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GSE43863_NAIVE_VS_MEMORY_TFH_CD4_TCELL_D150_LCMV_UP, GSE43863_NAIVE_VS_MEMORY_TFH_CD4_TCELL_D150_LCMV_UP
                                                                                                           GSE3039_CD4_TCELL_VS_ALPHAALPHA_CD8_TCELL_UP, GSE3039_CD4_TCELL_VS_ALPHAALPHA_CD8_TCELL_UP
                                                                                                           GSE3039_ALPHAALPHA_CD8_TCELL_VS_B1_BCELL_DN, GSE3039_ALPHAALPHA_CD8_TCELL_VS_B1_BCELL_DN
                                                                                                           GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_DN, GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_DN
                                                                                                          GSE16385_MONOCYTE_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_MACROPHAGE_UP, GSE16385_MONOCYTE_VS_12H_ROSIGLITAZONE_IFNG_TNF_TREATED_M
                                                                                                           GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_DN, GSE27859_CD11C_INT_F480_HI_MACROPHAGE_VS_CD11C_ING_F480_INT_DC_DN
                                                                                                           GSE13493 DP VS CD8POS THYMOCYTE UP, GSE13493 DP VS CD8POS THYMOCYTE UP
                                                                                                          GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_UP, GSE29164_DAY3_VS_DAY7_CD8_TCELL_TREATED_MELANOMA_UP
                                                                                                           GOBP_REGULATION_OF_ACTIN_FILAMENT_LENGTH, GOBP_REGULATION_OF_ACTIN_FILAMENT_LENGTH
                                                                                                           GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_60H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_60H_UP
                                                                                                          GSE1432_CTRL_VS_IFNG_1H_MICROGLIA_UP, GSE1432_CTRL_VS_IFNG_1H_MICROGLIA_UP
                                                                                                           GSE22886_CD8_VS_CD4_NAIVE_TCELL_DN, GSE22886_CD8_VS_CD4_NAIVE_TCELL_DN
                                                                                                           GSE40274_SATB1_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_SATB1_VS_FOXP3_AND_SATB1_TRANSDUCED_ACTIVATED_CD4_TCF
                                                                                                          GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIAL_CELLS_DN, GSE10240_IL22_VS_IL22_AND_IL17_STIM_PRIMARY_BRONCHIAL_EPITHELIA
                                                                                                           BIOCARTA_MAPK_PATHWAY, BIOCARTA_MAPK_PATHWAY
                                                                                                           MIR6852 5P, MIR6852 5P
                                                                                                           GSE23321_CD8_STEM_CELL_MEMORY_VS_CENTRAL_MEMORY_CD8_TCELL_UP, GSE23321_CD8_STEM_CELL_MEMORY_VS_CENTRAL_MEMORY_CD8_TCELL_UP
                                                                                                           GSE42021 CD24INT TREG VS CD24INT TCONV THYMUS DN, GSE42021 CD24INT TREG VS CD24INT TCONV THYMUS DN
                                                                                                           GSE28449_WT_VS_LRF_KO_GERMINAL_CENTER_BCELL_DN, GSE28449_WT_VS_LRF_KO_GERMINAL_CENTER_BCELL_DN
                                                                                                          WP_THERMOGENESIS, WP_THERMOGENESIS
                                                                                                          YTCCCRNNAGGY_UNKNOWN, YTCCCRNNAGGY_UNKNOWN
                                                                                                           MIR6134, MIR6134
                                                                                                           MIR624_5P, MIR624_5P
                                                                                                           GSE16385_UNTREATED_VS_12H_IFNG_TNF_TREATED_MACROPHAGE_UP, GSE16385_UNTREATED_VS_12H_IFNG_TNF_TREATED_MACROPHAGE_UP
                                                                                                           GOBP_REGULATION_OF_JNK_CASCADE, GOBP_REGULATION_OF_JNK_CASCADE
                                                                                                           GSE360_L_DONOVANI_VS_T_GONDII_DC_UP, GSE360_L_DONOVANI_VS_T_GONDII_DC_UP
                                                                                                           GOBP_PLASMA_MEMBRANE_ORGANIZATION, GOBP_PLASMA_MEMBRANE_ORGANIZATION
                                                                                                           GSE7509_FCGRIIB_VS_TNFA_IL1B_IL6_PGE_STIM_DC_DN, GSE7509_FCGRIIB_VS_TNFA_IL1B_IL6_PGE_STIM_DC_DN
                                                                                                           GSE11884_WT_VS_FURIN_KO_NAIVE_CD4_TCELL_UP, GSE11884_WT_VS_FURIN_KO_NAIVE_CD4_TCELL_UP
                                                                                                           CAHOY_OLIGODENDROCUTIC, CAHOY_OLIGODENDROCUTIC
                                                                                                           GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN, GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN
                                                                                                           GOBP_HETEROTYPIC_CELL_CELL_ADHESION, GOBP_HETEROTYPIC_CELL_CELL_ADHESION
                                                                                                           ZNF41_TARGET_GENES, ZNF41_TARGET_GENES
                                                                                                           WP_AMPACTIVATED_PROTEIN_KINASE_AMPK_SIGNALING, WP_AMPACTIVATED_PROTEIN_KINASE_AMPK_SIGNALING
                                                                                                           MIR6846_5P, MIR6846_5P
                                                                                                           GOCC CLATHRIN COATED PIT, GOCC CLATHRIN COATED PIT
                                                                                                           AMIT_EGF_RESPONSE_120_MCF10A, AMIT_EGF_RESPONSE_120_MCF10A
                                                                                                           GOCC_CORTICAL_ACTIN_CYTOSKELETON, GOCC_CORTICAL_ACTIN_CYTOSKELETON
                                                                                                           GOMF_PHOSPHOLIPID_TRANSPORTER_ACTIVITY, GOMF_PHOSPHOLIPID_TRANSPORTER_ACTIVITY
                                                                                                           GSE22025_UNTREATED_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELL_UP, GSE22025_UNTREATED_VS_TGFB1_AND_PROGESTERONE_TREATED_CD4_TCELI
                                                                                                           NAKAMURA METASTASIS, NAKAMURA METASTASIS
                                                                                                           SCIBETTA_KDM5B_TARGETS_UP, SCIBETTA_KDM5B_TARGETS_UP
                                                                                                           GSE13887_HEALTHY_VS_LUPUS_RESTING_CD4_TCELL_UP, GSE13887_HEALTHY_VS_LUPUS_RESTING_CD4_TCELL_UP
H_IL4_TREATED_MACROPHAGE_DN, GSE16385_MONOCYTE_VS_12H_IL4_TREATED_MACROPHAGE_DN
                                                                                                           GOCC_CUL4A_RING_E3_UBIQUITIN_LIGASE_COMPLEX, GOCC_CUL4A_RING_E3_UBIQUITIN_LIGASE_COMPLEX
                                                                                                           MIR3150A_3P, MIR3150A_3P
                                                                                                           MIR92A_1_5P, MIR92A_1_5P
                                                                                                           GOBP_POSITIVE_REGULATION_OF_STEROL_TRANSPORT, GOBP_POSITIVE_REGULATION_OF_STEROL_TRANSPORT
                                                                                                           HP_PROXIMAL_MUSCLE_WEAKNESS_IN_UPPER_LIMBS, HP_PROXIMAL_MUSCLE_WEAKNESS_IN_UPPER_LIMBS
                                                                                                           GOBP_CHAPERONE_MEDIATED_AUTOPHAGY, GOBP_CHAPERONE_MEDIATED_AUTOPHAGY
                                                                                                           MIR6763_5P, MIR6763_5P
                                                                                                           GOMF_ACTININ_BINDING, GOMF_ACTININ_BINDING
                                                                                                           TAVAZOIE_METASTASIS, TAVAZOIE_METASTASIS
                                                                                                           GSE12839_CTRL_VS_IL12_TREATED_PBMC_DN, GSE12839_CTRL_VS_IL12_TREATED_PBMC_DN
                                                                                                           ZIRN_TRETINOIN_RESPONSE_WT1_UP, ZIRN_TRETINOIN_RESPONSE_WT1_UP
                                                                                                           GOMF_ABC_TYPE_TRANSPORTER_ACTIVITY, GOMF_ABC_TYPE_TRANSPORTER_ACTIVITY
                                                                                                           HOEK_MYELOID_DENDRITIC_CELL_2011_2012_TIV_ADULT_7DY_UP, HOEK_MYELOID_DENDRITIC_CELL_2011_2012_TIV_ADULT_7DY_UP
                                                                                                           WP_GLYCEROLIPIDS_AND_GLYCEROPHOSPHOLIPIDS, WP_GLYCEROLIPIDS_AND_GLYCEROPHOSPHOLIPIDS
                                                                                                           GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_EFFLUX, GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_EFFLUX
                                                                                                           HP_PERISYLVIAN_POLYMICROGYRIA, HP_PERISYLVIAN_POLYMICROGYRIA
                                                                                                           GOBP_SIGNAL_TRANSDUCTION_INVOLVED_IN_REGULATION_OF_GENE_EXPRESSION, GOBP_SIGNAL_TRANSDUCTION_INVOLVED_IN_REGULATION_OF_GENE_EX
                                                                                                           GOBP_THYROID_GLAND_DEVELOPMENT, GOBP_THYROID_GLAND_DEVELOPMENT
                                                                                                           HP_IMPAIRED_DISTAL_VIBRATION_SENSATION, HP_IMPAIRED_DISTAL_VIBRATION_SENSATION
                                                                                                           GOBP_REGULATION_OF_ODONTOGENESIS_OF_DENTIN_CONTAINING_TOOTH, GOBP_REGULATION_OF_ODONTOGENESIS_OF_DENTIN_CONTAINING_TOOTH
                                                                                                           GOBP_PLASMA_MEMBRANE_TUBULATION, GOBP_PLASMA_MEMBRANE_TUBULATION
                                                                                                           HP_DILATATION_OF_THE_BLADDER, HP_DILATATION_OF_THE_BLADDER
                                                                                                           GOBP_OTIC_VESICLE_FORMATION, GOBP_OTIC_VESICLE_FORMATION
                                                                                                           MIKKELSEN_MEF_ICP_WITH_H3K4ME3_AND_H3K27ME3, MIKKELSEN_MEF_ICP_WITH_H3K4ME3_AND_H3K27ME3
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GOBP_ENAMEL_MINERALIZATION, GOBP_ENAMEL_MINERALIZATION

GOBP_AXONAL_FASCICULATION, GOBP_AXONAL_FASCICULATION

GOBP_PROTEIN_LIPID_COMPLEX_ASSEMBLY, GOBP_PROTEIN_LIPID_COMPLEX_ASSEMBLY

HP_SCLEROTIC_VERTEBRAL_ENDPLATES, HP_SCLEROTIC_VERTEBRAL_ENDPLATES

GOBP NEURON FATE DETERMINATION, GOBP NEURON FATE DETERMINATION

INAMURA_LUNG_CANCER_SCC_DN, INAMURA_LUNG_CANCER_SCC_DN

GOBP_RENAL_SODIUM_EXCRETION, GOBP_RENAL_SODIUM_EXCRETION

GOBP_INTERNEURON_MIGRATION, GOBP_INTERNEURON_MIGRATION

MIR23A_5P, MIR23A_5P

MIR598_5P, MIR598_5P

GOBP_REGULATION_OF_SENSORY_PERCEPTION, GOBP_REGULATION_OF_SENSORY_PERCEPTION

GOBP REGULATION OF CHOLESTEROL EFFLUX, GOBP REGULATION OF CHOLESTEROL EFFLUX

GOBP_FOREBRAIN_NEURON_FATE_COMMITMENT, GOBP_FOREBRAIN_NEURON_FATE_COMMITMENT

GOBP_SKELETAL_MUSCLE_CELL_DIFFERENTIATION, GOBP_SKELETAL_MUSCLE_CELL_DIFFERENTIATION

GOBP_FOREBRAIN_DORSAL_VENTRAL_PATTERN_FORMATION, GOBP_FOREBRAIN_DORSAL_VENTRAL_PATTERN_FORMATION

GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_MIGRATION, GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_MIGRATION

GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_DIFFERENTIATION, GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_DIFFERENTIATION

GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_POSTSYNAPTIC_ENDOSOME_TO_LYSOSOME, GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_POSTSYN

REACTOME_ADRENALINE_NORADRENALINE_INHIBITS_INSULIN_SECRETION, REACTOME_ADRENALINE_NORADRENALINE_INHIBITS_INSULIN_SECRETION

HP_SYMPHALANGISM_OF_MIDDLE_PHALANX_OF_FINGER, HP_SYMPHALANGISM_OF_MIDDLE_PHALANX_OF_FINGER

GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_DEVELOPMENT, GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_DEVELOPMENT GOBP_POSITIVE_REGULATION_OF_ACTIVATED_T_CELL_PROLIFERATION

GOBP_POSITIVE_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR

GSE16385_UNTREATED_VS_12H_ROSIGLITAZONE_IL4_TREATED_MACROPHAGE_UP, GSE16385_UNTREATED_VS_12H_ROSIGLITAZONE_IL4_TREATED_MACROPHAGE

GSE10273 LOW IL7 VS HIGH IL7 AND IRF4 IN IRF4 8 NULL PRE BCELL DN, GSE10273 LOW IL7 VS HIGH IL7 AND IRF4 IN IRF4 8 NULL PRE BCELL DN

GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN, GSE43863_DAY6_EFF_VS_DAY150_MEM_LY6C_INT_CXCR5POS_CD4_TCELL_DN

GSE2405_S_AUREUS_VS_A_PHAGOCYTOPHILUM_NEUTROPHIL_DN, GSE2405_S_AUREUS_VS_A_PHAGOCYTOPHILUM_NEUTROPHIL_DN

GSE6269_FLU_VS_E_COLI_INF_PBMC_UP, GSE6269_FLU_VS_E_COLI_INF_PBMC_UP