```
MIR12129, MIR12129
                                                                                    WP TGFBETA SIGNALING PATHWAY, WP TGFBETA SIGNALING PATHWAY
                                                                                    GCAAAAA_MIR129, GCAAAAA_MIR129
                                                                                    GSE3982 MEMORY CD4 TCELL VS BCELL DN, GSE3982 MEMORY CD4 TCELL VS BCELL DN
                                                                                    GSE29618_PDC_VS_MDC_DAY7_FLU_VACCINE_UP, GSE29618_PDC_VS_MDC_DAY7_FLU_VACCINE_UP
                                                                                    CAGCACT_MIR5123P, CAGCACT_MIR5123P
                                                                                    GSE10325_CD4_TCELL_VS_BCELL_DN, GSE10325_CD4_TCELL_VS_BCELL_DN
                                                                                    MIR5689, MIR5689
                                                                                    MIR374A_3P, MIR374A_3P
                                                                                    GOBP_REGULATION_OF_BIOLOGICAL_PROCESS_INVOLVED_IN_SYMBIOTIC_INTERACTION, GOBP_REGULATION_OF_BIOLOGICAL_PROCESS_INVOLVED_IN_SYMBIOTIC_INTERACTION
                                                                                    MIR4704_3P, MIR4704_3P
                                                                                    GSE29618_BCELL_VS_MONOCYTE_DAY7_FLU_VACCINE_UP, GSE29618_BCELL_VS_MONOCYTE_DAY7_FLU_VACCINE_UP
                                                                                    GSE46242_TH1_VS_ANERGIC_TH1_CD4_TCELL_WITH_EGR2_DELETED_DN, GSE46242_TH1_VS_ANERGIC_TH1_CD4_TCELL_WITH_EGR2_DELETED_DN
                                                                                    OUILLETTE_CLL_13Q14_DELETION_UP, OUILLETTE_CLL_13Q14_DELETION_UP
                                                                                    GSE17721_CTRL_VS_POLYIC_12H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_12H_BMDC_DN
                                                                                    HP_ABNORMAL_METATARSAL_MORPHOLOGY, HP_ABNORMAL_METATARSAL_MORPHOLOGY
                                                                                    GINESTIER_BREAST_CANCER_ZNF217_AMPLIFIED_UP, GINESTIER_BREAST_CANCER_ZNF217_AMPLIFIED_UP
                                                                                    MIR7150, MIR7150
                                                                                    MIR4287, MIR4287
                                                                                    MIR4685_3P, MIR4685_3P
                                                                                     GSE16385_IL4_VS_ROSIGLITAZONE_STIM_MACROPHAGE_DN, GSE16385_IL4_VS_ROSIGLITAZONE_STIM_MACROPHAGE_DN
                                                                                     GSE32901_TH1_VS_TH17_NEG_CD4_TCELL_UP, GSE32901_TH1_VS_TH17_NEG_CD4_TCELL_UP
                                                                                     GSE13762_CTRL_VS_125_VITAMIND_DAY12_DC_UP, GSE13762_CTRL_VS_125_VITAMIND_DAY12_DC_UP
                                                                                    MIR6759_3P, MIR6759_3P
                                                                                    NAKAYA_MONOCYTE_FLUARIX_FLUVIRIN_AGE_18_50YO_7DY_UP, NAKAYA_MONOCYTE_FLUARIX_FLUVIRIN_AGE_18_50YO_7DY_UP
                                                                                    HP_INCREASED_BONE_MINERAL_DENSITY, HP_INCREASED_BONE_MINERAL_DENSITY
                                                                                    ATGTCAC_MIR489, ATGTCAC_MIR489
                                                                                    STAT3_02, STAT3_02
                                                                                    GSE25088 CTRL VS IL4 STIM STAT6 KO MACROPHAGE UP, GSE25088 CTRL VS IL4 STIM STAT6 KO MACROPHAGE UP
                                                                                    GATA2_01, GATA2_01
                                                                                    GOBP_REGULATION_OF_JUN_KINASE_ACTIVITY, GOBP_REGULATION_OF_JUN_KINASE_ACTIVITY
                                                                                    MIR4684_3P, MIR4684_3P
                                                                                    MIR7847_3P, MIR7847_3P
                                                                                     HOEBEKE_LYMPHOID_STEM_CELL_UP, HOEBEKE_LYMPHOID_STEM_CELL_UP
                                                                                    GOBP_MONOCARBOXYLIC_ACID_TRANSPORT, GOBP_MONOCARBOXYLIC_ACID_TRANSPORT
                                                                                     PARK_HSC_MARKERS, PARK_HSC_MARKERS
                                                                                     MIR4264, MIR4264
                                                                                    MIR654_3P, MIR654_3P
                                                                                    GOBP_RESPONSE_TO_OSMOTIC_STRESS, GOBP_RESPONSE_TO_OSMOTIC_STRESS
                                                                                     TGTYNNNNNRGCARM UNKNOWN, TGTYNNNNNRGCARM UNKNOWN
                                                                                    HP_HYPERMELANOTIC_MACULE, HP_HYPERMELANOTIC_MACULE
                                                                                    GOBP_CARDIAC_SEPTUM_DEVELOPMENT, GOBP_CARDIAC_SEPTUM_DEVELOPMENT
                                                                                     TAGAACC_MIR182, TAGAACC_MIR182
                                                                                    MIR934, MIR934
                                                                                    FALVELLA_SMOKERS_WITH_LUNG_CANCER, FALVELLA_SMOKERS_WITH_LUNG_CANCER
                                                                                     GOBP_POSITIVE_REGULATION_OF_T_CELL_PROLIFERATION, GOBP_POSITIVE_REGULATION_OF_T_CELL_PROLIFERATION
                                                                                     GOBP_POSITIVE_REGULATION_OF_JUN_KINASE_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_JUN_KINASE_ACTIVITY
                                                                                     GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_PRO_BCELL_UP, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_PRO_BCELL_UP
                                                                                    GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION
                                                                                    HP_ABNORMALITY_OF_THE_THORACIC_CAVITY, HP_ABNORMALITY_OF_THE_THORACIC_CAVITY
                                                                                    MIR4763_5P, MIR4763_5P
                                                                                    HP_HEMIANOPIA, HP_HEMIANOPIA
                                                                                     GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION
                                                                                     GOBP_CORONARY_VASCULATURE_DEVELOPMENT, GOBP_CORONARY_VASCULATURE_DEVELOPMENT
                                                                                     GOBP_VENTRICULAR_SEPTUM_DEVELOPMENT, GOBP_VENTRICULAR_SEPTUM_DEVELOPMENT
                                                                                     YAATNANRNNNCAG_UNKNOWN, YAATNANRNNNCAG_UNKNOWN
                                                                                     HP_CEREBRAL_PALSY, HP_CEREBRAL_PALSY
                                                                                     GSE19888_CTRL_VS_A3R_ACTIVATION_MAST_CELL_DN, GSE19888_CTRL_VS_A3R_ACTIVATION_MAST_CELL_DN
                                                                                     HP_RESTRICTIVE_VENTILATORY_DEFECT, HP_RESTRICTIVE_VENTILATORY_DEFECT
                                                                                     GOBP_POSITIVE_REGULATION_OF_T_HELPER_CELL_DIFFERENTIATION, GOBP_POSITIVE_REGULATION_OF_T_HELPER_CELL_DIFFERENTIATION
                                                                                     DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_UP, DHIMAN_PBMC_ATTENUVAX_AGE_15_25YO_SUBQ_7_OR_14DY_UP
                                                                                     REACTOME_APOPTOSIS_INDUCED_DNA_FRAGMENTATION, REACTOME_APOPTOSIS_INDUCED_DNA_FRAGMENTATION
                                                                                     HP_ADDICTIVE_BEHAVIOR, HP_ADDICTIVE_BEHAVIOR
                                                                                     AMIT_DELAYED_EARLY_GENES, AMIT_DELAYED_EARLY_GENES
                                                                                    HP_APLASIA_HYPOPLASIA_OF_METATARSAL_BONES, HP_APLASIA_HYPOPLASIA_OF_METATARSAL_BONES
                                                                                    GHANDHI_DIRECT_IRRADIATION_DN, GHANDHI_DIRECT_IRRADIATION_DN
                                                                                    HP_TYPE_II_LISSENCEPHALY, HP_TYPE_II_LISSENCEPHALY
                                                                                    HP_IRREGULAR_MENSTRUATION, HP_IRREGULAR_MENSTRUATION
                                                                                   - HP_OSTEOARTHRITIS, HP_OSTEOARTHRITIS
_DAY7_FLU_VACCINE_PDC_DN, GSE29618_PRE_VS_DAY7_FLU_VACCINE_PDC_DN
                                                                                    GOBP_MODULATION_BY_SYMBIONT_OF_ENTRY_INTO_HOST, GOBP_MODULATION_BY_SYMBIONT_OF_ENTRY_INTO_HOST
                                                                                    HP_ABDOMINAL_AORTIC_ANEURYSM, HP_ABDOMINAL_AORTIC_ANEURYSM
                                                                                     GOBP_NEGATIVE_REGULATION_OF_JNK_CASCADE, GOBP_NEGATIVE_REGULATION_OF_JNK_CASCADE
                                                                                    GOBP_MONOAMINE_TRANSPORT, GOBP_MONOAMINE_TRANSPORT
                                                                                     CEBALLOS_TARGETS_OF_TP53_AND_MYC_DN, CEBALLOS_TARGETS_OF_TP53_AND_MYC_DN
                                                                                     GOBP_POSITIVE_REGULATION_OF_PROTEIN_POLYUBIQUITINATION, GOBP_POSITIVE_REGULATION_OF_PROTEIN_POLYUBIQUITINATION
                                                                                     GOBP_POSITIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_PRODUCTION, GOBP_POSITIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_PRODUCTION
                                                                                     GOBP_NEGATIVE_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE, GOBP_NEGATIVE_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE
                                                                                     TOMLINS_METASTASIS_UP, TOMLINS_METASTASIS_UP
                                                                                     GOBP_POSITIVE_REGULATION_OF_BONE_MINERALIZATION, GOBP_POSITIVE_REGULATION_OF_BONE_MINERALIZATION
                                                                                     VANASSE_BCL2_TARGETS_UP, VANASSE_BCL2_TARGETS_UP
                                                                                     GOBP NEGATIVE REGULATION OF BLOOD PRESSURE, GOBP NEGATIVE REGULATION OF BLOOD PRESSURE
                                                                                     IVANOVA HEMATOPOIESIS STEM CELL SHORT TERM, IVANOVA HEMATOPOIESIS STEM CELL SHORT TERM
                                                                                     GOBP POSITIVE REGULATION OF BIOMINERALIZATION, GOBP POSITIVE REGULATION OF BIOMINERALIZATION
                                                                                     REACTOME_ACYL_CHAIN_REMODELLING_OF_PC, REACTOME_ACYL_CHAIN_REMODELLING_OF_PC
                                                                                     GOCC GTPASE COMPLEX, GOCC GTPASE COMPLEX
                                                                                     GOBP_POST_EMBRYONIC_ANIMAL_MORPHOGENESIS, GOBP_POST_EMBRYONIC_ANIMAL_MORPHOGENESIS
                                                                                     GOBP POSITIVE REGULATION OF ALPHA BETA T CELL PROLIFERATION, GOBP POSITIVE REGULATION OF ALPHA BETA T CELL PROLIFERATION
                                                                                     HP_LIMITATION_OF_KNEE_MOBILITY, HP_LIMITATION_OF_KNEE_MOBILITY
                                                                                     GOBP_GLUTAMATE_SECRETION, GOBP_GLUTAMATE_SECRETION
                                                                                     HP_MOOD_CHANGES, HP_MOOD_CHANGES
                                                                                     HP IMPAIRED_MASTICATION, HP_IMPAIRED_MASTICATION
                                                                                     GOBP_REGULATION_OF_CATECHOLAMINE_UPTAKE_INVOLVED_IN_SYNAPTIC_TRANSMISSION, GOBP_REGULATION_OF_CATECHOLAMINE_UPTAKE_INVOLVED_IN_SYNAPTIC_TRANSMISSION,
                                                                                     GOBP_TONIC_SMOOTH_MUSCLE_CONTRACTION, GOBP_TONIC_SMOOTH_MUSCLE_CONTRACTION
                                                                                     GOBP AMINE TRANSPORT, GOBP AMINE TRANSPORT
                                                                                     MARTINELLI_IMMATURE_NEUTROPHIL_UP, MARTINELLI_IMMATURE_NEUTROPHIL_UP
                                                                                     HP_AORTIC_DISSECTION, HP_AORTIC_DISSECTION
                                                                                     HP_PETERS_ANOMALY, HP_PETERS_ANOMALY
                                                                                    GOMF_ADRENERGIC_RECEPTOR_ACTIVITY, GOMF_ADRENERGIC_RECEPTOR_ACTIVITY
                                                                                     REACTOME_ADRENOCEPTORS, REACTOME_ADRENOCEPTORS
                                                                                    GOBP_POSTSYNAPTIC_MEMBRANE_ORGANIZATION, GOBP_POSTSYNAPTIC_MEMBRANE_ORGANIZATION
                                                                                    GOBP_ACTIVATION_OF_NF_KAPPAB_INDUCING_KINASE_ACTIVITY, GOBP_ACTIVATION_OF_NF_KAPPAB_INDUCING_KINASE_ACTIVITY
                                                                                    GOBP_POSITIVE_REGULATION_OF_MAST_CELL_ACTIVATION, GOBP_POSITIVE_REGULATION_OF_MAST_CELL_ACTIVATION
                                                                                     REACTOME_VLDL_CLEARANCE, REACTOME_VLDL_CLEARANCE
                                                                                     GOBP_PHOSPHATIDYLETHANOLAMINE_ACYL_CHAIN_REMODELING, GOBP_PHOSPHATIDYLETHANOLAMINE_ACYL_CHAIN_REMODELING
                                                                                    SEF1_C, SEF1_C
                                                                                     KIM ALL DISORDERS OLIGODENDROCYTE NUMBER CORR DN, KIM ALL DISORDERS OLIGODENDROCYTE NUMBER CORR DN
                                                                                    GOBP_REGULATION_OF_PROTEIN_KINASE_A_SIGNALING, GOBP_REGULATION_OF_PROTEIN_KINASE_A_SIGNALING
                                                                                     HP_CLUBBING_OF_FINGERS, HP_CLUBBING_OF_FINGERS
                                                                                    GOBP_REGULATION_OF_NEUROTRANSMITTER_UPTAKE, GOBP_REGULATION_OF_NEUROTRANSMITTER_UPTAKE
                                                                                     GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE_BY_NOREPINEPHRINE_EPINEPHRINE, GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE_BY_NOREPINE
                                                                                    GOCC_CELL_BODY_FIBER, GOCC_CELL_BODY_FIBER
                                                                                    HP_ABNORMAL_CELLULAR_COMPOSITION_OF_BRONCHOALVEOLAR_FLUID, HP_ABNORMAL_CELLULAR_COMPOSITION_OF_BRONCHOALVEOLAR_FLUID
                                                                                    DIERICK_SEROTONIN_FUNCTION_GENES, DIERICK_SEROTONIN_FUNCTION_GENES
                                                                                    HP_INCREASED_PULMONARY_VASCULAR_RESISTANCE, HP_INCREASED_PULMONARY_VASCULAR_RESISTANCE
                                                                                    WP_SEROTONIN_RECEPTOR_2_AND_ELKSRFGATA4_SIGNALING, WP_SEROTONIN_RECEPTOR_2_AND_ELKSRFGATA4_SIGNALING
                                                                                    GOBP_RECEPTOR_DIFFUSION_TRAPPING, GOBP_RECEPTOR_DIFFUSION_TRAPPING
                                                                                     GOBP_NEGATIVE_REGULATION_OF_CELL_MATURATION, GOBP_NEGATIVE_REGULATION_OF_CELL_MATURATION
                                                                                    GOBP_URINARY_TRACT_SMOOTH_MUSCLE_CONTRACTION, GOBP_URINARY_TRACT_SMOOTH_MUSCLE_CONTRACTION
                                                                                    GOBP_NEUROTRANSMITTER_GATED_ION_CHANNEL_CLUSTERING, GOBP_NEUROTRANSMITTER_GATED_ION_CHANNEL_CLUSTERING
                                                                                    GOBP_REGULATION_OF_FATTY_ACID_TRANSPORT, GOBP_REGULATION_OF_FATTY_ACID_TRANSPORT
                                                                                    GOBP_REGULATION_OF_PHOSPHATIDYLINOSITOL_BIOSYNTHETIC_PROCESS, GOBP_REGULATION_OF_PHOSPHATIDYLINOSITOL_BIOSYNTHETIC_PROCESS
                                                                                    GOBP_LUNG_ASSOCIATED_MESENCHYME_DEVELOPMENT, GOBP_LUNG_ASSOCIATED_MESENCHYME_DEVELOPMENT
                                                                                    GOBP_URINARY_BLADDER_SMOOTH_MUSCLE_CONTRACTION, GOBP_URINARY_BLADDER_SMOOTH_MUSCLE_CONTRACTION
                                                                                    GOBP_RECEPTOR_LOCALIZATION_TO_NON_MOTILE_CILIUM, GOBP_RECEPTOR_LOCALIZATION_TO_NON_MOTILE_CILIUM
                                                                                    GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING, GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING
                                                                                    GOBP_PHOSPHATIDYLSERINE_ACYL_CHAIN_REMODELING, GOBP_PHOSPHATIDYLSERINE_ACYL_CHAIN_REMODELING
                                                                                    REACTOME_SEROTONIN_RECEPTORS, REACTOME_SEROTONIN_RECEPTORS
                                                                                    GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_VESICLE_ENDOCYTOSIS, GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_VESICLE_ENDOCYTOSIS
                                                                                    GOMF_CORTICOTROPIN_RELEASING_HORMONE_RECEPTOR_BINDING, GOMF_CORTICOTROPIN_RELEASING_HORMONE_RECEPTOR_BINDING
                                                                                    REACTOME_ACYL_CHAIN_REMODELLING_OF_PE, REACTOME_ACYL_CHAIN_REMODELLING_OF_PE
                                                                                    GOCC_CHYLOMICRON, GOCC_CHYLOMICRON
                                                                                    GOBP_CORNEA_DEVELOPMENT_IN_CAMERA_TYPE_EYE, GOBP_CORNEA_DEVELOPMENT_IN_CAMERA_TYPE_EYE
                                                                                    GOMF_AMINE_BINDING, GOMF_AMINE_BINDING
                                                                                    GOBP_REGULATION_OF_LIPOPHAGY, GOBP_REGULATION_OF_LIPOPHAGY
                                                                                    GOBP_POSITIVE_REGULATION_OF_AMPA_RECEPTOR_ACTIVITY, GOBP_POSITIVE_REGULATION_OF_AMPA_RECEPTOR_ACTIVITY
                                                                                    GOMF_11_CIS_RETINAL_BINDING, GOMF_11_CIS_RETINAL_BINDING
                                                                                    WP_MONOAMINE_GPCRS, WP_MONOAMINE_GPCRS
                                                                                    GOMF_BMP_BINDING, GOMF_BMP_BINDING
                                                                                    GOMF_CATECHOLAMINE_BINDING, GOMF_CATECHOLAMINE_BINDING
                                                                                    HP_SPONTANEOUS_ABORTION, HP_SPONTANEOUS_ABORTION
                                                                                    GOBP_SECRETION_BY_TISSUE, GOBP_SECRETION_BY_TISSUE
                                                                                    REACTOME_OPSINS, REACTOME_OPSINS
                                                                                    GOBP_ACYLGLYCEROL_TRANSPORT, GOBP_ACYLGLYCEROL_TRANSPORT
                                                                                    GOBP_CARDIAC_MUSCLE_MYOBLAST_PROLIFERATION, GOBP_CARDIAC_MUSCLE_MYOBLAST_PROLIFERATION
                                                                                     GOMF_G_PROTEIN_COUPLED_AMINE_RECEPTOR_ACTIVITY, GOMF_G_PROTEIN_COUPLED_AMINE_RECEPTOR_ACTIVITY
                                                                                     REACTOME_AMINE_LIGAND_BINDING_RECEPTORS, REACTOME_AMINE_LIGAND_BINDING_RECEPTORS
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GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_PDC_DN, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_PDC_DN

GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_BCELL_DN, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_BCELL_DN

GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_DN, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MDC_DN

GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_PDC_DN, GSE29618_PRE_VS_DAY7_POST_TIV_FLU_VACCINE_PDC_DN

GSE29618_MONOCYTE_VS_PDC_DAY7_FLU_VACCINE_DN, GSE29618_MONOCYTE_VS_PDC_DAY7_FLU_VACCINE_DN

GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN, GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN

GSE17721_POLYIC_VS_GARDIQUIMOD_4H_BMDC_DN, GSE17721_POLYIC_VS_GARDIQUIMOD_4H_BMDC_DN

GSE17721_POLYIC_VS_PAM3CSK4_4H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_4H_BMDC_DN

PECE_MAMMARY_STEM_CELL_DN, PECE_MAMMARY_STEM_CELL_DN