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GSE13738_RESTING_VS_BYSTANDER_ACTIVATED_CD4_TCELL_DN, GSE13738_RESTING_VS_BYSTANDER_ACTIVATED_CD4_TCELL_DN
 FISCHER_G1_S_CELL_CYCLE, FISCHER_G1_S_CELL_CYCLE
 HALLMARK_IL2_STAT5_SIGNALING, HALLMARK_IL2_STAT5_SIGNALING
 GSE13738_RESTING_VS_TCR_ACTIVATED_CD4_TCELL_DN, GSE13738_RESTING_VS_TCR_ACTIVATED_CD4_TCELL_DN
 GSE13738_TCR_VS_BYSTANDER_ACTIVATED_CD4_TCELL_UP, GSE13738_TCR_VS_BYSTANDER_ACTIVATED_CD4_TCELL_UP
 GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_CD4_THYMOCYTE_UP
 GOBP_NUCLEOTIDE_EXCISION_REPAIR, GOBP_NUCLEOTIDE_EXCISION_REPAIR
 REACTOME_TELOMERE_MAINTENANCE, REACTOME_TELOMERE_MAINTENANCE
SMITH_TERT_TARGETS_UP, SMITH_TERT_TARGETS_UP
 GSE37301_PRO_BCELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_PRO_BCELL_VS_RAG2_KO_NK_CELL_DN
 GSE10240_IL22_VS_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN, GSE10240_IL22_VS_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN
 BROWNE_HCMV_INFECTION_18HR_UP, BROWNE_HCMV_INFECTION_18HR_UP
GSE7831_UNSTIM_VS_INFLUENZA_STIM_PDC_1H_DN, GSE7831_UNSTIM_VS_INFLUENZA_STIM_PDC_1H_DN
 GSE14308_INDUCED_VS_NATURAL_TREG_UP, GSE14308_INDUCED_VS_NATURAL_TREG_UP
 GSE17721_CTRL_VS_GARDIQUIMOD_8H_BMDC_DN, GSE17721_CTRL_VS_GARDIQUIMOD_8H_BMDC_DN
 REACTOME_DUAL_INCISION_IN_TC_NER, REACTOME_DUAL_INCISION_IN_TC_NER
 GSE2706_R848_VS_LPS_8H_STIM_DC_DN, GSE2706_R848_VS_LPS_8H_STIM_DC_DN
 GOBP_POSITIVE_REGULATION_OF_VIRAL_PROCESS, GOBP_POSITIVE_REGULATION_OF_VIRAL_PROCESS
 MIR548U, MIR548U
 GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_48H_ACT_CD4_TCELL_DN, GSE17974_IL4_AND_ANTI_IL12_VS_UNTREATED_48H_ACT_CD4_TCELL_DN
 GOCC_SITE_OF_DOUBLE_STRAND_BREAK, GOCC_SITE_OF_DOUBLE_STRAND_BREAK
 REACTOME HOMOLOGOUS DNA PAIRING AND STRAND EXCHANGE, REACTOME HOMOLOGOUS DNA PAIRING AND STRAND EXCHANGE
 MIR3927_3P, MIR3927_3P
 REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA, REACTOME_HDR_THROUGH_SINGLE_STRAND_ANNEALING_SSA
GAVIN_FOXP3_TARGETS_CLUSTER_P4, GAVIN_FOXP3_TARGETS_CLUSTER_P4
SLEBOS_HEAD_AND_NECK_CANCER_WITH_HPV_UP, SLEBOS_HEAD_AND_NECK_CANCER_WITH_HPV_UP
 GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION
PDGF_ERK_DN.V1_UP, PDGF_ERK_DN.V1_UP
 GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_DN, GSE28737_FOLLICULAR_VS_MARGINAL_ZONE_BCELL_BCL6_HET_DN
 GSE34156_TLR1_TLR2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN, GSE34156_TLR1_TLR2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN
 AKT_UP_MTOR_DN.V1_DN, AKT_UP_MTOR_DN.V1_DN
WP_SIGNALING_PATHWAYS_IN_GLIOBLASTOMA, WP_SIGNALING_PATHWAYS_IN_GLIOBLASTOMA
LINDSTEDT_DENDRITIC_CELL_MATURATION_C, LINDSTEDT_DENDRITIC_CELL_MATURATION_C
 CROMER_METASTASIS_UP, CROMER_METASTASIS_UP
 GSE43863_DAY6_EFF_VS_DAY150_MEM_TFH_CD4_TCELL_DN, GSE43863_DAY6_EFF_VS_DAY150_MEM_TFH_CD4_TCELL_DN
 TAYLOR_METHYLATED_IN_ACUTE_LYMPHOBLASTIC_LEUKEMIA, TAYLOR_METHYLATED_IN_ACUTE_LYMPHOBLASTIC_LEUKEMIA
GOMF_DNA_DEPENDENT_ATPASE_ACTIVITY, GOMF_DNA_DEPENDENT_ATPASE_ACTIVITY
 HP_HYPOCALCEMIA, HP_HYPOCALCEMIA
 REACTOME_CYTOSOLIC_SENSORS_OF_PATHOGEN_ASSOCIATED_DNA, REACTOME_CYTOSOLIC_SENSORS_OF_PATHOGEN_ASSOCIATED_DNA
 GSE17721_CTRL_VS_CPG_2H_BMDC_DN, GSE17721_CTRL_VS_CPG_2H_BMDC_DN
 ATF2_UP.V1_DN, ATF2_UP.V1_DN
 MODULE_174, MODULE_174
 MIR7158 3P, MIR7158 3P
 REACTOME_NUCLEOTIDE_BINDING_DOMAIN_LEUCINE_RICH_REPEAT_CONTAINING_RECEPTOR_NLR_SIGNALING_PATHWAYS, REACTOME_NUCLEOTIDE_BINDING_DOMAIN_LEUCINE_RICH_REPEAT_CONTAINING_RECEPTOR_NLR_SIGNALING_PATHWAYS
 REACTOME SIGNALING BY SCF KIT, REACTOME SIGNALING BY SCF KIT
GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_2H_BMDC_DN
 GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN
 GOMF_ENDODEOXYRIBONUCLEASE_ACTIVITY, GOMF_ENDODEOXYRIBONUCLEASE_ACTIVITY
 WP_INTERLEUKIN11_SIGNALING_PATHWAY, WP_INTERLEUKIN11_SIGNALING_PATHWAY
 BENPORATH_ES_2, BENPORATH_ES_2
 REACTOME_ABORTIVE_ELONGATION_OF_HIV_1_TRANSCRIPT_IN_THE_ABSENCE_OF_TAT, REACTOME_ABORTIVE_ELONGATION_OF_HIV_1_TRANSCRIPT_IN_THE_ABSENCE_OF_TAT
 TENEDINI_MEGAKARYOCYTE_MARKERS, TENEDINI_MEGAKARYOCYTE_MARKERS
 TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_GRANULOCYTE_UP, TONKS_TARGETS_OF_RUNX1_RUNX1T1_FUSION_GRANULOCYTE_UP
 VANDESLUIS_COMMD1_TARGETS_GROUP_3_UP, VANDESLUIS_COMMD1_TARGETS_GROUP_3_UP
 KEGG RNA POLYMERASE, KEGG RNA POLYMERASE
 VARELA_ZMPSTE24_TARGETS_UP, VARELA_ZMPSTE24_TARGETS_UP
PID_GMCSF_PATHWAY, PID_GMCSF_PATHWAY
 WP_CYTOSOLIC_DNASENSING_PATHWAY, WP_CYTOSOLIC_DNASENSING_PATHWAY
 FONTAINE_PAPILLARY_THYROID_CARCINOMA_UP, FONTAINE_PAPILLARY_THYROID_CARCINOMA_UP
WP_GLYCEROPHOSPHOLIPID_BIOSYNTHETIC_PATHWAY, WP_GLYCEROPHOSPHOLIPID_BIOSYNTHETIC_PATHWAY
GOBP_PROTEIN_LOCALIZATION_TO_CILIUM, GOBP_PROTEIN_LOCALIZATION_TO_CILIUM
GOBP_FORMATION_OF_EXTRACHROMOSOMAL_CIRCULAR_DNA, GOBP_FORMATION_OF_EXTRACHROMOSOMAL_CIRCULAR_DNA
 HAY_BONE_MARROW_CD34_POS_MULTILIN, HAY_BONE_MARROW_CD34_POS_MULTILIN
 MIR11399, MIR11399
 GAO_ESOPHAGUS_25W_C2_KRT6BPOS_SECRETORY_PROGENITOR_CELLS, GAO_ESOPHAGUS_25W_C2_KRT6BPOS_SECRETORY_PROGENITOR_CELLS
 MIR3170, MIR3170
 FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_3DY_POSITIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENCA_TORRELATED_WITH_ANTIBODY_TATEUR_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TORRELATED_TOR
 HOFMANN_CELL_LYMPHOMA_DN, HOFMANN_CELL_LYMPHOMA_DN
HP_ABNORMAL_BLOOD_PHOSPHATE_CONCENTRATION, HP_ABNORMAL_BLOOD_PHOSPHATE_CONCENTRATION
 HP_NEPHROCALCINOSIS, HP_NEPHROCALCINOSIS
 GNF2_CCNA1, GNF2_CCNA1
GOMF_CARGO_ADAPTOR_ACTIVITY, GOMF_CARGO_ADAPTOR_ACTIVITY
 WOTTON_RUNX_TARGETS_DN, WOTTON_RUNX_TARGETS_DN
 GOMF_FLAP_ENDONUCLEASE_ACTIVITY, GOMF_FLAP_ENDONUCLEASE_ACTIVITY
 GOBP_EYE_PHOTORECEPTOR_CELL_DIFFERENTIATION, GOBP_EYE_PHOTORECEPTOR_CELL_DIFFERENTIATION
 GNF2_MLF1, GNF2_MLF1
KIM_PTEN_TARGETS_UP, KIM_PTEN_TARGETS_UP
 MODULE_360, MODULE_360
 GOBP_GROWTH_HORMONE_RECEPTOR_SIGNALING_PATHWAY_VIA_JAK_STAT, GOBP_GROWTH_HORMONE_RECEPTOR_SIGNALING_PATHWAY_VIA_JAK_STAT
PID_IL27_PATHWAY, PID_IL27_PATHWAY
 GOBP_ASYMMETRIC_CELL_DIVISION, GOBP_ASYMMETRIC_CELL_DIVISION
HP_ANOTIA, HP_ANOTIA
 HP_ABNORMAL_MAGNESIUM_CONCENTRATION, HP_ABNORMAL_MAGNESIUM_CONCENTRATION
 CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_DN, CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_DN
 REACTOME_REGULATION_OF_GENE_EXPRESSION_IN_EARLY_PANCREATIC_PRECURSOR_CELLS, REACTOME_REGULATION_OF_GENE_EXPRESSION_IN_EARLY_PANCREATIC_PRECURSOR_CELLS
 HP_TETANY, HP_TETANY
SMID_BREAST_CANCER_RELAPSE_IN_LIVER_DN, SMID_BREAST_CANCER_RELAPSE_IN_LIVER_DN
 PID_TOLL_ENDOGENOUS_PATHWAY, PID_TOLL_ENDOGENOUS_PATHWAY
 GOBP_PHOTORECEPTOR_CELL_DIFFERENTIATION, GOBP_PHOTORECEPTOR_CELL_DIFFERENTIATION
MODULE_545, MODULE_545
WP_ESTROGEN_RECEPTOR_PATHWAY, WP_ESTROGEN_RECEPTOR_PATHWAY
chr10q21, chr10q21
GOBP_TOLL_LIKE_RECEPTOR_9_SIGNALING_PATHWAY, GOBP_TOLL_LIKE_RECEPTOR_9_SIGNALING_PATHWAY
 KAAB FAILED HEART ATRIUM UP, KAAB FAILED HEART ATRIUM UP
HP_INCREASED_CIRCULATING_RENIN_LEVEL, HP_INCREASED_CIRCULATING_RENIN_LEVEL
REACTOME_EGFR_INTERACTS_WITH_PHOSPHOLIPASE_C_GAMMA, REACTOME_EGFR_INTERACTS_WITH_PHOSPHOLIPASE_C_GAMMA
 REACTOME_THE_RETINOID_CYCLE_IN_CONES_DAYLIGHT_VISION, REACTOME_THE_RETINOID_CYCLE_IN_CONES_DAYLIGHT_VISION
 PARK_TRETINOIN_RESPONSE, PARK_TRETINOIN_RESPONSE
GOBP_NEGATIVE_REGULATION_OF_BLOOD_CIRCULATION, GOBP_NEGATIVE_REGULATION_OF_BLOOD_CIRCULATION
GOBP_POSITIVE_REGULATION_OF_GONAD_DEVELOPMENT, GOBP_POSITIVE_REGULATION_OF_GONAD_DEVELOPMENT
GOBP REGULATION OF MALE GONAD DEVELOPMENT, GOBP REGULATION OF MALE GONAD DEVELOPMENT
HP_ABSENCE_OF_THE_SACRUM, HP_ABSENCE_OF_THE_SACRUM
 HP ANGIOEDEMA, HP ANGIOEDEMA
 GOBP_REGULATION_OF_MICROVILLUS_ASSEMBLY, GOBP_REGULATION_OF_MICROVILLUS_ASSEMBLY
 HP_UVEAL_ECTROPION, HP_UVEAL_ECTROPION
CAO_BLOOD_FLUMIST_AGE_05_14YO_30DY_UP, CAO_BLOOD_FLUMIST_AGE_05_14YO_30DY_UP
 SU_KIDNEY, SU_KIDNEY
 REACTOME_POU5F1_OCT4_SOX2_NANOG_ACTIVATE_GENES_RELATED_TO_PROLIFERATION, REACTOME_POU5F1_OCT4_SOX2_NANOG_ACTIVATE_GENES_RELATED_TO_PROLIFERATION
 DESCARTES_MAIN_FETAL_PDE11A_FAM19A2_POSITIVE_CELLS, DESCARTES_MAIN_FETAL_PDE11A_FAM19A2_POSITIVE_CELLS
 PAPASPYRIDONOS UNSTABLE ATEROSCLEROTIC PLAQUE DN, PAPASPYRIDONOS UNSTABLE ATEROSCLEROTIC PLAQUE DN
 REACTOME_INTERLEUKIN_20_FAMILY_SIGNALING, REACTOME_INTERLEUKIN_20_FAMILY_SIGNALING
 DOANE_BREAST_CANCER_ESR1_DN, DOANE_BREAST_CANCER_ESR1_DN
 GOBP_MODULATION_BY_SYMBIONT_OF_HOST_APOPTOTIC_PROCESS, GOBP_MODULATION_BY_SYMBIONT_OF_HOST_APOPTOTIC_PROCESS
 HP_ABNORMAL_VAS_DEFERENS_MORPHOLOGY, HP_ABNORMAL_VAS_DEFERENS_MORPHOLOGY
 GOBP_OLIGOPEPTIDE_IMPORT_ACROSS_PLASMA_MEMBRANE, GOBP_OLIGOPEPTIDE_IMPORT_ACROSS_PLASMA_MEMBRANE
 HP CORNEAL STROMAL EDEMA, HP CORNEAL STROMAL EDEMA
GOBP_PRONEPHROS_DEVELOPMENT, GOBP_PRONEPHROS_DEVELOPMENT
 GOBP_REGULATION_OF_GONAD_DEVELOPMENT, GOBP_REGULATION_OF_GONAD_DEVELOPMENT
 GOCC_OUTER_DENSE_FIBER, GOCC_OUTER_DENSE_FIBER
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GOMF\_RETINOL\_DEHYDROGENASE\_ACTIVITY, GOMF\_RETINOL\_DEHYDROGENASE\_ACTIVITY

RDLAN\_HIGHDOSE\_STIM\_DC\_UP, GSE32986\_UNSTIM\_VS\_CURDLAN\_HIGHDOSE\_STIM\_DC\_UP