEOTIDE_BIOSYNTHETIC_PROCESS
                                              GO_PITUITARY_GLAND_DEVELOPMENT, GO_PITUITARY_GLAND_DEVELOPMENT
                                              GO_ADULT_HEART_DEVELOPMENT, GO_ADULT_HEART_DEVELOPMENT
                                              GO OPIOID RECEPTOR BINDING, GO OPIOID RECEPTOR BINDING
                                              GO_NEGATIVE_REGULATION_OF_AMINE_TRANSPORT, GO_NEGATIVE_REGULATION_OF_AMINE_TRANSPORT
                                              GO_ACUTE_INFLAMMATORY_RESPONSE, GO_ACUTE_INFLAMMATORY_RESPONSE
                                              GO_POSITIVE_REGULATION_OF_HEART_CONTRACTION, GO_POSITIVE_REGULATION_OF_HEART_CONTRACTION
                                              GO REGULATION OF RESPONSE TO EXTRACELLULAR STIMULUS, GO REGULATION OF RESPONSE TO EXTRACELLULAR STIMULUS
                                              GO_DIGESTIVE_SYSTEM_DEVELOPMENT, GO_DIGESTIVE_SYSTEM_DEVELOPMENT
                                              GO_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS, GO_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS
                                              GO_LEUKOCYTE_TETHERING_OR_ROLLING, GO_LEUKOCYTE_TETHERING_OR_ROLLING
                                              GO_ACYLGLYCEROL_HOMEOSTASIS, GO_ACYLGLYCEROL_HOMEOSTASIS
                                              GO_BROWN_FAT_CELL_DIFFERENTIATION, GO_BROWN_FAT_CELL_DIFFERENTIATION
                                              GO_POLYSACCHARIDE_METABOLIC_PROCESS, GO_POLYSACCHARIDE_METABOLIC_PROCESS
                                              GO_PEPTIDE_HORMONE_PROCESSING, GO_PEPTIDE_HORMONE_PROCESSING
                                              GO_FEMALE_SEX_DIFFERENTIATION, GO_FEMALE_SEX_DIFFERENTIATION
                                              GO_MULTICELLULAR_ORGANISMAL_RESPONSE_TO_STRESS, GO_MULTICELLULAR_ORGANISMAL_RESPONSE_TO_STRESS
                                              GO_RESPONSE_TO_CHEMOKINE, GO_RESPONSE_TO_CHEMOKINE
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GO_RESPONSE_TO_CORTICOSTERONE, GO_RESPONSE_TO_CORTICOSTERONE

GO_DRUG_TRANSPORT, GO_DRUG_TRANSPORT

GO_DIGESTION, GO_DIGESTION