```
GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP, GSE46606_IRF4HIGH_VS_WT_CD40L_IL2_IL5_DAY1_STIMULATED_BCELL_UP
                                                                                                     GSE24726_WT_VS_E2_2_KO_PDC_UP, GSE24726_WT_VS_E2_2_KO_PDC_UP
                                                                                                     GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_UP, GSE25085_FETAL_LIVER_VS_FETAL_BM_SP4_THYMIC_IMPLANT_UP
                                                                                                     GSE32986 CURDLAN HIGHDOSE VS GMCSF AND CURDLAN HIGHDOSE STIM DC UP, GSE32986 CURDLAN HIGHDOSE VS GMCSF AND CURDLAN HIGHDOSE STIM DC UP
                                                                                                     GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP, GSE35685_CD34POS_CD10NEG_CD62LPOS_VS_CD34POS_CD10POS_BONE_MARROW_UP
                                                                                                     GSE39864_WT_VS_GATA3_KO_TREG_DN, GSE39864_WT_VS_GATA3_KO_TREG_DN
                                                                                                     GSE19923_WT_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP, GSE19923_WT_VS_HEB_AND_E2A_KO_DP_THYMOCYTE_UP
                                                                                                     GSE24292_WT_VS_PPARG_KO_MACROPHAGE_DN, GSE24292_WT_VS_PPARG_KO_MACROPHAGE_DN
                                                                                                     GSE22935_UNSTIM_VS_12H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN, GSE22935_UNSTIM_VS_12H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN
                                                                                                     E2F1_UP.V1_UP, E2F1_UP.V1_UP
                                                                                                     GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP, GSE46606_IRF4_KO_VS_WT_UNSTIM_BCELL_UP
                                                                                                     GSE24726_WT_VS_E2_2_KO_PDC_DAY6_POST_DELETION_DN, GSE24726_WT_VS_E2_2_KO_PDC_DAY6_POST_DELETION_DN
                                                                                                     GSE9650 NAIVE VS EFF CD8 TCELL DN, GSE9650 NAIVE VS EFF CD8 TCELL DN
                                                                                                     GSE23568_ID3_KO_VS_WT_CD8_TCELL_DN, GSE23568_ID3_KO_VS_WT_CD8_TCELL_DN
                                                                                                     GSE37301_PRO_BCELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_PRO_BCELL_VS_RAG2_KO_NK_CELL_DN
                                                                                                     GSE33424_CD161_HIGH_VS_NEG_CD8_TCELL_UP, GSE33424_CD161_HIGH_VS_NEG_CD8_TCELL_UP
                                                                                                     MIR4423_3P, MIR4423_3P
                                                                                                     GSE36891_POLYIC_TLR3_VS_PAM_TLR2_STIM_PERITONEAL_MACROPHAGE_DN, GSE36891_POLYIC_TLR3_VS_PAM_TLR2_STIM_PERITONEAL_MACROPHAGE_DN
                                                                                                     GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_UP, GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_UP
                                                                                                     GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_TGFB_TREATED_CD4_TCELL_UP
                                                                                                     RICKMAN_TUMOR_DIFFERENTIATED_WELL_VS_MODERATELY_UP, RICKMAN_TUMOR_DIFFERENTIATED_WELL_VS_MODERATELY_UP
                                                                                                     RB DN.V1 UP, RB DN.V1 UP
                                                                                                     MODULE_567, MODULE_567
                                                                                                     PID_FANCONI_PATHWAY, PID_FANCONI_PATHWAY
                                                                                                     GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_30H_ACT_CD4_TCELL_DN
                                                                                                     GOBP_BASE_EXCISION_REPAIR, GOBP_BASE_EXCISION_REPAIR
                                                                                                     GSE17721 LPS VS PAM3CSK4 0.5H BMDC DN, GSE17721 LPS VS PAM3CSK4 0.5H BMDC DN
                                                                                                     MIR4784, MIR4784
                                                                                                     GOBP_BLASTOCYST_DEVELOPMENT, GOBP_BLASTOCYST_DEVELOPMENT
                                                                                                     GOMF_GDP_BINDING, GOMF_GDP_BINDING
                                                                                                     MIR3150B_3P, MIR3150B_3P
                                                                                                     REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA, REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA
                                                                                                     WCTCNATGGY_UNKNOWN, WCTCNATGGY_UNKNOWN
                                                                                                     HP_SUBMUCOUS_CLEFT_OF_SOFT_AND_HARD_PALATE, HP_SUBMUCOUS_CLEFT_OF_SOFT_AND_HARD_PALATE
                                                                                                     GSE16385 ROSIGLITAZONE ILA VS ROSIGLITAZONE ALONE STIM MACROPHAGE UP, GSE16385 ROSIGLITAZONE ILA VS ROSIGLITAZONE ALONE STIM MACROPHAGE UP
                                                                                                     HP_OPISTHOTONUS, HP_OPISTHOTONUS
                                                                                                     HP_ADENOCARCINOMA_OF_THE_INTESTINES, HP_ADENOCARCINOMA_OF_THE_INTESTINES
                                                                                                     GSE13522_WT_VS_IFNG_KO_SKING_T_CRUZI_Y_STRAIN_INF_DN, GSE13522_WT_VS_IFNG_KO_SKING_T_CRUZI_Y_STRAIN_INF_DN
                                                                                                     GSE39152_SPLEEN_CD103_NEG_VS_BRAIN_CD103_POS_MEMORY_CD8_TCELL_DN, GSE39152_SPLEEN_CD103_NEG_VS_BRAIN_CD103_POS_MEMORY_CD8_TCELL_DN
                                                                                                     MIR4445_5P, MIR4445_5P
                                                                                                     GSE7460_FOXP3_MUT_VS_HET_ACT_TCONV_DN, GSE7460_FOXP3_MUT_VS_HET_ACT_TCONV_DN
                                                                                                     HP_FOCAL_MOTOR_SEIZURE, HP_FOCAL_MOTOR_SEIZURE
                                                                                                     HP_ADENOCARCINOMA_OF_THE_LARGE_INTESTINE, HP_ADENOCARCINOMA_OF_THE_LARGE_INTESTINE
                                                                                                     GOBP_MITOTIC_G2_M_TRANSITION_CHECKPOINT, GOBP_MITOTIC_G2_M_TRANSITION_CHECKPOINT
                                                                                                     GSE3994 WT_VS_PAC1_KO_ACTIVATED_MAST_CELL_UP, GSE3994 WT_VS_PAC1_KO_ACTIVATED_MAST_CELL_UP
                                                                                                     ATAACCT_MIR154, ATAACCT_MIR154
                                                                                                     LEE_CALORIE_RESTRICTION_MUSCLE_DN, LEE_CALORIE_RESTRICTION_MUSCLE_DN
                                                                                                     HP_TRUNCAL_ATAXIA, HP_TRUNCAL_ATAXIA
                                                                                                     HP_THICKENED_HELICES, HP_THICKENED_HELICES
                                                                                                     BIOCARTA_CALCINEURIN_PATHWAY, BIOCARTA_CALCINEURIN_PATHWAY
                                                                                                     WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_AUTOPHAGY, WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONA_VIRUSES_AUTOPHAGY
                                                                                                     HP_MALIGNANT_GENITOURINARY_TRACT_TUMOR, HP_MALIGNANT_GENITOURINARY_TRACT_TUMOR
                                                                                                     BIOCARTA_MEF2D_PATHWAY, BIOCARTA_MEF2D_PATHWAY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_CHROMOSOME_SEPARATION, GOBP_POSITIVE_REGULATION_OF_CHROMOSOME_SEPARATION
                                                                                                     AKL_HTLV1_INFECTION_DN, AKL_HTLV1_INFECTION_DN
                                                                                                     GOMF_ACETYLGLUCOSAMINYLTRANSFERASE_ACTIVITY, GOMF_ACETYLGLUCOSAMINYLTRANSFERASE_ACTIVITY
                                                                                                     CHEN_LVAD_SUPPORT_OF_FAILING_HEART_DN, CHEN_LVAD_SUPPORT_OF_FAILING_HEART_DN
                                                                                                     HP_FOCAL_EMOTIONAL_SEIZURE, HP_FOCAL_EMOTIONAL_SEIZURE
                                                                                                     HP_CENTRALLY_NUCLEATED_SKELETAL_MUSCLE_FIBERS, HP_CENTRALLY_NUCLEATED_SKELETAL_MUSCLE_FIBERS
                                                                                                     MIR4777_3P, MIR4777_3P
                                                                                                     HP_TYPICAL_ABSENCE_SEIZURE, HP_TYPICAL_ABSENCE_SEIZURE
                                                                                                     HP_BIRTH_LENGTH_LESS_THAN_3RD_PERCENTILE, HP_BIRTH_LENGTH_LESS_THAN_3RD_PERCENTILE
                                                                                                     GSE24210_IL35_TREATED_VS_RESTING_TREG_DN, GSE24210_IL35_TREATED_VS_RESTING_TREG_DN
                                                                                                     GOBP_MATURATION_OF_LSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA, GOBP_MATURATION_OF_LSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_R
                                                                                                     GOBP_POSITIVE_REGULATION_OF_METAPHASE_ANAPHASE_TRANSITION_OF_CELL_CYCLE, GOBP_POSITIVE_REGULATION_OF_METAPHASE_ANAPHASE_TRANSITION_OF_CELL_CYCLE
                                                                                                     WP_MITOCHONDRIAL_GENE_EXPRESSION, WP_MITOCHONDRIAL_GENE_EXPRESSION
                                                                                                     HP_EYELID_MYOCLONUS, HP_EYELID_MYOCLONUS
                                                                                                     GOBP_B_CELL_APOPTOTIC_PROCESS, GOBP_B_CELL_APOPTOTIC_PROCESS
                                                                                                     SHETH_LIVER_CANCER_VS_TXNIP_LOSS_PAM6, SHETH_LIVER_CANCER_VS_TXNIP_LOSS_PAM6
                                                                                                     CHEOK_RESPONSE_TO_MERCAPTOPURINE_AND_LD_MTX_DN, CHEOK_RESPONSE_TO_MERCAPTOPURINE_AND_LD_MTX_DN
                                                                                                     HP_RETICULOCYTOPENIA, HP_RETICULOCYTOPENIA
                                                                                                     ONO_AML1_TARGETS_DN, ONO_AML1_TARGETS_DN
                                                                                                     HP_FOCAL_NON_MOTOR_SEIZURE, HP_FOCAL_NON_MOTOR_SEIZURE
                                                                                                     GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_APOPTOTIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_APOPTOTIC_PROCESS
                                                                                                     HP_ABNORMAL_URINE_CARBOHYDRATE_LEVEL, HP_ABNORMAL_URINE_CARBOHYDRATE_LEVEL
                                                                                                     GOBP_HYPEROSMOTIC_RESPONSE, GOBP_HYPEROSMOTIC_RESPONSE
                                                                                                     GSE13762_CTRL_VS_125_VITAMIND_DAY5_DC_DN, GSE13762_CTRL_VS_125_VITAMIND_DAY5_DC_DN
                                                                                                     GOBP REGULATION OF LYMPHOCYTE APOPTOTIC PROCESS, GOBP REGULATION OF LYMPHOCYTE APOPTOTIC PROCESS
                                                                                                     WP_GLYCEROLIPIDS_AND_GLYCEROPHOSPHOLIPIDS, WP_GLYCEROLIPIDS_AND_GLYCEROPHOSPHOLIPIDS
                                                                                                     GOMF_5_3_EXONUCLEASE_ACTIVITY, GOMF_5_3_EXONUCLEASE_ACTIVITY
                                                                                                     HP_CLITORAL_HYPOPLASIA, HP_CLITORAL_HYPOPLASIA
                                                                                                     GOMF_ANNEALING_ACTIVITY, GOMF_ANNEALING_ACTIVITY
                                                                                                     KEGG_NON_HOMOLOGOUS_END_JOINING, KEGG_NON_HOMOLOGOUS_END_JOINING
                                                                                                     HP_PARTIAL_DUPLICATION_OF_THE_PHALANX_OF_HAND, HP_PARTIAL_DUPLICATION_OF_THE_PHALANX_OF_HAND
                                                                                                     HP APLASTIC CLAVICLE, HP APLASTIC CLAVICLE
                                                                                                     HP_HYPOPLASTIC_LABIA_MINORA, HP_HYPOPLASTIC_LABIA_MINORA
                                                                                                     HP_METAPHYSEAL_IRREGULARITY, HP_METAPHYSEAL_IRREGULARITY
                                                                                                     GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION, GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION
                                                                                                     GSE9946 LISTERIA INF MATURE VS PROSTAGLANDINE2 TREATED MATURE DC DN, GSE9946 LISTERIA INF MATURE VS PROSTAGLANDINE2 TREATED MATURE DC DN
                                                                                                     chr9p24, chr9p24
                                                                                                    HP_PREMATURE_THELARCHE, HP_PREMATURE_THELARCHE
                                                                                                     CARDOSO_RESPONSE_TO_GAMMA_RADIATION_AND_3AB, CARDOSO_RESPONSE_TO_GAMMA_RADIATION_AND_3AB
                                                                                                     GOBP_RESPONSE_TO_HYDROPEROXIDE, GOBP_RESPONSE_TO_HYDROPEROXIDE
                                                                                                     REACTOME_HDR_THROUGH_MMEJ_ALT_NHEJ, REACTOME_HDR_THROUGH_MMEJ_ALT_NHEJ
                                                                                                     GOBP_REGULATION_OF_B_CELL_APOPTOTIC_PROCESS, GOBP_REGULATION_OF_B_CELL_APOPTOTIC_PROCESS
                                                                                                    HP_ABNORMAL_GREATER_SCIATIC_NOTCH_MORPHOLOGY, HP_ABNORMAL_GREATER_SCIATIC_NOTCH_MORPHOLOGY
                                                                                                    HP_APLASIA_HYPOPLASIA_OF_THE_TIBIA, HP_APLASIA_HYPOPLASIA_OF_THE_TIBIA
                                                                                                     GOBP_MITOTIC_G2_DNA_DAMAGE_CHECKPOINT, GOBP_MITOTIC_G2_DNA_DAMAGE_CHECKPOINT
                                                                                                     GOCC_ALVEOLAR_LAMELLAR_BODY, GOCC_ALVEOLAR_LAMELLAR_BODY
                                                                                                     MODULE 375, MODULE 375
                                                                                                     GOBP_BASE_EXCISION_REPAIR_AP_SITE_FORMATION, GOBP_BASE_EXCISION_REPAIR_AP_SITE_FORMATION
                                                                                                     GOMF_CYTIDYLYLTRANSFERASE_ACTIVITY, GOMF_CYTIDYLYLTRANSFERASE_ACTIVITY
                                                                                                     HP BREAST APLASIA, HP BREAST APLASIA
                                                                                                     NOUSHMEHR_GBM_GERMLINE_MUTATED, NOUSHMEHR_GBM_GERMLINE_MUTATED
                                                                                                     GOBP POSITIVE REGULATION OF MITOTIC NUCLEAR DIVISION, GOBP POSITIVE REGULATION OF MITOTIC NUCLEAR DIVISION
                                                                                                     HP_ACROCYANOSIS, HP_ACROCYANOSIS
                                                                                                     GOBP_GLUCOSAMINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS, GOBP_GLUCOSAMINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS
                                                                                                     HP_MOVEMENT_ABNORMALITY_OF_THE_TONGUE, HP_MOVEMENT_ABNORMALITY_OF_THE_TONGUE
                                                                                                     GOCC_MULTIVESICULAR_BODY_LUMEN, GOCC_MULTIVESICULAR_BODY_LUMEN
                                                                                                     HP_Y_SHAPED_METACARPALS, HP_Y_SHAPED_METACARPALS
                                                                                                     HP RECURRENT BACTERIAL SKIN INFECTIONS, HP RECURRENT BACTERIAL SKIN INFECTIONS
                                                                                                     WP_SULINDAC_METABOLIC_PATHWAY, WP_SULINDAC_METABOLIC_PATHWAY
LKO_PDC_DAY6_POST_DELETION_UP, GSE24726_WT_VS_E2_2_KO_PDC_DAY6_POST_DELETION_UP
                                                                                                     HP_HYPERMETHIONINEMIA, HP_HYPERMETHIONINEMIA
                                                                                                     HP APLASIA HYPOPLASIA OF THE BREASTS, HP APLASIA HYPOPLASIA OF THE BREASTS
                                                                                                     GOBP_REGULATION_OF_VESICLE_FUSION, GOBP_REGULATION_OF_VESICLE_FUSION
                                                                                                     HP_ABNORMALITY_OF_CARTILAGE_OF_EXTERNAL_EAR, HP_ABNORMALITY_OF_CARTILAGE_OF_EXTERNAL_EAR
                                                                                                     GOCC_FACIT_COLLAGEN_TRIMER, GOCC_FACIT_COLLAGEN_TRIMER
                                                                                                     MIR4321, MIR4321
                                                                                                     GOBP_DNA_REPLICATION_SYNTHESIS_OF_RNA_PRIMER, GOBP_DNA_REPLICATION_SYNTHESIS_OF_RNA_PRIMER
                                                                                                     KANG_CISPLATIN_RESISTANCE_DN, KANG_CISPLATIN_RESISTANCE_DN
                                                                                                     HP_SMALL_CEREBRAL_CORTEX, HP_SMALL_CEREBRAL_CORTEX
                                                                                                     GOBP_POSITIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION, GOBP_POSITIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION
                                                                                                     WP_OXIDATIVE_STRESS, WP_OXIDATIVE_STRESS
                                                                                                     GOMF_CYCLOSPORIN_A_BINDING, GOMF_CYCLOSPORIN_A_BINDING
                                                                                                     HP_CENTRAL_Y_SHAPED_METACARPAL, HP_CENTRAL_Y_SHAPED_METACARPAL
                                                                                                     HP_HYPOPLASIA_OF_OLFACTORY_TRACT, HP_HYPOPLASIA_OF_OLFACTORY_TRACT
                                                                                                     HP_DELAYED_MENARCHE, HP_DELAYED_MENARCHE
                                                                                                     GOBP_POSITIVE_REGULATION_OF_AXON_EXTENSION_INVOLVED_IN_AXON_GUIDANCE, GOBP_POSITIVE_REGULATION_OF_AXON_EXTENSION_INVOLVED_IN_AXON_GUIDANCE
                                                                                                     GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS, GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS
                                                                                                     MODULE_289, MODULE_289
                                                                                                     HP_LOBULATED_TONGUE, HP_LOBULATED_TONGUE
                                                                                                     GOBP_POSITIVE_REGULATION_OF_T_CELL_MIGRATION, GOBP_POSITIVE_REGULATION_OF_T_CELL_MIGRATION
                                                                                                     GOCC_LATE_ENDOSOME_LUMEN, GOCC_LATE_ENDOSOME_LUMEN
                                                                                                     MIR1273C, MIR1273C
                                                                                                     FRASOR_TAMOXIFEN_RESPONSE_DN, FRASOR_TAMOXIFEN_RESPONSE_DN
                                                                                                     HP_POLYCLONAL_ELEVATION_OF_IGM, HP_POLYCLONAL_ELEVATION_OF_IGM
                                                                                                     HP_OVERHANGING_NASAL_TIP, HP_OVERHANGING_NASAL_TIP
                                                                                                     HP_BIFID_NOSE, HP_BIFID_NOSE
                                                                                                     GOBP_REGULATION_OF_T_CELL_MIGRATION, GOBP_REGULATION_OF_T_CELL_MIGRATION
                                                                                                     GOBP_IMMUNOLOGICAL_SYNAPSE_FORMATION, GOBP_IMMUNOLOGICAL_SYNAPSE_FORMATION
                                                                                                     GCM_PTPRU, GCM_PTPRU
                                                                                                     PID_VEGF_VEGFR_PATHWAY, PID_VEGF_VEGFR_PATHWAY
                                                                                                     GOMF_SUPEROXIDE_GENERATING_NADPH_OXIDASE_ACTIVATOR_ACTIVITY, GOMF_SUPEROXIDE_GENERATING_NADPH_OXIDASE_ACTIVATOR_ACTIVITY
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REACTOME\_APEX1\_INDEPENDENT\_RESOLUTION\_OF\_AP\_SITES\_VIA\_THE\_SINGLE\_NUCLEOTIDE\_REPLACEMENT\_PATHWAY, REACTOME\_APEX1\_INDEPENDENT\_PATHWAY, REACTOME\_APEX1\_INDEPENDENT\_PA GOBP\_NUCLEOSIDE\_DIPHOSPHATE\_CATABOLIC\_PROCESS, GOBP\_NUCLEOSIDE\_DIPHOSPHATE\_CATABOLIC\_PROCESS HP\_HYPOTHALAMIC\_HAMARTOMA, HP\_HYPOTHALAMIC\_HAMARTOMA GOBP\_N\_ACETYLNEURAMINATE\_CATABOLIC\_PROCESS, GOBP\_N\_ACETYLNEURAMINATE\_CATABOLIC\_PROCESS HP\_DECREASED\_HIP\_ABDUCTION, HP\_DECREASED\_HIP\_ABDUCTION HP\_MACULAR\_ATROPHY, HP\_MACULAR\_ATROPHY GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMC\_DN, GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMC\_DN GOBP\_AXONOGENESIS\_INVOLVED\_IN\_INNERVATION, GOBP\_AXONOGENESIS\_INVOLVED\_IN\_INNERVATION HP\_ASTERIXIS, HP\_ASTERIXIS GOBP\_DNA\_LIGATION\_INVOLVED\_IN\_DNA\_REPAIR, GOBP\_DNA\_LIGATION\_INVOLVED\_IN\_DNA\_REPAIR GOCC\_ALPHA\_DNA\_POLYMERASE\_PRIMASE\_COMPLEX, GOCC\_ALPHA\_DNA\_POLYMERASE\_PRIMASE\_COMPLEX GOCC\_AP\_4\_ADAPTOR\_COMPLEX, GOCC\_AP\_4\_ADAPTOR\_COMPLEX HP\_ABNORMALITY\_OF\_THE\_CRUS\_OF\_THE\_HELIX, HP\_ABNORMALITY\_OF\_THE\_CRUS\_OF\_THE\_HELIX GOBP\_PENETRATION\_OF\_ZONA\_PELLUCIDA, GOBP\_PENETRATION\_OF\_ZONA\_PELLUCIDA GOBP\_POSITIVE\_REGULATION\_OF\_RECEPTOR\_SIGNALING\_PATHWAY\_VIA\_STAT, GOBP\_POSITIVE\_REGULATION\_OF\_RECEPTOR\_SIGNALING\_PATHWAY\_VIA\_STAT GSE11367\_CTRL\_VS\_IL17\_TREATED\_SMOOTH\_MUSCLE\_CELL\_UP, GSE11367\_CTRL\_VS\_IL17\_TREATED\_SMOOTH\_MUSCLE\_CELL\_UP GOBP\_LONG\_CHAIN\_FATTY\_ACID\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE, GOBP\_LONG\_CHAIN\_FATTY\_ACID\_IMPORT\_ACROSS\_PLASMA\_MEMBRANE HP\_TRACHEAL\_STENOSIS, HP\_TRACHEAL\_STENOSIS GOBP\_OSTEOCLAST\_FUSION, GOBP\_OSTEOCLAST\_FUSION HP BIFID UTERUS, HP BIFID UTERUS GOMF\_HMG\_BOX\_DOMAIN\_BINDING, GOMF\_HMG\_BOX\_DOMAIN\_BINDING ZHANG GATA6 TARGETS UP, ZHANG GATA6 TARGETS UP CAR\_TNFRSF25, CAR\_TNFRSF25 LIU\_TARGETS\_OF\_VMYB\_VS\_CMYB\_UP, LIU\_TARGETS\_OF\_VMYB\_VS\_CMYB\_UP WP\_TCELL\_RECEPTOR\_AND\_COSTIMULATORY\_SIGNALING, WP\_TCELL\_RECEPTOR\_AND\_COSTIMULATORY\_SIGNALING GOCC\_FILTRATION\_DIAPHRAGM, GOCC\_FILTRATION\_DIAPHRAGM

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GOBP POSITIVE REGULATION OF CARDIAC MUSCLE ADAPTATION, GOBP POSITIVE REGULATION OF CARDIAC MUSCLE ADAPTATION
GOMF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY, GOMF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY
GOBP_HISTAMINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE, GOBP_HISTAMINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE
HP_ABNORMALITY_OF_THE_DENTATE_NUCLEUS, HP_ABNORMALITY_OF_THE_DENTATE_NUCLEUS
HP_MONOCHROMACY, HP_MONOCHROMACY
HP_RECURRENT_ENTEROVIRAL_INFECTIONS, HP_RECURRENT_ENTEROVIRAL_INFECTIONS
GOBP_REGULATION_OF_RETINAL_GANGLION_CELL_AXON_GUIDANCE, GOBP_REGULATION_OF_RETINAL_GANGLION_CELL_AXON_GUIDANCE
GOMF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_BINDING, GOMF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_BINDING
GOBP_ASPARAGINE_METABOLIC_PROCESS, GOBP_ASPARAGINE_METABOLIC_PROCESS
GOBP_POLYPHOSPHATE_CATABOLIC_PROCESS, GOBP_POLYPHOSPHATE_CATABOLIC_PROCESS
GOBP_NEGATIVE_REGULATION_OF_NLRP3_INFLAMMASOME_COMPLEX_ASSEMBLY, GOBP_NEGATIVE_REGULATION_OF_NLRP3_INFLAMMASOME_COMPLEX_ASSEMBLY
GOMF_EXOPOLYPHOSPHATASE_ACTIVITY, GOMF_EXOPOLYPHOSPHATASE_ACTIVITY
HP_NEOPLASM_OF_THE_GALLBLADDER, HP_NEOPLASM_OF_THE_GALLBLADDER
GOBP_CORTICOSTERONE_SECRETION, GOBP_CORTICOSTERONE_SECRETION
REACTOME_SIGNALLING_TO_P38_VIA_RIT_AND_RIN, REACTOME_SIGNALLING_TO_P38_VIA_RIT_AND_RIN
GOBP_MULTINUCLEAR_OSTEOCLAST_DIFFERENTIATION, GOBP_MULTINUCLEAR_OSTEOCLAST_DIFFERENTIATION
HP OSTEOCHONDROSIS, HP OSTEOCHONDROSIS
REACTOME_METABOLISM_OF_INGESTED_SEMET_SEC_MESEC_INTO_H2SE, REACTOME_METABOLISM_OF_INGESTED_SEMET_SEC_MESEC_INTO_H2SE
REACTOME_TRANSPORT_OF_FATTY_ACIDS, REACTOME_TRANSPORT_OF_FATTY_ACIDS
HP_ABNORMAL_CIRCULATING_AROMATIC_AMINO_ACID_CONCENTRATION, HP_ABNORMAL_CIRCULATING_AROMATIC_AMINO_ACID_CONCENTRATION
SHIRAISHI_PLZF_TARGETS_UP, SHIRAISHI_PLZF_TARGETS_UP
HP_RECURRENT_CANDIDA_INFECTIONS, HP_RECURRENT_CANDIDA_INFECTIONS
GOBP BEHAVIORAL RESPONSE TO PAIN, GOBP BEHAVIORAL RESPONSE TO PAIN
GOBP_NEURAL_CREST_CELL_MIGRATION_INVOLVED_IN_AUTONOMIC_NERVOUS_SYSTEM_DEVELOPMENT, GOBP_NEURAL_CREST_CELL_MIGRATION_INVOLVED_IN_AUTONOMIC_NERVOUS_SYSTEM_DEVELOPMENT
MIR95 3P, MIR95 3P
GOBP_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY, GOBP_POST_CHAPERONIN_TUBULIN_FOLDING_PATHWAY
GOBP_PENTOSE_CATABOLIC_PROCESS, GOBP_PENTOSE_CATABOLIC_PROCESS
GOBP_NEGATIVE_REGULATION_OF_INTERFERON_ALPHA_PRODUCTION, GOBP_NEGATIVE_REGULATION_OF_INTERFERON_ALPHA_PRODUCTION
GOBP MEIOTIC DNA DOUBLE STRAND BREAK FORMATION, GOBP MEIOTIC DNA DOUBLE STRAND BREAK FORMATION
REACTOME_PROTEIN_REPAIR, REACTOME_PROTEIN_REPAIR
MIR887_3P, MIR887_3P
GOBP_HISTAMINE_METABOLIC_PROCESS, GOBP_HISTAMINE_METABOLIC_PROCESS
GOBP_HYDROGEN_SULFIDE_BIOSYNTHETIC_PROCESS, GOBP_HYDROGEN_SULFIDE_BIOSYNTHETIC_PROCESS
GOBP_REGULATION_OF_TISSUE_REMODELING, GOBP_REGULATION_OF_TISSUE_REMODELING
WP_SEROTONIN_AND_ANXIETYRELATED_EVENTS, WP_SEROTONIN_AND_ANXIETYRELATED_EVENTS
GOBP_REGULATION_OF_CARDIAC_MUSCLE_ADAPTATION, GOBP_REGULATION_OF_CARDIAC_MUSCLE_ADAPTATION
HP_ABNORMAL_LIGHT_ADAPTED_ELECTRORETINOGRAM, HP_ABNORMAL_LIGHT_ADAPTED_ELECTRORETINOGRAM
HP_PROSTATITIS, HP_PROSTATITIS
HP_ECCENTRIC_VISUAL_FIXATION, HP_ECCENTRIC_VISUAL_FIXATION
HP ABNORMAL PUPILLARY LIGHT REFLEX, HP ABNORMAL PUPILLARY LIGHT REFLEX
GOBP_HISTAMINE_SECRETION, GOBP_HISTAMINE_SECRETION
HP HYPOPLASIA OF THE FOVEA, HP HYPOPLASIA OF THE FOVEA
GOBP_HISTAMINE_TRANSPORT, GOBP_HISTAMINE_TRANSPORT
GOBP REGULATION OF CONNECTIVE TISSUE REPLACEMENT, GOBP REGULATION OF CONNECTIVE TISSUE REPLACEMENT
GOBP MOTOR NEURON MIGRATION, GOBP MOTOR NEURON MIGRATION
HP_PYODERMA, HP_PYODERMA
HP_ACHROMATOPSIA, HP_ACHROMATOPSIA
GOBP_DENDRITE_ARBORIZATION, GOBP_DENDRITE_ARBORIZATION
ZEILSTRA_CD44_TARGETS_UP, ZEILSTRA_CD44_TARGETS_UP
HP_ABNORMALITY_OF_BODY_MASS_INDEX, HP_ABNORMALITY_OF_BODY_MASS_INDEX
GOBP_HYDROGEN_SULFIDE_METABOLIC_PROCESS, GOBP_HYDROGEN_SULFIDE_METABOLIC_PROCESS
WP_GANGLIO_SPHINGOLIPID_METABOLISM, WP_GANGLIO_SPHINGOLIPID_METABOLISM
GRAHAM_CML_DIVIDING_VS_NORMAL_DIVIDING_UP, GRAHAM_CML_DIVIDING_VS_NORMAL_DIVIDING_UP
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GOMF\_PHOSPHOTRANSFERASE\_ACTIVITY\_NITROGENOUS\_GROUP\_AS\_ACCEPTOR, GOMF\_PHOSPHOTRANSFERASE\_ACTIVITY\_NITROGENOUS\_GROUP\_AS\_ACCEPTOR