

Supplementary Table 1.

The list below summarizes all treatments, diseases, and other perturbations from the human datasets available for meta-analysis in Genevestigator, as of March 2008. Numbers in brackets indicate the number of independent studies.

Airway brushing (non-smoker)
Airway brushing (smoker)
AMD early (Age-related Macular Degeneration)
AMD late (Geographic Atrophy)
ALK depletion (shRNA) (2) (Anaplastic Lymphoma Kinase)
Antibioticum: actinomycin D
Antibioticum: cycloheximide
Antibioticum: doxycyclin (4)
Antibioticum: echinomycin
Antibioticum: monorden (2)
Antibioticum: novobiocin
Antibioticum: trichostatin A
Antibodies: anti-FcgRIIB (2)
antiCD3 activation
antiCD40/II4 activation
Beverage intake: grape juice
Beverage intake: wine
Beverage intake: alcohol
Beverage intake: water
Cardiac allograft rejection
c-MYC depletion (RNAi) (4)
Cell cycle inhibition
Chemical: AG1478
Chemical: AM580
Chemical: arachidonic acid
Chemical: arachidonyltrifluoromethane
Chemical: arsenite
Chemical: atorvastatin (2)
Chemical: atorvastatin / mevalonate (2)
Chemical: Bay11-7082 (2)
Chemical: bexarotene
Chemical: bicalutamide
Chemical: BPDE
Chemical: camptothecin
Chemical: celecoxib
Chemical: CEP-14083
Chemical: CEP-14513
Chemical: clofibrate
Chemical: chloroquine
Chemical: chlorpromazine
Chemical: chlorpropamide
Chemical: ciclosporin
Chemical: cisplatin
Chemical: cisplatin/oxaliplatin
Chemical: cobalt chloride
Chemical: copper sulfate
Chemical: DAPT
Chemical: dexamethasone (2)
Chemical: dioxin
Chemical: exisulind
Chemical: fludrocortisone
Chemical: fulvestrant
Chemical: geldanamycin
Chemical: gemcitabine
Chemical: gemcitabine / bexarotene
Chemical: genistein (2)

Chemical: haloperidol
Chemical: iloprost
Chemical: imatinib
Chemical: indometacin
Chemical: lipopolysaccharide
Chemical: LM-1685
Chemical: LY294002 (4)
Chemical: menadione (1)
Chemical: metformin
Chemical: metoprolol
Chemical: mevalonate (2)
Chemical: MK886 (3)
Chemical: monastrol (2)
Chemical: motexafin gadolinium
Chemical: nebivolol
Chemical: nifedipine
Chemical: nordihydroguaiaretic acid
Chemical: NU-1025
Chemical: oxaliplatin
Chemical: peginterferon (2)
Chemical: phorbol 12-myristate 13-acetate
Chemical: pirinixic acid (2)
Chemical: PP-2
Chemical: prednisolone (2)
Chemical: resveratrol
Chemical: rofecoxib
Chemical: rosiglitazone (2)
Chemical: rosiglitazone / AGN193109
Chemical: rotenone
Chemical: RT1-6413-018
Chemical: sapphyrin PCI-2050 (2)
Chemical: sapphyrin PCI-5002 (2)
Chemical: sapphyrin PCI-5002 / ZnOAc2
Chemical: sapphyrin PCI-5003
Chemical: SC-58125
Chemical: simvastatin
Chemical: sodium phenylbutyrate
Chemical: sphingosine-1-phosphate
Chemical: staurosporine
Chemical: sulindac
Chemical: tacrolimus
Chemical: tamoxifen (2)
Chemical: tetraethylenepentamine
Chemical: thalidomide
Chemical: thioridazine
Chemical: tretinoin (2)
Chemical: troglitazone
Chemical: urocanic acid
Chemical: U0126
Chemical: valproic acid (3)
Chemical: W-13
Chemical: ZnOAc2
Chemical: 5-aza-2'-deoxycytidine
Chemical: 5-aza-2'-deoxycytidine / TSA
Chemical: 17-allylamino-geldanamycin (2)
Deferoxamine stimulation (2)
Disease: acromegaly
Disease: acute placental malaria
Disease: acute quadriplegic myopathy
Disease: adenomyosis
Disease: age-related macular degeneration (2)
Disease: Alzheimer's disease (5)
Disease: amyotrophic lateral sclerosis

Disease: atopic dermatitis (2)
Disease: atrial fibrillation
Disease: bacterial infectious colitis
Disease: Barrett's esophagus
Disease: Becker muscular dystrophy
Disease: bipolar disorder (2)
Disease: calpainopathy (LGMD2A)
Disease: chronic obstructive pulmonary disease
Disease: chronic placental malaria
Disease: Crohn's disease (2)
Disease: cystic fibrosis (2)
Disease: dermatomyositis (2)
Disease: diabetes
Disease: Down syndrome (trisomy21) (4)
Disease: Duchenne muscular dystrophy (3)
Disease: dysferlinopathy (LGMD2B)
Disease: Edwards syndrome (trisomy18)
Disease: Emery Dreifuss muscular dystrophy (AD)
Disease: Emery Dreifuss muscular dystrophy (XR)
Disease: emphysema
Disease: endometriosis (2)
Disease: fascioscapulohumeral muscular dystrophy
Disease: glaucoma
Disease: hereditary gingival fibromatosis
Disease: hereditary spastic paraplegia (SPG4)
Disease: Huntington's disease (9)
Disease: Hutchinson–Gilford progeria syndrome
Disease: Job's syndrome (2)
Disease: juvenile dermatomyositis
Disease: juvenile rheumatoid arthritis (JRA)
Disease: juvenile rheumatoid arthritis pauci
Disease: juvenile rheumatoid arthritis poly
Disease: juvenile spondyloarthropathy
Disease: later developed bronchopulmonary dysplasia
Disease: limb-girdle muscular dystrophie (21)
Disease: lung tumor (2)
Disease: malaria (2)
Disease: MED: A3243G-MELAS
Disease: MED: A3243G-PEO
Disease: MED: mtDNA "Common"-deletion
Disease: ocular surface disorder
Disease: osteoarthritis (2)
Disease: Parkinson's disease (14)
Disease: Patau syndrome (trisomy13)
Disease: plaque-type psoriasis
Disease: polycystic ovary syndrome (2)
Disease: progressive supranuclear palsy
Disease: psoriasis
Disease: Rett Syndrome
Disease: rheumatoid arthritis (4)
Disease: sarcoidosis
Disease: schizophrenia
Disease: Systemic Onset Juvenile Idiopathic Arthritis (SoJIA)
Disease: spina bifida
Disease: subclinical interstitial fibrosis
Disease: ulcerative colitis (3)
Disease: vulvar intraepithelial neoplasia
Euglycemic clamp
EWS/FLI-1 depletion (shRNA) (2)
Exercise (5)
Exogenous antigens (4)
Growth Factors and Cytokines: G-CSF
Growth Factors and Cytokines: heregulin

Growth Factors and Cytokines: heregulin / Chemical: AG1478
Growth Factors and Cytokines: heregulin / Chemical: U0126
Growth Factors and Cytokines: IFN-a2b
Growth Factors and Cytokines: IFN-g (2)
Growth Factors and Cytokines: IL-1b
Growth Factors and Cytokines: IL-1
Growth Factors and Cytokines: IL-4 / GM-CSF
Growth Factors and Cytokines: IL-6
Growth Factors and Cytokines: IL-19
Growth Factors and Cytokines: IL-20
Growth Factors and Cytokines: IL-22
Growth Factors and Cytokines: IL-24
Growth Factors and Cytokines: IL-26d
Growth Factors and Cytokines: KGF
Growth Factors and Cytokines: SDF (4)
Growth Factors and Cytokines: TGF-b (4)
Growth Factors and Cytokines: TNF-a (3)
Growth Factors and Cytokines: TNF-a / IL-1b / IL-6 / PGE2
Heart failure: chronic
Heart-failure: idiopathic dilated cardiomyopathy (2)
Heart-failure: ischemic cardiomyopathy
Heart-failure: familial cardiomyopathy
Heart-failure: hypertrophic cardiomyopathy
Heart-failure: post-partum cardiomyopathy
Heart-failure: viral cardiomyopathy
Heat shock (2)
HIF-1a depletion (siRNA)
Hormone: angiotensin II
Hormone: dihydrotestosterone (3)
Hormone: testosterone
Hormone: testosterone / anastrozole
Hormone: testosterone / letrozole
Hormone: testosterone / tamoxifen
Hormone: 17alpha-estradiol
Hormone: 17beta-estradiol (7)
Hormone: 17beta-estradiol / cycloheximide
House dust mite
Human AB serum
Hyper-osmotic stimulation
Hypo-osmotic stimulation
Hypoxia (2)
IgG / C3bi stimulation (4)
Inadequate protein intake
Infection: adenovirus (3)
Infection: adenovirus c-Myb
Infection: adenovirus A-Myb
Infection: A. fumigatus
Infection: A. phagocytophilum
Infection: B. burgdorferi
Infection: B. burgdorferi / Growth Factors and Cytokines
Infection: C. albicans (2)
Infection: C. parvum
Infection: Epstein-Barr virus
Infection: HIV (2)
Infection: measles virus
Infection: N. meningitides (3)
Infection: oncolytic herpes simplex virus (4)
Infection: P. aeruginosa (2)
Infection: S. flexneri
Infection: S. pneumoniae (7)
Insulin
Intraluminal pressure
Kidney transplantation (7)

Knee immobilization
KSHV microRNA expression
Left ventricular assist device (3)
Leukotriene D4 stimulation
Lipoprotein stimulation
LMO4 deletion
Low density lipoproteins
LPS/Ifng activation
MeCP2 decoy transfection
Mucociliary differentiation
Muscle disuse atrophy (2)
Myoblast differentiation
Obesity (2)
Optineurin depletion (RNAi)
Ovulation (3)
Ox-Low density lipoproteins
p63 depletion (shRNA)
Pediatric septic shock
Peptide: Ac1-25
Pollutant particle exposure
Polyamide: 1R-Chl
Polyamide: ARE (1)
Polyamide: control (2)
Polyamide: FA1 (2)
Polyamide: FA2
Polyamide: (FRDA) FA1 (2)
Polyamide: (FRDA) FA2
Polyamide: HRE (1)
Polycomb depletion (siRNA)
Protein: Galectin-1
Ramos(pinco BCL6DPEST) (5)
recombinant adenovirus infection: cMyb
recombinant adenovirus infection: vMyb
RENT1/hUPF1 siRNA
RhoGDIbeta depletion (siRNA)
Serum Amyloid A stimulation
Serum deprivation (2)
Severe traumatic injury
Shear stress
Smoking (4)
Social isolation
Solar ultraviolet radiation
Surgery: gastric bypass
TLR2/1L stimulation
Trophoblast conditioned media
Trovafloxacin
Tumors: adenocarcinoma
Tumors: aldosterone-producing adenoma
Tumors: anaplastic large cell lymphoma
Tumors: angioimmunoblastic T-Cell lymphoma
Tumors: Barrett's-associated adenocarcinoma
Tumors: B-cell chronic lymphocytic leukemia (7) (B-CLL)
Tumors: bladder cancer (3)
Tumors: breast cancer (7)
Tumors: cervical squamous cell carcinoma (2)
Tumors: colorectal adenomas (small)
Tumors: colorectal adenomas (large)
Tumors: diffuse large B cell lymphoma (6) (DLBCL)
Tumors: follicular lymphoma
Tumors: hairy cell leukemia (2)
Tumors: HNF1-alpha mutated HCA
Tumors: hypopharyngeal cancer
Tumors: kidney cancer

Tumors: mantle cell lymphoma
Tumors: melanoma
Tumors: metastatic prostate cancer
Tumors: multiple myeloma
Tumors: nephroblastom
Tumors: oral squamous cell carcinoma
Tumors: ovarian tumor (clear cell carcinoma)
Tumors: ovarian tumor (endometrioid) (4)
Tumors: ovarian tumor (mucinous) (2)
Tumors: ovarian tumor (serous) (2)
Tumors: papillary thyroid carcinoma
Tumors: peripheral T-Cell lymphoma/unspecified
Tumors: primary effusion lymphoma
Tumors: primary prostate cancer
Tumors: prostate cancer (2)
Tumors: thyroid cancer (center area)
Tumors: thyroid cancer (invasive area)
Tumors: uterine fibroid (3)
Tumors: Waldenström's macroglobulinemia (2)
UCA / UVR
UPF1 depletion (siRNA)
UV light
Vitamin D3