
SMIRNOV_CIRCULATING_ENDOTHELIOCYTES_IN_CANCER_UP, SMIRNOV_CIRCULATING_ENDOTHELIOCYTES_IN_CANCER_UP
REACTOME_APOPTOSIS, REACTOME_APOPTOSIS
HUANG_GATA2_TARGETS_UP, HUANG_GATA2_TARGETS_UP
XIE_ST_HSC_S1PR3_OE_UP, XIE_ST_HSC_S1PR3_OE_UP
KEGG_LYSOSOME, KEGG_LYSOSOME
FLECHNER_BIOPSY_KIDNEY_TRANSPLANT_REJECTED_VS_OK_UP, FLECHNER_BIOPSY_KIDNEY_TRANSPLANT_REJECTED_VS_OK_UP
REACTOME_INTERFERON_GAMMA_SIGNALING, REACTOME_INTERFERON_GAMMA_SIGNALING
KRIEG_KDM3A_TARGETS_NOT_HYPOXIA, KRIEG_KDM3A_TARGETS_NOT_HYPOXIA
ICHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_UP, ICHIBA_GRAFT_VERSUS_HOST_DISEASE_D7_UP
PODAR_RESPONSE_TO_ADAPHOSTIN_UP, PODAR_RESPONSE_TO_ADAPHOSTIN_UP
TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_10D_UP
BLANCO_MELO_COVID19_SARS_COV_2_POS_PATIENT_LUNG_TISSUE_UP, BLANCO_MELO_COVID19_SARS_COV_2_POS_PATIENT_LUNG_TISSUE_UP
TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_3D_UP
JOHNSTONE_PARVB_TARGETS_2_UP, JOHNSTONE_PARVB_TARGETS_2_UP
VERHAAK_AML_WITH_NPM1_MUTATED_UP, VERHAAK_AML_WITH_NPM1_MUTATED_UP
CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_DN, CHIARADONNA_NEOPLASTIC_TRANSFORMATION_KRAS_DN
ICHIBA_GRAFT_VERSUS_HOST_DISEASE_35D_UP, ICHIBA_GRAFT_VERSUS_HOST_DISEASE_35D_UP
TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_16D_UP, TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_16D_UP
BOYLAN_MULTIPLE_MYELOMA_PCA1_UP, BOYLAN_MULTIPLE_MYELOMA_PCA1_UP
KIM_LRRC3B_TARGETS, KIM_LRRC3B_TARGETS
TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_HSC_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_HSC_UP
MISSIAGLIA_REGULATED_BY_METHYLATION_UP, MISSIAGLIA_REGULATED_BY_METHYLATION_UP
TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_ERYTHROCYTE_UP
REACTOME_INTERLEUKIN_4_AND_INTERLEUKIN_13_SIGNALING, REACTOME_INTERLEUKIN_4_AND_INTERLEUKIN_13_SIGNALING
SANA_RESPONSE_TO_IFNG_UP, SANA_RESPONSE_TO_IFNG_UP
ACOSTA_PROLIFERATION_INDEPENDENT_MYC_TARGETS_DN, ACOSTA_PROLIFERATION_INDEPENDENT_MYC_TARGETS_DN
KARLSSON_TGFB1_TARGETS_DN, KARLSSON_TGFB1_TARGETS_DN
ALCALA_APOPTOSIS, ALCALA_APOPTOSIS
WIERENGA_STAT5A_TARGETS_DN, WIERENGA_STAT5A_TARGETS_DN
BASSO_CD40_SIGNALING_UP, BASSO_CD40_SIGNALING_UP
ROSS_AML_WITH_MLL_FUSIONS, ROSS_AML_WITH_MLL_FUSIONS
BOSCO_TH1_CYTOTOXIC_MODULE, BOSCO_TH1_CYTOTOXIC_MODULE
WP_TGFBETA_SIGNALING_PATHWAY, WP_TGFBETA_SIGNALING_PATHWAY
APPEL_IMATINIB_RESPONSE, APPEL_IMATINIB_RESPONSE
KATSANOU_ELAVL1_TARGETS_UP, KATSANOU_ELAVL1_TARGETS_UP
DUNNE_TARGETS_OF_AML1_MTG8_FUSION_UP, DUNNE_TARGETS_OF_AML1_MTG8_FUSION_UP
CUI_GLUCOSE_DEPRIVATION, CUI_GLUCOSE_DEPRIVATION
BROWNE_INTERFERON_RESPONSIVE_GENES, BROWNE_INTERFERON_RESPONSIVE_GENES
DAVICIONI_MOLECULAR_ARMS_VS_ERMS_DN, DAVICIONI_MOLECULAR_ARMS_VS_ERMS_DN
GAVIN_FOXP3_TARGETS_CLUSTER_P3, GAVIN_FOXP3_TARGETS_CLUSTER_P3
SAGIV_CD24_TARGETS_DN, SAGIV_CD24_TARGETS_DN
PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_DN, PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD_DN
CASTELLANO_NRAS_TARGETS_UP, CASTELLANO_NRAS_TARGETS_UP
DER_IFN_ALPHA_RESPONSE_UP, DER_IFN_ALPHA_RESPONSE_UP
TSAI_RESPONSE_TO_RADIATION_THERAPY, TSAI_RESPONSE_TO_RADIATION_THERAPY
REACTOME_ACTIVATION_OF_MATRIX_METALLOPROTEINASES, REACTOME_ACTIVATION_OF_MATRIX_METALLOPROTEINASES
CHUNG_BLISTER_CYTOTOXICITY_UP, CHUNG_BLISTER_CYTOTOXICITY_UP
WP_EBOLA_VIRUS_PATHWAY_ON_HOST, WP_EBOLA_VIRUS_PATHWAY_ON_HOST
NAGASHIMA_NRG1_SIGNALING_UP, NAGASHIMA_NRG1_SIGNALING_UP
LIAN_NEUTROPHIL_GRANULE_CONSTITUENTS, LIAN_NEUTROPHIL_GRANULE_CONSTITUENTS
AFFAR_YY1_TARGETS_UP, AFFAR_YY1_TARGETS_UP
REACTOME_INTERFERON_ALPHA_BETA_SIGNALING, REACTOME_INTERFERON_ALPHA_BETA_SIGNALING
LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_UP, LI_WILMS_TUMOR_VS_FETAL_KIDNEY_1_UP
NEMETH_INFLAMMATORY_RESPONSE_LPS_UP, NEMETH_INFLAMMATORY_RESPONSE_LPS_UP
HELLEBREKERS_SILENCED_DURING_TUMOR_ANGIOGENESIS, HELLEBREKERS_SILENCED_DURING_TUMOR_ANGIOGENESIS
REACTOME_SMOOTH_MUSCLE_CONTRACTION, REACTOME_SMOOTH_MUSCLE_CONTRACTION
GILDEA_METASTASIS, GILDEA_METASTASIS
BOYLAN_MULTIPLE_MYELOMA_D_DN, BOYLAN_MULTIPLE_MYELOMA_D_DN
IZADPANAH_STEM_CELL_ADIPOSE_VS_BONE_UP, IZADPANAH_STEM_CELL_ADIPOSE_VS_BONE_UP
LANDIS_ERBB2_BREAST_TUMORS_65_UP, LANDIS_ERBB2_BREAST_TUMORS_65_UP
ALTEMEIER_RESPONSE_TO_LPS_WITH_MECHANICAL_VENTILATION, ALTEMEIER_RESPONSE_TO_LPS_WITH_MECHANICAL_VENTILATION
CHOW_RASSF1_TARGETS_DN, CHOW_RASSF1_TARGETS_DN
ADDYA_ERYTHROID_DIFFERENTIATION_BY_HEMIN, ADDYA_ERYTHROID_DIFFERENTIATION_BY_HEMIN
SALVADOR_MARTIN_PEDIATRIC_TBD_ANTI_TNF_THERAPY_NONRESPONDER_POST_TREATMENT_UP, SALVADOR_MARTIN_PEDIATRIC_TBD_ANTI_TNF_THERAPY_NONRESPONDER_POST_TR
WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION, WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION
WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP, WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP
CHIBA_RESPONSE_TO_TSA, CHIBA_RESPONSE_TO_TSA
LIU_VAV3_PROSTATE_CARCINOGENESIS_UP, LIU_VAV3_PROSTATE_CARCINOGENESIS_UP
HESS_TARGETS_OF_HOXA9_AND_MEIS1_DN, HESS_TARGETS_OF_HOXA9_AND_MEIS1_DN
BOSCO_INTERFERON_INDUCED_ANTIVIRAL_MODULE, BOSCO_INTERFERON_INDUCED_ANTIVIRAL_MODULE
WP_APOPTOSIS, WP_APOPTOSIS
REACTOME_INTEGRIN_CELL_SURFACE_INTERACTIONS, REACTOME_INTEGRIN_CELL_SURFACE_INTERACTIONS
LENAOUR_DENDRITIC_CELL_MATURATION_UP, LENAOUR_DENDRITIC_CELL_MATURATION_UP
KEGG_HYPERTROPHIC_CARDIOMYOPATHY_HCM, KEGG_HYPERTROPHIC_CARDIOMYOPATHY_HCM
FOSTER_TOLERANT_MACROPHAGE_UP, FOSTER_TOLERANT_MACROPHAGE_UP
EINAV_INTERFERON_SIGNATURE_IN_CANCER, EINAV_INTERFERON_SIGNATURE_IN_CANCER
HUANG_DASATINIB_SENSITIVITY_UP, HUANG_DASATINIB_SENSITIVITY_UP
HENDRICKS_SMARCA4_TARGETS_UP, HENDRICKS_SMARCA4_TARGETS_UP
PID_INTEGRIN_CS_PATHWAY, PID_INTEGRIN_CS_PATHWAY
SANA_TNF_SIGNALING_UP, SANA_TNF_SIGNALING_UP
KEGG_DILATED_CARDIOMYOPATHY, KEGG_DILATED_CARDIOMYOPATHY
YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_9, YAO_TEMPORAL_RESPONSE_TO_PROGESTERONE_CLUSTER_9
KASLER_HDAC7_TARGETS_2_DN, KASLER_HDAC7_TARGETS_2_DN
REACTOME_NON_INTEGRIN_MEMBRANE_ECM_INTERACTIONS, REACTOME_NON_INTEGRIN_MEMBRANE_ECM_INTERACTIONS
REACTOME_PLATELET_HOMEOSTASIS, REACTOME_PLATELET_HOMEOSTASIS
GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_GREY_DN, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_GREY_DN
CKLE_CELL_DISEASE_UP, JISON_SICKLE_CELL_DISEASE_UP
GAUSSMANN_MLL_AF4_FUSION_TARGETS_A_DN, GAUSSMANN_MLL_AF4_FUSION_TARGETS_A_DN
REACTOME_GROWTH_HORMONE_RECEPTOR_SIGNALING, REACTOME_GROWTH_HORMONE_RECEPTOR_SIGNALING
BOWIE_RESPONSE_TO_EXTRACELLULAR_MATRIX, BOWIE_RESPONSE_TO_EXTRACELLULAR_MATRIX
FLECHNER_PBL_KIDNEY_TRANSPLANT_OK_VS_DONOR_DN, FLECHNER_PBL_KIDNEY_TRANSPLANT_OK_VS_DONOR_DN
SUH_COEXPRESSED_WITH_ID1_AND_ID2_UP, SUH_COEXPRESSED_WITH_ID1_AND_ID2_UP
PID_S1P_S1P3_PATHWAY, PID_S1P_S1P3_PATHWAY
BASSO_HAIRY_CELL_LEUKEMIA_UP, BASSO_HAIRY_CELL_LEUKEMIA_UP
NAKAJIMA_MAST_CELL, NAKAJIMA_MAST_CELL
DER_IFN_GAMMA_RESPONSE_UP, DER_IFN_GAMMA_RESPONSE_UP
WP_KIT_RECEPTOR_SIGNALING_PATHWAY, WP_KIT_RECEPTOR_SIGNALING_PATHWAY
REACTOME_ANTIGEN_PRESENTATION_FOLDING_ASSEMBLY_AND_PEPTIDE_LOADING_OF_CLASS_I_MHC, REACTOME_ANTIGEN_PRESENTATION_FOLDING_ASSEMBLY_AND_PEPTIDE_LOAD
KRIGE_AMINO_ACID_DEPRIVATION, KRIGE_AMINO_ACID_DEPRIVATION
DARWICHE_SQUAMOUS_CELL_CARCINOMA_UP, DARWICHE_SQUAMOUS_CELL_CARCINOMA_UP
DAUER_STAT3_TARGETS_DN, DAUER_STAT3_TARGETS_DN
ZHAN_MULTIPLE_MYELOMA_LB_DN, ZHAN_MULTIPLE_MYELOMA_LB_DN
REACTOME_ENDOSOMAL_VACUOLAR_PATHWAY, REACTOME_ENDOSOMAL_VACUOLAR_PATHWAY
HAHTOLA_MYCOSIS_FUNGOIDES_CD4_UP, HAHTOLA_MYCOSIS_FUNGOIDES_CD4_UP
WP_THE_HUMAN_IMMUNE_RESPONSE_TO_TUBERCULOSIS, WP_THE_HUMAN_IMMUNE_RESPONSE_TO_TUBERCULOSIS
BURTON_ADIPOGENESIS_8, BURTON_ADIPOGENESIS_8
WP_TYPE_II_INTERFERON_SIGNALING_IFNG, WP_TYPE_II_INTERFERON_SIGNALING_IFNG
PID_SYNDECAN_4_PATHWAY, PID_SYNDECAN_4_PATHWAY
BROWNE_HCMV_INFECTION_20HR_DN, BROWNE_HCMV_INFECTION_20HR_DN
WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER, WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER
LINDSTEDT_DENDRITIC_CELL_MATURATION_B, LINDSTEDT_DENDRITIC_CELL_MATURATION_B
BOWIE_RESPONSE_TO_TAMOXIFEN, BOWIE_RESPONSE_TO_TAMOXIFEN
ONDER_CDH1_SIGNALING_VIA_CTNNB1, ONDER_CDH1_SIGNALING_VIA_CTNNB1
KIM_WT1_TARGETS_12HR_UP, KIM_WT1_TARGETS_12HR_UP
WP_NRF2ARE_REGULATION, WP_NRF2ARE_REGULATION
WP_PANCREATIC_ADENOCARCINOMA_PATHWAY, WP_PANCREATIC_ADENOCARCINOMA_PATHWAY
REACTOME_MOLECULES_ASSOCIATED_WITH_ELASTIC_FIBRES, REACTOME_MOLECULES_ASSOCIATED_WITH_ELASTIC_FIBRES
REACTOME_FORMATION_OF_SENESCENCE_ASSOCIATED_HETEROCHROMATIN_FOCI_SAHF, REACTOME_FORMATION_OF_SENESCENCE_ASSOCIATED_HETEROCHROMATIN_FOCI_SAHF
BOYAULT_LIVER_CANCER_SUBCLASS_G5_DN, BOYAULT_LIVER_CANCER_SUBCLASS_G5_DN
BLANCO_MELO_BRONCHIAL_EPITHELIAL_CELLS_INFLUENZA_A_INFECTION_UP, BLANCO_MELO_BRONCHIAL_EPITHELIAL_CELLS_INFLUENZA_A_INFECTION_UP
PID_IL23_PATHWAY, PID_IL23_PATHWAY
REACTOME_SIGNAL_TRANSDUCTION_BY_L1, REACTOME_SIGNAL_TRANSDUCTION_BY_L1
FRIDMAN_SENESCENCE_UP, FRIDMAN_SENESCENCE_UP
ZHONG_SECRETOME_OF_LUNG_CANCER_AND_ENDOTHELIUM, ZHONG_SECRETOME_OF_LUNG_CANCER_AND_ENDOTHELIUM
REACTOME_ECM_PROTEOGLYCANS, REACTOME_ECM_PROTEOGLYCANS
XU_HGF_TARGETS_INDUCED_BY_AKT1_6HR, XU_HGF_TARGETS_INDUCED_BY_AKT1_6HR
PID_P38_ALPHA_BETA_DOWNSTREAM_PATHWAY, PID_P38_ALPHA_BETA_DOWNSTREAM_PATHWAY
WP_CALCIUM_REGULATION_IN_THE_CARDIAC_CELL, WP_CALCIUM_REGULATION_IN_THE_CARDIAC_CELL
NATSUME_RESPONSE_TO_INTERFERON_BETA_UP, NATSUME_RESPONSE_TO_INTERFERON_BETA_UP
SASAI_RESISTANCE_TO_NEOPLASTIC_TRANSFROMATION, SASAI_RESISTANCE_TO_NEOPLASTIC_TRANSFROMATION
PID_CASPASE_PATHWAY, PID_CASPASE_PATHWAY
FRASOR_RESPONSE_TO_ESTRADIOL_DN, FRASOR_RESPONSE_TO_ESTRADIOL_DN
YAN_ESCAPE_FROM_ANOIKIS, YAN_ESCAPE_FROM_ANOIKIS
BRUECKNER_TARGETS_OF_MIRLET7A3_DN, BRUECKNER_TARGETS_OF_MIRLET7A3_DN
MANNE_COVID19_COMBINED_COHORT_VS_HEALTHY_DONOR_PLATELETS_UP, MANNE_COVID19_COMBINED_COHORT_VS_HEALTHY_DONOR_PLATELETS_UP
KEGG_FOCAL_ADHESION, KEGG_FOCAL_ADHESION
WENG_POR_DOSAGE, WENG_POR_DOSAGE
VARELA_ZMPSTE24_TARGETS_UP, VARELA_ZMPSTE24_TARGETS_UP
ZHANG_INTERFERON_RESPONSE, ZHANG_INTERFERON_RESPONSE
SEITZ_NEOPLASTIC_TRANSFORMATION_BY_8P_DELETION_UP, SEITZ_NEOPLASTIC_TRANSFORMATION_BY_8P_DELETION_UP
KRASNOSELSKAYA_ILF3_TARGETS_UP, KRASNOSELSKAYA_ILF3_TARGETS_UP
CROONQUIST_NRAS_SIGNALING_UP, CROONQUIST_NRAS_SIGNALING_UP
WP_RANKLRANK_RECEPTOR_ACTIVATOR_OF_NFKB_LIGAND_SIGNALING_PATHWAY, WP_RANKLRANK_RECEPTOR_ACTIVATOR_OF_NFKB_LIGAND_SIGNALING_PATHWAY
REACTOME_DETOXIFICATION_OF_REACTIVE_OXYGEN_SPECIES, REACTOME_DETOXIFICATION_OF_REACTIVE_OXYGEN_SPECIES
GERY_CEBP_TARGETS, GERY_CEBP_TARGETS
GOLUB_ALL_VS_AML_DN, GOLUB_ALL_VS_AML_DN
REACTOME_ELASTIC_FIBRE_FORMATION, REACTOME_ELASTIC_FIBRE_FORMATION
KEGG_PROXIMAL_TUBULE_BICARBONATE_RECLAMATION, KEGG_PROXIMAL_TUBULE_BICARBONATE_RECLAMATION
PARK_TRETINOIN_RESPONSE_AND_RARA_PLZF_FUSION, PARK_TRETINOIN_RESPONSE_AND_RARA_PLZF_FUSION
NGO_MALIGNANT_GLIOMA_1P_LOH, NGO_MALIGNANT_GLIOMA_1P_LOH
WP_PROSTAGLANDIN_SYNTHESIS_AND_REGULATION, WP_PROSTAGLANDIN_SYNTHESIS_AND_REGULATION
KANNAN_TP53_TARGETS_UP, KANNAN_TP53_TARGETS_UP
WP_PRIMARY_FOCAL_SEGMENTAL_GLOMERULOSCLEROSIS_FSGS, WP_PRIMARY_FOCAL_SEGMENTAL_GLOMERULOSCLEROSIS_FSGS
REACTOME_ROS_AND_RNS_PRODUCTION_IN_PHAGOCYTES, REACTOME_ROS_AND_RNS_PRODUCTION_IN_PHAGOCYTES
CHUANG_OXIDATIVE_STRESS_RESPONSE_UP, CHUANG_OXIDATIVE_STRESS_RESPONSE_UP
WP_IMATINIB_AND_CHRONIC_MYELOID_LEUKEMIA, WP_IMATINIB_AND_CHRONIC_MYELOID_LEUKEMIA
RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP, RORIE_TARGETS_OF_EWSR1_FLI1_FUSION_UP
ZHAN_V1_LATE_DIFFERENTIATION_GENES_UP, ZHAN_V1_LATE_DIFFERENTIATION_GENES_UP
HOOI_ST7_TARGETS_UP, HOOI_ST7_TARGETS_UP
MARSON_FOXP3_CORE_DIRECT_TARGETS, MARSON_FOXP3_CORE_DIRECT_TARGETS
MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN, MCBRYAN_PUBERTAL_TGFB1_TARGETS_DN
DELLA_RESPONSE_TO_TSA_AND_BUTYRATE, DELLA_RESPONSE_TO_TSA_AND_BUTYRATE
HERNANDEZ_ABERRANT_MITOSIS_BY_DOCETACEL_2NM_UP, HERNANDEZ_ABERRANT_MITOSIS_BY_DOCETACEL_2NM_UP
KRIEG_HYPOXIA_VIA_KDM3A, KRIEG_HYPOXIA_VIA_KDM3A
IIZUKA_LIVER_CANCER_PROGRESSION_L1_G1_UP, IIZUKA_LIVER_CANCER_PROGRESSION_L1_G1_UP
ABBUD_LIF_SIGNALING_1_UP, ABBUD_LIF_SIGNALING_1_UP
DELASERNA_MYOD_TARGETS_DN, DELASERNA_MYOD_TARGETS_DN
PID_INTEGRIN3_PATHWAY, PID_INTEGRIN3_PATHWAY
PID_KIT_PATHWAY, PID_KIT_PATHWAY
PID_INTEGRIN5_PATHWAY, PID_INTEGRIN5_PATHWAY
WP_PHYTOCHEMICAL_ACTIVITY_ON_NRF2_TRANSCRIPTIONAL_ACTIVATION, WP_PHYTOCHEMICAL_ACTIVITY_ON_NRF2_TRANSCRIPTIONAL_ACTIVATION
EHRLICH_ICF_SYNDROM_UP, EHRLICH_ICF_SYNDROM_UP
RUAN_RESPONSE_TO_TNF_TROGLITAZONE_UP, RUAN_RESPONSE_TO_TNF_TROGLITAZONE_UP
WP_LUNG_FIBROSIS, WP_LUNG_FIBROSIS
HOEGERKORP_CD44_TARGETS_DIRECT_UP, HOEGERKORP_CD44_TARGETS_DIRECT_UP