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CUI GLUCOSE DEPRIVATION, CUI GLUCOSE DEPRIVATION
                                                              KERLEY_RESPONSE_TO_CISPLATIN_UP, KERLEY_RESPONSE_TO_CISPLATIN_UP
                                                               PACHER_TARGETS_OF_IGF1_AND_IGF2_UP, PACHER_TARGETS_OF_IGF1_AND_IGF2_UP
                                                              WARTERS_IR_RESPONSE_5GY, WARTERS_IR_RESPONSE_5GY
                                                              QI_HYPOXIA, QI_HYPOXIA
                                                              NAGASHIMA_NRG1_SIGNALING_UP, NAGASHIMA_NRG1_SIGNALING_UP
                                                              SHAFFER IRF4_TARGETS_IN_PLASMA_CELL_VS_MATURE_B_LYMPHOCYTE, SHAFFER_IRF4_TARGETS_IN_PLASMA_CELL_VS_MATURE_B_LYMPHOCYTE
                                                              REACTOME_AMINO_ACID_TRANSPORT_ACROSS_THE_PLASMA_MEMBRANE, REACTOME_AMINO_ACID_TRANSPORT_ACROSS_THE_PLASMA_MEMBRANE
                                                               WOO LIVER CANCER RECURRENCE UP, WOO LIVER CANCER RECURRENCE UP
                                                               RODRIGUES DCC TARGETS DN, RODRIGUES DCC TARGETS DN
                                                               QUINTENS_EMBRYONIC_BRAIN_RESPONSE_TO_IR, QUINTENS_EMBRYONIC_BRAIN_RESPONSE_TO_IR
                                                               DESERT_PERIPORTAL_HEPATOCELLULAR_CARCINOMA_SUBCLASS_UP, DESERT_PERIPORTAL_HEPATOCELLULAR_CARCINOMA_SUBCLASS_UP
                                                              GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP
                                                               REACTOME_TRANSPORT_OF_INORGANIC_CATIONS_ANIONS_AND_AMINO_ACIDS_OLIGOPEPTIDES, REACTOME_TRANSPORT_OF_INORGANIC_CATIONS_ANIONS_AND_AMINO_
                                                               ONDER_CDH1_TARGETS_1_UP, ONDER_CDH1_TARGETS_1_UP
                                                              GAJATE_RESPONSE_TO_TRABECTEDIN_UP, GAJATE_RESPONSE_TO_TRABECTEDIN_UP
                                                               IGARASHI_ATF4_TARGETS_DN, IGARASHI_ATF4_TARGETS_DN
                                                               BURTON_ADIPOGENESIS_PEAK_AT_0HR, BURTON_ADIPOGENESIS_PEAK_AT_0HR
                                                               KASLER_HDAC7_TARGETS_2_DN, KASLER_HDAC7_TARGETS_2_DN
                                                               CEBALLOS_TARGETS_OF_TP53_AND_MYC_UP, CEBALLOS_TARGETS_OF_TP53_AND_MYC_UP
                                                               ONGUSAHA_TP53_TARGETS, ONGUSAHA_TP53_TARGETS
                                                               REACTOME_SIGNALING_BY_VEGF, REACTOME_SIGNALING_BY_VEGF
                                                              LY_AGING_MIDDLE_UP, LY_AGING_MIDDLE_UP
                                                               WP_PANCREATIC_ADENOCARCINOMA_PATHWAY, WP_PANCREATIC_ADENOCARCINOMA_PATHWAY
                                                               GROSS_HYPOXIA_VIA_ELK3_ONLY_UP, GROSS_HYPOXIA_VIA_ELK3_ONLY_UP
                                                               KIM_HYPOXIA, KIM_HYPOXIA
                                                               WP P53 TRANSCRIPTIONAL GENE NETWORK, WP P53 TRANSCRIPTIONAL GENE NETWORK
                                                               KEGG_GLYCINE_SERINE_AND_THREONINE_METABOLISM, KEGG_GLYCINE_SERINE_AND_THREONINE_METABOLISM
                                                               OUYANG_PROSTATE_CANCER_PROGRESSION_DN, OUYANG_PROSTATE_CANCER_PROGRESSION_DN
                                                               WENG_POR_TARGETS_GLOBAL_DN, WENG_POR_TARGETS_GLOBAL_DN
                                                               TSENG_ADIPOGENIC_POTENTIAL_UP, TSENG_ADIPOGENIC_POTENTIAL_UP
                                                               CAFFAREL_RESPONSE_TO_THC_UP, CAFFAREL_RESPONSE_TO_THC_UP
                                                               WP_PATHWAYS_IN_CLEAR_CELL_RENAL_CELL_CARCINOMA, WP_PATHWAYS_IN_CLEAR_CELL_RENAL_CELL_CARCINOMA
                                                               BIOCARTA_GRANULOCYTES_PATHWAY, BIOCARTA_GRANULOCYTES_PATHWAY
                                                               WP_MELANOMA, WP_MELANOMA
                                                               KANG_FLUOROURACIL_RESISTANCE_DN, KANG_FLUOROURACIL_RESISTANCE_DN
                                                               REACTOME_SIGNALING_BY_FLT3_FUSION_PROTEINS, REACTOME_SIGNALING_BY_FLT3_FUSION_PROTEINS
                                                               TSAI_DNAJB4_TARGETS_UP, TSAI_DNAJB4_TARGETS_UP
                                                               AMIT_EGF_RESPONSE_40_HELA, AMIT_EGF_RESPONSE_40_HELA
                                                               CHO_NR4A1_TARGETS, CHO_NR4A1_TARGETS
                                                               REACTOME_METABOLISM_OF_INGESTED_SEMET_SEC_MESEC_INTO_H2SE, REACTOME_METABOLISM_OF_INGESTED_SEMET_SEC_MESEC_INTO_H2SE
                                                               BIOCARTA STEM PATHWAY, BIOCARTA STEM PATHWAY
                                                               CAIRO_PML_TARGETS_BOUND_BY_MYC_DN, CAIRO_PML_TARGETS_BOUND_BY_MYC_DN
                                                               WP_TRANSCRIPTIONAL_CASCADE_REGULATING_ADIPOGENESIS, WP_TRANSCRIPTIONAL_CASCADE_REGULATING_ADIPOGENESIS
                                                               GARGALOVIC RESPONSE TO OXIDIZED PHOSPHOLIPIDS TURQUOISE UP, GARGALOVIC RESPONSE TO OXIDIZED PHOSPHOLIPIDS TURQUOISE UP
                                                               PARK_OSTEOBLAST_DIFFERENTIATION_BY_PHENYLAMIL_UP, PARK_OSTEOBLAST_DIFFERENTIATION_BY_PHENYLAMIL_UP
                                                               HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_DN, HOLLEMAN_ASPARAGINASE_RESISTANCE_B_ALL_DN
                                                               WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER, WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER
                                                               YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_1, YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_1
                                                               BIOCARTA_VEGF_PATHWAY, BIOCARTA_VEGF_PATHWAY
                                                              DELLA_RESPONSE_TO_TSA_AND_BUTYRATE, DELLA_RESPONSE_TO_TSA_AND_BUTYRATE
                                                              PID_VEGFR1_PATHWAY, PID_VEGFR1_PATHWAY
                                                              COULOUARN_TEMPORAL_TGFB1_SIGNATURE_DN, COULOUARN_TEMPORAL_TGFB1_SIGNATURE_DN
                                                              WP_ONCOSTATIN_M_SIGNALING_PATHWAY, WP_ONCOSTATIN_M_SIGNALING_PATHWAY
ACID_DEPRIVATION, KRIGE_AMINO_ACID_DEPRIVATION
                                                              BIOCARTA_PEPI_PATHWAY, BIOCARTA_PEPI_PATHWAY
                                                              SUH_COEXPRESSED_WITH_ID1_AND_ID2_UP, SUH_COEXPRESSED_WITH_ID1_AND_ID2_UP
                                                               ZHU_SKIL_TARGETS_UP, ZHU_SKIL_TARGETS_UP
                                                               WP_ENDOCHONDRAL_OSSIFICATION, WP_ENDOCHONDRAL_OSSIFICATION
                                                               WP_ENDOCHONDRAL_OSSIFICATION_WITH_SKELETAL_DYSPLASIAS, WP_ENDOCHONDRAL_OSSIFICATION_WITH_SKELETAL_DYSPLASIAS
                                                               REACTOME_SIGNALING_BY_FLT3_ITD_AND_TKD_MUTANTS, REACTOME_SIGNALING_BY_FLT3_ITD_AND_TKD_MUTANTS
                                                               MENSE_HYPOXIA_UP, MENSE_HYPOXIA_UP
                                                               WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_MAPK_SIGNALING, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_MAPK_SIGNALII
                                                               BIOCARTA_ECM_PATHWAY, BIOCARTA_ECM_PATHWAY
                                                               BURTON_ADIPOGENESIS_11, BURTON_ADIPOGENESIS_11
                                                               GAUSSMANN_MLL_AF4_FUSION_TARGETS_E_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_E_DN
                                                               WAGSCHAL_EHMT2_TARGETS_UP, WAGSCHAL_EHMT2_TARGETS_UP
                                                               REACTOME_AKT_PHOSPHORYLATES_TARGETS_IN_THE_CYTOSOL, REACTOME_AKT_PHOSPHORYLATES_TARGETS_IN_THE_CYTOSOL
                                                               WP_HEAD_AND_NECK_SQUAMOUS_CELL_CARCINOMA, WP_HEAD_AND_NECK_SQUAMOUS_CELL_CARCINOMA
                                                               SIMBULAN_UV_RESPONSE_NORMAL_DN, SIMBULAN_UV_RESPONSE_NORMAL_DN
                                                               KEGG_FOCAL_ADHESION, KEGG_FOCAL_ADHESION
                                                               WP_NONSMALL_CELL_LUNG_CANCER, WP_NONSMALL_CELL_LUNG_CANCER
                                                               RAY_ALZHEIMERS_DISEASE, RAY_ALZHEIMERS_DISEASE
                                                               BIOCARTA_INTEGRIN_PATHWAY, BIOCARTA_INTEGRIN_PATHWAY
                                                               MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_UP, MARTORIATI_MDM4_TARGETS_NEUROEPITHELIUM_UP
                                                               WP_GASTRIN_SIGNALING_PATHWAY, WP_GASTRIN_SIGNALING_PATHWAY
                                                               BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_48HR_DN, BANDRES_RESPONSE_TO_CARMUSTIN_WITHOUT_MGMT_48HR_DN
                                                               CHIBA_RESPONSE_TO_TSA_DN, CHIBA_RESPONSE_TO_TSA_DN
                                                               MIZUKAMI_HYPOXIA_UP, MIZUKAMI_HYPOXIA_UP
                                                               WP_LNCRNAMEDIATED_MECHANISMS_OF_THERAPEUTIC_RESISTANCE, WP_LNCRNAMEDIATED_MECHANISMS_OF_THERAPEUTIC_RESISTANCE
                                                               FRIDMAN_IMMORTALIZATION_DN, FRIDMAN_IMMORTALIZATION_DN
                                                               KANG_AR_TARGETS_DN, KANG_AR_TARGETS_DN
                                                               YORDY_RECIPROCAL_REGULATION_BY_ETS1_AND_SP100_UP, YORDY_RECIPROCAL_REGULATION_BY_ETS1_AND_SP100_UP
                                                               WP ENDOPLASMIC RETICULUM STRESS RESPONSE IN CORONAVIRUS INFECTION, WP ENDOPLASMIC RETICULUM STRESS RESPONSE IN CORONAVIRUS INFECTION
                                                               WP ENDOMETRIAL CANCER, WP ENDOMETRIAL CANCER
                                                               PID INTEGRIN A9B1 PATHWAY, PID INTEGRIN A9B1 PATHWAY
                                                               WP_TRANSCRIPTION_FACTOR_REGULATION_IN_ADIPOGENESIS, WP_TRANSCRIPTION_FACTOR_REGULATION_IN_ADIPOGENESIS
                                                               WP_DIFFERENTIATION_OF_WHITE_AND_BROWN_ADIPOCYTE, WP_DIFFERENTIATION_OF_WHITE_AND_BROWN_ADIPOCYTE
                                                               PID VEGF VEGFR PATHWAY, PID VEGF VEGFR PATHWAY
                                                               MARTIN_NFKB_TARGETS_UP, MARTIN_NFKB_TARGETS_UP
                                                               GROSS_ELK3_TARGETS_UP, GROSS_ELK3_TARGETS_UP
                                                               PID_VEGFR1_2_PATHWAY, PID_VEGFR1_2_PATHWAY
                                                               REACTOME_SIGNALING_BY_NTRK2_TRKB, REACTOME_SIGNALING_BY_NTRK2_TRKB
                                                               BIOCARTA_LYM_PATHWAY, BIOCARTA_LYM_PATHWAY
                                                               REACTOME_GLUTAMATE_NEUROTRANSMITTER_RELEASE_CYCLE, REACTOME_GLUTAMATE_NEUROTRANSMITTER_RELEASE_CYCLE
                                                              PID_NETRIN_PATHWAY, PID_NETRIN_PATHWAY
                                                               SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN, SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN
                                                               REACTOME_ATF6_ATF6_ALPHA_ACTIVATES_CHAPERONE_GENES, REACTOME_ATF6_ATF6_ALPHA_ACTIVATES_CHAPERONE_GENES
                                                               REACTOME_STAT5_ACTIVATION_DOWNSTREAM_OF_FLT3_ITD_MUTANTS, REACTOME_STAT5_ACTIVATION_DOWNSTREAM_OF_FLT3_ITD_MUTANTS
                                                               LI_ADIPOGENESIS_BY_ACTIVATED_PPARG, LI_ADIPOGENESIS_BY_ACTIVATED_PPARG
                                                              WP_CYSTEINE_AND_METHIONINE_CATABOLISM, WP_CYSTEINE_AND_METHIONINE_CATABOLISM
                                                              WP_ANGIOGENESIS, WP_ANGIOGENESIS
                                                              BIOCARTA_TCRA_PATHWAY, BIOCARTA_TCRA_PATHWAY
                                                               WP_P38_MAPK_SIGNALING_PATHWAY, WP_P38_MAPK_SIGNALING_PATHWAY
                                                              GAUSSMANN_MLL_AF4_FUSION_TARGETS_C_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_C_DN
                                                              WP_HYPERTROPHY_MODEL, WP_HYPERTROPHY_MODEL
                                                              SCIAN CELL CYCLE TARGETS OF TP53 AND TP73 UP, SCIAN CELL CYCLE TARGETS OF TP53 AND TP73 UP
                                                              KEGG_ALANINE_ASPARTATE_AND_GLUTAMATE_METABOLISM, KEGG_ALANINE_ASPARTATE_AND_GLUTAMATE_METABOLISM
                                                              SCIBETTA_KDM5B_TARGETS_UP, SCIBETTA_KDM5B_TARGETS_UP
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SMIRNOV_RESPONSE_TO_IR_6HR_UP, SMIRNOV_RESPONSE_TO_IR_6HR_UP

ZHAN_MULTIPLE_MYELOMA_CD1_UP, ZHAN_MULTIPLE_MYELOMA_CD1_UP

WIERENGA_STAT5A_TARGETS_GROUP1, WIERENGA_STAT5A_TARGETS_GROUP1

ZHAN MULTIPLE MYELOMA CD1 VS CD2 UP, ZHAN MULTIPLE MYELOMA CD1 VS CD2 UP

HELLER SILENCED BY METHYLATION DN, HELLER SILENCED BY METHYLATION DN

MARCHINI_TRABECTEDIN_RESISTANCE_DN, MARCHINI_TRABECTEDIN_RESISTANCE_DN

XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_UP, XU_RESPONSE_TO_TRETINOIN_AND_NSC682994_UP

WP_PATHOGENESIS_OF_SARSCOV2_MEDIATED_BY_NSP9NSP10_COMPLEX, WP_PATHOGENESIS_OF_SARSCOV2_MEDIATED_BY_NSP9NSP10_COMPLEX

KANG CISPLATIN RESISTANCE UP, KANG CISPLATIN RESISTANCE UP