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WP_PARKINSONS_DISEASE_PATHWAY, WP_PARKINSONS_DISEASE_PATHWAY
                                                 WP CELL DIFFERENTIATION INDEX EXPANDED, WP CELL DIFFERENTIATION INDEX EXPANDED
                                                 WP_CELL_DIFFERENTIATION_INDEX, WP_CELL_DIFFERENTIATION_INDEX
                                                 REACTOME MUSCLE CONTRACTION, REACTOME MUSCLE CONTRACTION
                                                 WP_METASTATIC_BRAIN_TUMOR, WP_METASTATIC_BRAIN_TUMOR
                                                 KEGG_NEUROTROPHIN_SIGNALING_PATHWAY, KEGG_NEUROTROPHIN_SIGNALING_PATHWAY
                                                 REACTOME_REGULATED_NECROSIS, REACTOME_REGULATED_NECROSIS
                                                 BIOCARTA_HIVNEF_PATHWAY, BIOCARTA_HIVNEF_PATHWAY
                                                 WP_DNA_IRDOUBLE_STRAND_BREAKS_DSBS_AND_CELLULAR_RESPONSE_VIA_ATM, WP_DNA_IRDOUBLE_STRAND_BREAKS_DSBS_AND_CELLULAR_RESPONSE_VIA_ATM
                                                 REACTOME_DEGRADATION_OF_THE_EXTRACELLULAR_MATRIX, REACTOME_DEGRADATION_OF_THE_EXTRACELLULAR_MATRIX
                                                 REACTOME_AMYLOID_FIBER_FORMATION, REACTOME_AMYLOID_FIBER_FORMATION
                                                 WP_APOPTOSIS, WP_APOPTOSIS
                                                 REACTOME_ASSEMBLY_AND_CELL_SURFACE_PRESENTATION_OF_NMDA_RECEPTORS, REACTOME_ASSEMBLY_AND_CELL_SURFACE_PRESENTATION_OF_NMDA_RECEPTORS
                                                 WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION, WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION
                                                 PID_BCR_5PATHWAY, PID_BCR_5PATHWAY
                                                 REACTOME_LONG_TERM_POTENTIATION, REACTOME_LONG_TERM_POTENTIATION
                                                 WP_AGERAGE_PATHWAY, WP_AGERAGE_PATHWAY
                                                 BIOCARTA_FMLP_PATHWAY, BIOCARTA_FMLP_PATHWAY
                                                 KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY, KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY
                                                 BIOCARTA_CHEMICAL_PATHWAY, BIOCARTA_CHEMICAL_PATHWAY
                                                 WP_MIRNAS_INVOLVEMENT_IN_THE_IMMUNE_RESPONSE_IN_SEPSIS, WP_MIRNAS_INVOLVEMENT_IN_THE_IMMUNE_RESPONSE_IN_SEPSIS
                                                 REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_DEATH_GENES, REACTOME_TP53_REGULATES_TRANSCRIPTION_OF_CELL_DEATH_GENES
                                                 PID_ERBB4_PATHWAY, PID_ERBB4_PATHWAY
                                                 WP_TNF_ALPHA_SIGNALING_PATHWAY, WP_TNF_ALPHA_SIGNALING_PATHWAY
                                                 REACTOME_PYROPTOSIS, REACTOME_PYROPTOSIS
                                                 BIOCARTA_BCELLSURVIVAL_PATHWAY, BIOCARTA_BCELLSURVIVAL_PATHWAY
                                                 WP_NUCLEOTIDEBINDING_OLIGOMERIZATION_DOMAIN_NOD_PATHWAY, WP_NUCLEOTIDEBINDING_OLIGOMERIZATION_DOMAIN_NOD_PATHWAY
                                                 REACTOME_CA2_PATHWAY, REACTOME_CA2_PATHWAY
                                                 REACTOME_PLATELET_HOMEOSTASIS, REACTOME_PLATELET_HOMEOSTASIS
                                                 BIOCARTA_PYK2_PATHWAY, BIOCARTA_PYK2_PATHWAY
                                                 WP_TCELL_ANTIGEN_RECEPTOR_TCR_SIGNALING_PATHWAY, WP_TCELL_ANTIGEN_RECEPTOR_TCR_SIGNALING_PATHWAY
                                                 WP_UNFOLDED_PROTEIN_RESPONSE, WP_UNFOLDED_PROTEIN_RESPONSE
                                                 PID_CASPASE_PATHWAY, PID_CASPASE_PATHWAY
                                                 WP_INITIATION_OF_TRANSCRIPTION_AND_TRANSLATION_ELONGATION_AT_THE_HIV1_LTR, WP_INITIATION_OF_TRANSCRIPTION_AND_TRANSLATION_ELONGATION_AT_THE_HIV1_LTR
                                                 PID_MAPK_TRK_PATHWAY, PID_MAPK_TRK_PATHWAY
                                                 PID_HIV_NEF_PATHWAY, PID_HIV_NEF_PATHWAY
                                                 BIOCARTA_AT1R_PATHWAY, BIOCARTA_AT1R_PATHWAY
                                                 REACTOME_APOPTOTIC_FACTOR_MEDIATED_RESPONSE, REACTOME_APOPTOTIC_FACTOR_MEDIATED_RESPONSE
                                                 BIOCARTA_TNFR1_PATHWAY, BIOCARTA_TNFR1_PATHWAY
                                                BIOCARTA FAS PATHWAY, BIOCARTA FAS PATHWAY
EIMERS DISEASE, WP ALZHEIMERS DISEASE
                                                PID_LYSOPHOSPHOLIPID_PATHWAY, PID_LYSOPHOSPHOLIPID_PATHWAY
                                                 WP_VIRAL_ACUTE_MYOCARDITIS, WP_VIRAL_ACUTE_MYOCARDITIS
                                                 PID_S1P_S1P3_PATHWAY, PID_S1P_S1P3_PATHWAY
                                                 WP_IL6_SIGNALING_PATHWAY, WP_IL6_SIGNALING_PATHWAY
                                                 PID_ER_NONGENOMIC_PATHWAY, PID_ER_NONGENOMIC_PATHWAY
                                                 WP_PHOSPHODIESTERASES_IN_NEURONAL_FUNCTION, WP_PHOSPHODIESTERASES_IN_NEURONAL_FUNCTION
                                                 REACTOME_CASPASE_MEDIATED_CLEAVAGE_OF_CYTOSKELETAL_PROTEINS, REACTOME_CASPASE_MEDIATED_CLEAVAGE_OF_CYTOSKELETAL_PROTEINS
                                                 BIOCARTA_D4GDI_PATHWAY, BIOCARTA_D4GDI_PATHWAY
                                                 REACTOME_NEUREXINS_AND_NEUROLIGINS, REACTOME_NEUREXINS_AND_NEUROLIGINS
                                                 REACTOME_NCAM_SIGNALING_FOR_NEURITE_OUT_GROWTH, REACTOME_NCAM_SIGNALING_FOR_NEURITE_OUT_GROWTH
                                                 BIOCARTA_NO1_PATHWAY, BIOCARTA_NO1_PATHWAY
                                                 KEGG DILATED CARDIOMYOPATHY, KEGG DILATED CARDIOMYOPATHY
                                                 WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_APOPTOSIS, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_APOPTOSIS
                                                 KEGG_HYPERTROPHIC_CARDIOMYOPATHY_HCM, KEGG_HYPERTROPHIC_CARDIOMYOPATHY_HCM
                                                 WP_PHOSPHOINOSITIDES_METABOLISM, WP_PHOSPHOINOSITIDES_METABOLISM
                                                 WP_FAS_LIGAND_FASL_PATHWAY_AND_STRESS_INDUCTION_OF_HEAT_SHOCK_PROTEINS_HSP_REGULATION, WP_FAS_LIGAND_FASL_PATHWAY_AND_STRESS_INDUCTION_OF_HEAT_SHOCK_PROTEIN
                                                 REACTOME_PROTEIN_PROTEIN_INTERACTIONS_AT_SYNAPSES, REACTOME_PROTEIN_PROTEIN_INTERACTIONS_AT_SYNAPSES
                                                 KEGG_GAP_JUNCTION, KEGG_GAP_JUNCTION
                                                 REACTOME_UNBLOCKING_OF_NMDA_RECEPTORS_GLUTAMATE_BINDING_AND_ACTIVATION, REACTOME_UNBLOCKING_OF_NMDA_RECEPTORS_GLUTAMATE_BINDING_AND_ACTIVATION
                                                 WP_APOPTOSIS_MODULATION_BY_HSP70, WP_APOPTOSIS_MODULATION_BY_HSP70
                                                 WP_MAPK_CASCADE, WP_MAPK_CASCADE
                                                 REACTOME_RAS_ACTIVATION_UPON_CA2_INFLUX_THROUGH_NMDA_RECEPTOR, REACTOME_RAS_ACTIVATION_UPON_CA2_INFLUX_THROUGH_NMDA_RECEPTOR
                                                 KEGG_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY, KEGG_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY
                                                 BIOCARTA_NDKDYNAMIN_PATHWAY, BIOCARTA_NDKDYNAMIN_PATHWAY
                                                 WP_PHOTODYNAMIC_THERAPYINDUCED_UNFOLDED_PROTEIN_RESPONSE, WP_PHOTODYNAMIC_THERAPYINDUCED_UNFOLDED_PROTEIN_RESPONSE
                                                 REACTOME_EPH_EPHRIN_SIGNALING, REACTOME_EPH_EPHRIN_SIGNALING
                                                 REACTOME_EPH_EPHRIN_MEDIATED_REPULSION_OF_CELLS, REACTOME_EPH_EPHRIN_MEDIATED_REPULSION_OF_CELLS
                                                 WP_TNF_RELATED_WEAK_INDUCER_OF_APOPTOSIS_TWEAK_SIGNALING_PATHWAY, WP_TNF_RELATED_WEAK_INDUCER_OF_APOPTOSIS_TWEAK_SIGNALING_PATHWAY
                                                 REACTOME_PRE_NOTCH_EXPRESSION_AND_PROCESSING, REACTOME_PRE_NOTCH_EXPRESSION_AND_PROCESSING
                                                 KEGG_PRION_DISEASES, KEGG_PRION_DISEASES
                                                 REACTOME_CARDIAC_CONDUCTION, REACTOME_CARDIAC_CONDUCTION
                                                 WP_VITAMIN_D_IN_INFLAMMATORY_DISEASES, WP_VITAMIN_D_IN_INFLAMMATORY_DISEASES
                                                 REACTOME_SIGNAL_ATTENUATION, REACTOME_SIGNAL_ATTENUATION
                                                 REACTOME_CLEC7A_DECTIN_1_INDUCES_NFAT_ACTIVATION, REACTOME_CLEC7A_DECTIN_1_INDUCES_NFAT_ACTIVATION
                                                 REACTOME_PROLONGED_ERK_ACTIVATION_EVENTS, REACTOME_PROLONGED_ERK_ACTIVATION_EVENTS
                                                 PID_IFNG_PATHWAY, PID_IFNG_PATHWAY
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BIOCARTA\_DEATH\_PATHWAY, BIOCARTA\_DEATH\_PATHWAY

BIOCARTA\_KERATINOCYTE\_PATHWAY, BIOCARTA\_KERATINOCYTE\_PATHWAY

WP\_NANOMATERIAL\_INDUCED\_APOPTOSIS, WP\_NANOMATERIAL\_INDUCED\_APOPTOSIS

REACTOME\_TNFR1\_INDUCED\_PROAPOPTOTIC\_SIGNALING, REACTOME\_TNFR1\_INDUCED\_PROAPOPTOTIC\_SIGNALING