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GSE27786 ERYTHROBLAST VS MONO MAC DN, GSE27786 ERYTHROBLAST VS MONO MAC DN
 GSE27786_LIN_NEG_VS_ERYTHROBLAST_UP, GSE27786_LIN_NEG_VS_ERYTHROBLAST_UP
 GSE27786_NKCELL_VS_ERYTHROBLAST_UP, GSE27786_NKCELL_VS_ERYTHROBLAST_UP
 GSE27786_NKTCELL_VS_ERYTHROBLAST_UP, GSE27786_NKTCELL_VS_ERYTHROBLAST_UP
 GSE18893_CTRL_VS_TNF_TREATED_TCONV_24H_UP, GSE18893_CTRL_VS_TNF_TREATED_TCONV_24H_UP
 GSE27786 ERYTHROBLAST VS NEUTROPHIL DN, GSE27786 ERYTHROBLAST VS NEUTROPHIL DN
 GSE27786_LIN_NEG_VS_NKCELL_DN, GSE27786_LIN_NEG_VS_NKCELL_DN
 GSE14308_TH1_VS_TH17_DN, GSE14308_TH1_VS_TH17_DN
 GSE34515_CD16_POS_MONOCYTE_VS_DC_UP, GSE34515_CD16_POS_MONOCYTE_VS_DC_UP
 GSE27434_WT_VS_DNMT1_KO_TREG_UP, GSE27434_WT_VS_DNMT1_KO_TREG_UP
 GSE27786_LIN_NEG_VS_NKTCELL_DN, GSE27786_LIN_NEG_VS_NKTCELL_DN
 GSE27786_LSK_VS_CD4_TCELL_DN, GSE27786_LSK_VS_CD4_TCELL_DN
 GSE27786_NEUTROPHIL_VS_MONO_MAC_UP, GSE27786_NEUTROPHIL_VS_MONO_MAC_UP
 GSE10240 IL22 VS IL22 AND IL17 STIM PRIMARY BRONCHIAL EPITHELIAL CELLS UP, GSE10240 IL22 VS IL22 AND IL17 STIM PRIMARY BRONCHIAL EPITHELIAL CELLS UP
 MIR6768_5P, MIR6768_5P
 GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_UP, GSE7348_UNSTIM_VS_LPS_STIM_MACROPHAGE_UP
 GSE4590_LARGE_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_DN, GSE4590_LARGE_PRE_BCELL_VS_VPREB_POS_LARGE_PRE_BCELL_DN
 GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN, GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN
 GSE11961_MARGINAL_ZONE_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_DN, GSE11961_MARGINAL_ZONE_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_DN
 GSE14308_TH2_VS_TH1_DN, GSE14308_TH2 VS TH1 DN
 GSE27786_LIN_NEG_VS_MONO_MAC_DN, GSE27786_LIN_NEG_VS_MONO_MAC_DN
 GSE26669_CD4_VS_CD8_TCELL_IN_MLR_COSTIM_BLOCK_DN, GSE26669_CD4_VS_CD8_TCELL_IN_MLR_COSTIM_BLOCK_DN
 GSE27786_LSK_VS_NKTCELL_DN, GSE27786_LSK_VS_NKTCELL_DN
 DER IFN BETA RESPONSE UP, DER IFN BETA RESPONSE UP
 GOBP_REGULATION_OF_DNA_REPAIR, GOBP_REGULATION_OF_DNA_REPAIR
 GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP, GSE11961_GERMINAL_CENTER_BCELL_DAY7_VS_MEMORY_BCELL_DAY40_UP
 GSE21379_TFH_VS_NON_TFH_CD4_TCELL_UP, GSE21379_TFH_VS_NON_TFH_CD4_TCELL_UP
 GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR, GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR
 GOCC_SITE_OF_POLARIZED_GROWTH, GOCC_SITE_OF_POLARIZED_GROWTH
 REACTOME_CIRCADIAN_CLOCK, REACTOME_CIRCADIAN_CLOCK
 GOBP_REGULATION_OF_VIRAL_TRANSCRIPTION, GOBP_REGULATION_OF_VIRAL_TRANSCRIPTION
 GOBP_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY, GOBP_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY
 GOBP_NEGATIVE_REGULATION_OF_BINDING, GOBP_NEGATIVE_REGULATION_OF_BINDING
REACTOME_INTERFERON_GAMMA_SIGNALING, REACTOME_INTERFERON_GAMMA_SIGNALING
MIR4697_3P, MIR4697_3P
 MODULE 567, MODULE 567
 GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_HOMOLOGOUS_RECOMBINATION, GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_HOMOLOGOUS_RECOMBINATION
 HP_NEOPLASM_OF_THE_LIVER, HP_NEOPLASM_OF_THE_LIVER
GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I, GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I
 GOMF_HYDROLASE_ACTIVITY_ACTING_ON_GLYCOSYL_BONDS, GOMF_HYDROLASE_ACTIVITY_ACTING_ON_GLYCOSYL_BONDS
 DCA_UP.V1_DN, DCA_UP.V1_DN
GOBP_AMINOGLYCAN_CATABOLIC_PROCESS, GOBP_AMINOGLYCAN_CATABOLIC_PROCESS
GOBP_PROTEIN_ADP_RIBOSYLATION, GOBP_PROTEIN_ADP_RIBOSYLATION
GSE37301_PRO_BCELL_VS_CD4_TCELL_DN, GSE37301_PRO_BCELL_VS_CD4_TCELL_DN
GOBP_REGULATION_OF_FAT_CELL_DIFFERENTIATION, GOBP_REGULATION_OF_FAT_CELL_DIFFERENTIATION
BMI1_DN.V1_DN, BMI1_DN.V1_DN
GSE23321_CENTRAL_MEMORY_VS_NAIVE_CD8_TCELL_DN, GSE23321_CENTRAL_MEMORY_VS_NAIVE_CD8_TCELL_DN
GOBP_GLIAL_CELL_DEVELOPMENT, GOBP_GLIAL_CELL_DEVELOPMENT
MIR20B_3P, MIR20B_3P
GOMF_ESTROGEN_RECEPTOR_BINDING, GOMF_ESTROGEN_RECEPTOR_BINDING
KENNY_CTNNB1_TARGETS_DN, KENNY_CTNNB1_TARGETS_DN
MIR3199, MIR3199
MIR371B_3P, MIR371B_3P
PID_BETA_CATENIN_DEG_PATHWAY, PID_BETA_CATENIN_DEG_PATHWAY
MIR8052, MIR8052
GOMF_HYDROLASE_ACTIVITY_HYDROLYZING_O_GLYCOSYL_COMPOUNDS, GOMF_HYDROLASE_ACTIVITY_HYDROLYZING_O_GLYCOSYL_COMPOUNDS
MIR4758_3P, MIR4758_3P
GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE, GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE
GOMF_MEMBRANE_INSERTASE_ACTIVITY, GOMF_MEMBRANE_INSERTASE_ACTIVITY
MIR759, MIR759
 HP_HYPERCHOLESTEROLEMIA, HP_HYPERCHOLESTEROLEMIA
 HP_ABNORMAL_PANCREAS_MORPHOLOGY, HP_ABNORMAL_PANCREAS_MORPHOLOGY
 REACTOME_INSULIN_PROCESSING, REACTOME_INSULIN_PROCESSING
 VILIMAS_NOTCH1_TARGETS_DN, VILIMAS_NOTCH1_TARGETS_DN
 SERVITJA_LIVER_HNF1A_TARGETS_DN, SERVITJA_LIVER_HNF1A_TARGETS_DN
 GOBP_TAIL_ANCHORED_MEMBRANE_PROTEIN_INSERTION_INTO_ER_MEMBRANE, GOBP_TAIL_ANCHORED_MEMBRANE_PROTEIN_INSERTION_INTO_ER_MEMBRANE
 GOBP_NEGATIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION, GOBP_NEGATIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION
 GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE_BY_STOP_TRANSFER_MEMBRANE_ANCHOR_SEQUENCE, GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE_BY_STOP_TRANSFER_MEMBRANE_ANCHOR_SEQUENCE
 GOCC_EMC_COMPLEX, GOCC_EMC_COMPLEX
 GOCC_SPERM_PRINCIPAL_PIECE, GOCC_SPERM_PRINCIPAL_PIECE
 GOBP_ERYTHROCYTE_DEVELOPMENT, GOBP_ERYTHROCYTE_DEVELOPMENT
 GSE40666_UNTREATED_VS_IFNA_STIM_CD8_TCELL_90MIN_UP, GSE40666_UNTREATED_VS_IFNA_STIM_CD8_TCELL_90MIN_UP
 HP_ANAL_STENOSIS, HP_ANAL_STENOSIS
 MIR6086, MIR6086
  AACGGTT_MIR451, AACGGTT_MIR451
 GOBP_RESPONSE_TO_EPINEPHRINE, GOBP_RESPONSE_TO_EPINEPHRINE
 GOBP_HISTONE_H4_DEACETYLATION, GOBP_HISTONE_H4_DEACETYLATION
 REACTOME_SPERM_MOTILITY_AND_TAXES, REACTOME_SPERM_MOTILITY_AND_TAXES
 MIR4294, MIR4294
GOBP_NEGATIVE_REGULATION_OF_GLIOGENESIS, GOBP_NEGATIVE_REGULATION_OF_GLIOGENESIS
WP_CANONICAL_AND_NONCANONICAL_NOTCH_SIGNALING, WP_CANONICAL_AND_NONCANONICAL_NOTCH_SIGNALING
GOBP_SEMICIRCULAR_CANAL_DEVELOPMENT, GOBP_SEMICIRCULAR_CANAL_DEVELOPMENT
KEGG_CIRCADIAN_RHYTHM_MAMMAL, KEGG_CIRCADIAN_RHYTHM_MAMMAL
GOBP_REGULATION_OF_MYELINATION, GOBP_REGULATION_OF_MYELINATION
GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION, GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION
HP_GLOMERULONEPHRITIS, HP_GLOMERULONEPHRITIS
chr15q14, chr15q14
STEGER_ADIPOGENESIS_DN, STEGER_ADIPOGENESIS_DN
GOBP_CDP_DIACYLGLYCEROL_BIOSYNTHETIC_PROCESS, GOBP_CDP_DIACYLGLYCEROL_BIOSYNTHETIC_PROCESS
GOBP_NEGATIVE_REGULATION_OF_RELAXATION_OF_MUSCLE, GOBP_NEGATIVE_REGULATION_OF_RELAXATION_OF_MUSCLE
GOMF_LYSOPHOSPHATIDIC_ACID_ACYLTRANSFERASE_ACTIVITY, GOMF_LYSOPHOSPHATIDIC_ACID_ACYLTRANSFERASE_ACTIVITY
GOBP_COBALAMIN_TRANSPORT, GOBP_COBALAMIN_TRANSPORT
GOBP_POSITIVE_REGULATION_OF_NON_CANONICAL_WNT_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_NON_CANONICAL_WNT_SIGNALING_PATHWAY
GOBP_NEGATIVE_REGULATION_OF_MONONUCLEAR_CELL_MIGRATION, GOBP_NEGATIVE_REGULATION_OF_MONONUCLEAR_CELL_MIGRATION
 BIOCARTA IFNA PATHWAY, BIOCARTA IFNA PATHWAY
WP_IL10_ANTIINFLAMMATORY_SIGNALING_PATHWAY, WP_IL10_ANTIINFLAMMATORY_SIGNALING_PATHWAY
 HP_DECREASED_SERUM_COMPLEMENT_C3, HP_DECREASED_SERUM_COMPLEMENT_C3
 HP_GONADOTROPIN_DEFICIENCY, HP_GONADOTROPIN_DEFICIENCY
GOCC_GAMMA_SECRETASE_COMPLEX, GOCC_GAMMA_SECRETASE_COMPLEX
 HP_LOP_EAR, HP_LOP_EAR
GOBP_HISTONE_CITRULLINATION, GOBP_HISTONE_CITRULLINATION
 GOMF_PROTEIN_ARGININE_DEIMINASE_ACTIVITY, GOMF_PROTEIN_ARGININE_DEIMINASE_ACTIVITY
 GOMF_IMMUNOGLOBULIN_RECEPTOR_ACTIVITY, GOMF_IMMUNOGLOBULIN_RECEPTOR_ACTIVITY
 HP_CROSSED_FUSED_RENAL_ECTOPIA, HP_CROSSED_FUSED_RENAL_ECTOPIA
GOMF_PEPTIDOGLYCAN_MURALYTIC_ACTIVITY, GOMF_PEPTIDOGLYCAN_MURALYTIC_ACTIVITY
 WP_TYPE_II_DIABETES_MELLITUS, WP_TYPE_II_DIABETES_MELLITUS
 GOMF_GLUCOSYLTRANSFERASE_ACTIVITY, GOMF_GLUCOSYLTRANSFERASE_ACTIVITY
 HP HEPATOBLASTOMA, HP HEPATOBLASTOMA
GOBP_LATERAL_SPROUTING_FROM_AN_EPITHELIUM, GOBP_LATERAL_SPROUTING_FROM_AN_EPITHELIUM
 KUROKAWA_LIVER_CANCER_EARLY_RECURRENCE_DN, KUROKAWA_LIVER_CANCER_EARLY_RECURRENCE_DN
 GOBP_DETERMINATION_OF_ADULT_LIFESPAN, GOBP_DETERMINATION_OF_ADULT_LIFESPAN
 HP_HYPOKALEMIC_METABOLIC_ALKALOSIS, HP_HYPOKALEMIC_METABOLIC_ALKALOSIS
 WP CODEINE AND MORPHINE METABOLISM, WP CODEINE AND MORPHINE METABOLISM
 GOBP_MONOTERPENOID_METABOLIC_PROCESS, GOBP_MONOTERPENOID_METABOLIC_PROCESS
 GOBP_NEGATIVE_REGULATION_OF_DEFENSE_RESPONSE_TO_BACTERIUM, GOBP_NEGATIVE_REGULATION_OF_DEFENSE_RESPONSE_TO_BACTERIUM
 REACTOME_BIOSYNTHESIS_OF_MARESIN_LIKE_SPMS, REACTOME_BIOSYNTHESIS_OF_MARESIN_LIKE_SPMS
 GOBP_OLFACTORY_BEHAVIOR, GOBP_OLFACTORY_BEHAVIOR
 JU_AGING_TERC_TARGETS_UP, JU_AGING_TERC_TARGETS_UP
 HP_ABNORMALITY_OF_THE_INTERNAL_AUDITORY_CANAL, HP_ABNORMALITY_OF_THE_INTERNAL_AUDITORY_CANAL
 HP_HYPOKALEMIC_ALKALOSIS, HP_HYPOKALEMIC_ALKALOSIS
 WP_TYPE_III_INTERFERON_SIGNALING, WP_TYPE_III_INTERFERON_SIGNALING
 GOBP_DETECTION_OF_TEMPERATURE_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION, GOBP_DETECTION_OF_TEMPERATURE_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION
 GOCC_PARANODE_REGION_OF_AXON, GOCC_PARANODE_REGION_OF_AXON
 HP_PARATHYROID_DYSGENESIS, HP_PARATHYROID_DYSGENESIS
 GOBP_OLIGODENDROCYTE_PROGENITOR_PROLIFERATION, GOBP_OLIGODENDROCYTE_PROGENITOR_PROLIFERATION
 GOMF_ACYLGLYCEROL_O_ACYLTRANSFERASE_ACTIVITY, GOMF_ACYLGLYCEROL_O_ACYLTRANSFERASE_ACTIVITY
 HARALAMBIEVA_PBMC_FLUARIX_AGE_50_74YO_CORR_WITH_28D_MEM_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE_EXPR_INDIVID_GENE_MODELS_PRED_PEAK_B_CELL_RESPONSE_AT_28DY_LATE_GENE
 GOBP_PEPTIDOGLYCAN_METABOLIC_PROCESS, GOBP_PEPTIDOGLYCAN_METABOLIC_PROCESS
 GOBP_REGULATION_OF_RELAXATION_OF_CARDIAC_MUSCLE, GOBP_REGULATION_OF_RELAXATION_OF_CARDIAC_MUSCLE
 REACTOME_CYP2E1_REACTIONS, REACTOME_CYP2E1_REACTIONS
 GOBP_DETECTION_OF_TEMPERATURE_STIMULUS, GOBP_DETECTION_OF_TEMPERATURE_STIMULUS
 BLANCO_MELO_COVID19_SARS_COV_2_LOW_MOI_INFECTION_A594_ACE2_EXPRESSING_CELLS_DN, BLANCO_MELO_COVID19_SARS_COV_2_LOW_MOI_INFECTION_A594_ACE2_EXPRESSING_CELLS_DN
 chr4q35, chr4q35
 GOBP_ALKALOID_METABOLIC_PROCESS, GOBP_ALKALOID_METABOLIC_PROCESS
 GOMF_PEPTIDOGLYCAN_IMMUNE_RECEPTOR_ACTIVITY, GOMF_PEPTIDOGLYCAN_IMMUNE_RECEPTOR_ACTIVITY
 GOBP_PHENYLPROPANOID_METABOLIC_PROCESS, GOBP_PHENYLPROPANOID_METABOLIC_PROCESS
 ISHIKAWA STING SIGNALING, ISHIKAWA STING SIGNALING
 GOBP_DOPAMINERGIC_NEURON_DIFFERENTIATION, GOBP_DOPAMINERGIC_NEURON_DIFFERENTIATION
 REACTOME_FATTY_ACIDS, REACTOME_FATTY_ACIDS
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CELL\_VS\_ERYTHTROBLAST\_UP, GSE27786\_CD4\_TCELL\_VS\_ERYTHTROBLAST\_UP