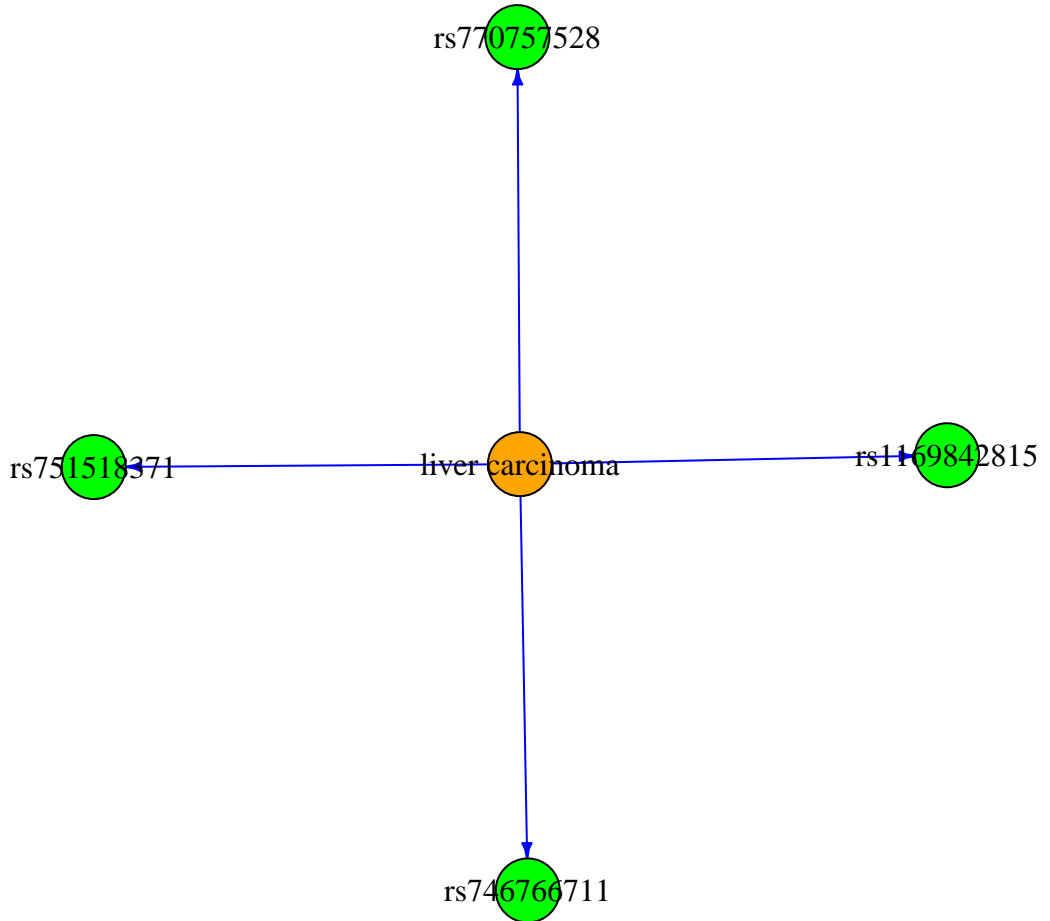
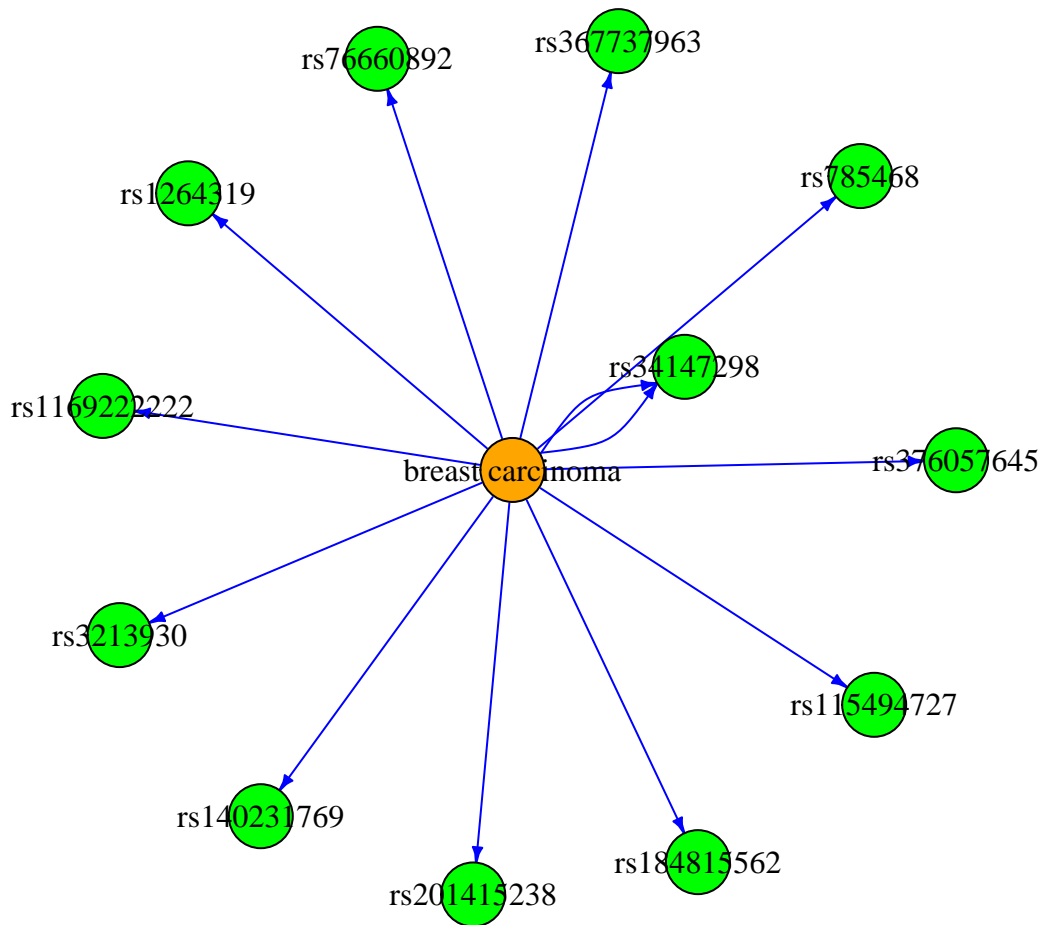


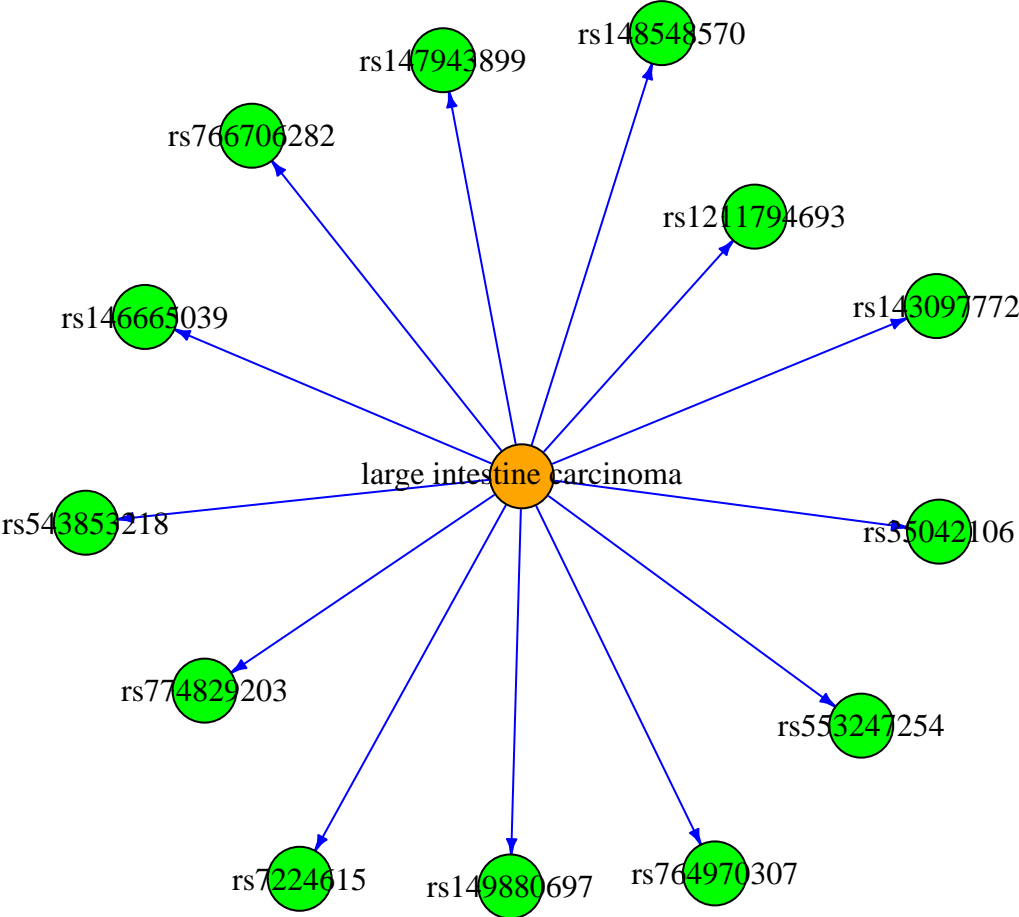
## Variant-Disease Network (liver carcinoma)



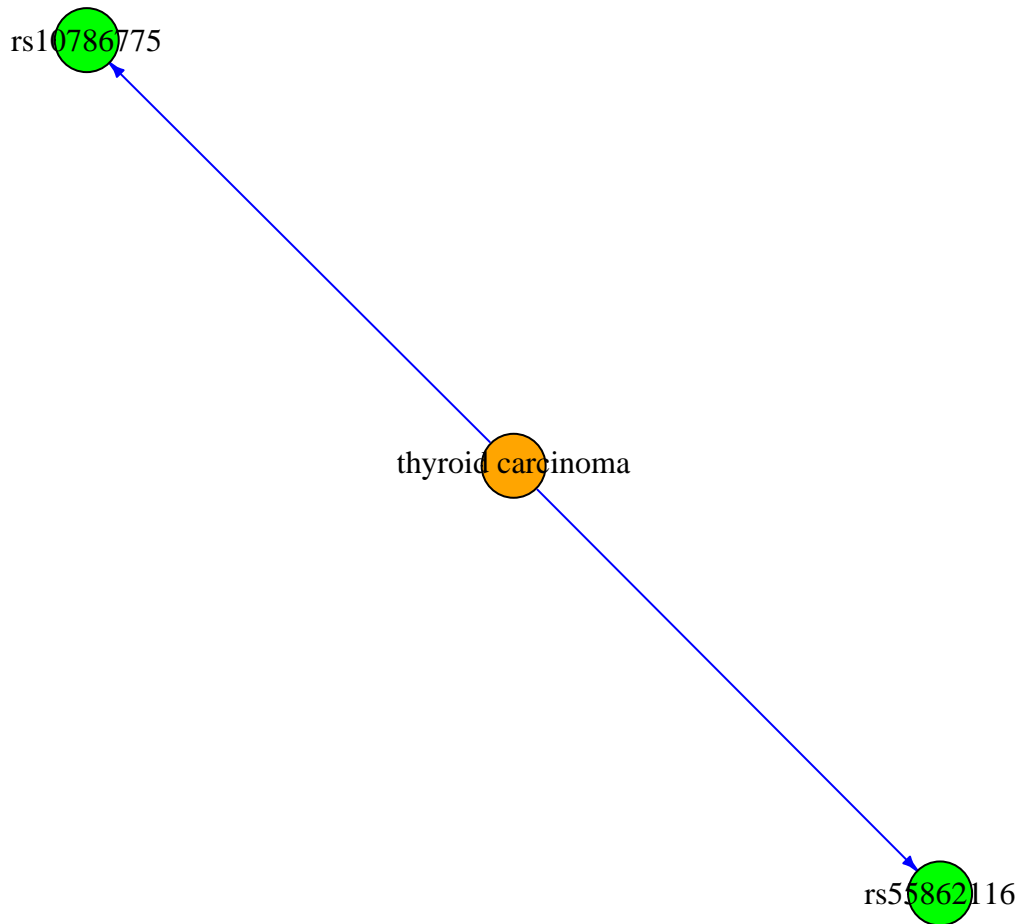
Variant–Disease Network (breast carcinoma)



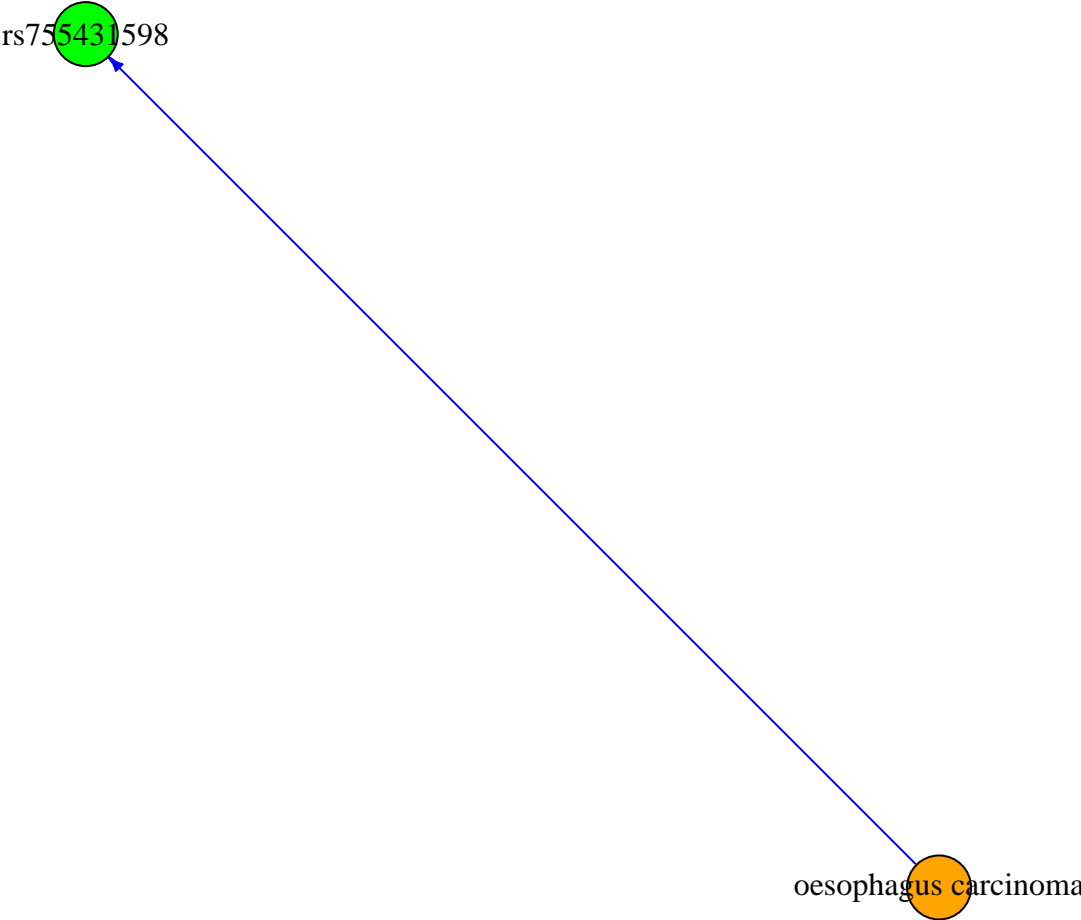
**Variant–Disease Network (large intestine carcinoma)**



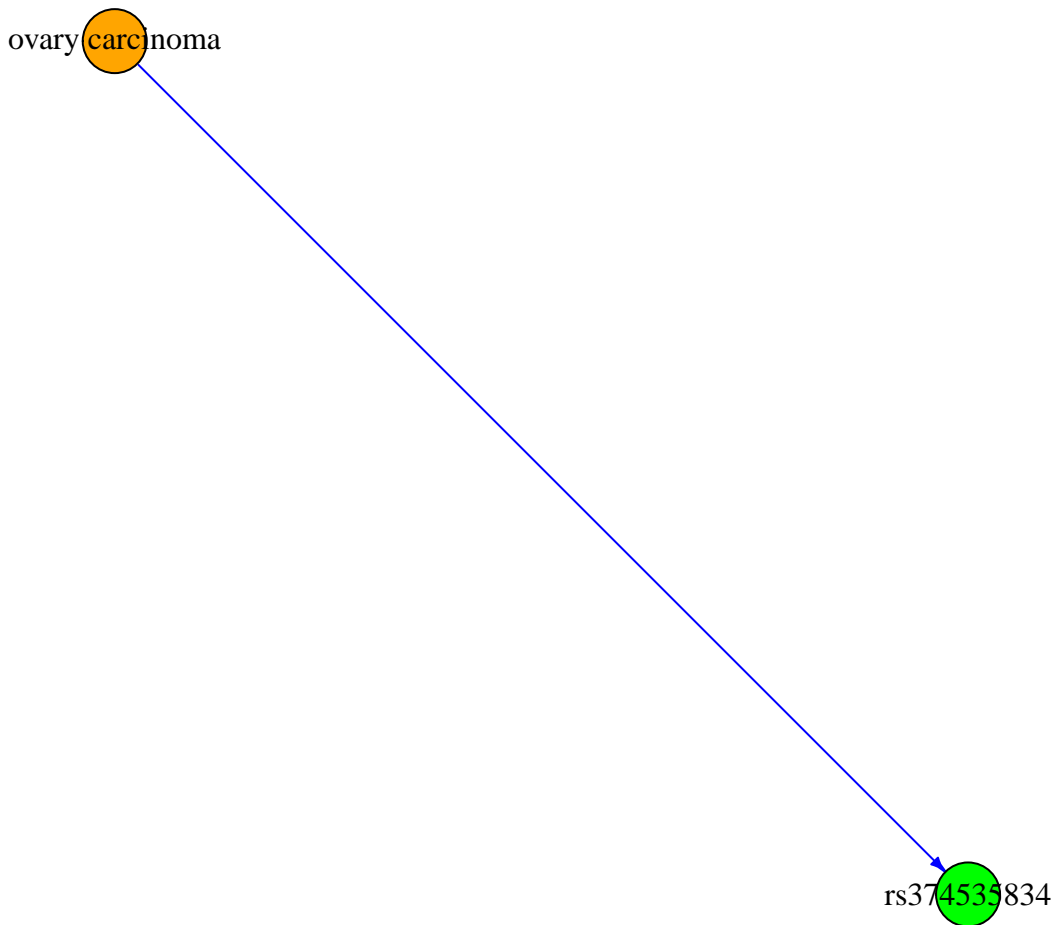
## Variant–Disease Network (thyroid carcinoma)



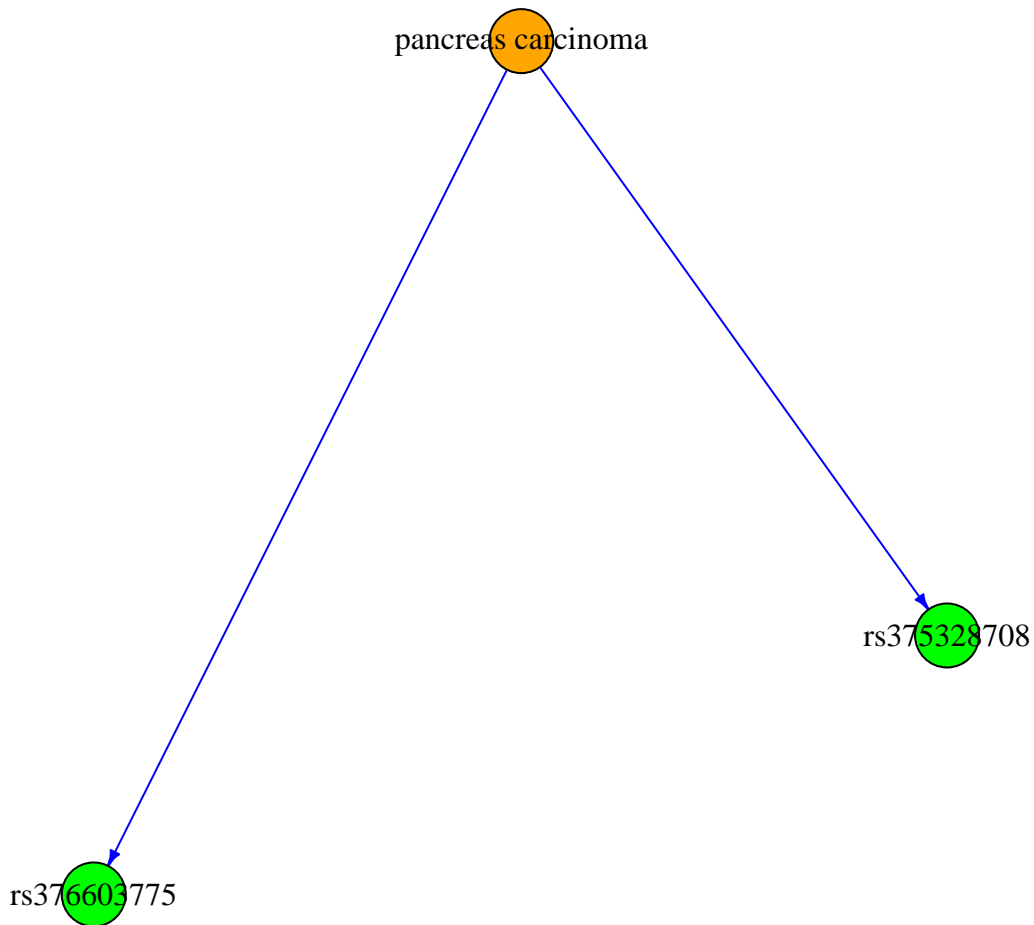
**Variant–Disease Network (oesophagus carcinoma)**



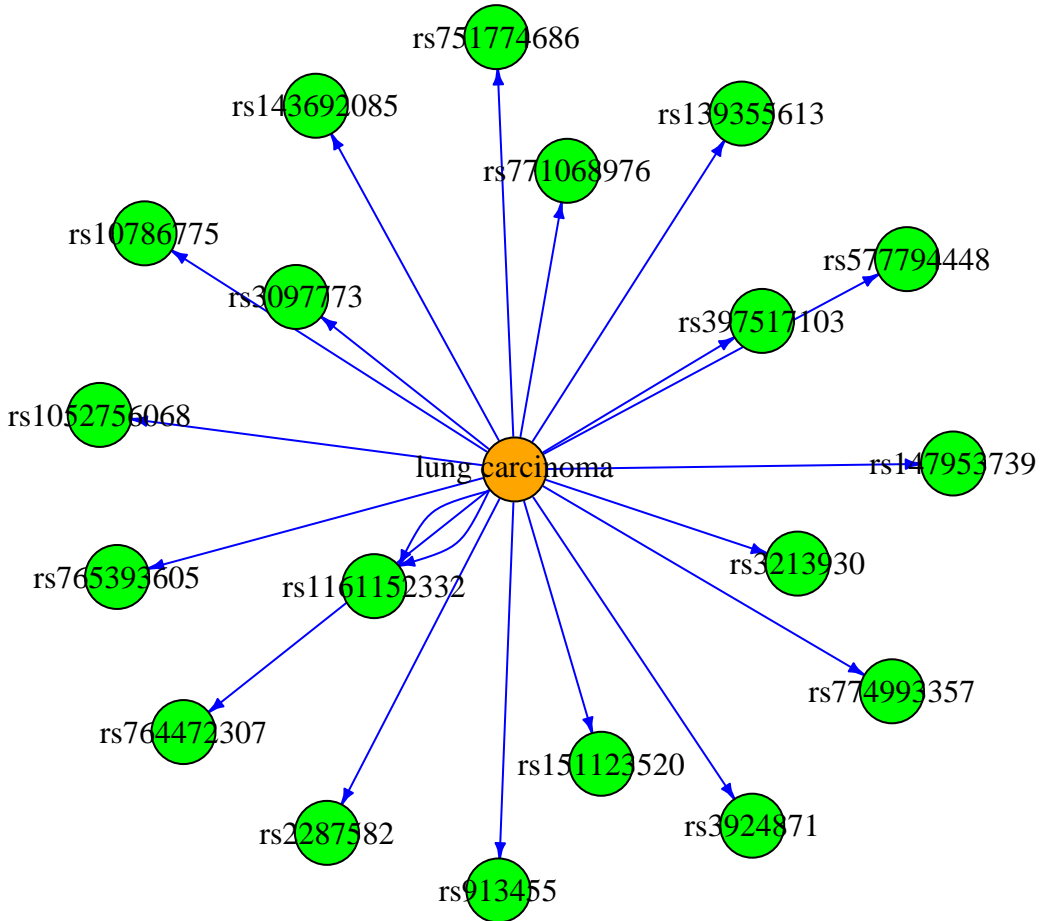
## Variant–Disease Network (ovary carcinoma)



## Variant–Disease Network (pancreas carcinoma)

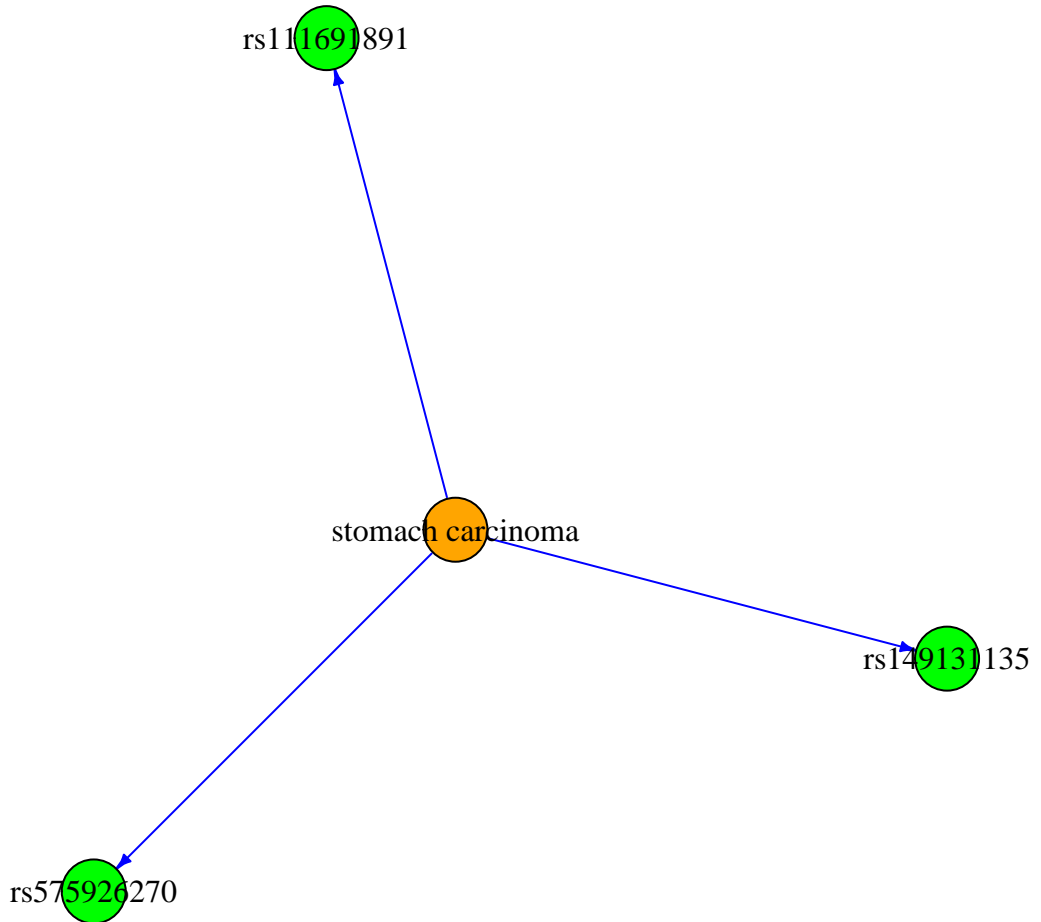


## Variant-Disease Network (lung carcinoma)

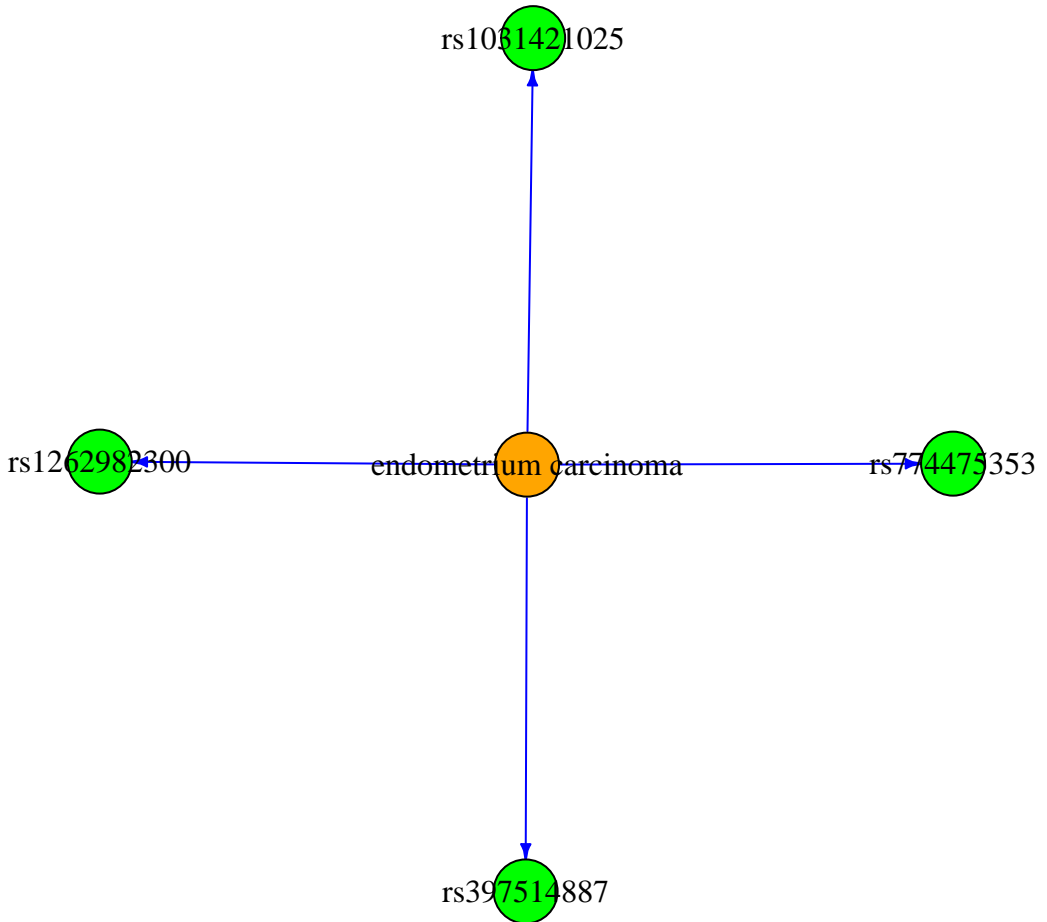




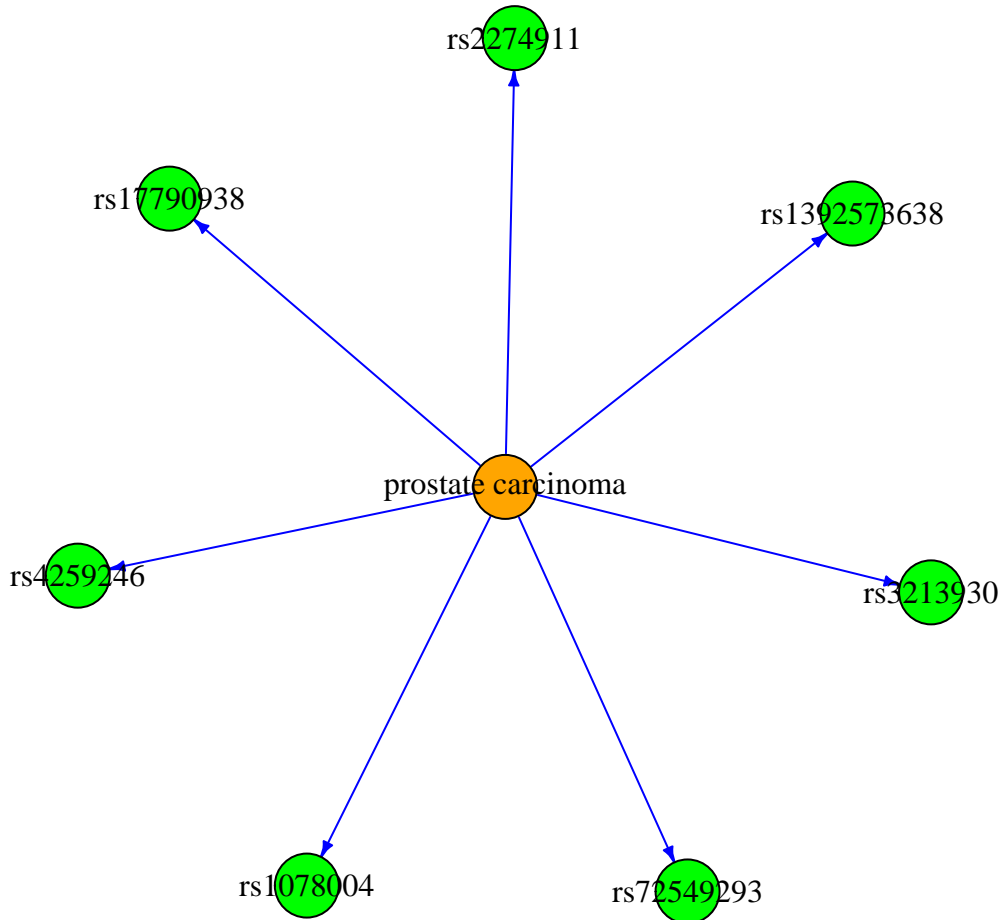
## Variant–Disease Network (stomach carcinoma)



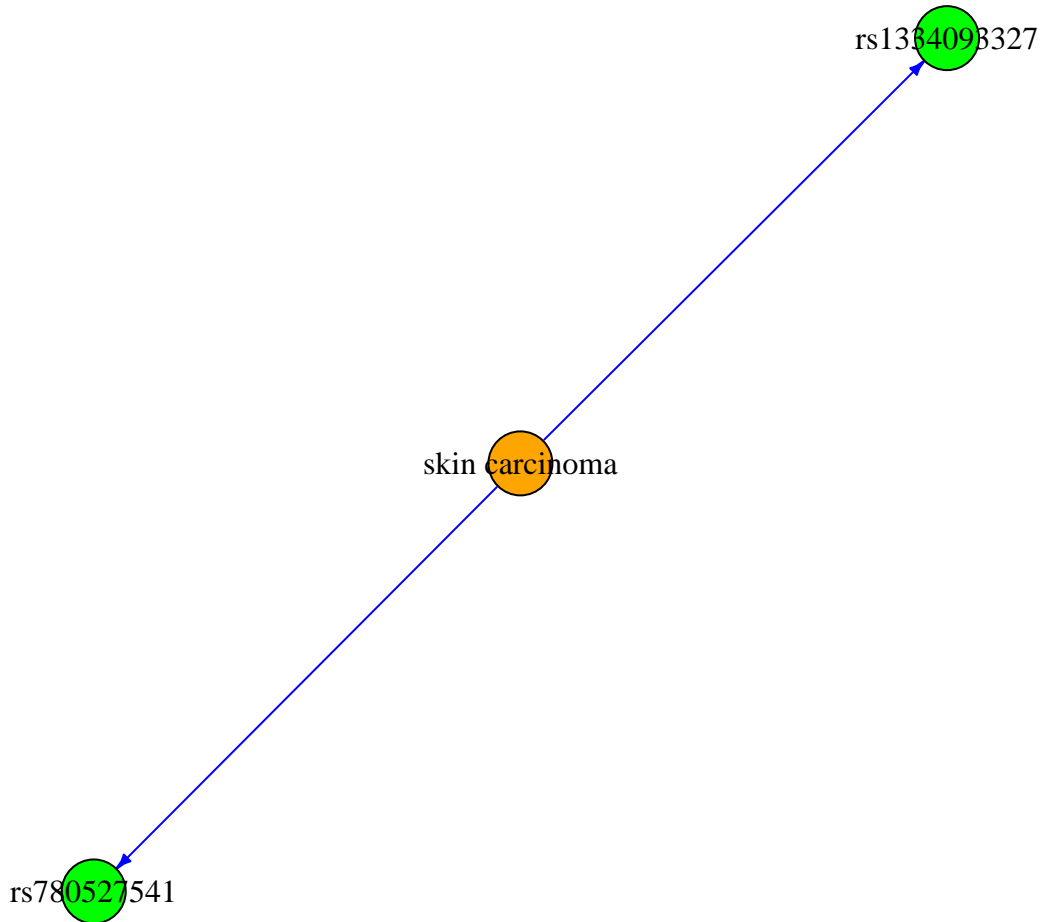
## Variant-Disease Network (endometrium carcinoma)



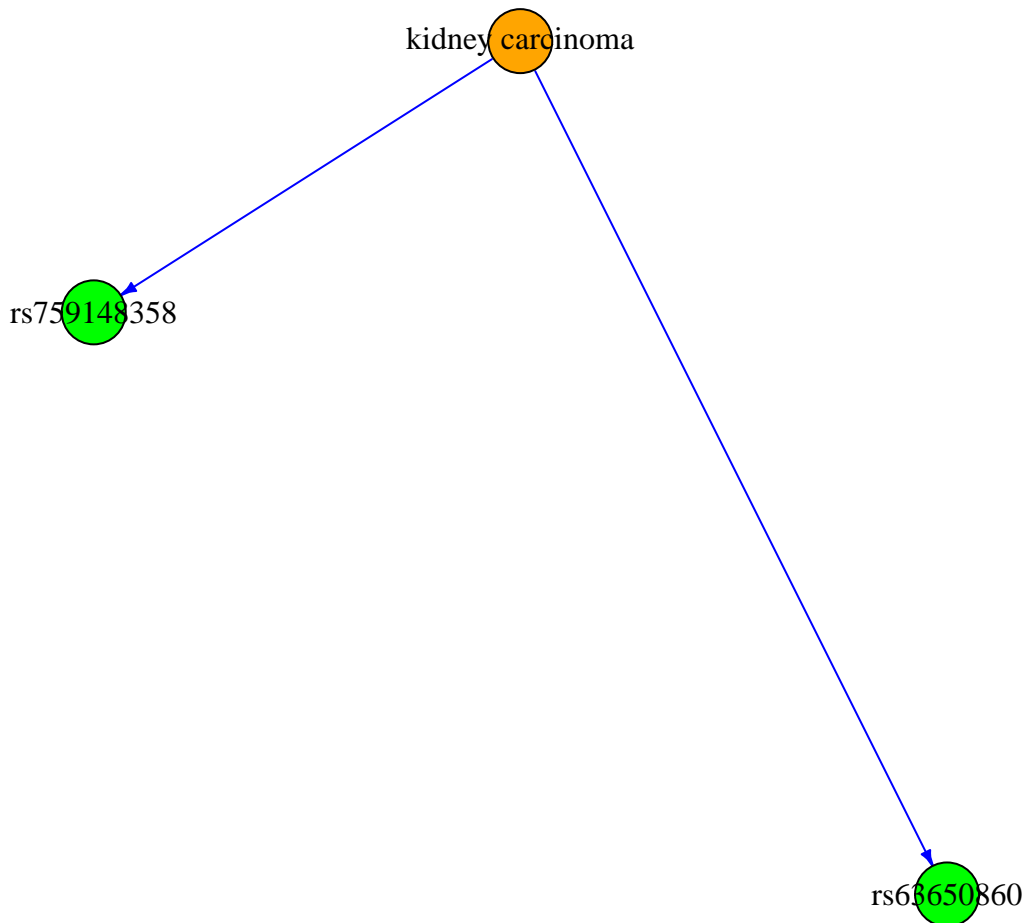
## Variant–Disease Network (prostate carcinoma)



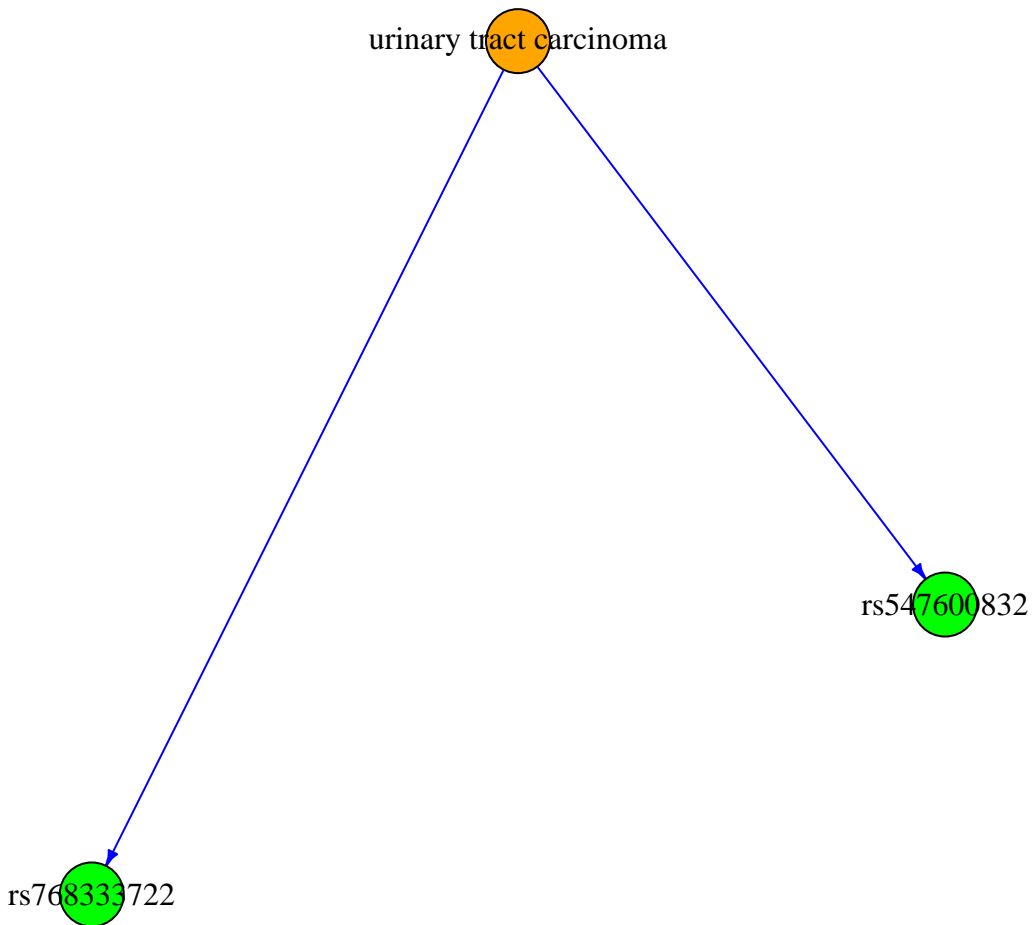
## Variant-Disease Network (skin carcinoma)



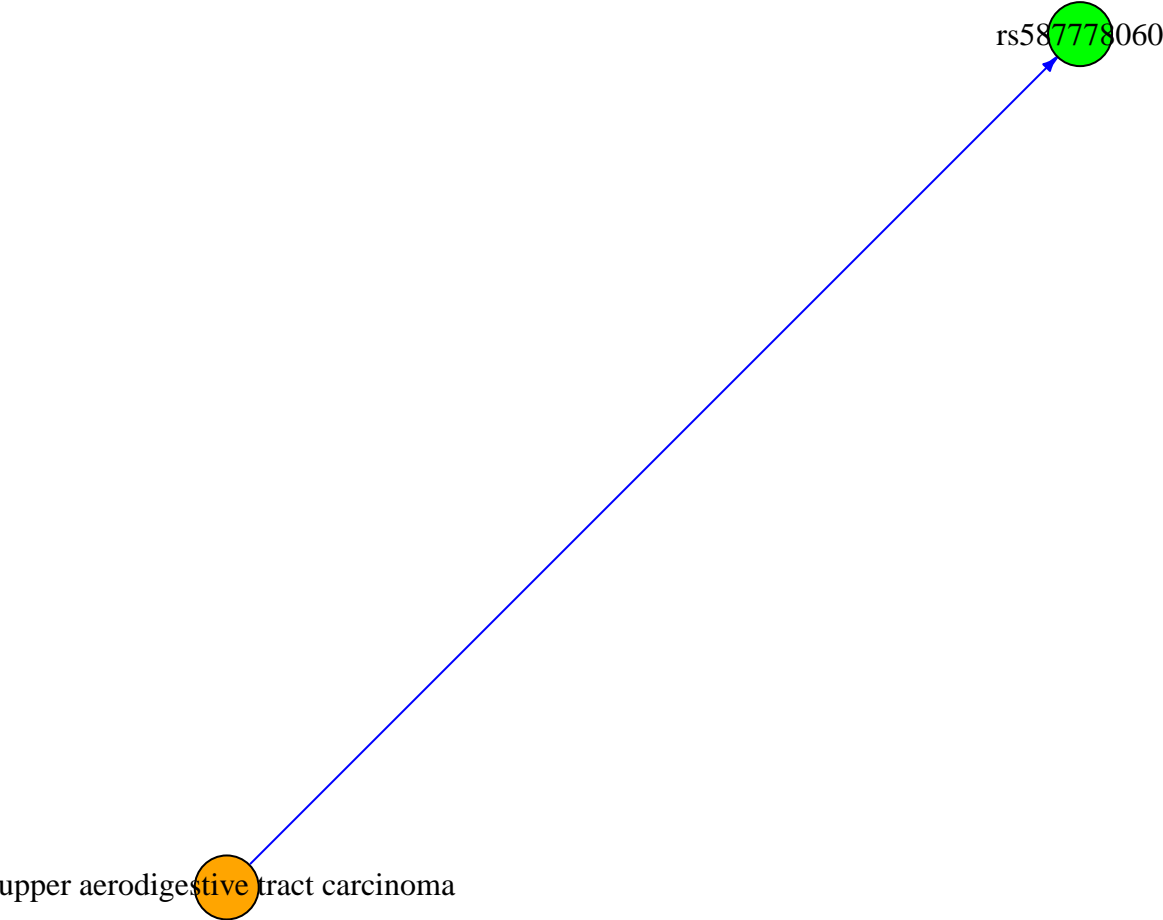
## Variant–Disease Network (kidney carcinoma)



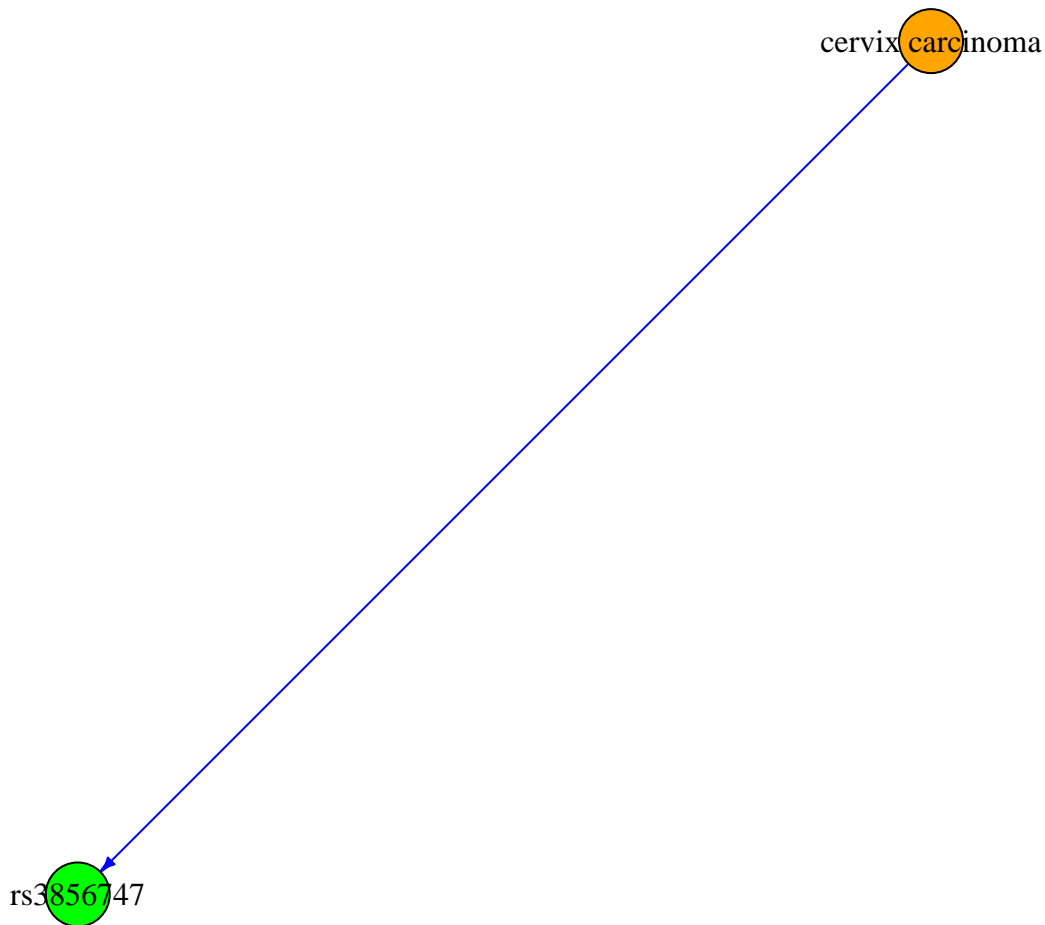
## Variant–Disease Network (urinary tract carcinoma)



**Variant–Disease Network (upper aerodigestive tract carcinoma)**

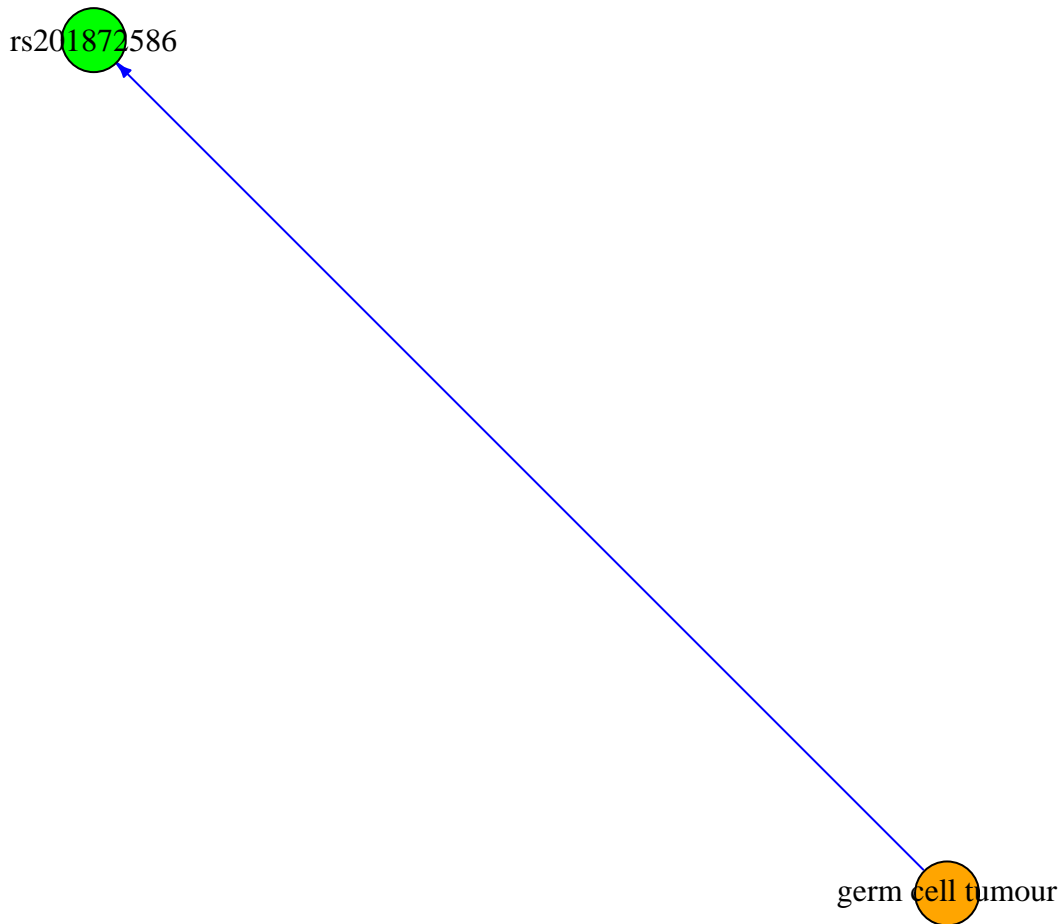


## Variant-Disease Network (cervix carcinoma)

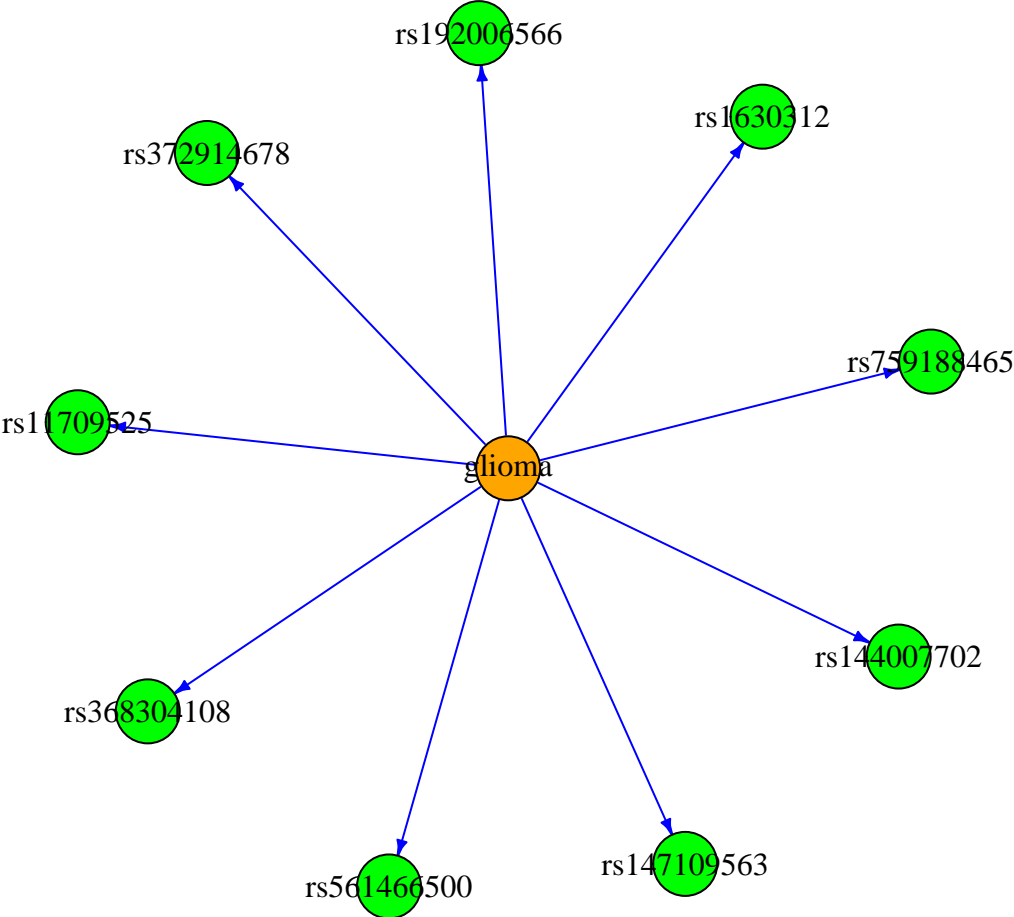




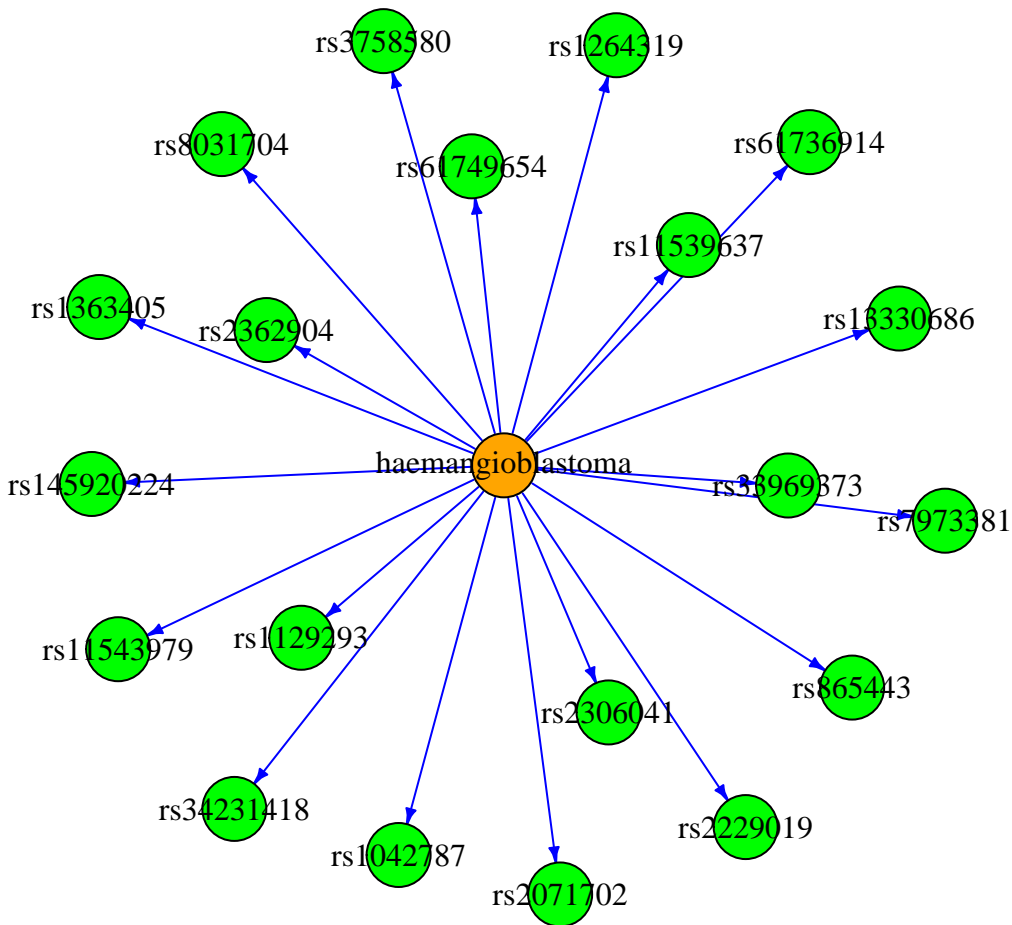
## Variant-Disease Network (germ cell tumour)



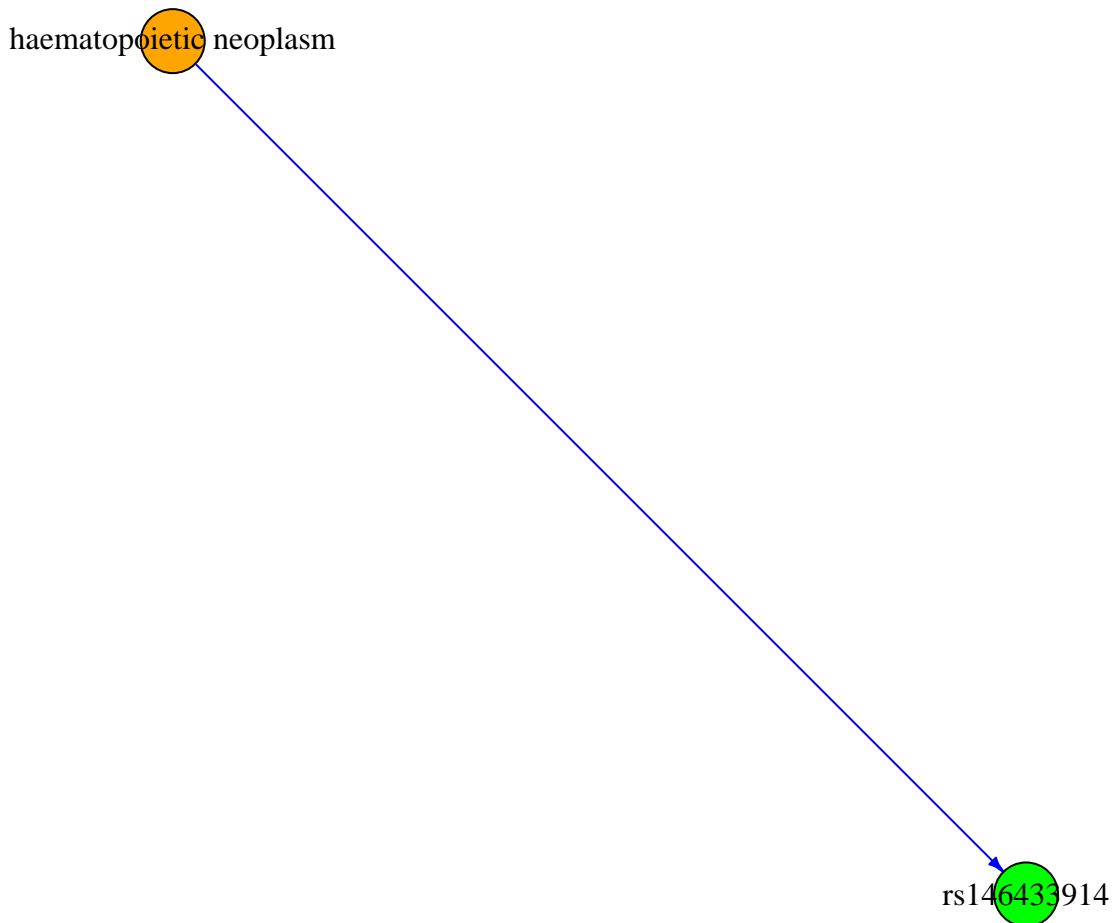
**Variant–Disease Network (glioma)**



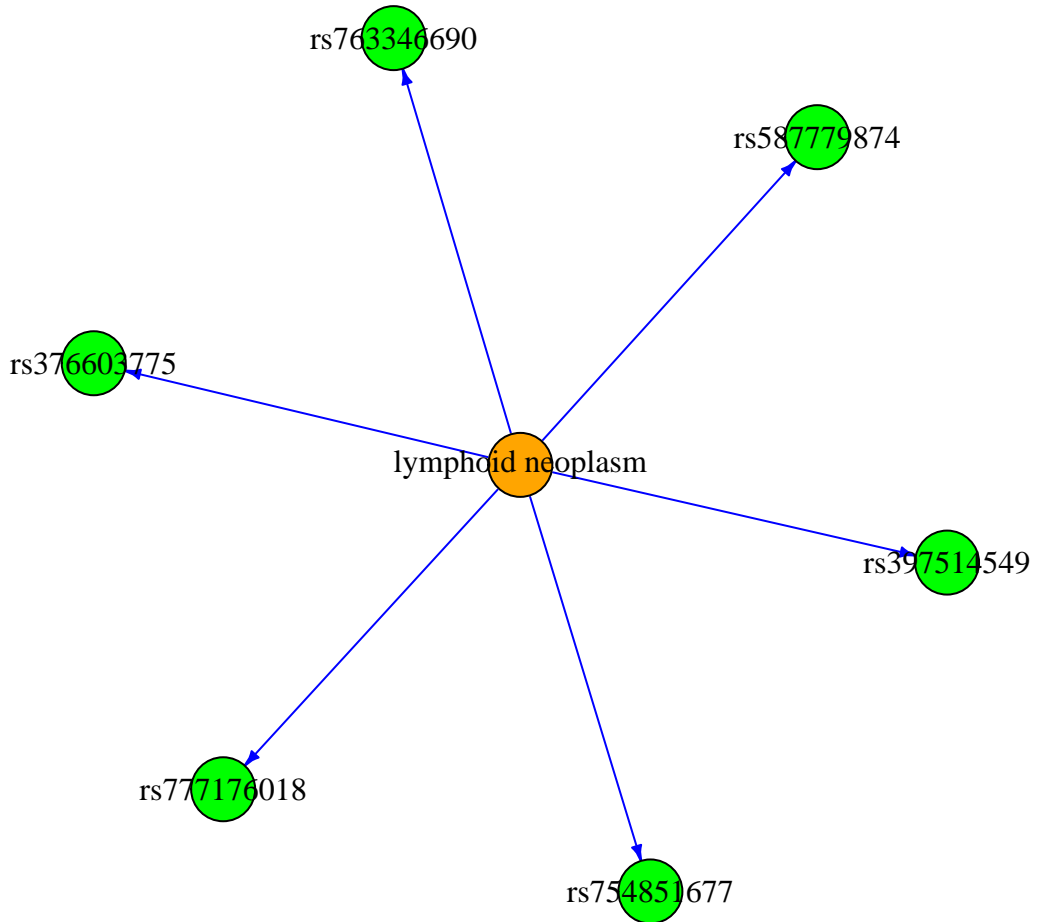
## Variant-Disease Network (haemangioblastoma)



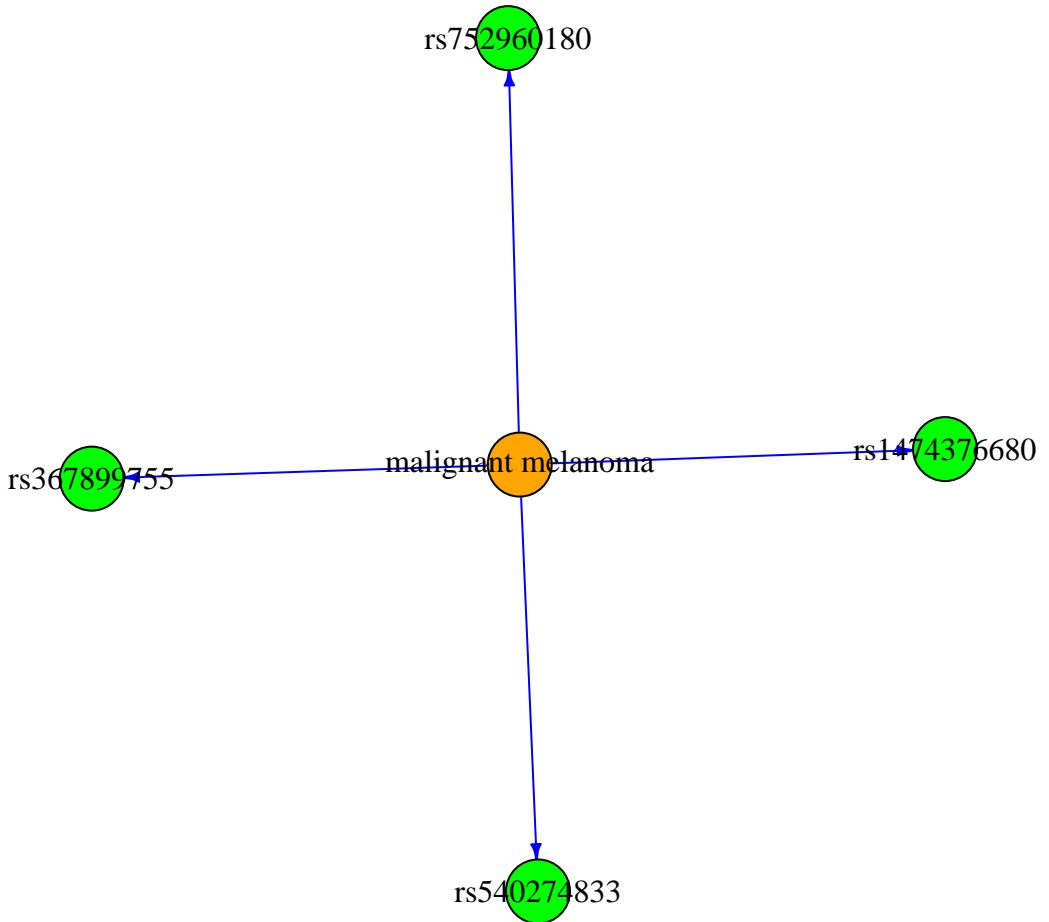
## Variant–Disease Network (haematopoietic neoplasm)



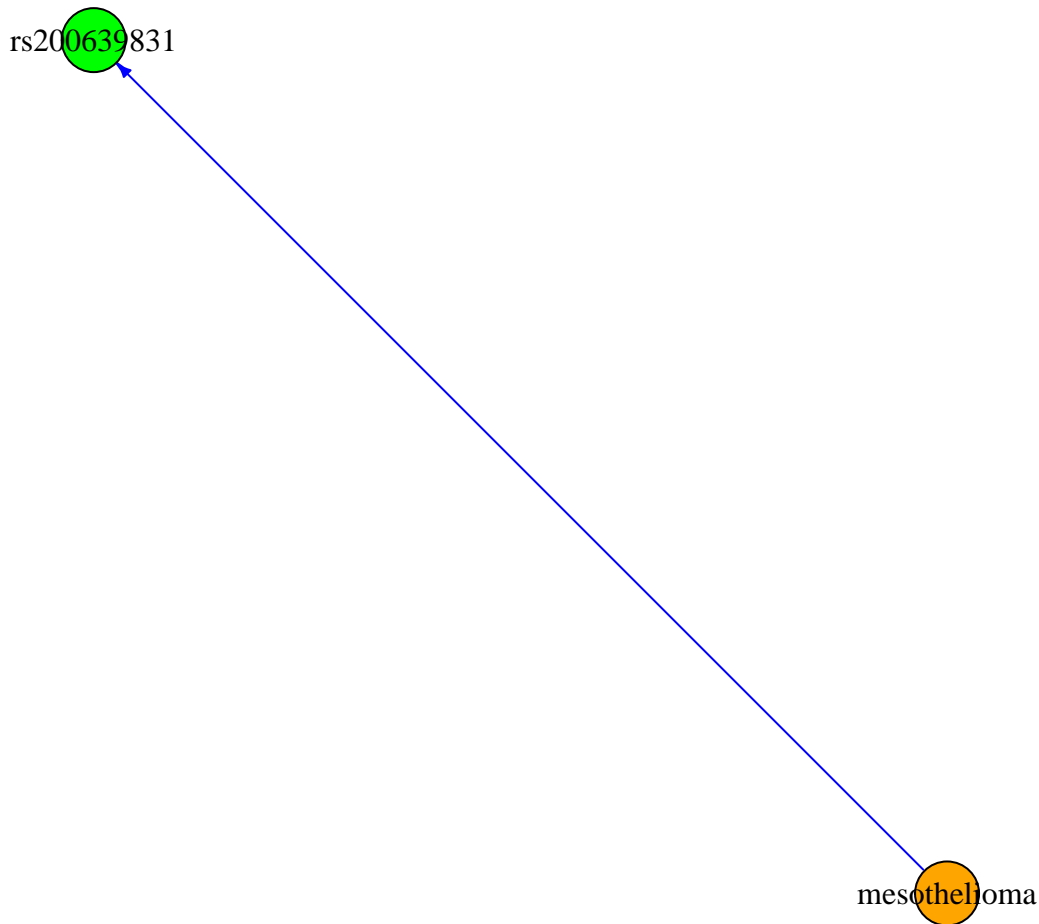
## Variant–Disease Network (lymphoid neoplasm)



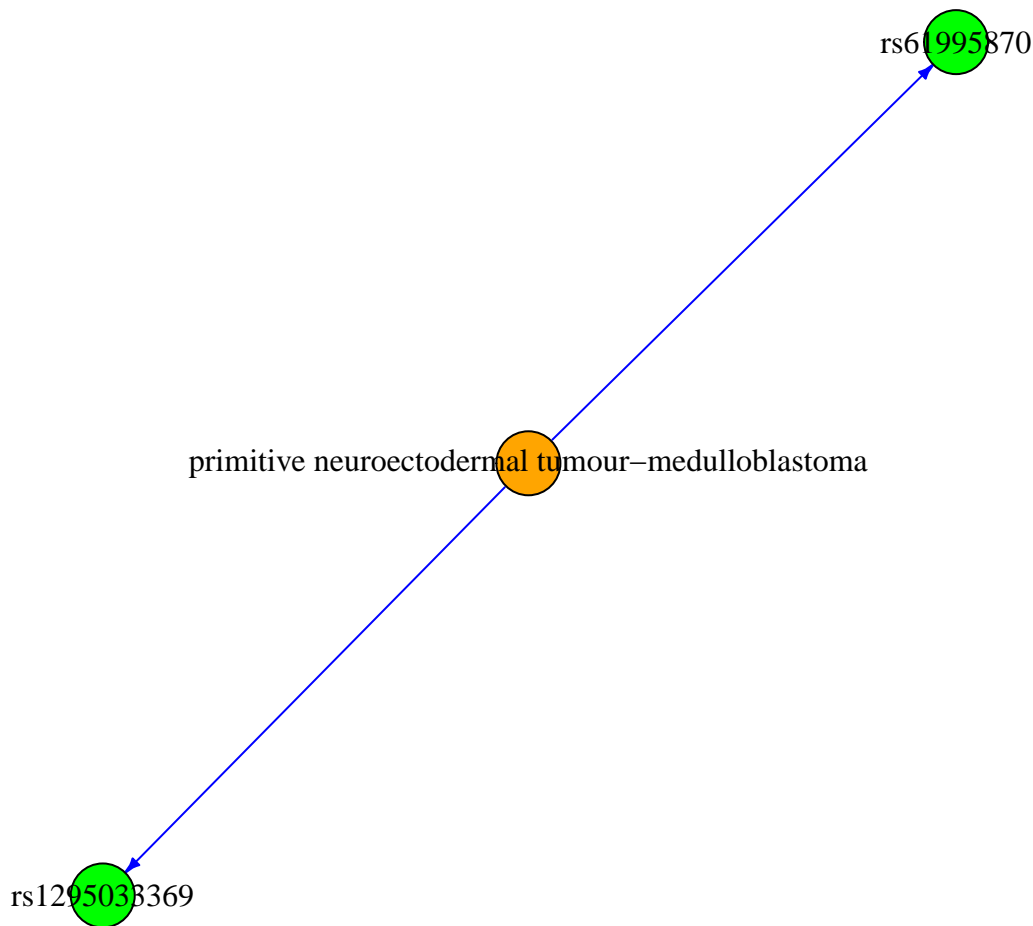
## Variant–Disease Network (malignant melanoma)



## Variant-Disease Network (mesothelioma)

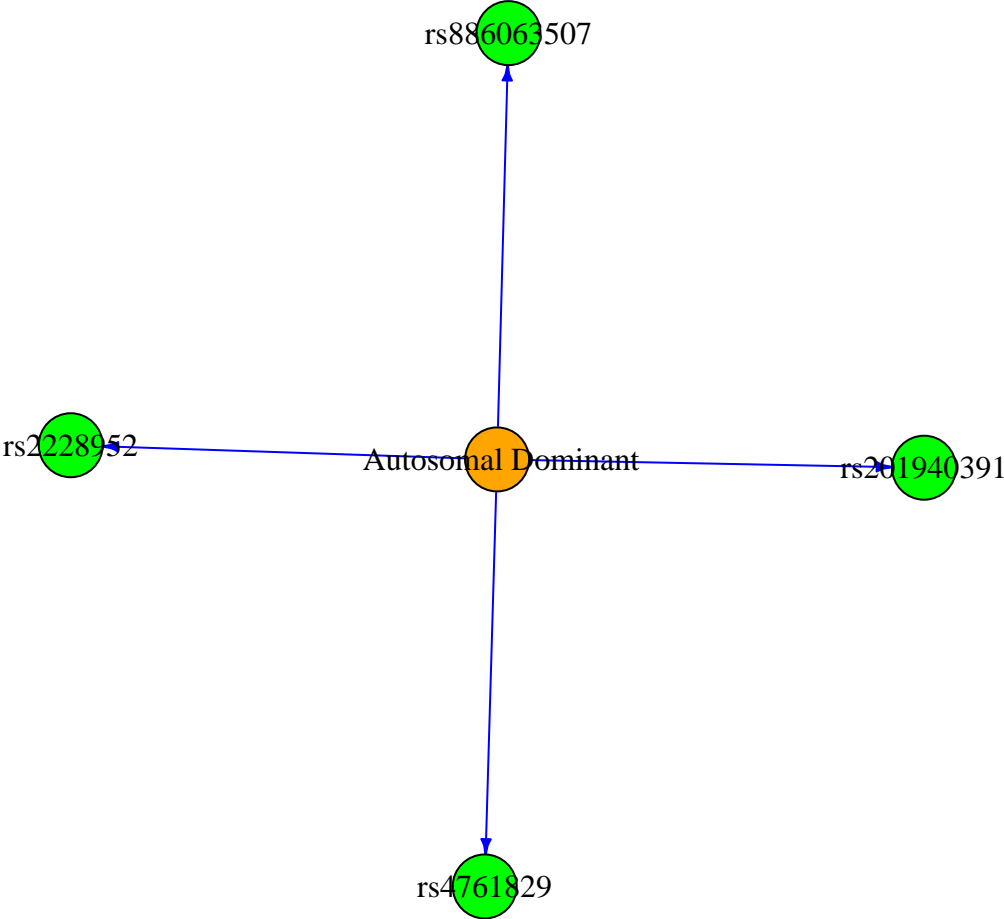


# Variant–Disease Network (primitive neuroectodermal tumour–medulloblastoma)

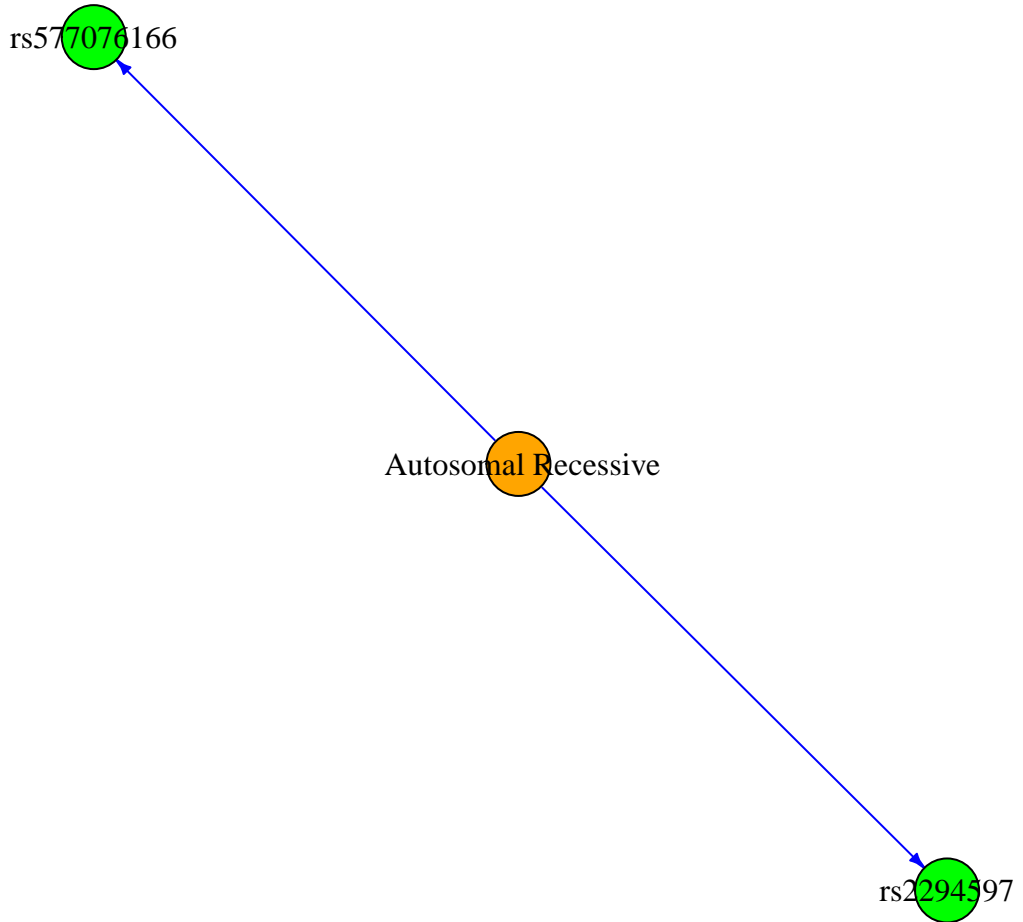




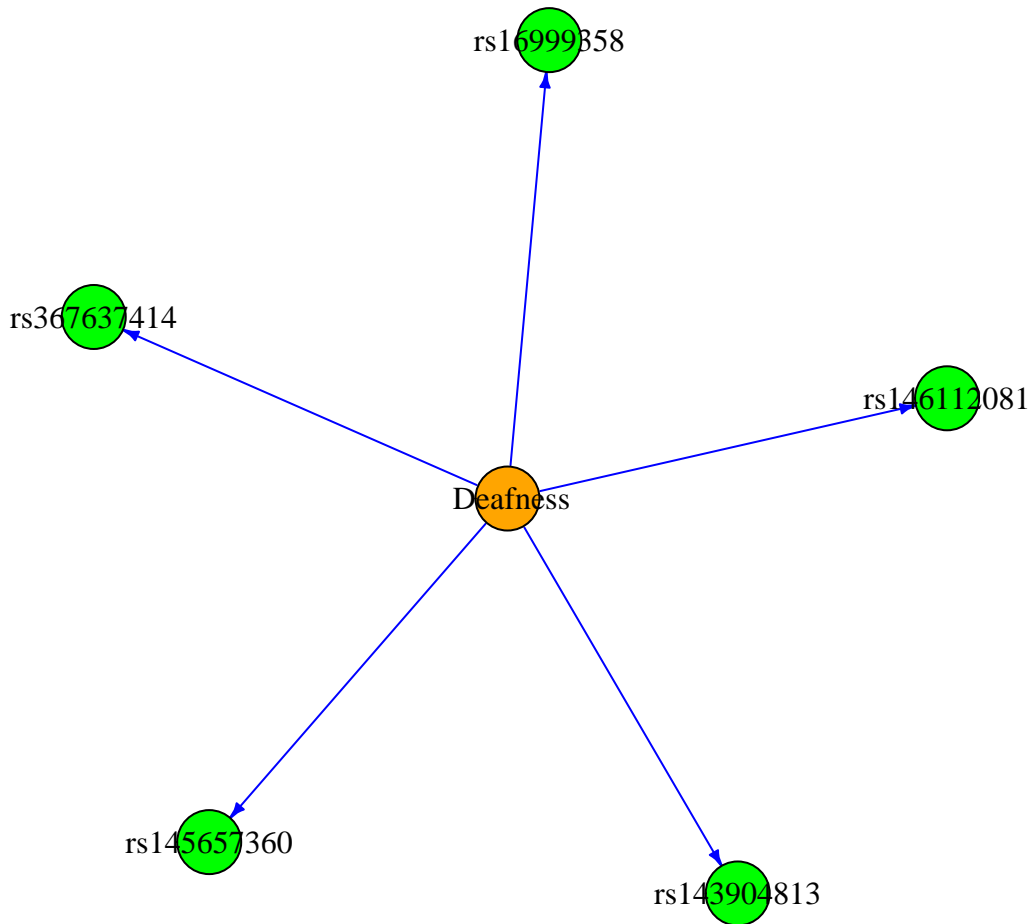
**Variant–Disease Network ( Autosomal Dominant)**



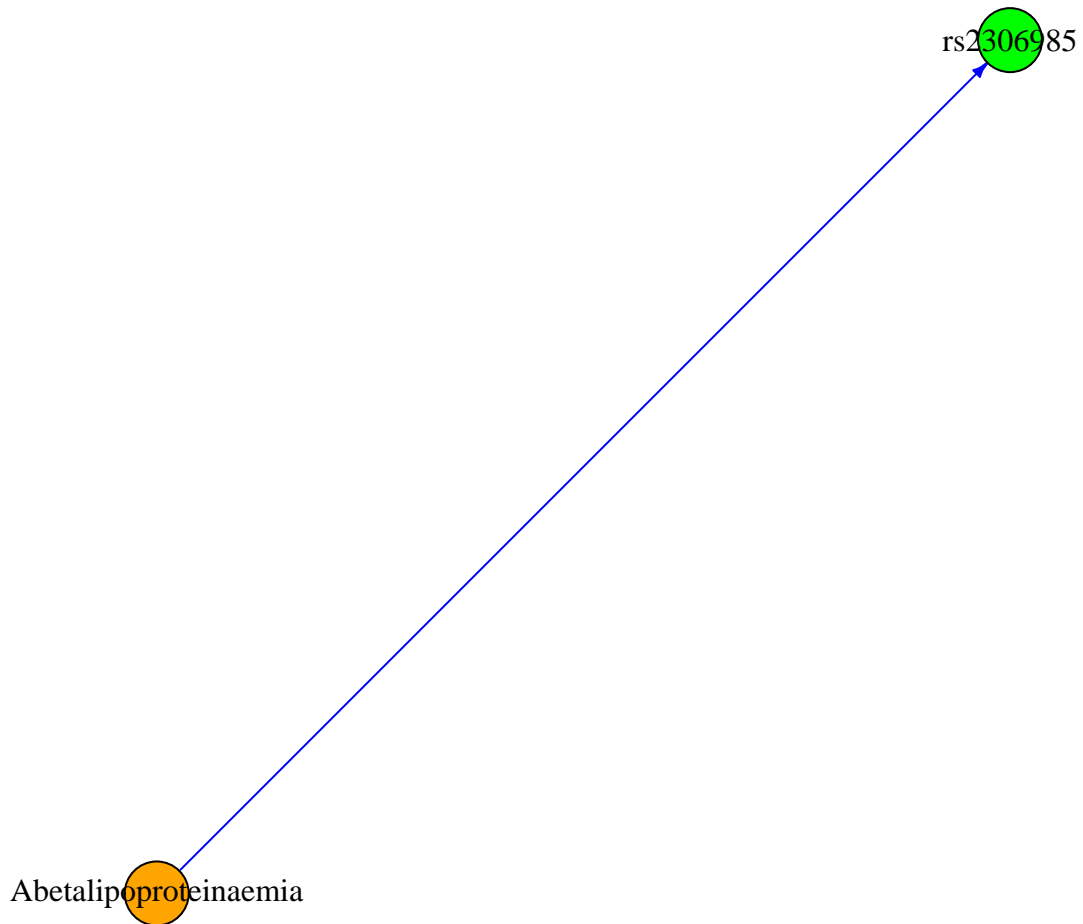
## Variant–Disease Network ( Autosomal Recessive)



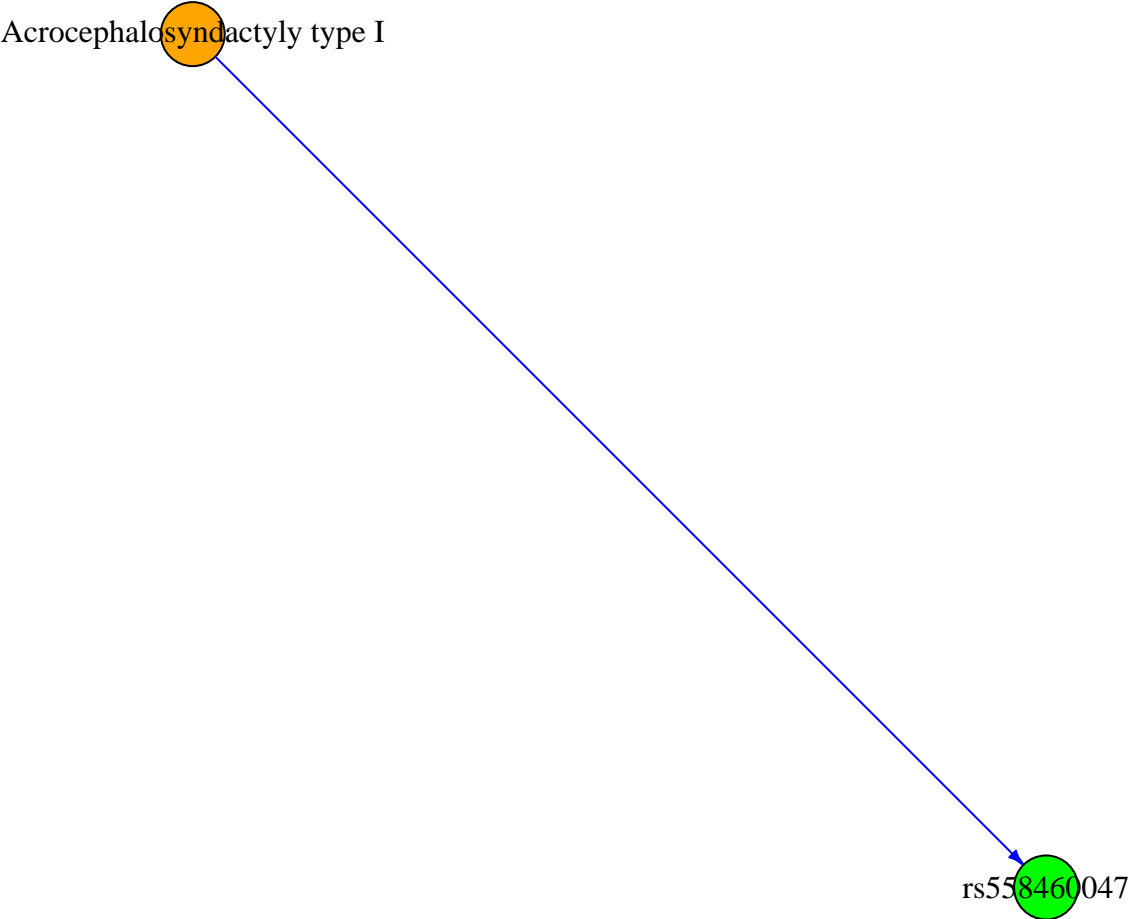
## Variant-Disease Network ( Deafness)



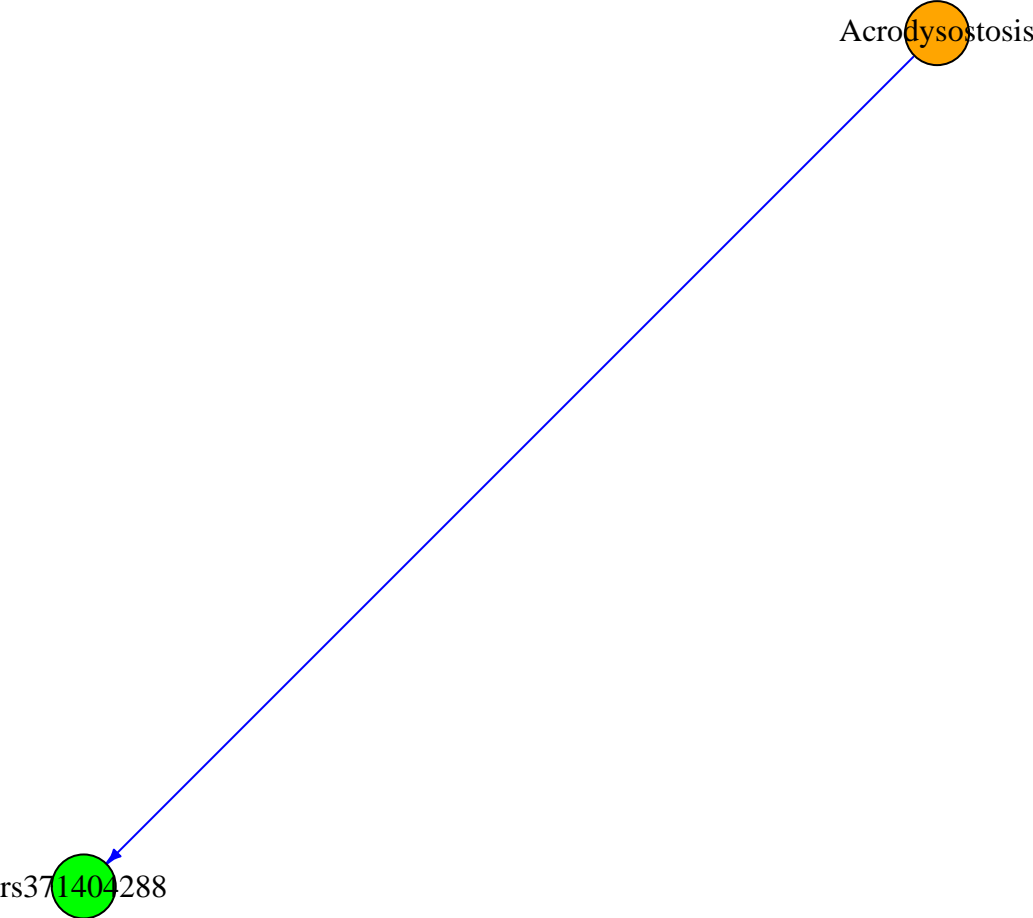
## Variant-Disease Network (Abetalipoproteinaemia)



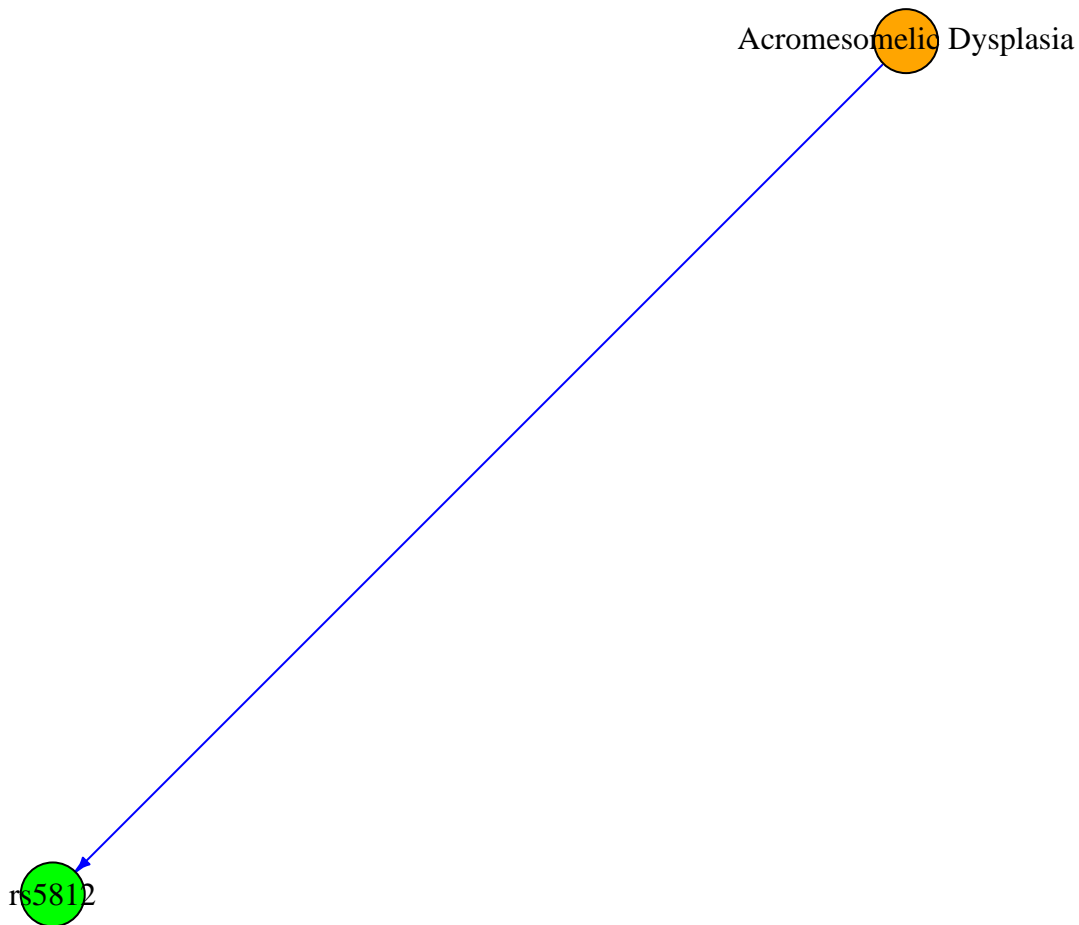
**Variant–Disease Network (Acrocephalosyndactyly type I)**



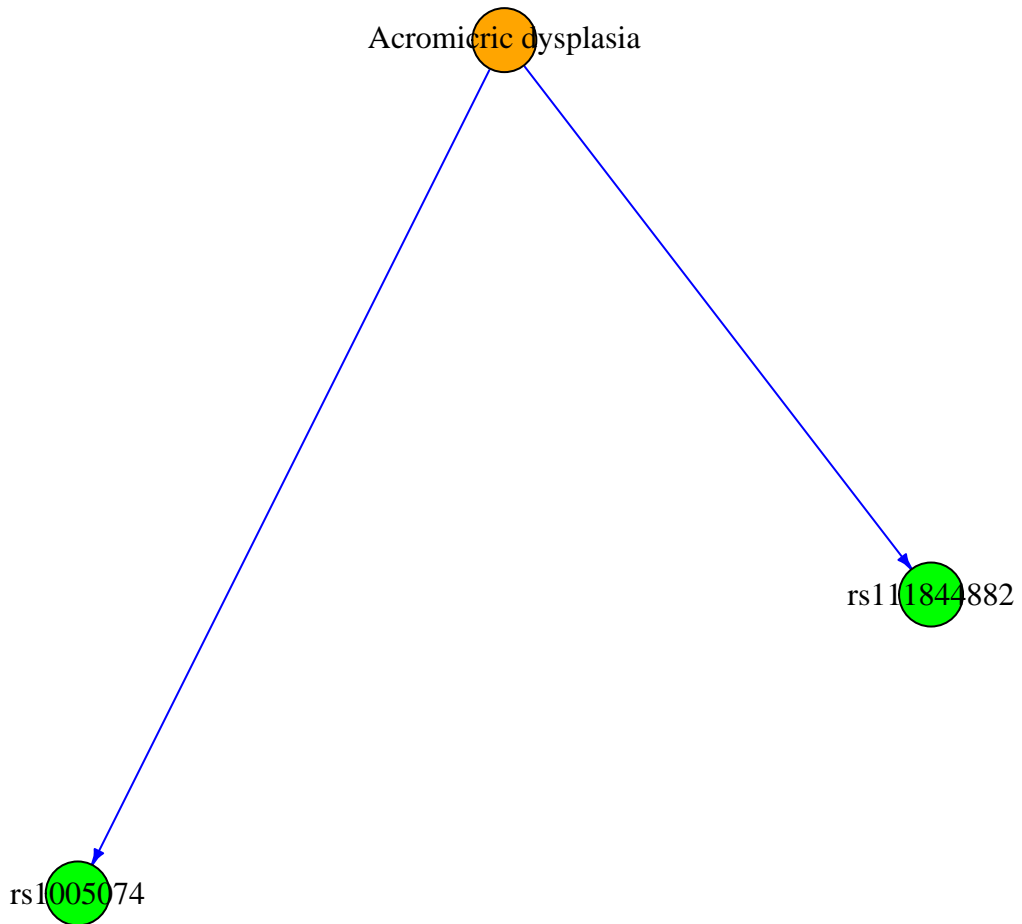
Variant–Disease Network (Acrodysostosis)



## Variant–Disease Network (Acromesomelic Dysplasia)

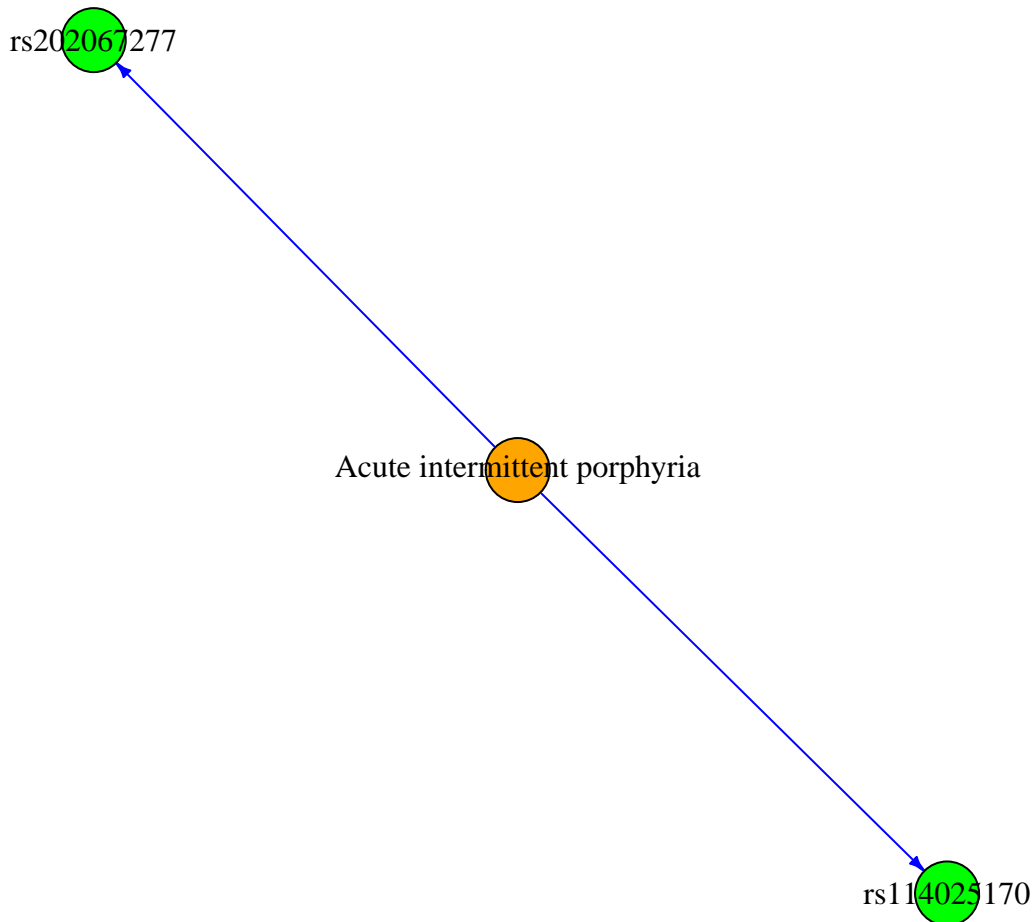


## Variant-Disease Network (Acromicric dysplasia)





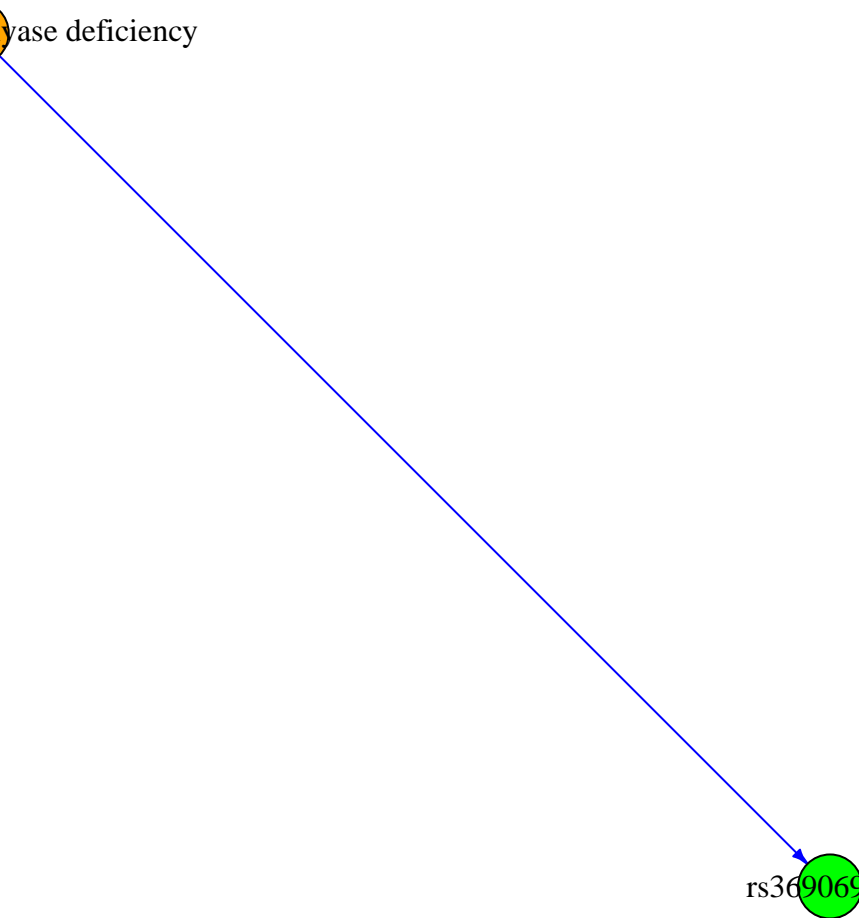
## Variant–Disease Network (Acute intermittent porphyria)



# Variant–Disease Network (Adenylosuccinate lyase deficiency)

Adenylosuccinate lyase deficiency

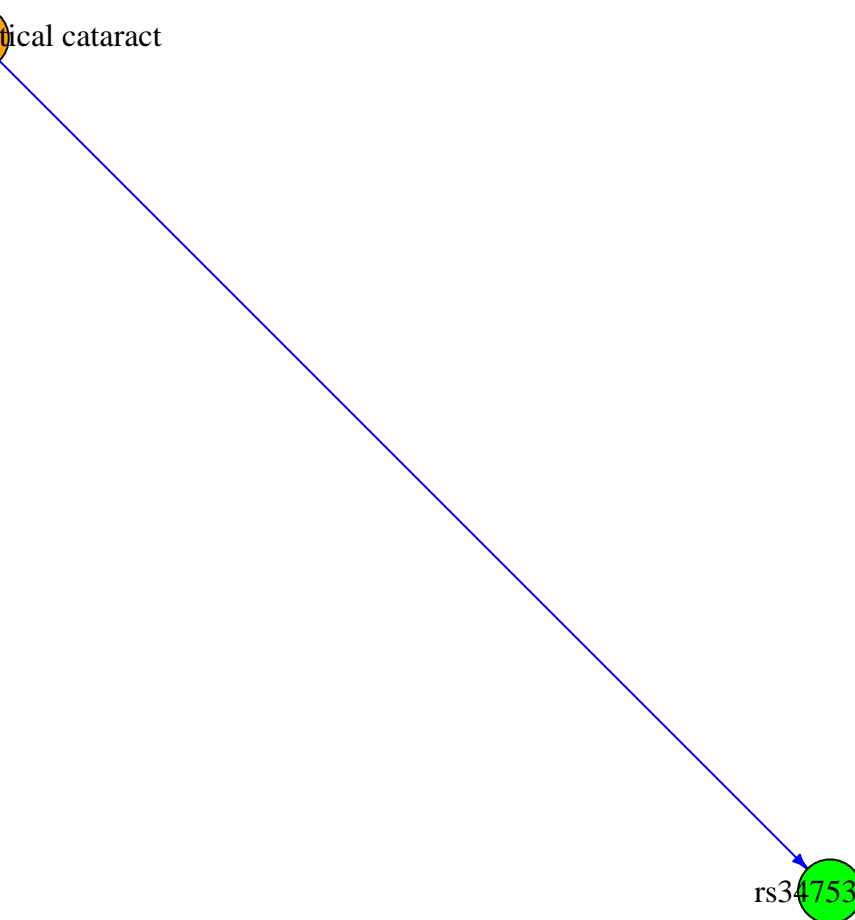
rs369069575



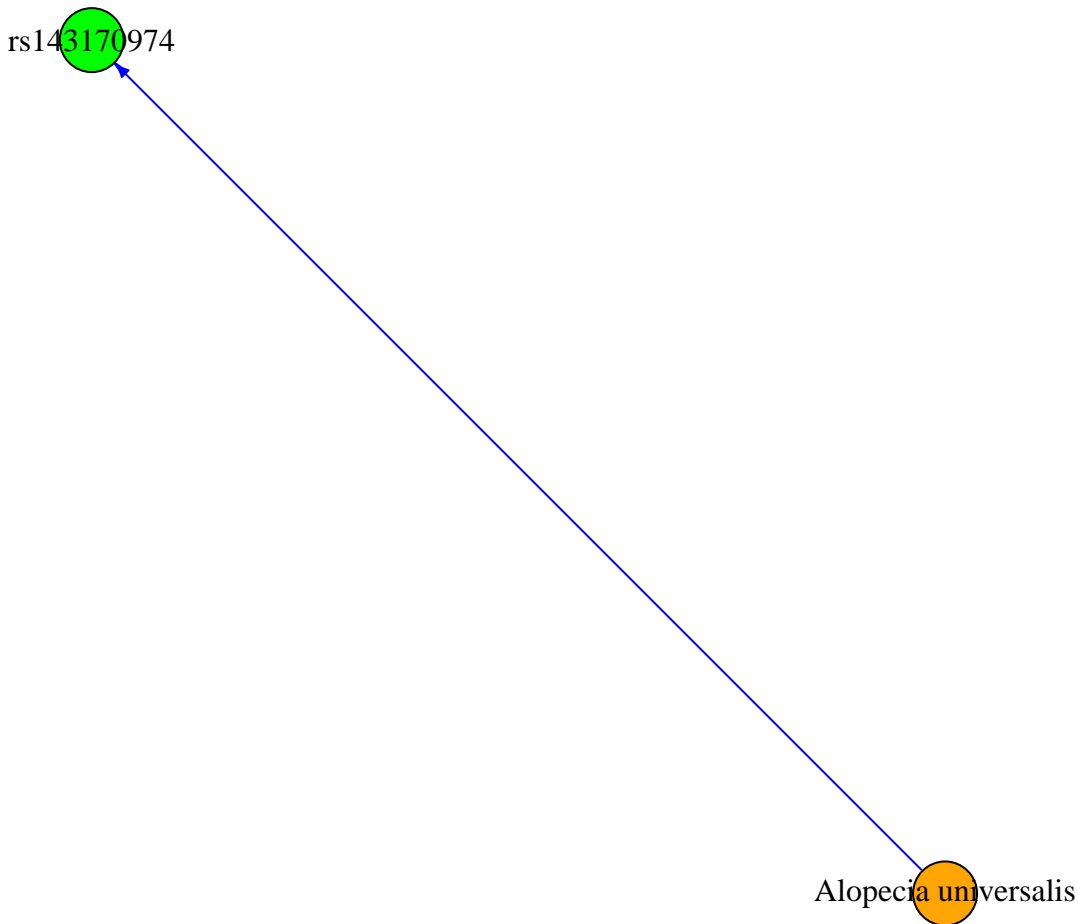
## Variant-Disease Network (Age-related cortical cataract)

Age-related cortical cataract

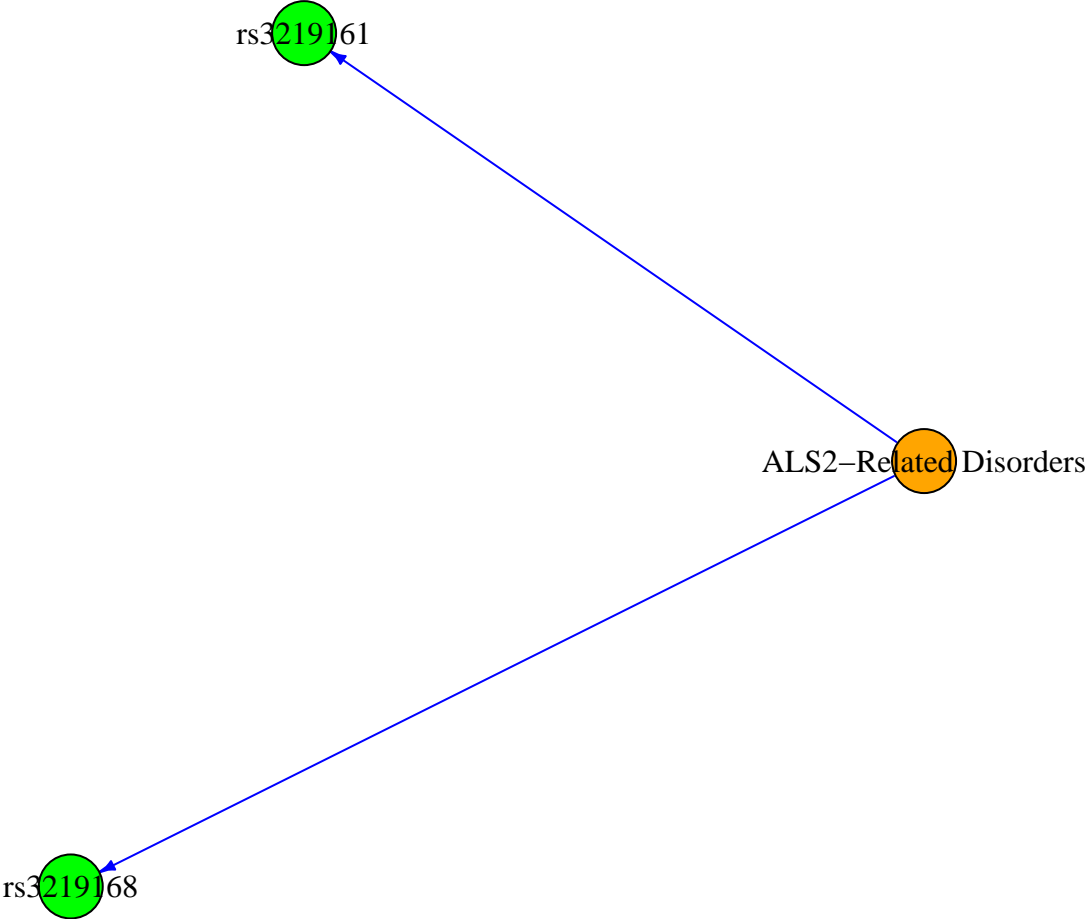
rs34753465



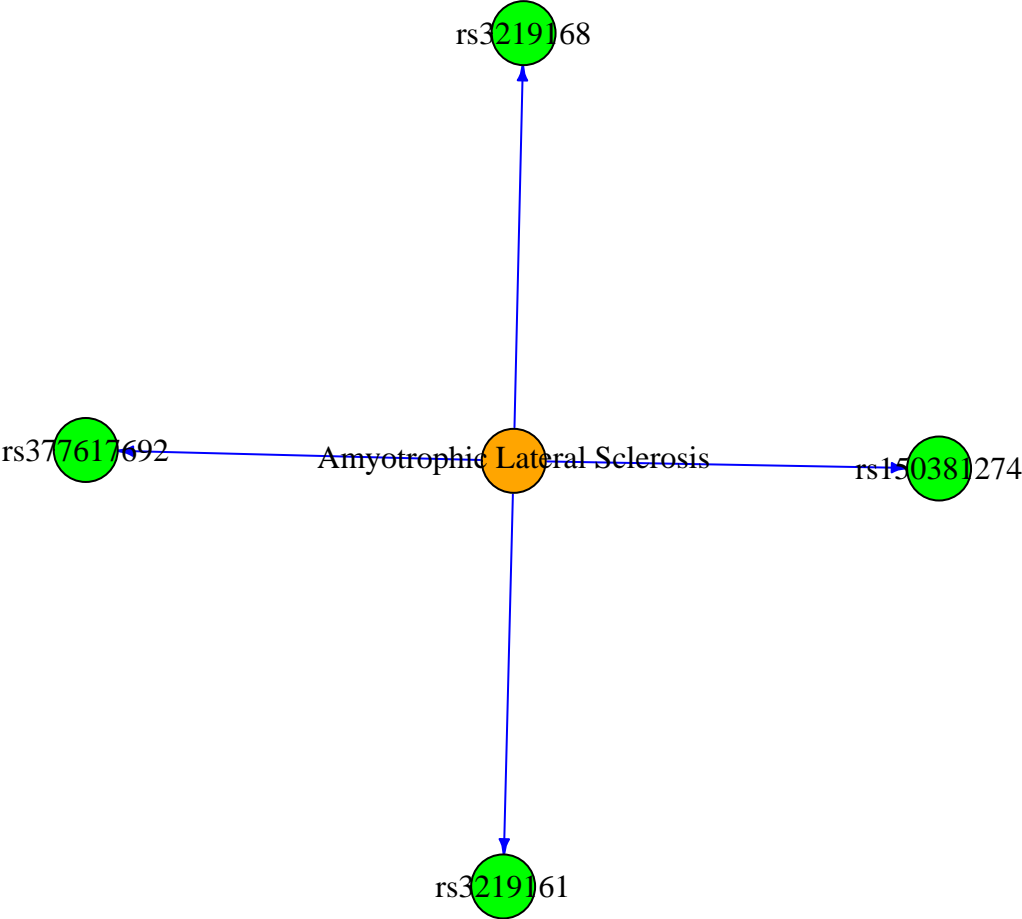
## Variant–Disease Network (Alopecia universalis)



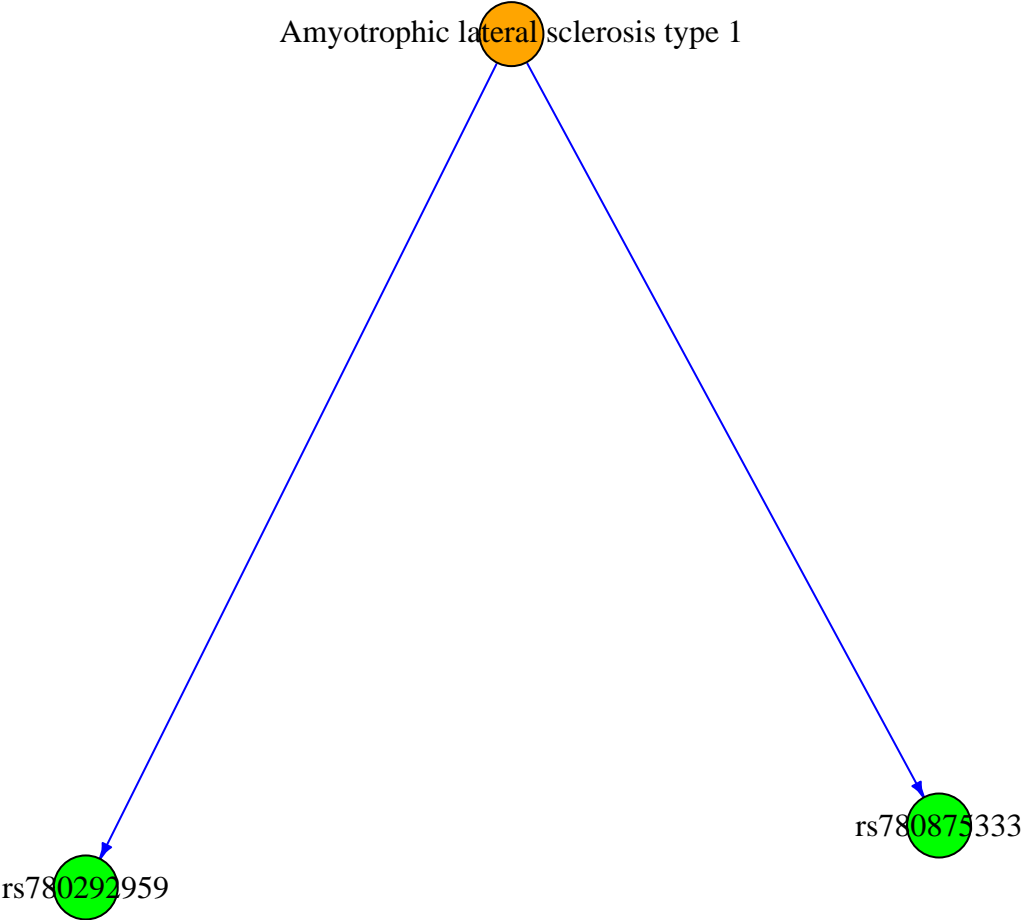
Variant–Disease Network (ALS2–Related Disorders)



Variant–Disease Network (Amyotrophic Lateral Sclerosis)



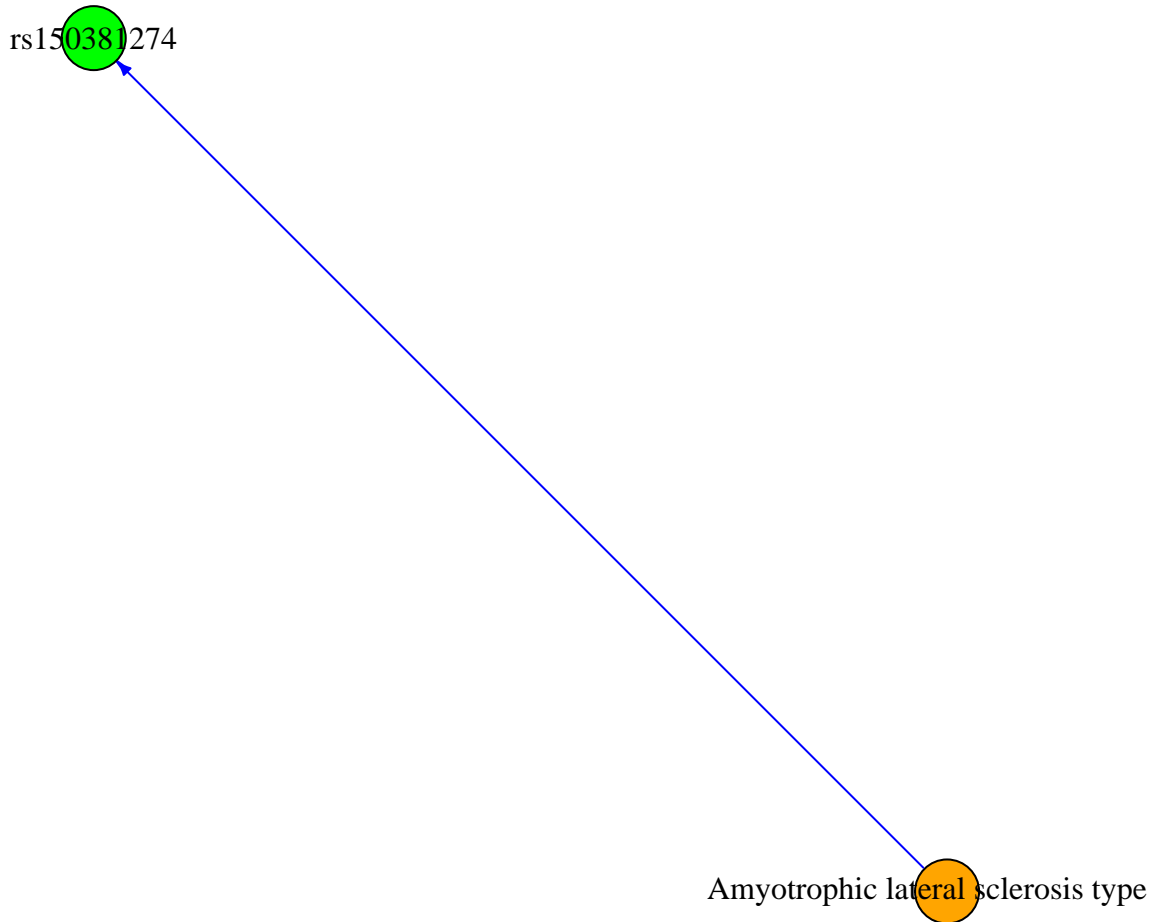
Variant–Disease Network (Amyotrophic lateral sclerosis type 1)



# Variant–Disease Network (Amyotrophic lateral sclerosis type 12)

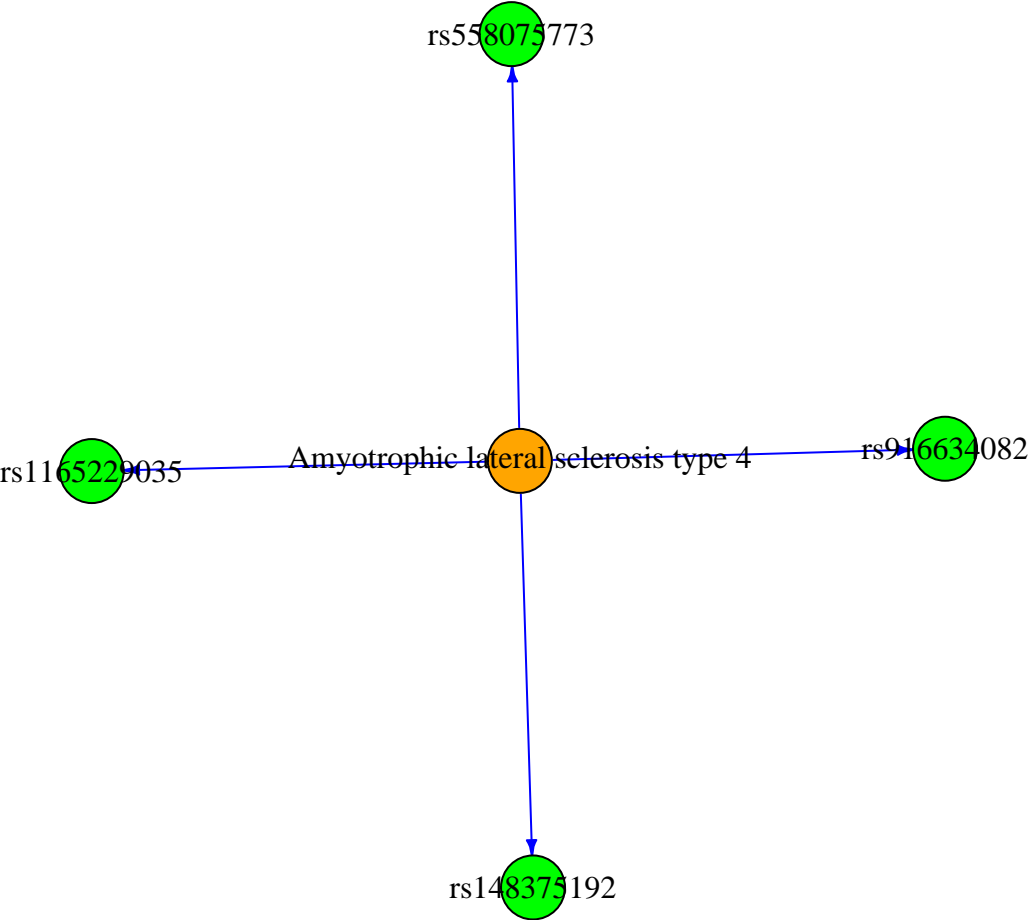
rs150381274

Amyotrophic lateral sclerosis type

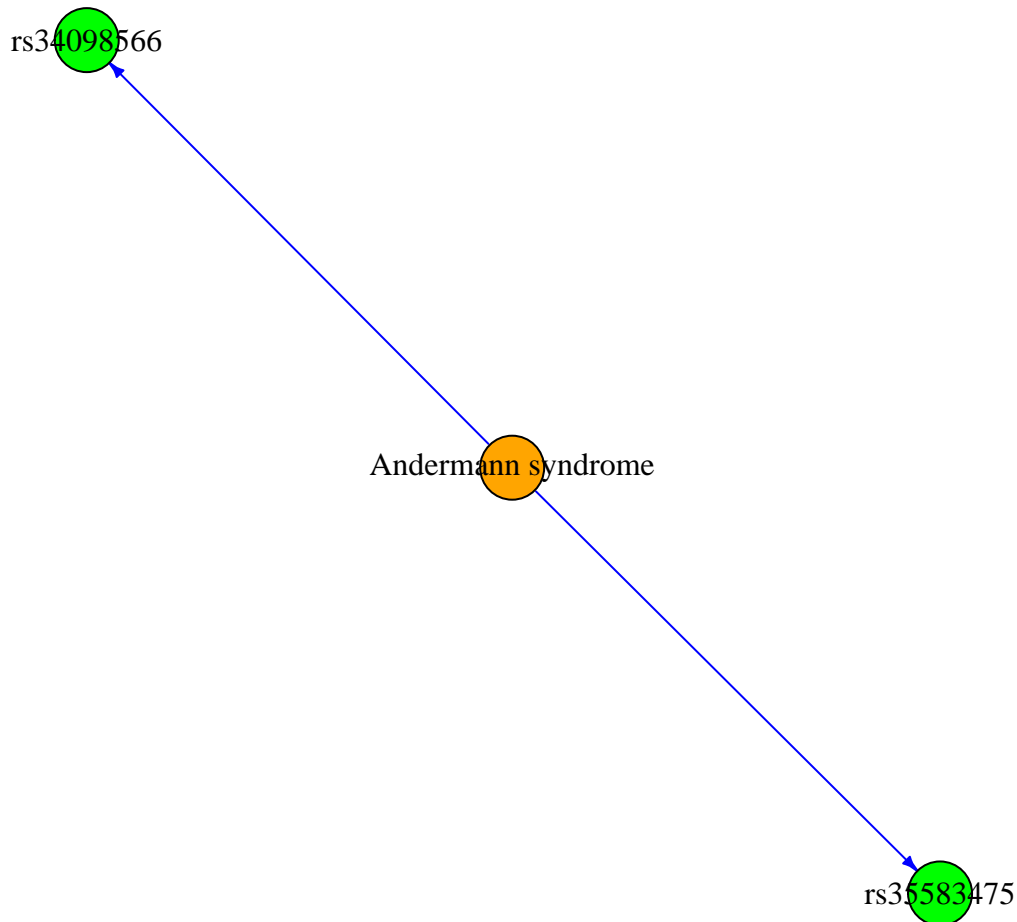




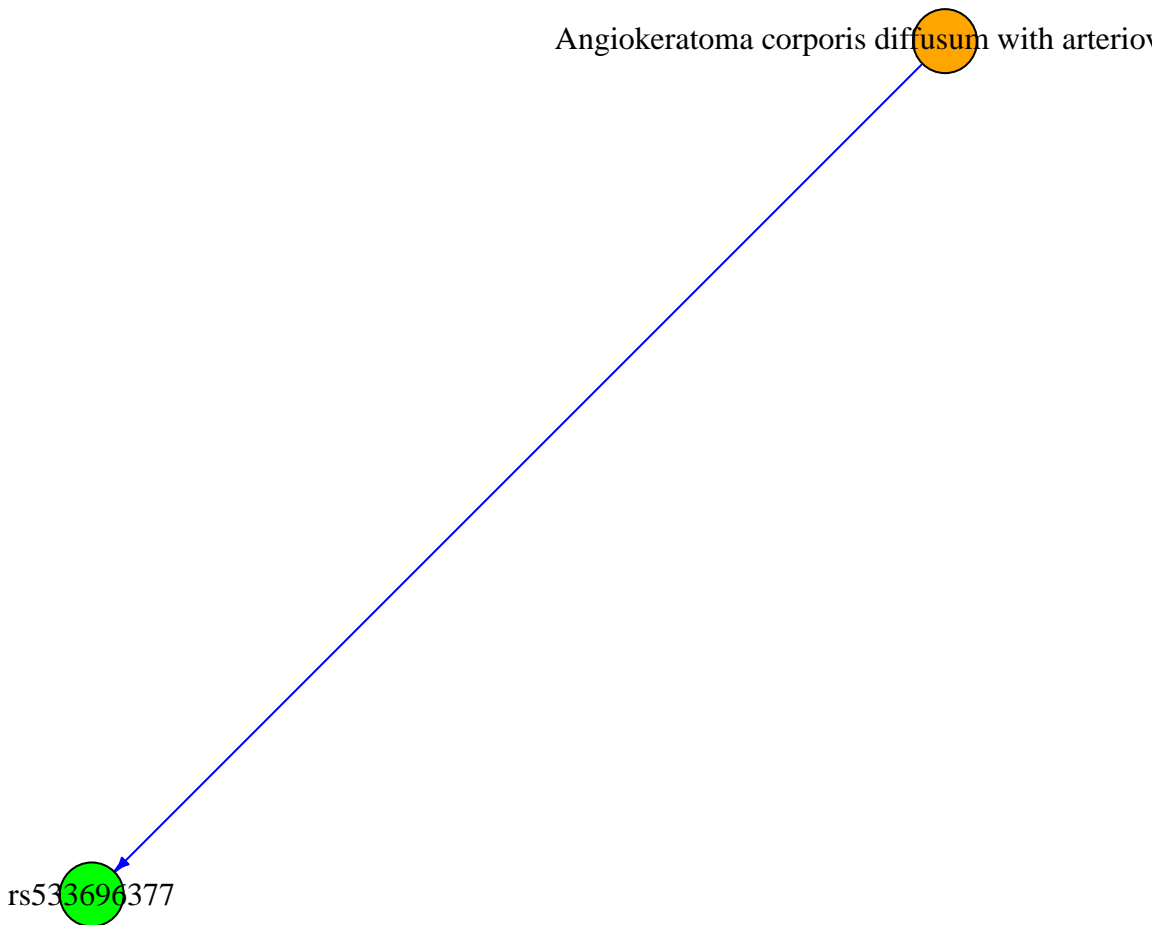
Variant–Disease Network (Amyotrophic lateral sclerosis type 4)



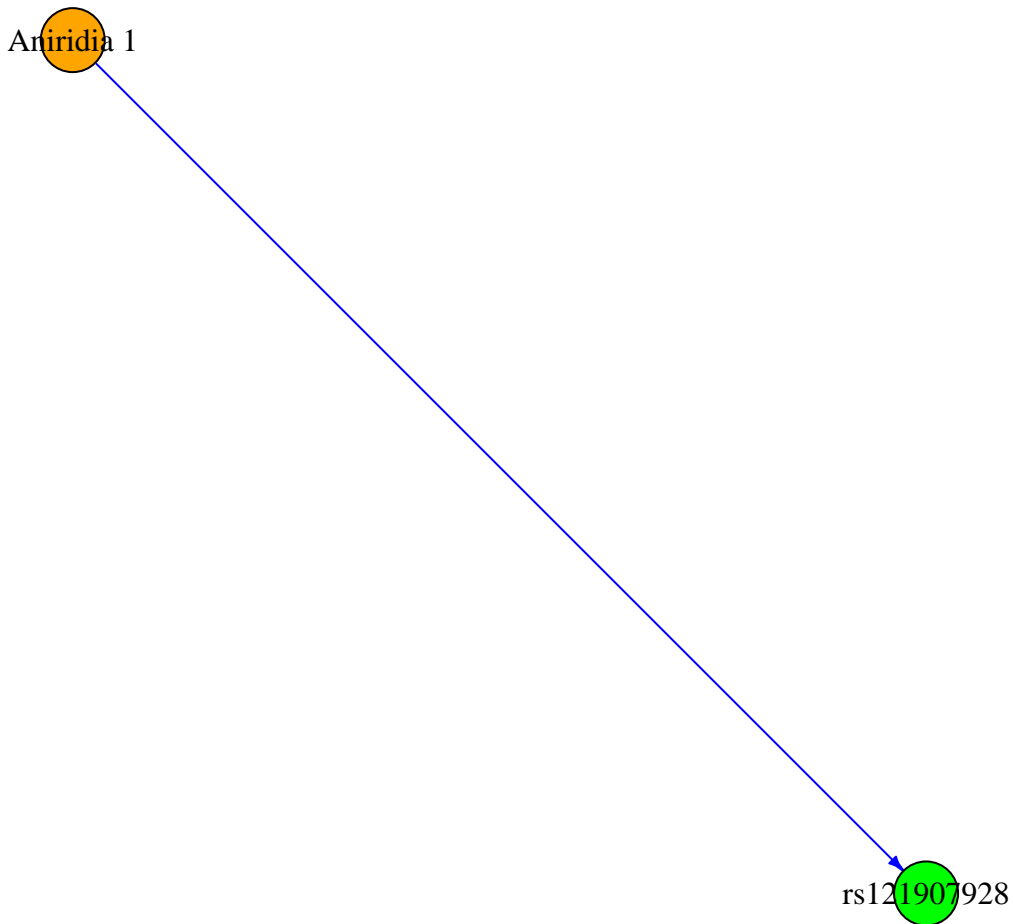
## Variant–Disease Network (Andermann syndrome)



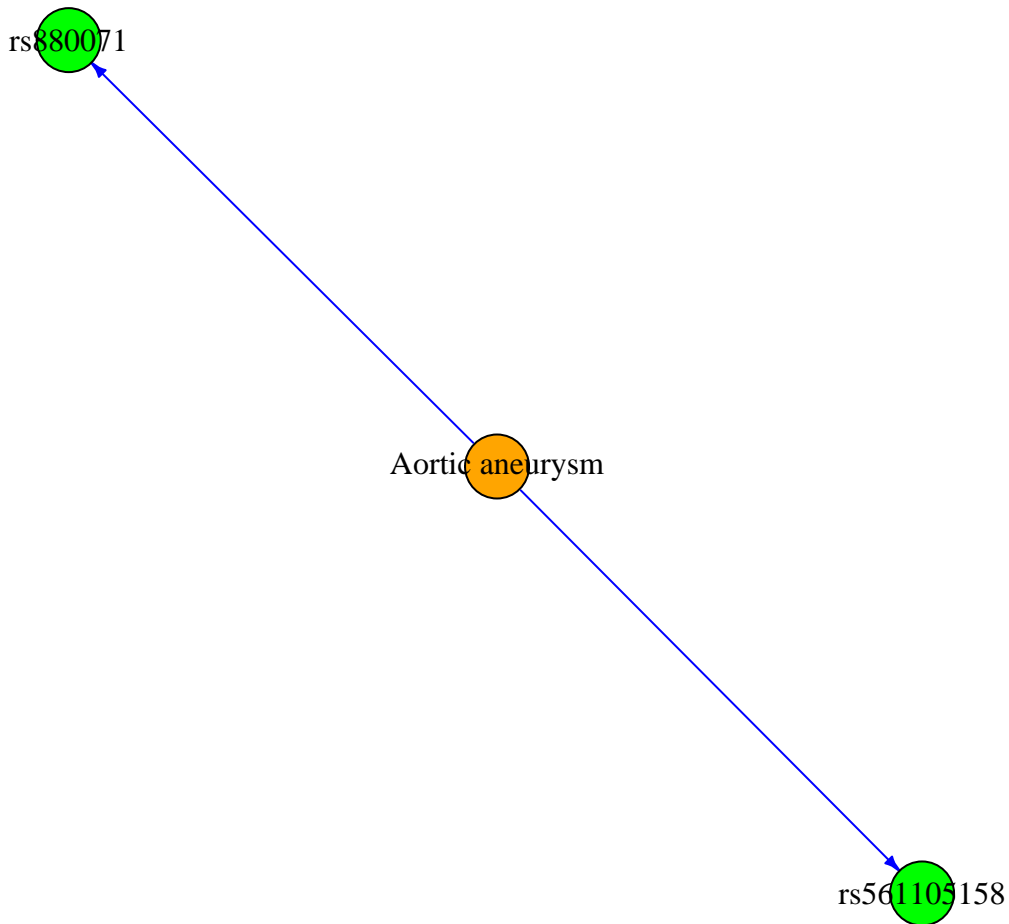
# ant-Disease Network (Angiokeratoma corporis diffusum with arteriovenous



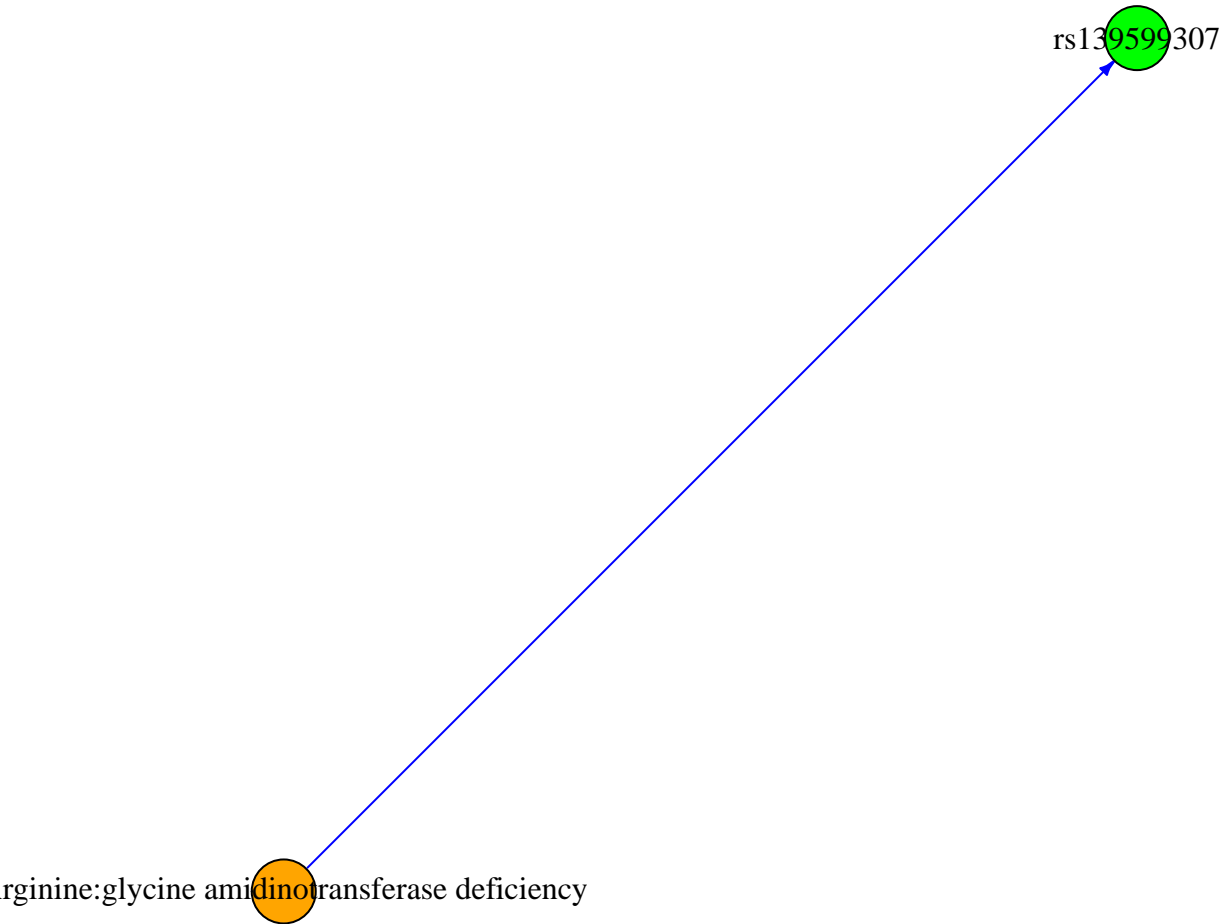
## Variant-Disease Network (Aniridia 1)



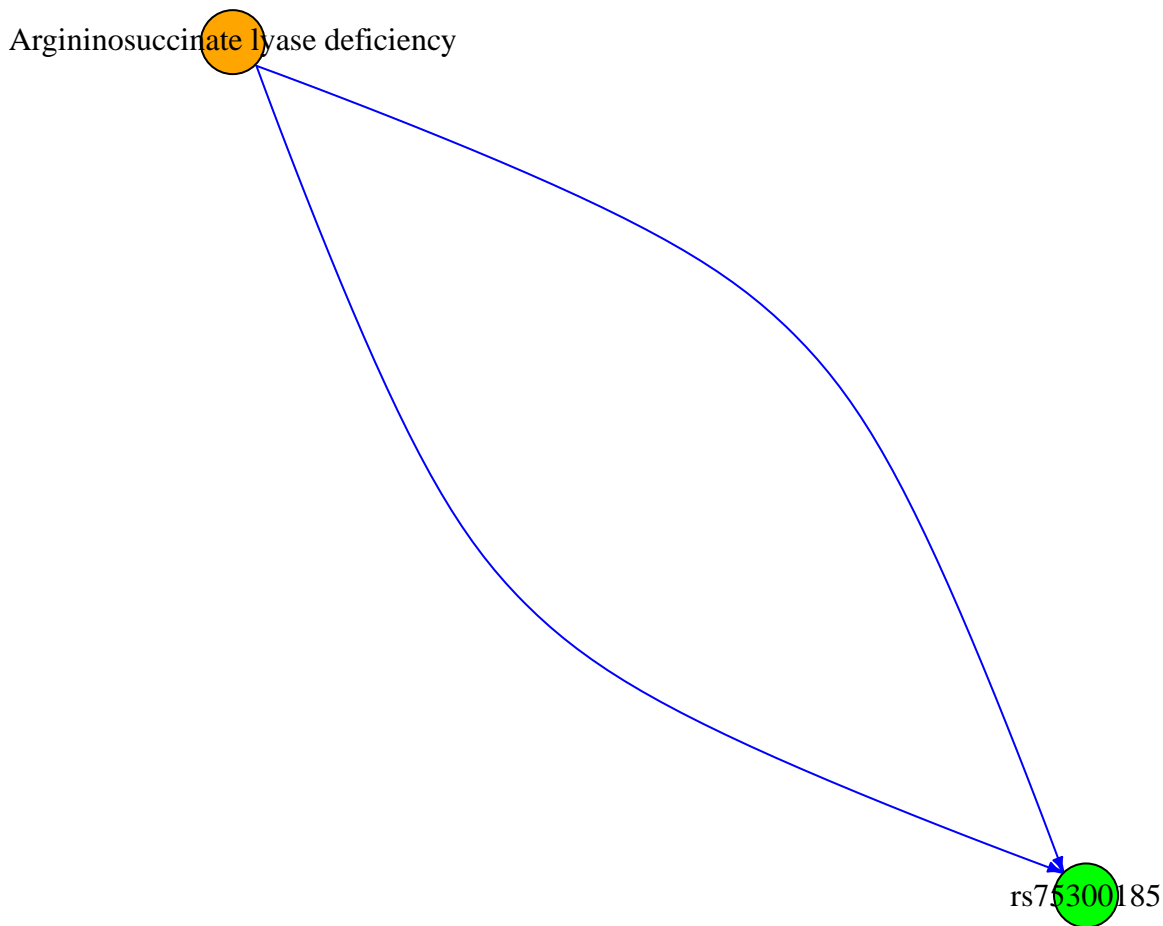
## Variant–Disease Network (Aortic aneurysm)



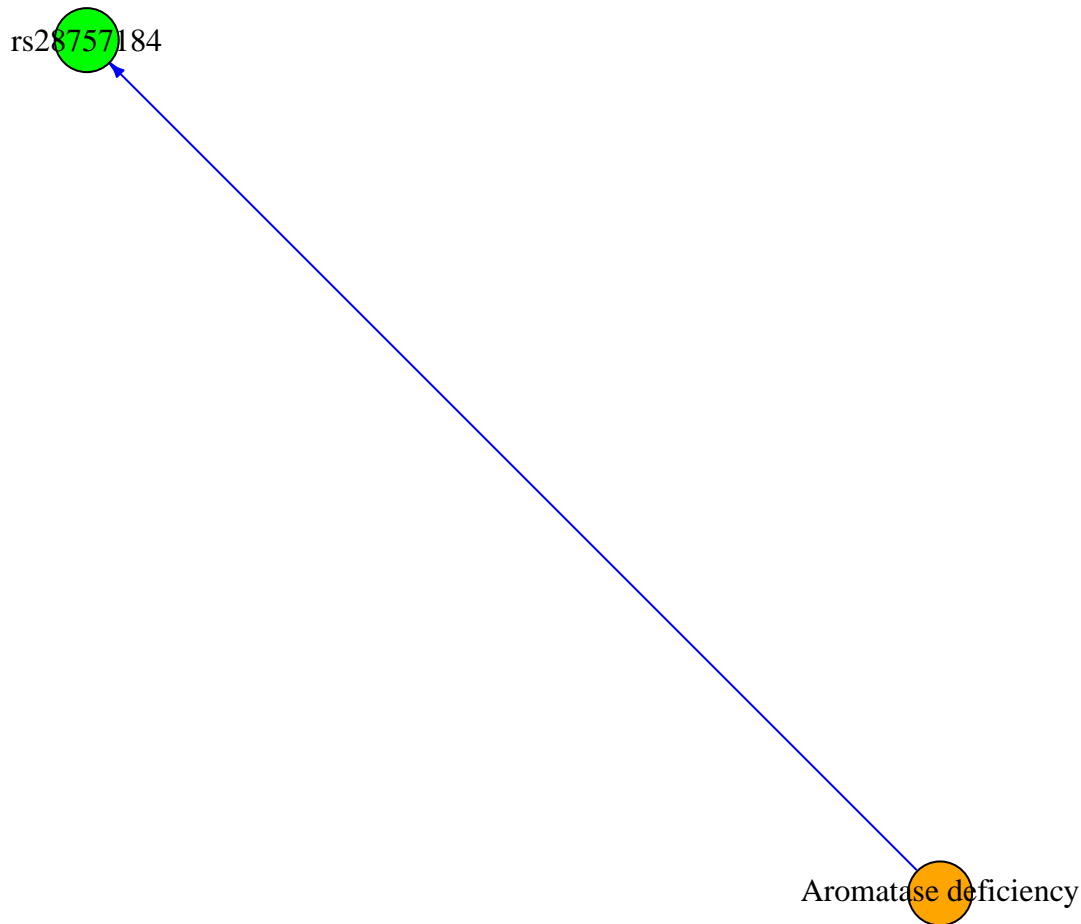
Variant–Disease Network (Arginine:glycine amidinotransferase deficiency)



## Variant–Disease Network (Argininosuccinate lyase deficiency)

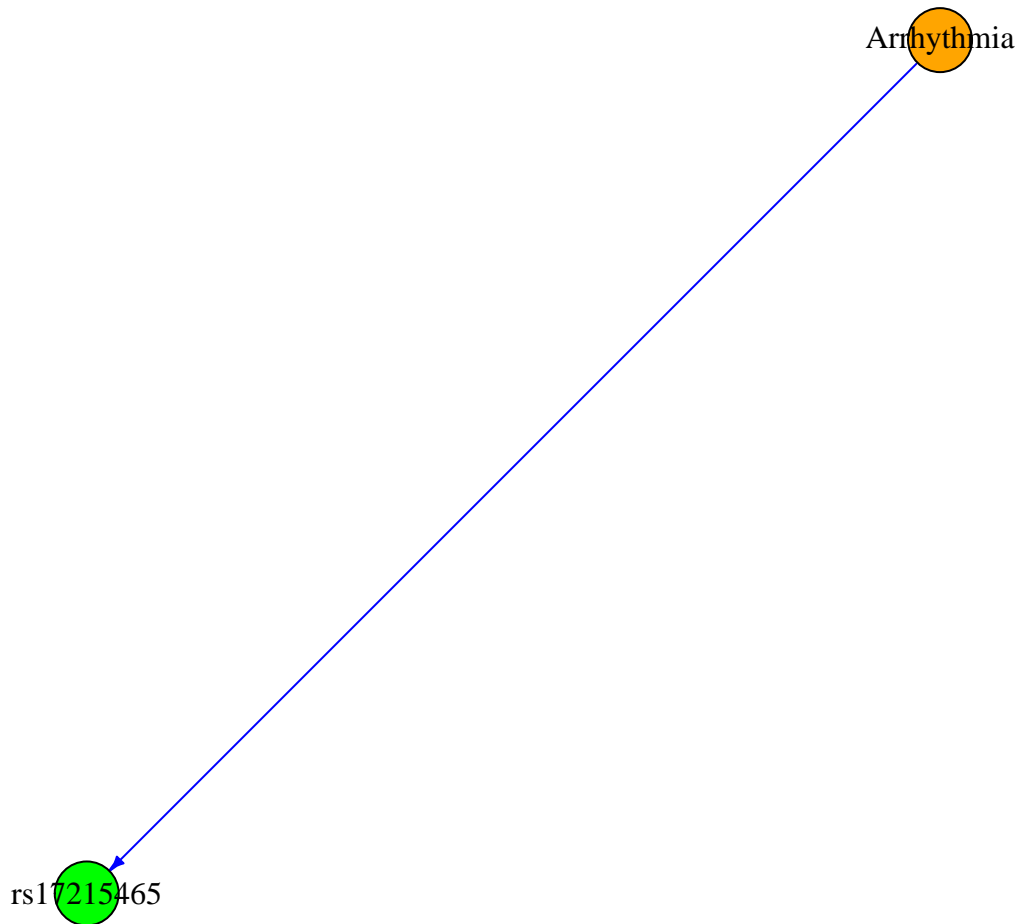


## Variant–Disease Network (Aromatase deficiency)

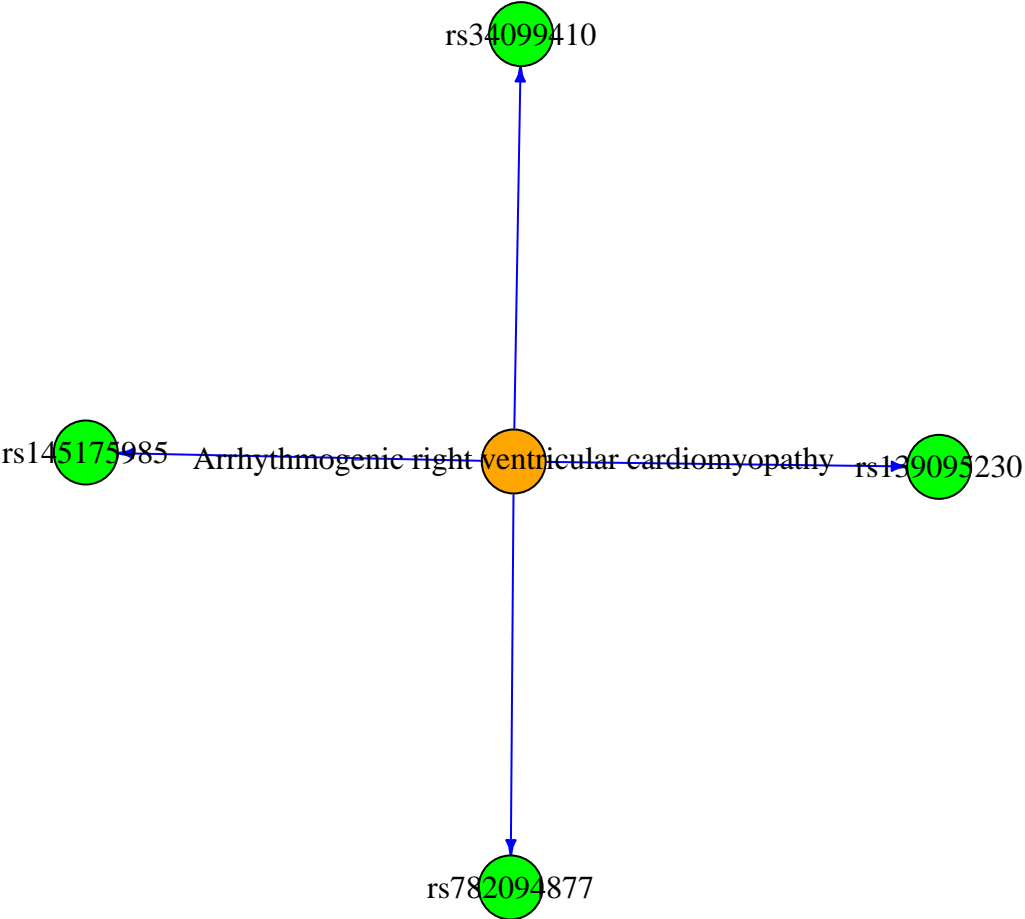




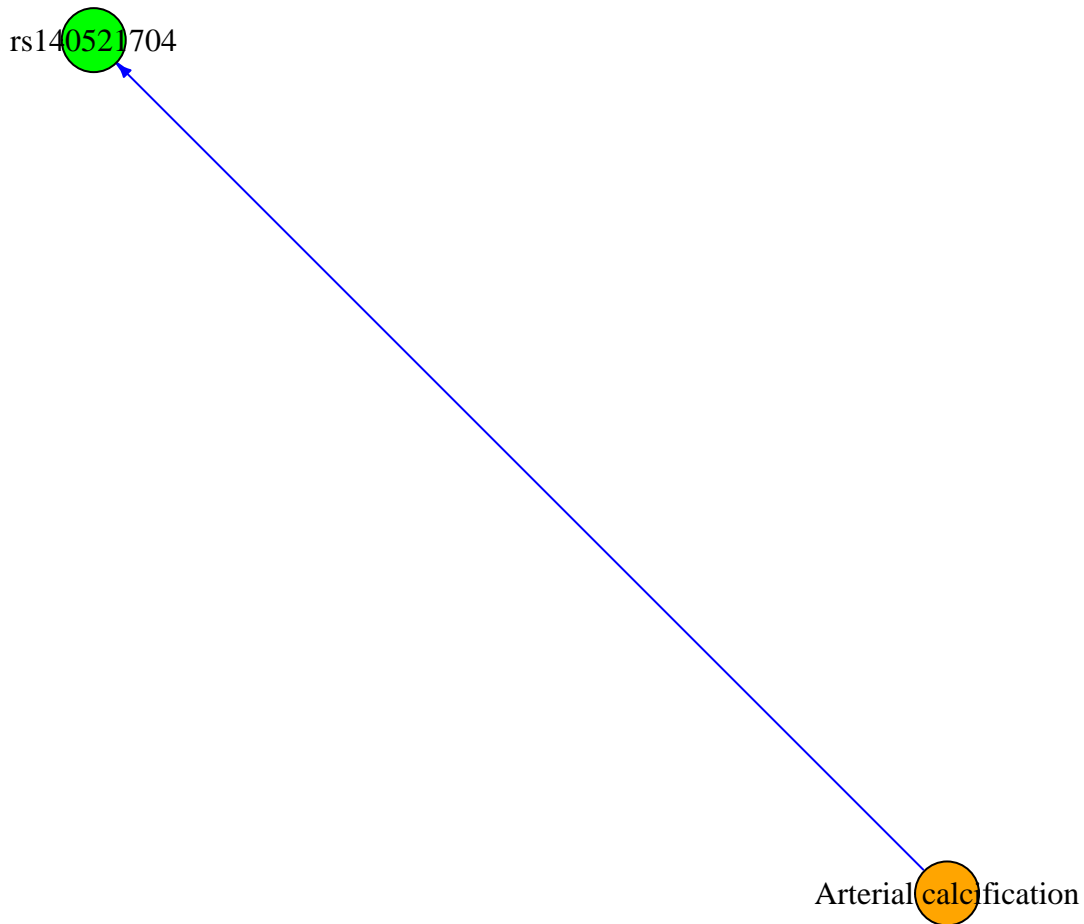
## Variant–Disease Network (Arrhythmia)



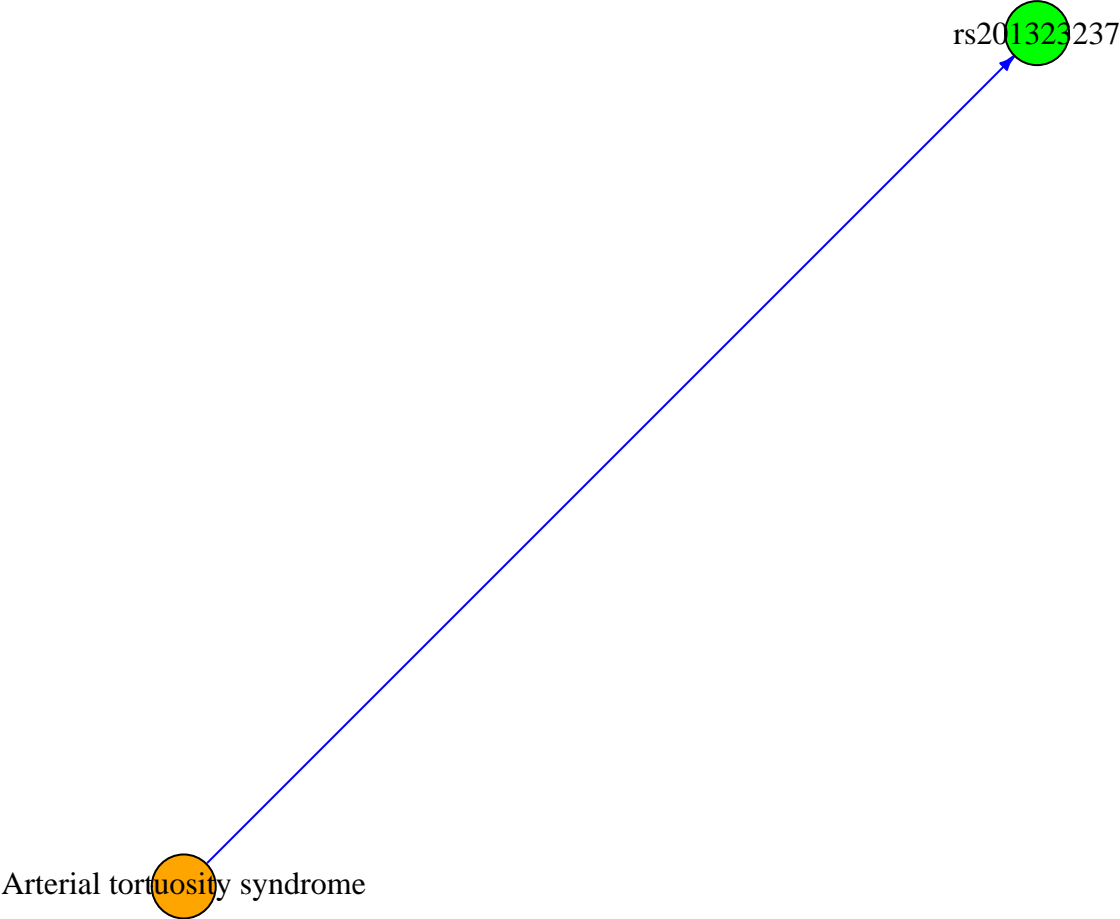
Variant–Disease Network (Arrhythmogenic right ventricular cardiomyopathy)



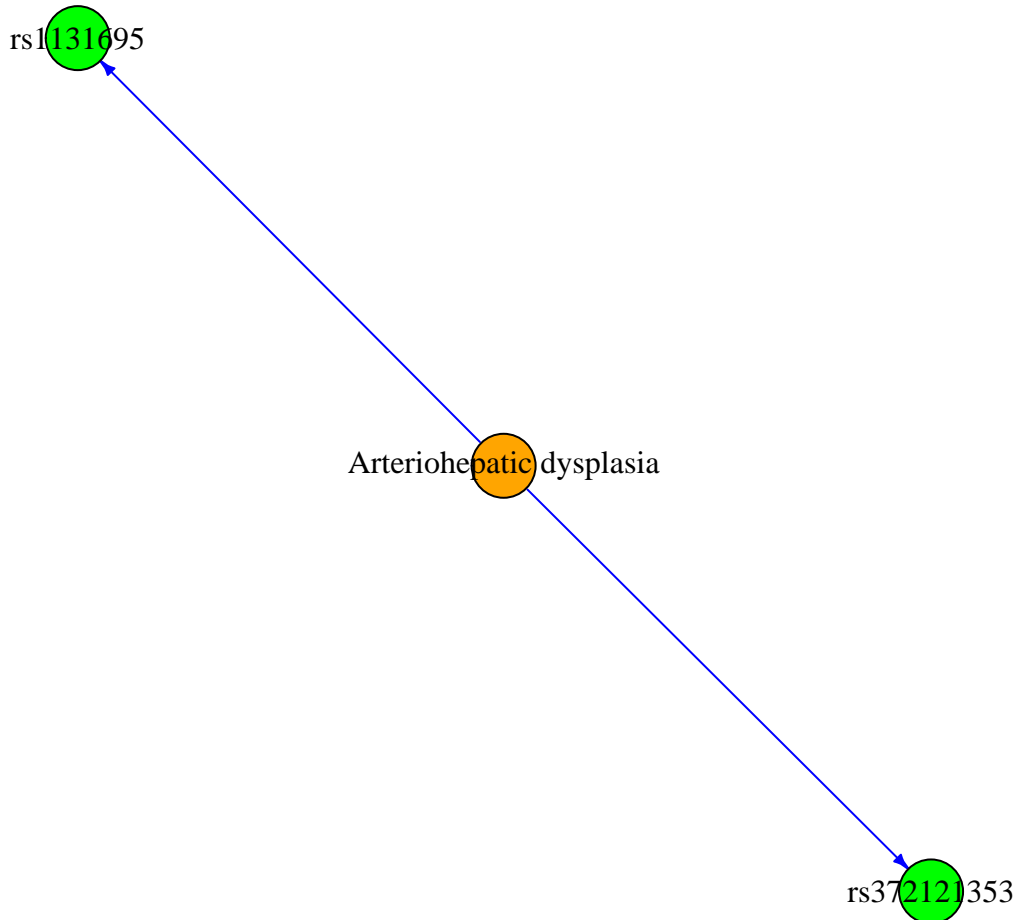
## Variant–Disease Network (Arterial calcification)



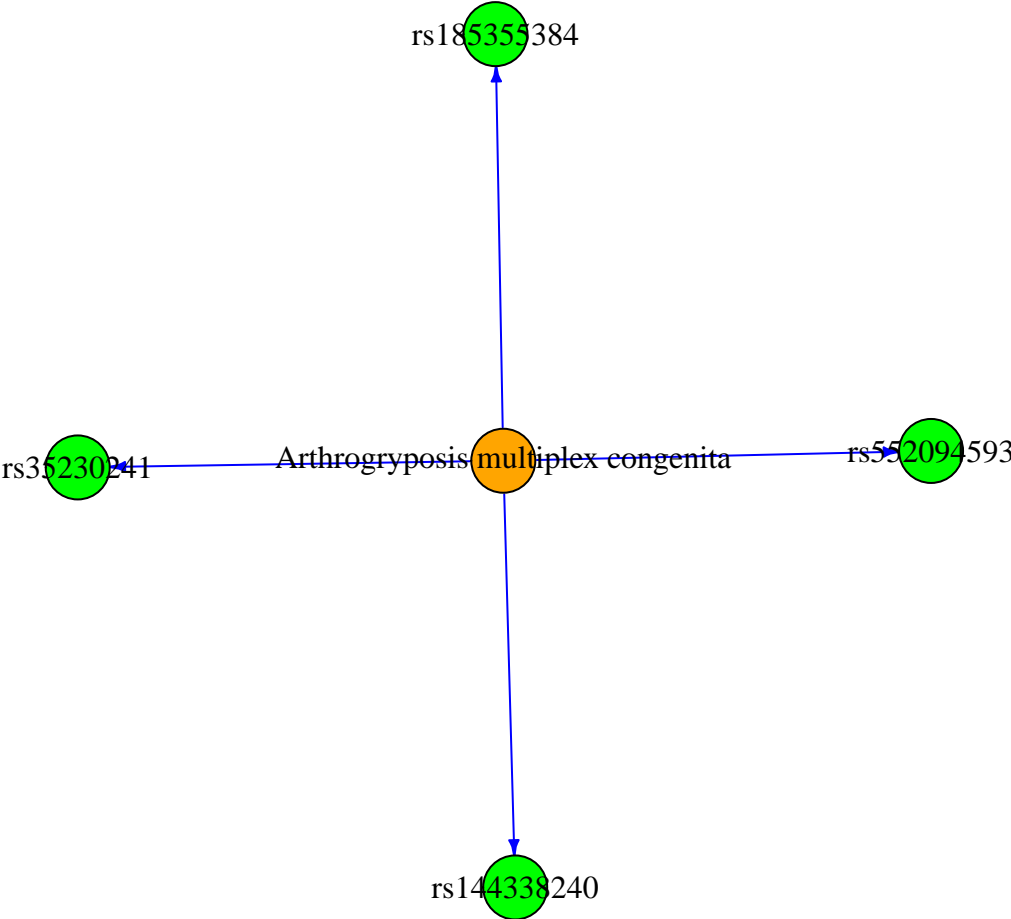
Variant–Disease Network (Arterial tortuosity syndrome)



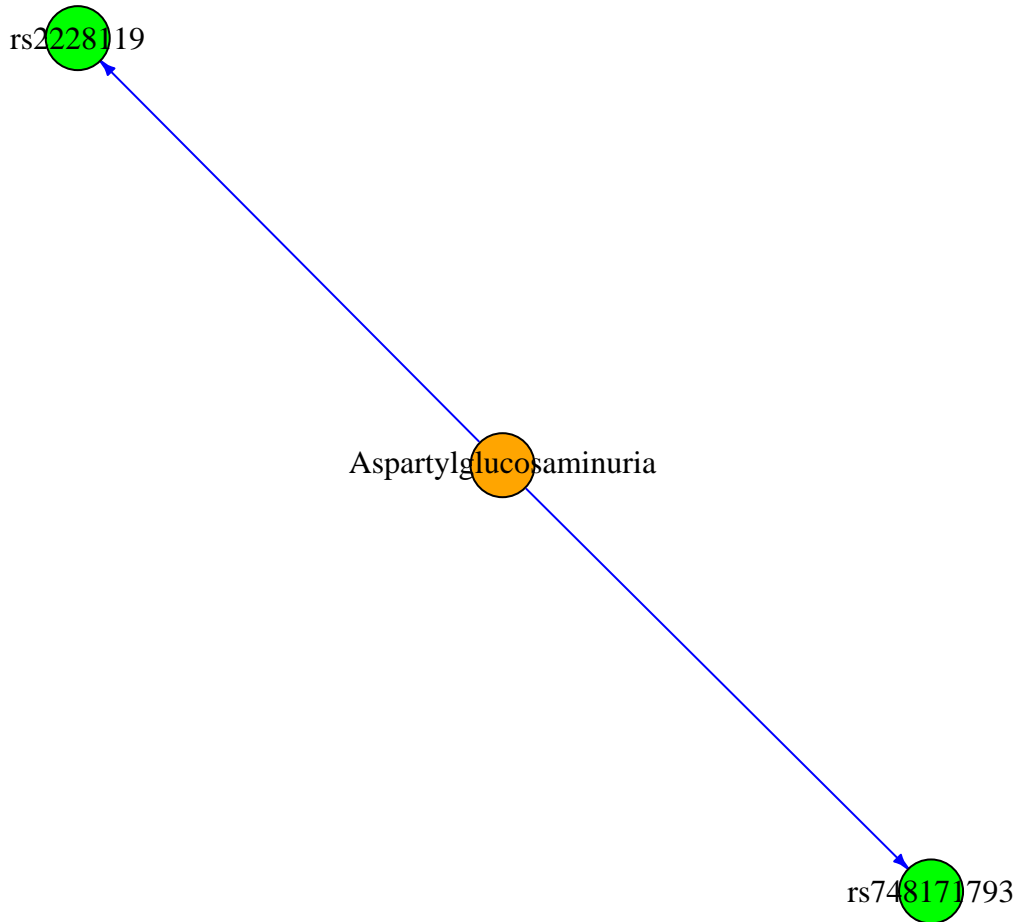
## Variant–Disease Network (Arteriohepatic dysplasia)



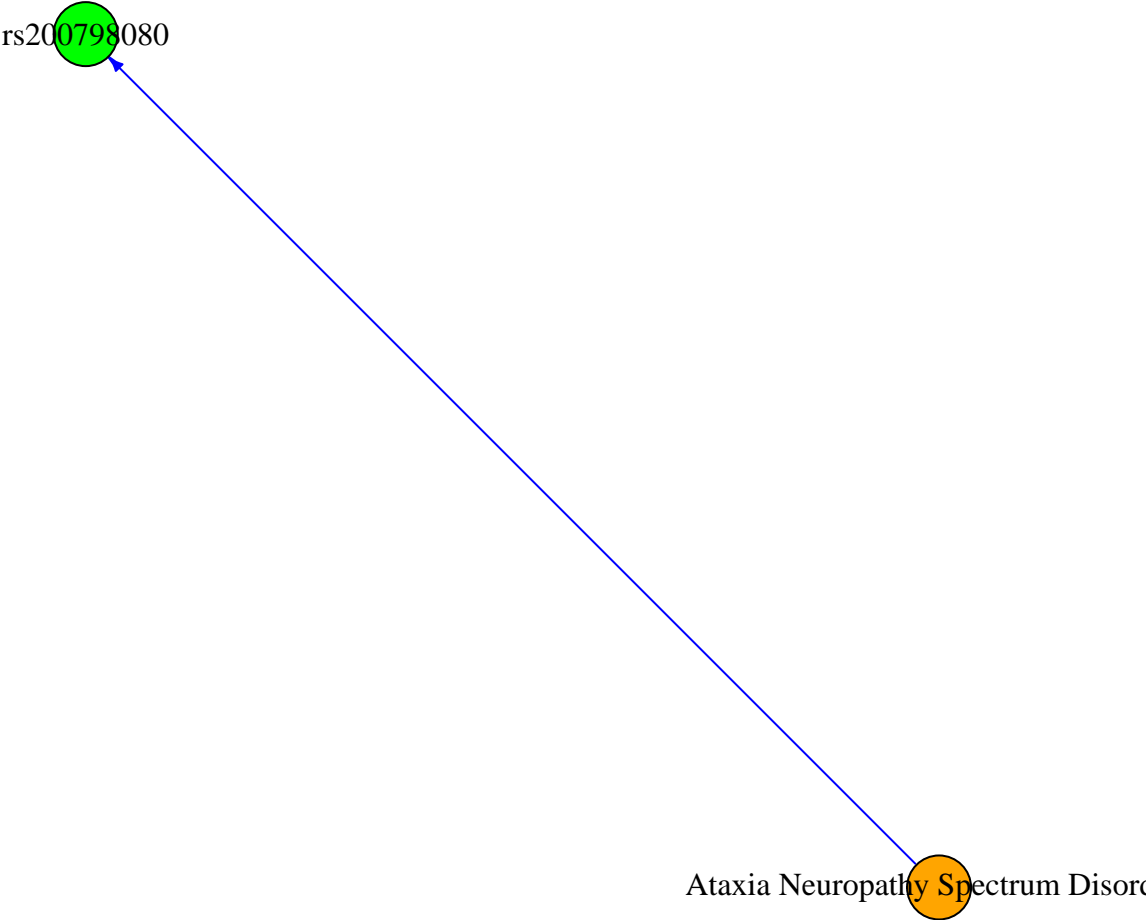
Variant–Disease Network (Arthrogryposis multiplex congenita)



## Variant–Disease Network (Aspartylglucosaminuria)

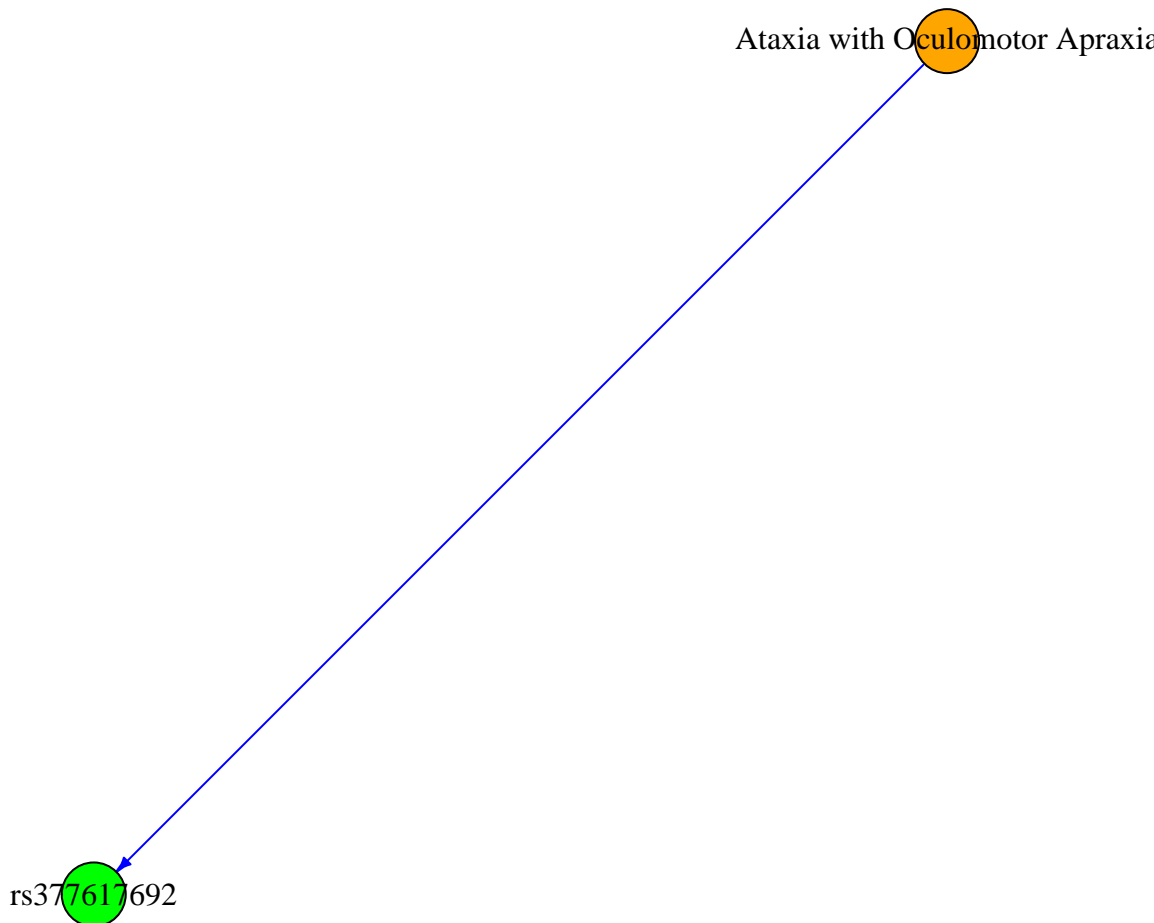


Variant–Disease Network (Ataxia Neuropathy Spectrum Disorders)

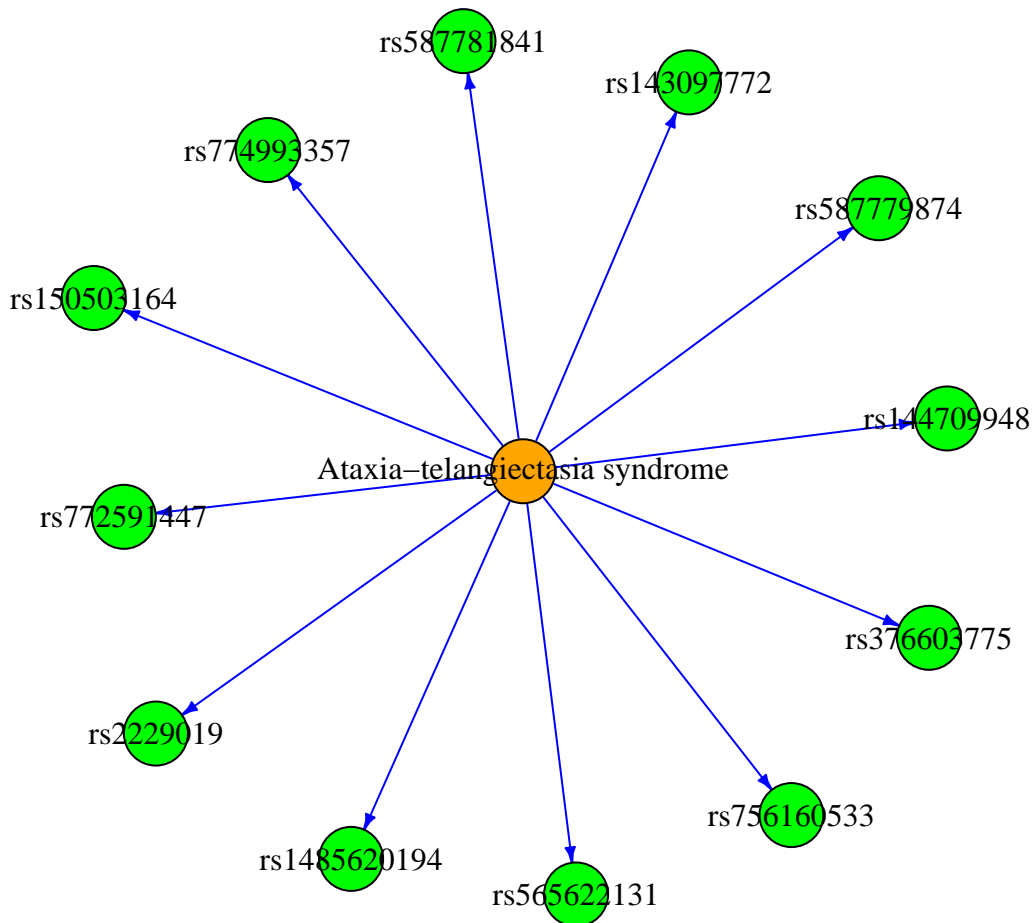




## Variant–Disease Network (Ataxia with Oculomotor Apraxia)



## Variant–Disease Network (Ataxia–telangiectasia syndrome)

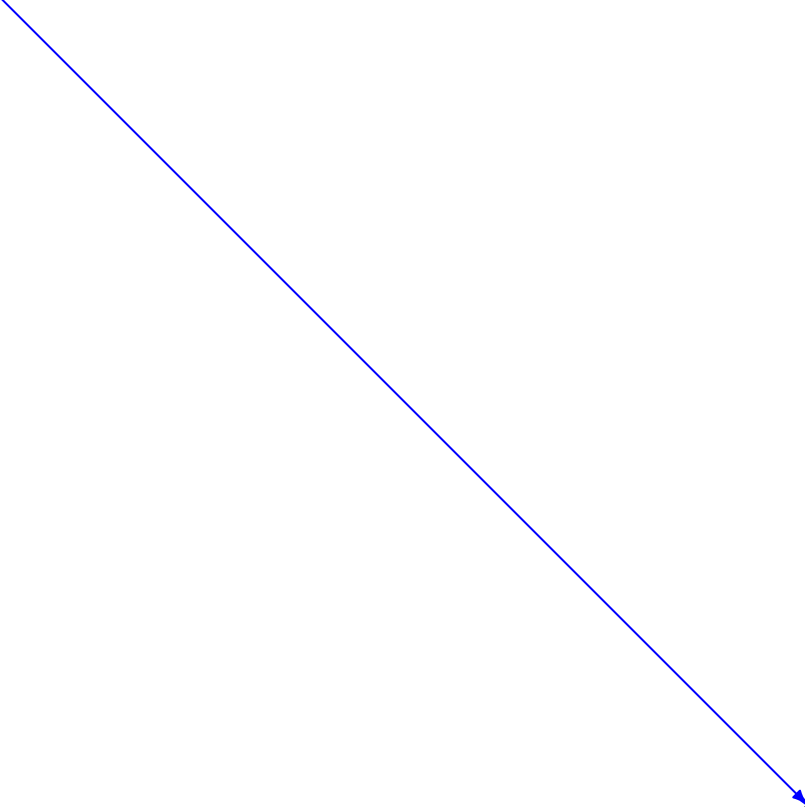


## Variant–Disease Network (Atrichia with papular lesions)

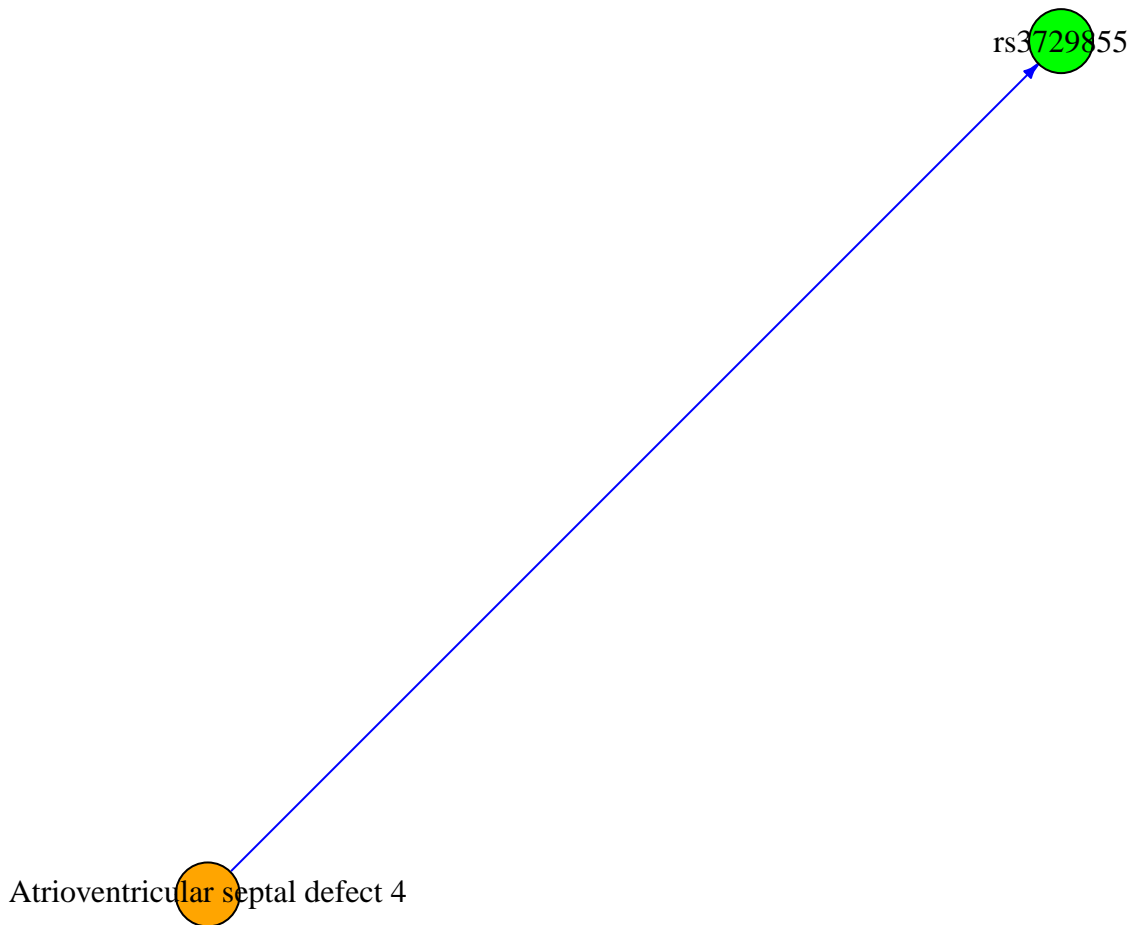
Atrichia with papular lesions



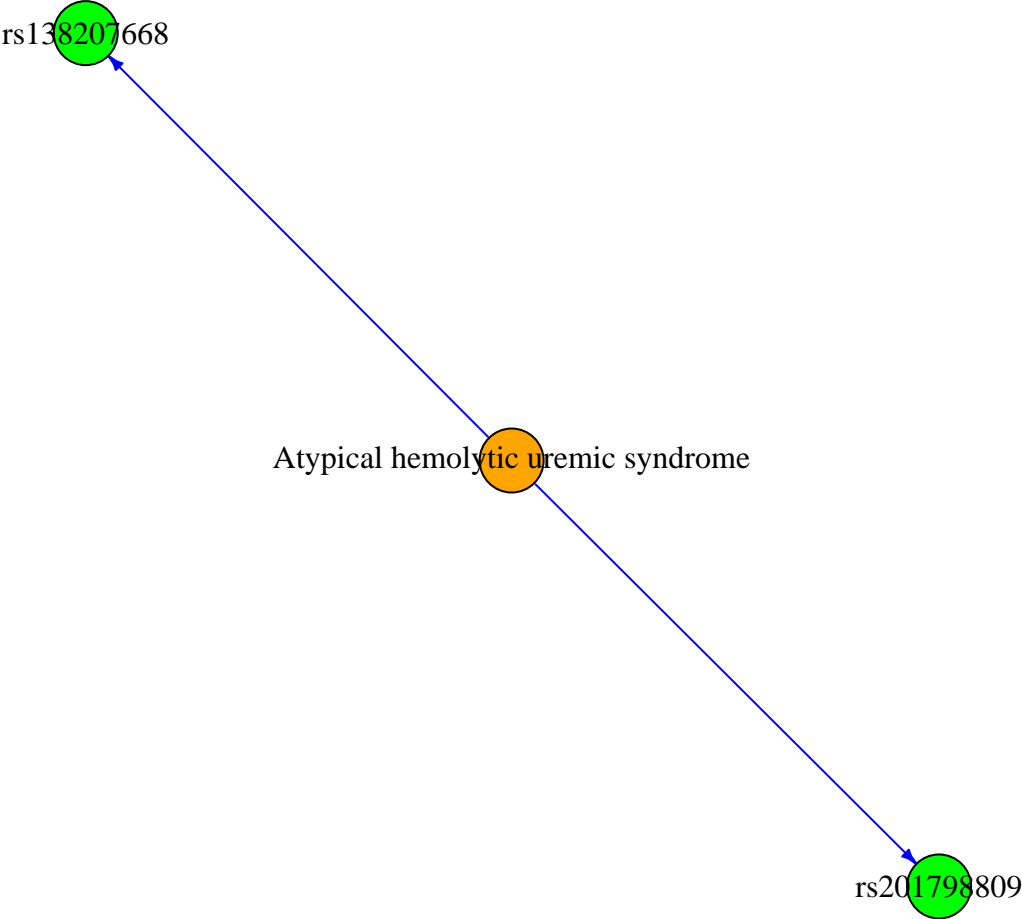
rs143170974



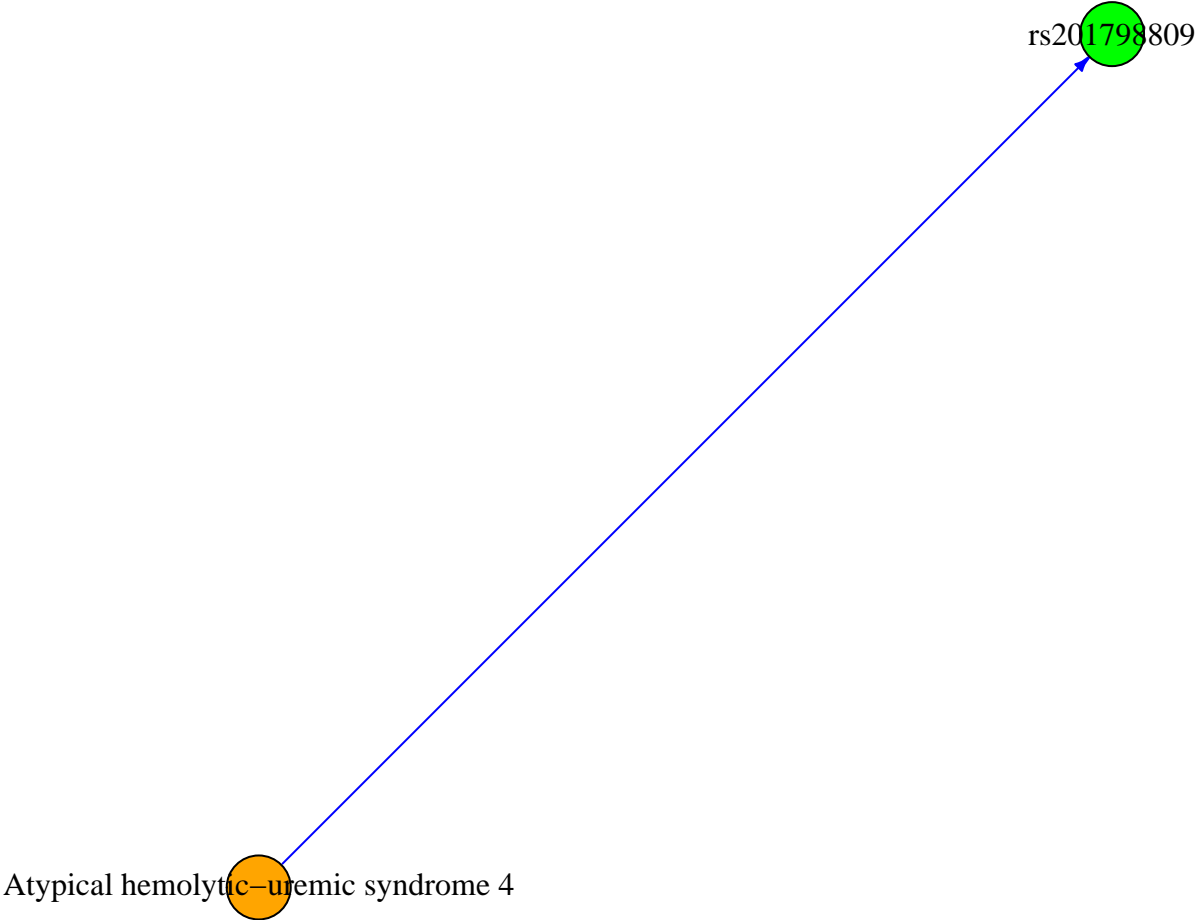
## Variant–Disease Network (Atrioventricular septal defect 4)



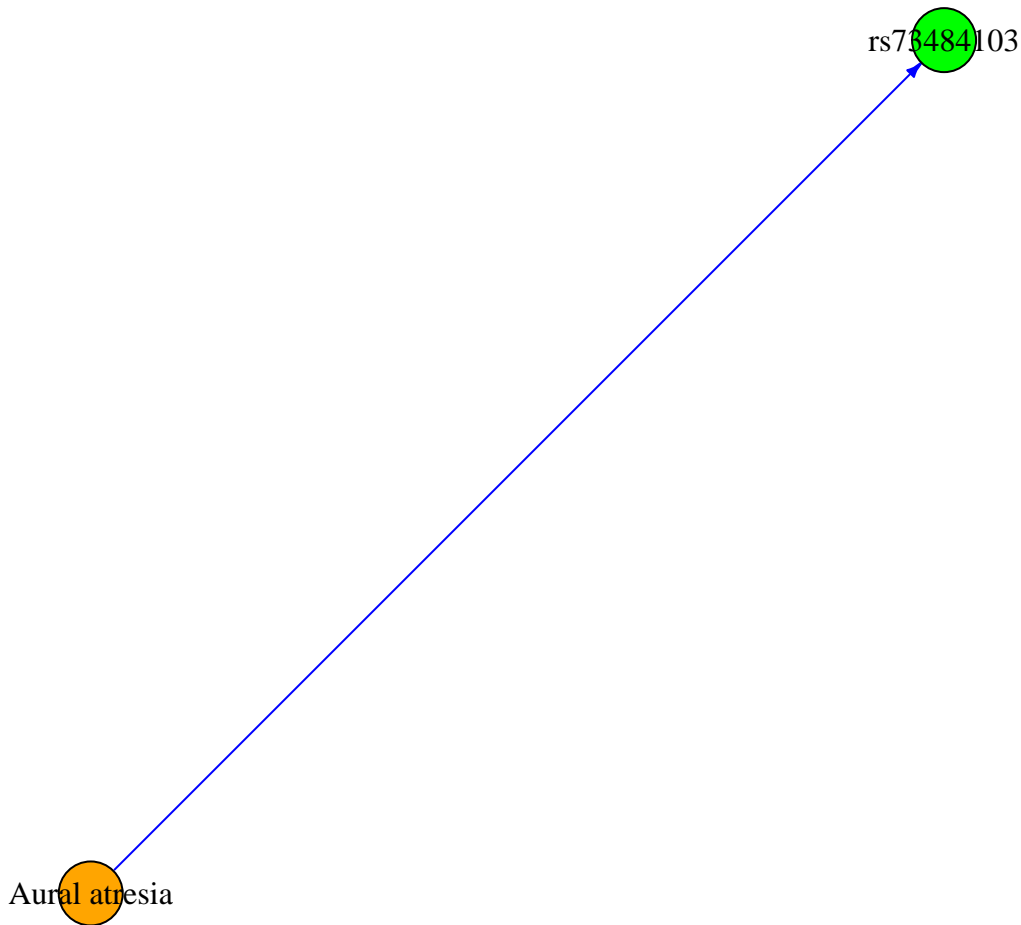
Variant–Disease Network (Atypical hemolytic uremic syndrome)



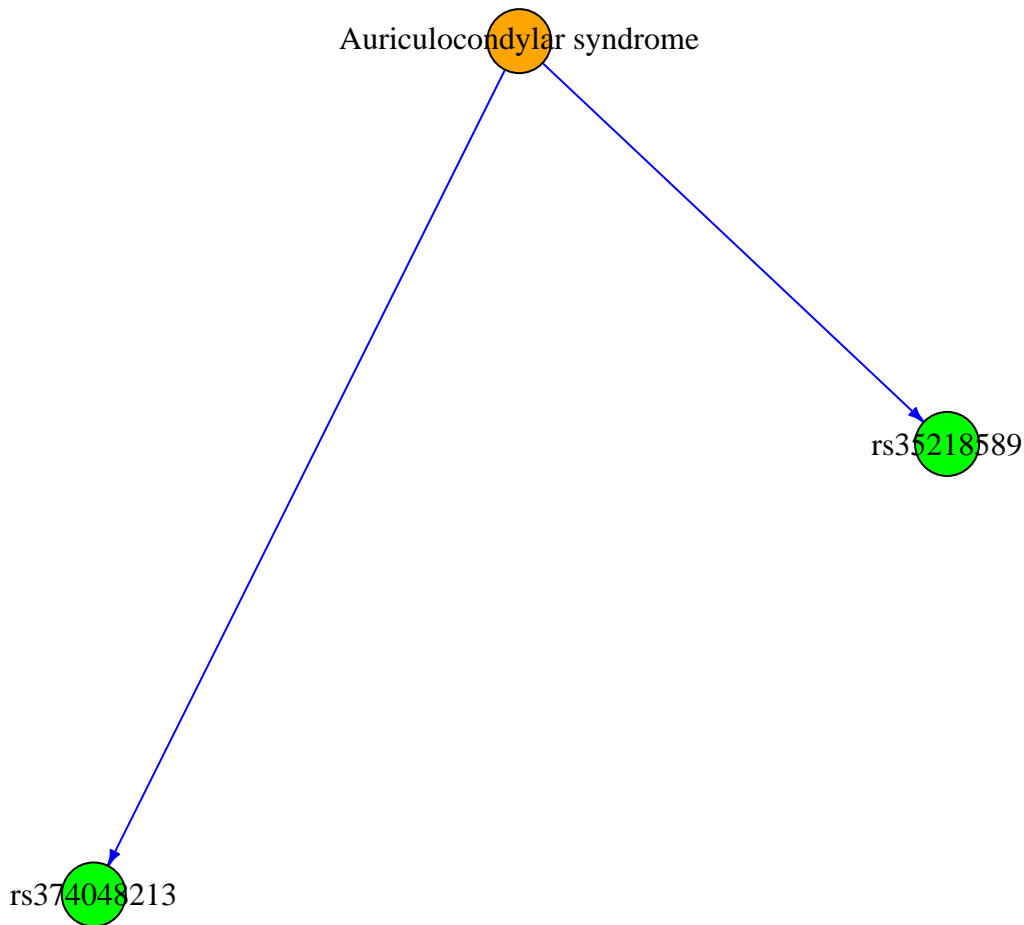
**Variant–Disease Network (Atypical hemolytic–uremic syndrome 4)**



## Variant-Disease Network (Aural atresia)

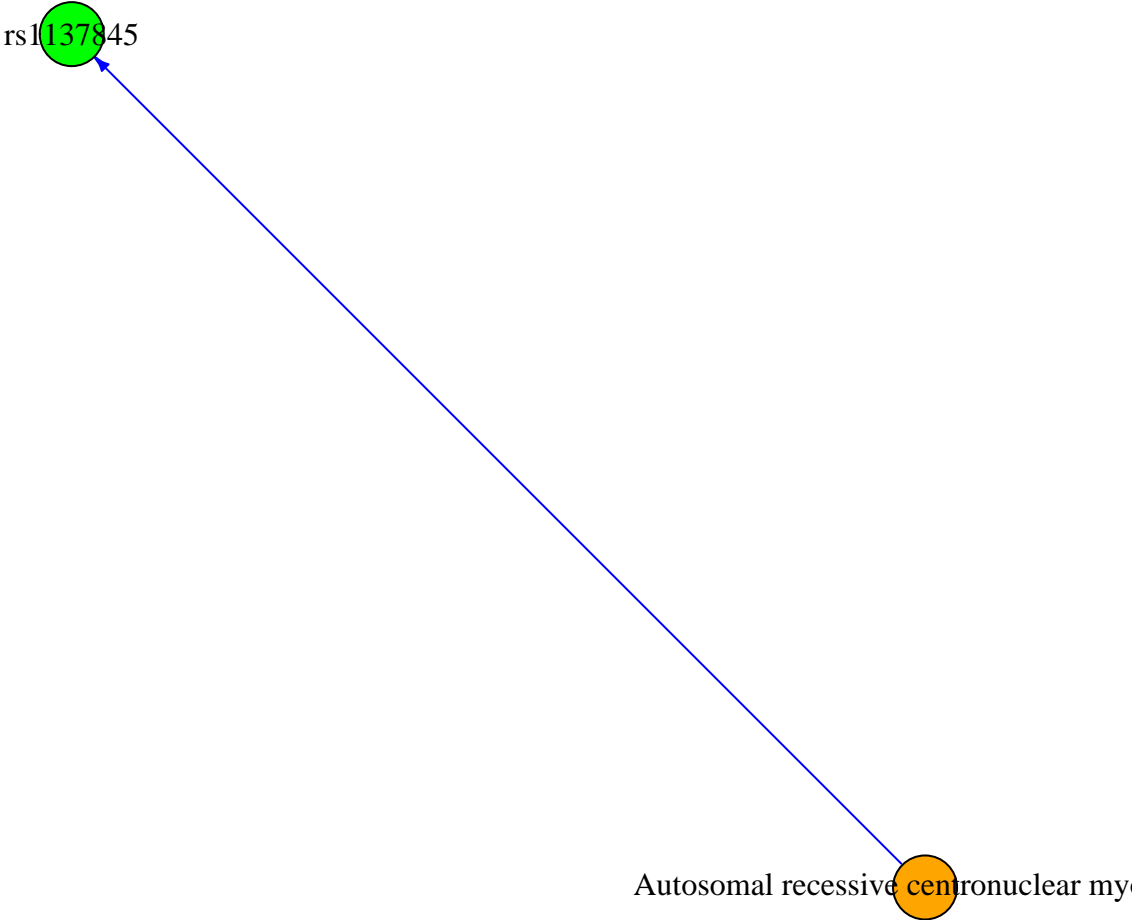


# Variant–Disease Network (Auriculocondylar syndrome)

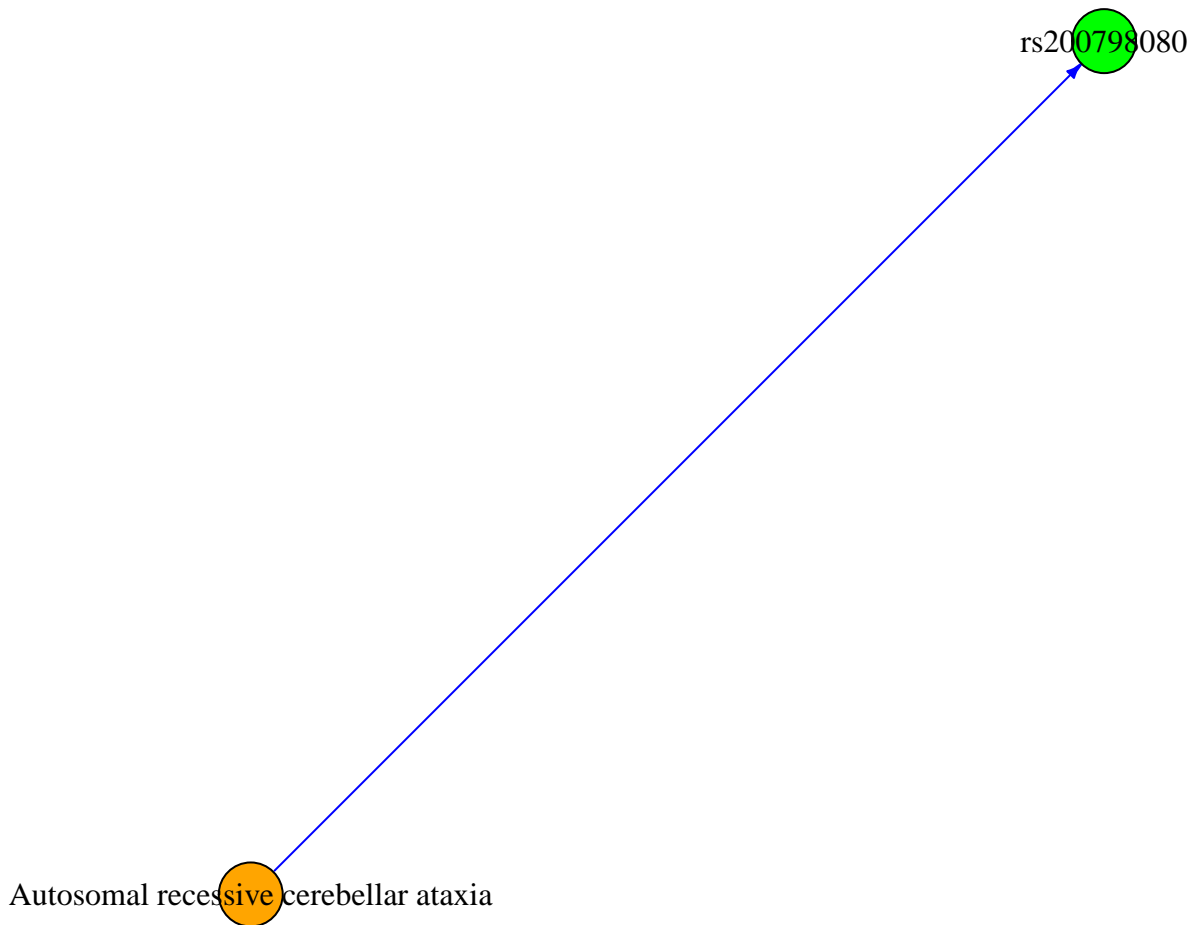




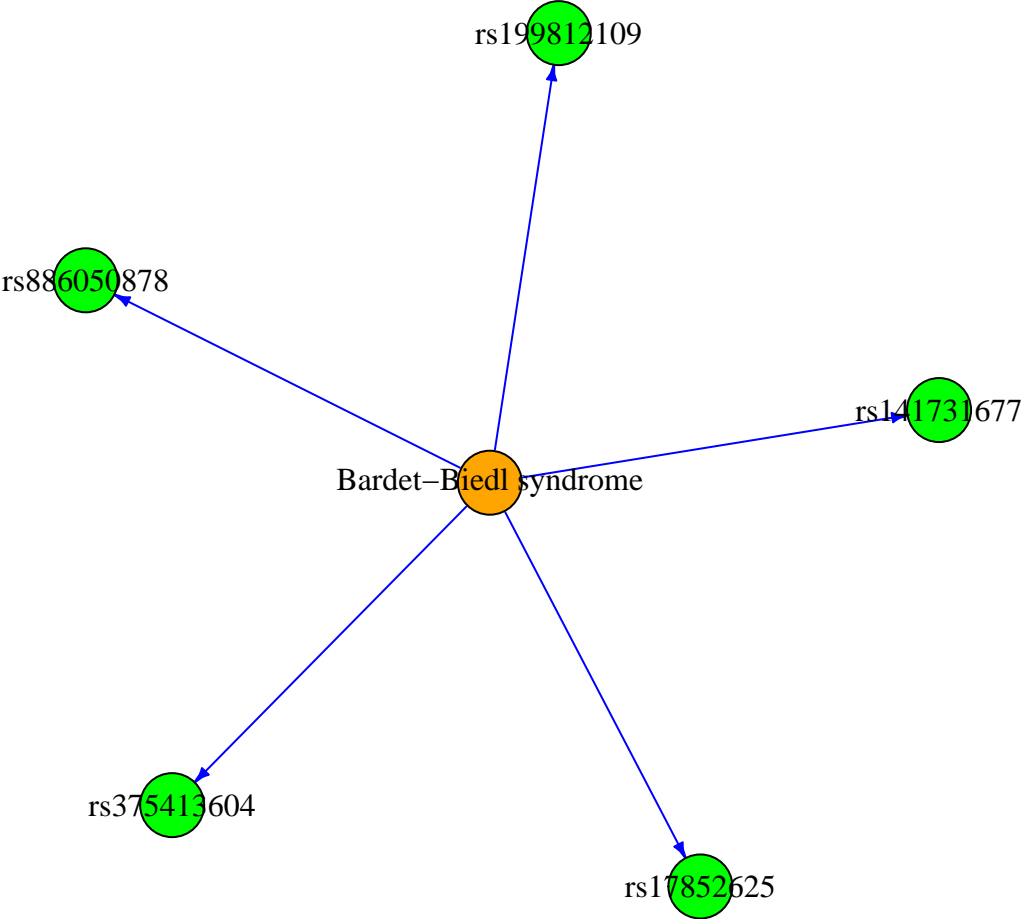
Variant–Disease Network (Autosomal recessive centronuclear myopathy)



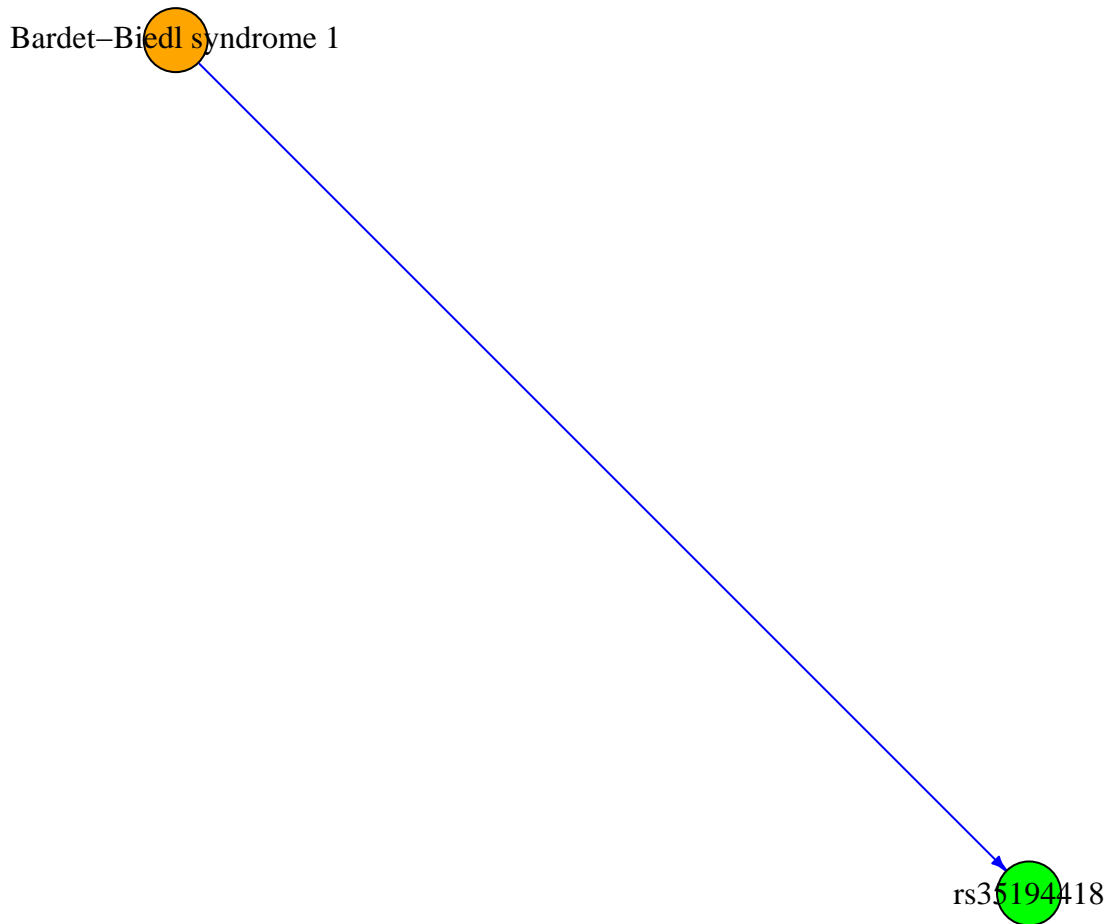
# Variant–Disease Network (Autosomal recessive cerebellar ataxia)



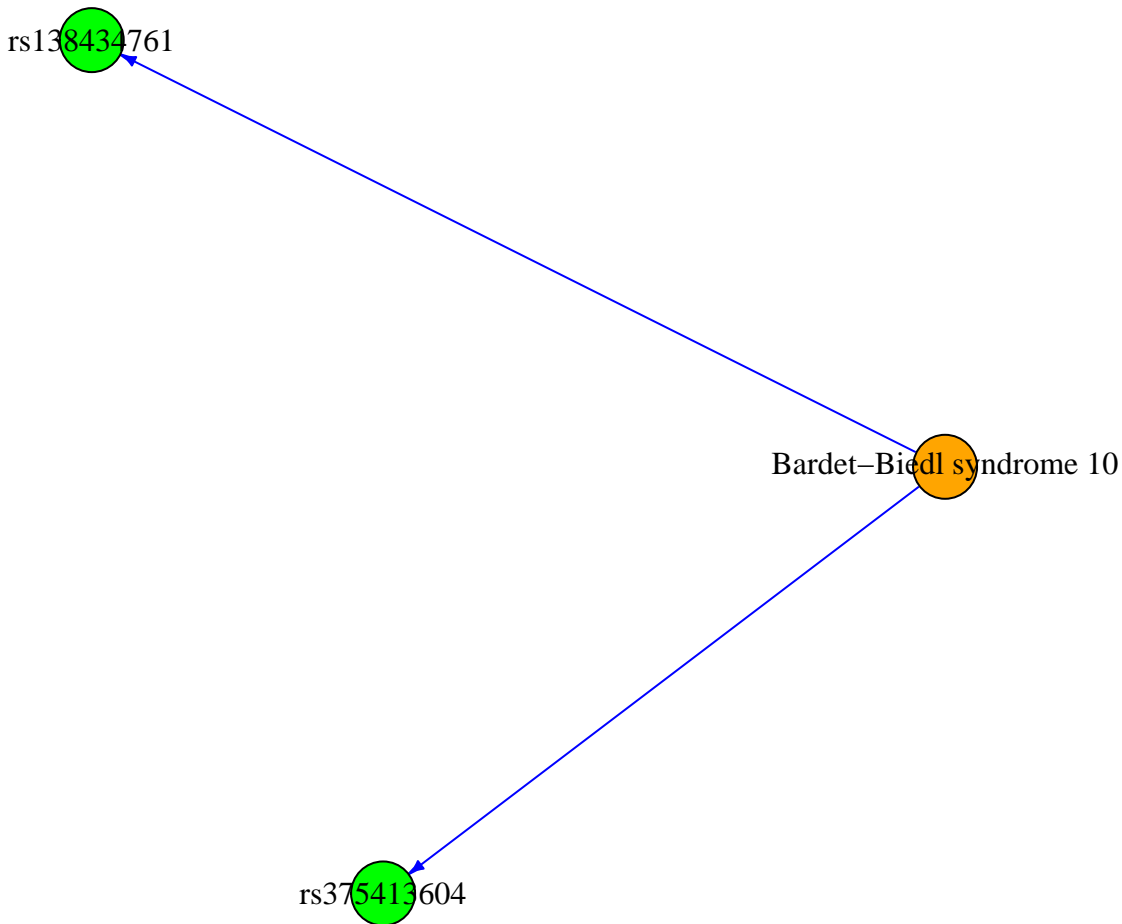
**Variant–Disease Network (Bardet–Biedl syndrome)**



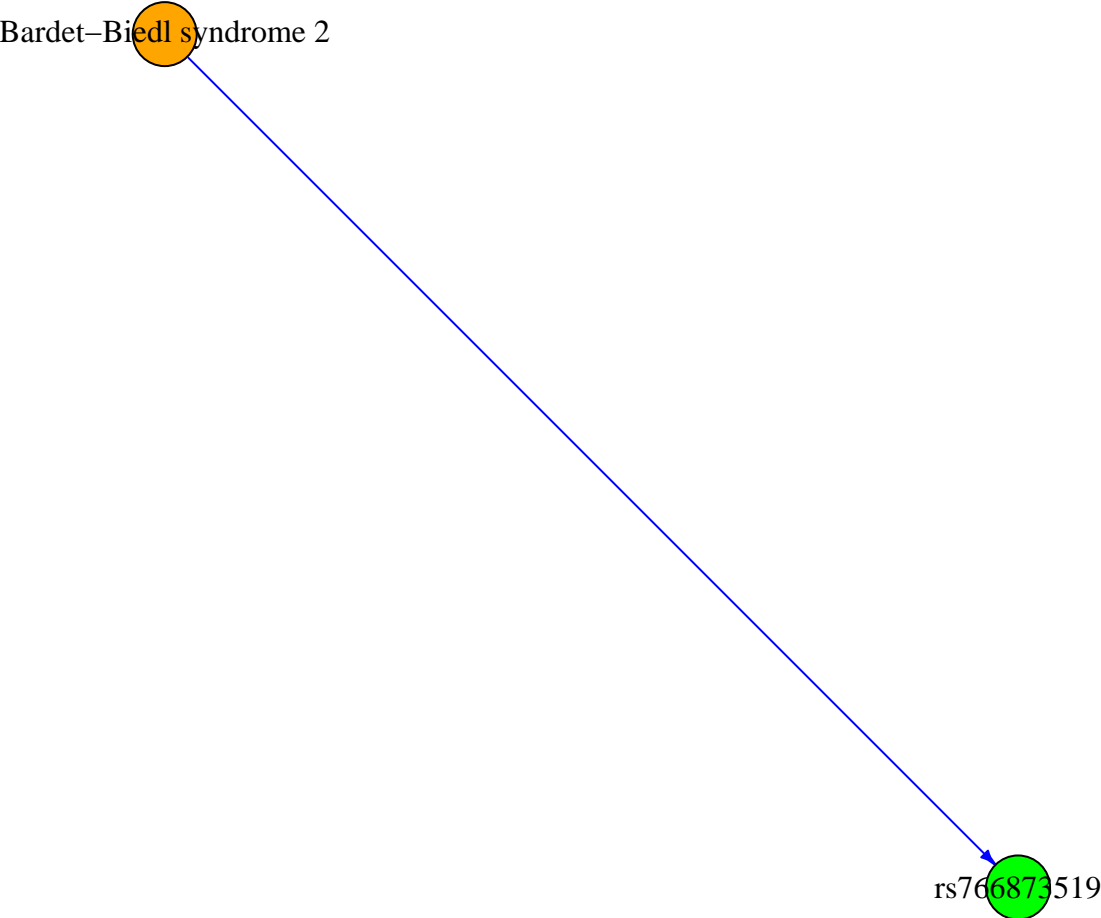
## Variant–Disease Network (Bardet–Biedl syndrome 1)



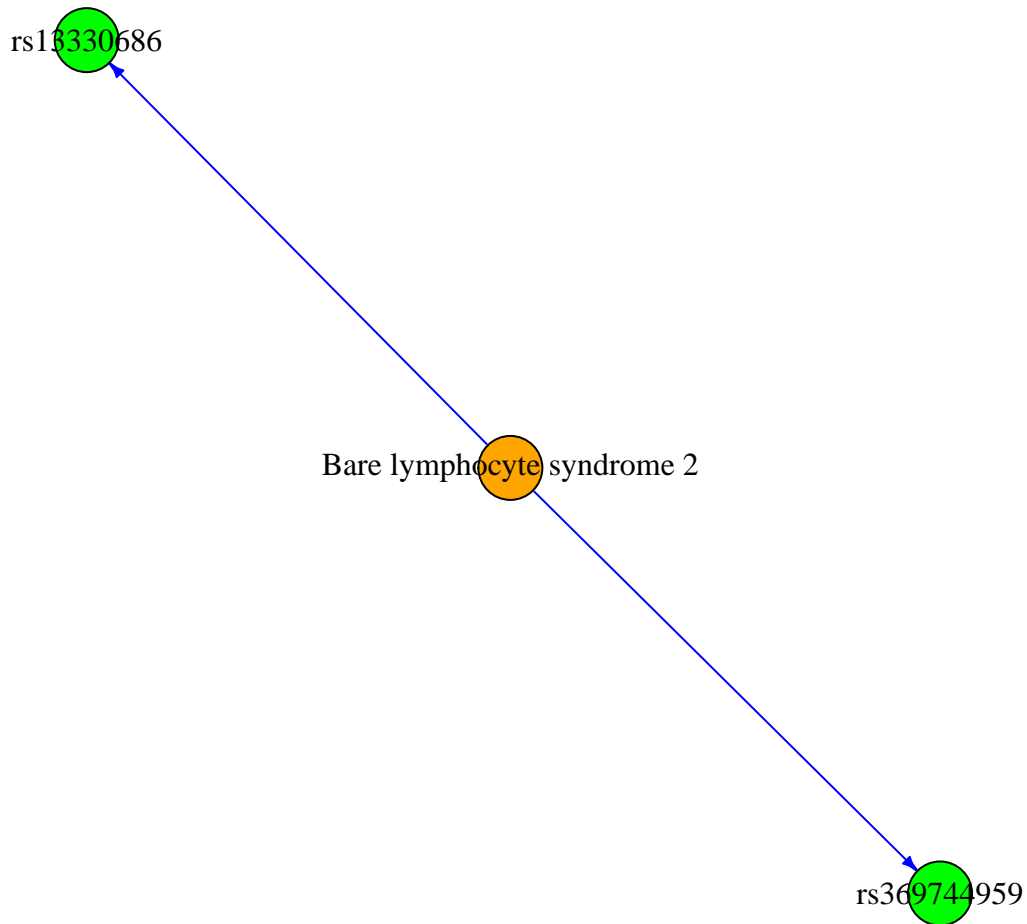
# Variant-Disease Network (Bardet-Biedl syndrome 10)



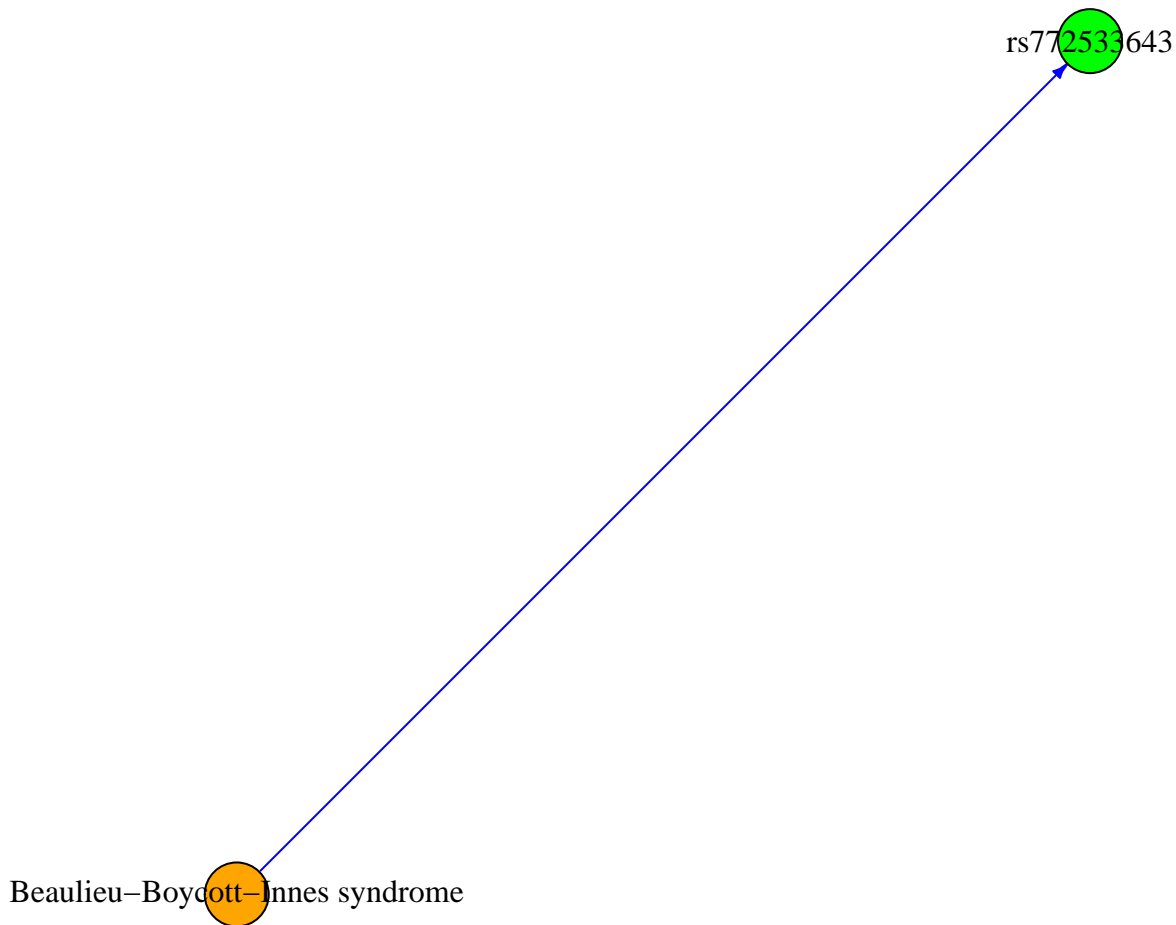
Variant–Disease Network (Bardet–Biedl syndrome 2)



## Variant–Disease Network (Bare lymphocyte syndrome 2)

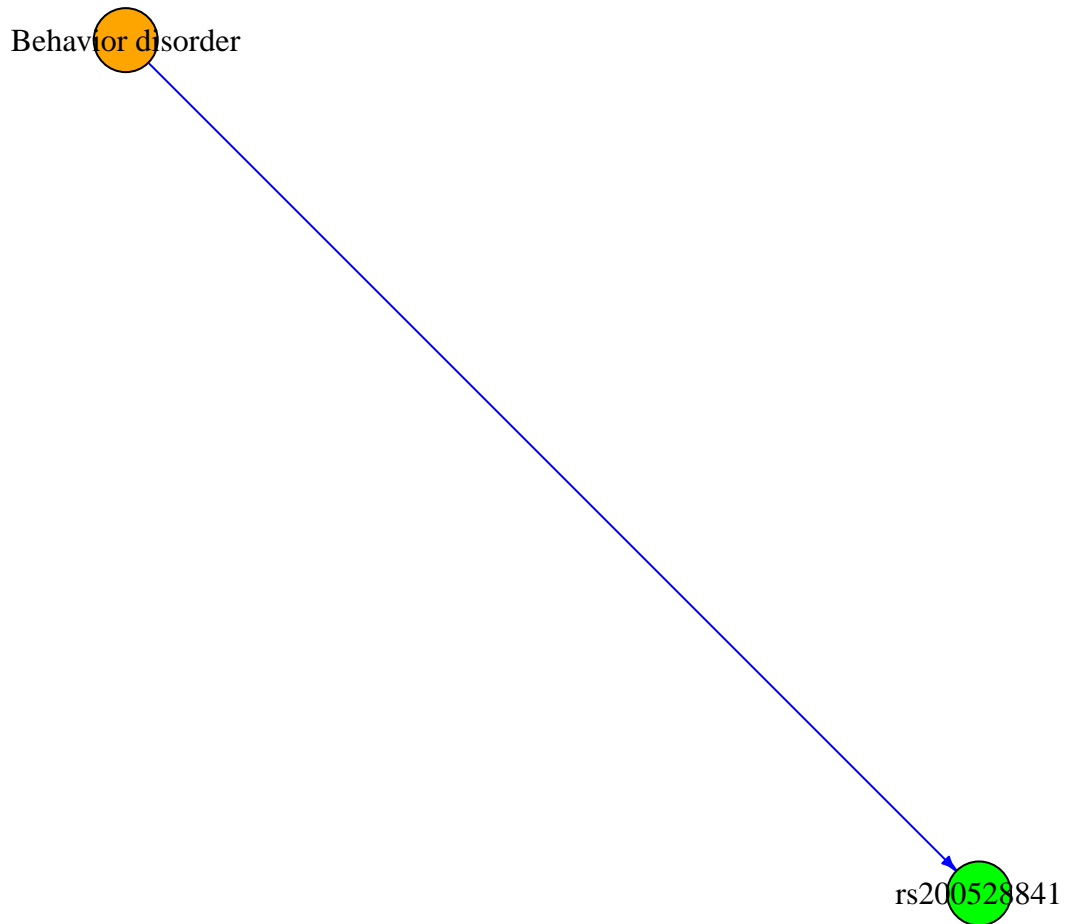


# Variant–Disease Network (Beaulieu–Boycott–Innes syndrome)

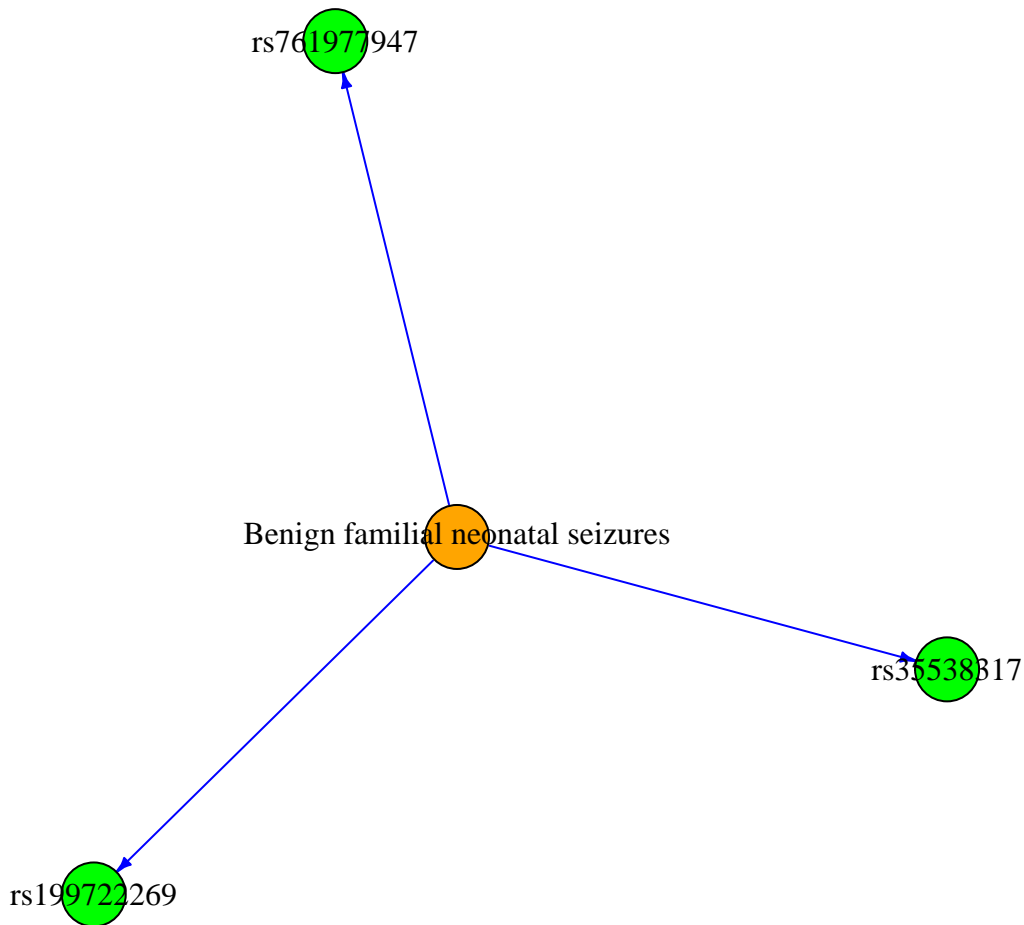




## Variant–Disease Network (Behavior disorder)



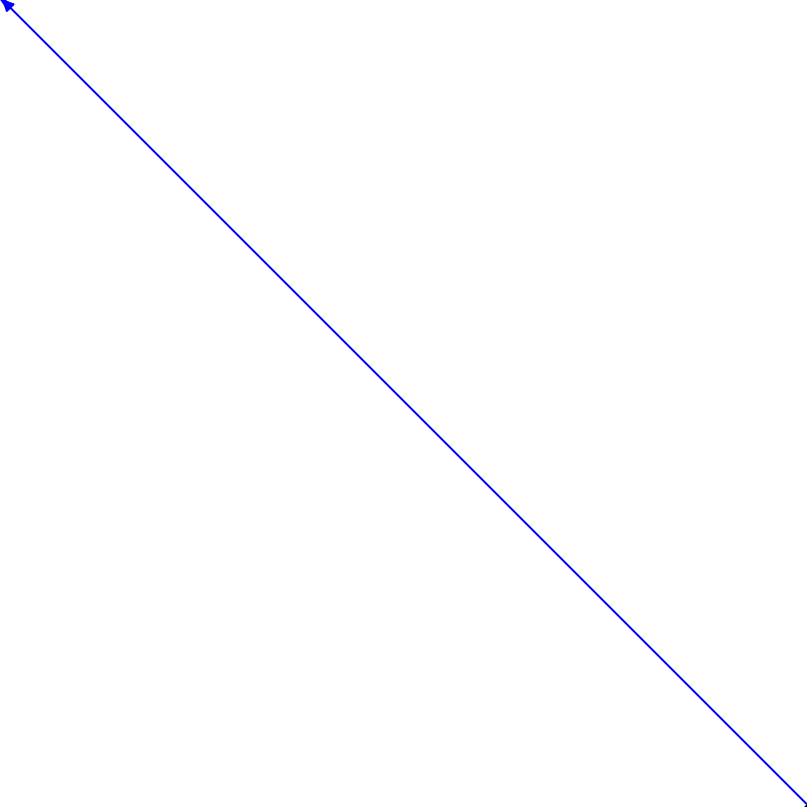
## Variant–Disease Network (Benign familial neonatal seizures)



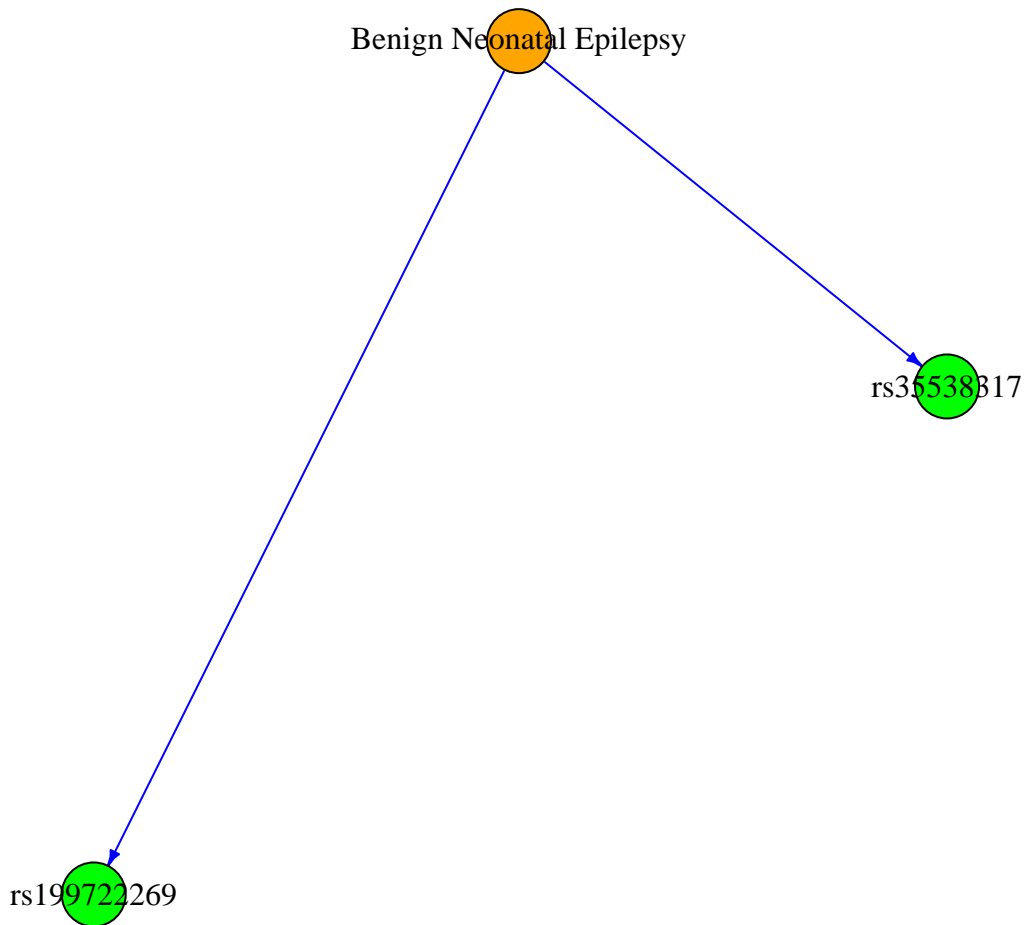
## Variant–Disease Network (Benign familial neonatal seizures 2)

rs375379466

Benign familial neonatal seizures



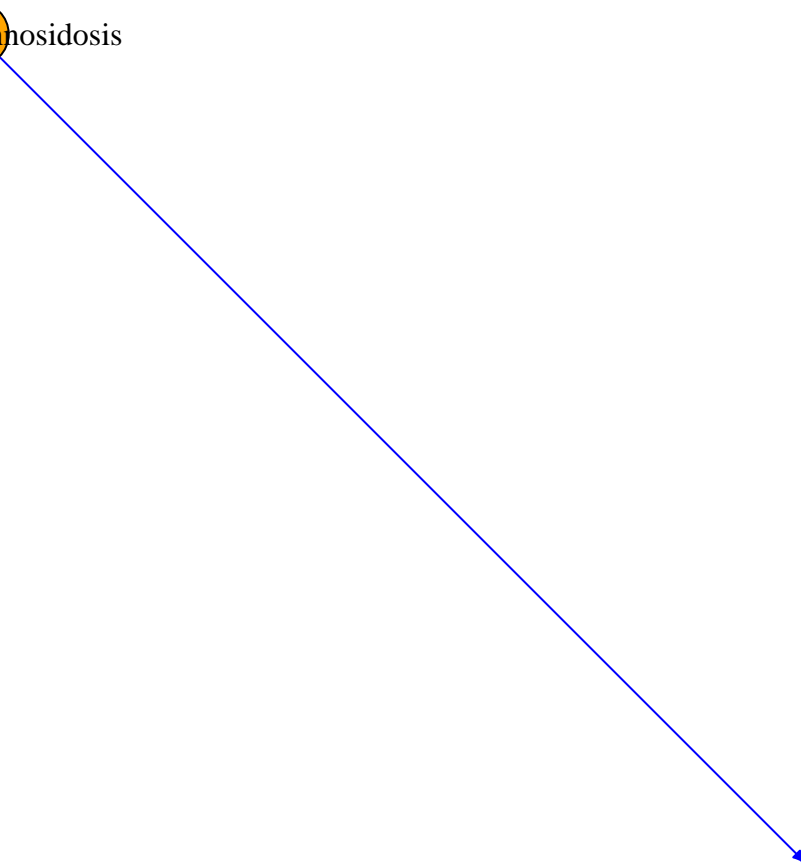
## Variant–Disease Network (Benign Neonatal Epilepsy)



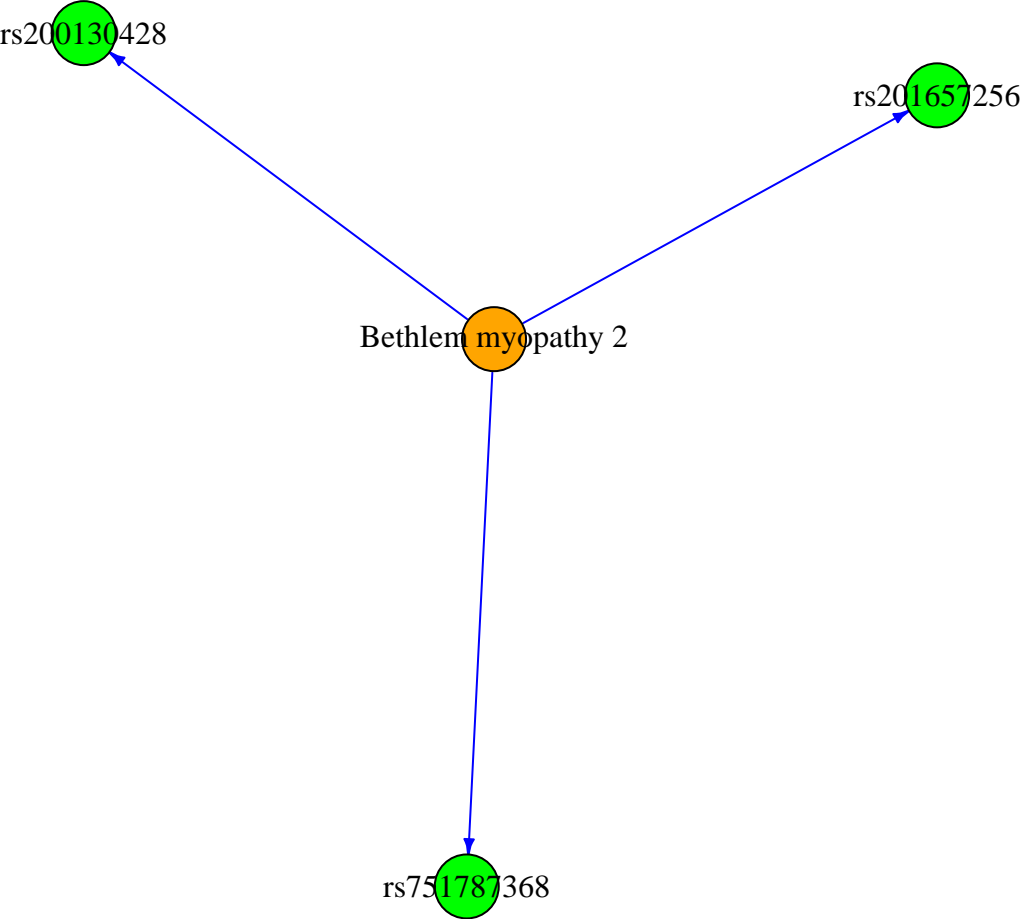
## Variant-Disease Network (Beta-D-mannosidosis)

Beta-D-mannosidosis

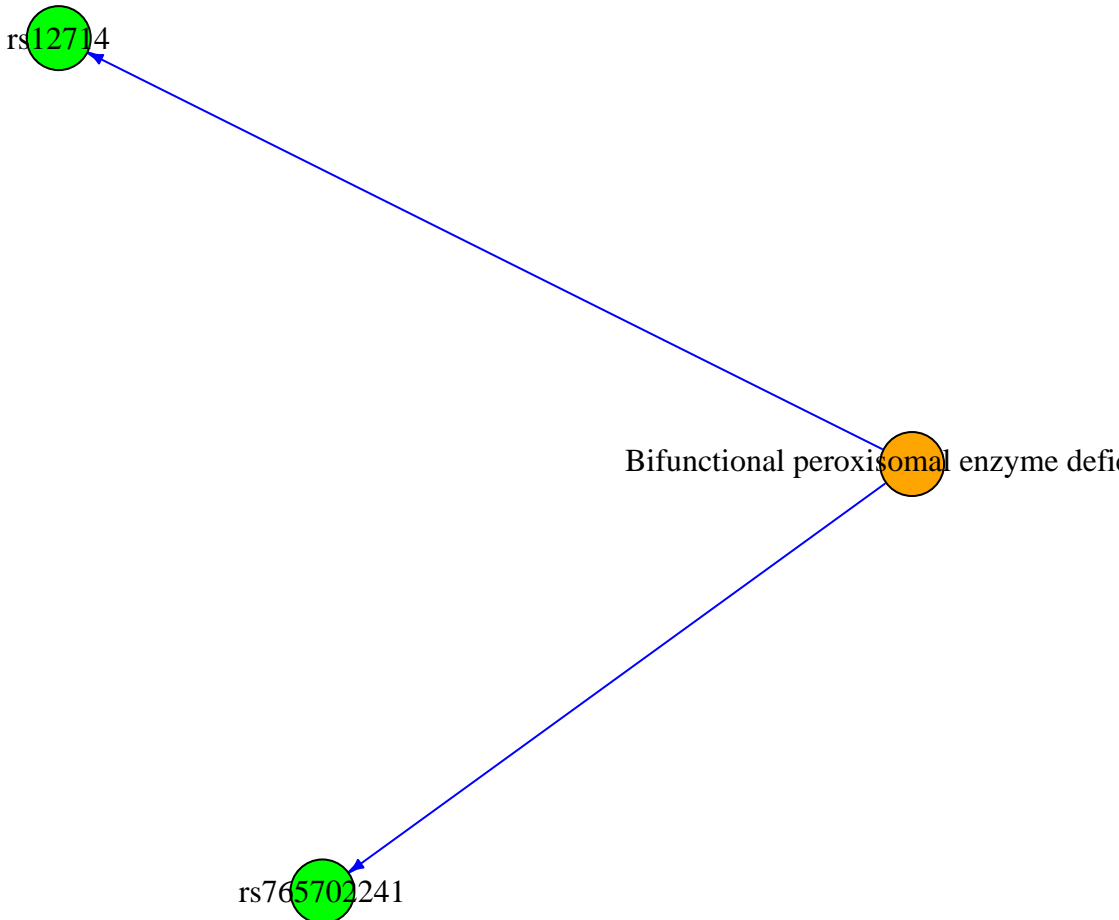
rs2866413



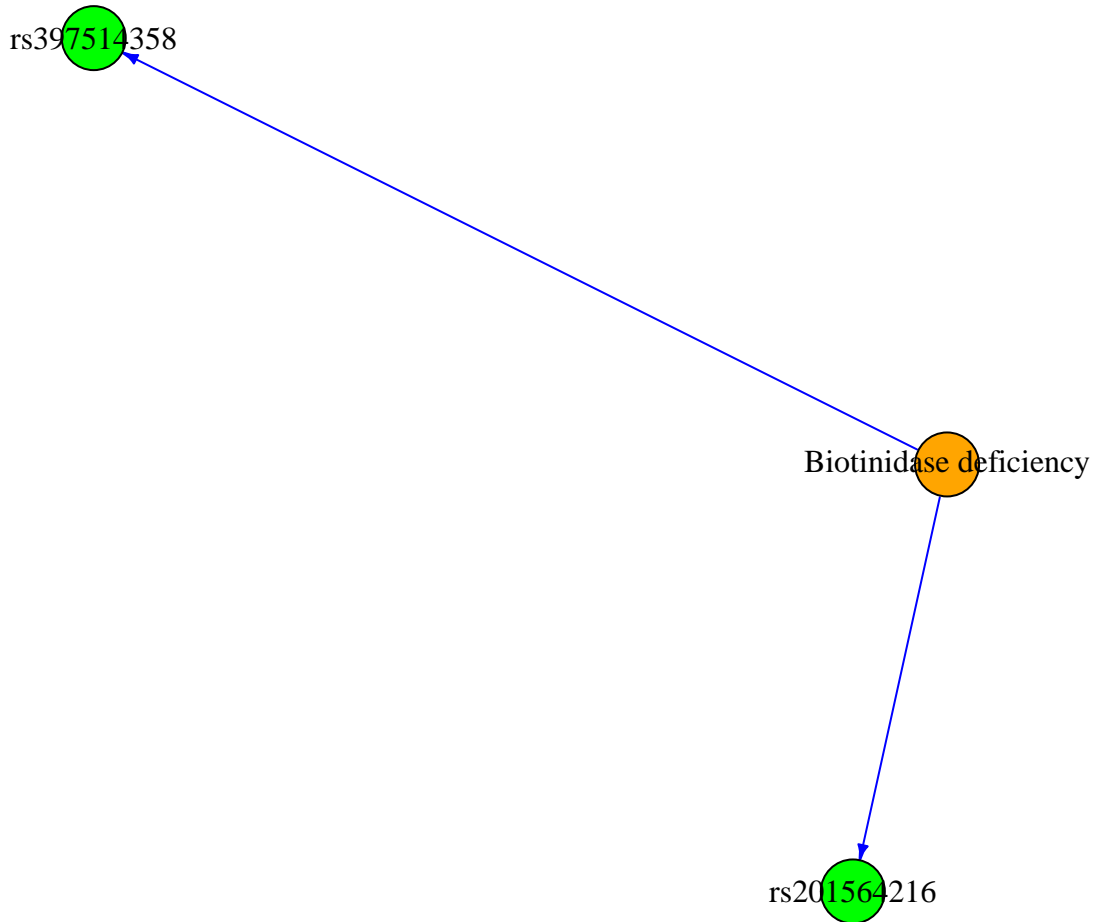
**Variant–Disease Network (Bethlem myopathy 2)**



# Variant–Disease Network (Bifunctional peroxisomal enzyme deficiency)

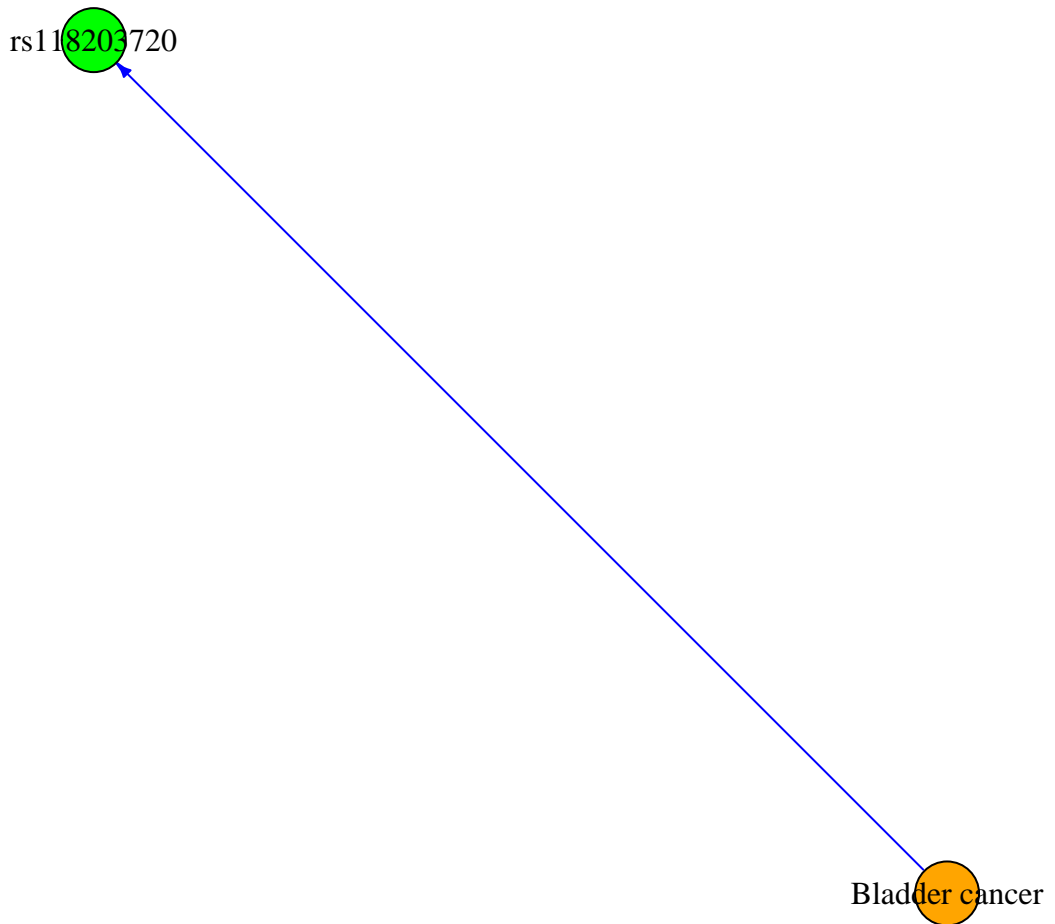


## Variant–Disease Network (Biotinidase deficiency)

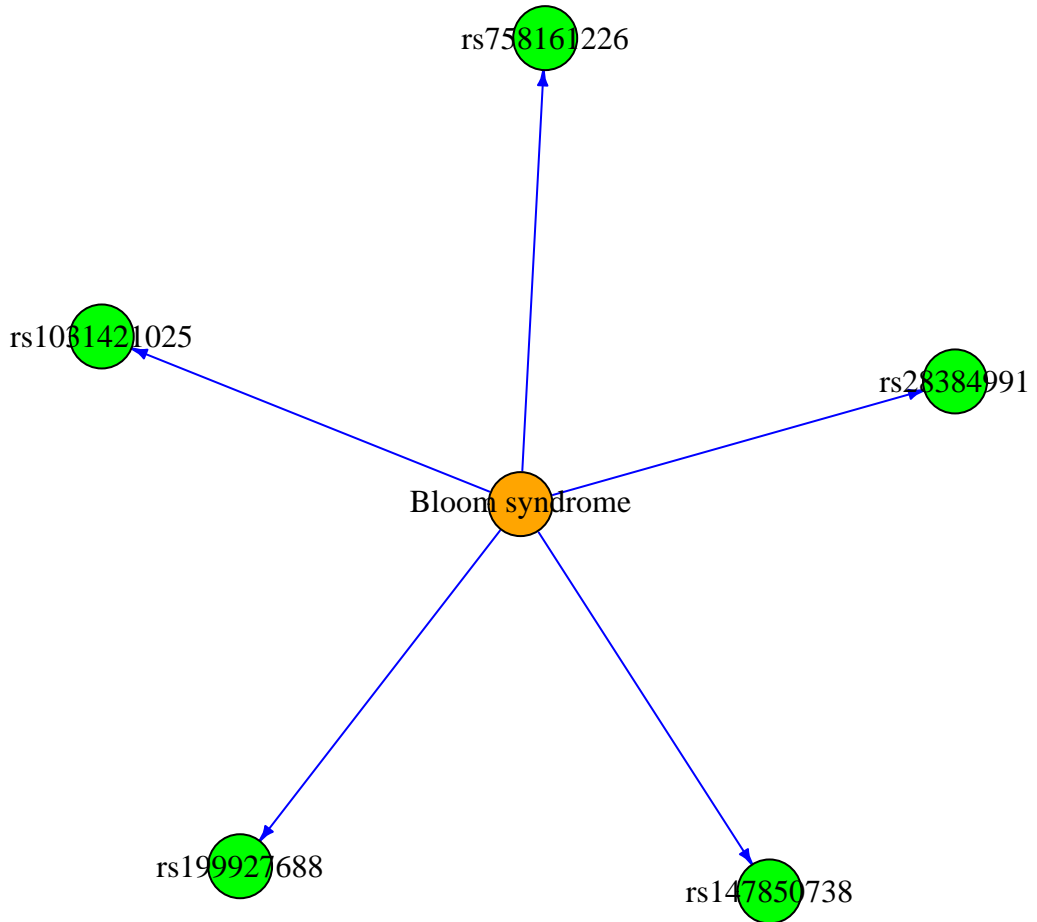




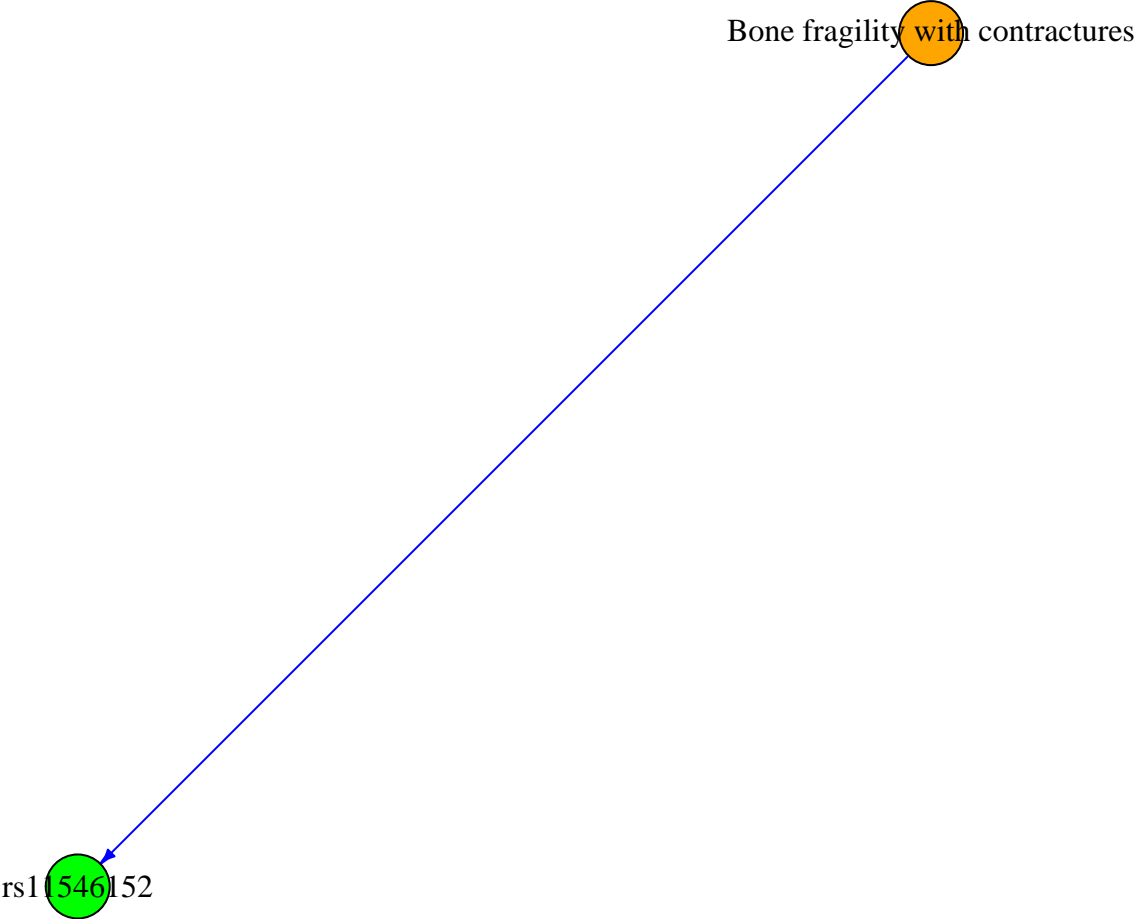
## Variant-Disease Network (Bladder cancer)



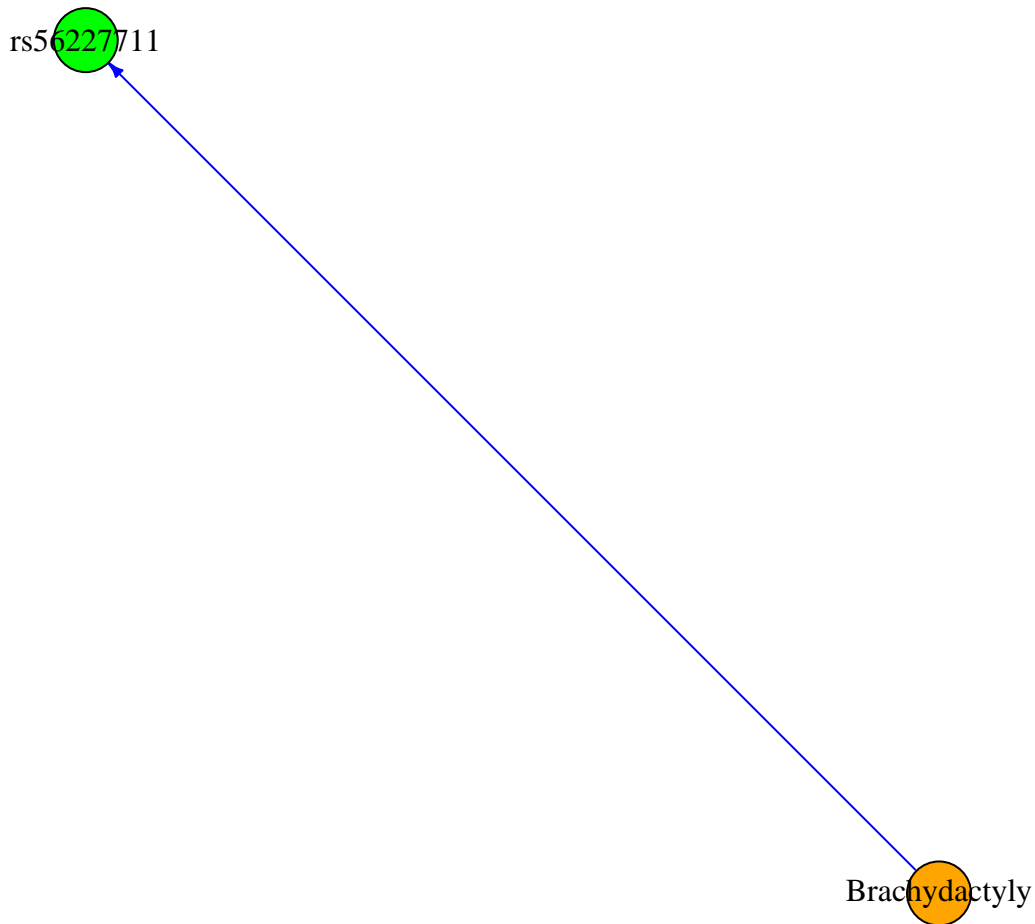
## Variant-Disease Network (Bloom syndrome)



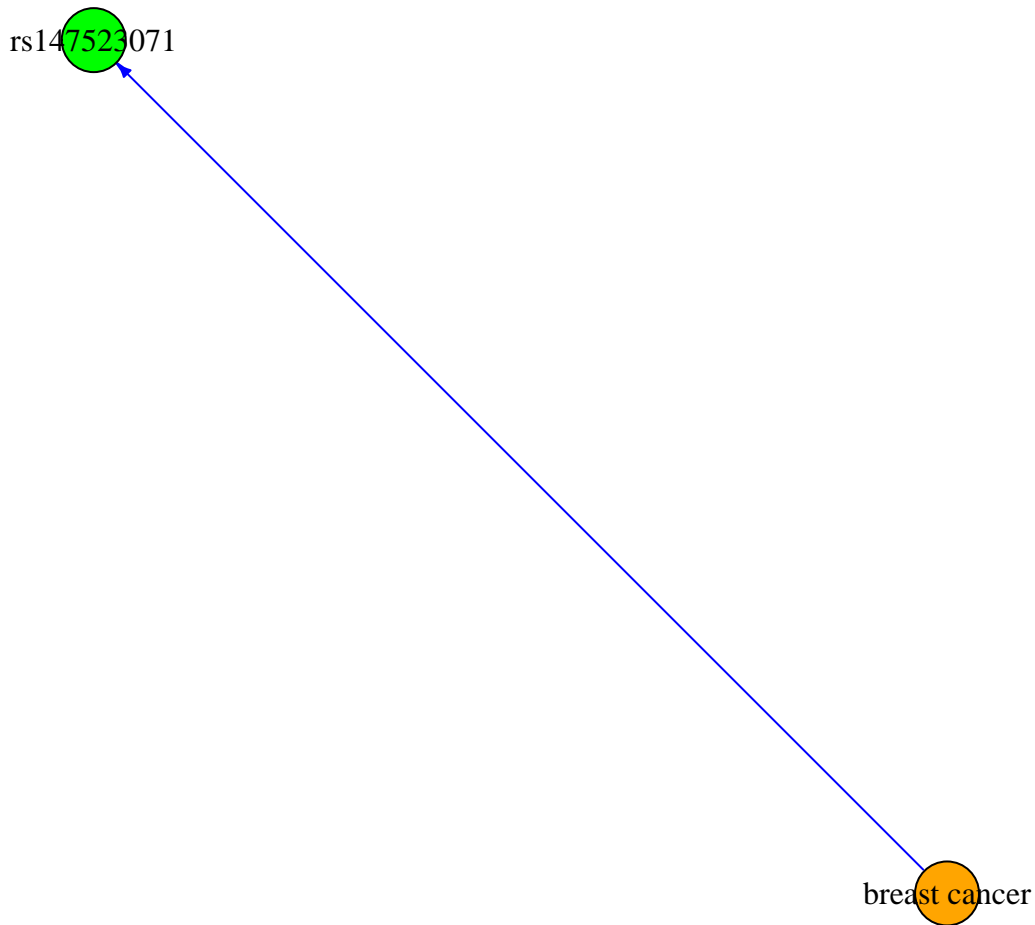
Variant–Disease Network (Bone fragility with contractures)



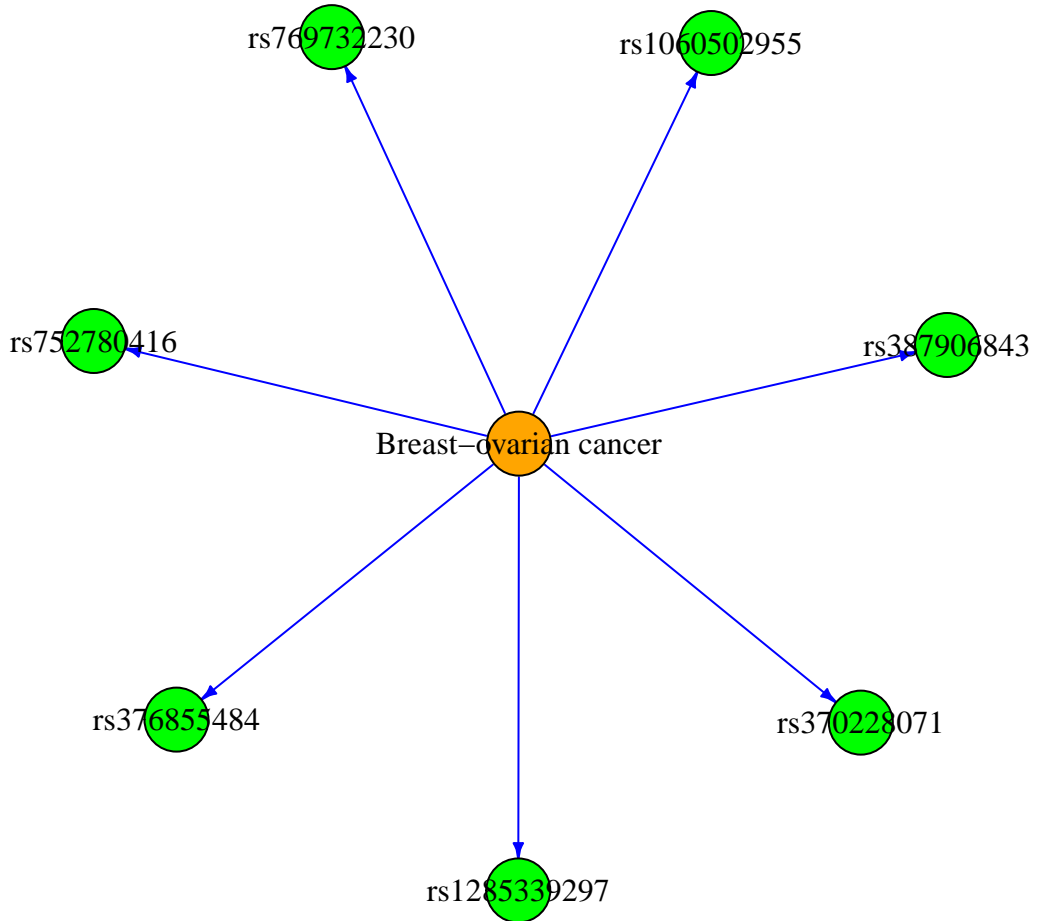
## Variant–Disease Network (Brachydactyly)



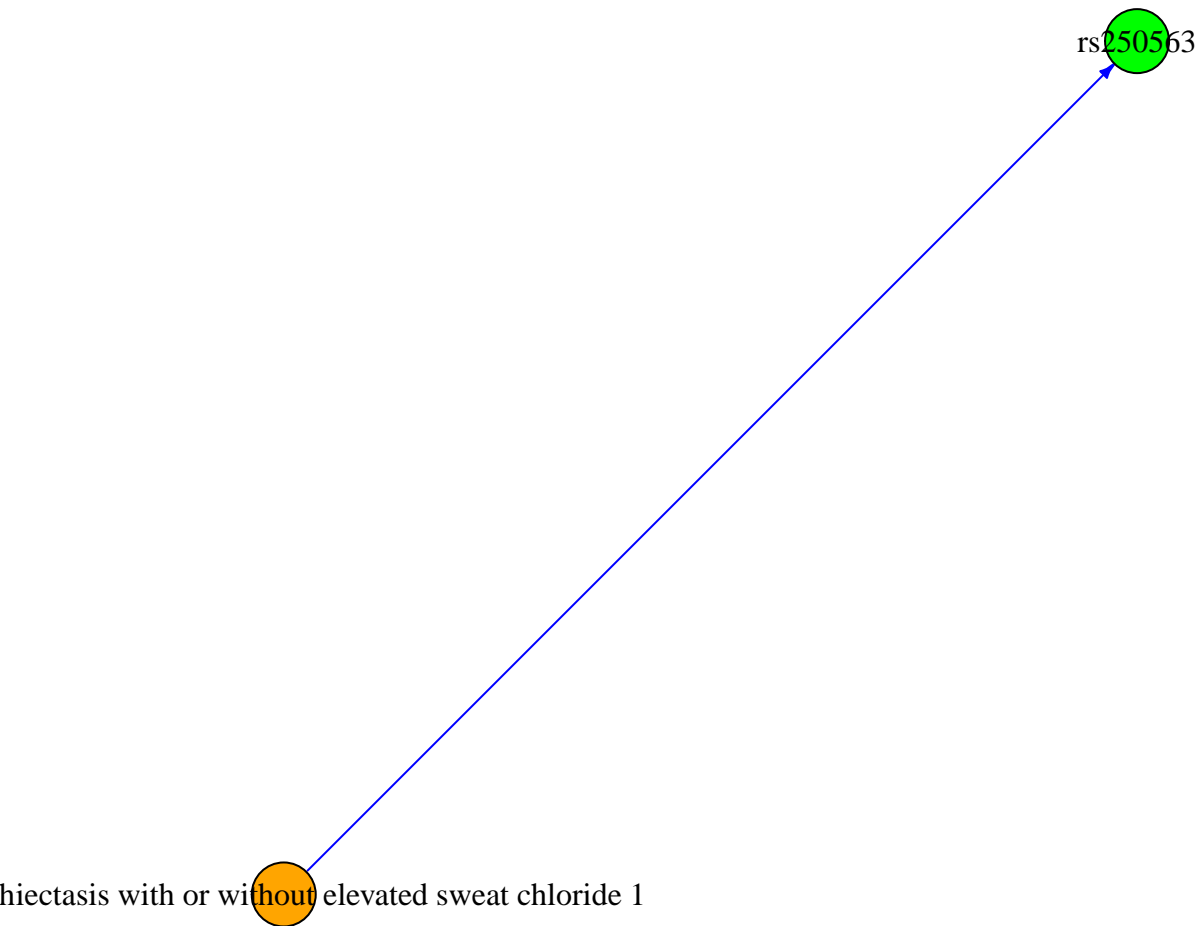
## Variant-Disease Network (breast cancer)



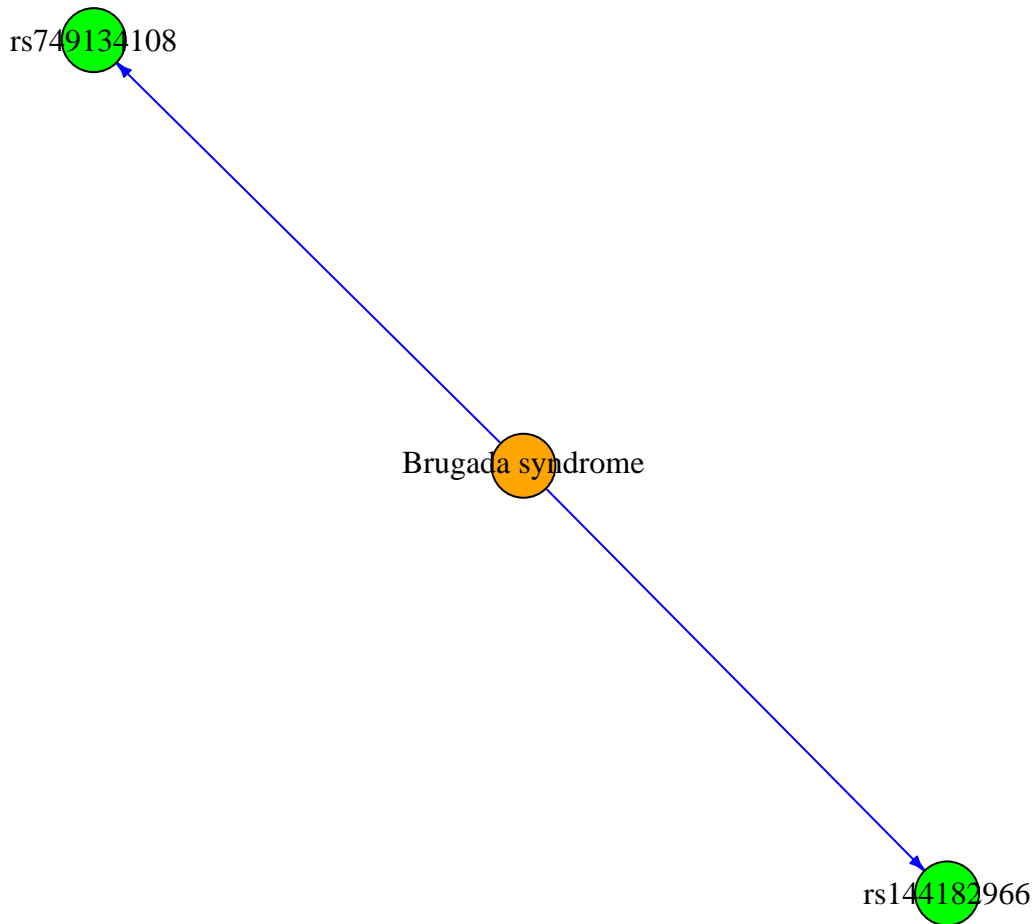
## Variant-Disease Network (Breast-ovarian cancer)



# Variant-Disease Network (Bronchiectasis with or without elevated sweat chloride)

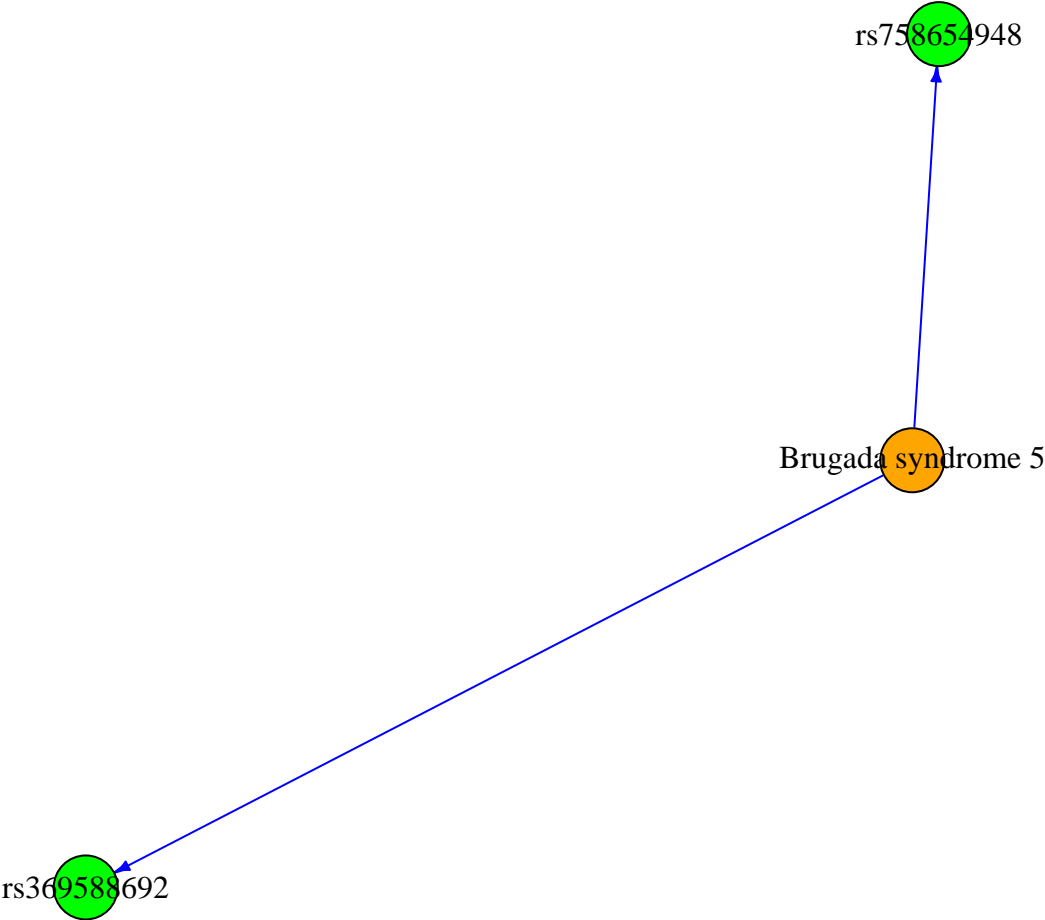


## Variant–Disease Network (Brugada syndrome)

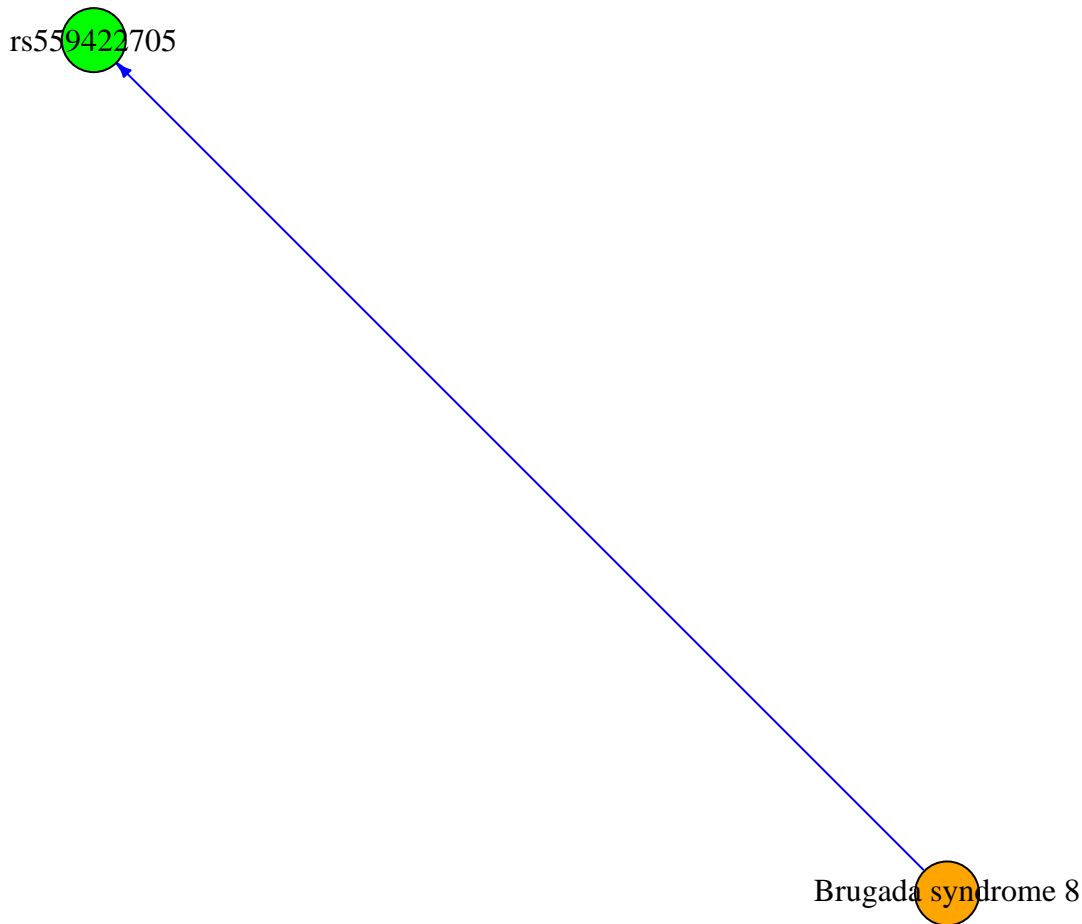




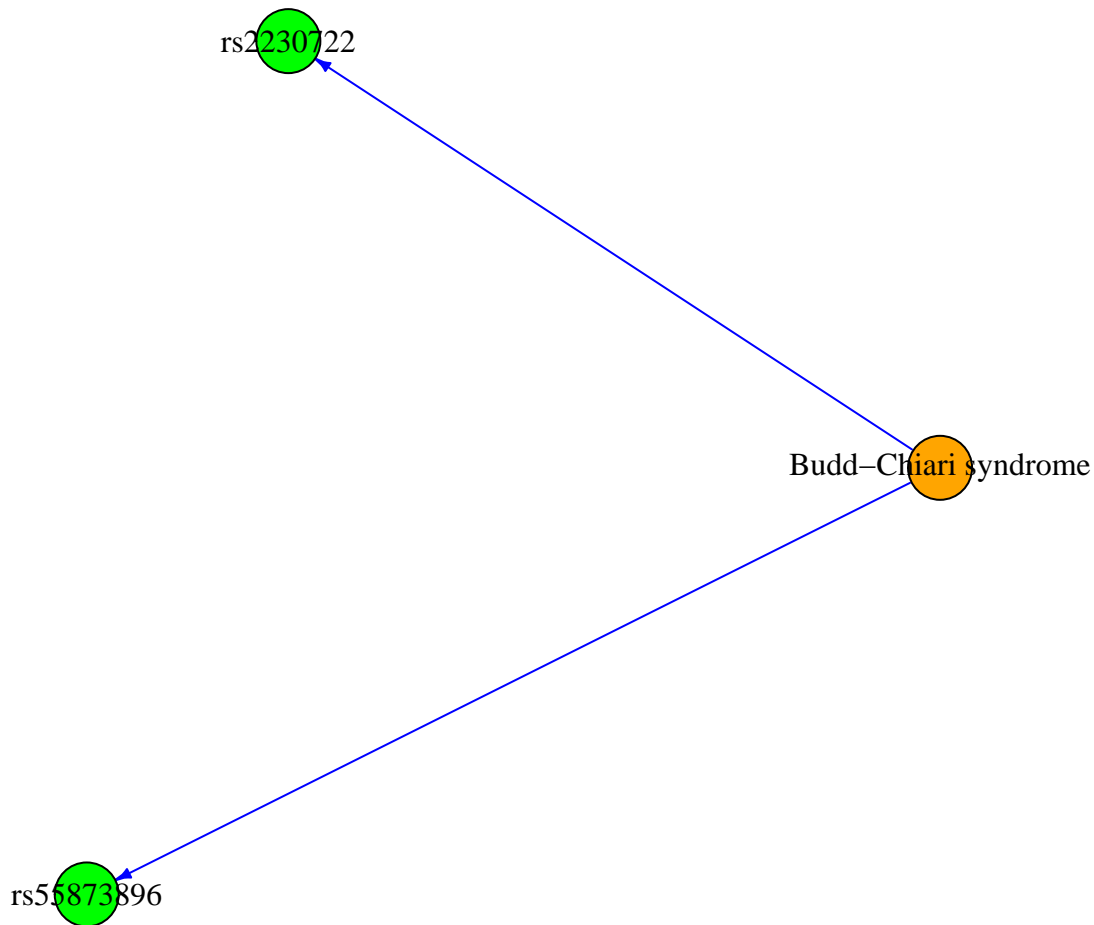
Variant–Disease Network (Brugada syndrome 5)



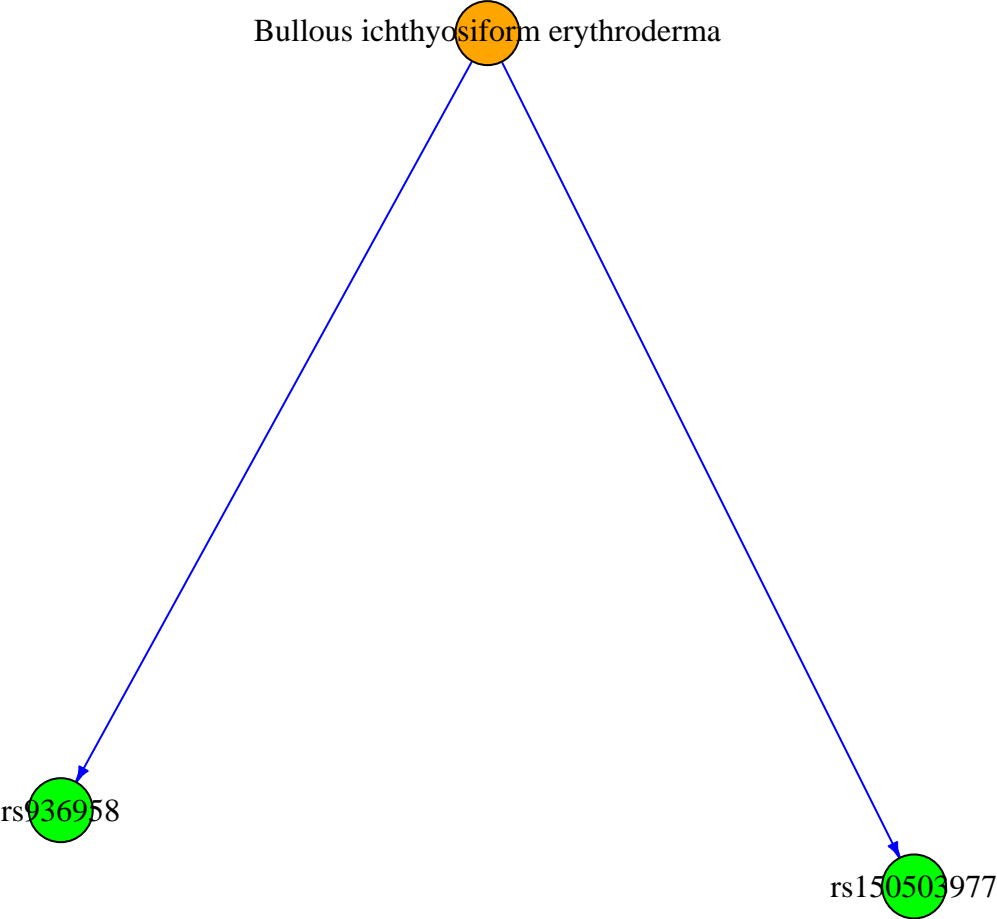
## Variant-Disease Network (Brugada syndrome 8)



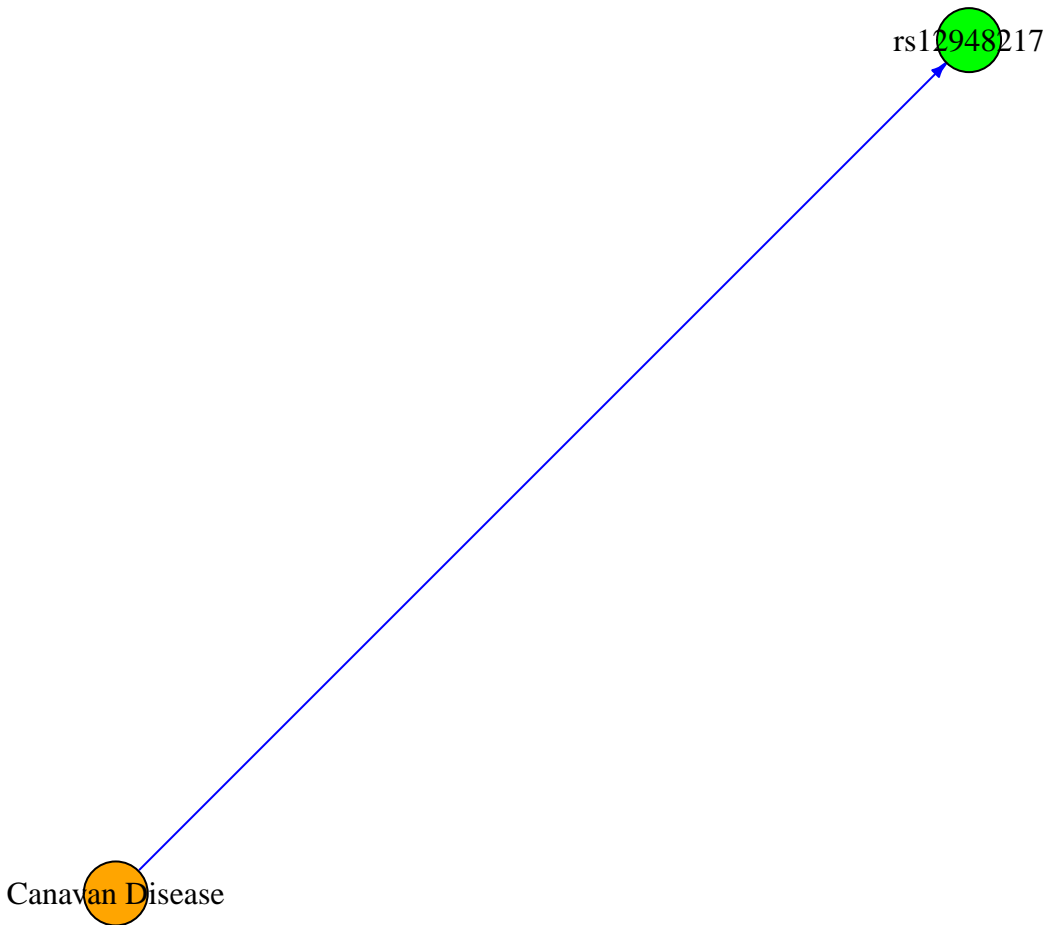
## Variant–Disease Network (Budd–Chiari syndrome)



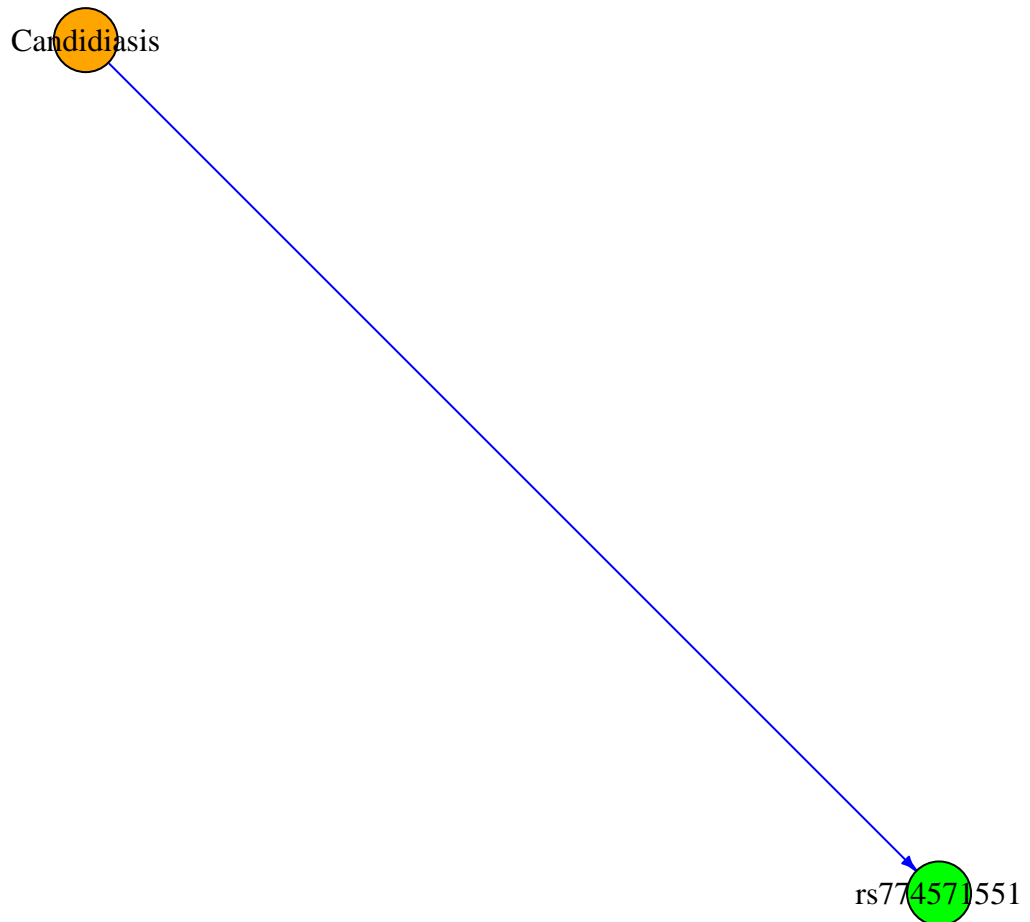
Variant–Disease Network (Bullous ichthyosiform erythroderma)



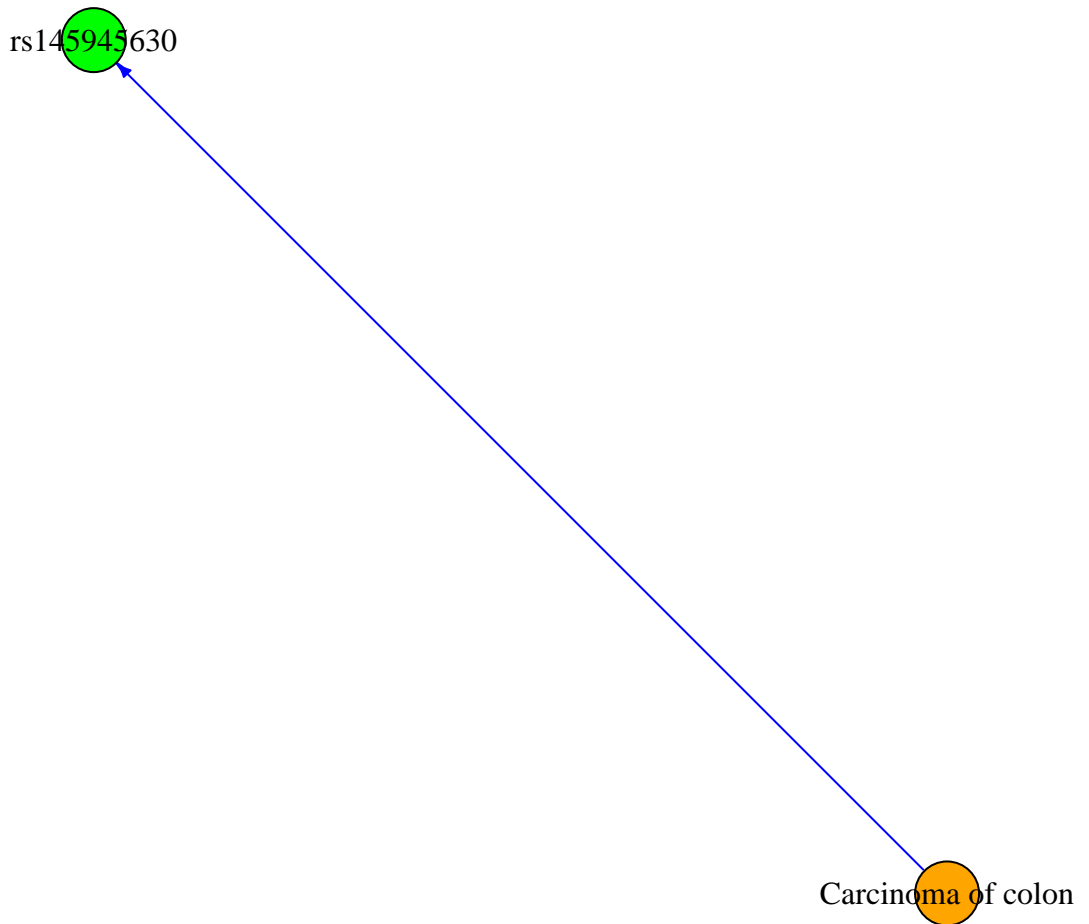
## Variant-Disease Network (Canavan Disease)



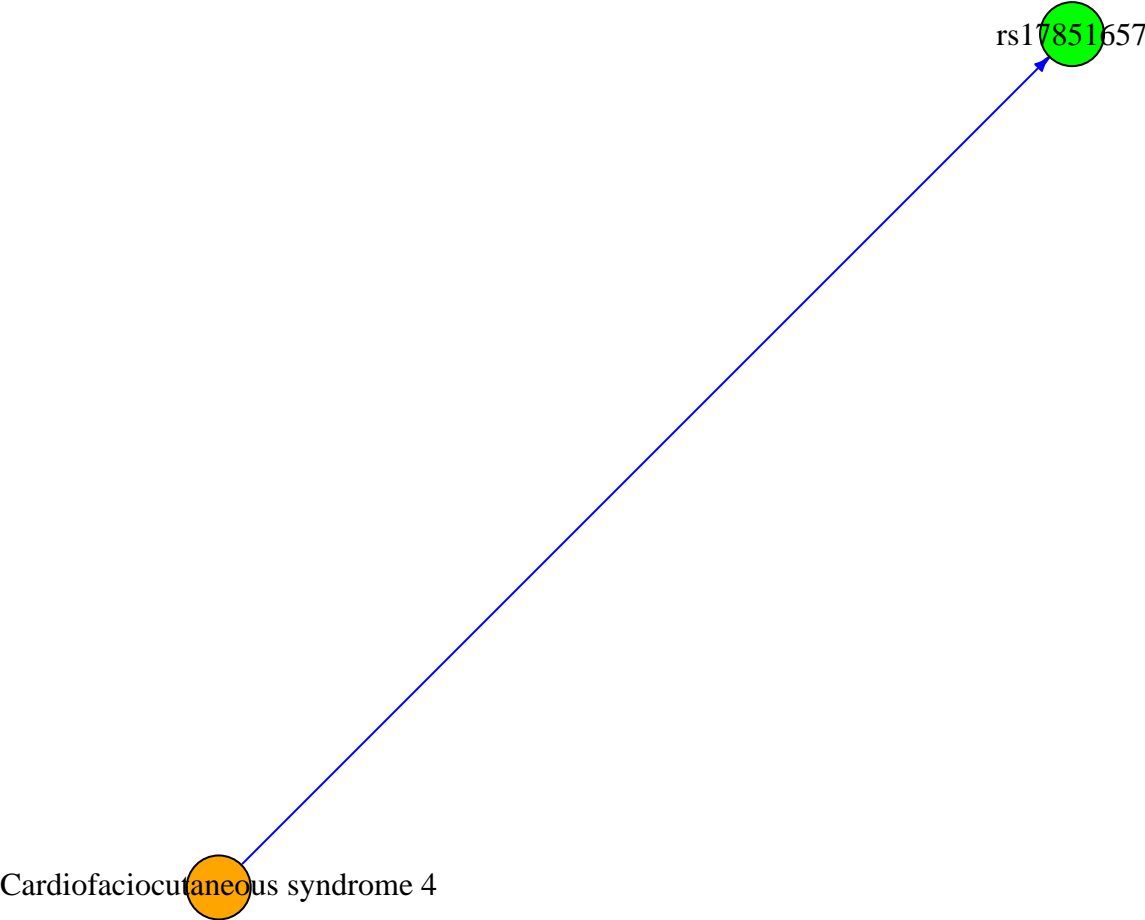
## Variant-Disease Network (Candidiasis)



## Variant–Disease Network (Carcinoma of colon)

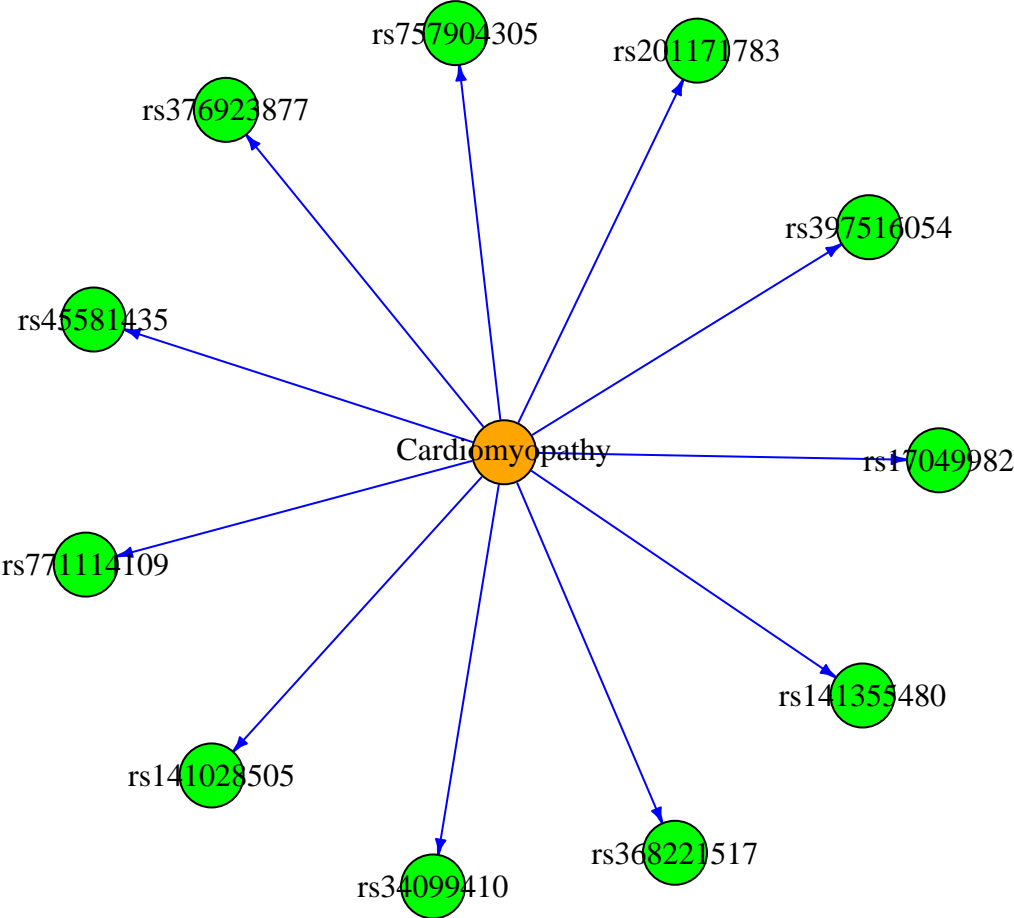


**Variant–Disease Network (Cardiofaciocutaneous syndrome 4)**

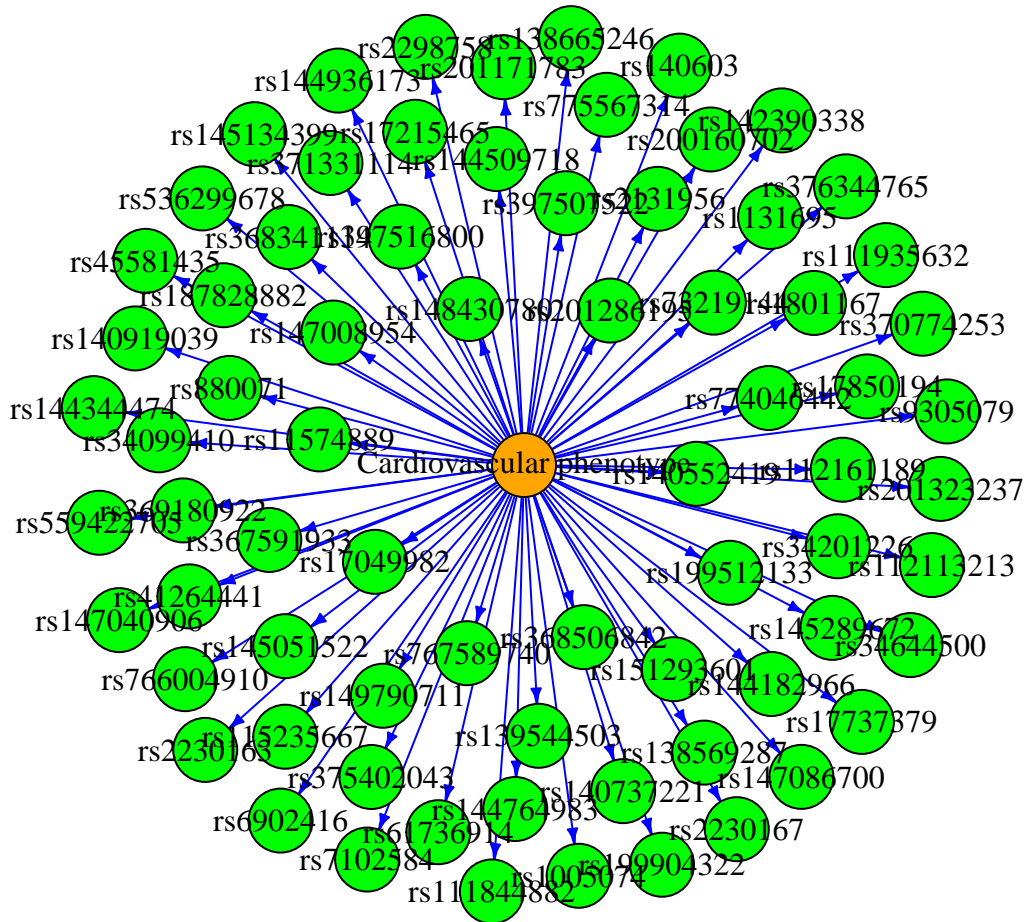




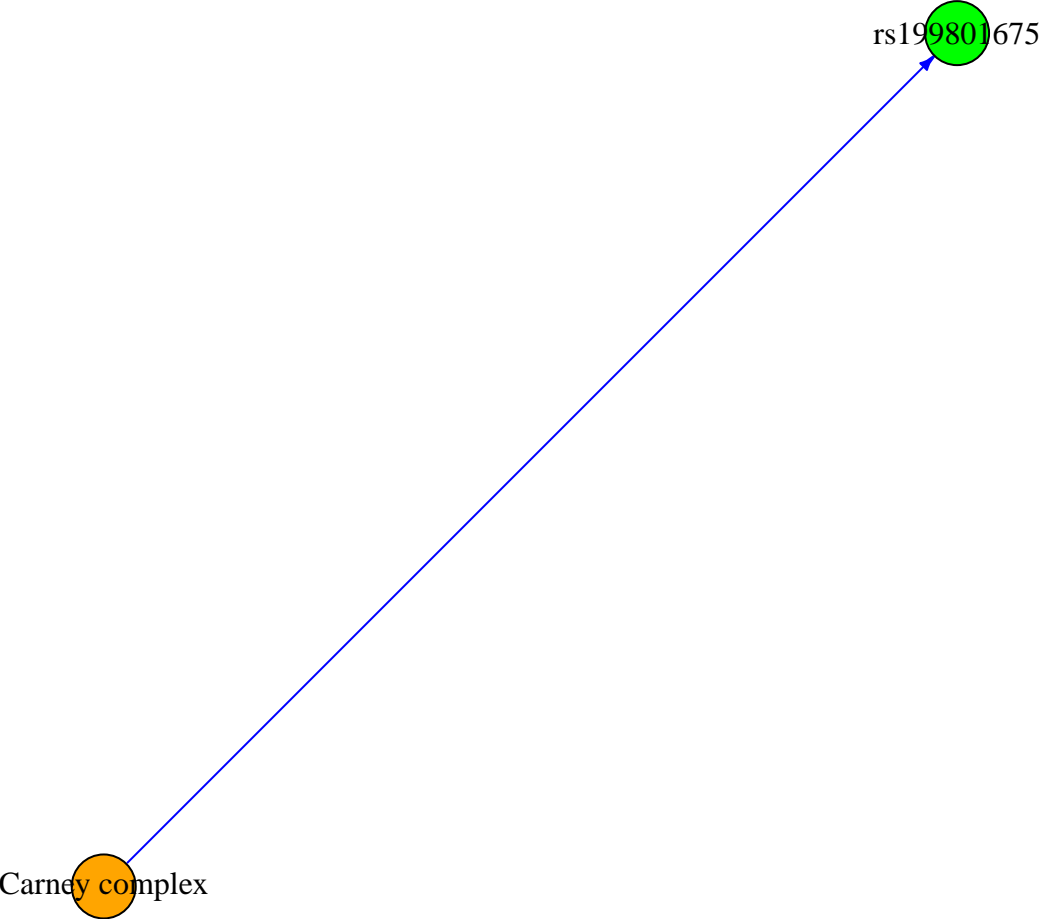
Variant–Disease Network (Cardiomyopathy)



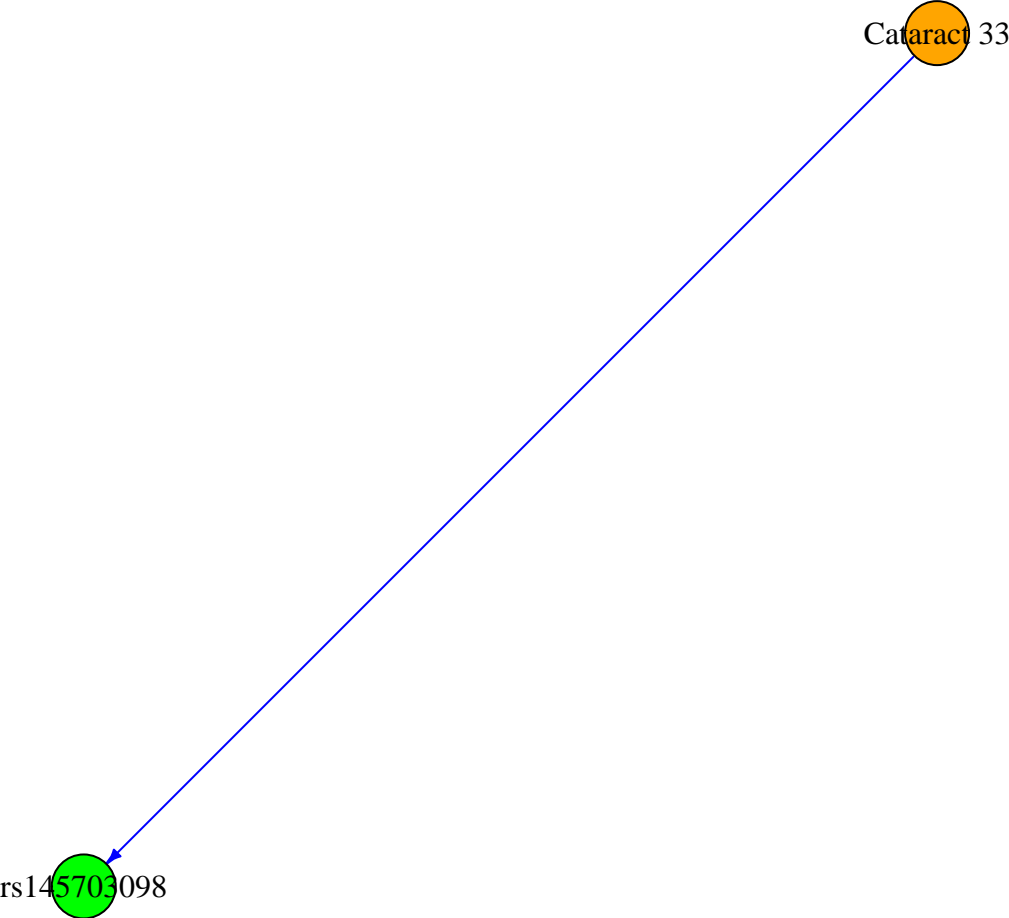
### Variant–Disease Network (Cardiovascular phenotype)



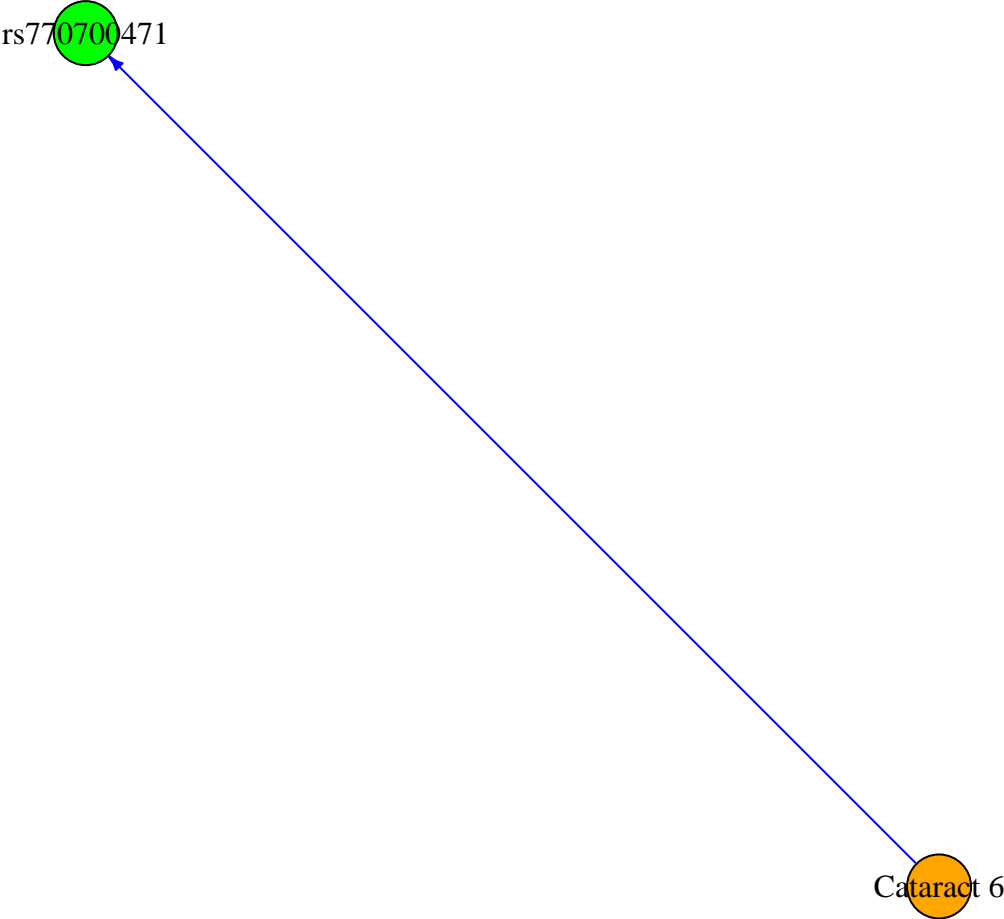
Variant–Disease Network (Carney complex)



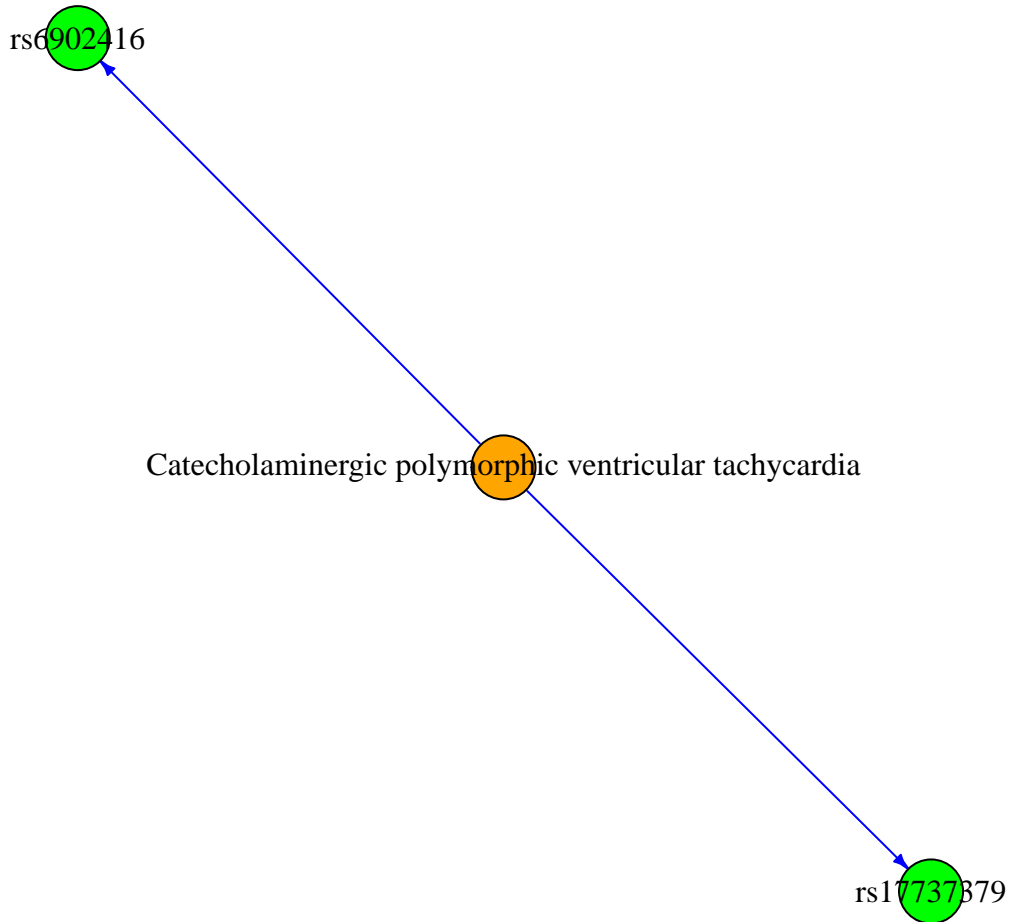
Variant–Disease Network (Cataract 33)



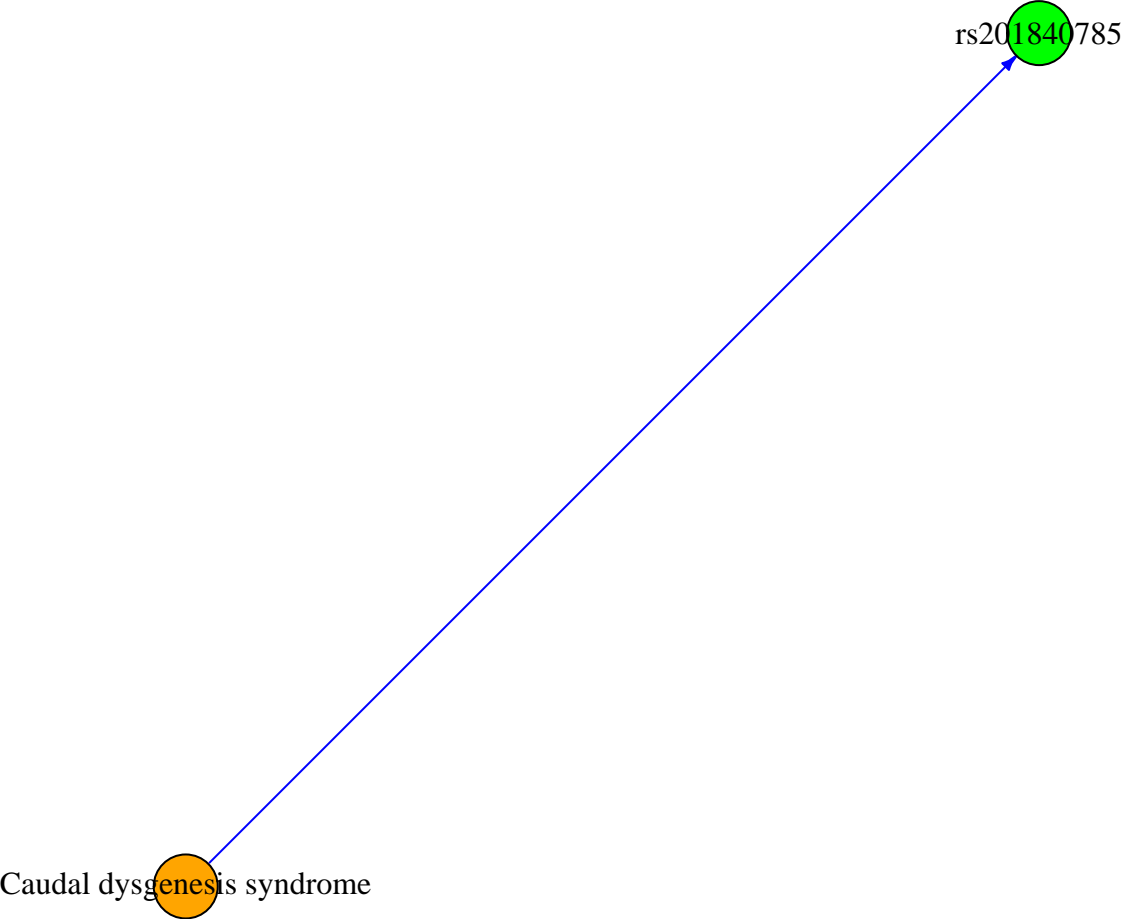
Variant–Disease Network (Cataract 6)



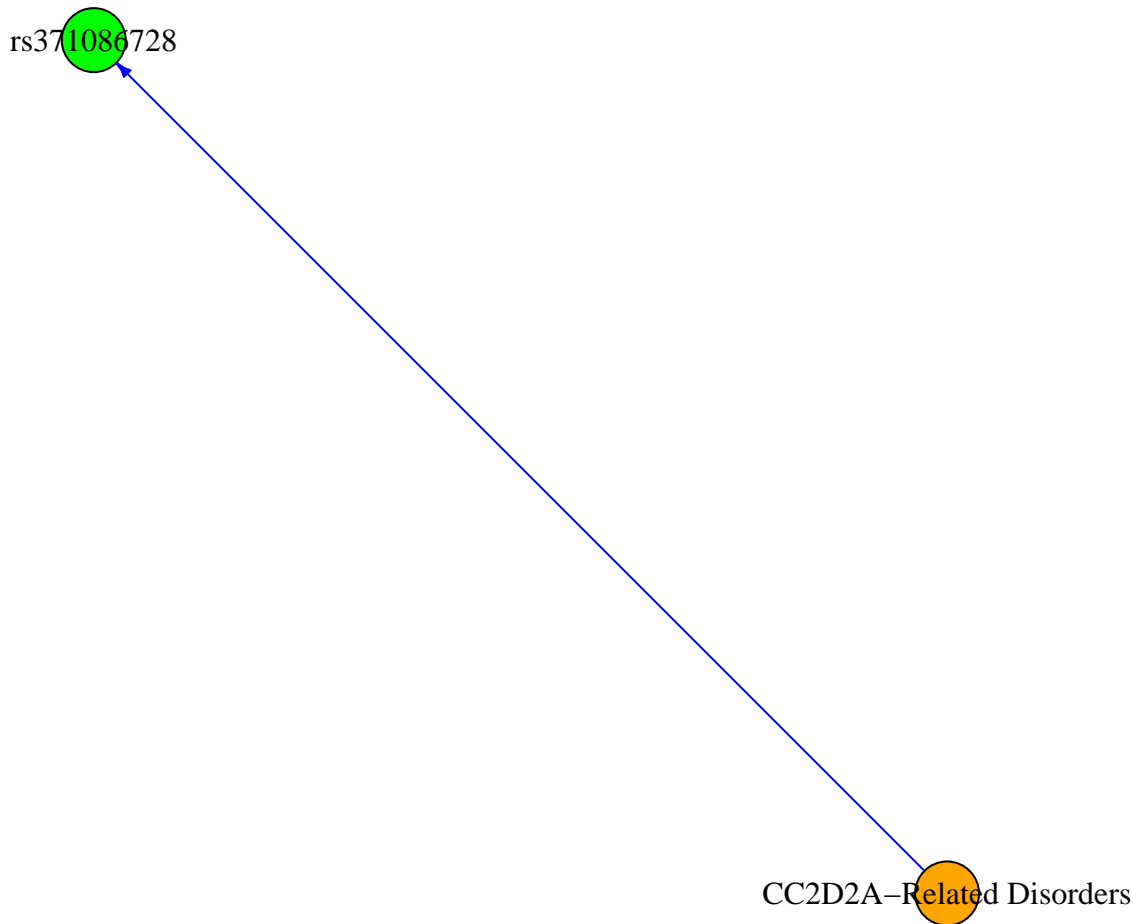
# Variant-Disease Network (Catecholaminergic polymorphic ventricular tachycardia)



**Variant–Disease Network (Caudal dysgenesis syndrome)**

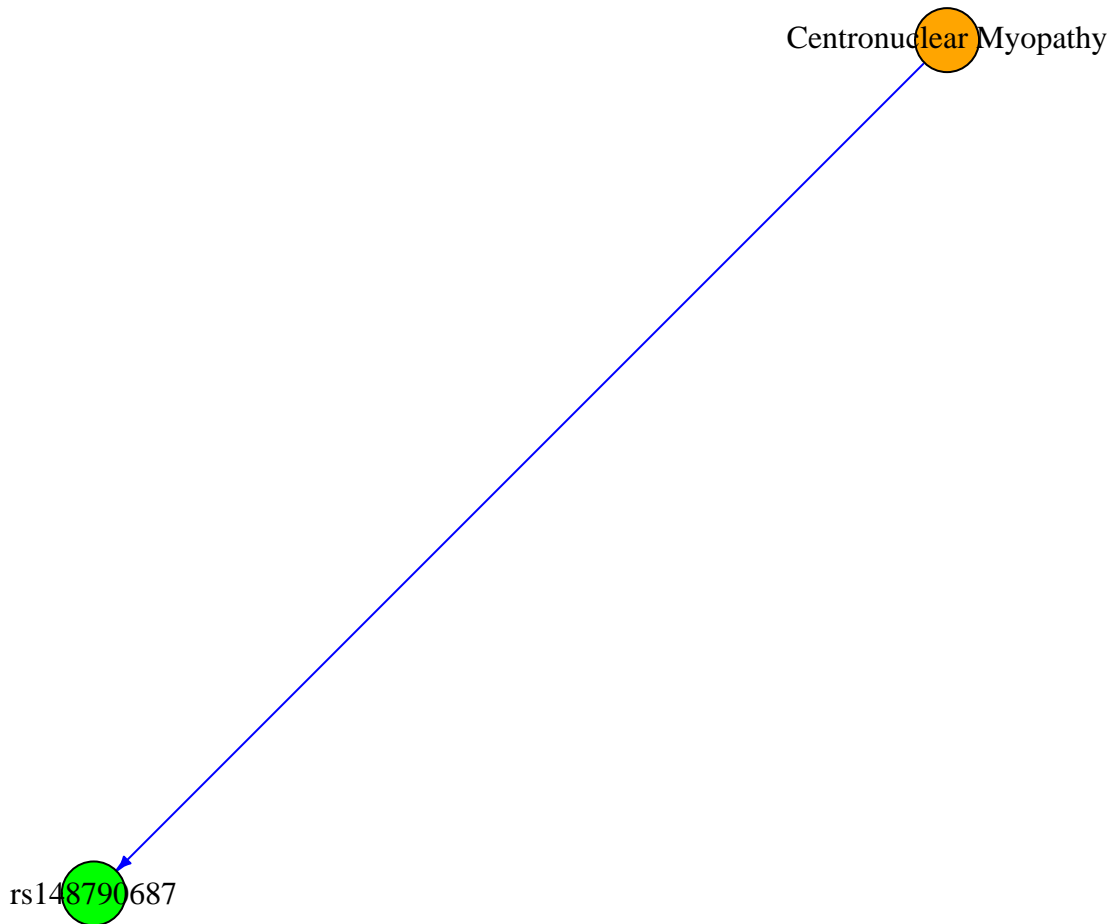


# Variant–Disease Network (CC2D2A–Related Disorders)

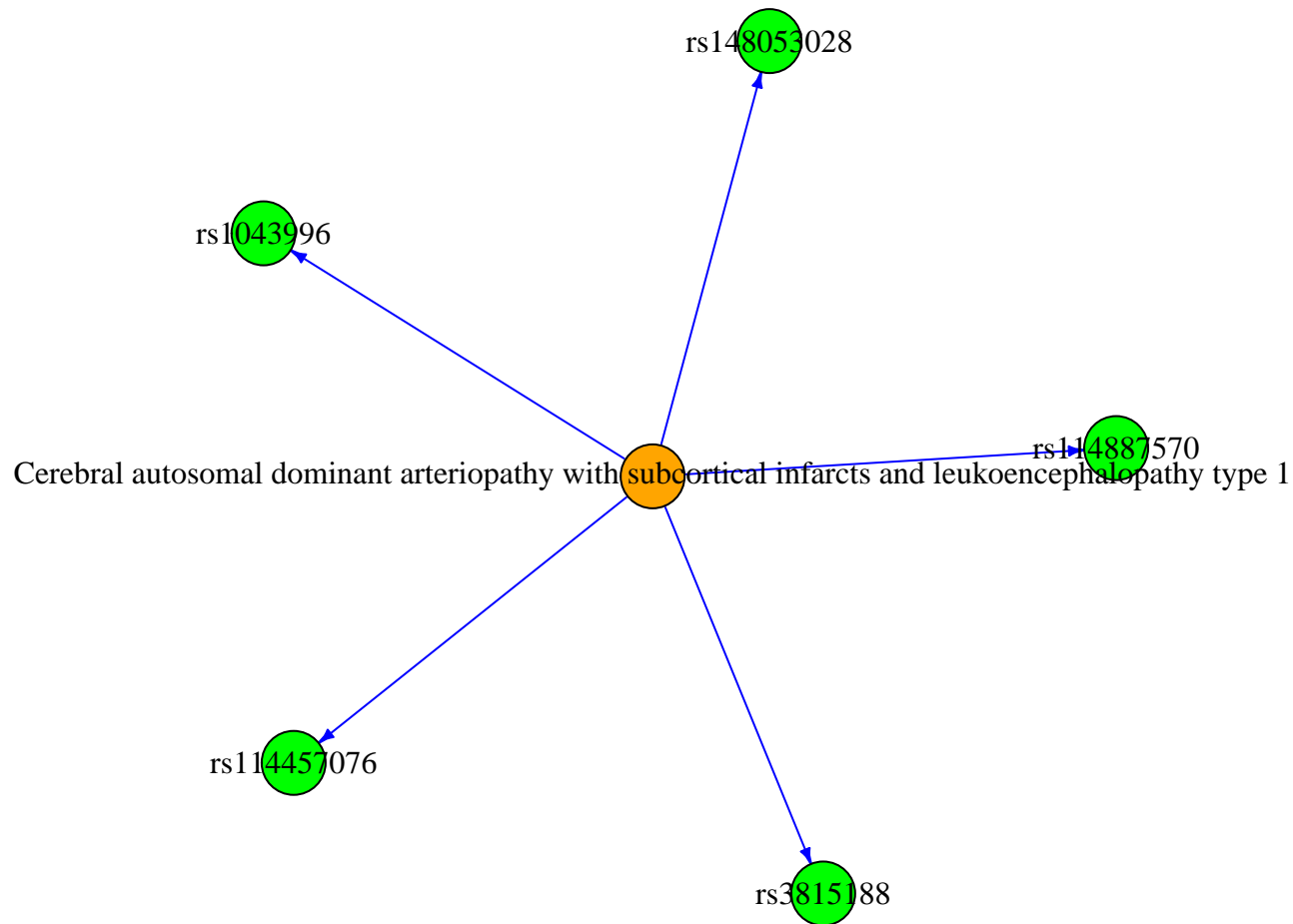




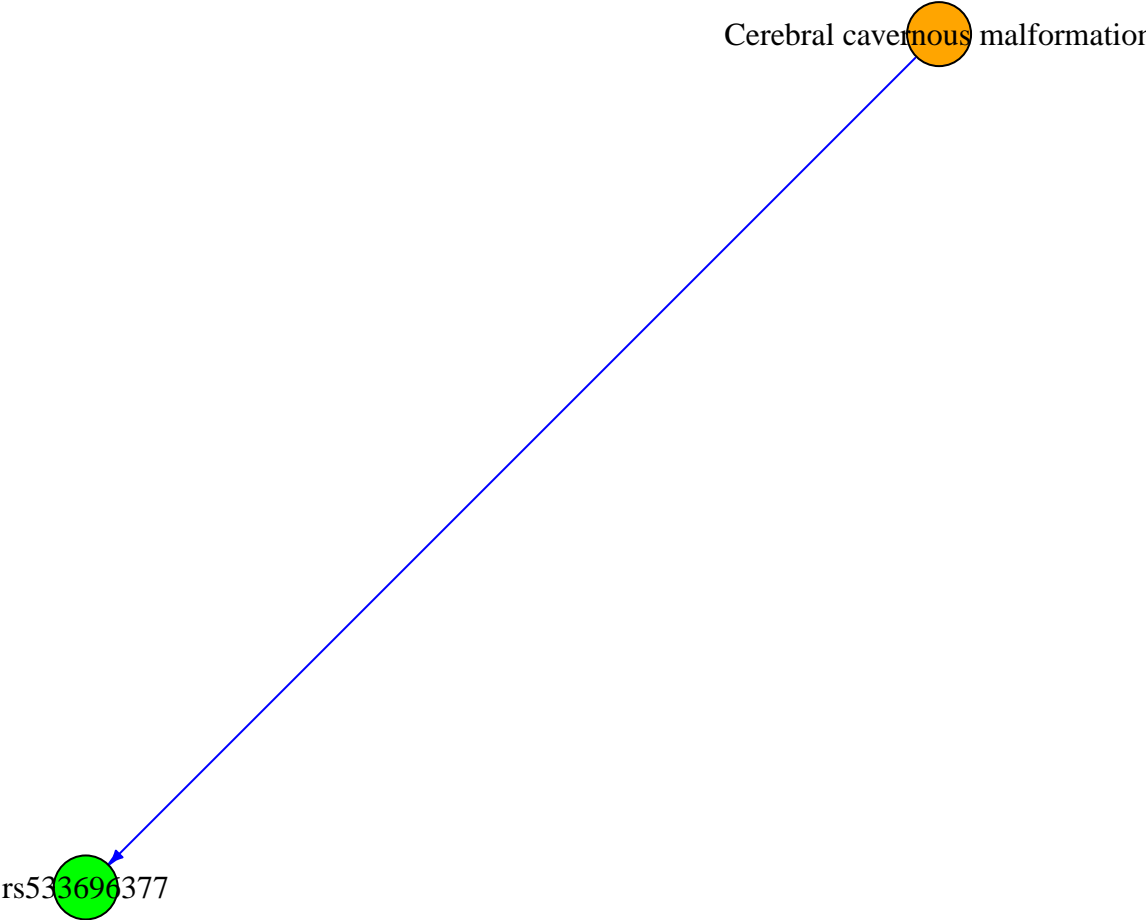
## Variant-Disease Network (Centronuclear Myopathy)



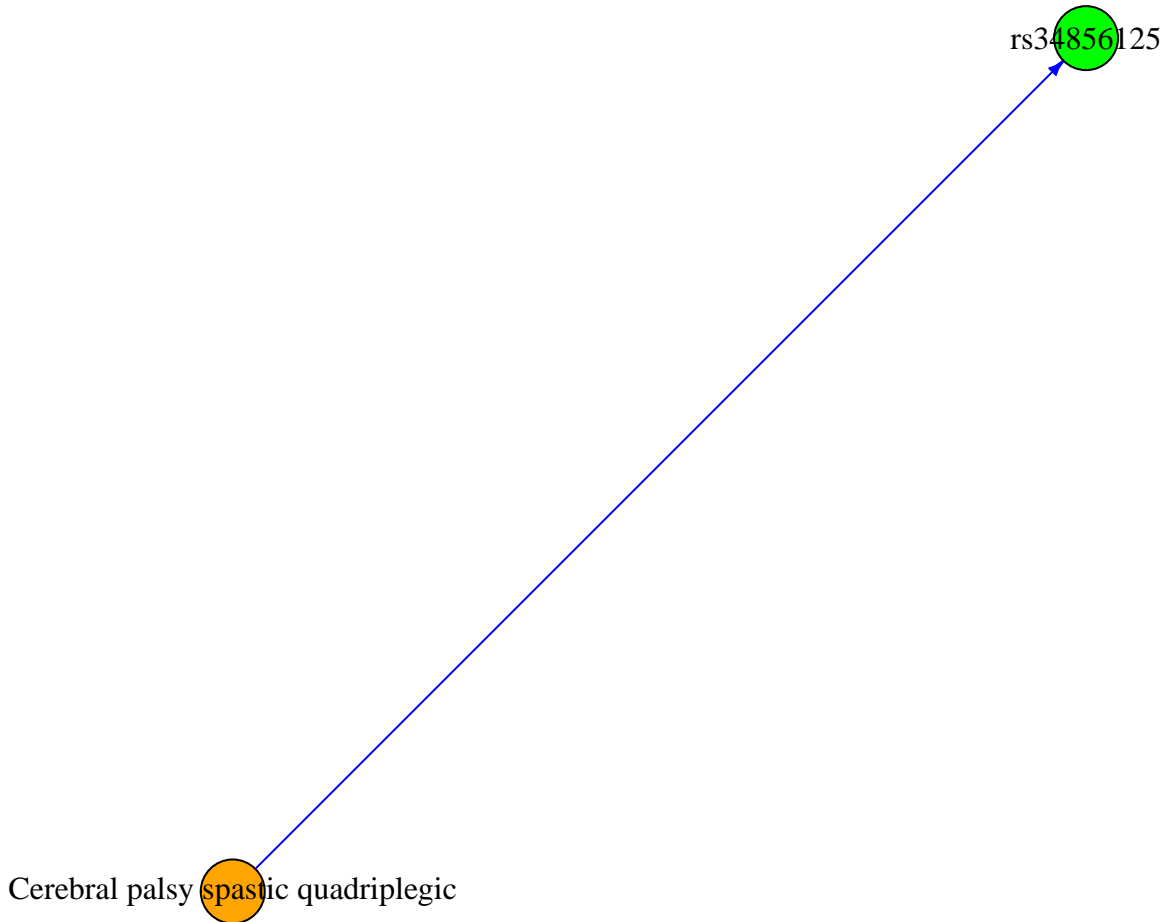
# rs148053028 (Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy type 1)



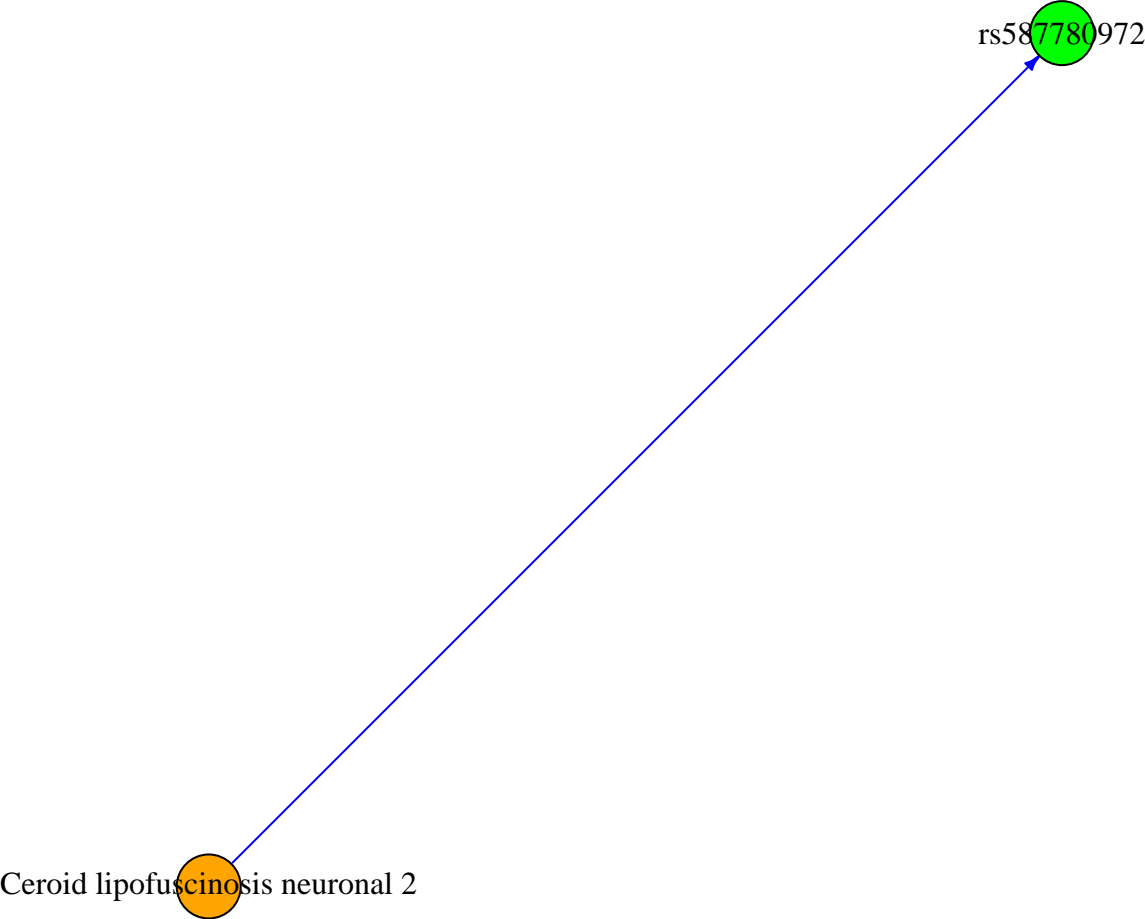
Variant–Disease Network (Cerebral cavernous malformation)



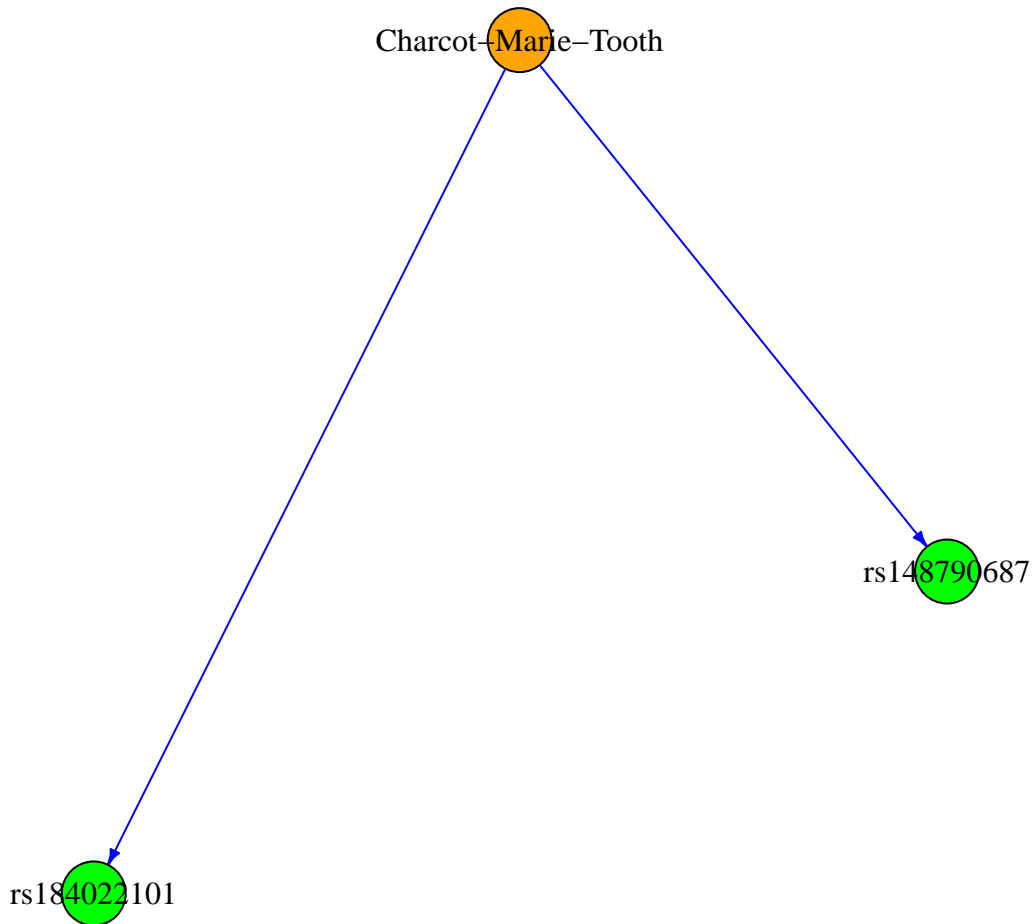
# Variant–Disease Network (Cerebral palsy spastic quadriplegic)



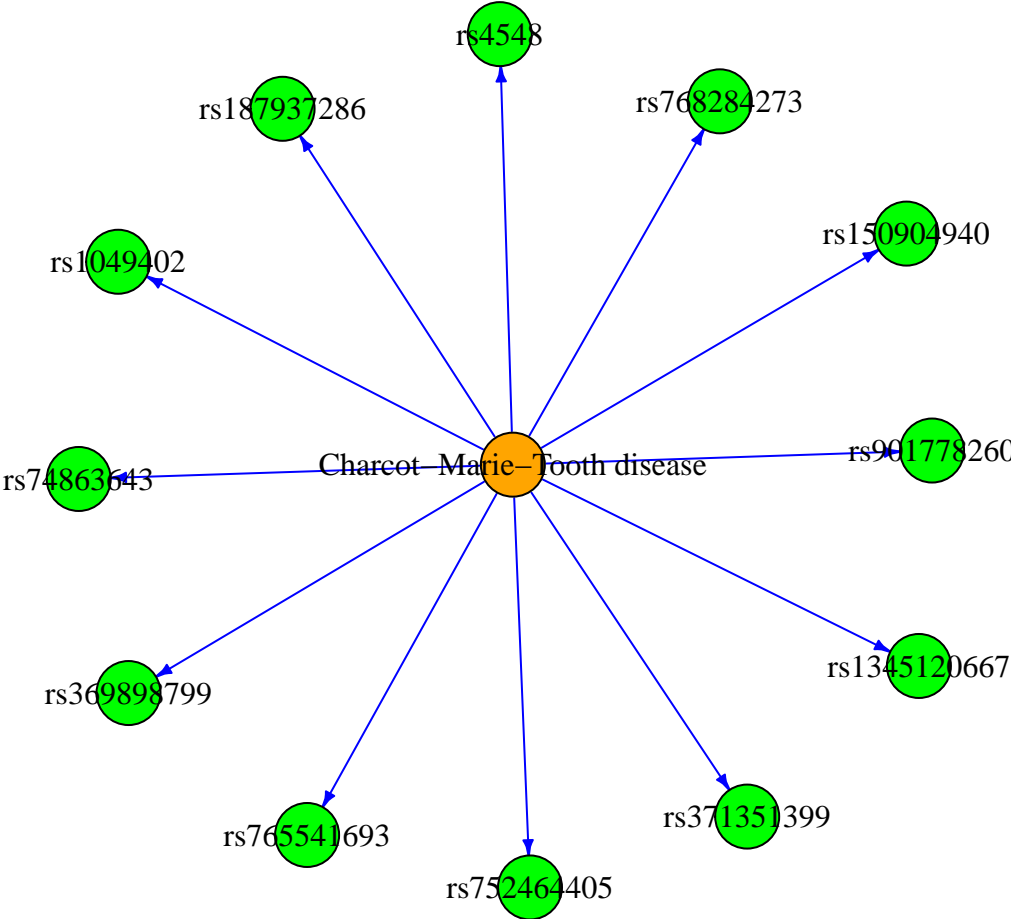
Variant–Disease Network (Ceroid lipofuscinosis neuronal 2)



## Variant–Disease Network (Charcot–Marie–Tooth)



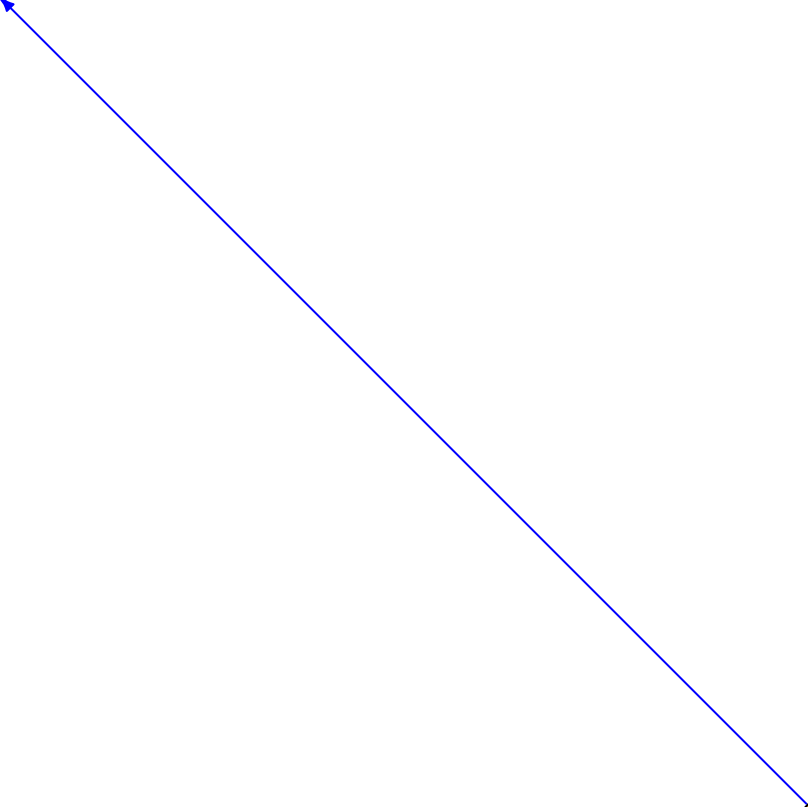
Variant–Disease Network (Charcot–Marie–Tooth disease)



## Variant–Disease Network (Charcot–Marie–Tooth disease type 2D)

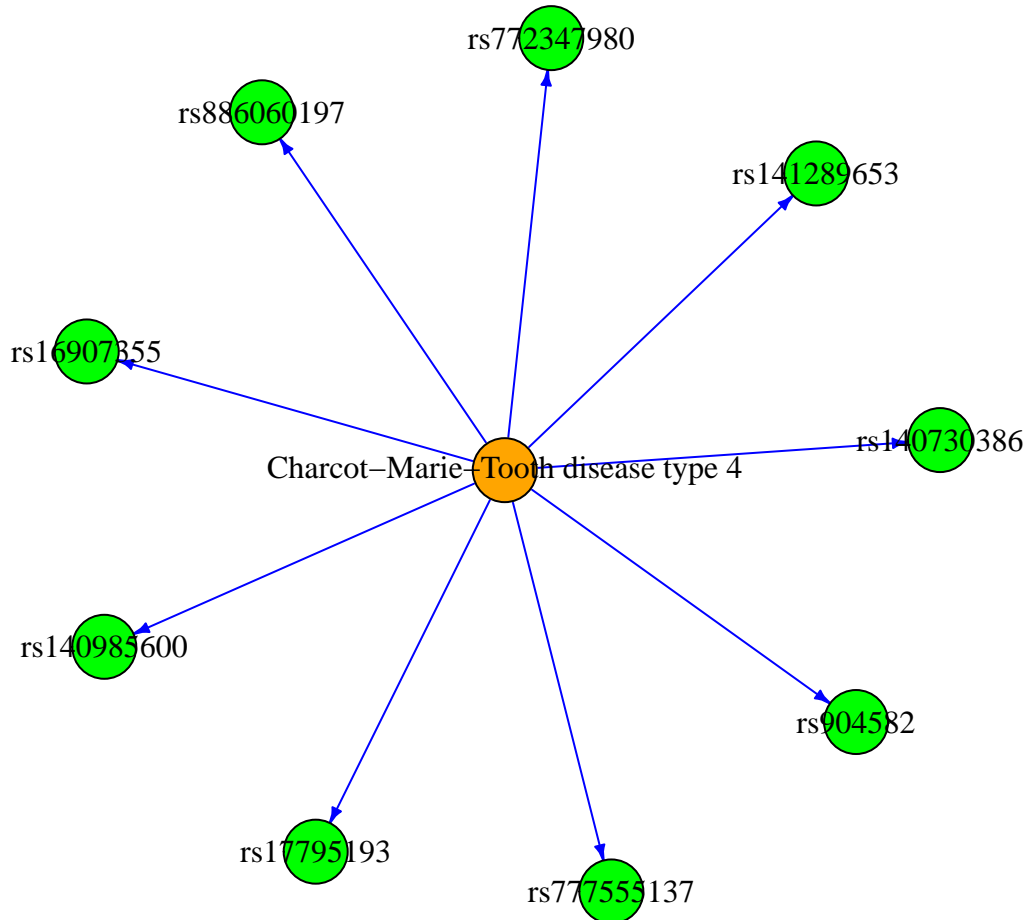
rs1049402

Charcot–Marie–Tooth disease type

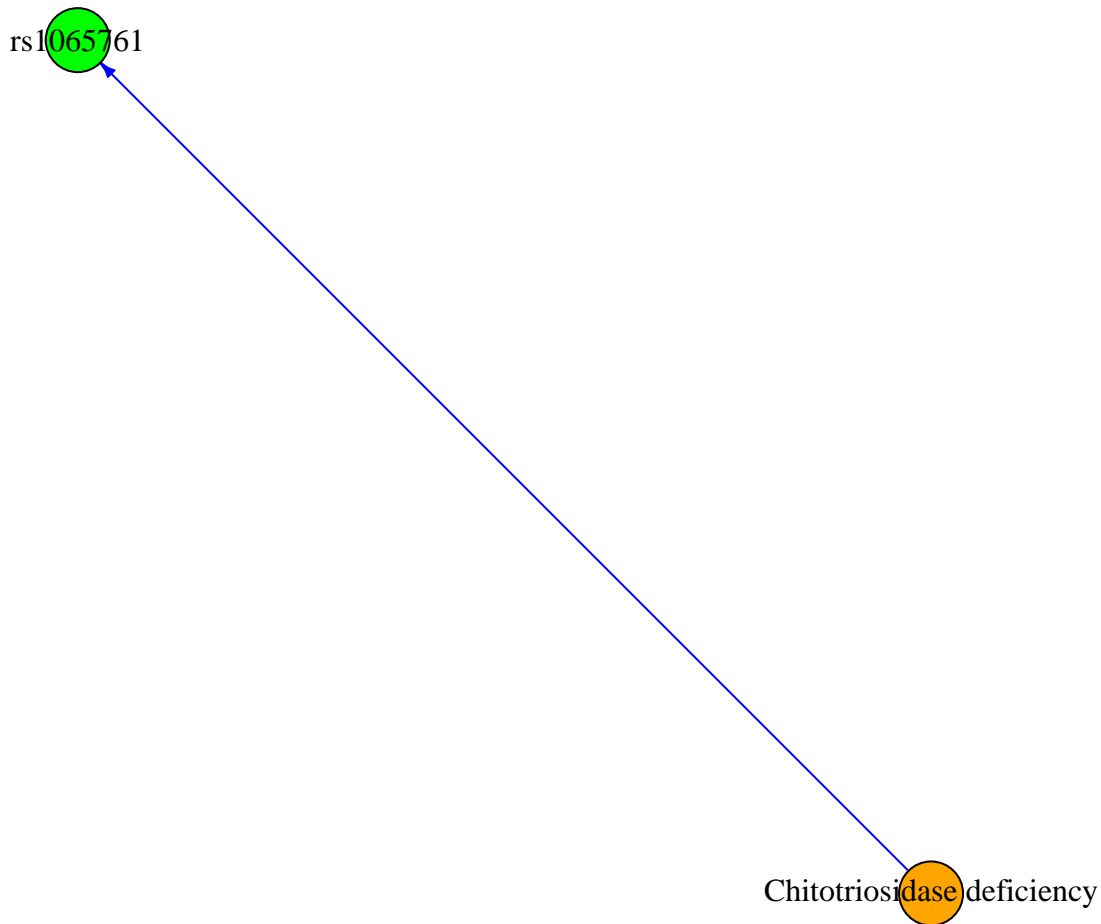




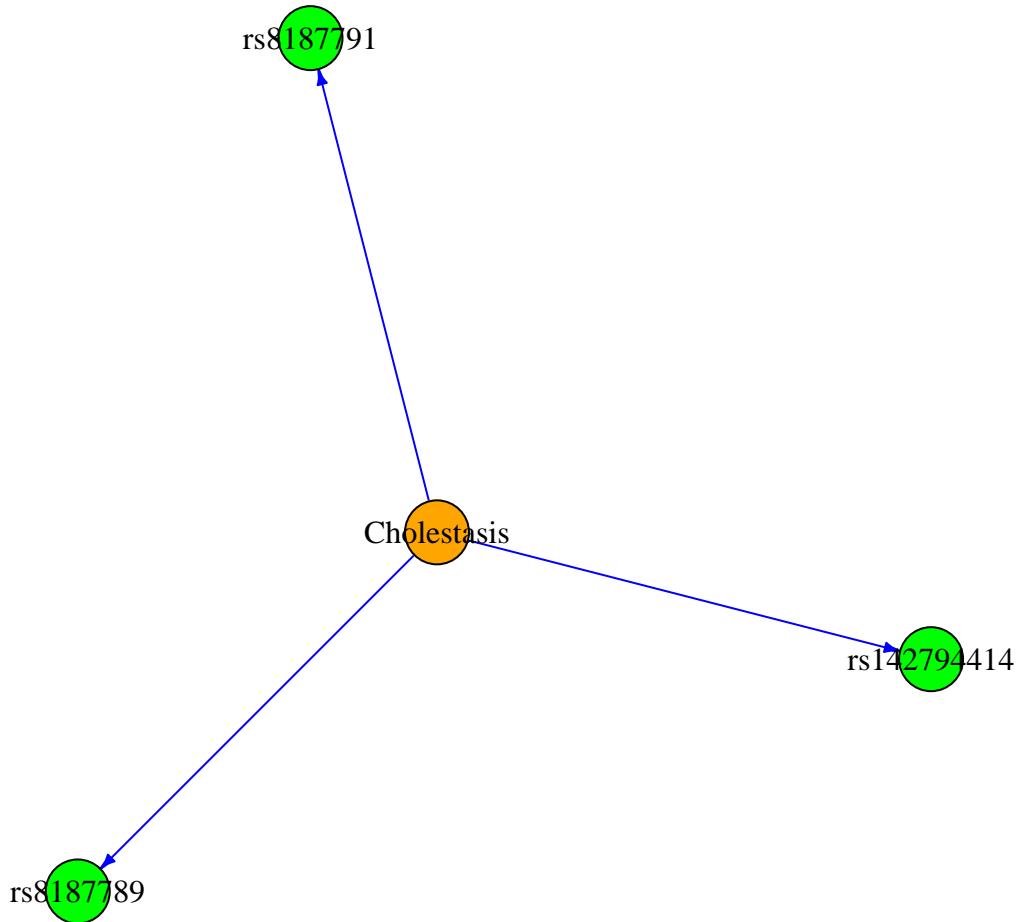
# Variant–Disease Network (Charcot–Marie–Tooth disease type 4)



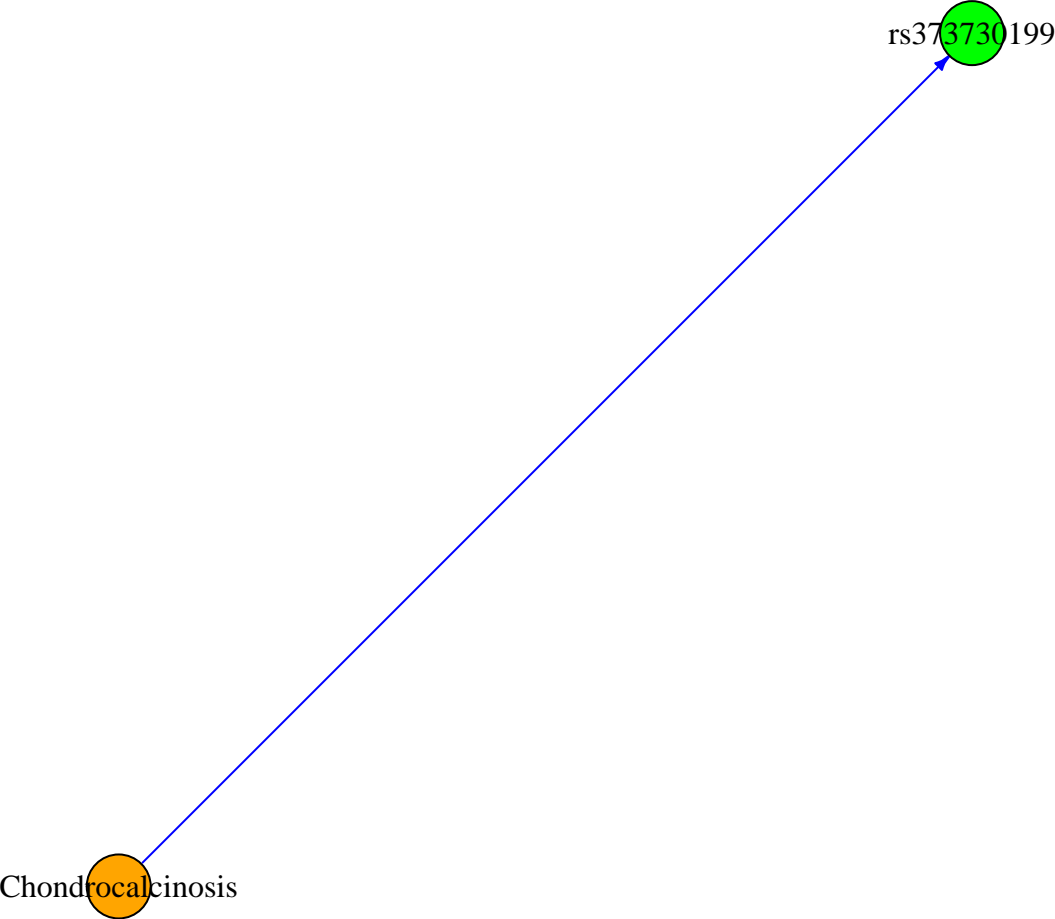
## Variant-Disease Network (Chitotriosidase deficiency)



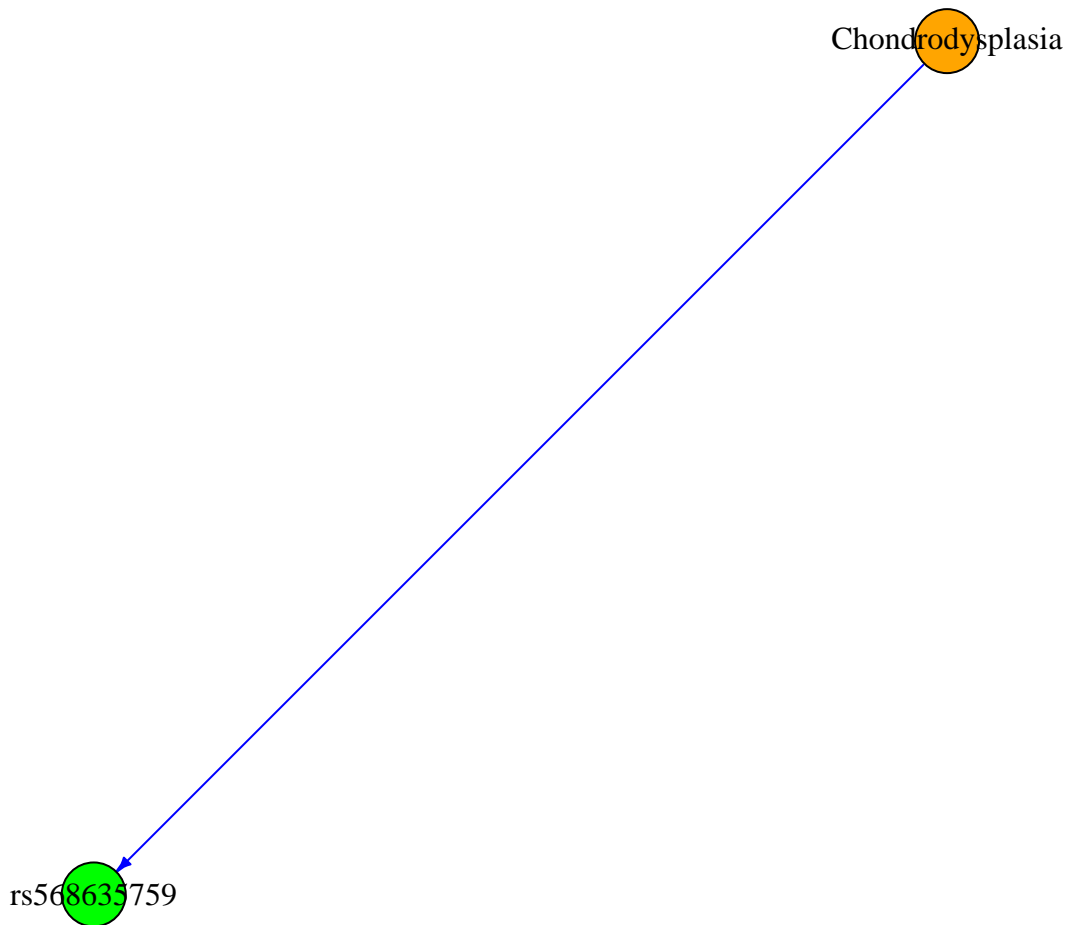
## Variant-Disease Network (Cholestasis)



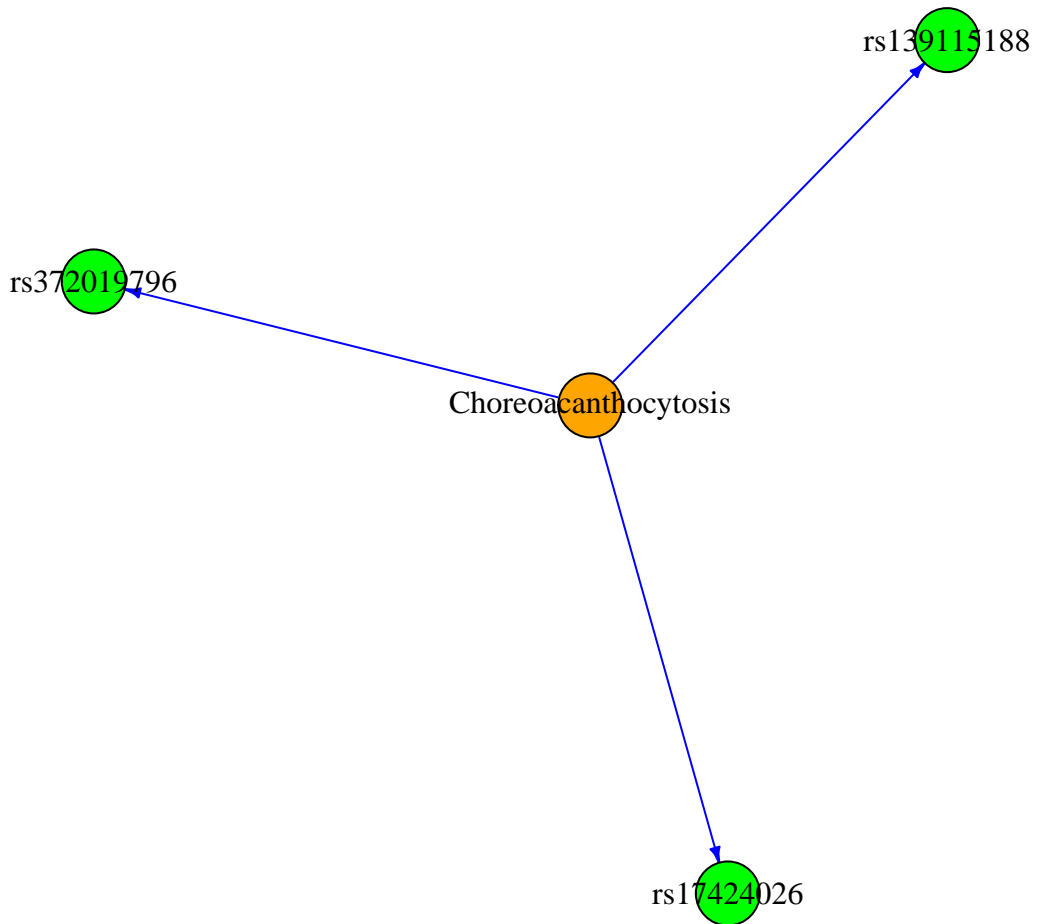
Variant–Disease Network (Chondrocalcinosis)



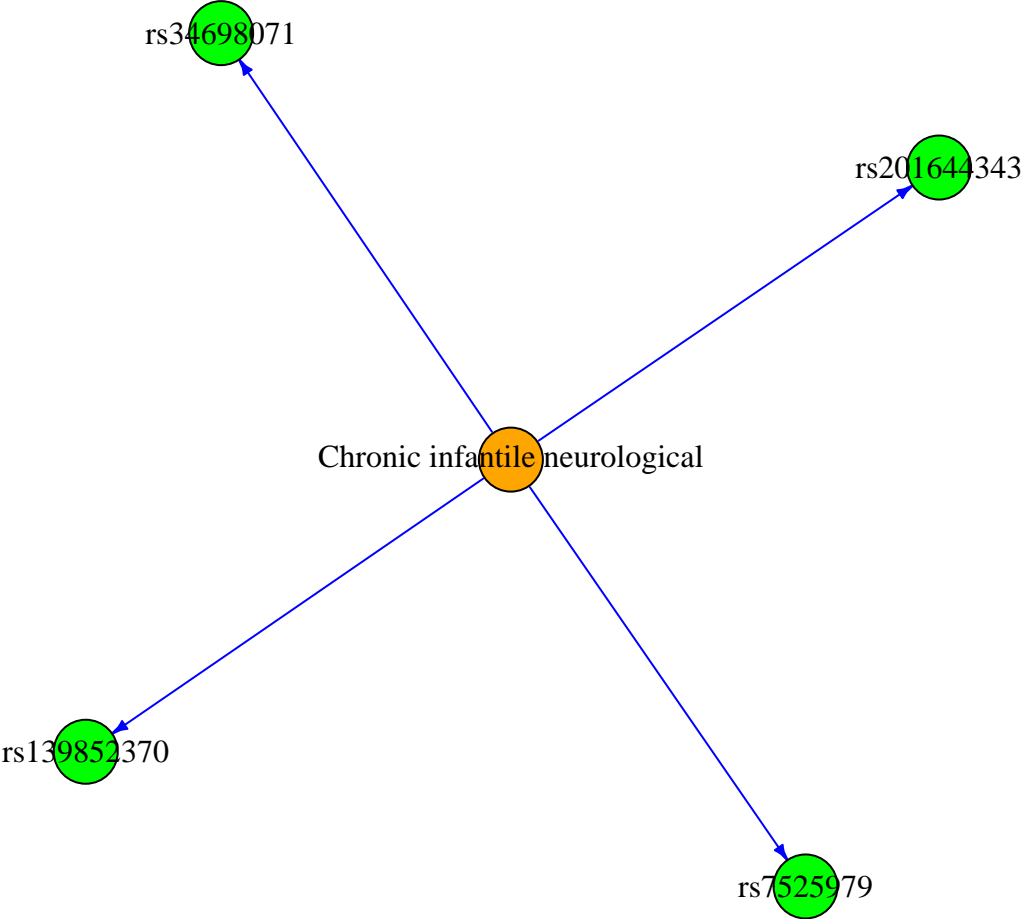
## Variant–Disease Network (Chondrodysplasia)



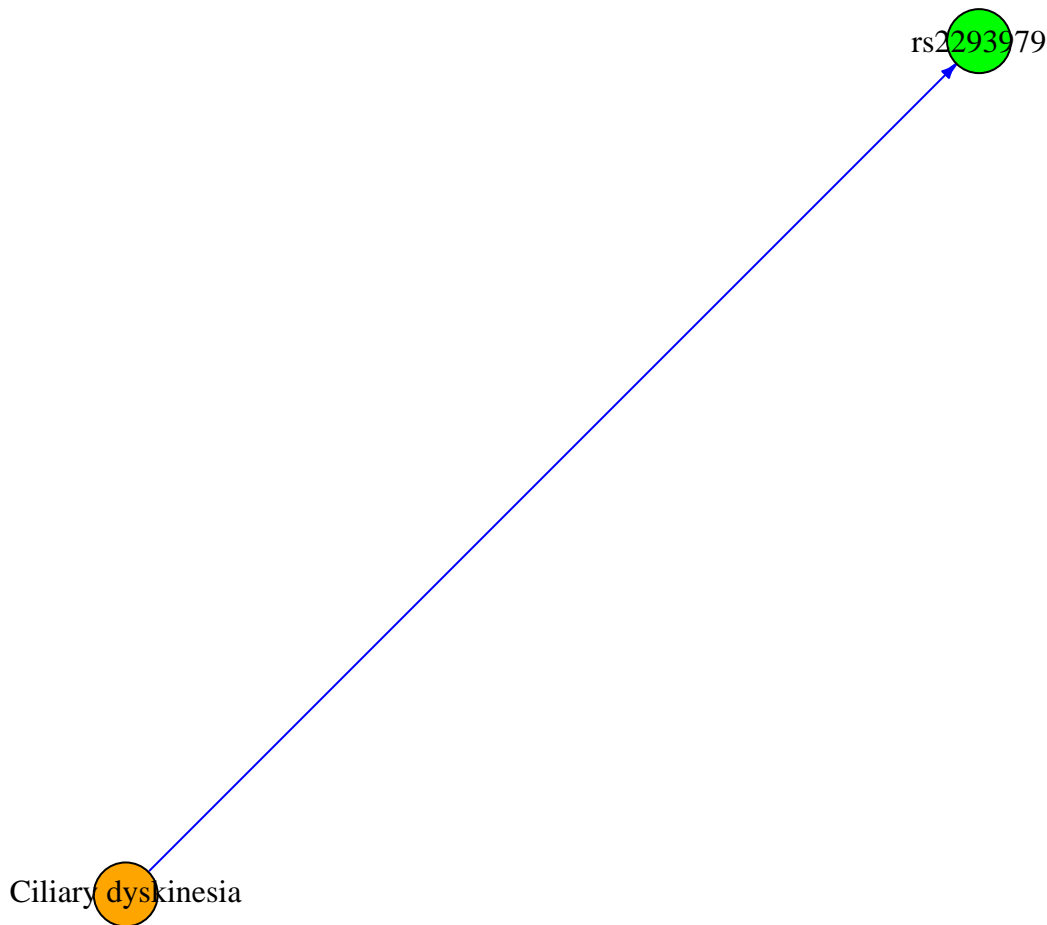
## Variant-Disease Network (Choreoacanthocytosis)



**Variant–Disease Network (Chronic infantile neurological)**

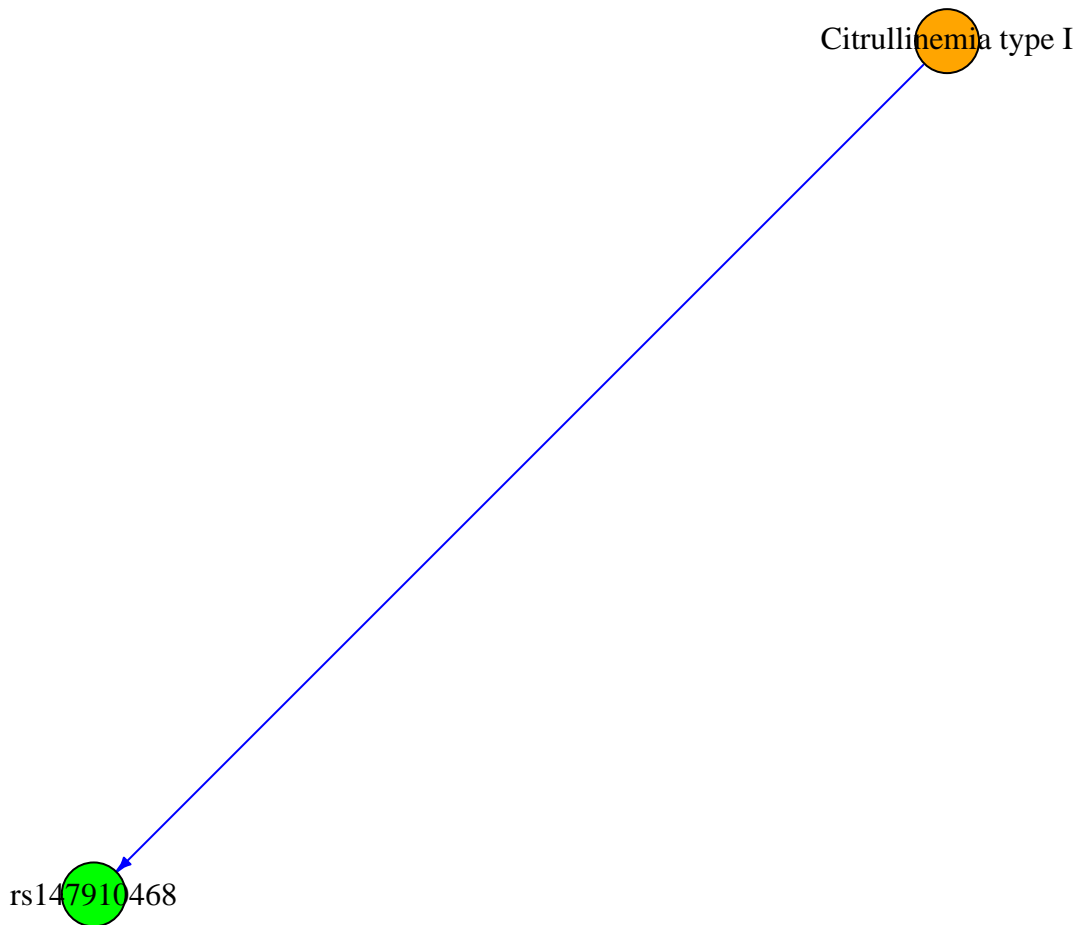


## Variant–Disease Network (Ciliary dyskinesia)

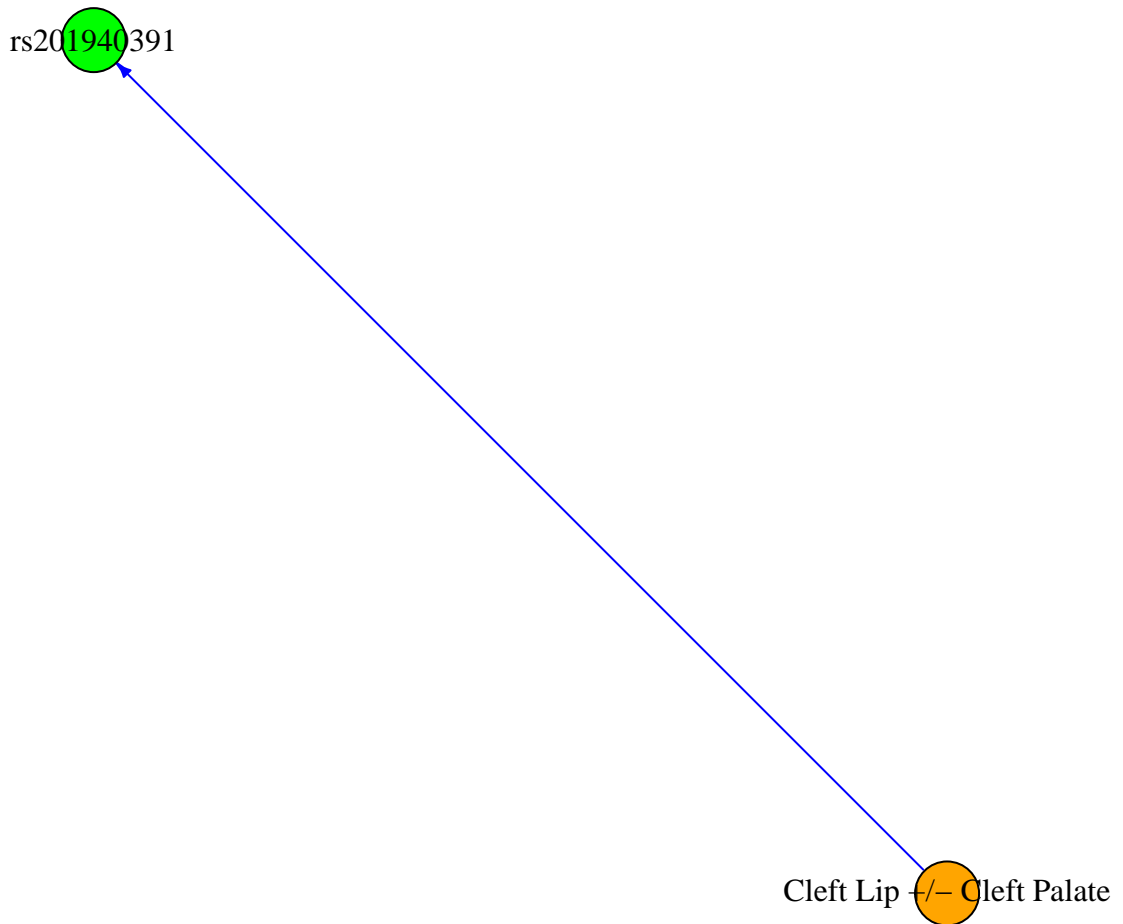




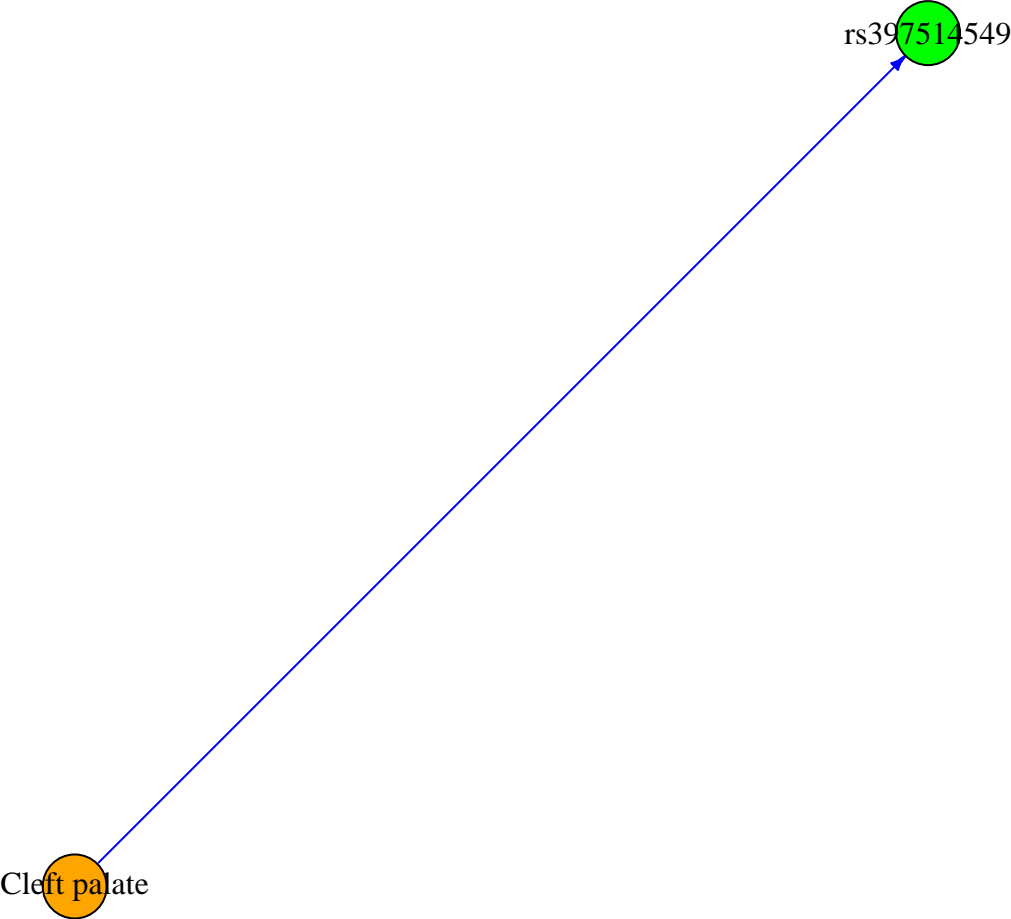
## Variant–Disease Network (Citrullinemia type I)



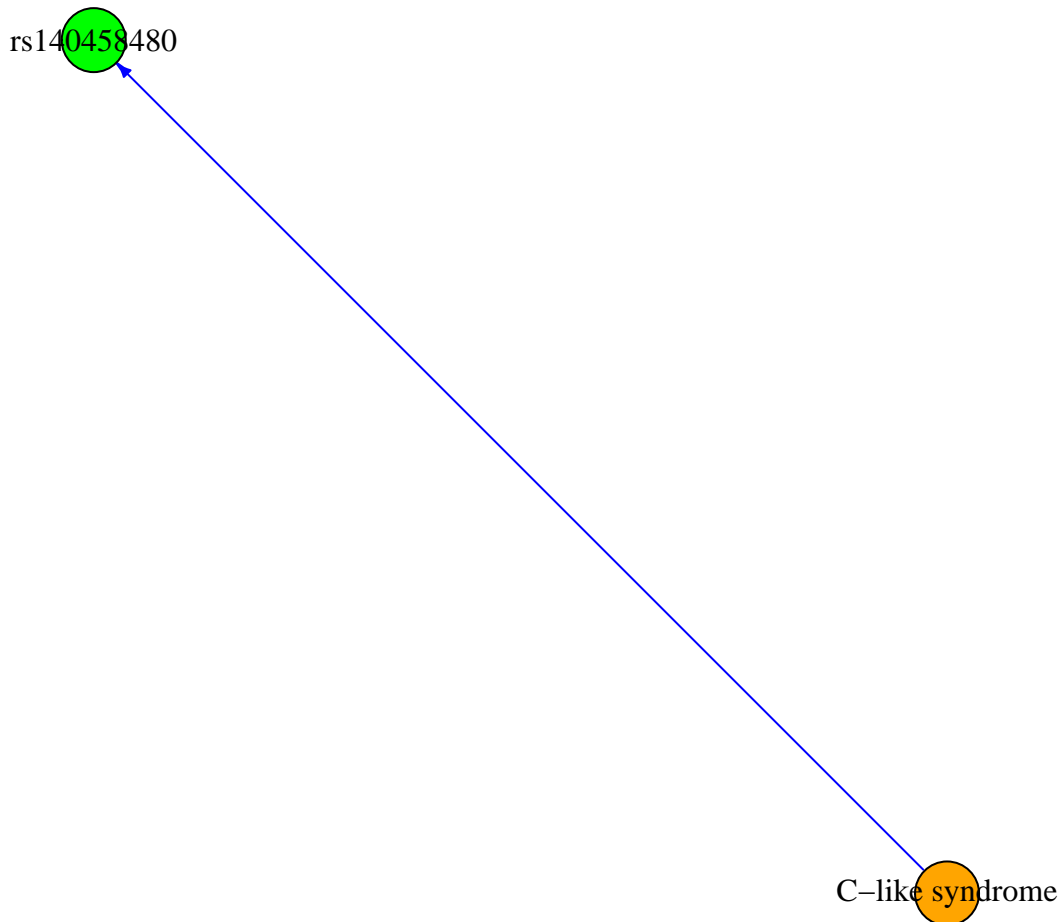
## Variant–Disease Network (Cleft Lip +/- Cleft Palate)



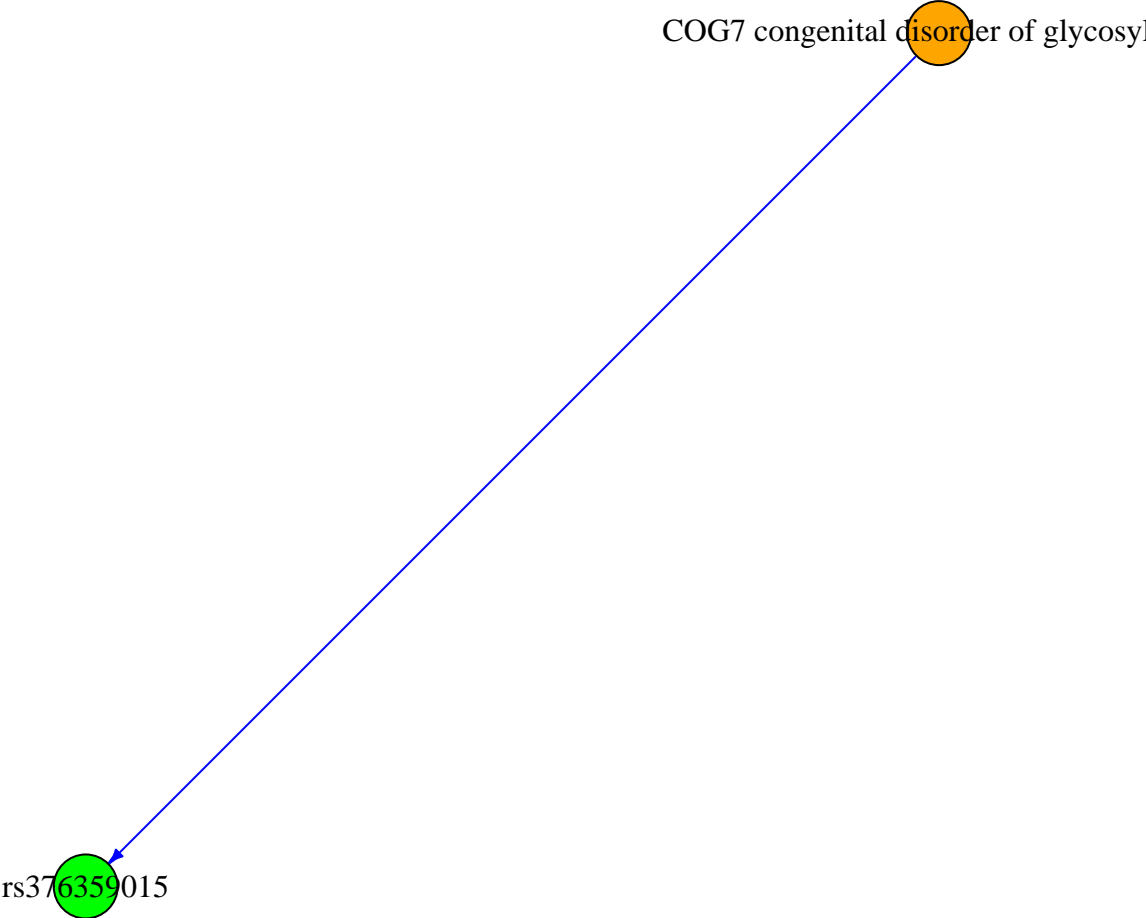
**Variant–Disease Network (Cleft palate)**



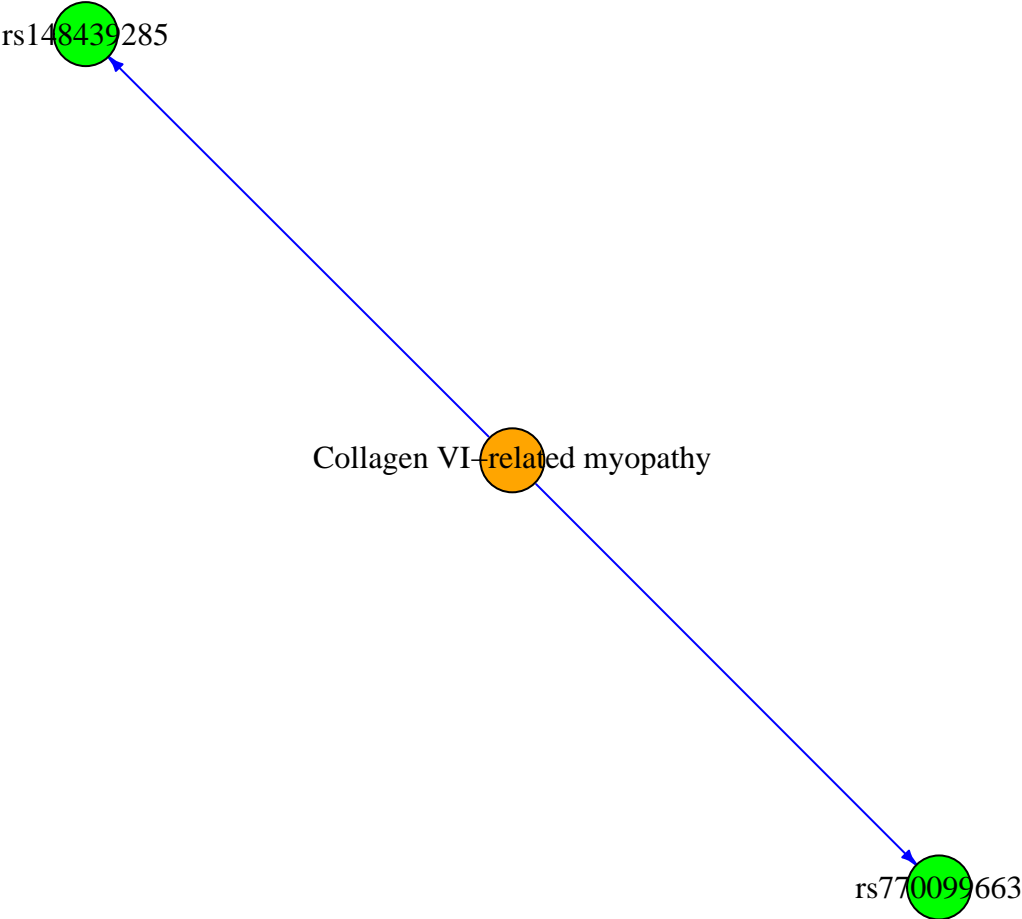
## Variant-Disease Network (C-like syndrome)



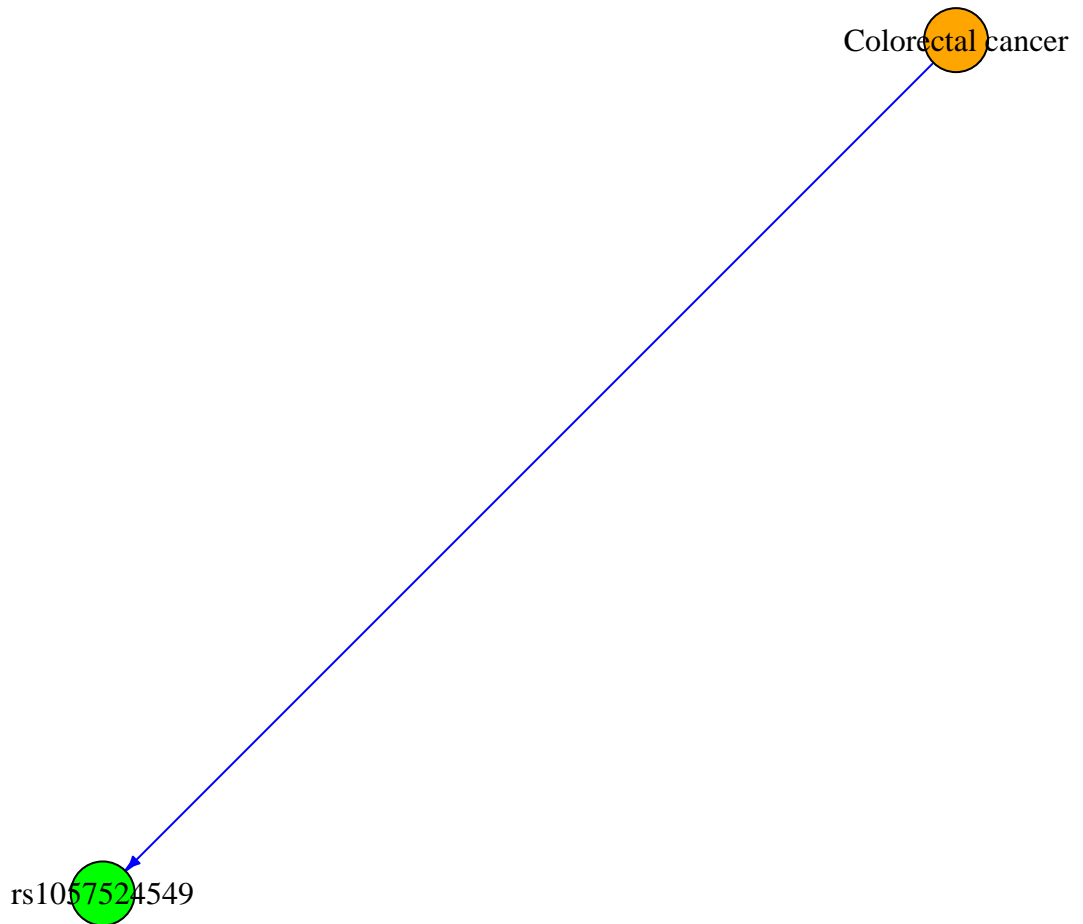
**Variant–Disease Network (COG7 congenital disorder of glycosylation)**



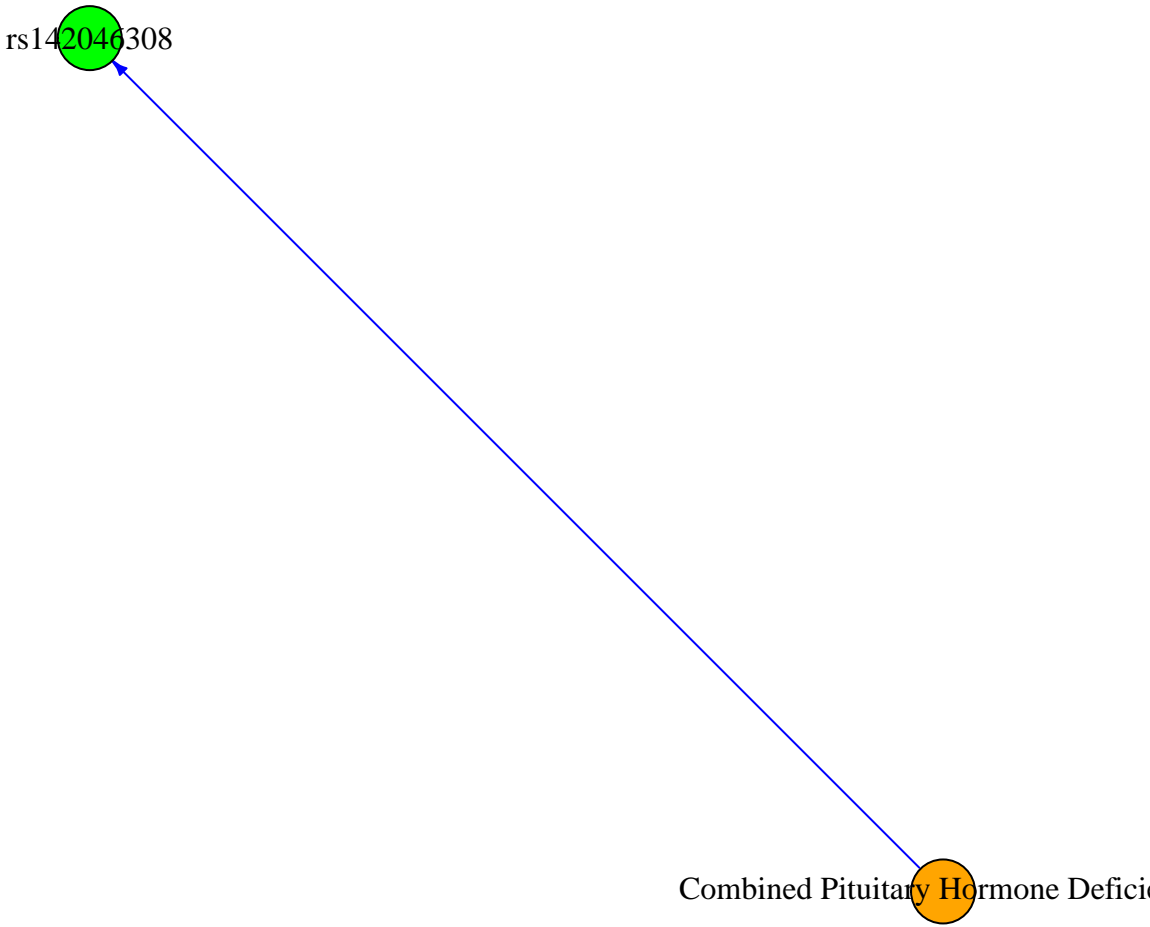
Variant–Disease Network (Collagen VI–related myopathy)



## Variant-Disease Network (Colorectal cancer)



**Variant–Disease Network (Combined Pituitary Hormone Deficiency)**

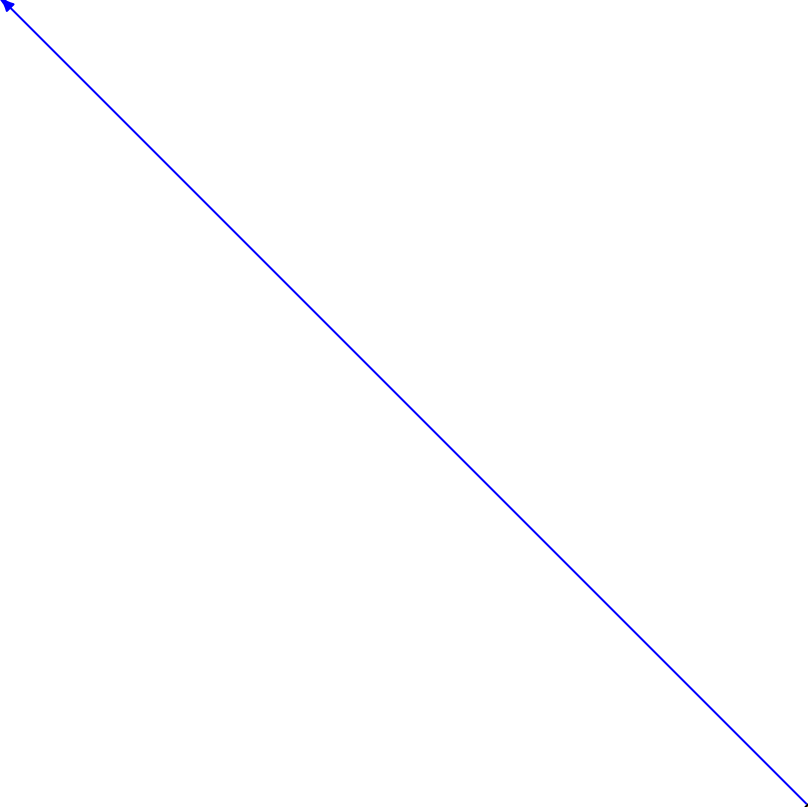




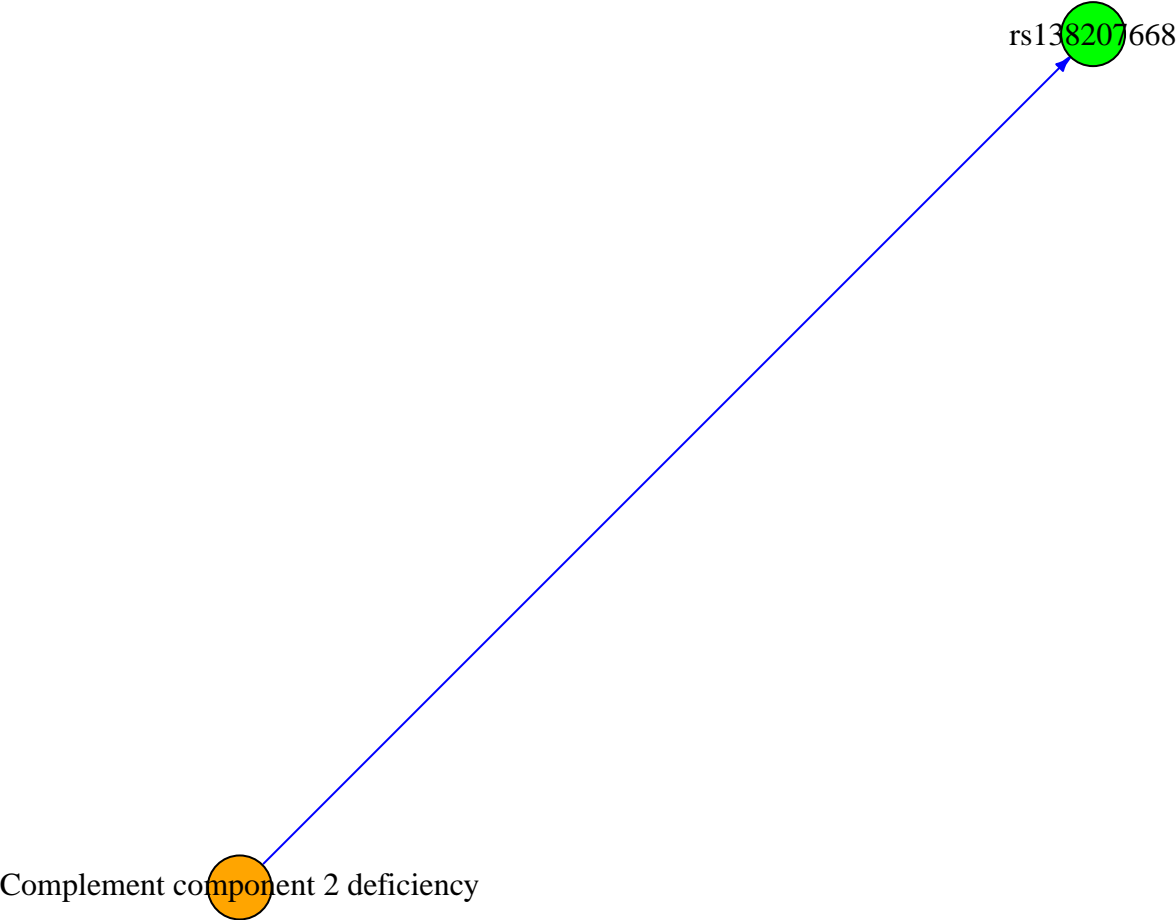
# Variant–Disease Network (Common variable immunodeficiency 7)

rs34349246

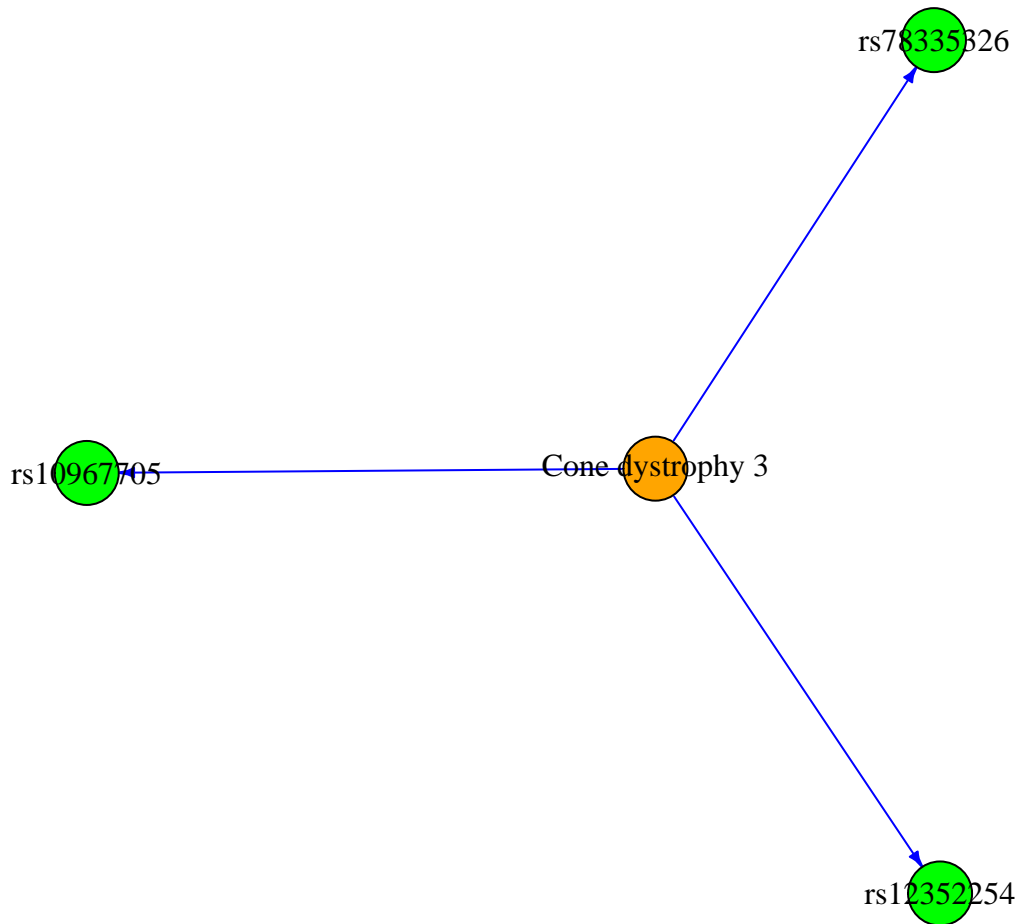
Common variable immunodeficiency



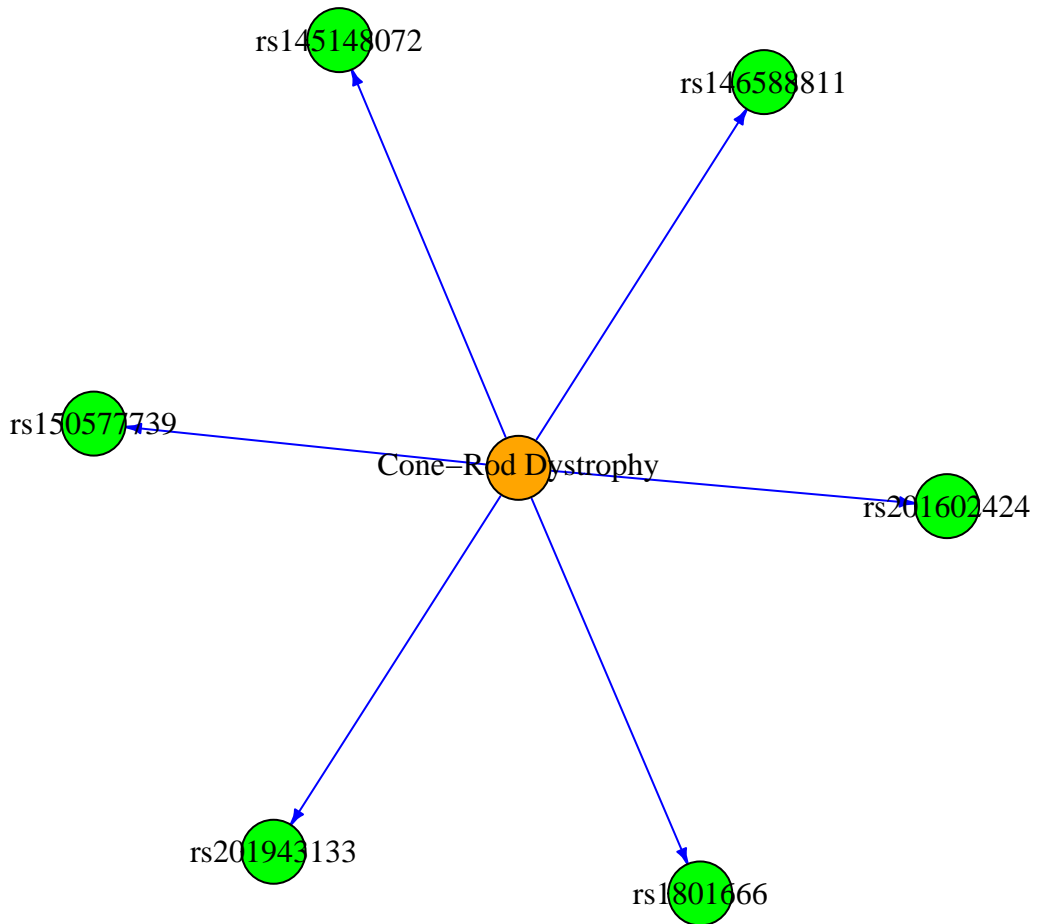
**Variant–Disease Network (Complement component 2 deficiency)**



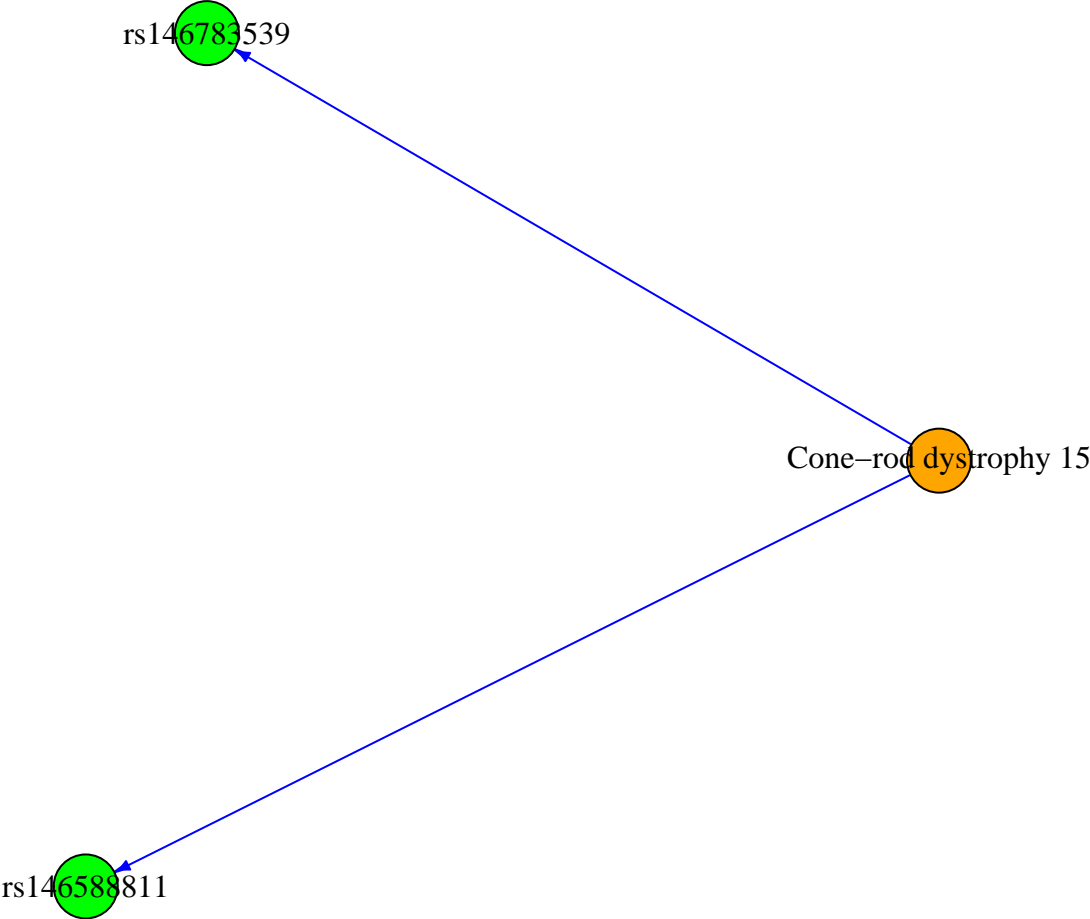
## Variant–Disease Network (Cone dystrophy 3)



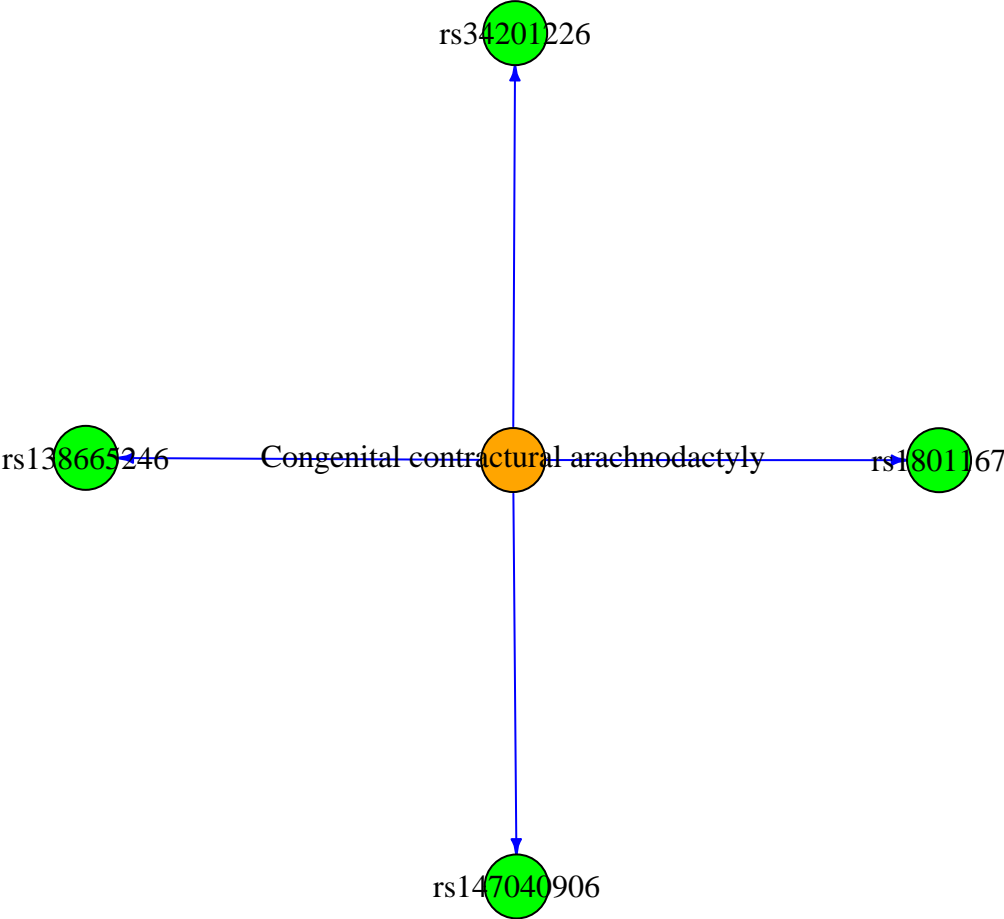
## Variant–Disease Network (Cone–Rod Dystrophy)



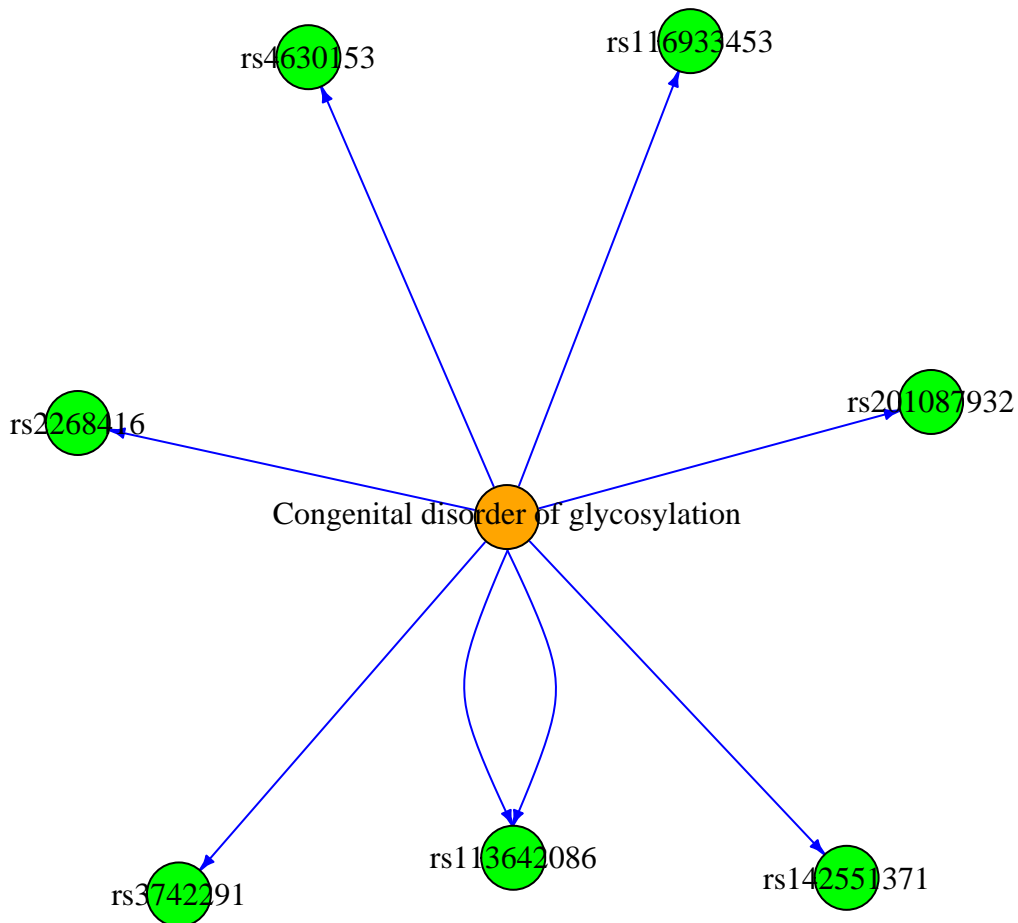
**Variant–Disease Network (Cone-rod dystrophy 15)**



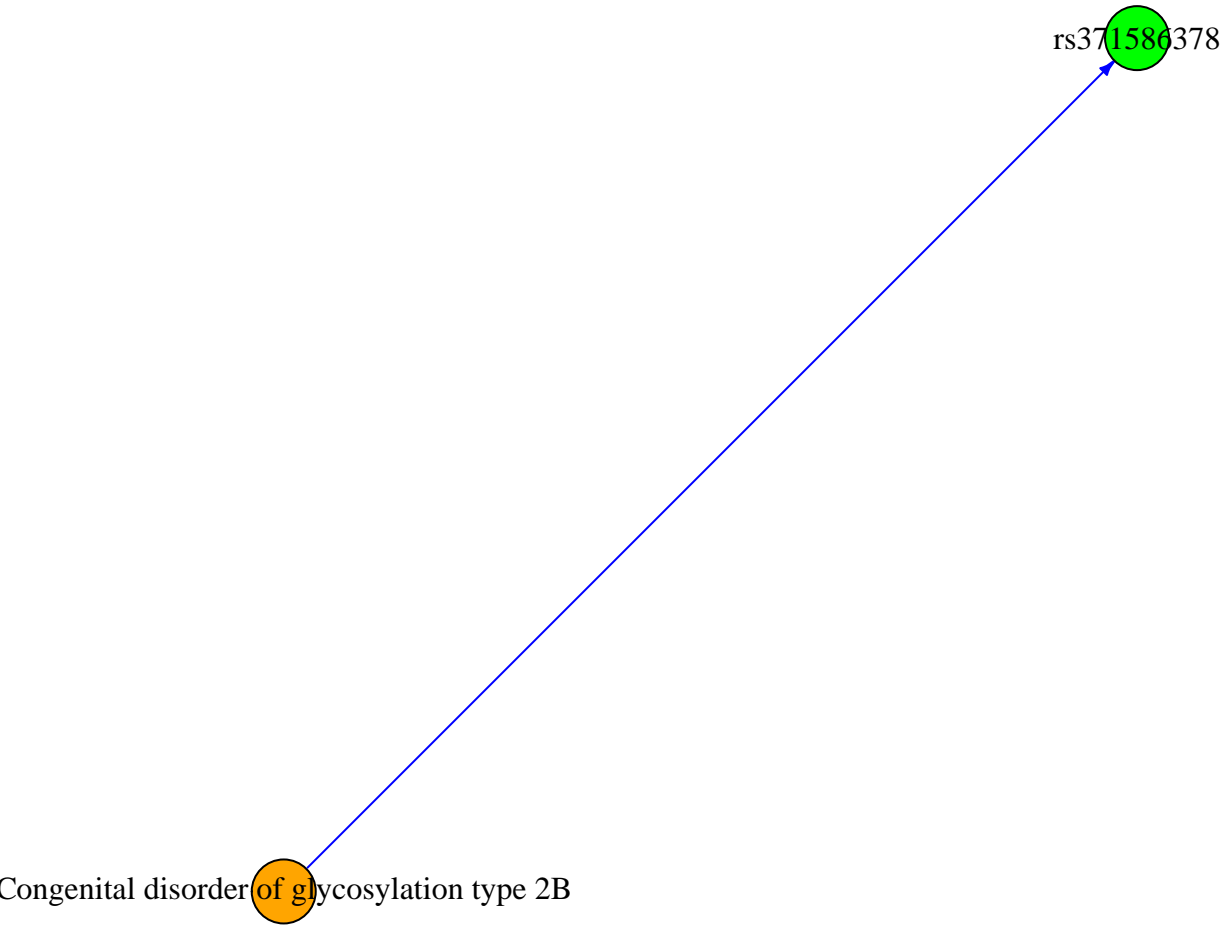
**Variant–Disease Network (Congenital contractural arachnodactyly)**



# Variant–Disease Network (Congenital disorder of glycosylation)

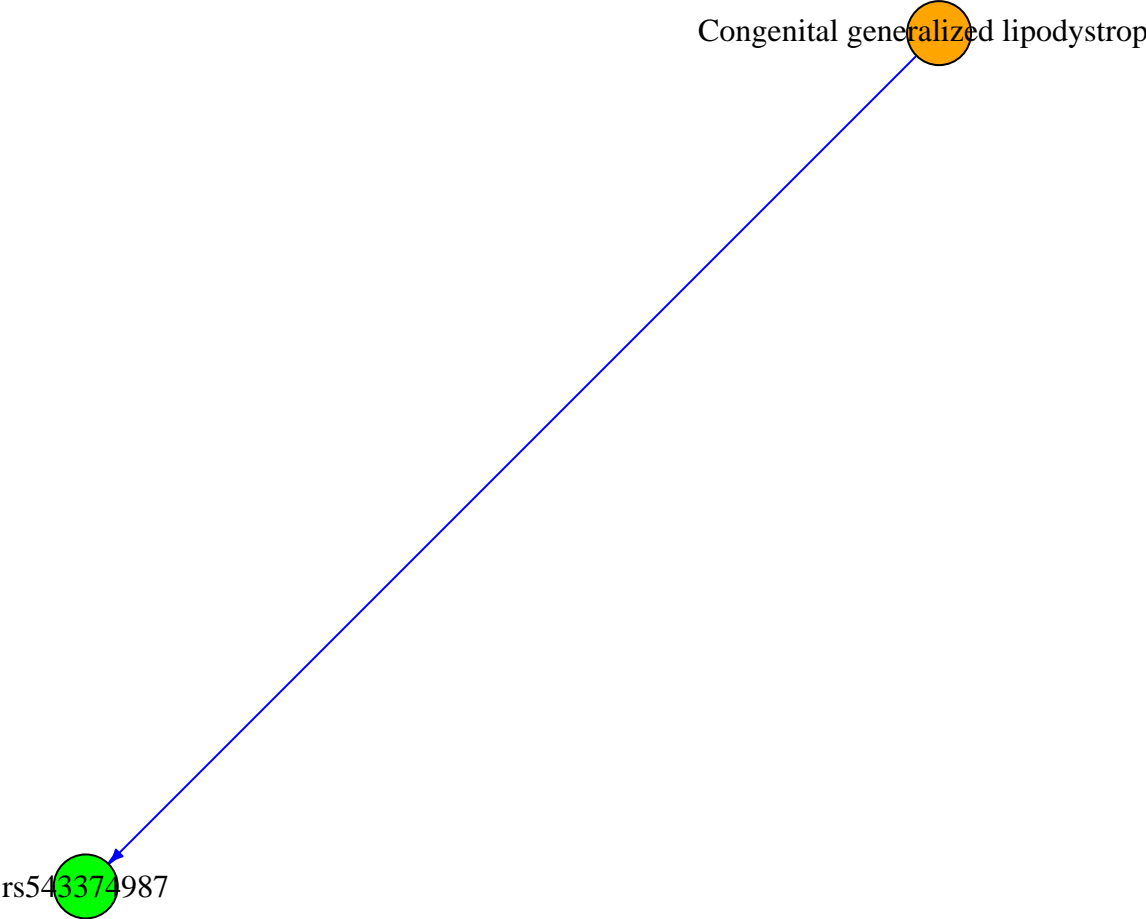


**Variant–Disease Network (Congenital disorder of glycosylation type 2B)**





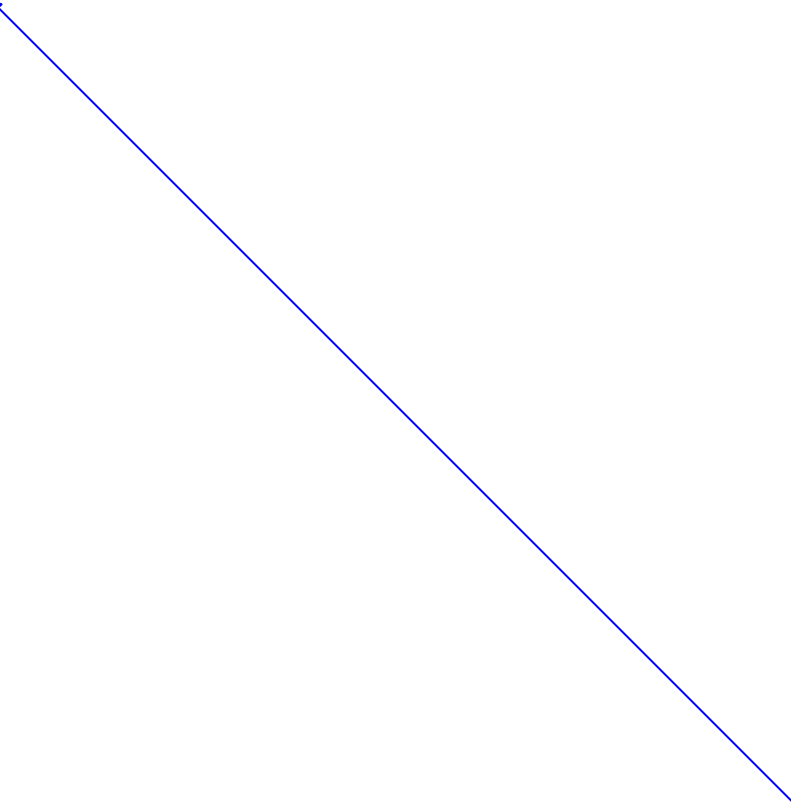
Variant–Disease Network (Congenital generalized lipodystrophy)



# Variant–Disease Network (Congenital generalized lipodystrophy type 1)

rs200656731

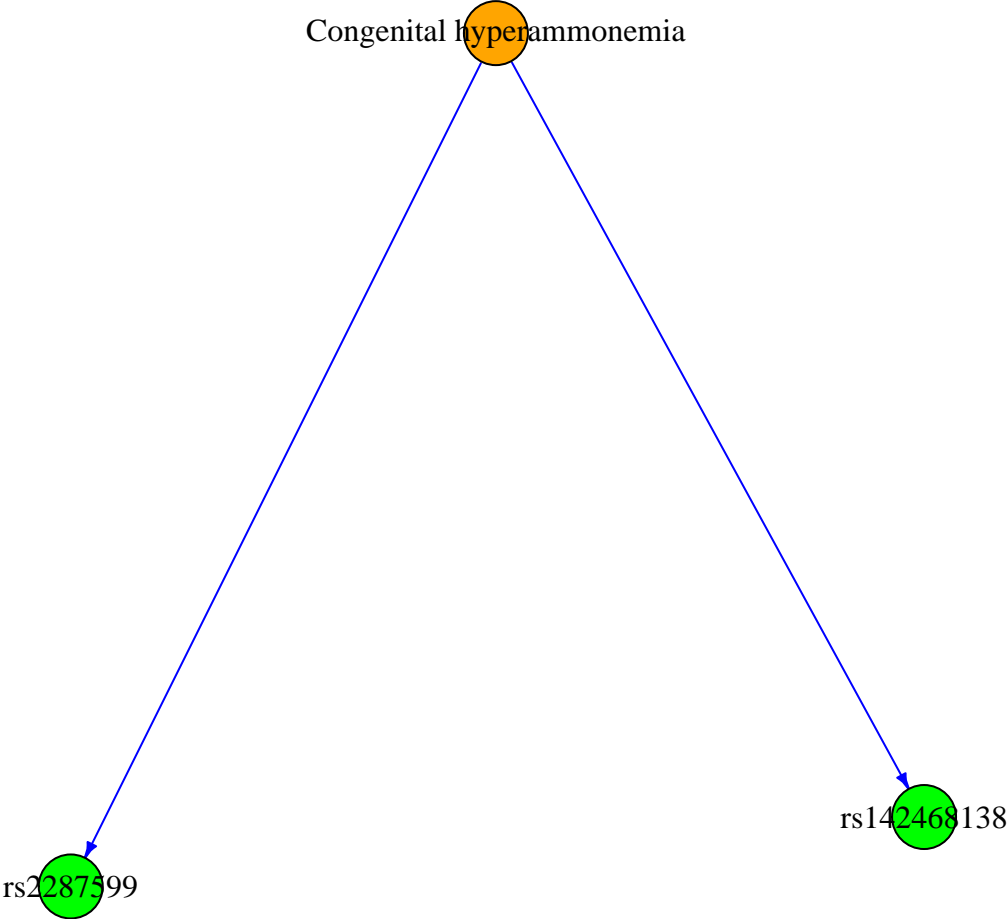
Congenital generalized lipodystrophy



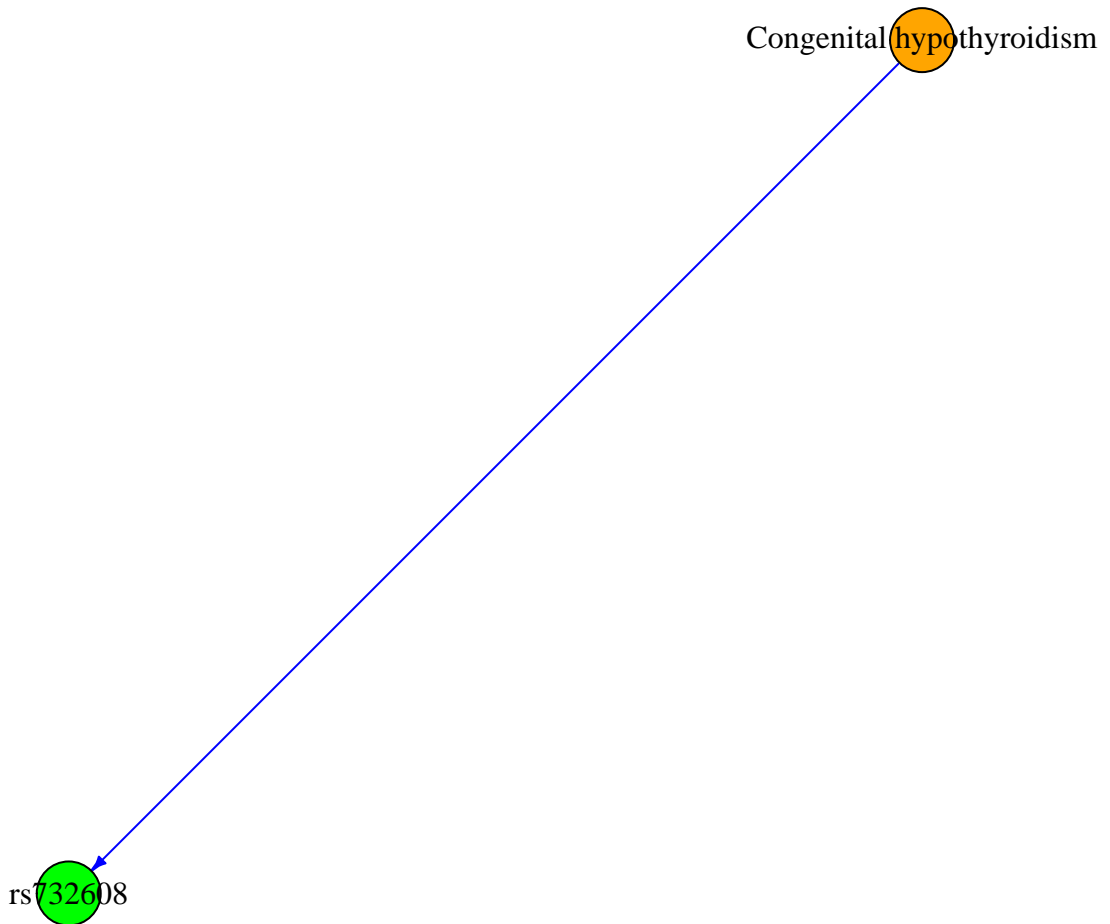
Variant–Disease Network (Congenital glucose–galactose malabsorption)



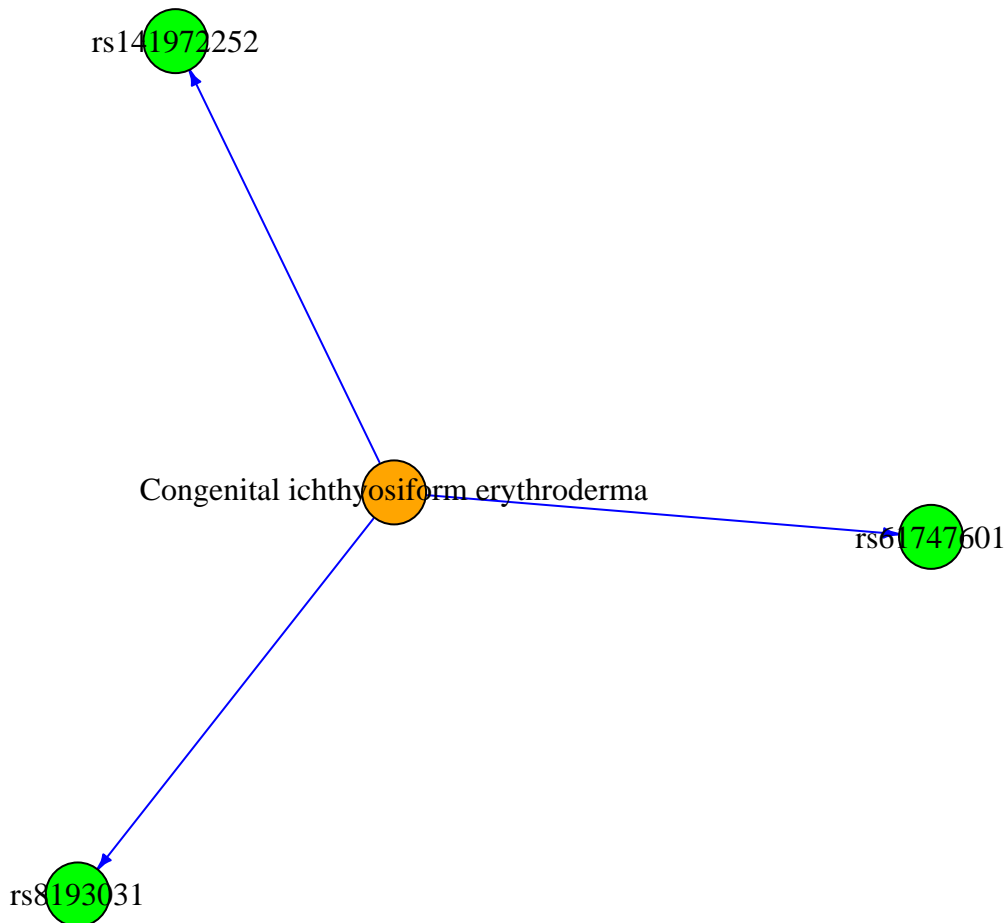
**Variant–Disease Network (Congenital hyperammonemia)**



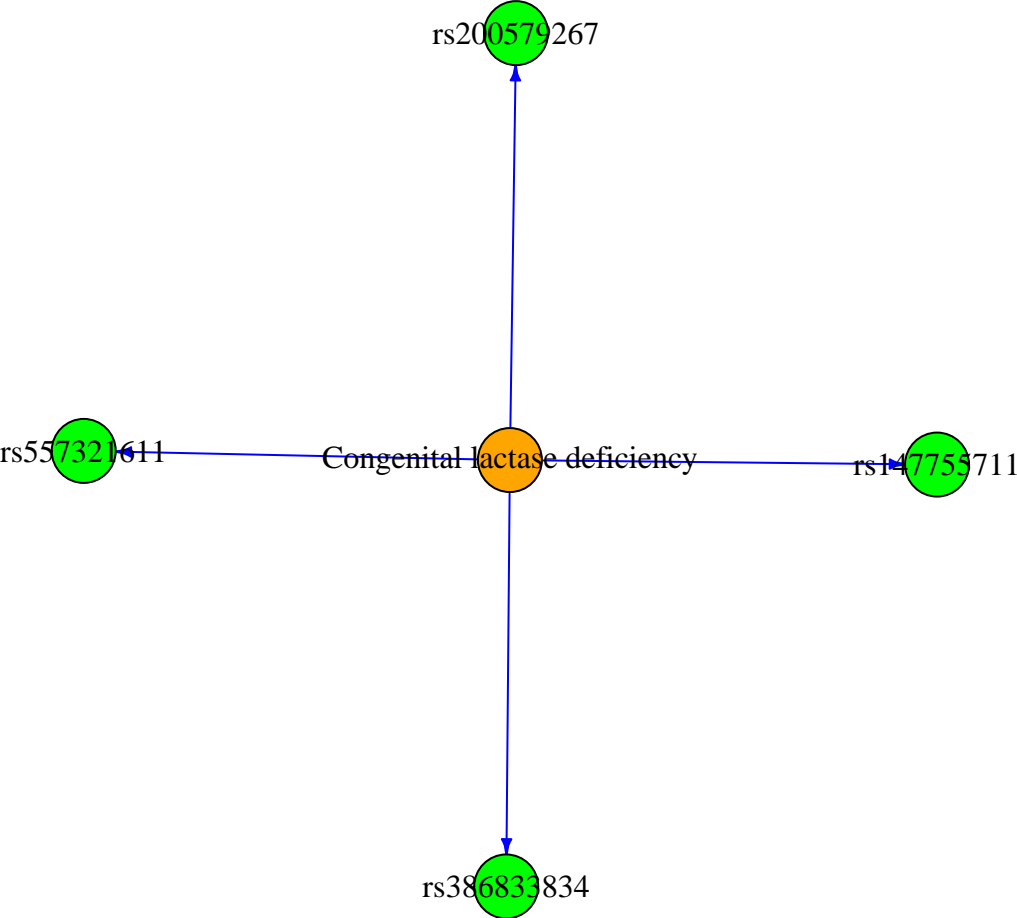
## Variant–Disease Network (Congenital hypothyroidism)



# Variant–Disease Network (Congenital ichthyosiform erythroderma)



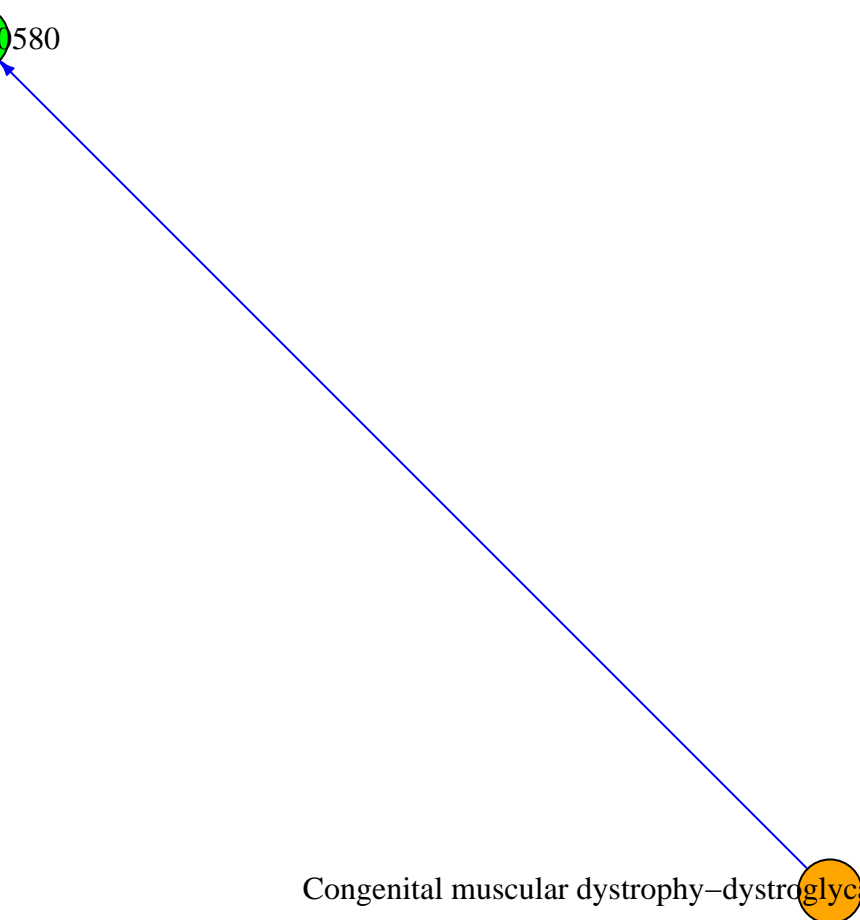
Variant–Disease Network (Congenital lactase deficiency)



# se Network (Congenital muscular dystrophy–dystroglycanopathy with brain a

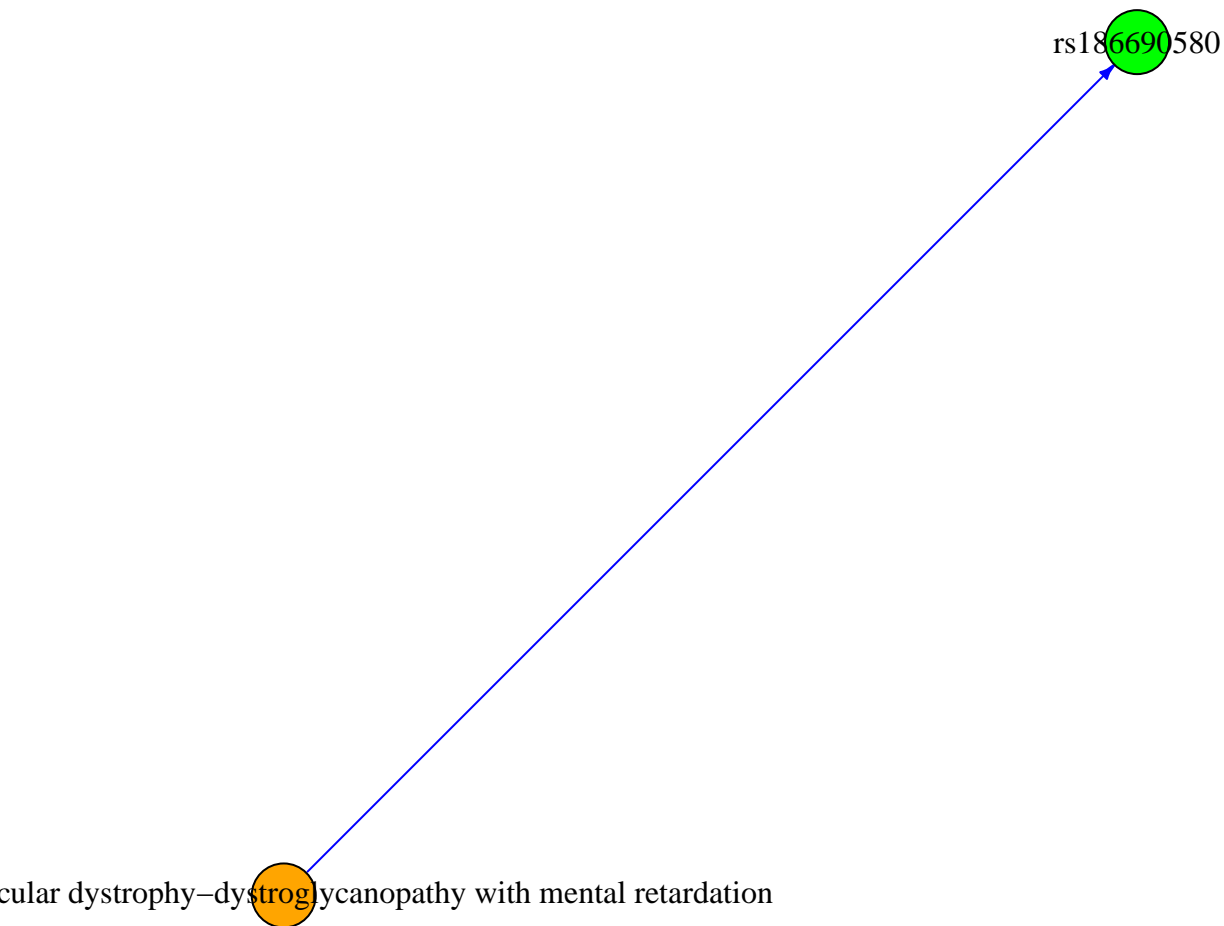
rs186690580

Congenital muscular dystrophy–dystroglycanopathy with

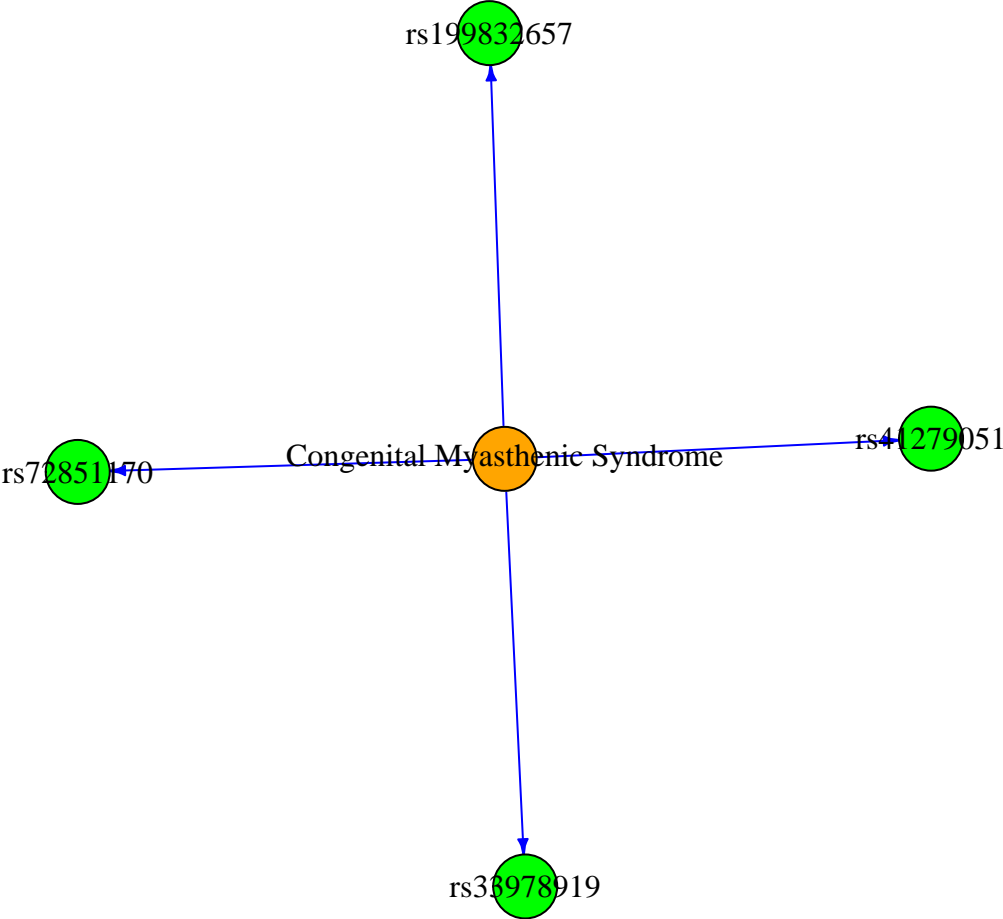




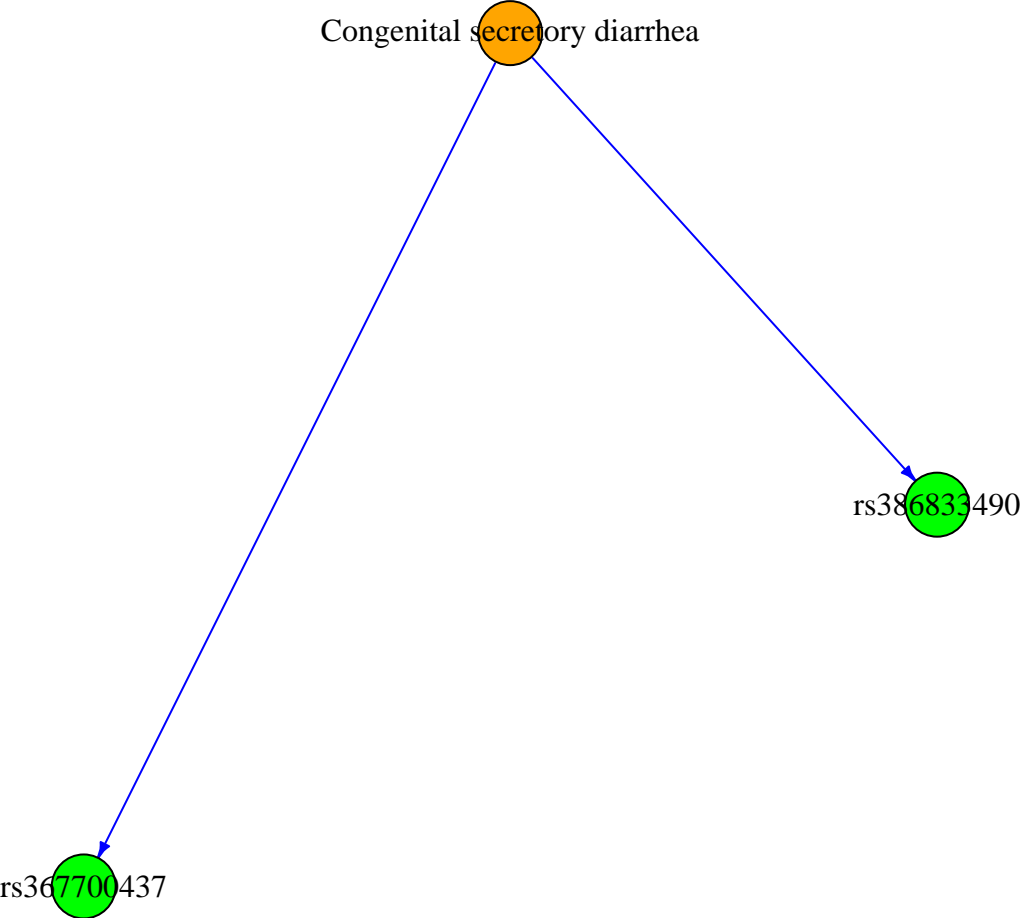
# Disease Network (Congenital muscular dystrophy–dystroglycanopathy with me



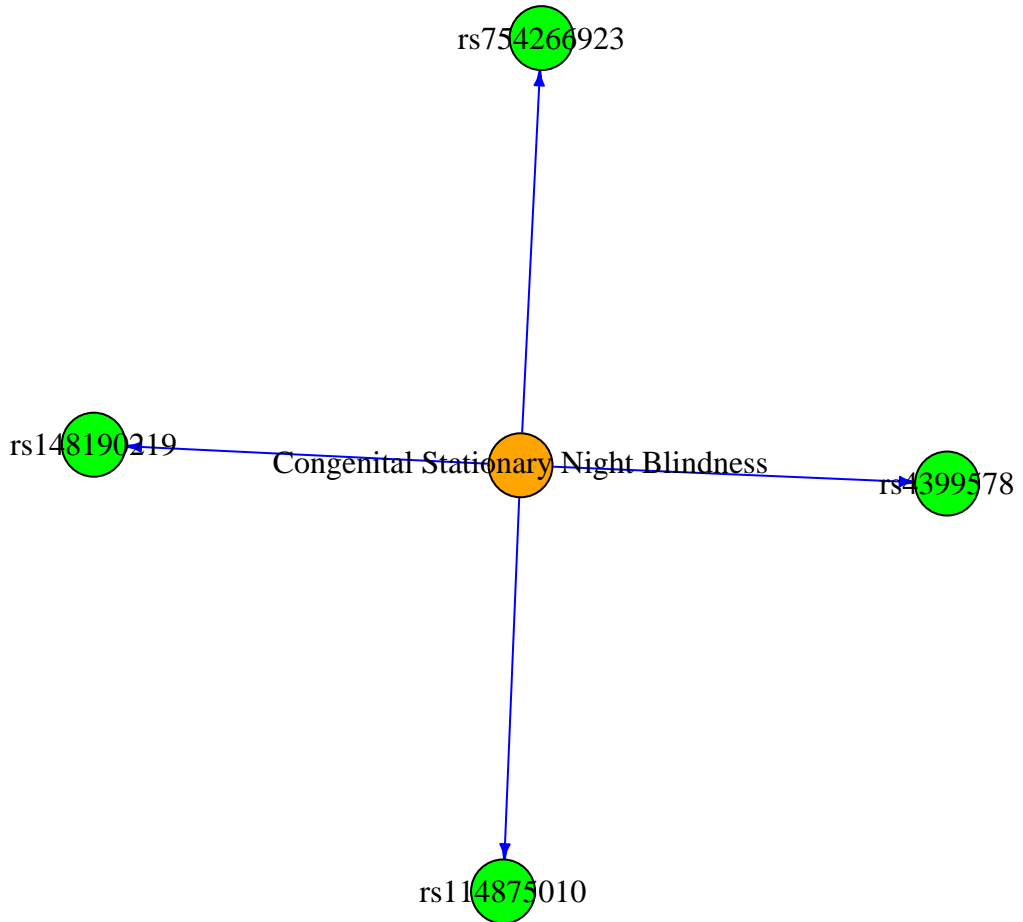
Variant–Disease Network (Congenital Myasthenic Syndrome)



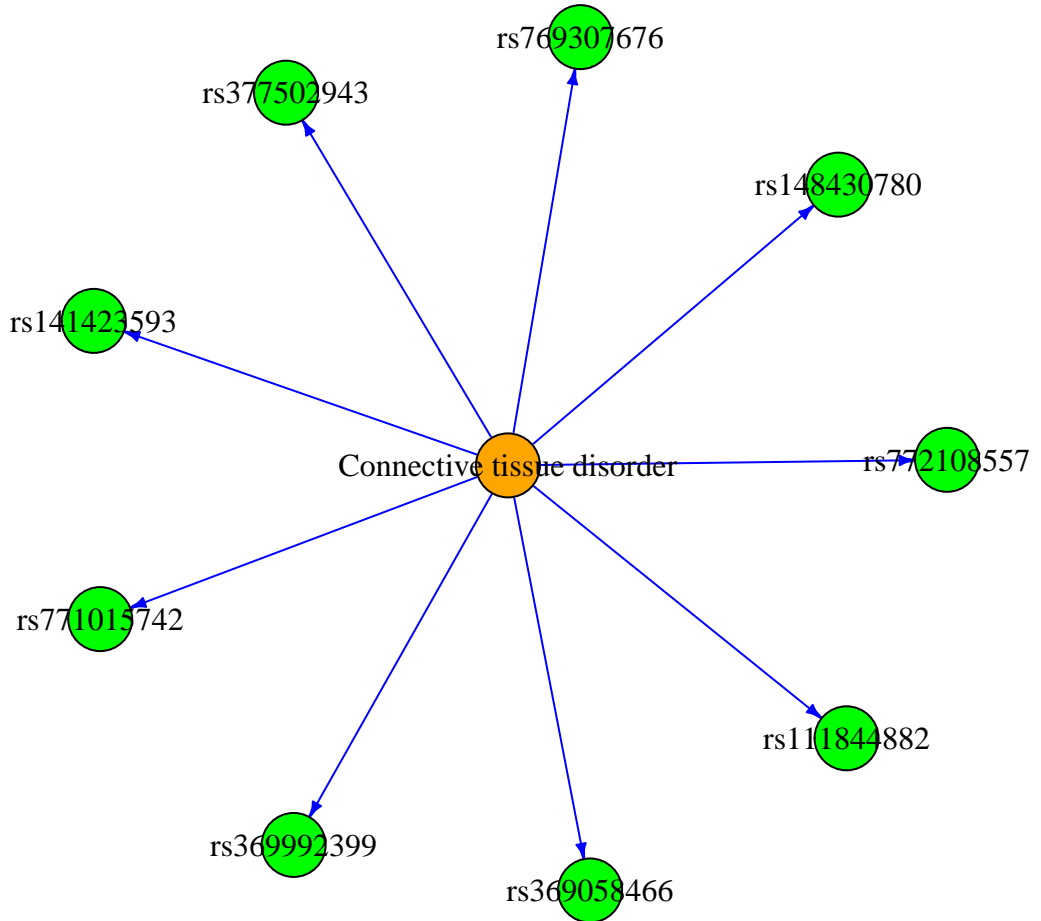
Variant–Disease Network (Congenital secretory diarrhea)



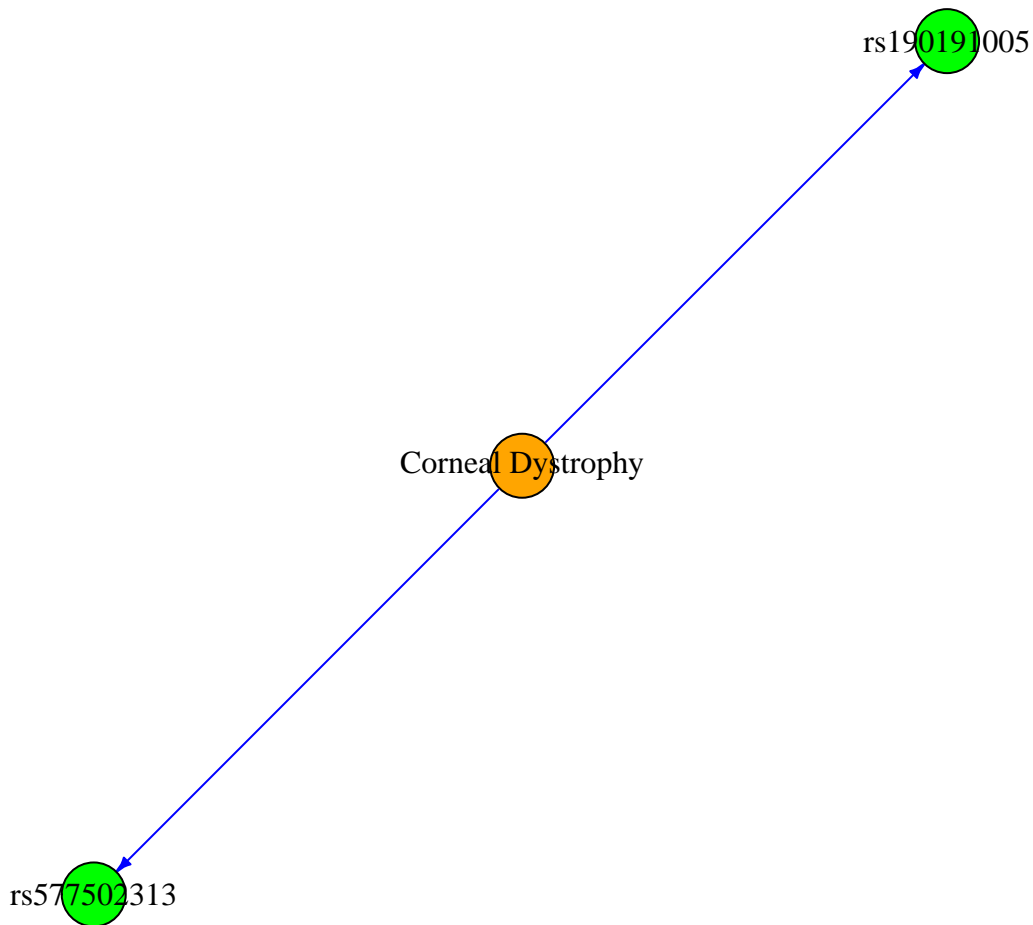
# Variant–Disease Network (Congenital Stationary Night Blindness)



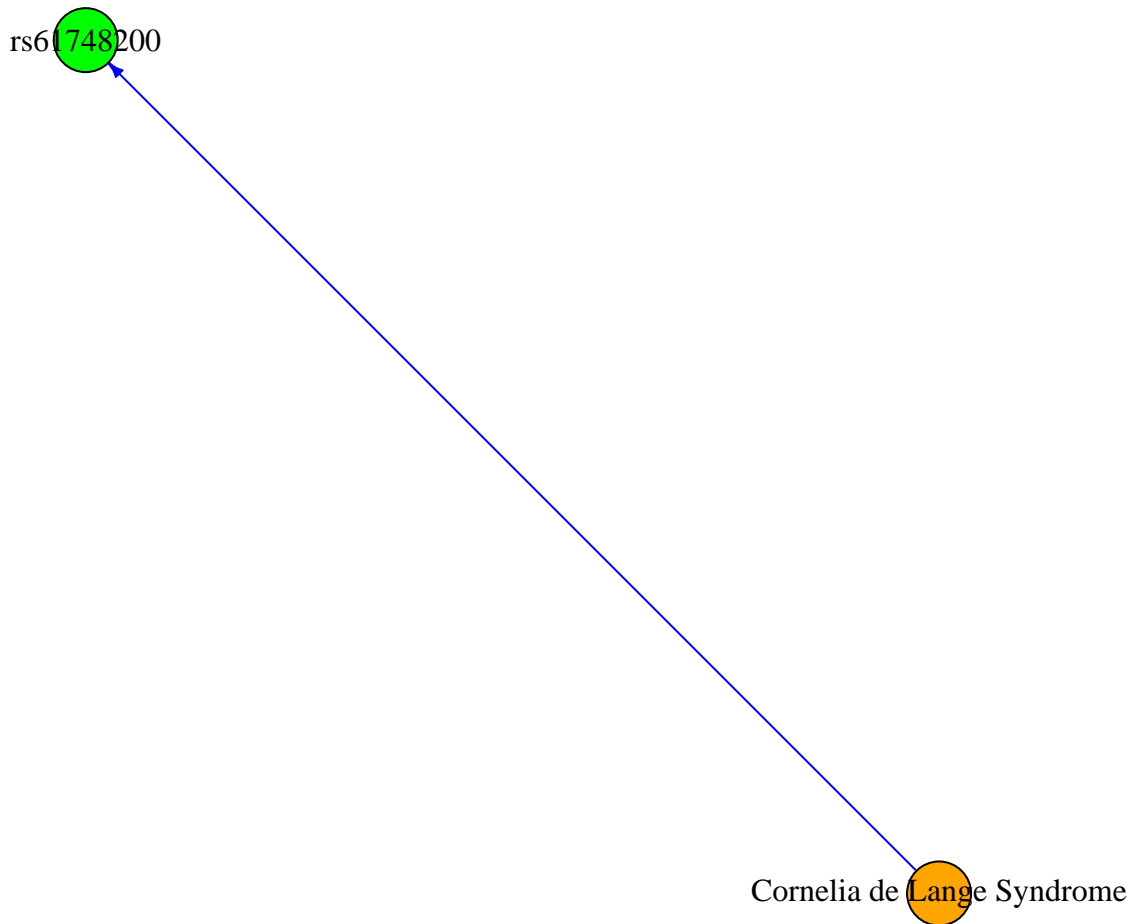
## Variant–Disease Network (Connective tissue disorder)



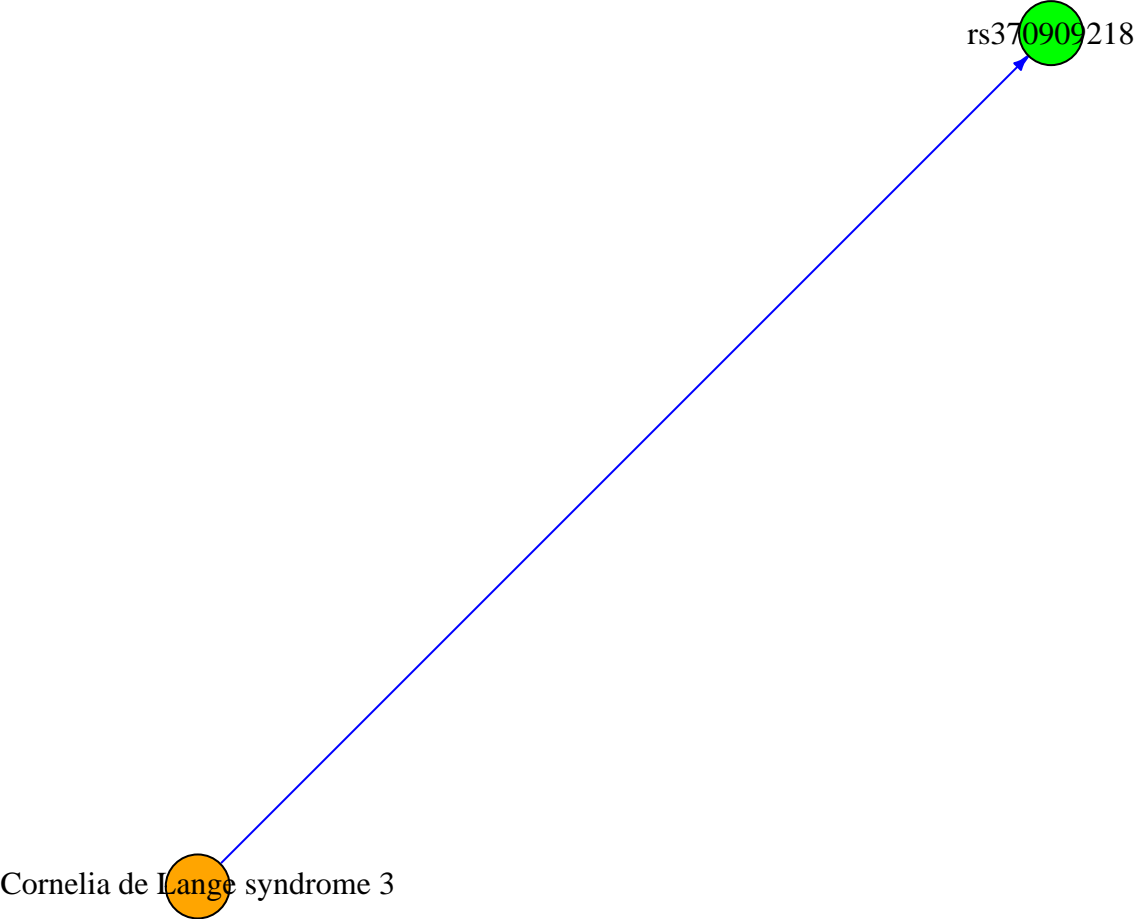
## Variant–Disease Network (Corneal Dystrophy)



# Variant–Disease Network (Cornelia de Lange Syndrome)

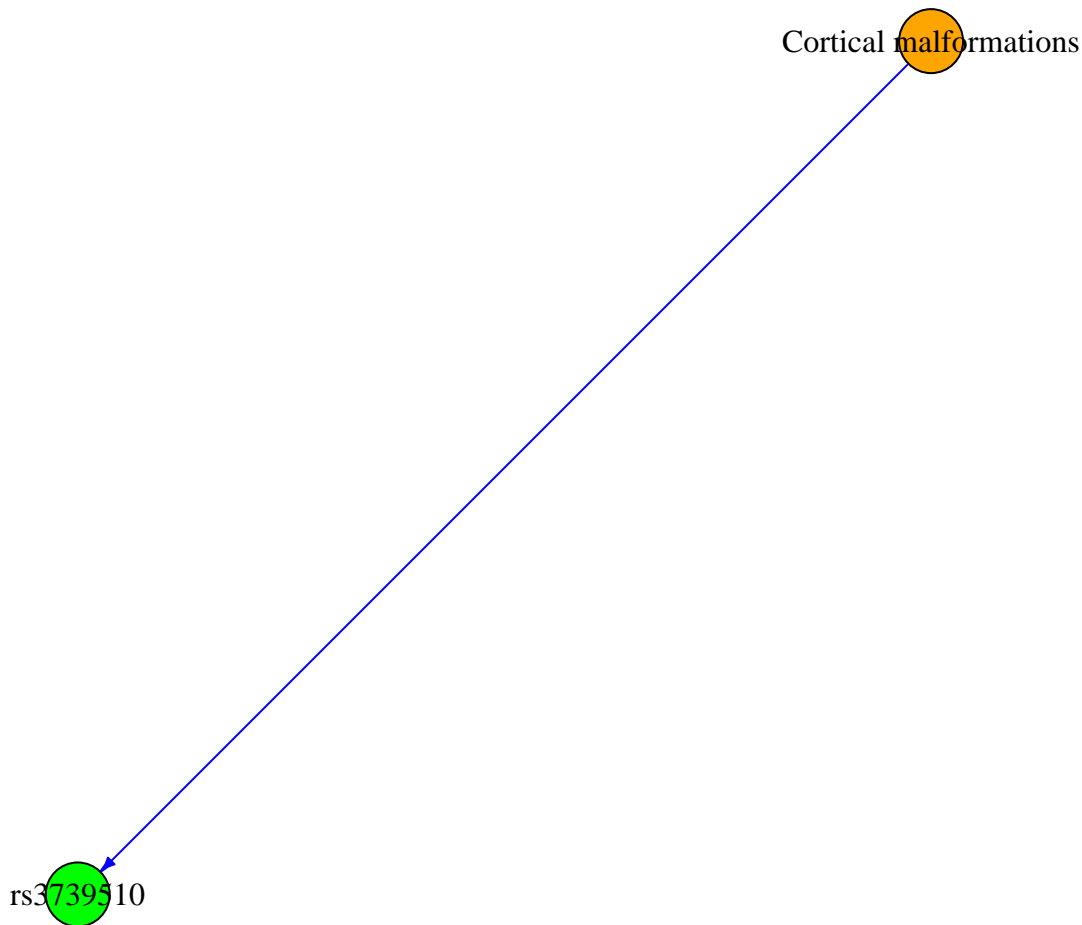


**Variant–Disease Network (Cornelia de Lange syndrome 3)**

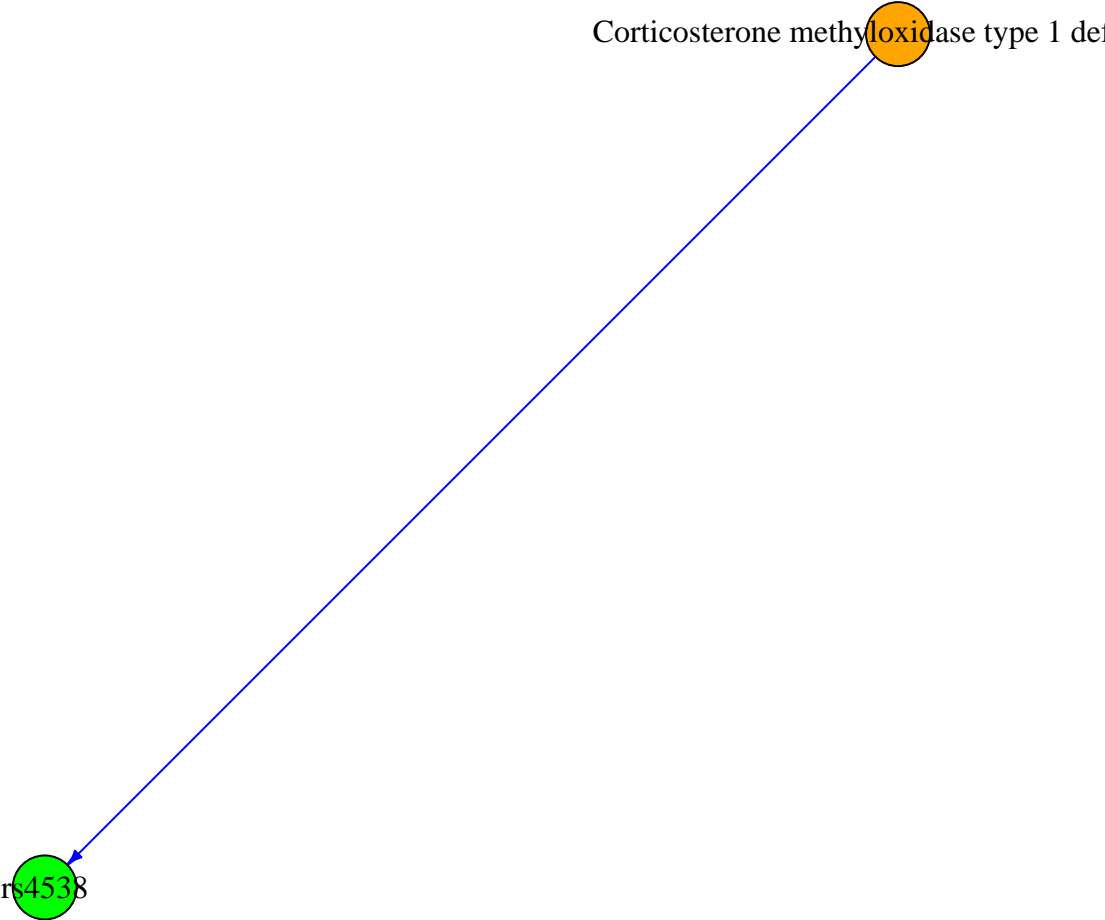




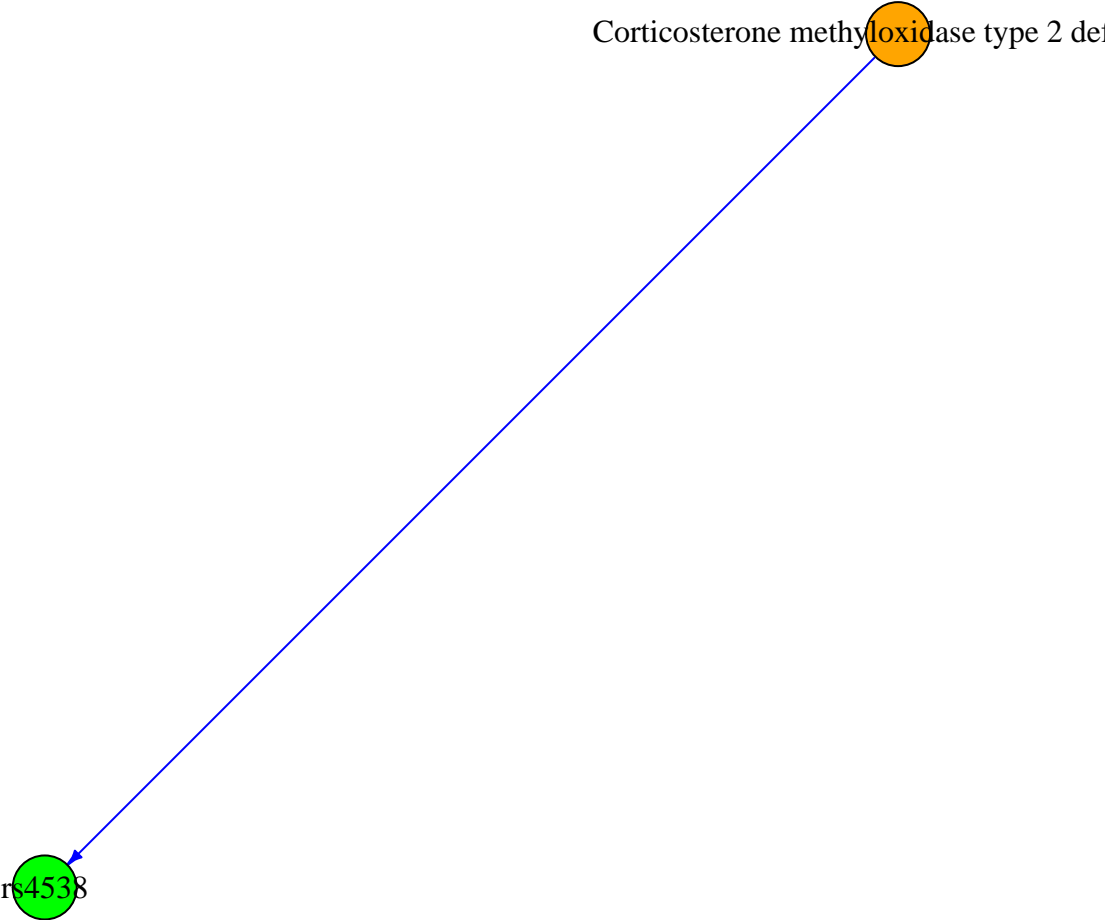
## Variant–Disease Network (Cortical malformations)



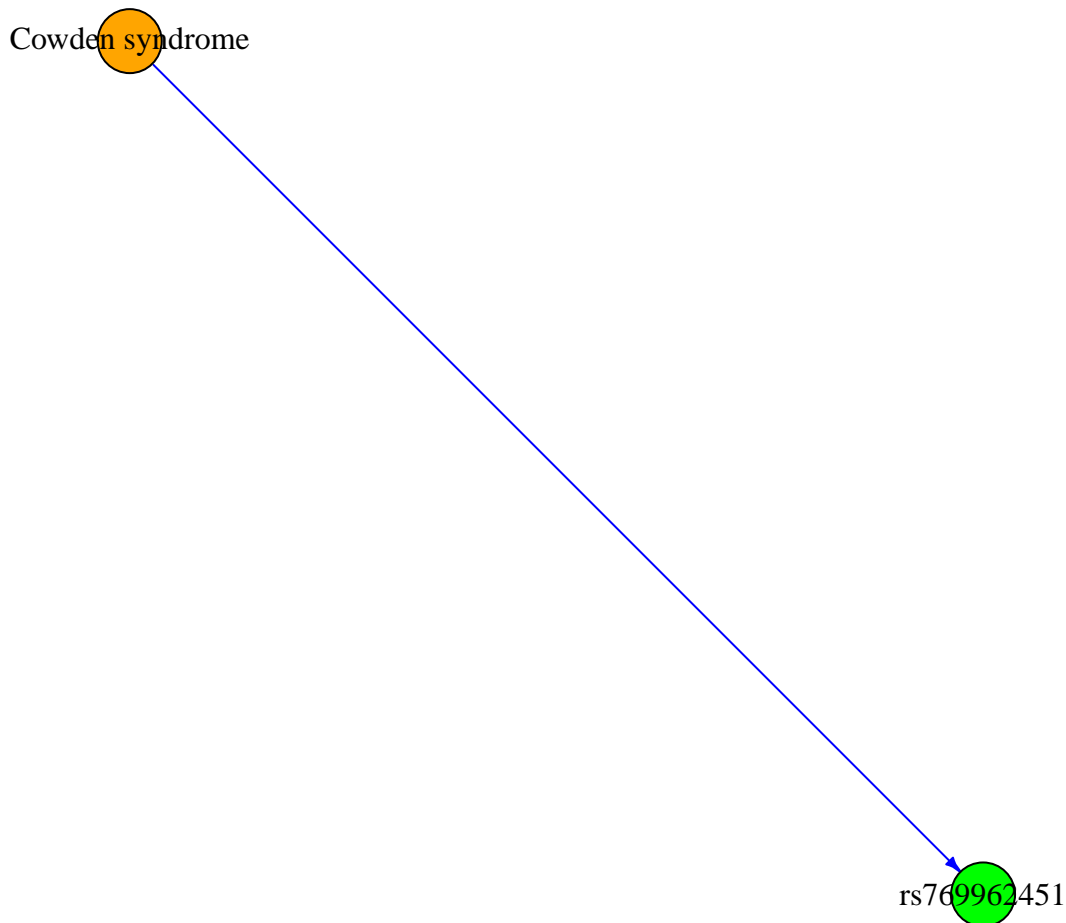
Variant–Disease Network (Corticosterone methyloxidase type 1 deficiency)



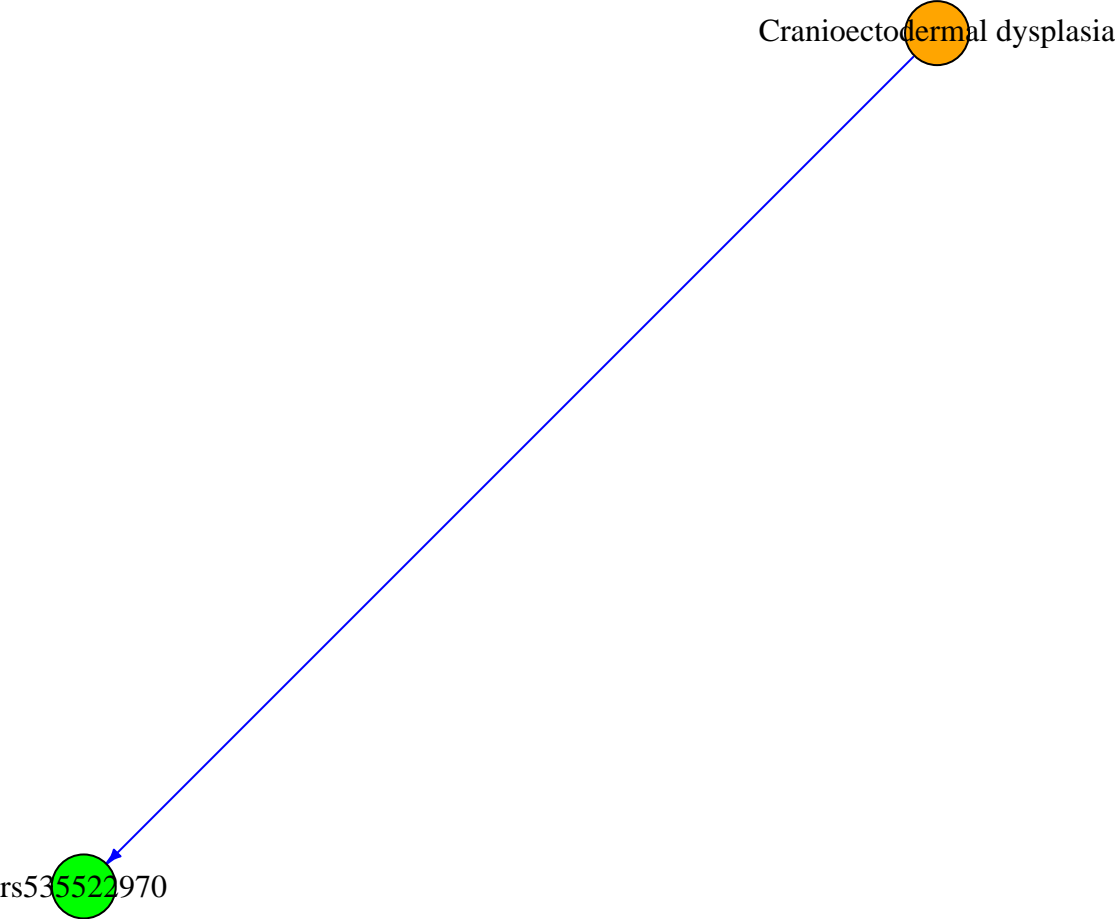
Variant–Disease Network (Corticosterone methyloxidase type 2 deficiency)



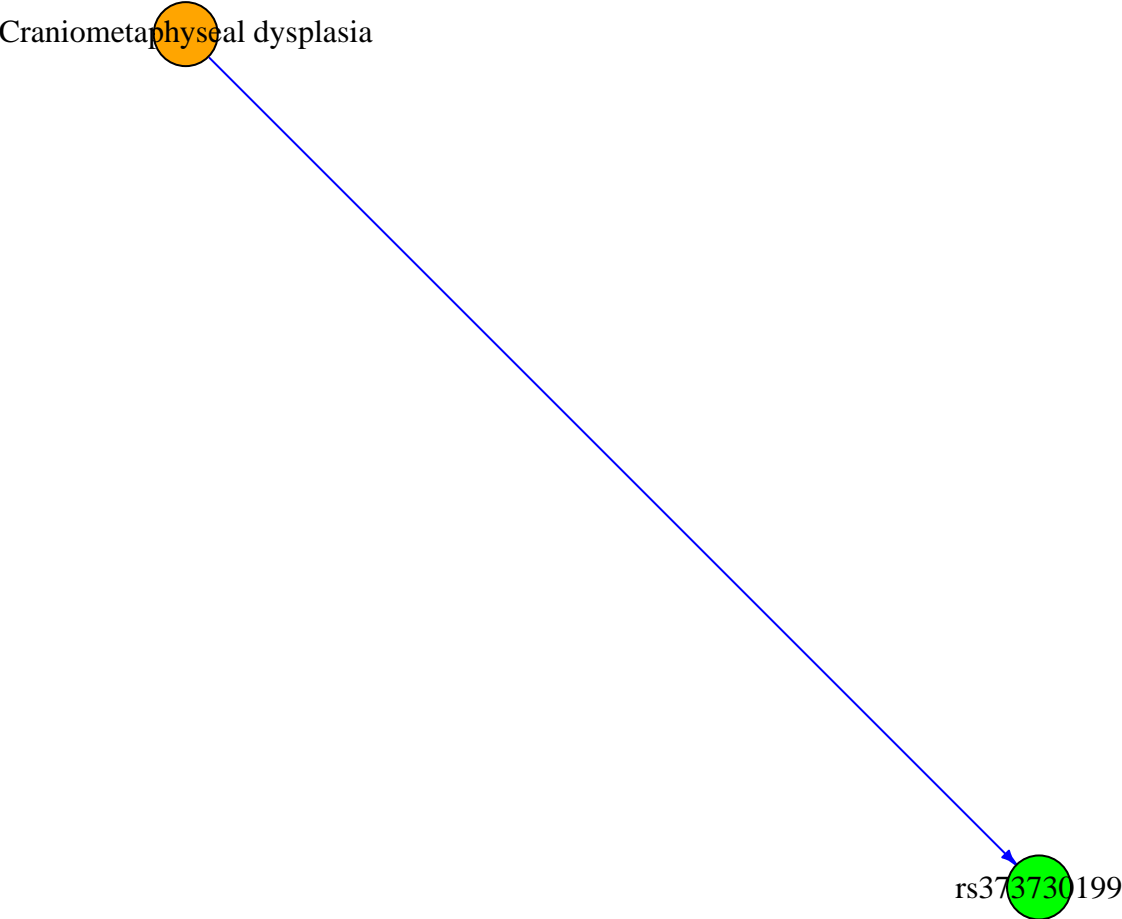
## Variant–Disease Network (Cowden syndrome)



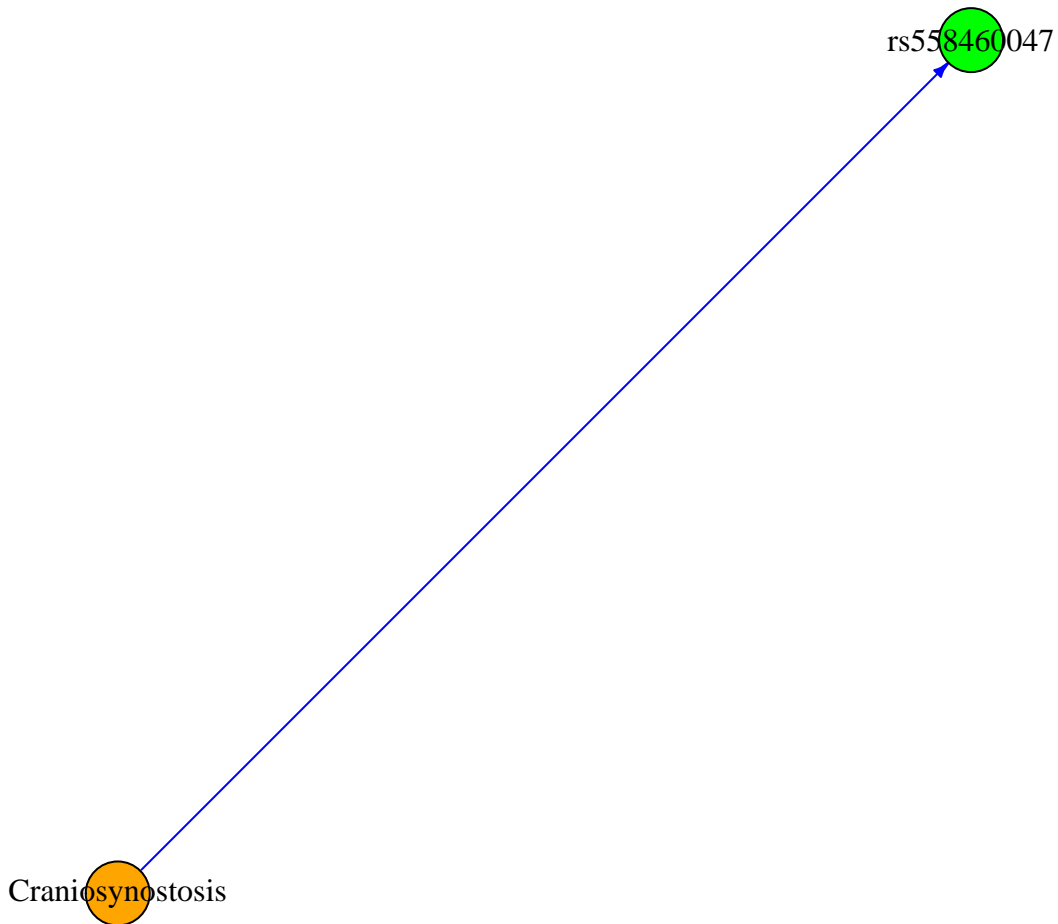
Variant–Disease Network (Cranioectodermal dysplasia)



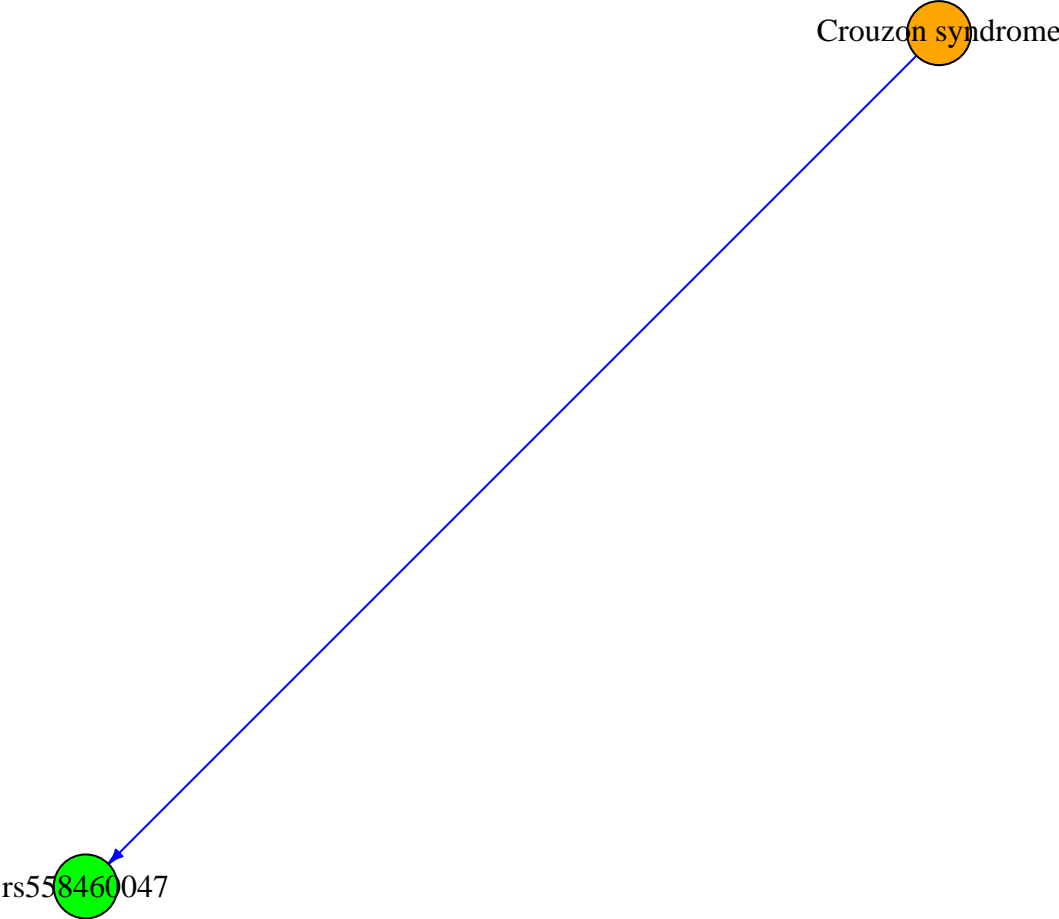
**Variant–Disease Network (Cranio metaphyseal dysplasia)**



## Variant-Disease Network (Craniosynostosis)

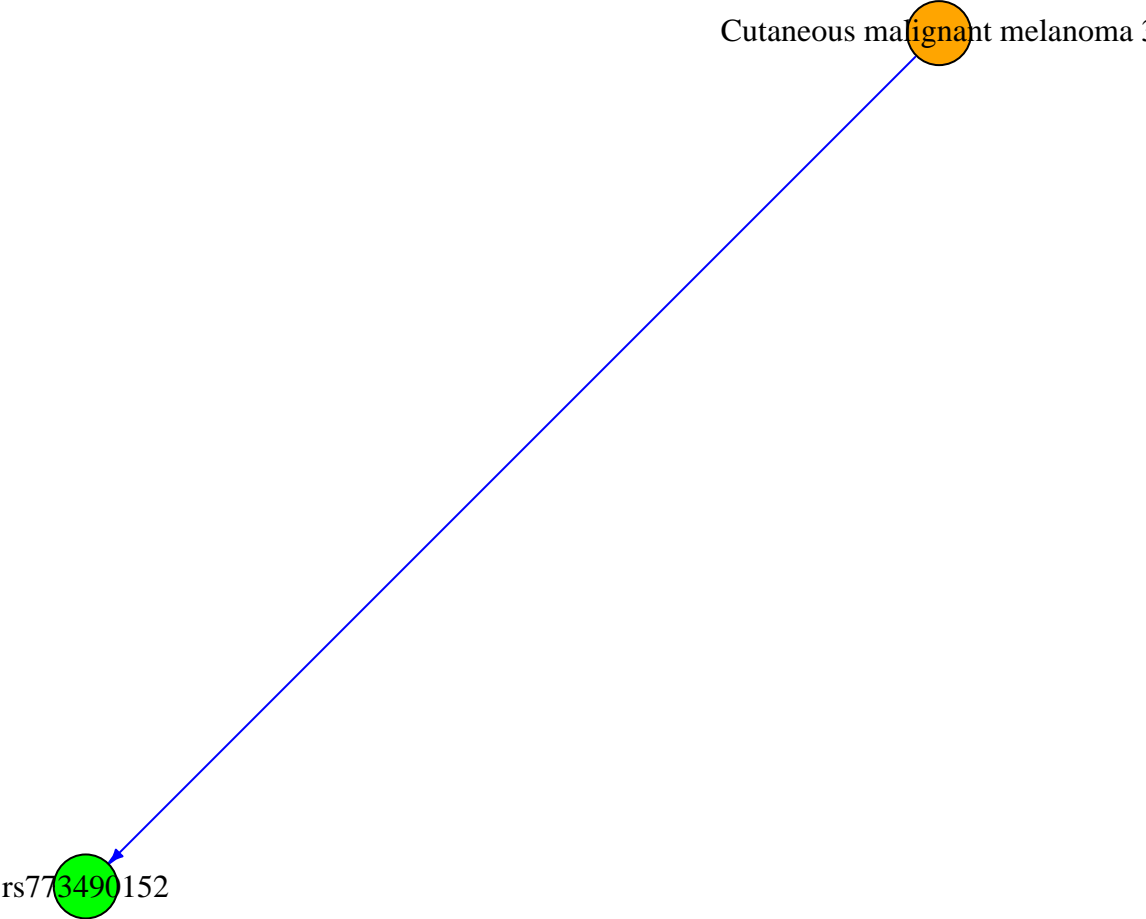


Variant–Disease Network (Crouzon syndrome)

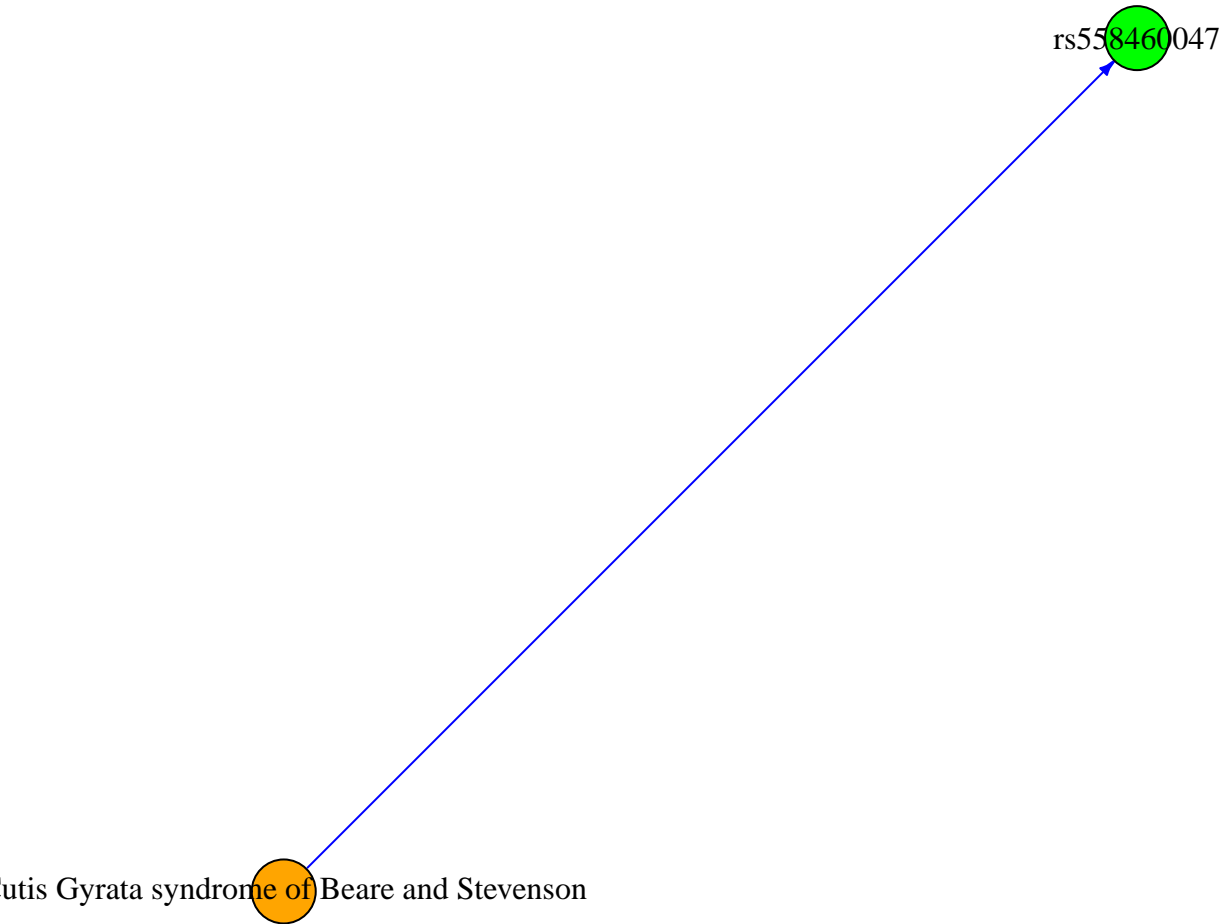




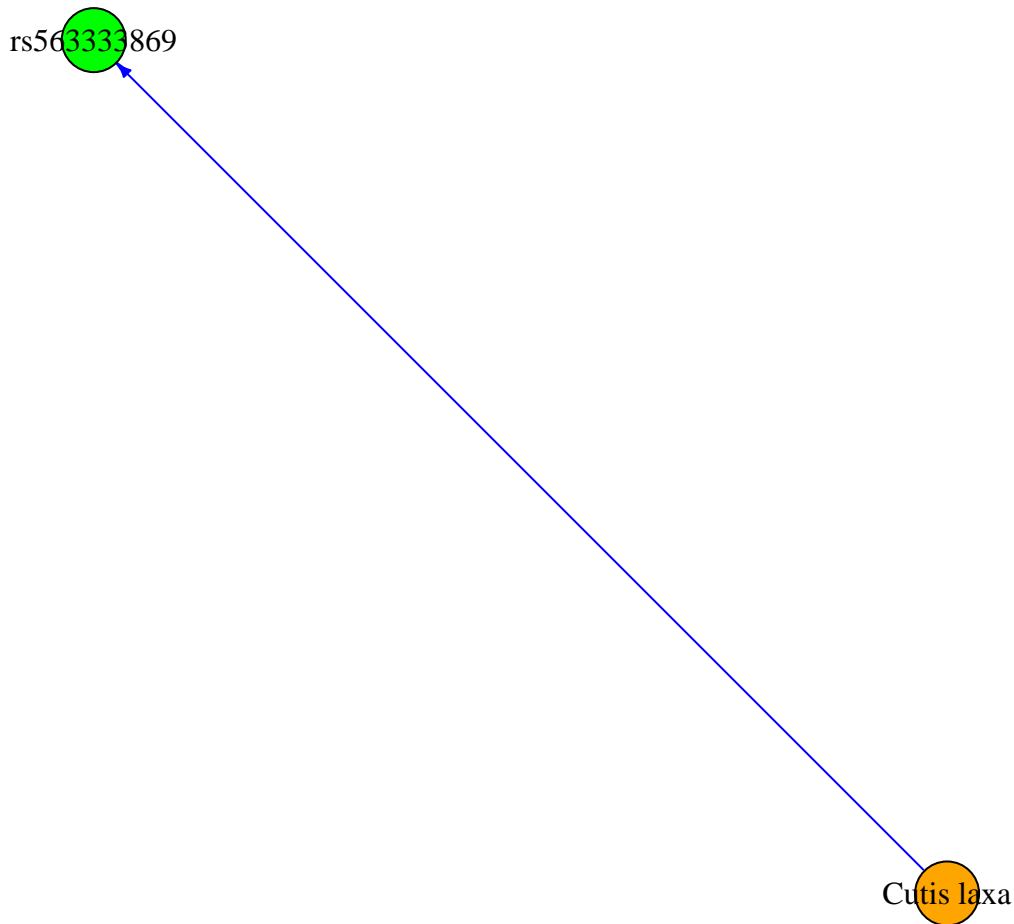
**Variant–Disease Network (Cutaneous malignant melanoma 3)**



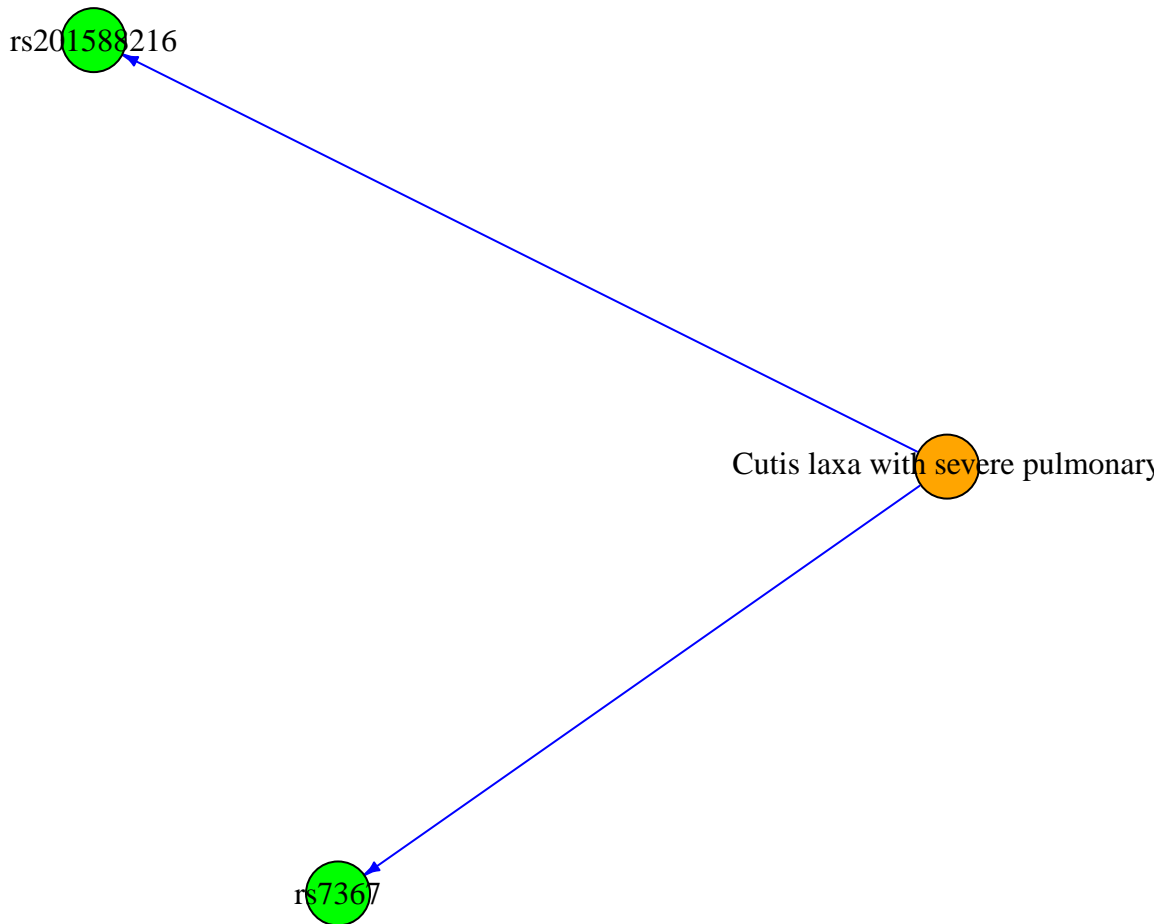
Variant–Disease Network (Cutis Gyrata syndrome of Beare and Stevenson)



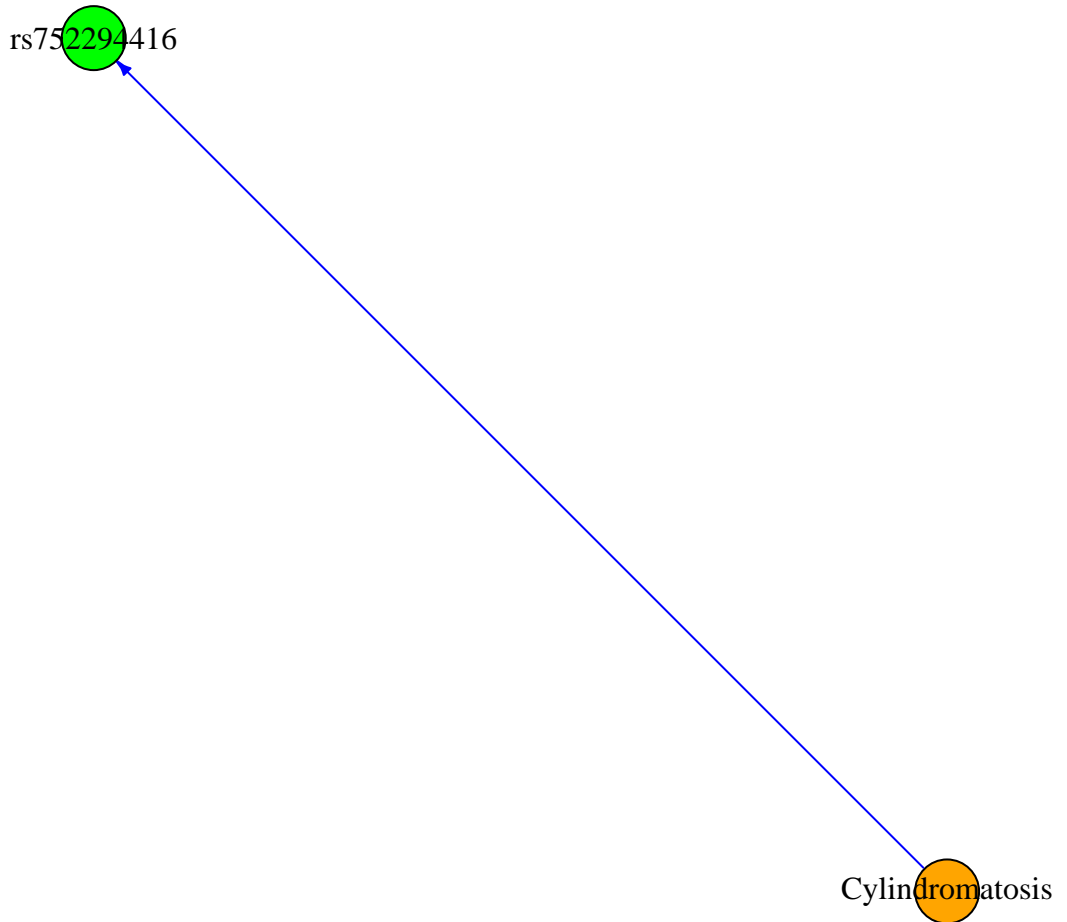
## Variant-Disease Network (Cutis laxa)



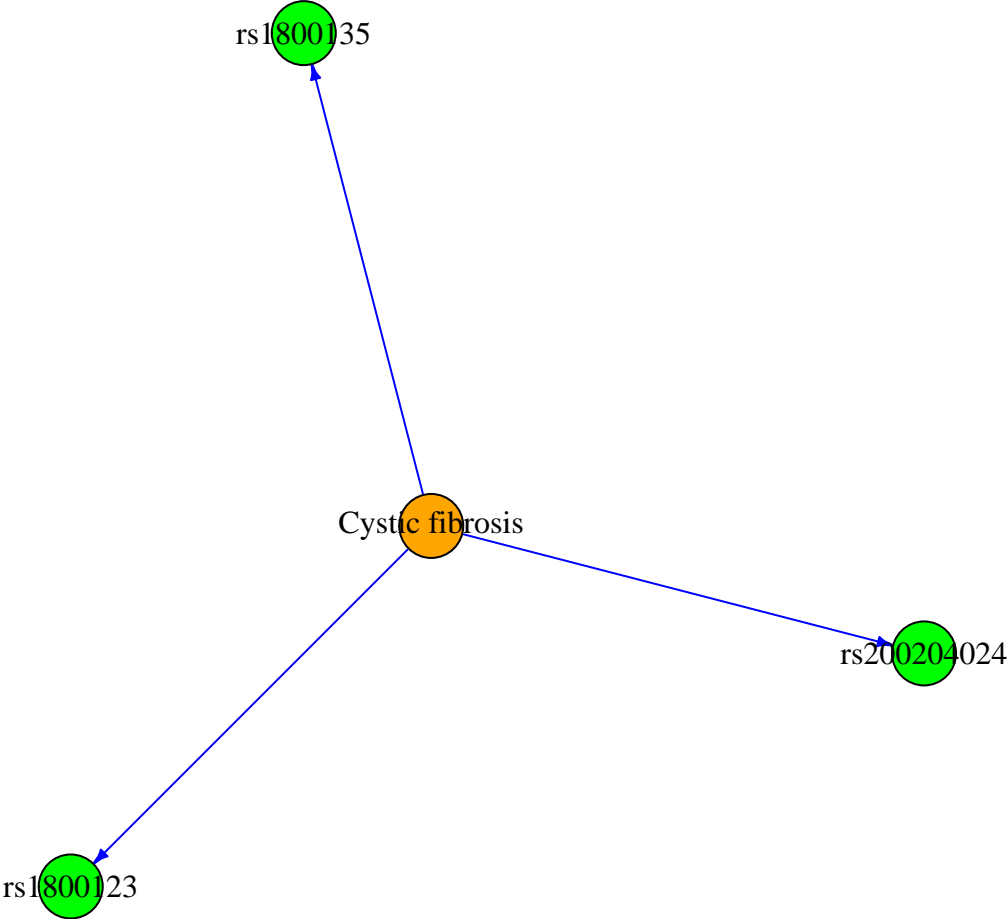
## Variant–Disease Network (Cutis laxa with severe pulmonary)



## Variant–Disease Network (Cylindromatosis)



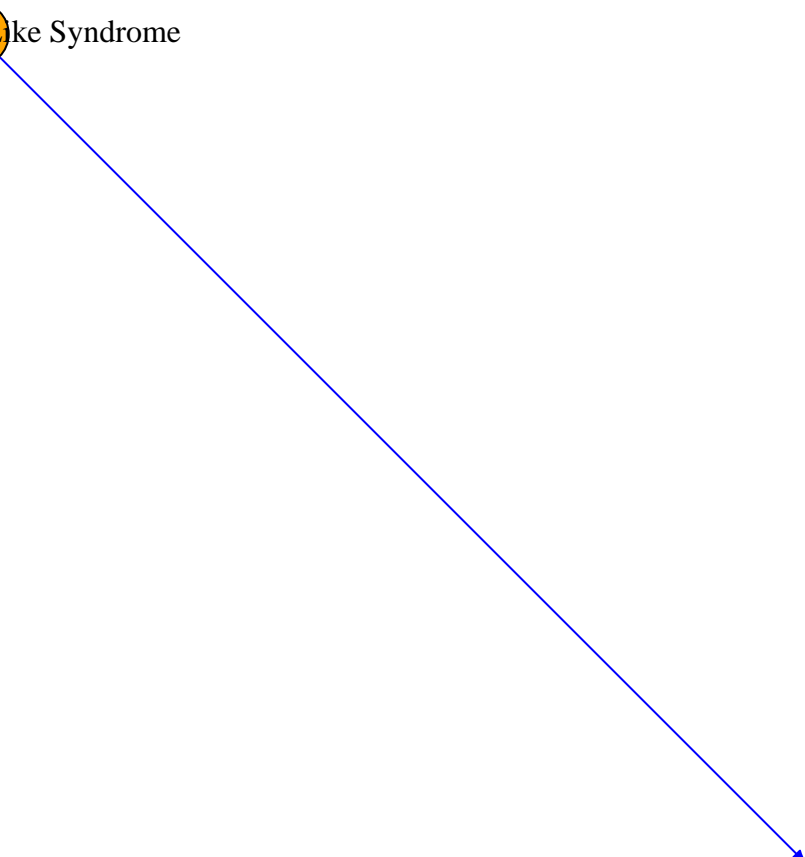
**Variant–Disease Network (Cystic fibrosis)**



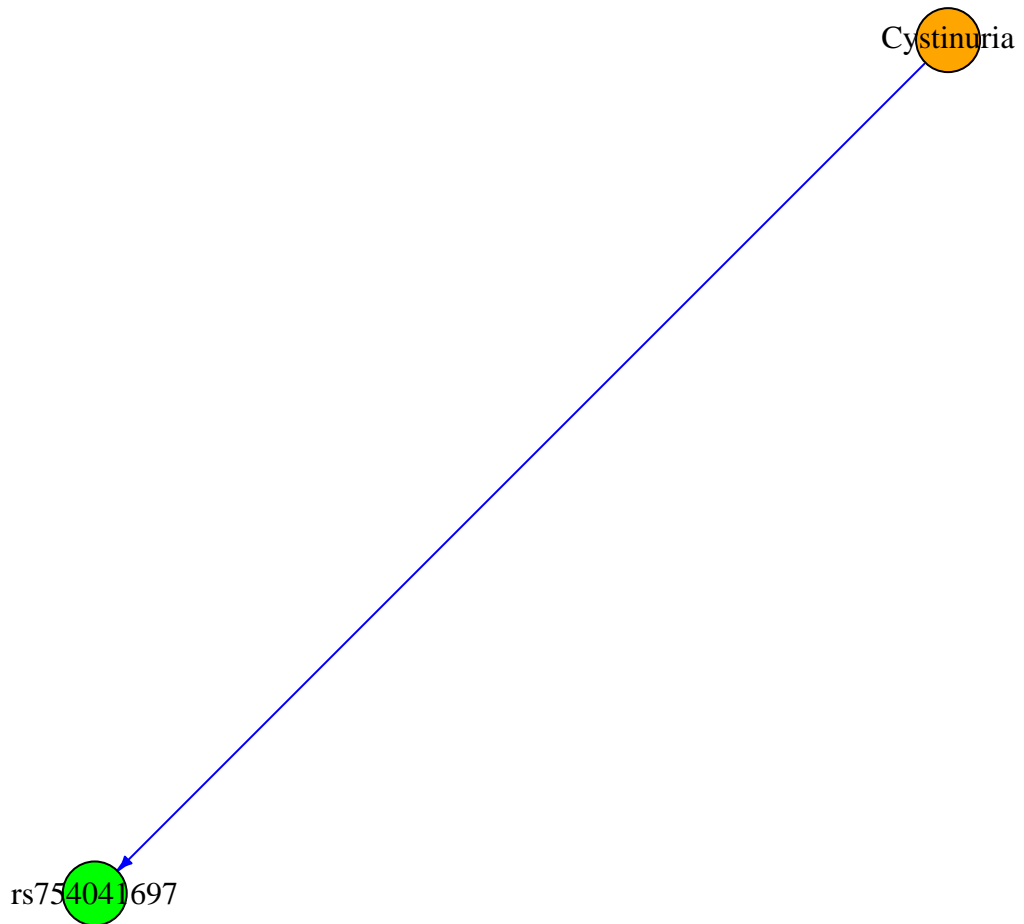
Variant–Disease Network (Cystic Fibrosis–Like Syndrome)

Cystic Fibrosis–Like Syndrome

rs61731141

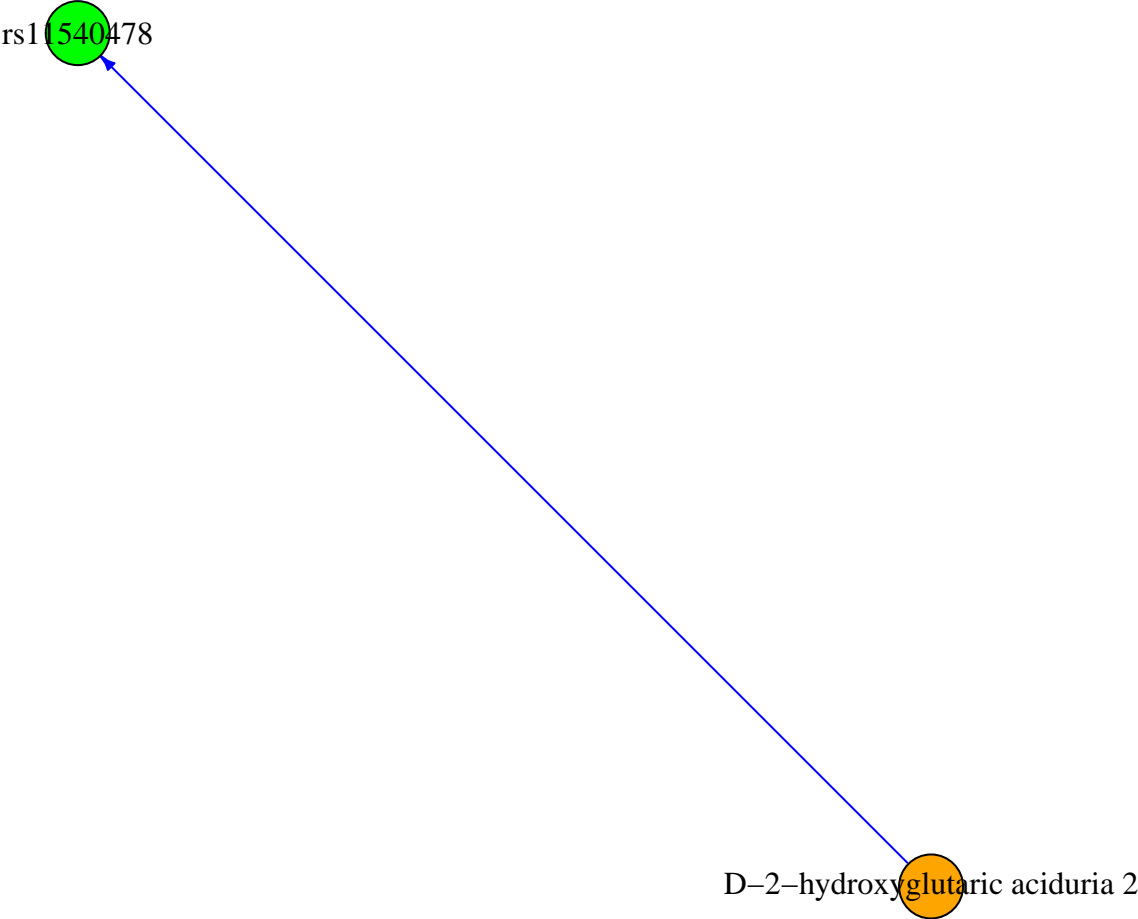


## Variant-Disease Network (Cystinuria)

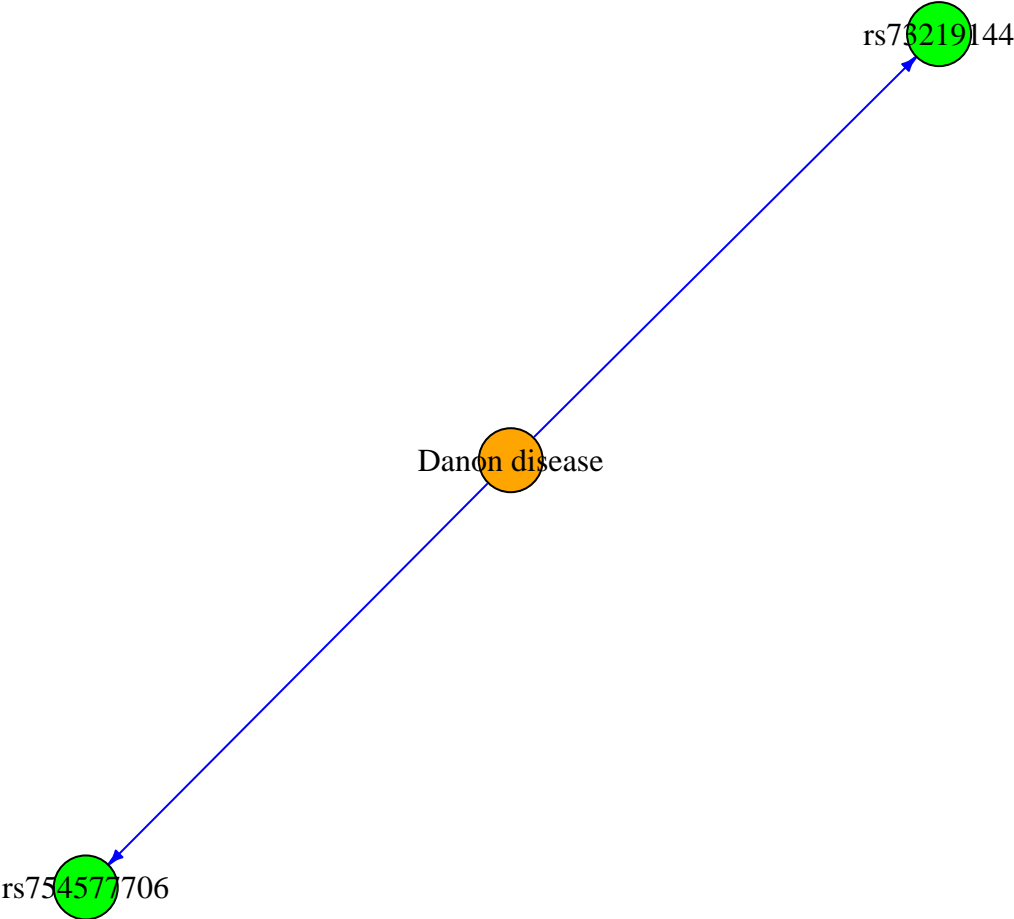




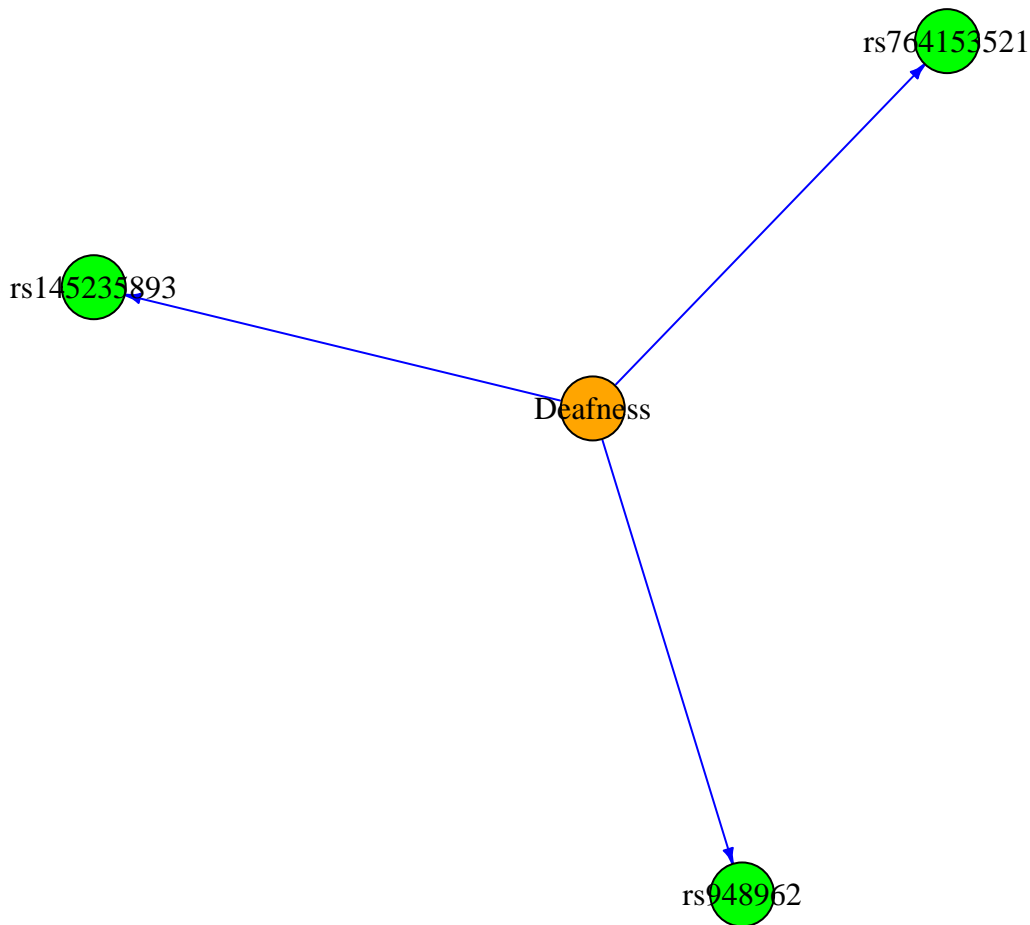
**Variant–Disease Network (D–2–hydroxyglutaric aciduria 2)**



Variant–Disease Network (Danon disease)

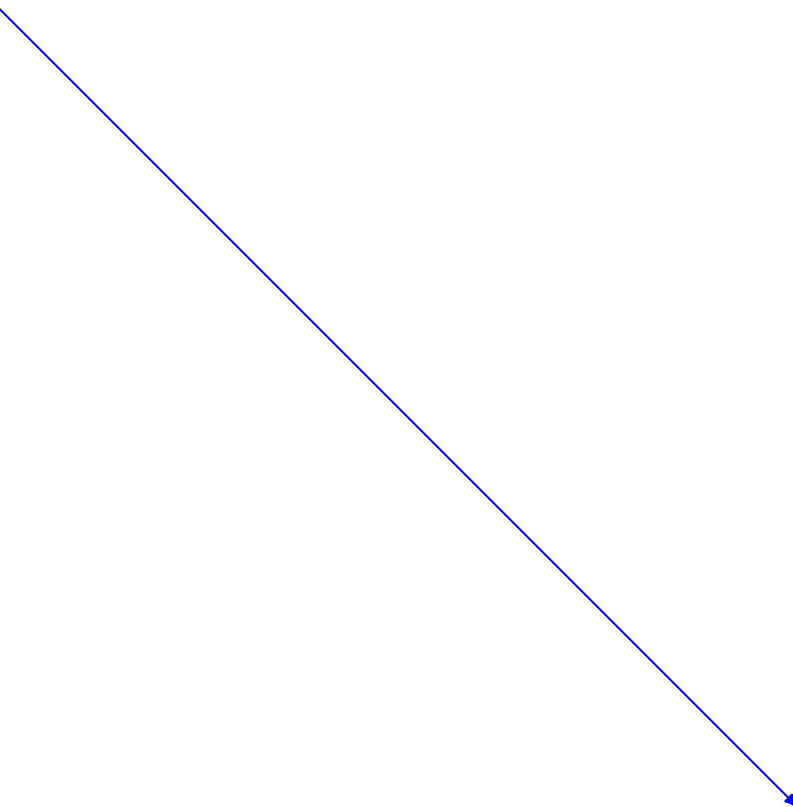


## Variant–Disease Network (Deafness)



Variant–Disease Network (Deficiency of 2-methylbutyryl–CoA dehydrogenase)

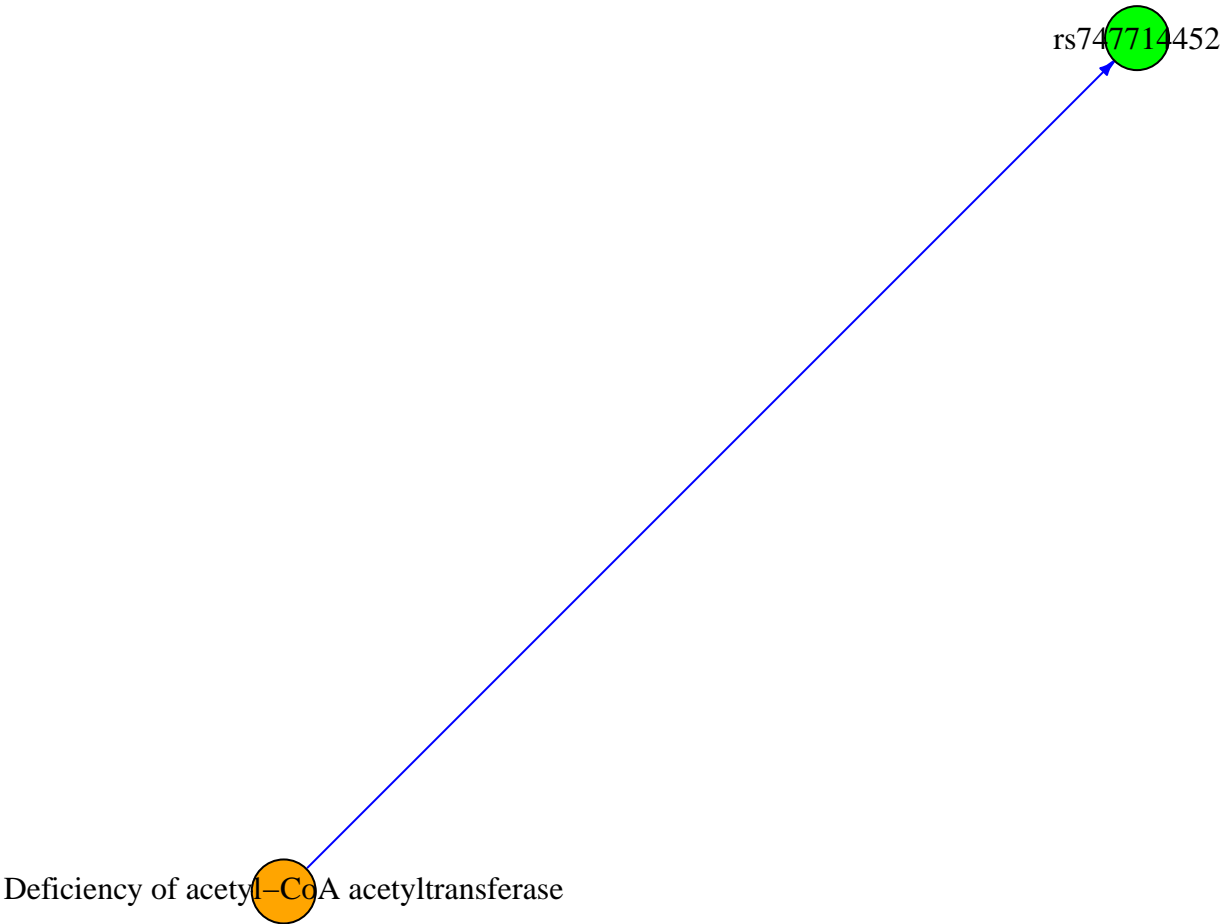
Deficiency of 2-methylbutyryl–CoA dehydrogenase



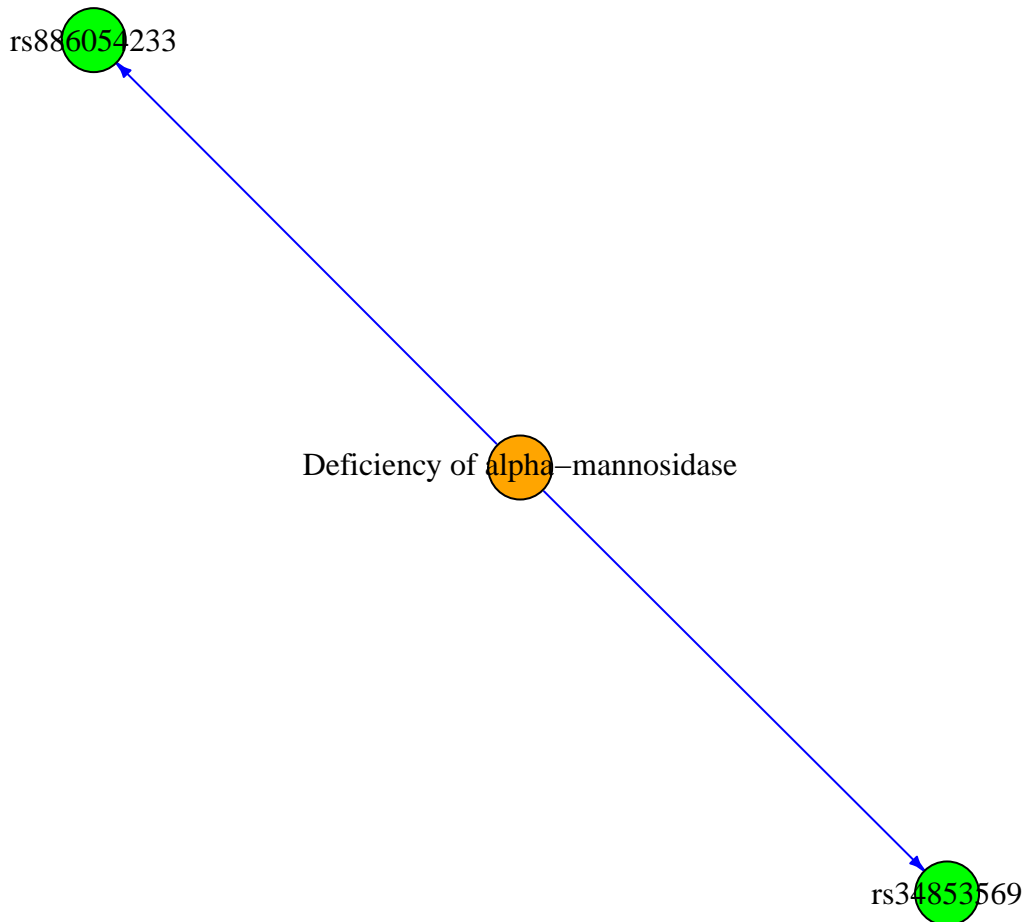
rs1140591



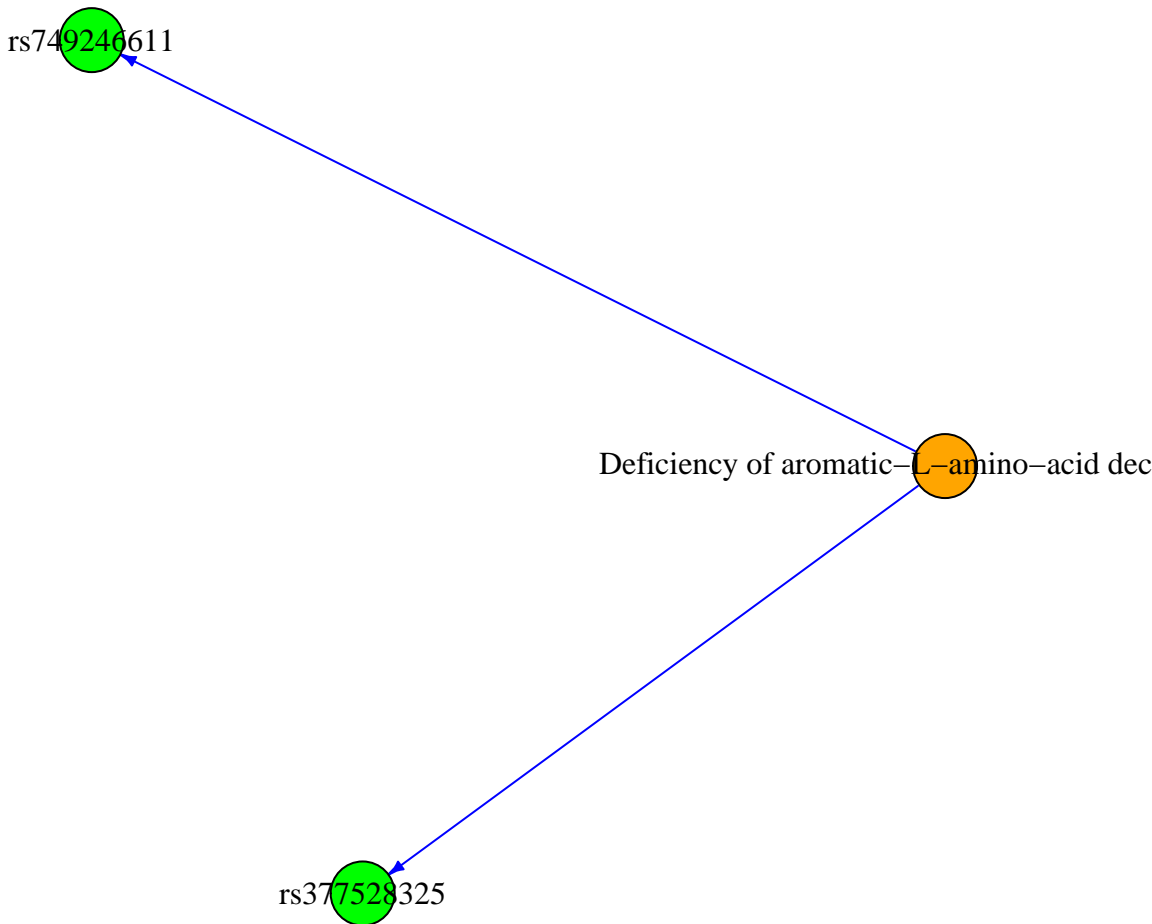
**Variant–Disease Network (Deficiency of acetyl–CoA acetyltransferase)**



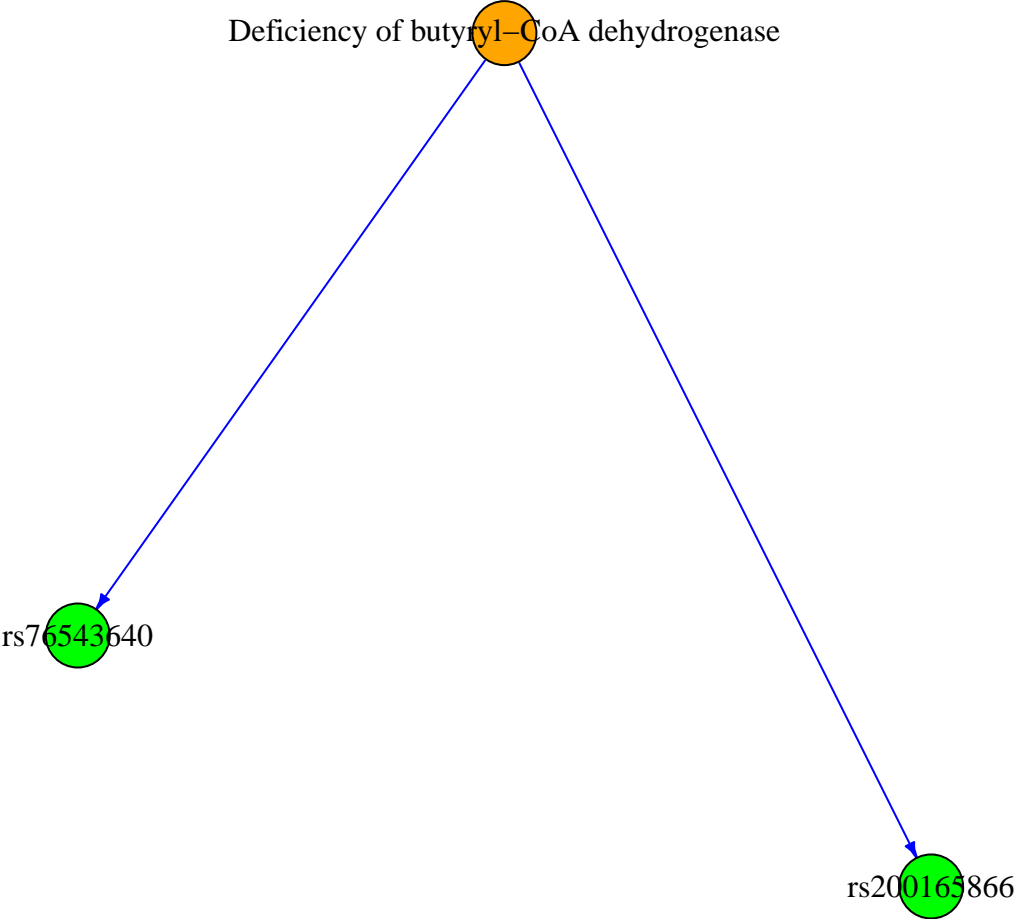
# Variant-Disease Network (Deficiency of alpha-mannosidase)



# Variant-Disease Network (Deficiency of aromatic-L-amino-acid decarboxylase)

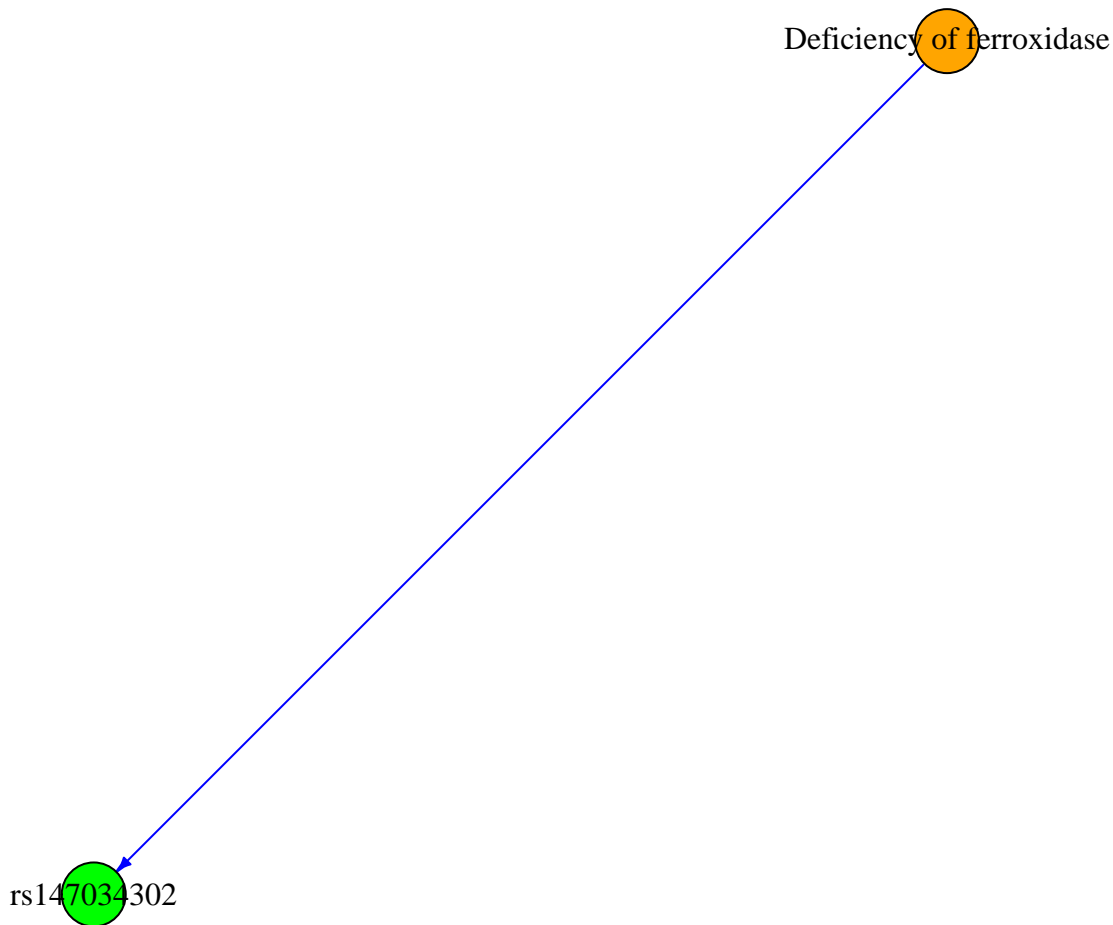


**Variant–Disease Network (Deficiency of butyryl–CoA dehydrogenase)**



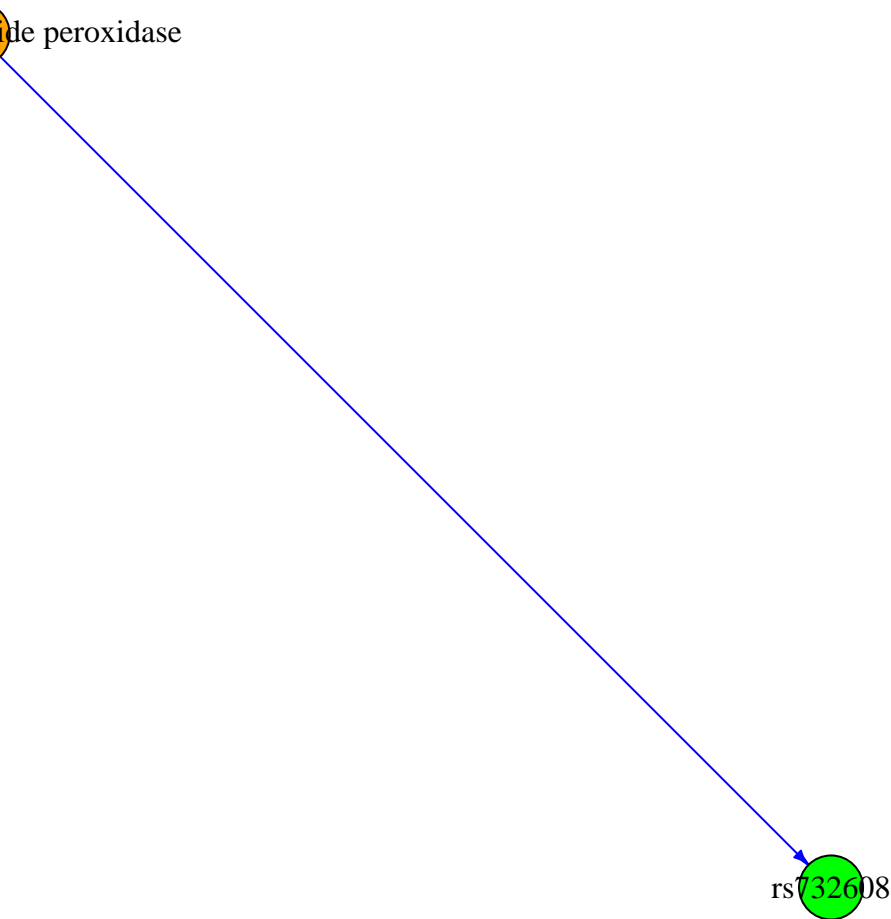


# Variant–Disease Network (Deficiency of ferroxidase)

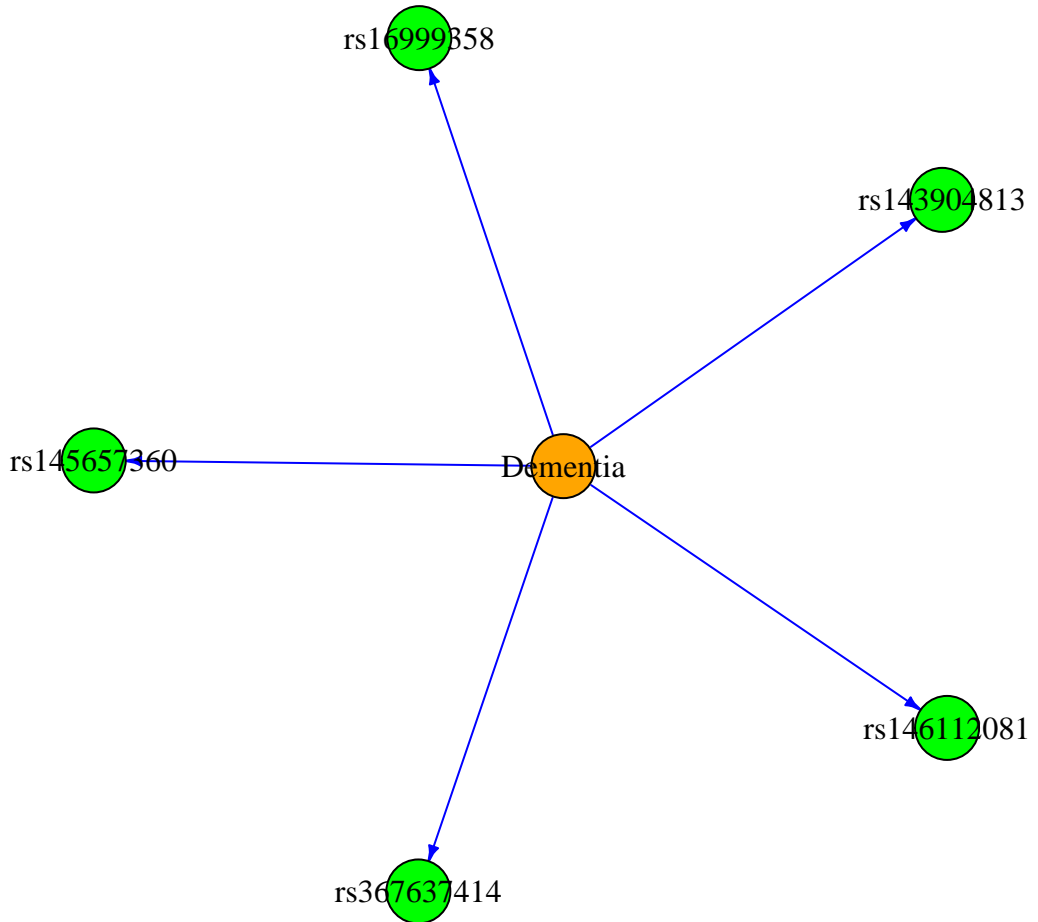


**Variant–Disease Network (Deficiency of iodide peroxidase)**

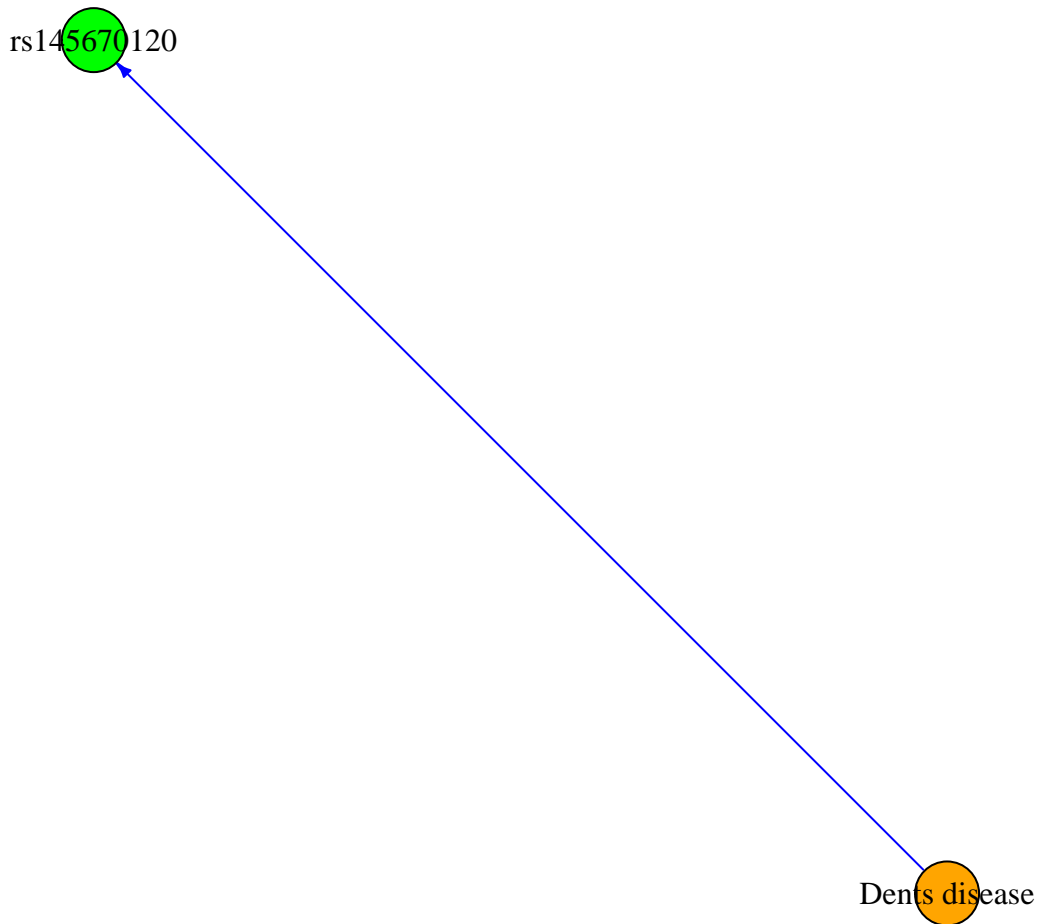
Deficiency of iodide peroxidase



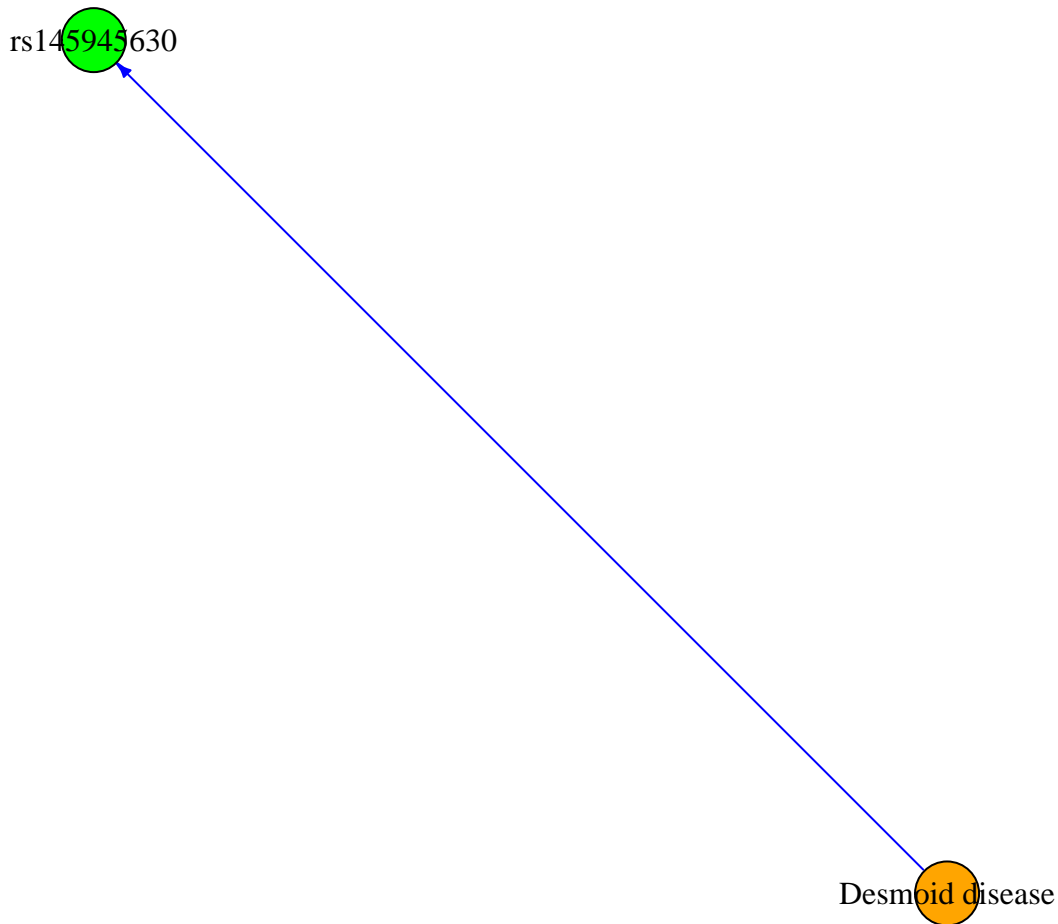
## Variant–Disease Network (Dementia)



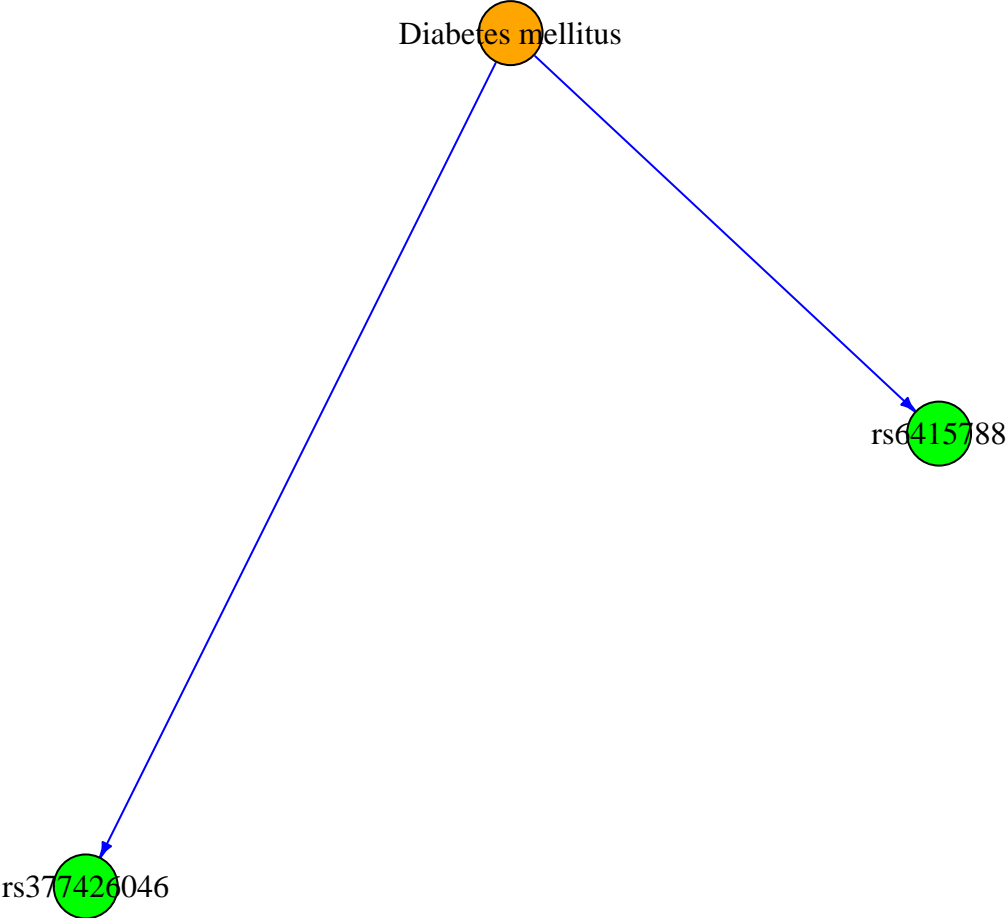
## Variant-Disease Network (Dents disease)



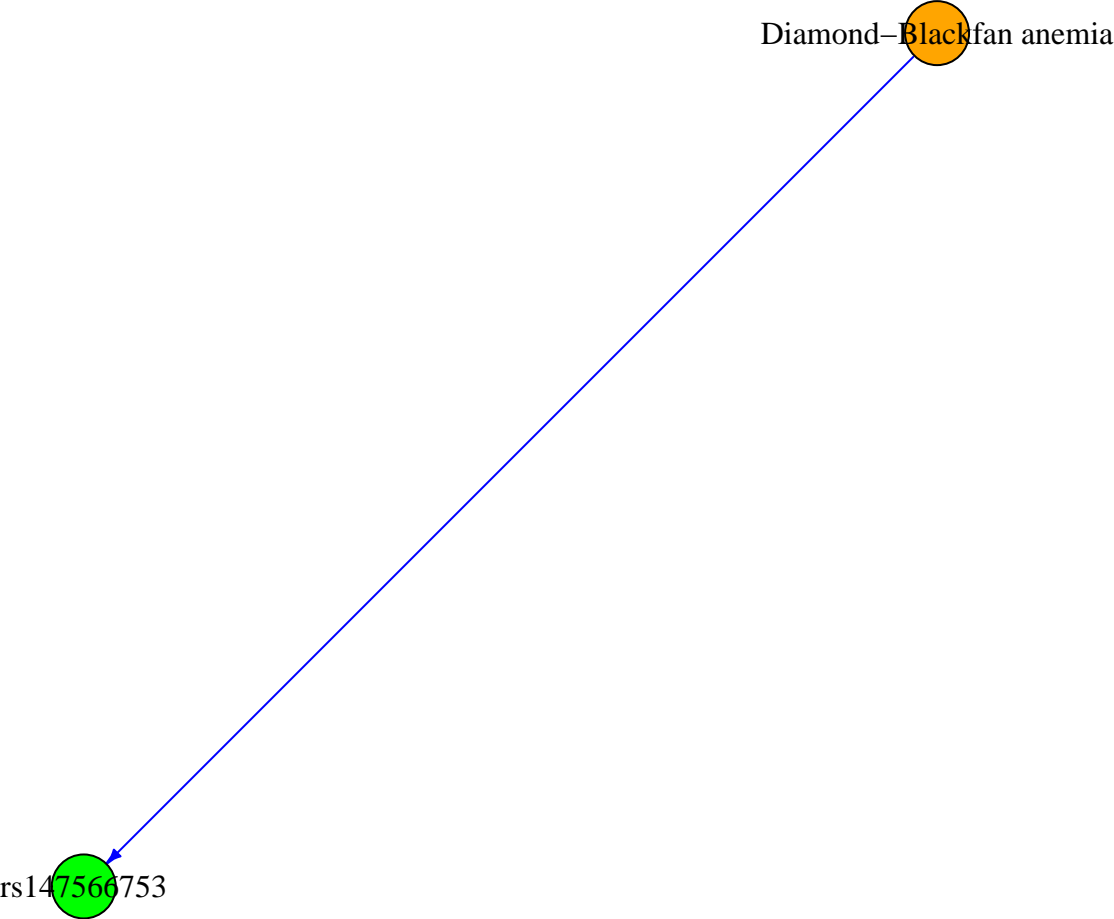
## Variant-Disease Network (Desmoid disease)



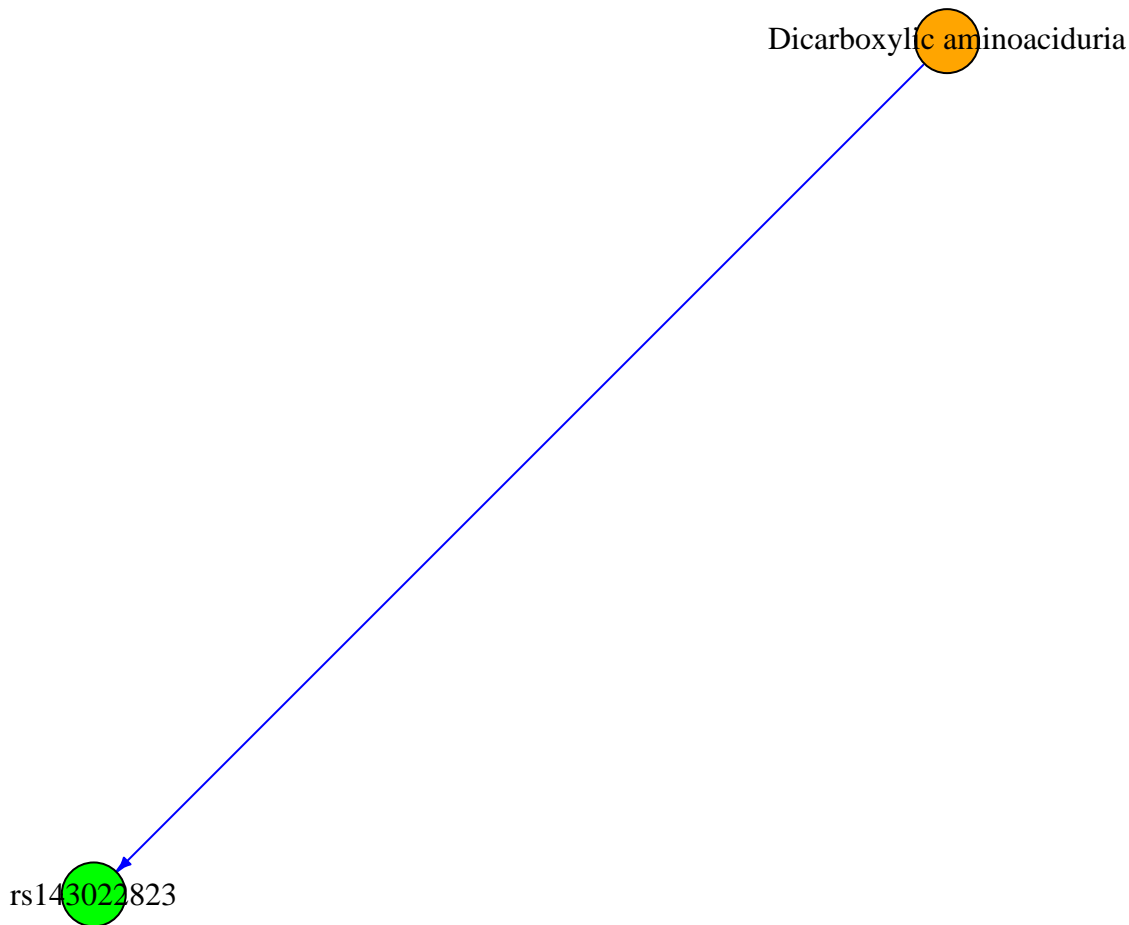
Variant–Disease Network (Diabetes mellitus)



**Variant–Disease Network (Diamond–Blackfan anemia)**



## Variant–Disease Network (Dicarboxylic aminoaciduria)

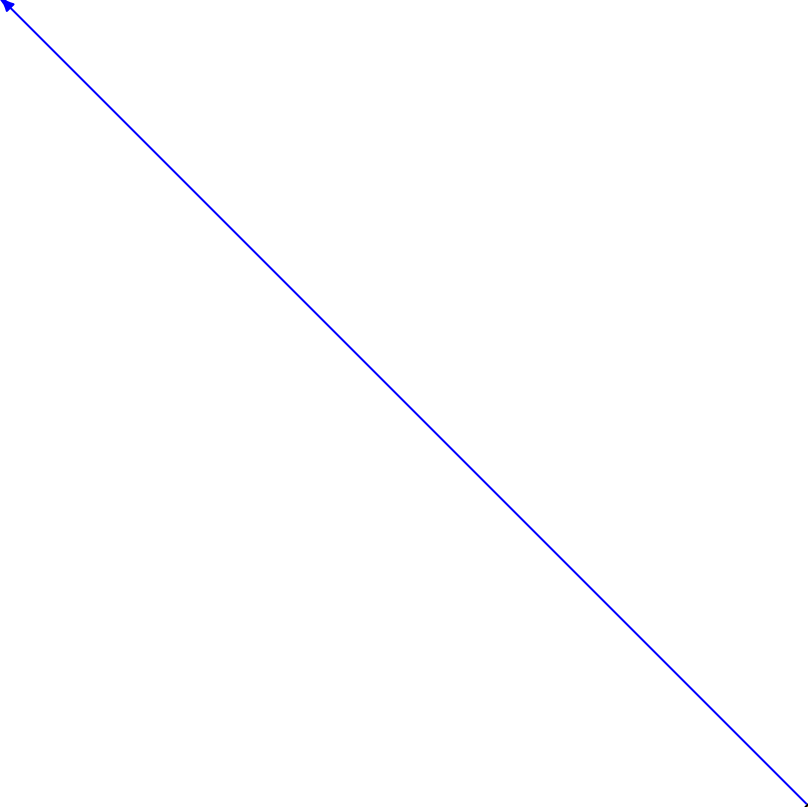




# Disease Network (DICER1-related pleuropulmonary blastoma cancer predispos

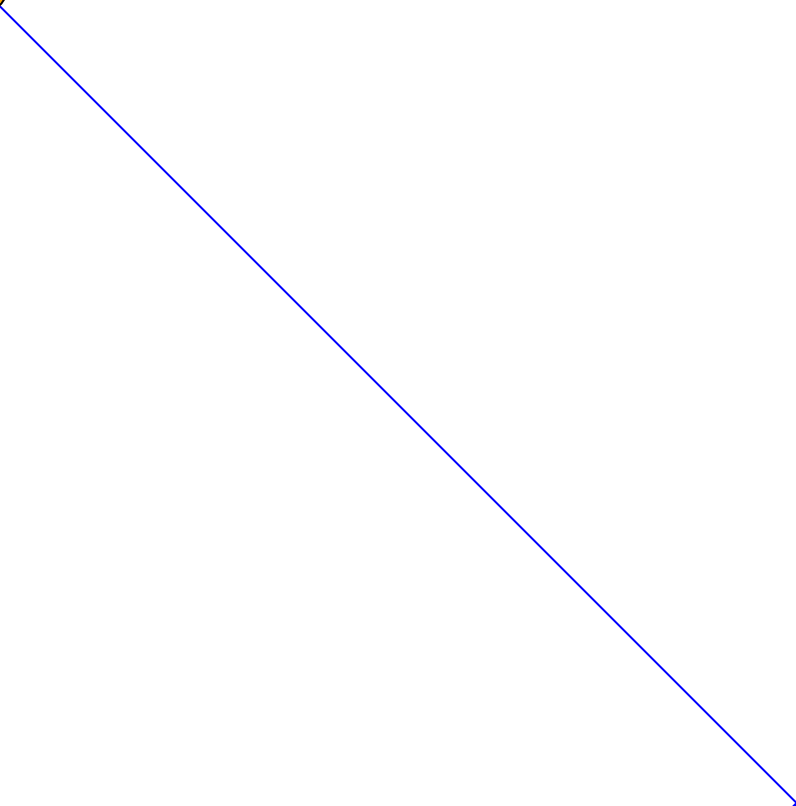
rs764827361

DICER1-related pleuropulmonary blastoma cancer pr



## Variant-Disease Network (Dihydropyrimidinase deficiency)

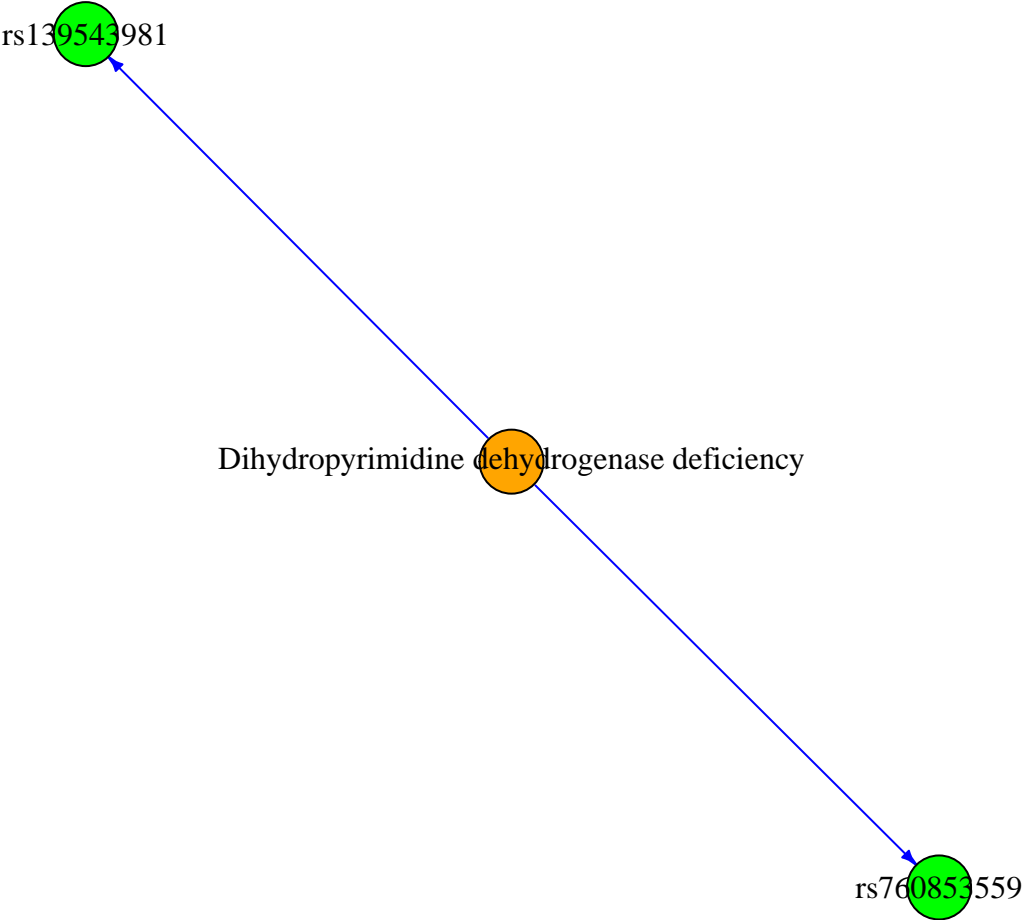
Dihydropyrimidinase deficiency



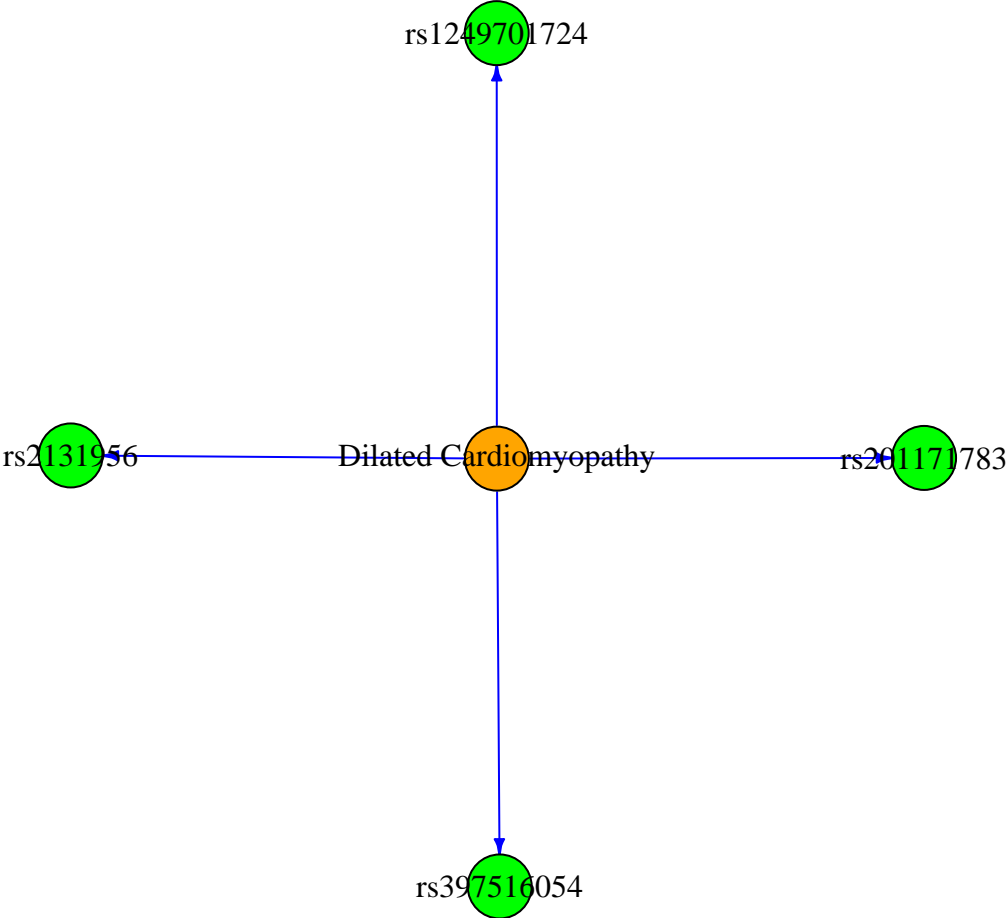
rs75490773



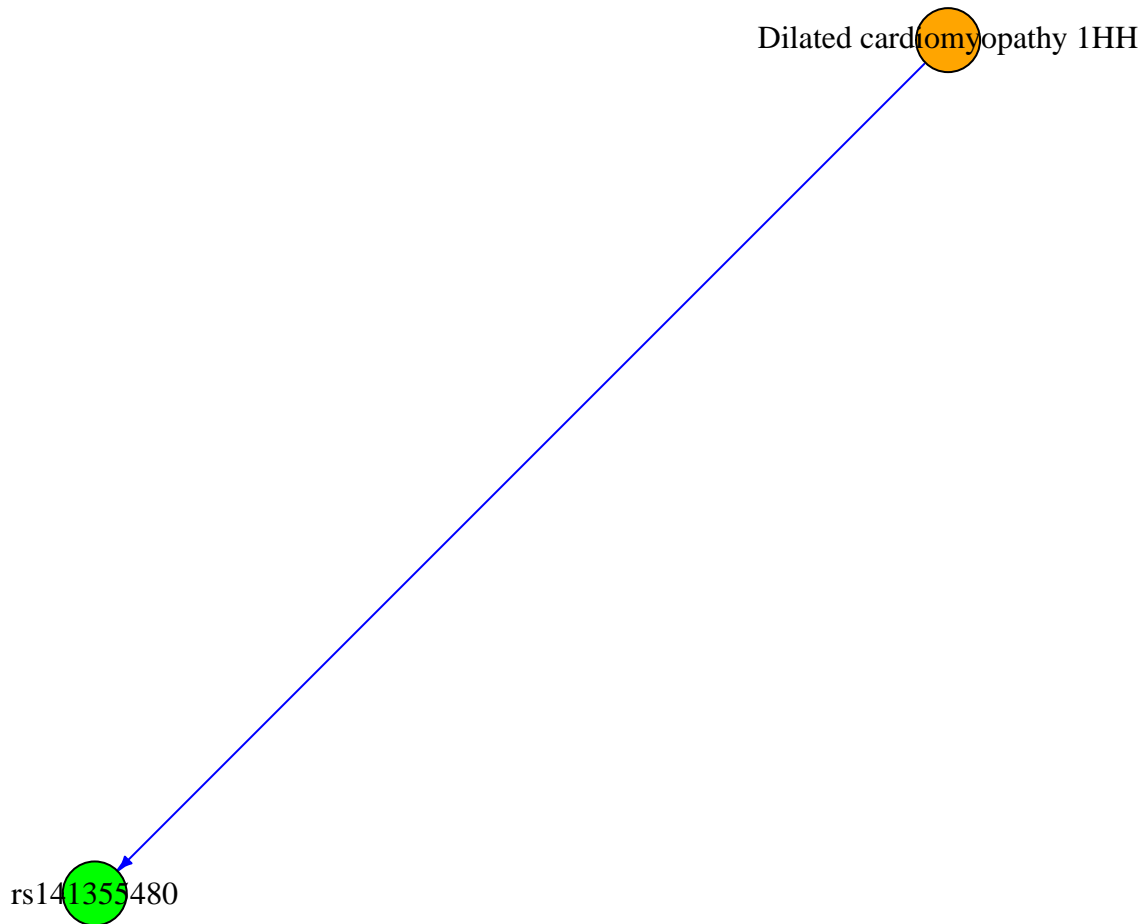
**Variant–Disease Network (Dihydropyrimidine dehydrogenase deficiency)**



Variant–Disease Network (Dilated Cardiomyopathy)



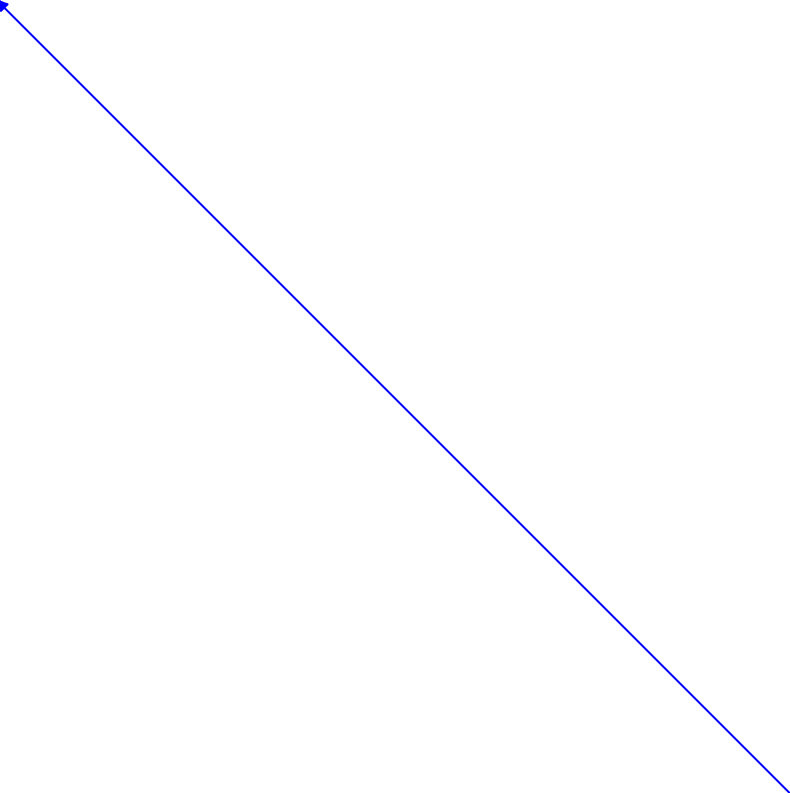
## Variant–Disease Network (Dilated cardiomyopathy 1HH)



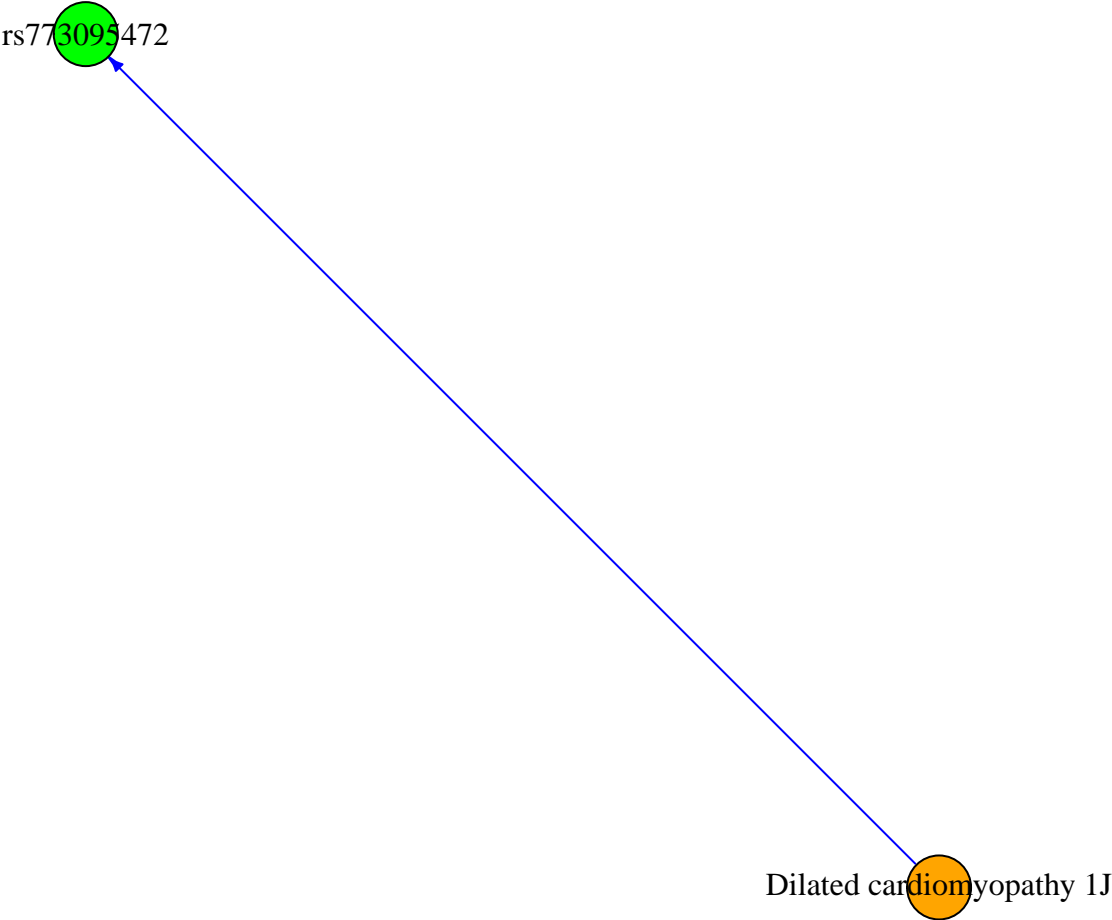
**Variant–Disease Network (Dilated cardiomyopathy 1II)**

rs147970333

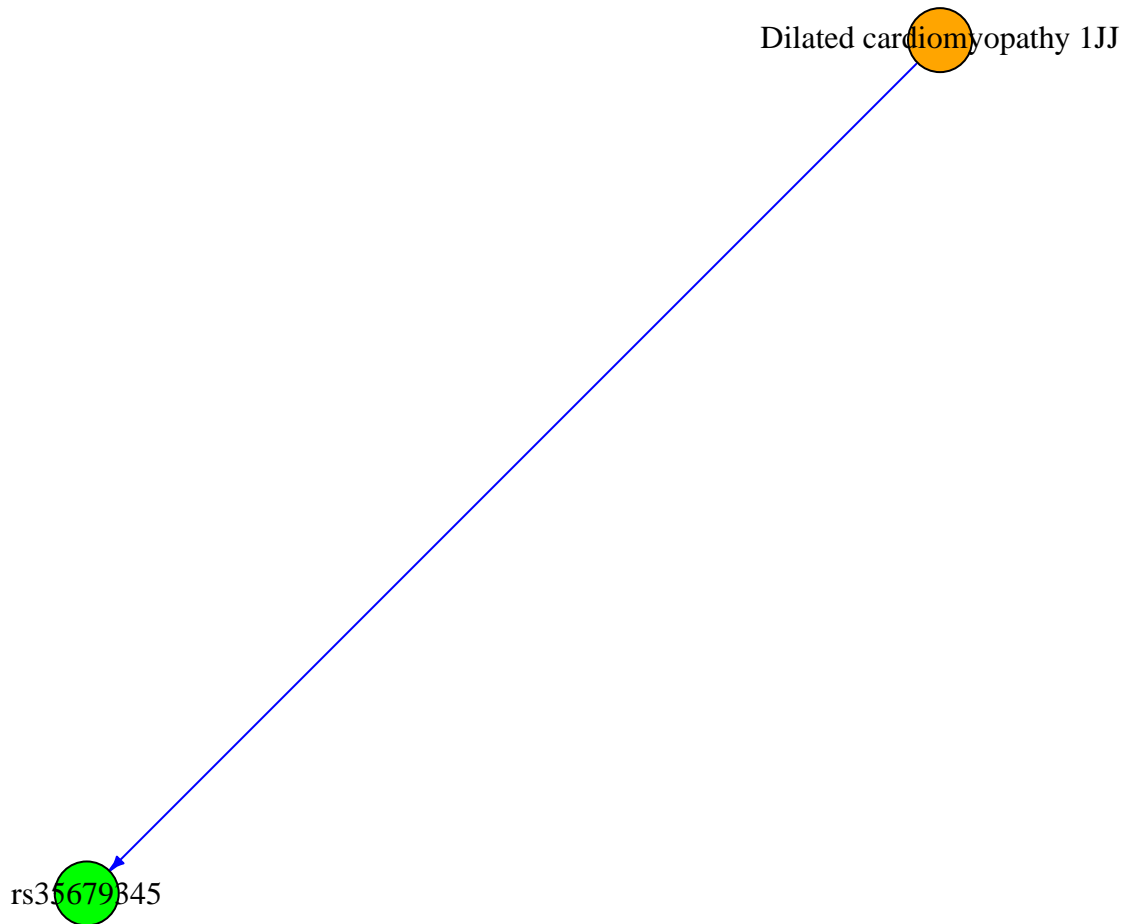
Dilated cardiomyopathy 1II



**Variant–Disease Network (Dilated cardiomyopathy 1J)**

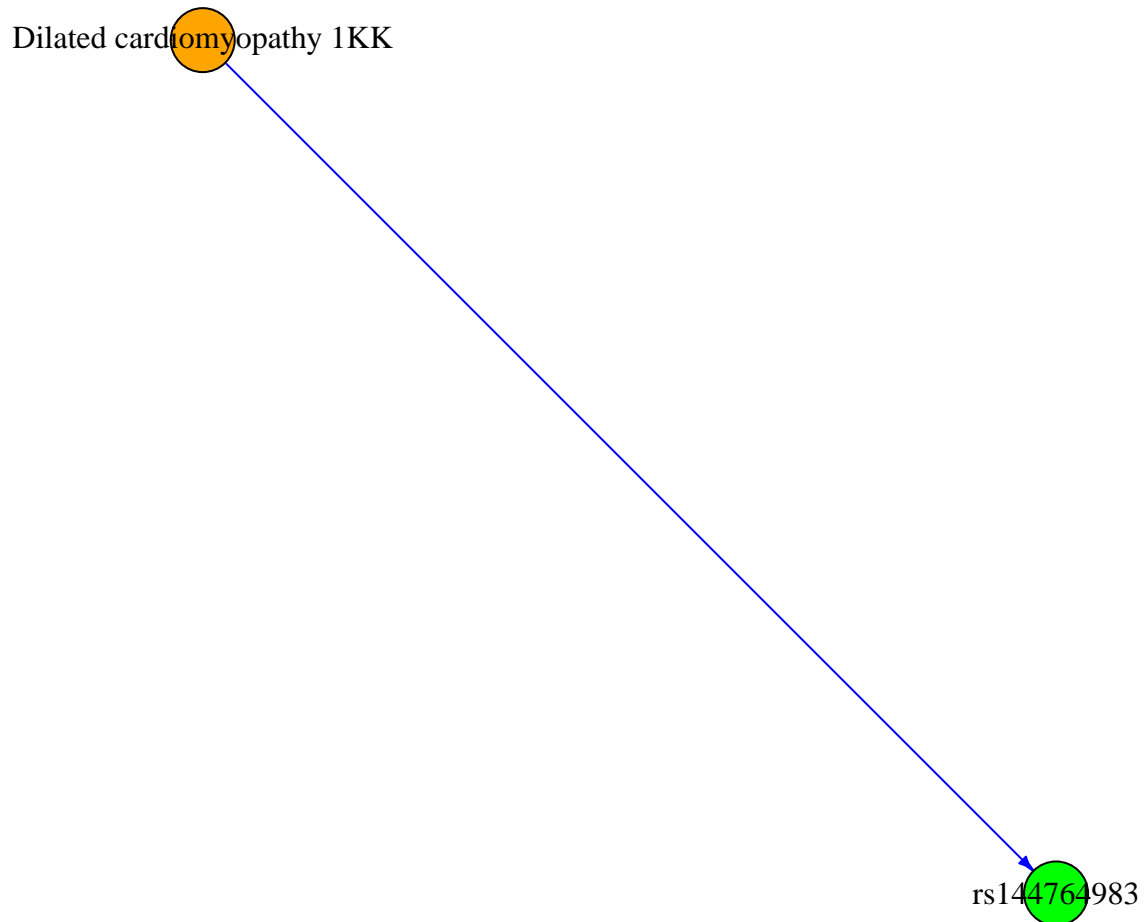


## Variant–Disease Network (Dilated cardiomyopathy 1JJ)

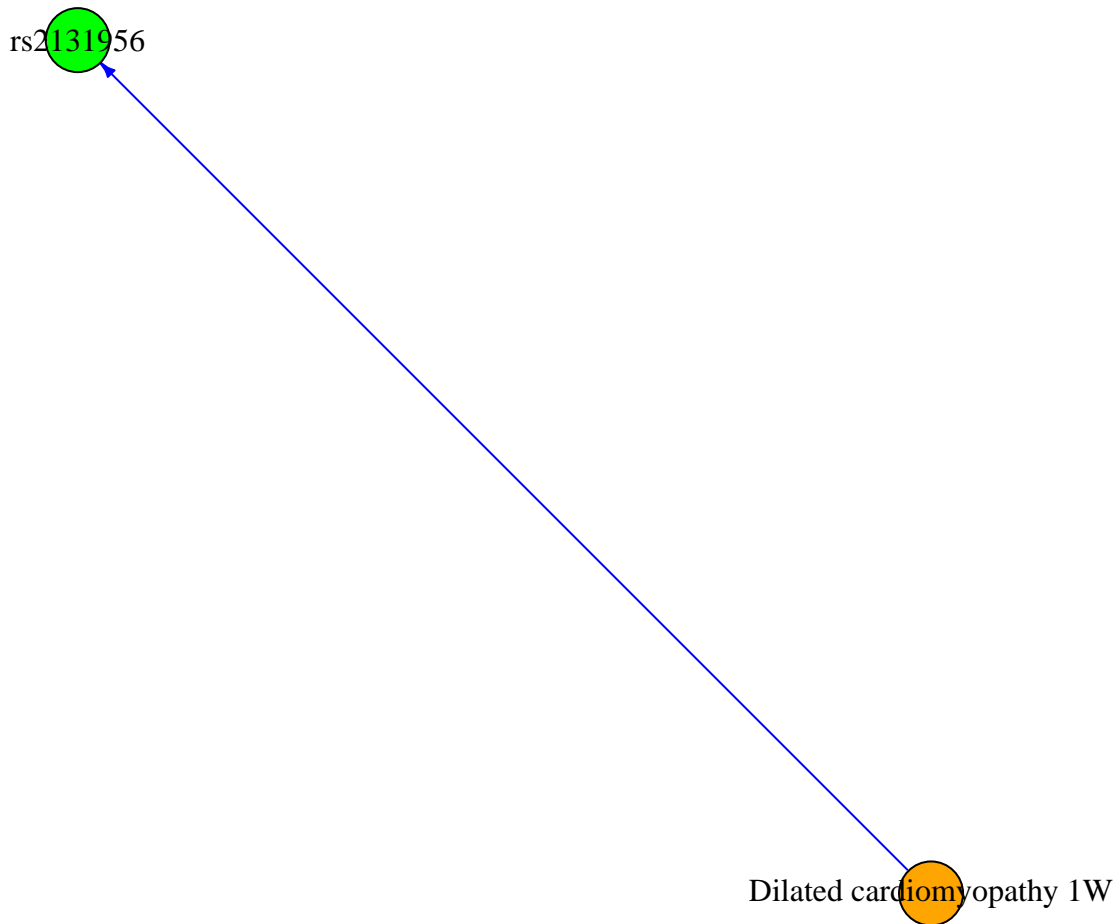




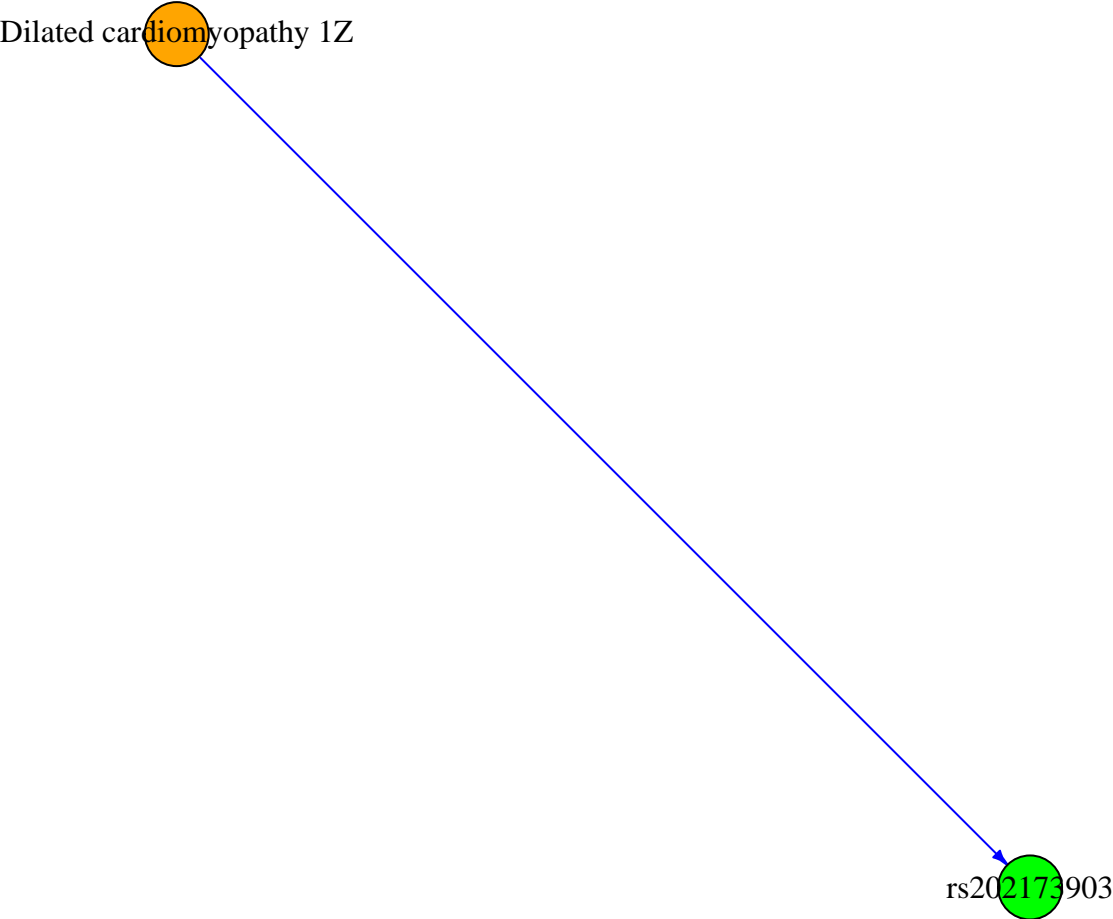
## Variant–Disease Network (Dilated cardiomyopathy 1KK)



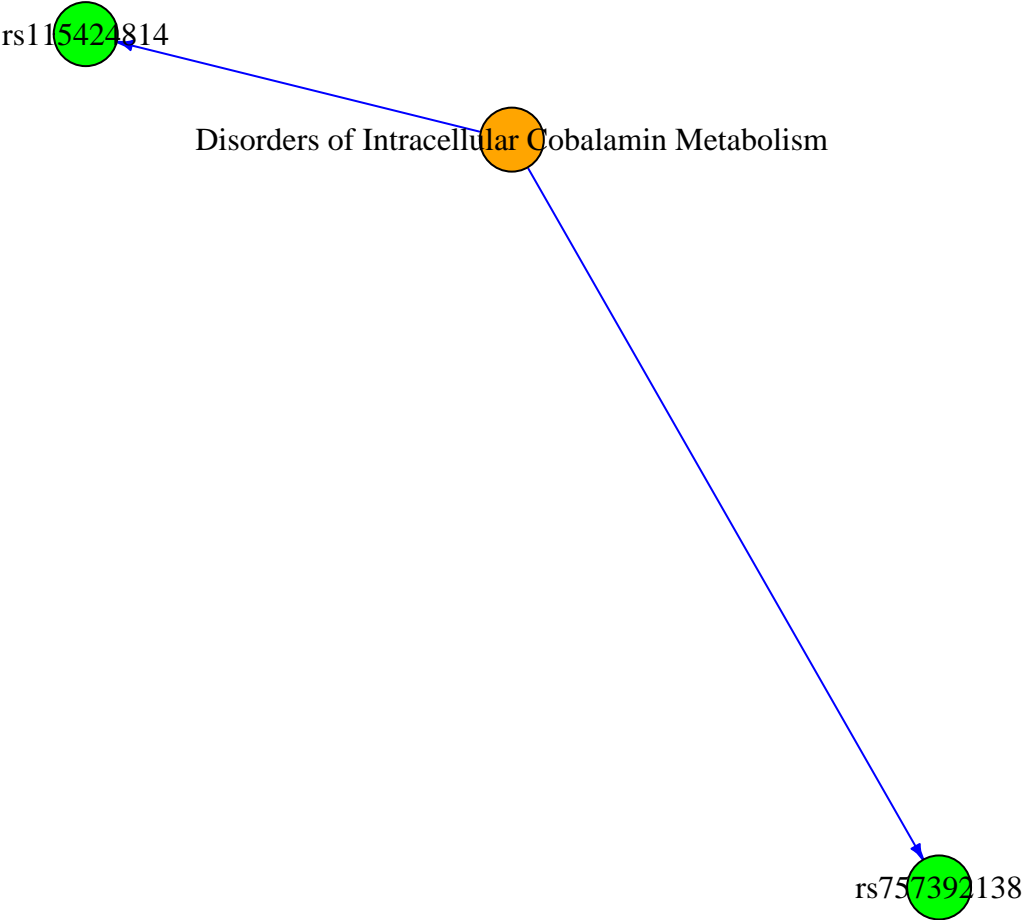
## Variant–Disease Network (Dilated cardiomyopathy 1W)



**Variant–Disease Network (Dilated cardiomyopathy 1Z)**

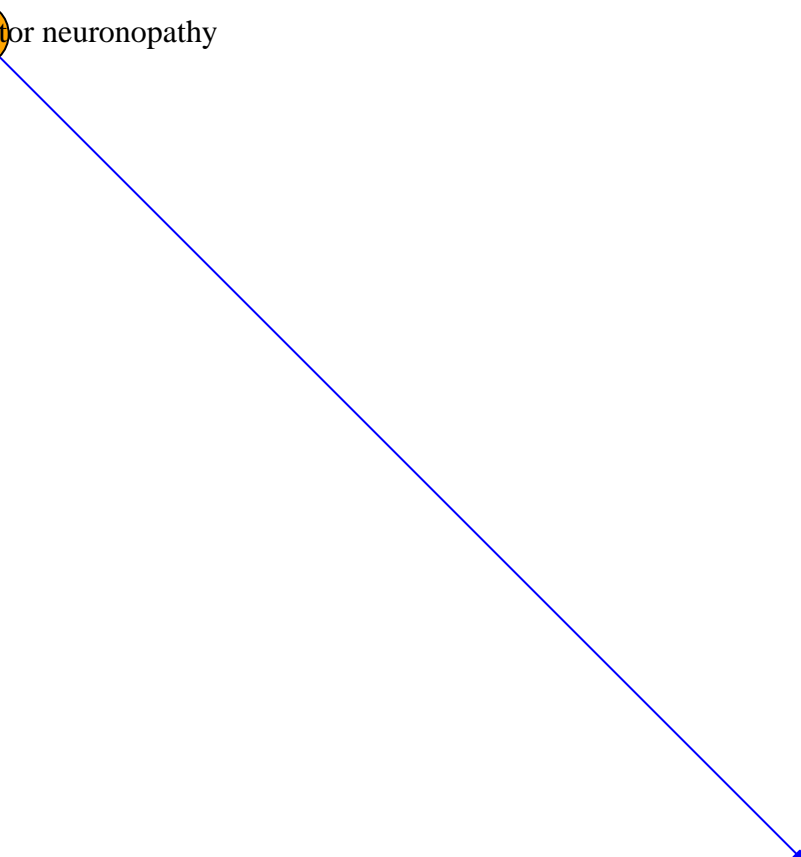


Variant–Disease Network (Disorders of Intracellular Cobalamin Metabolism)



Variant–Disease Network (Distal hereditary motor neuropathy)

Distal hereditary motor neuropathy



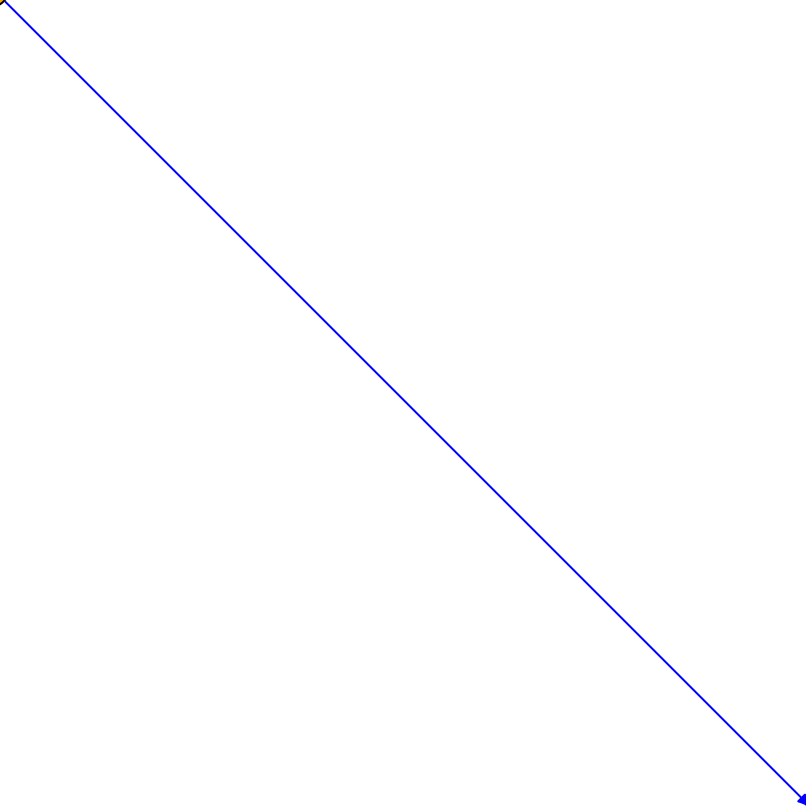
rs367560285

# Variant–Disease Network (Distal hereditary motor neuropathy type 5)

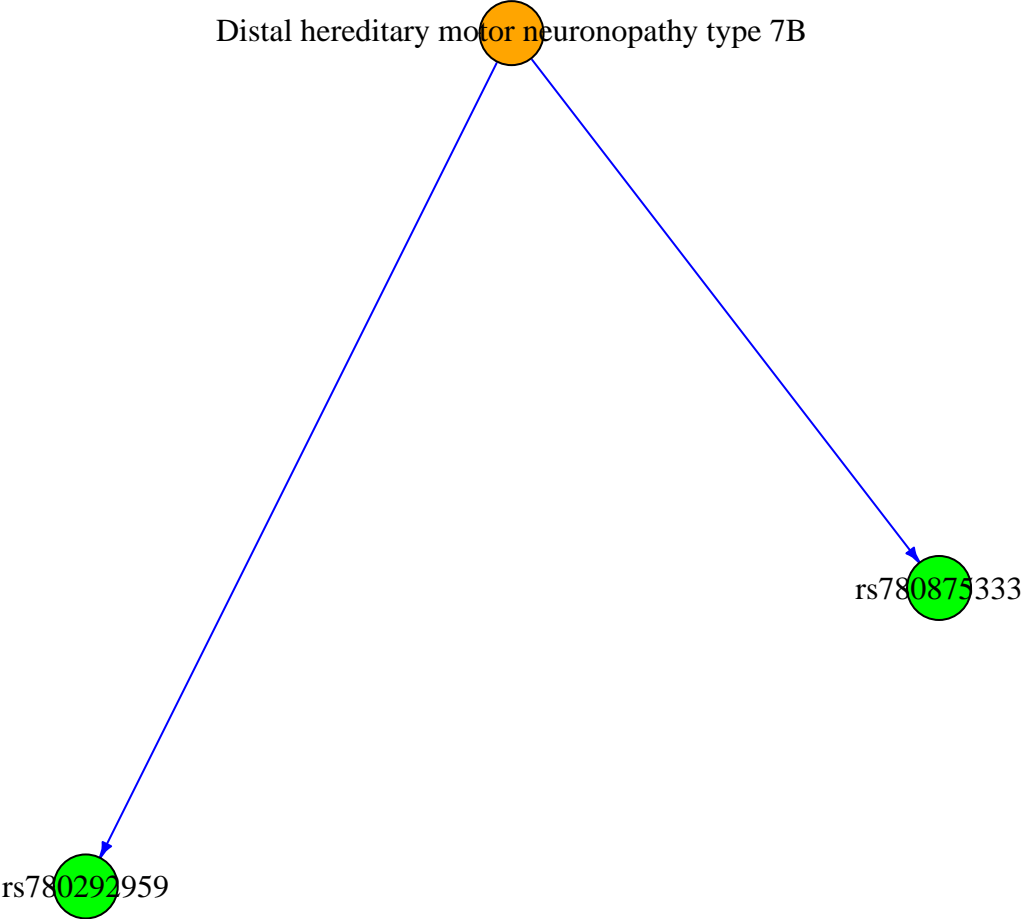
Distal hereditary motor neuropathy type 5



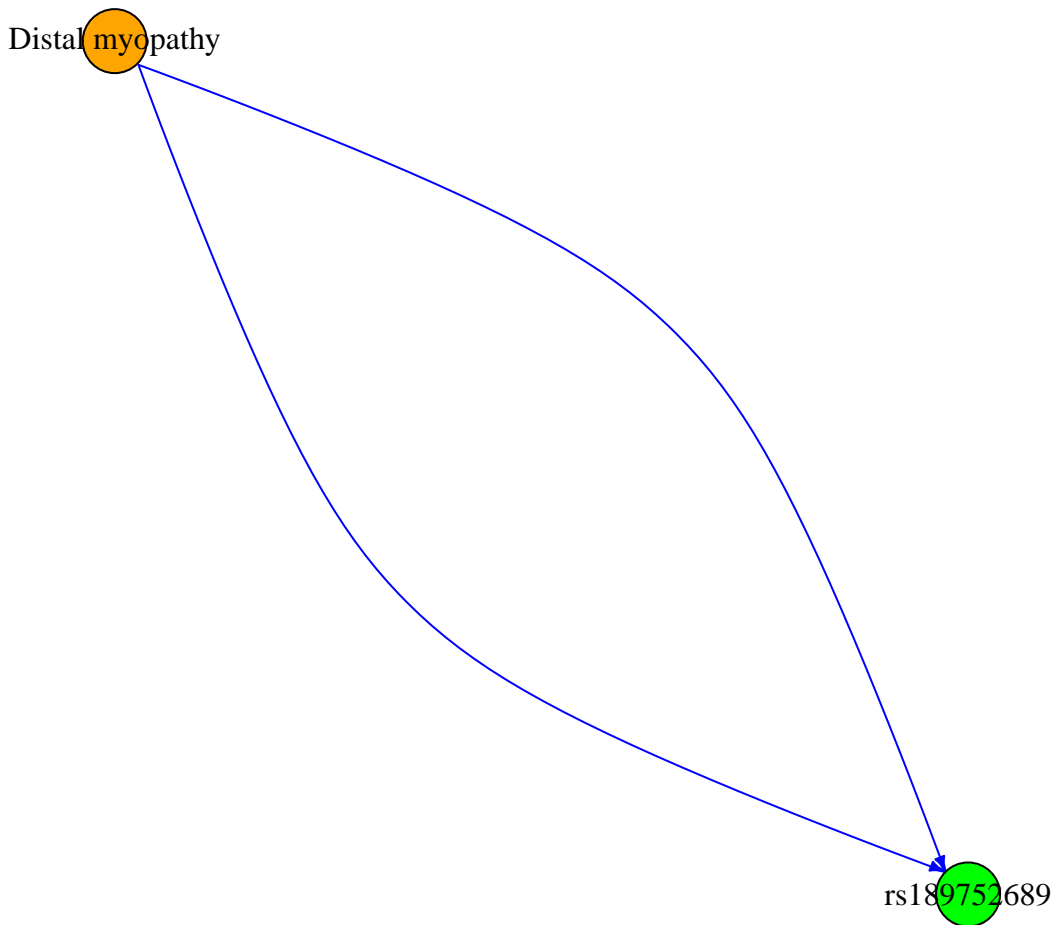
rs1049402



Variant–Disease Network (Distal hereditary motor neuronopathy type 7B

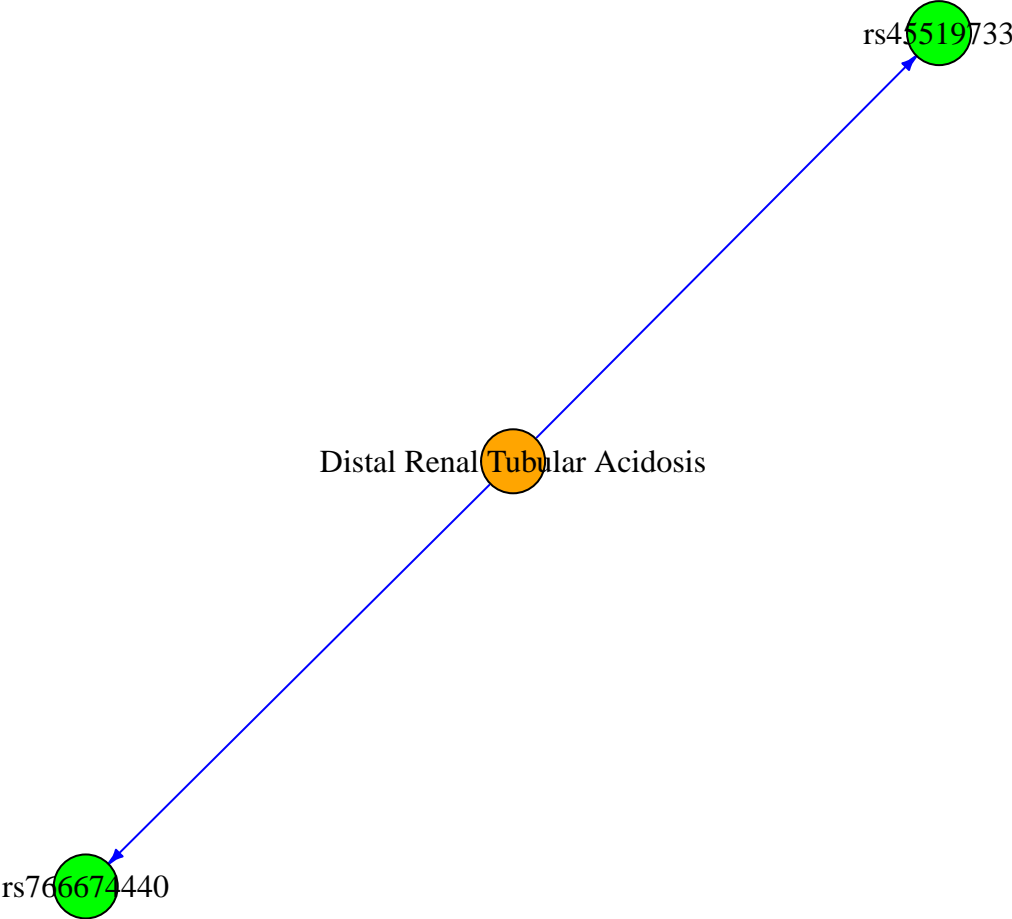


## Variant–Disease Network (Distal myopathy)

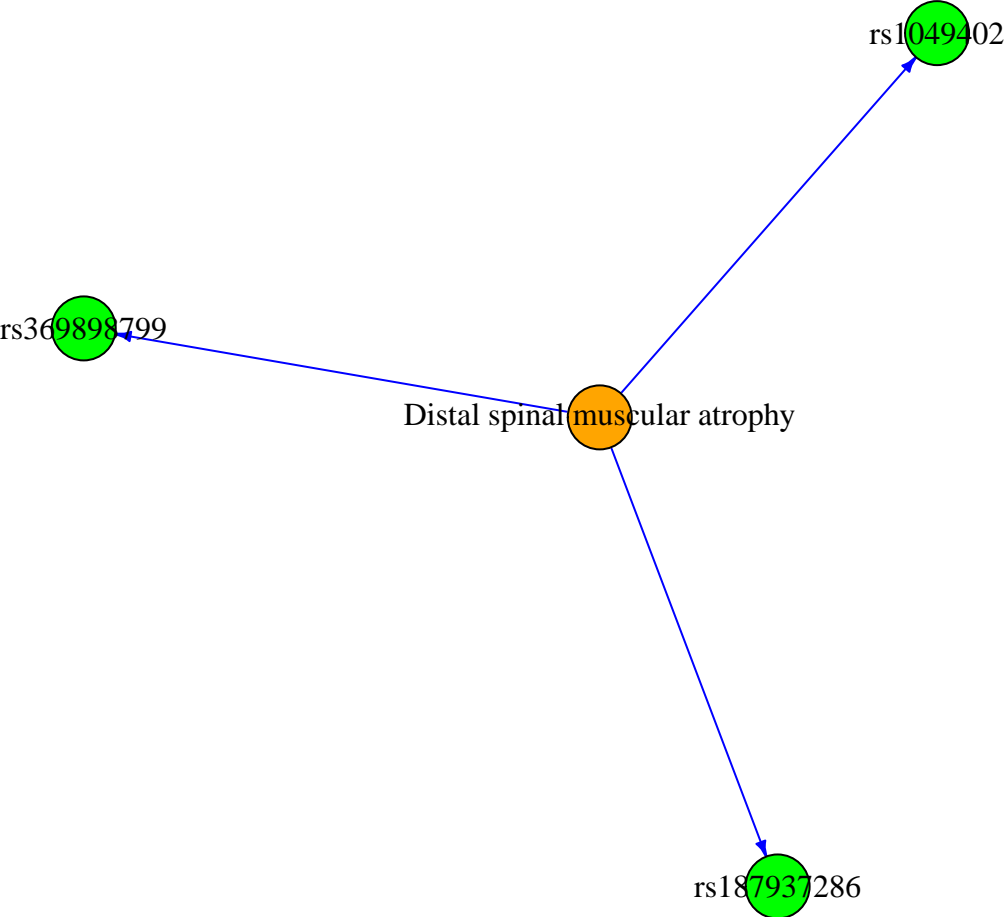




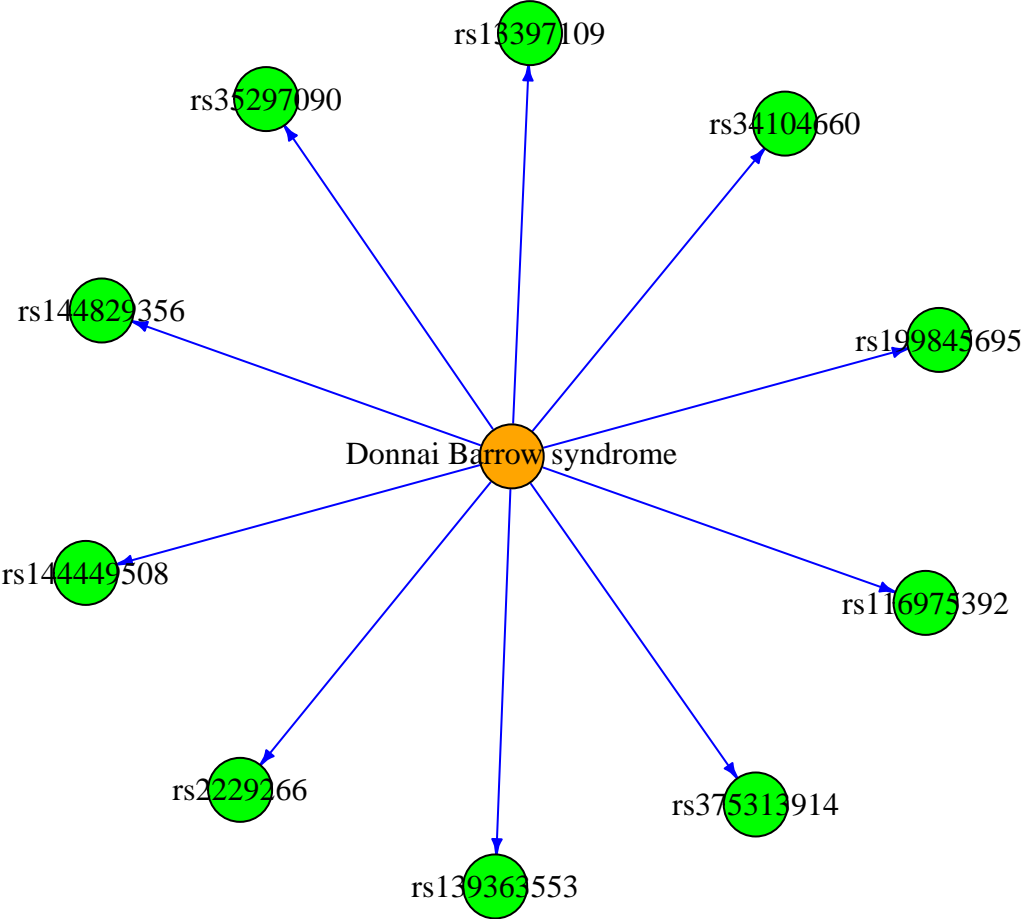
Variant–Disease Network (Distal Renal Tubular Acidosis)



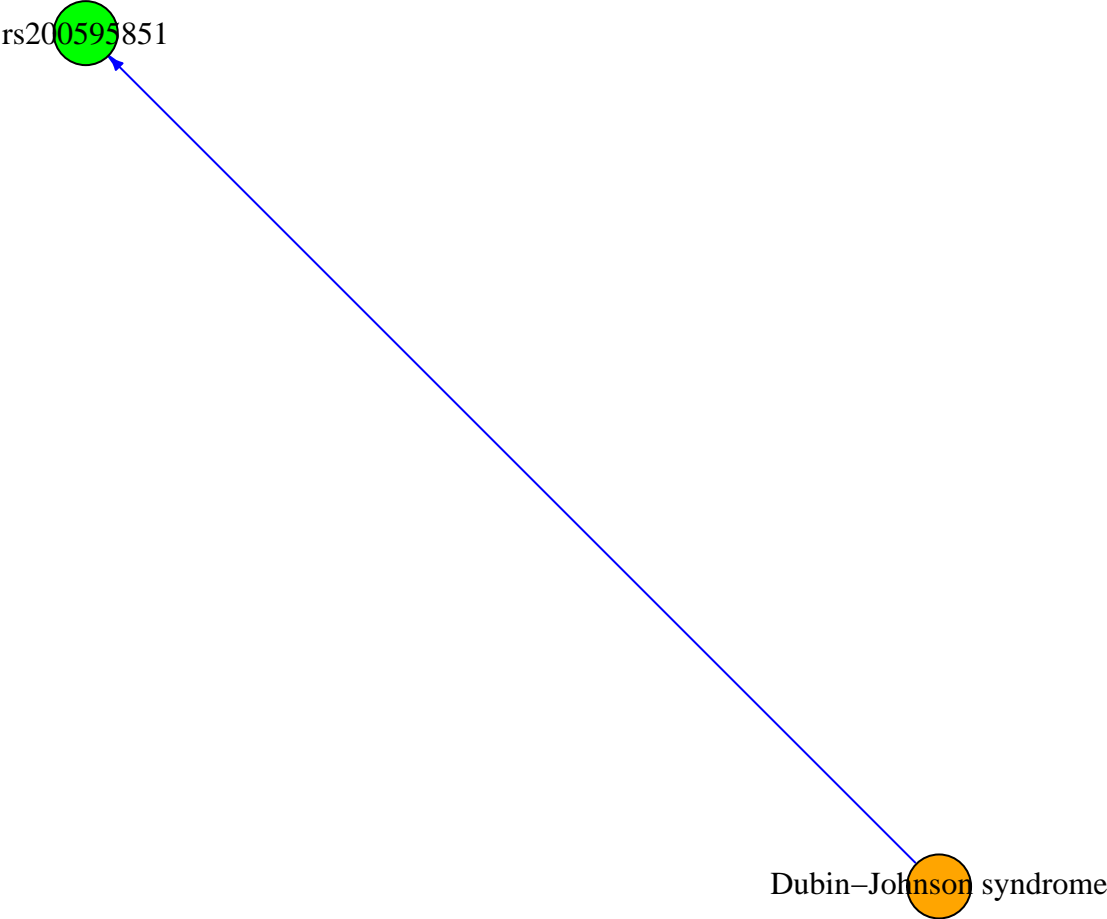
**Variant–Disease Network (Distal spinal muscular atrophy)**



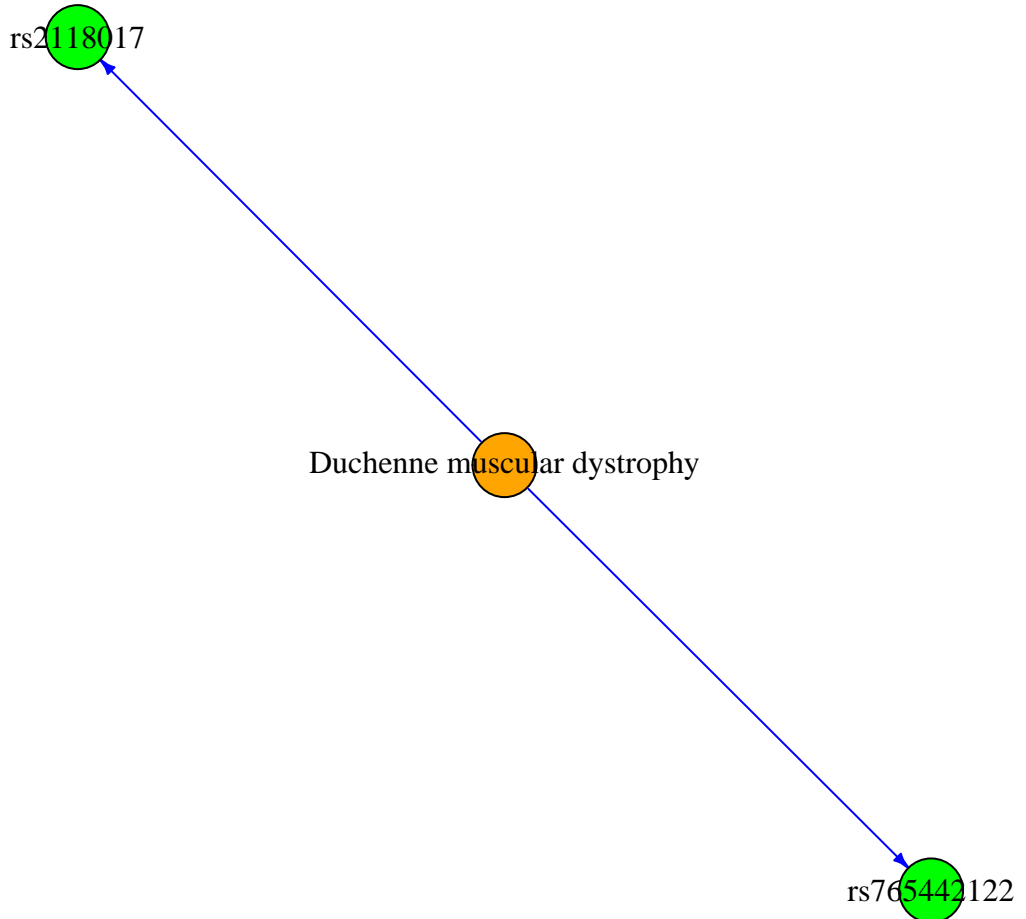
Variant–Disease Network (Donnai Barrow syndrome)



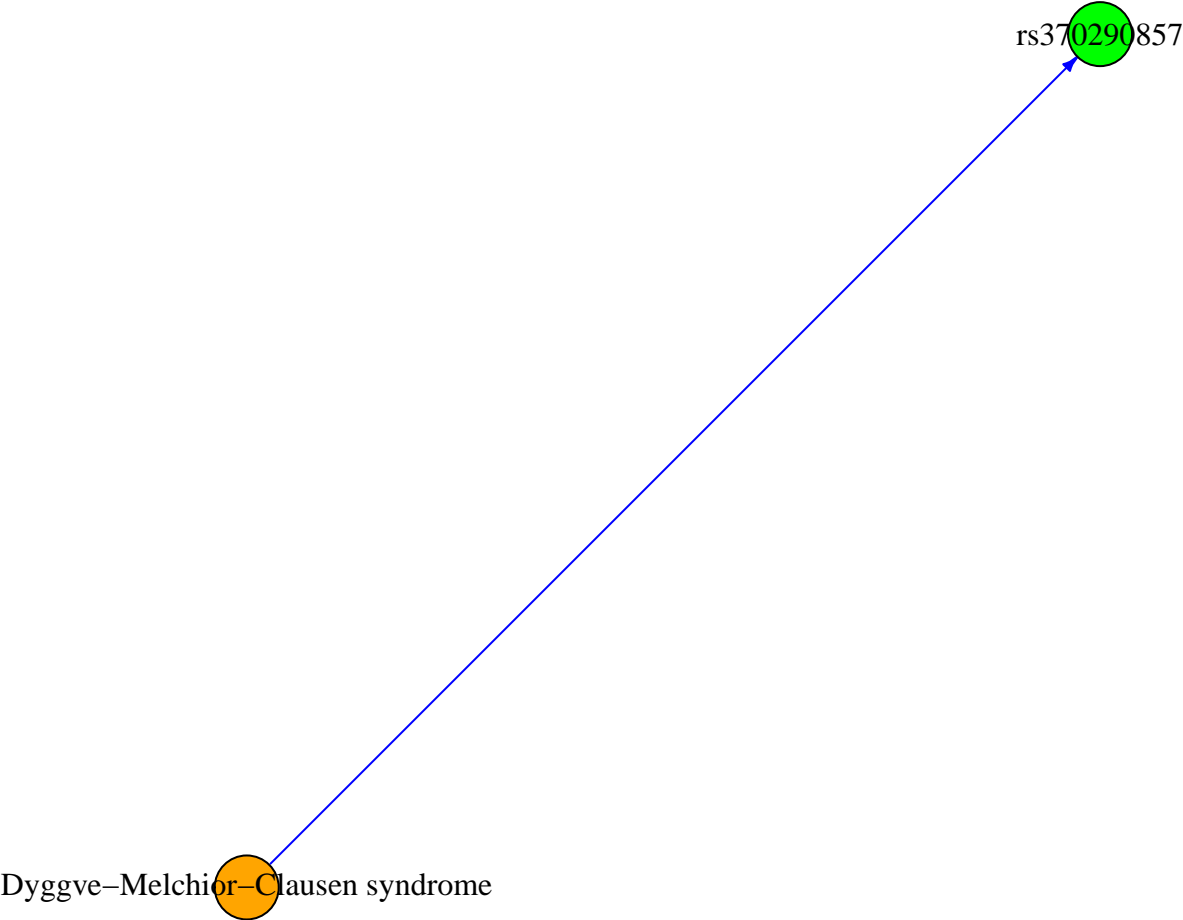
**Variant–Disease Network (Dubin–Johnson syndrome)**



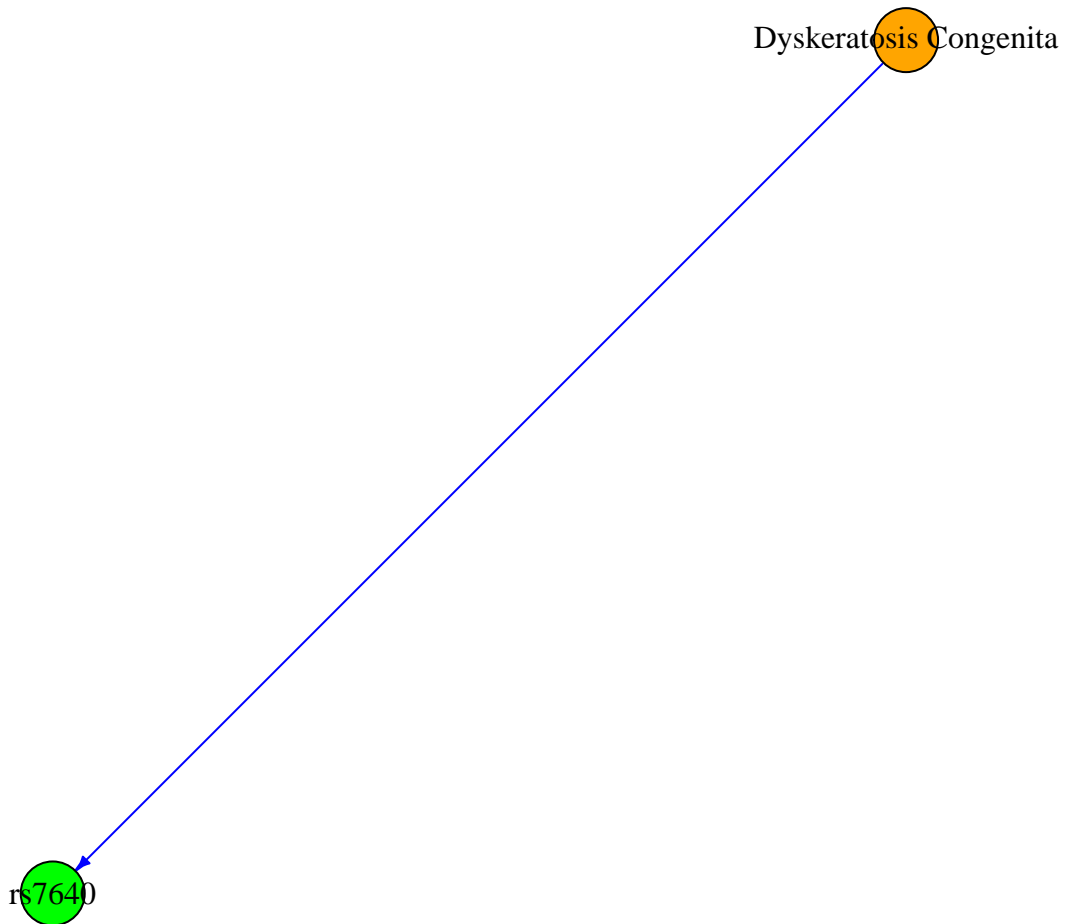
## Variant–Disease Network (Duchenne muscular dystrophy)



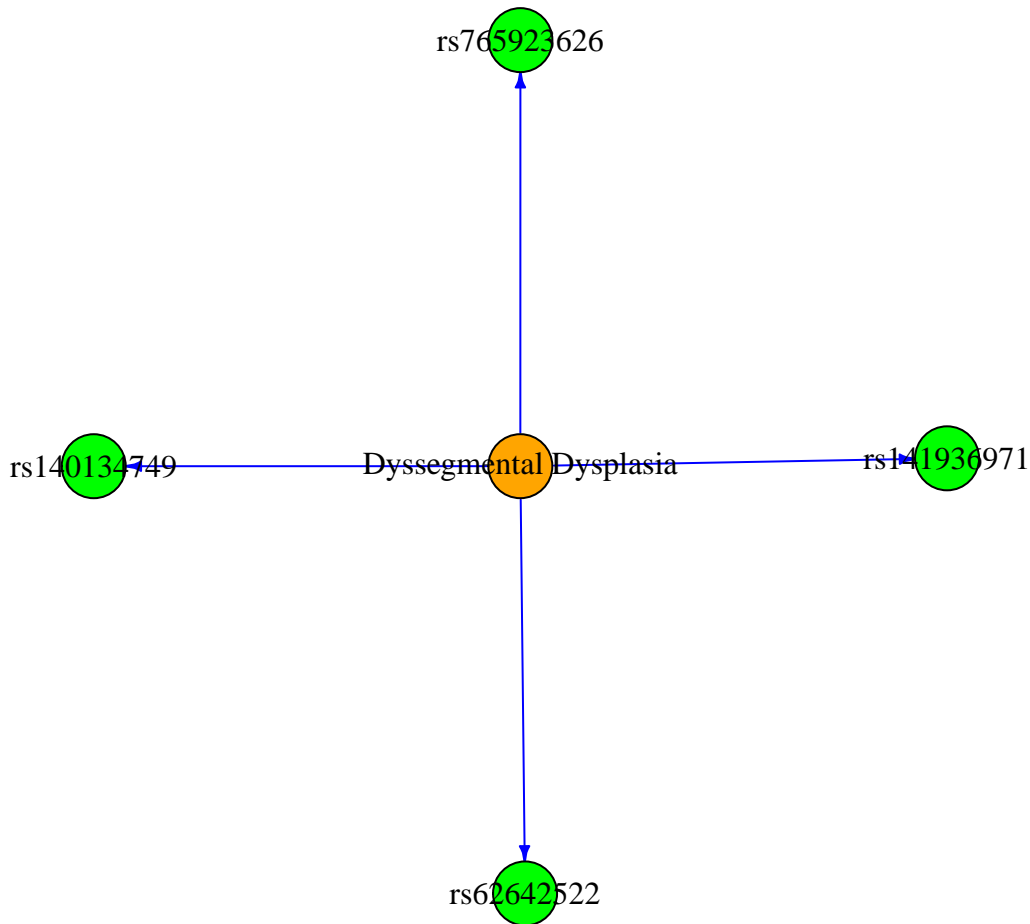
Variant–Disease Network (Dyggve–Melchior–Clausen syndrome)



## Variant–Disease Network (Dyskeratosis Congenita)

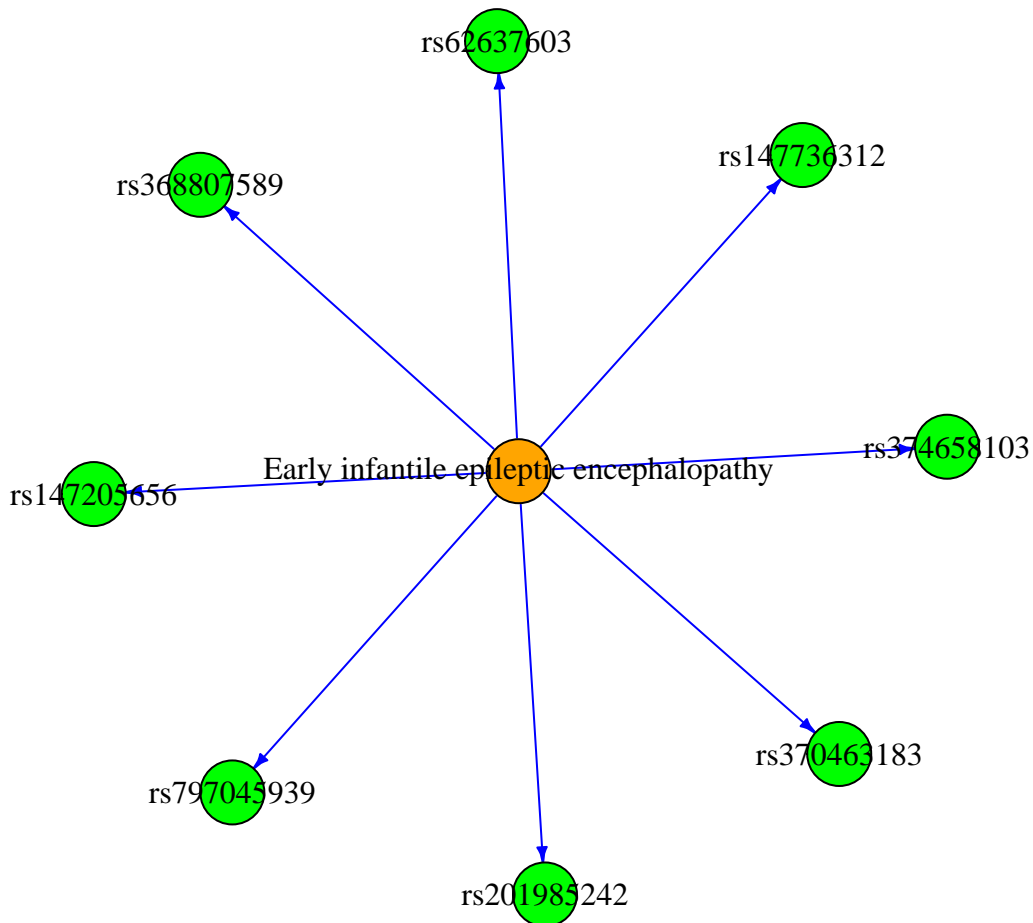


## Variant–Disease Network (Dyssegmental Dysplasia)

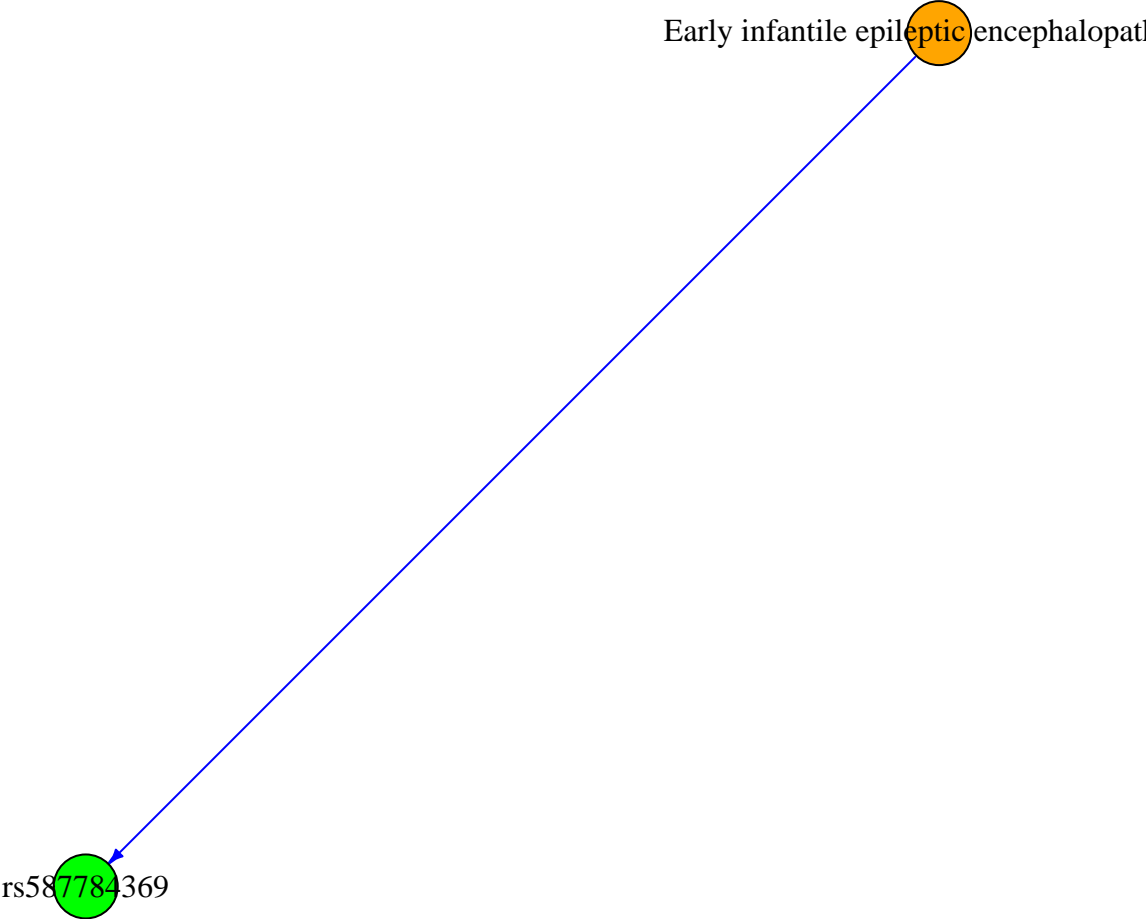




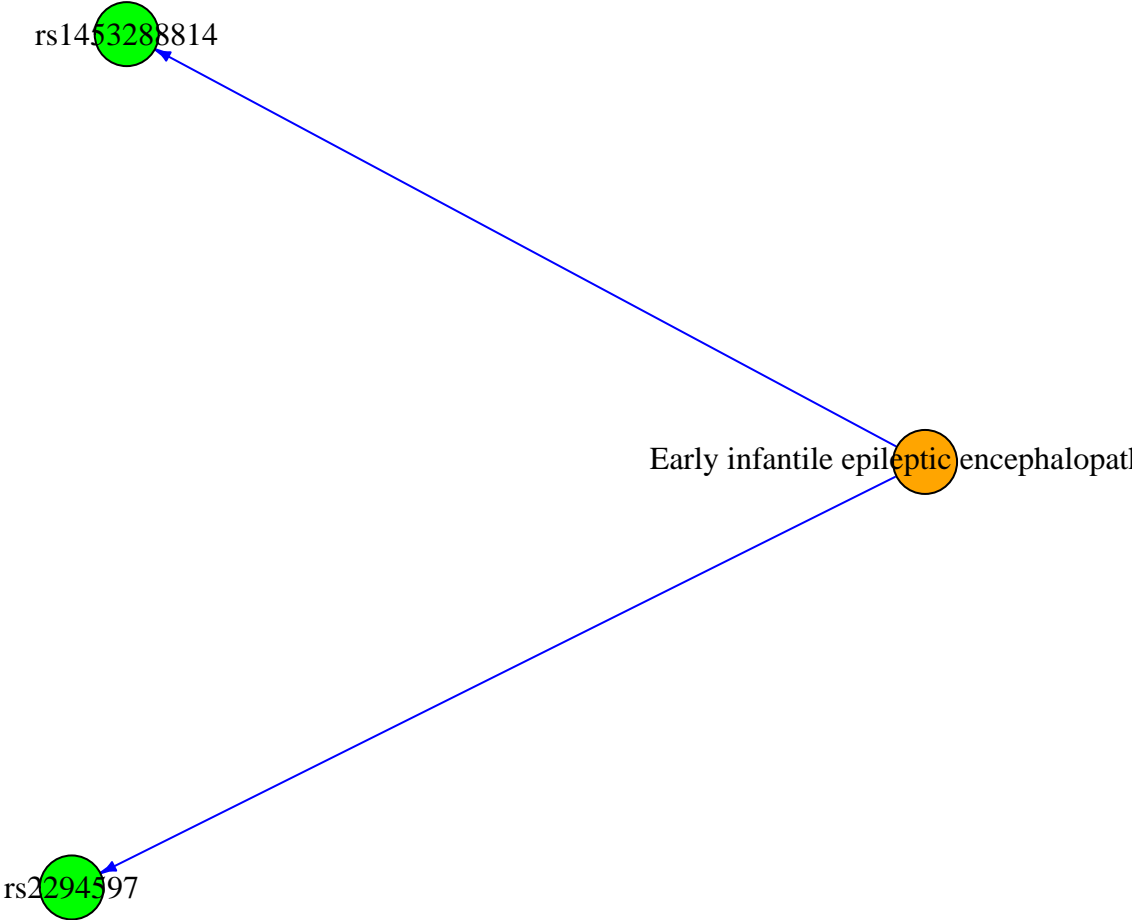
# Variant–Disease Network (Early infantile epileptic encephalopathy)



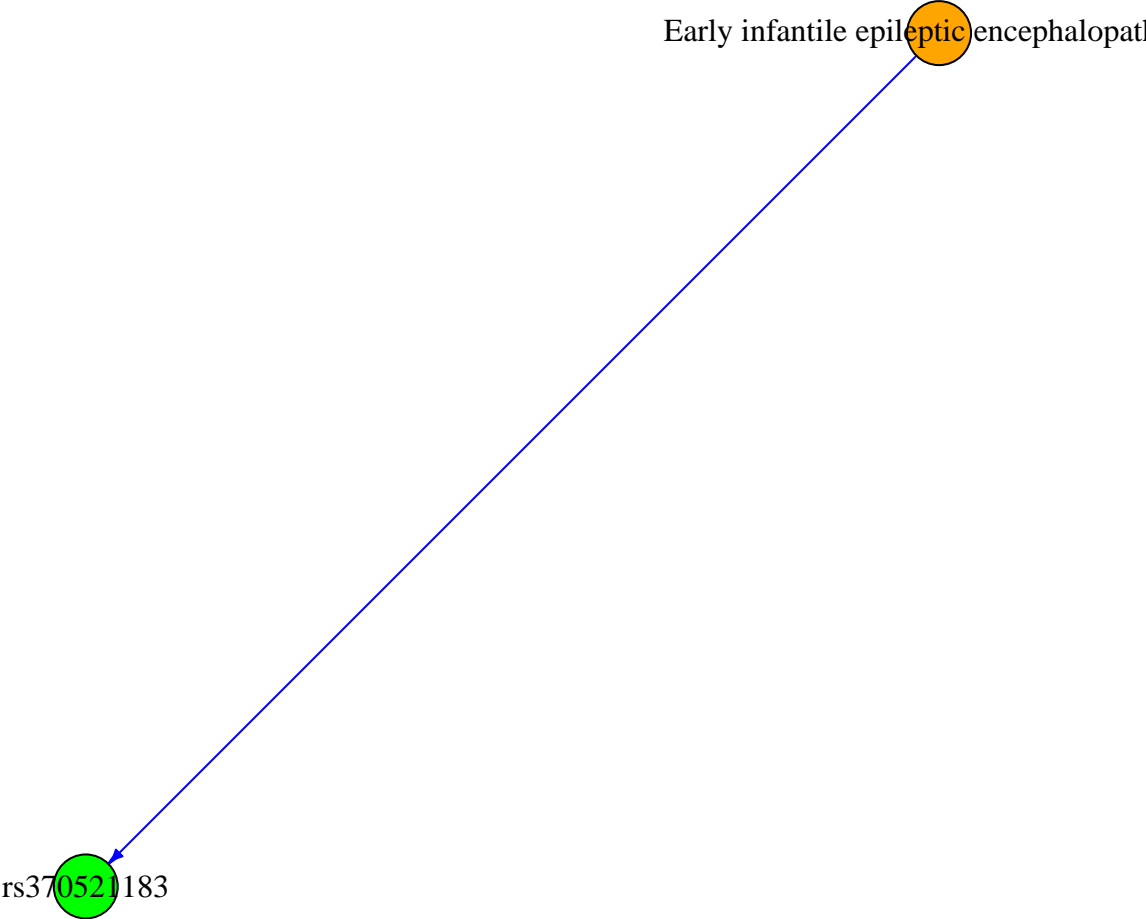
**Variant–Disease Network (Early infantile epileptic encephalopathy 10)**



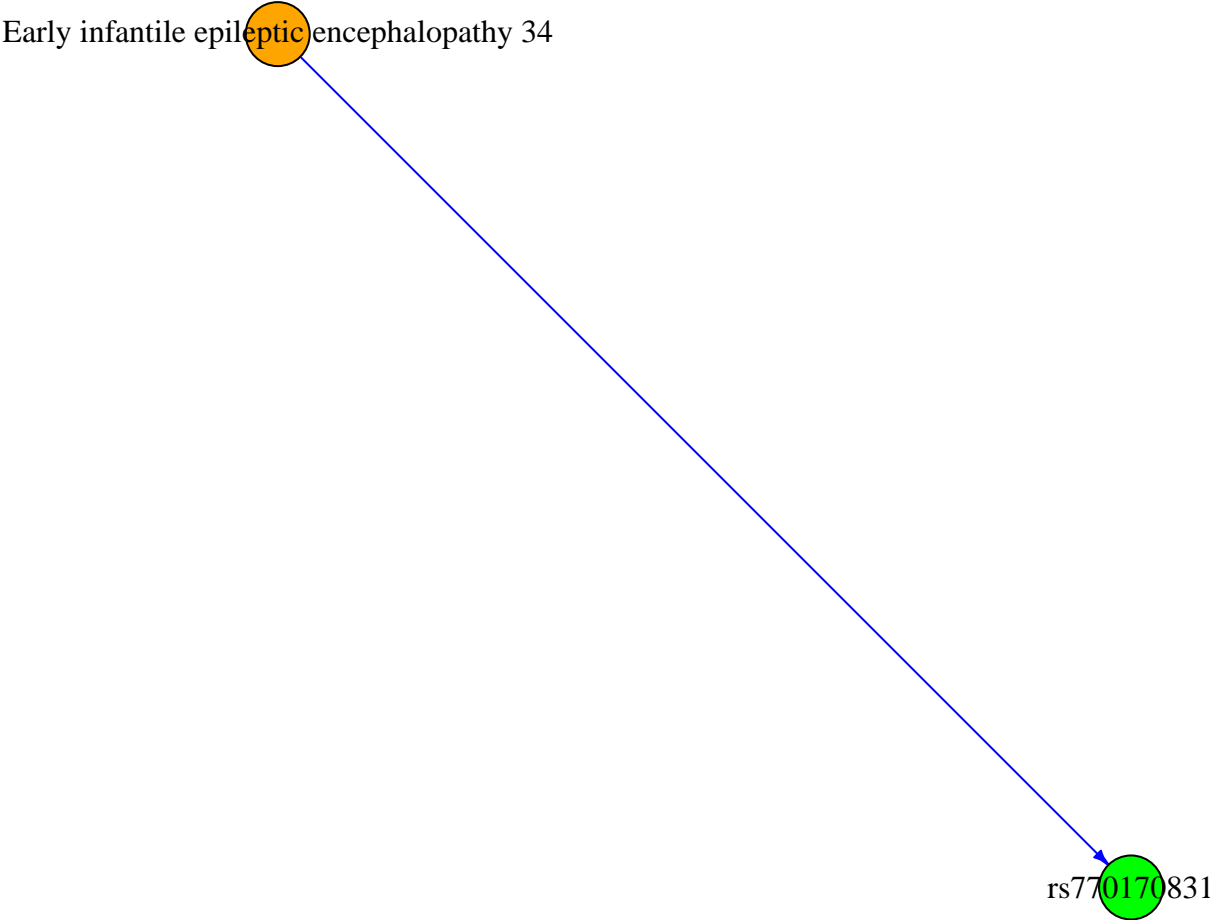
Variant–Disease Network (Early infantile epileptic encephalopathy 12)



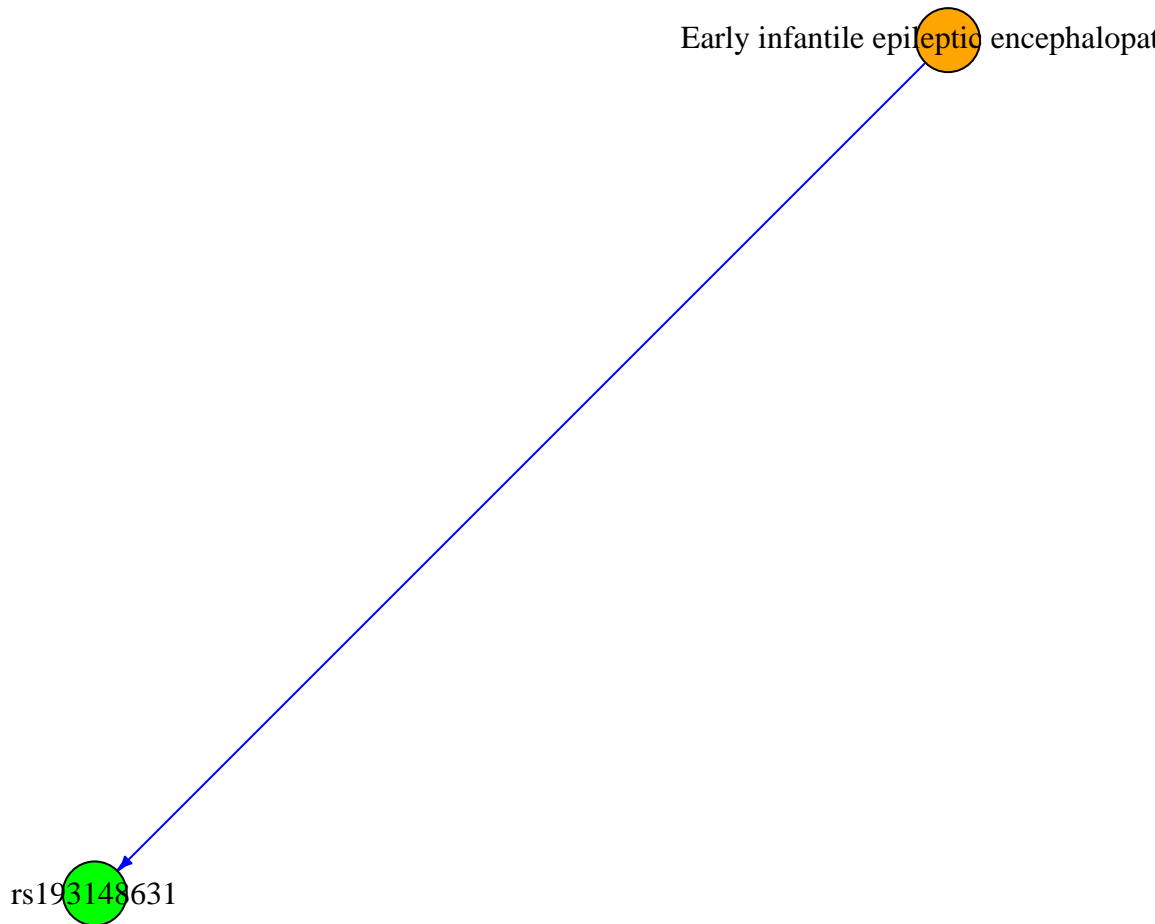
**Variant–Disease Network (Early infantile epileptic encephalopathy 14)**



**Variant–Disease Network (Early infantile epileptic encephalopathy 34)**



## Variant–Disease Network (Early infantile epileptic encephalopathy 9)

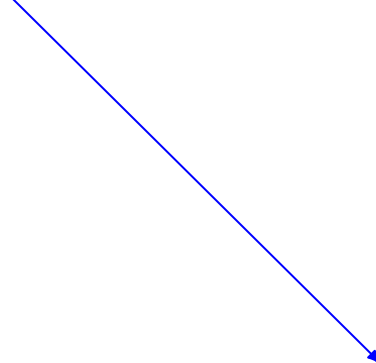
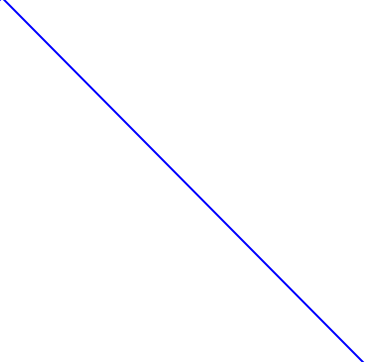


**Variant–Disease Network (Ectodermal dysplasia skin fragility syndrome)**

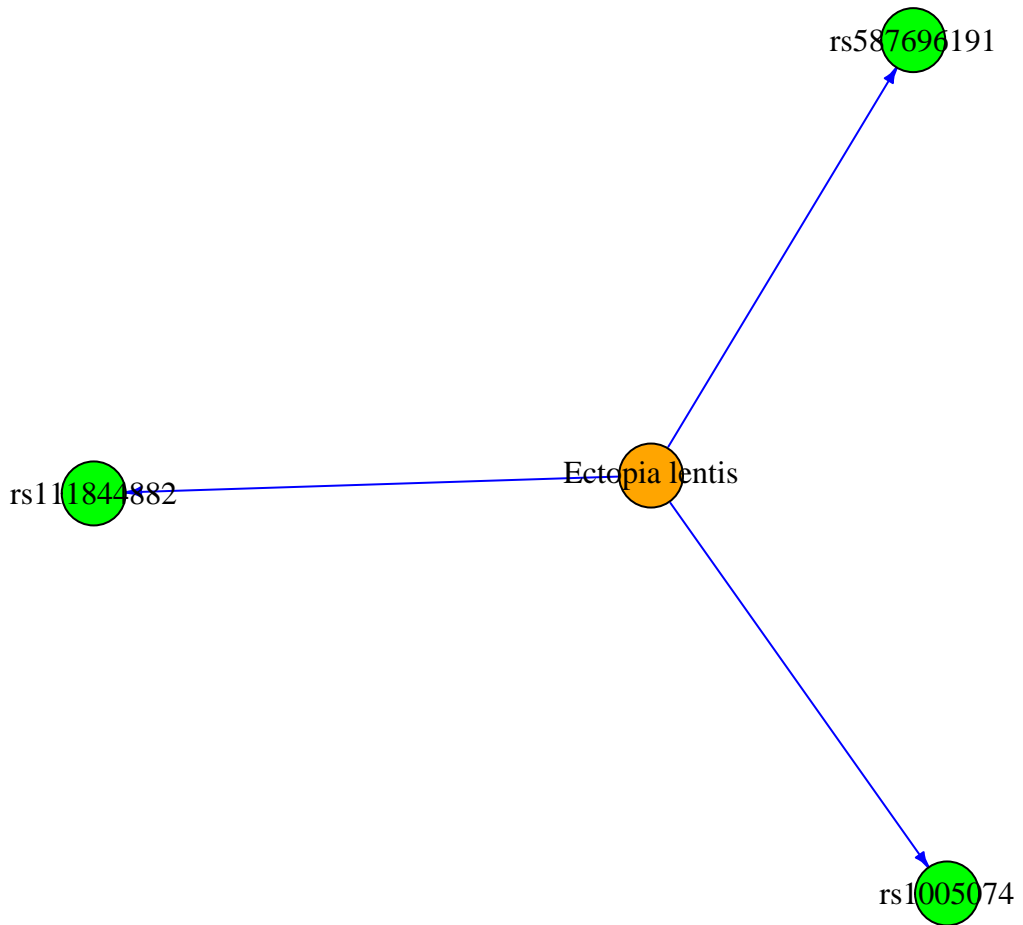
rs139095230

Ectodermal dysplasia skin fragility syndrome

rs1722779

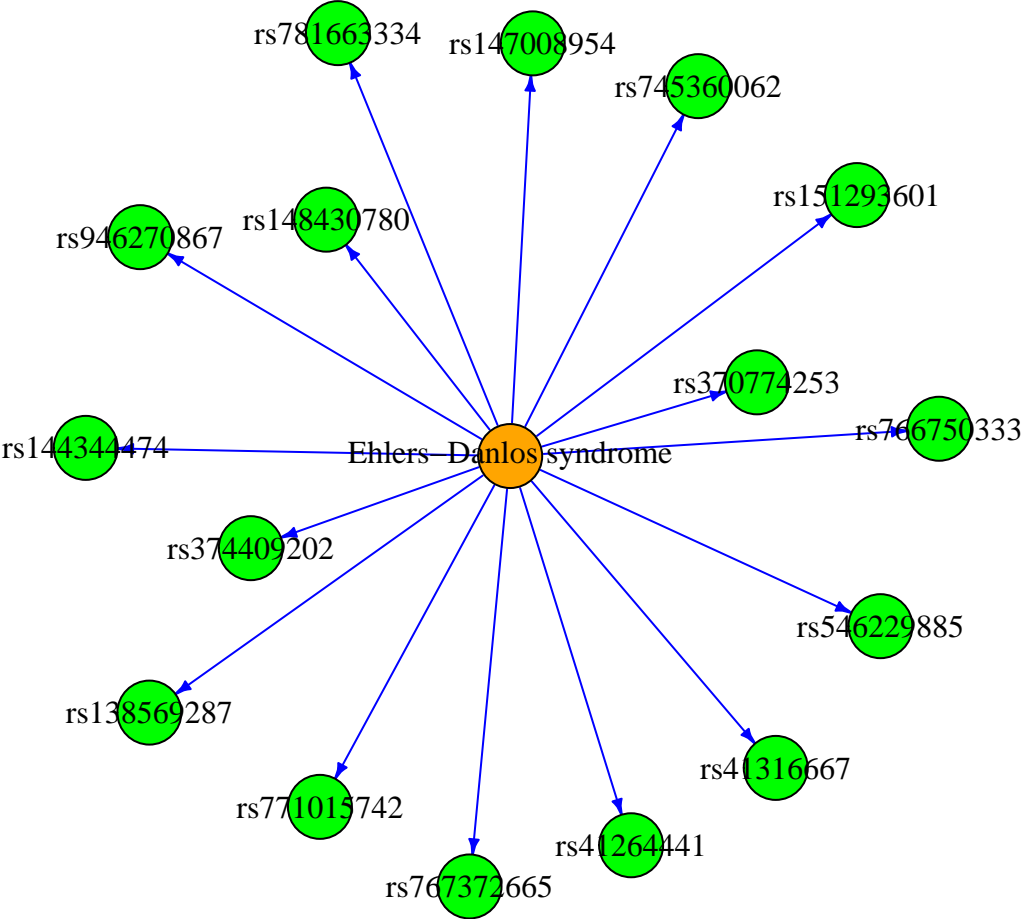


## Variant–Disease Network (Ectopia lentis)

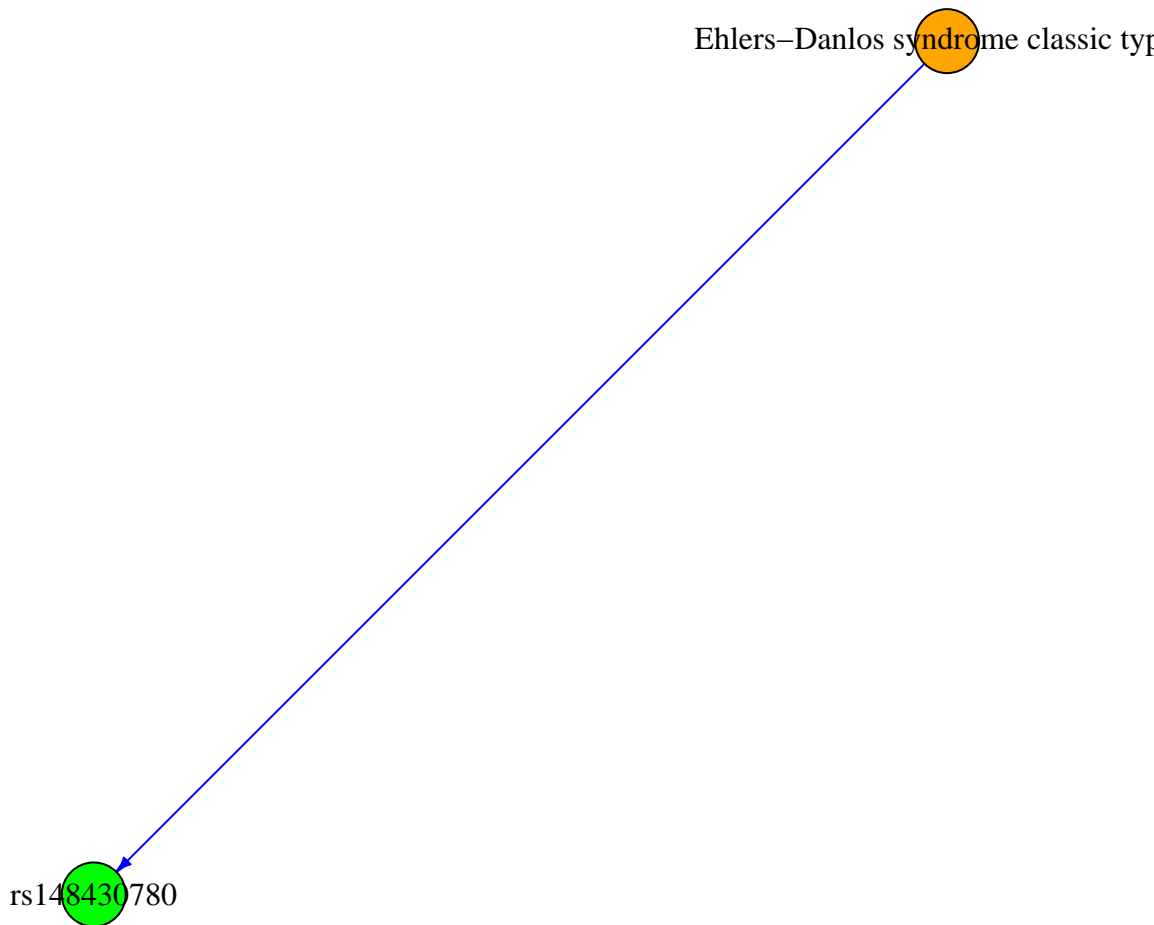




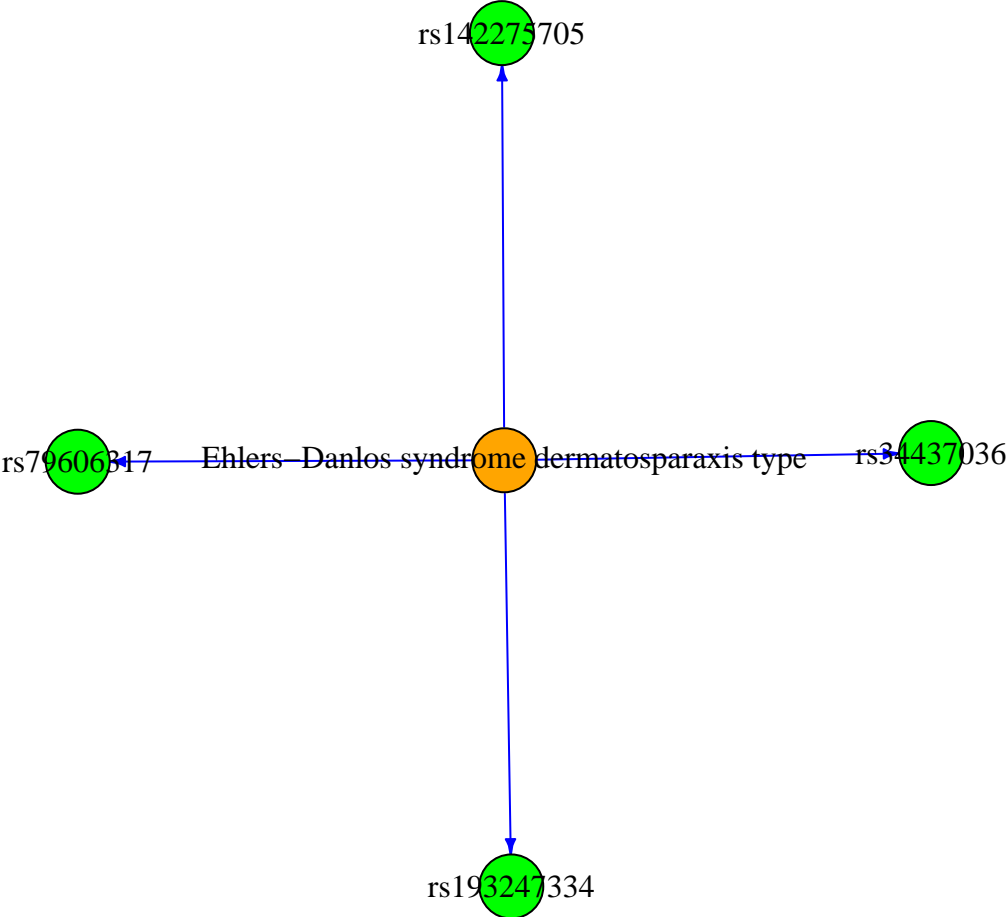
**Variant–Disease Network (Ehlers–Danlos syndrome)**



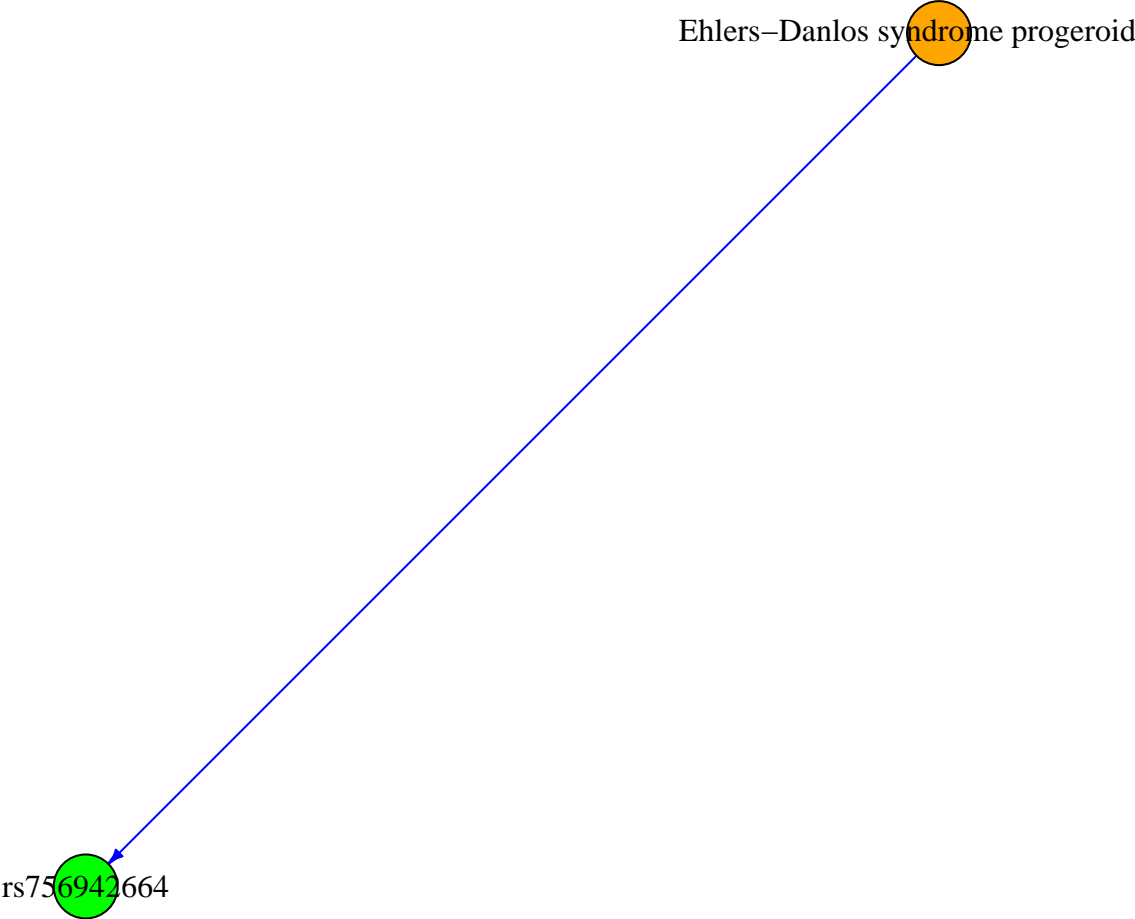
## Variant–Disease Network (Ehlers–Danlos syndrome classic type 2)



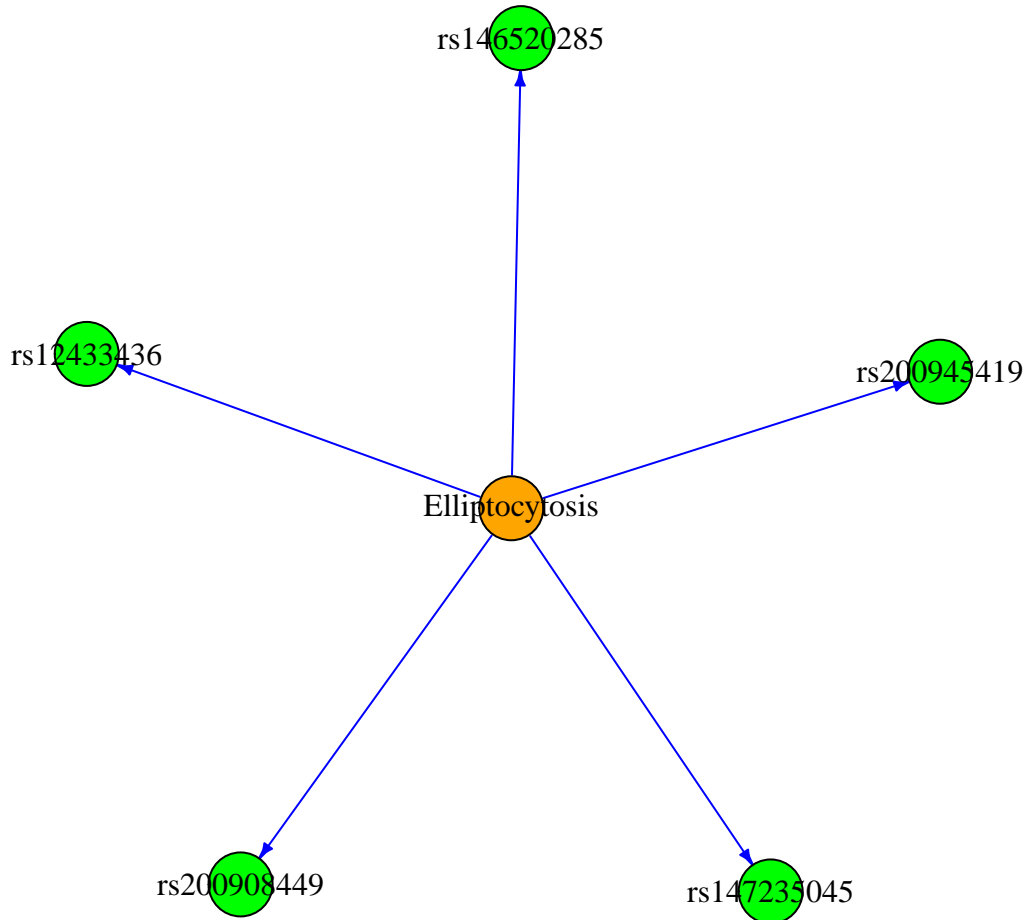
Variant–Disease Network (Ehlers–Danlos syndrome dermatosparaxis type)



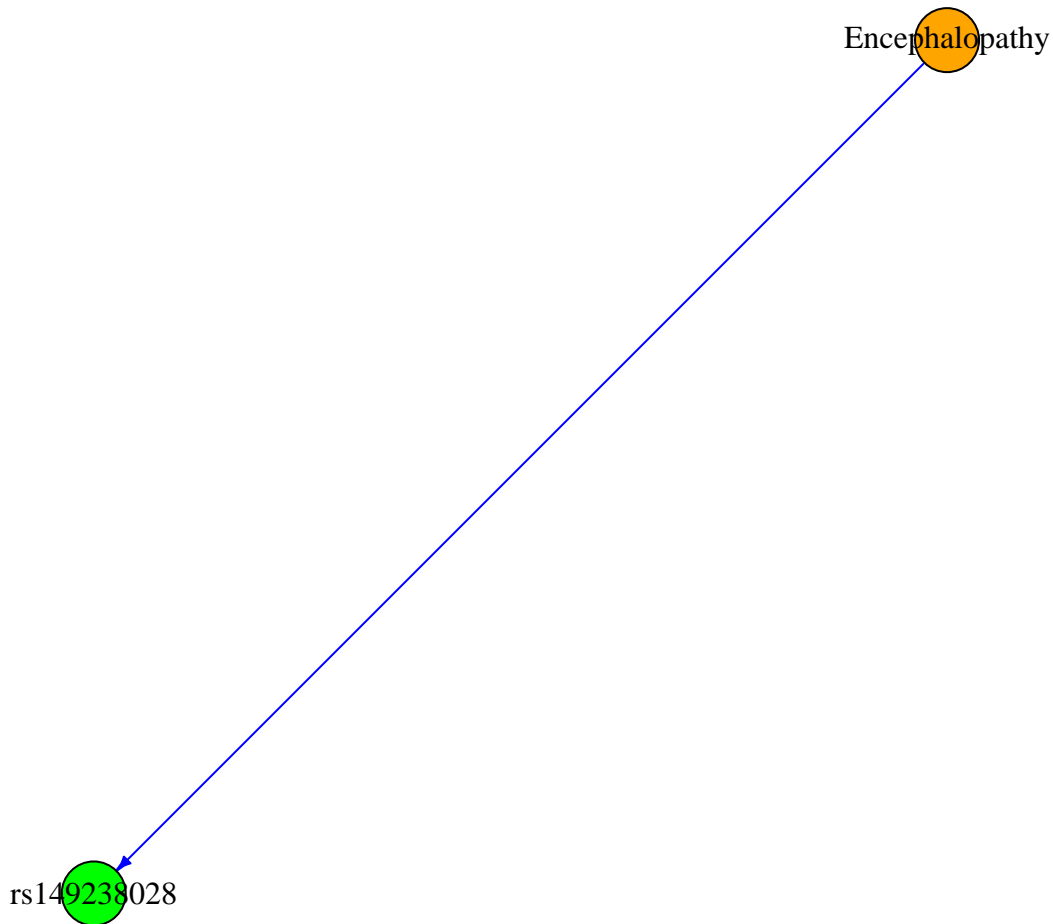
Variant–Disease Network (Ehlers–Danlos syndrome progeroid type)



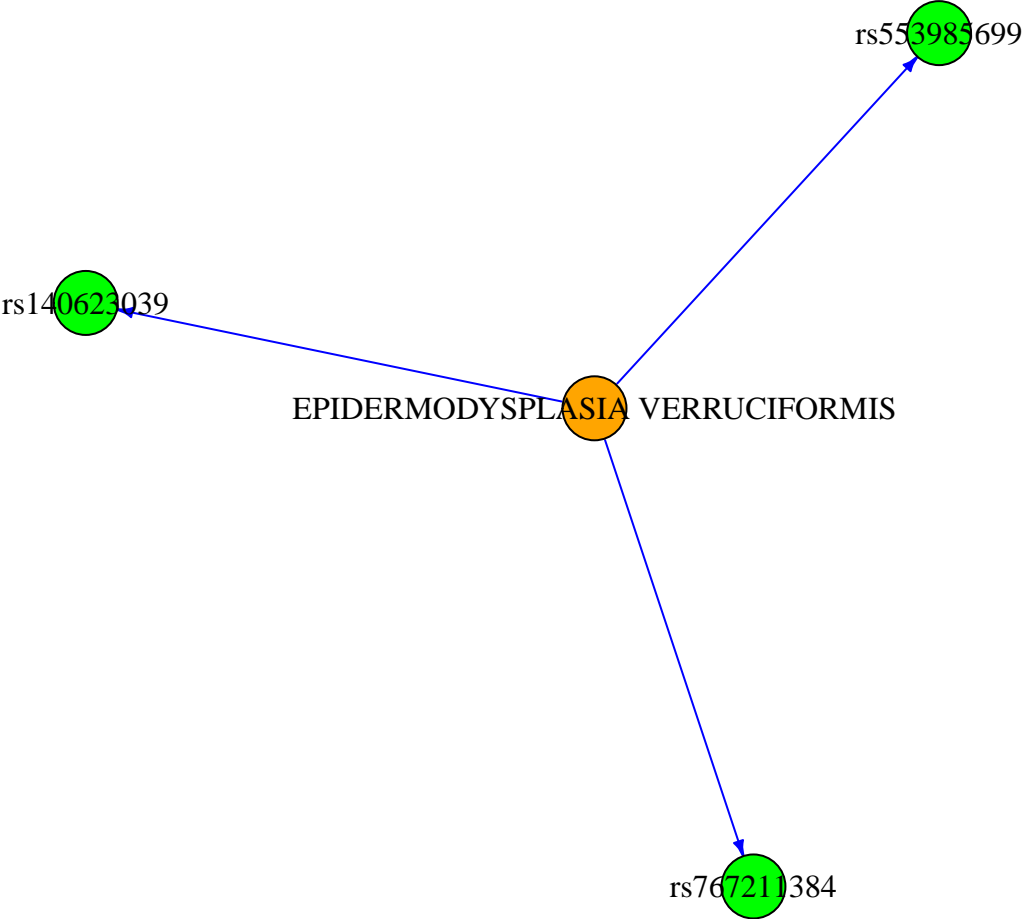
## Variant-Disease Network (Elliptocytosis)



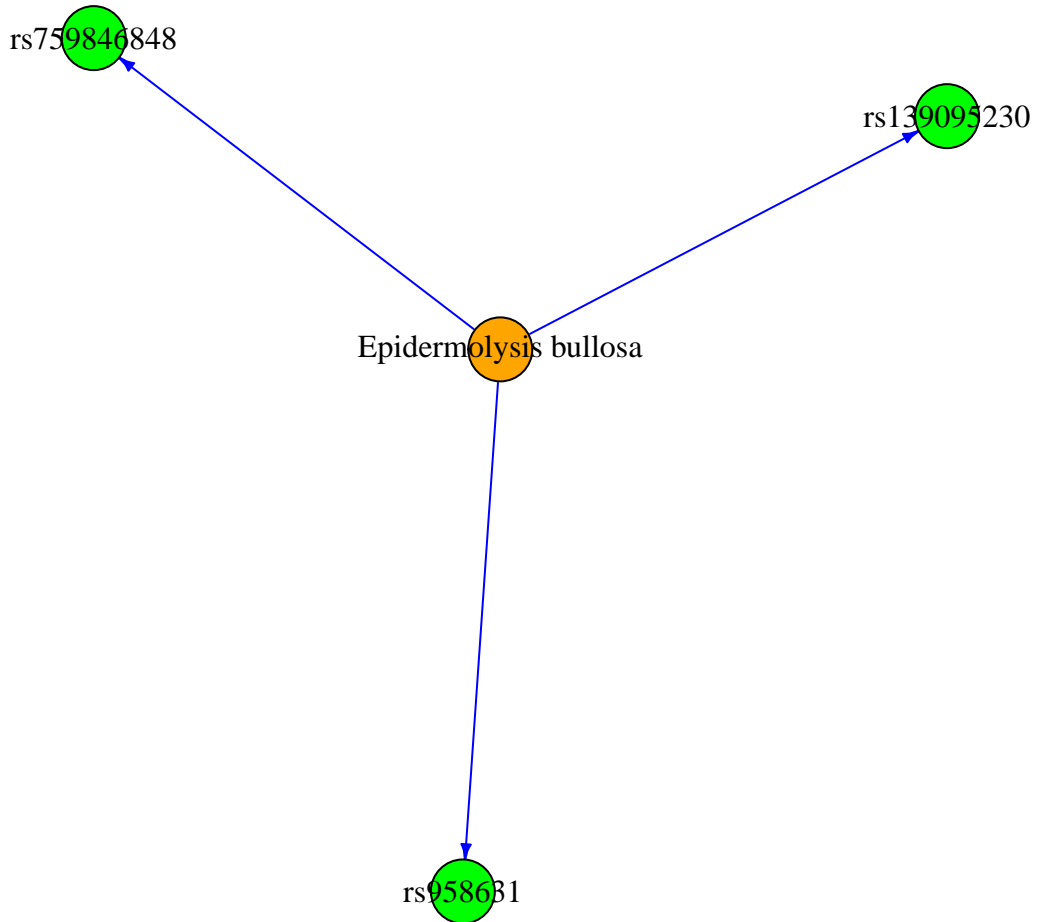
## Variant-Disease Network (Encephalopathy)



Variant–Disease Network (EPIDERMODYSPLASIA VERRUCIFORMIS)



## Variant–Disease Network (Epidermolysis bullosa)

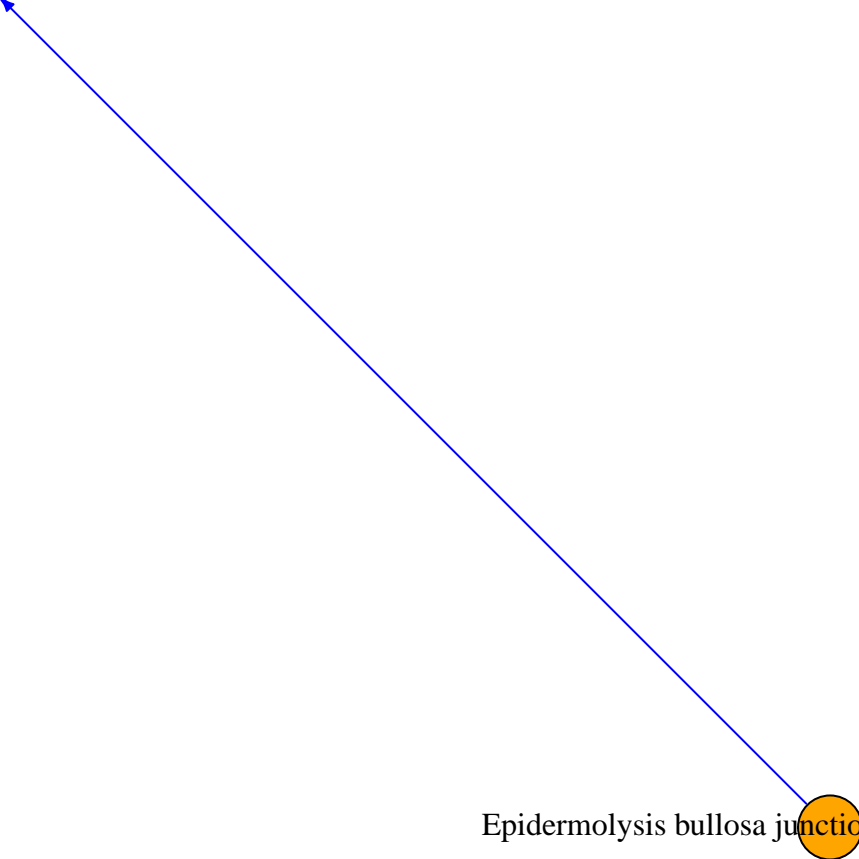




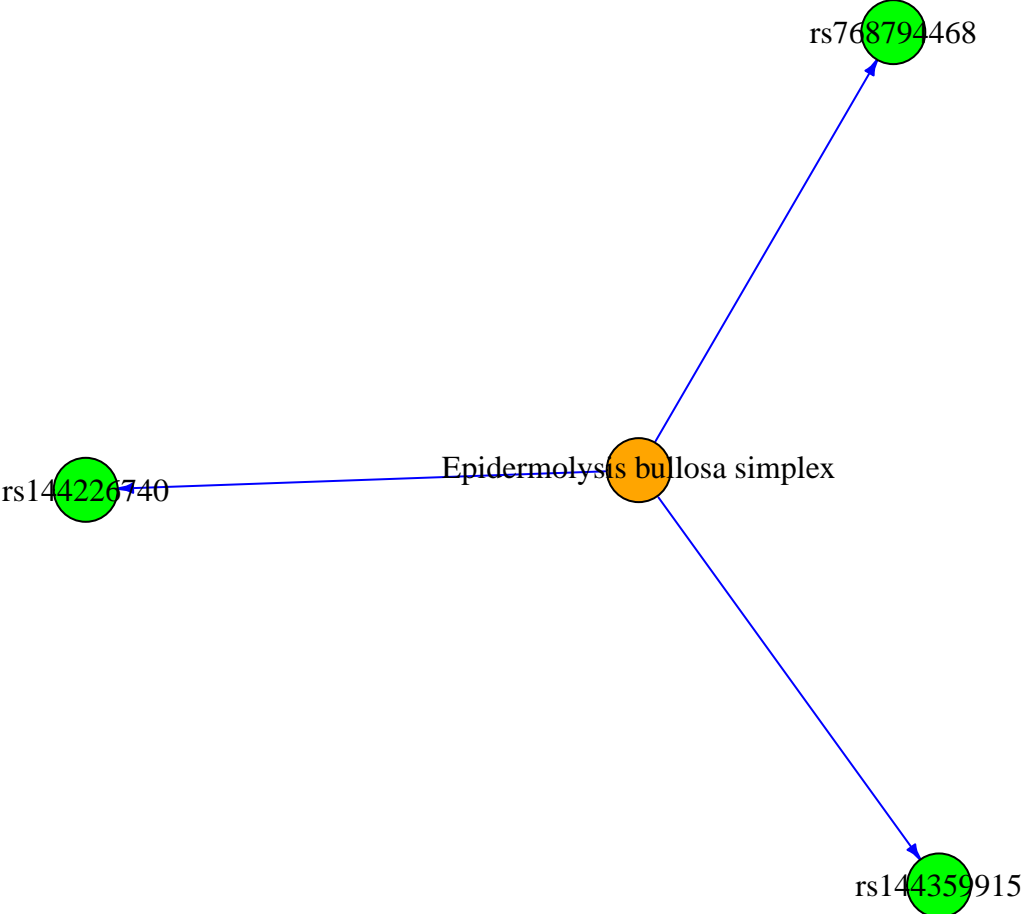
# Variant–Disease Network (Epidermolysis bullosa junctionalis with pyloric at

rs57812564

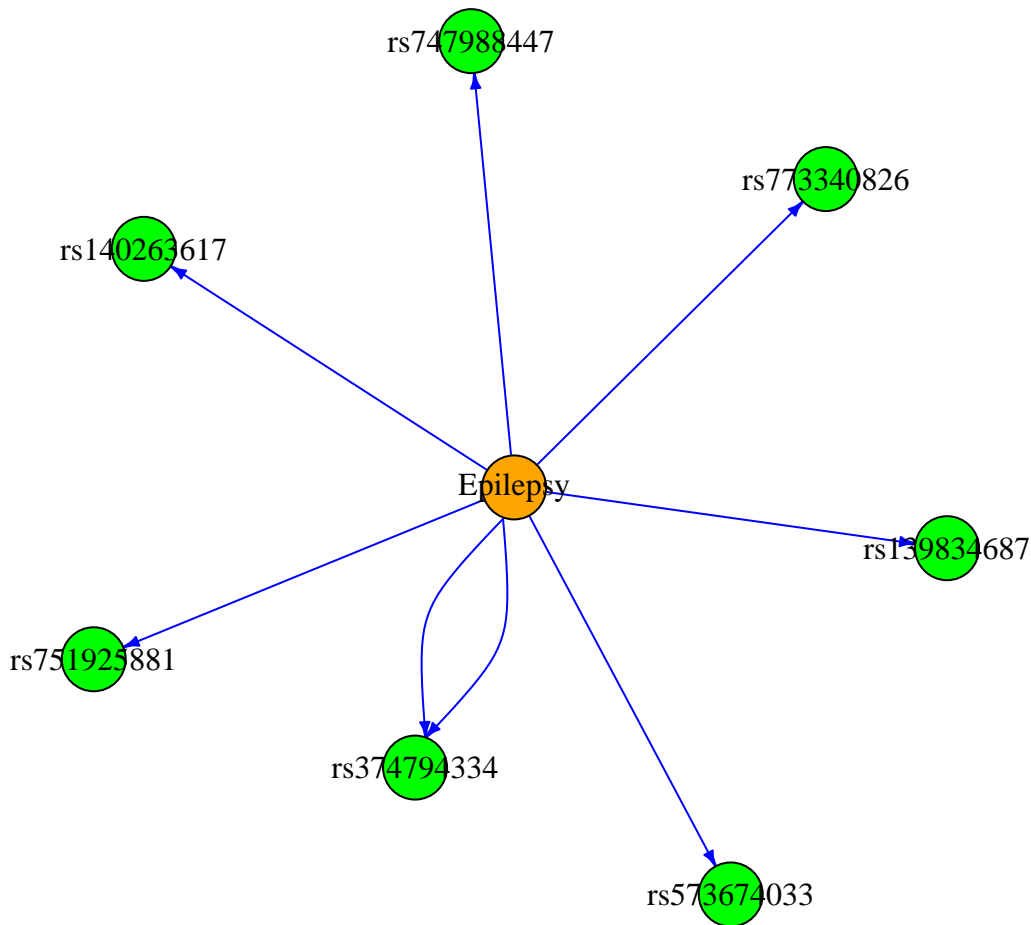
Epidermolysis bullosa junctionalis with pyl



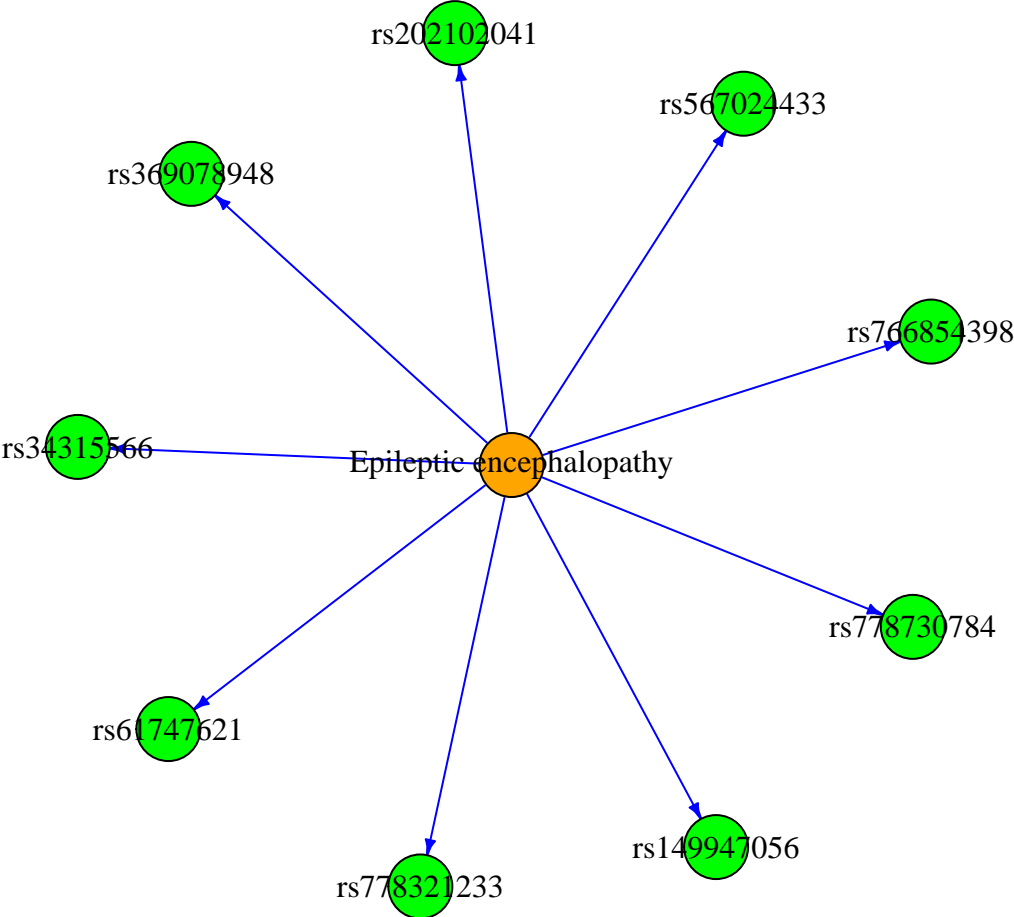
**Variant–Disease Network (Epidermolysis bullosa simplex)**



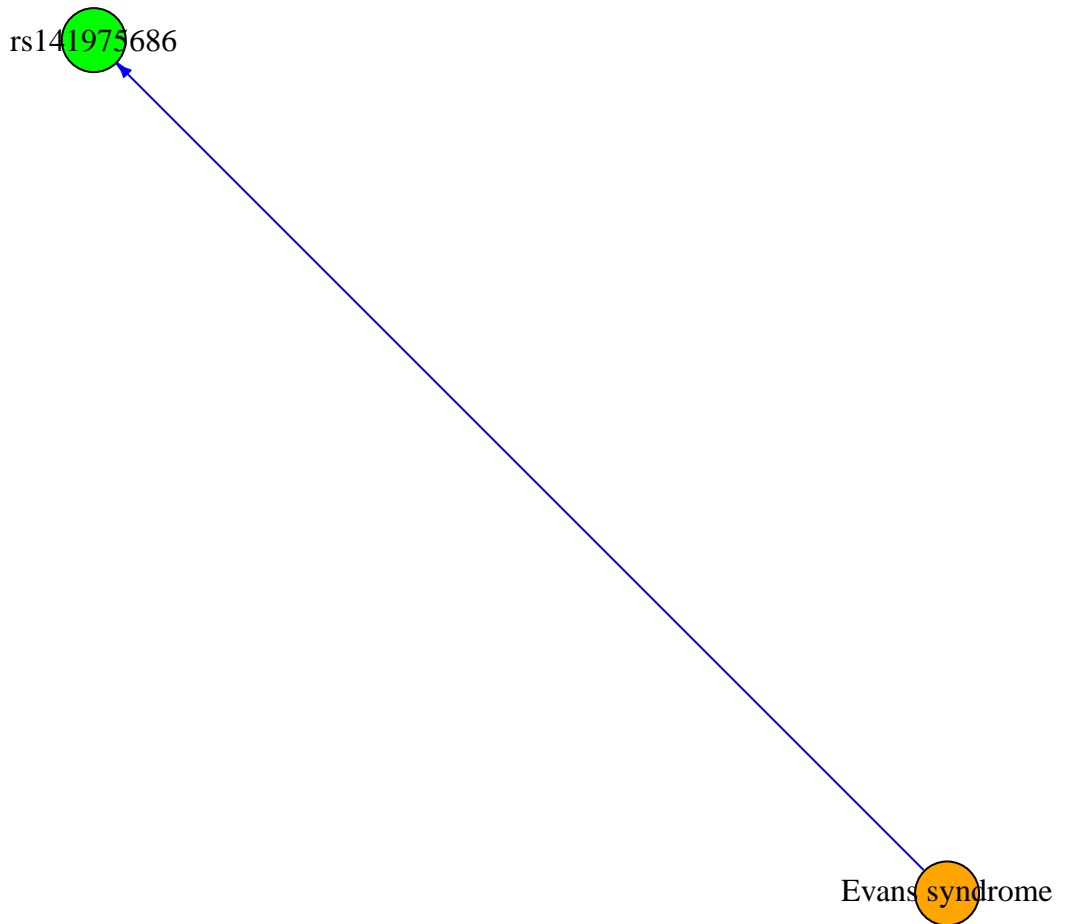
## Variant–Disease Network (Epilepsy)



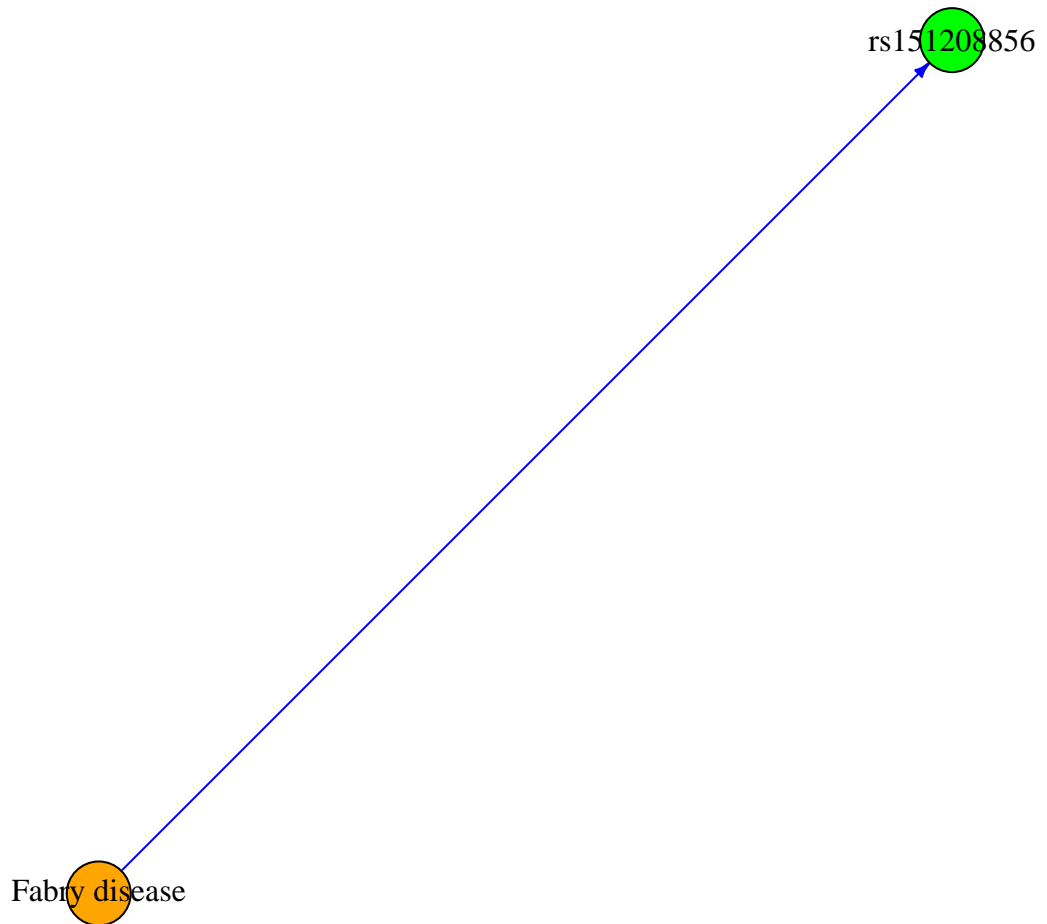
**Variant–Disease Network (Epileptic encephalopathy)**



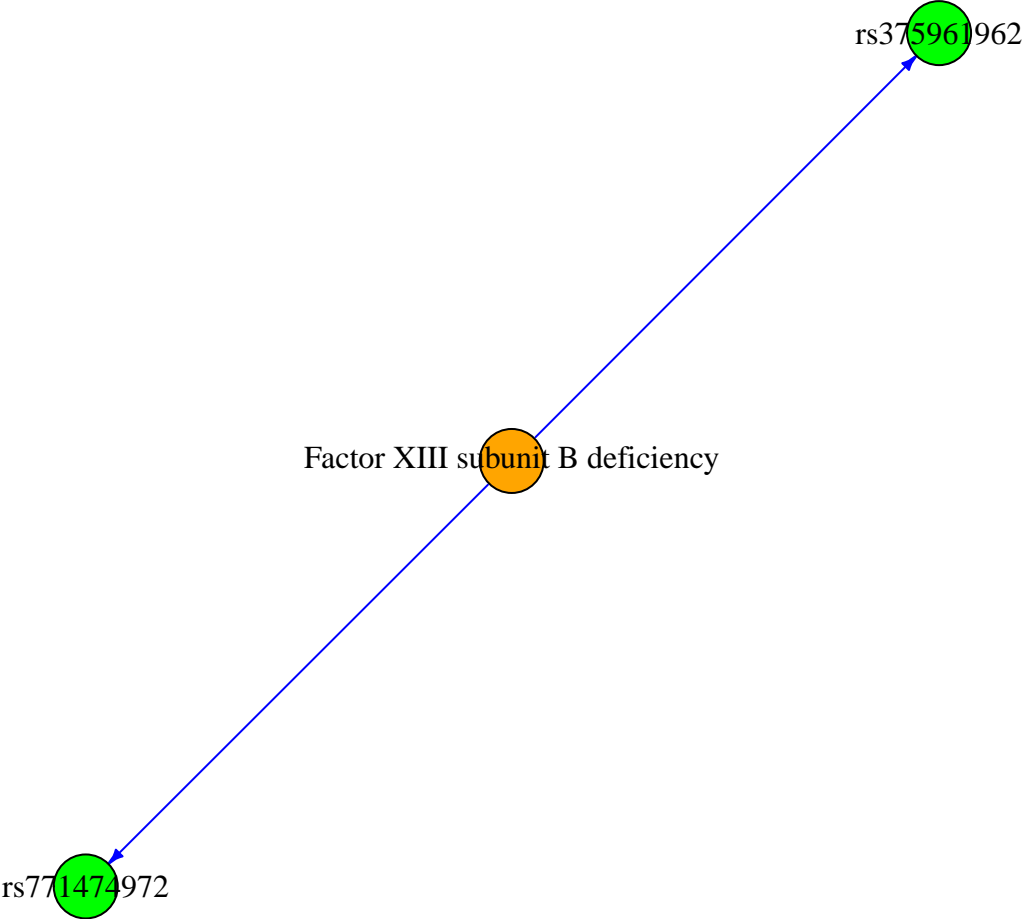
## Variant–Disease Network (Evans syndrome)



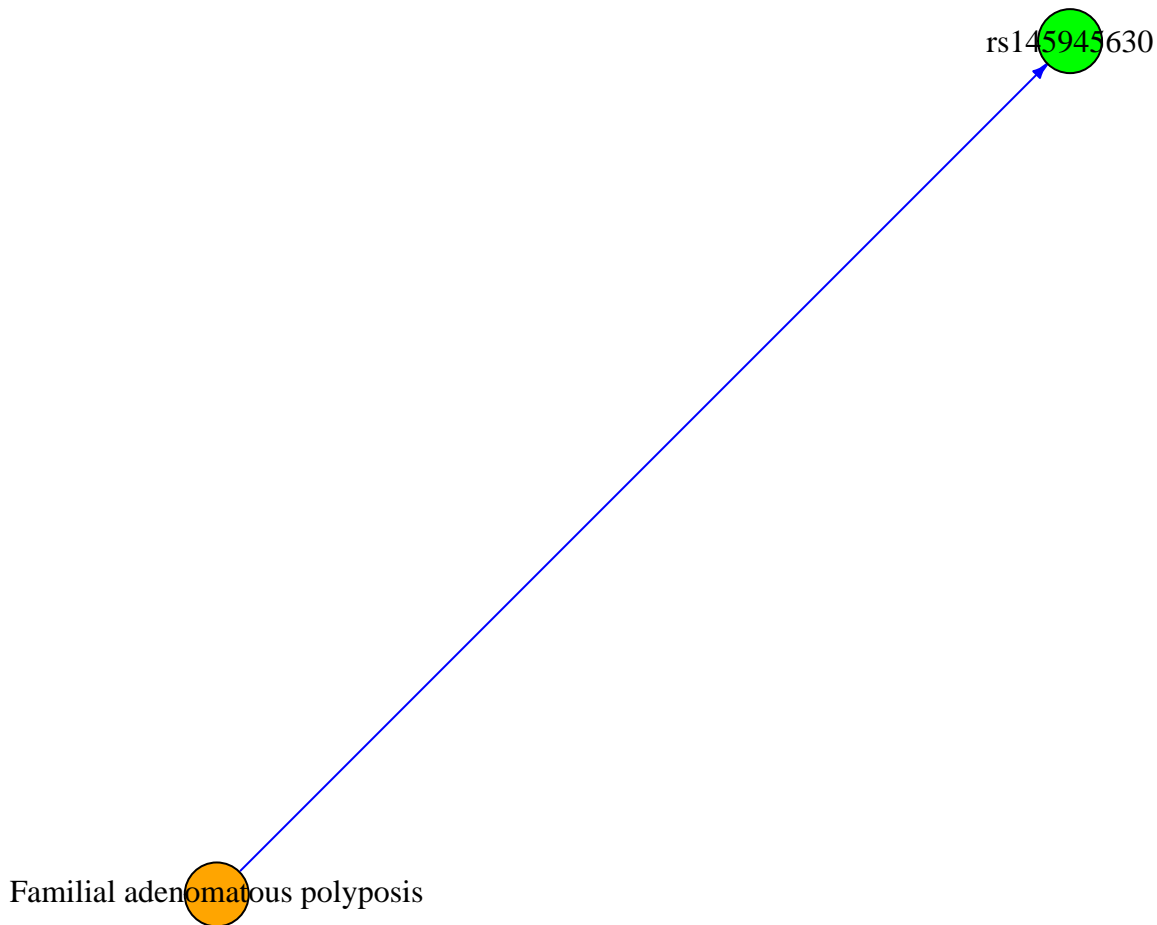
## Variant-Disease Network (Fabry disease)



Variant–Disease Network (Factor XIII subunit B deficiency)

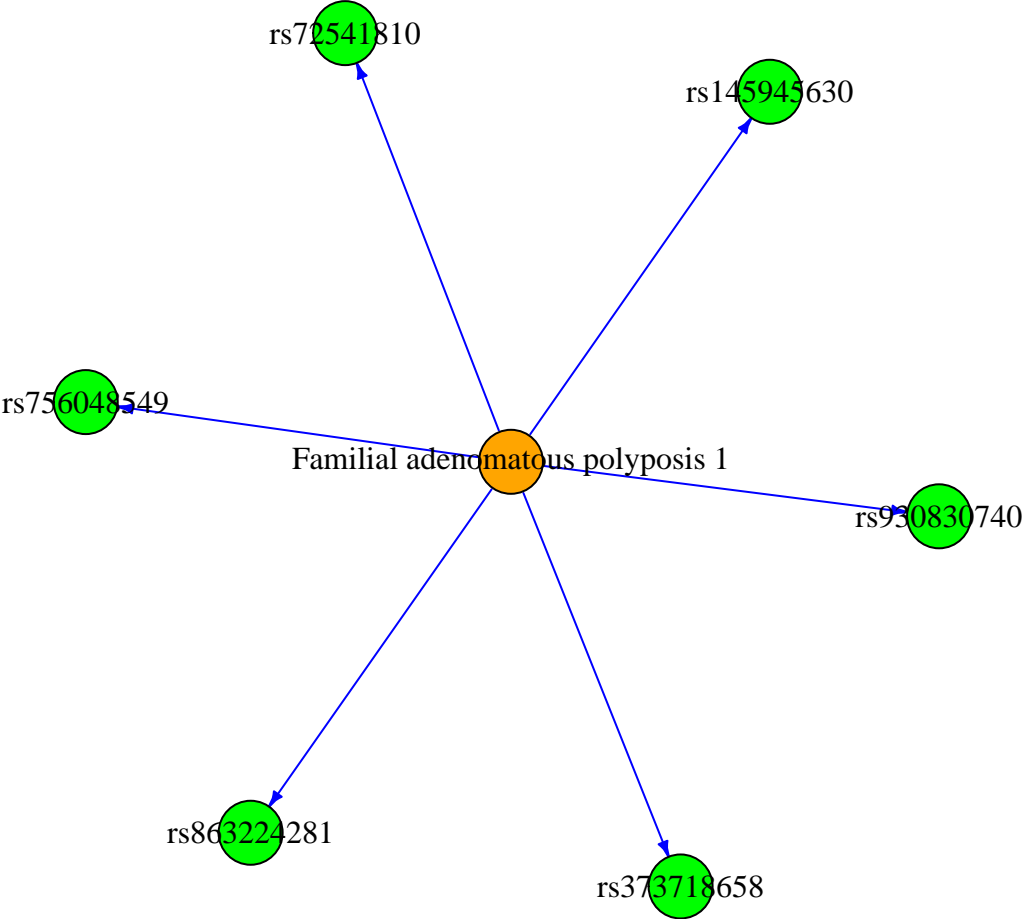


# Variant–Disease Network (Familial adenomatous polyposis)

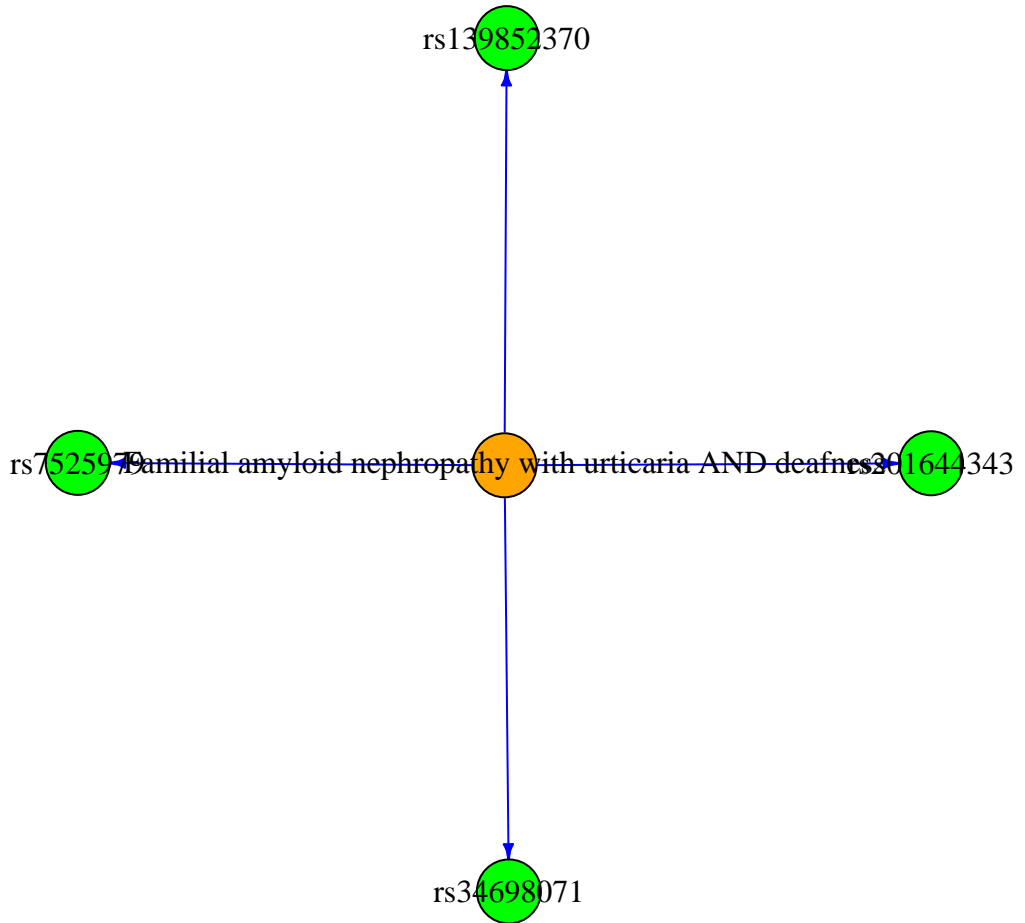




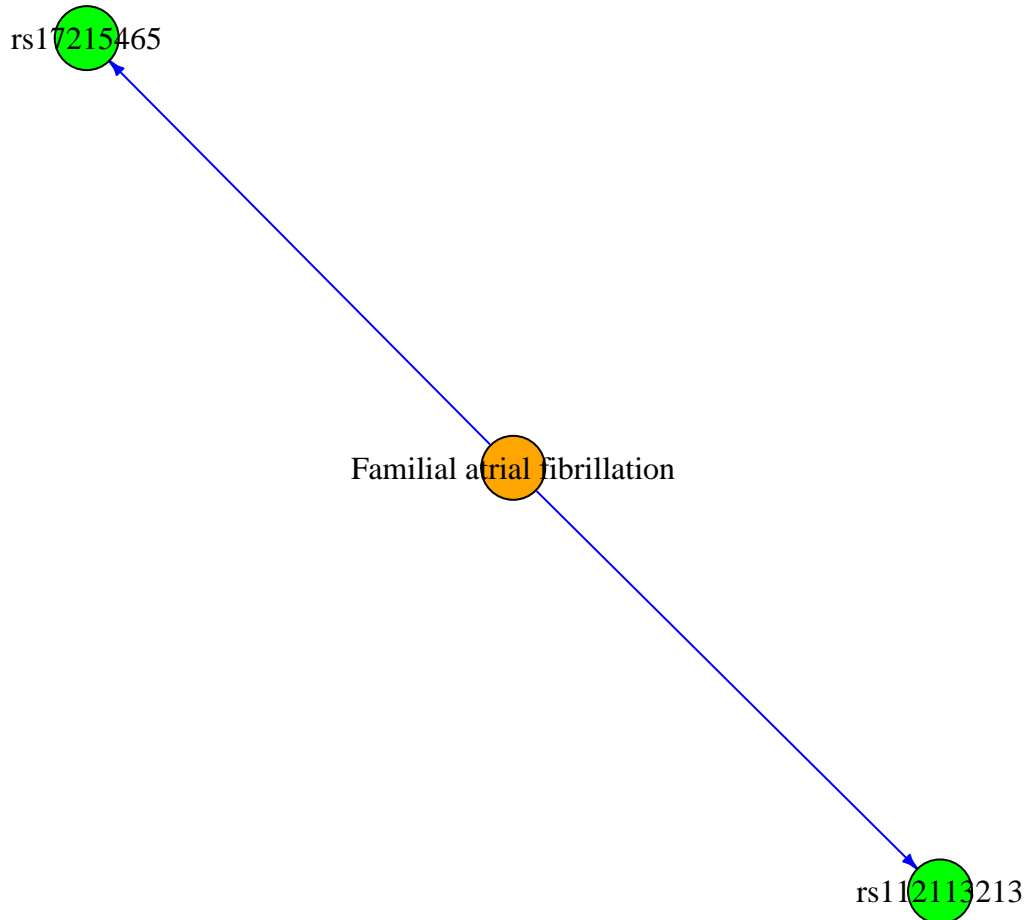
**Variant–Disease Network (Familial adenomatous polyposis 1)**



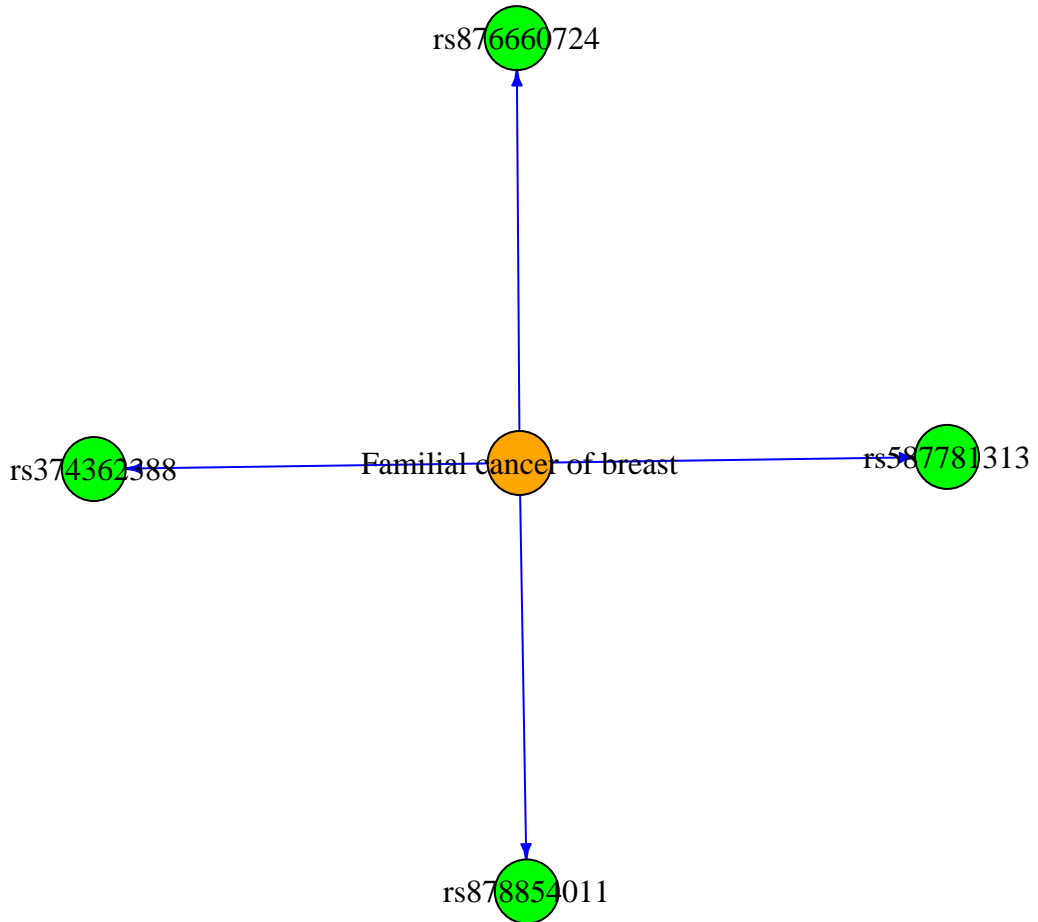
# Variant-Disease Network (Familial amyloid nephropathy with urticaria AND deafness)



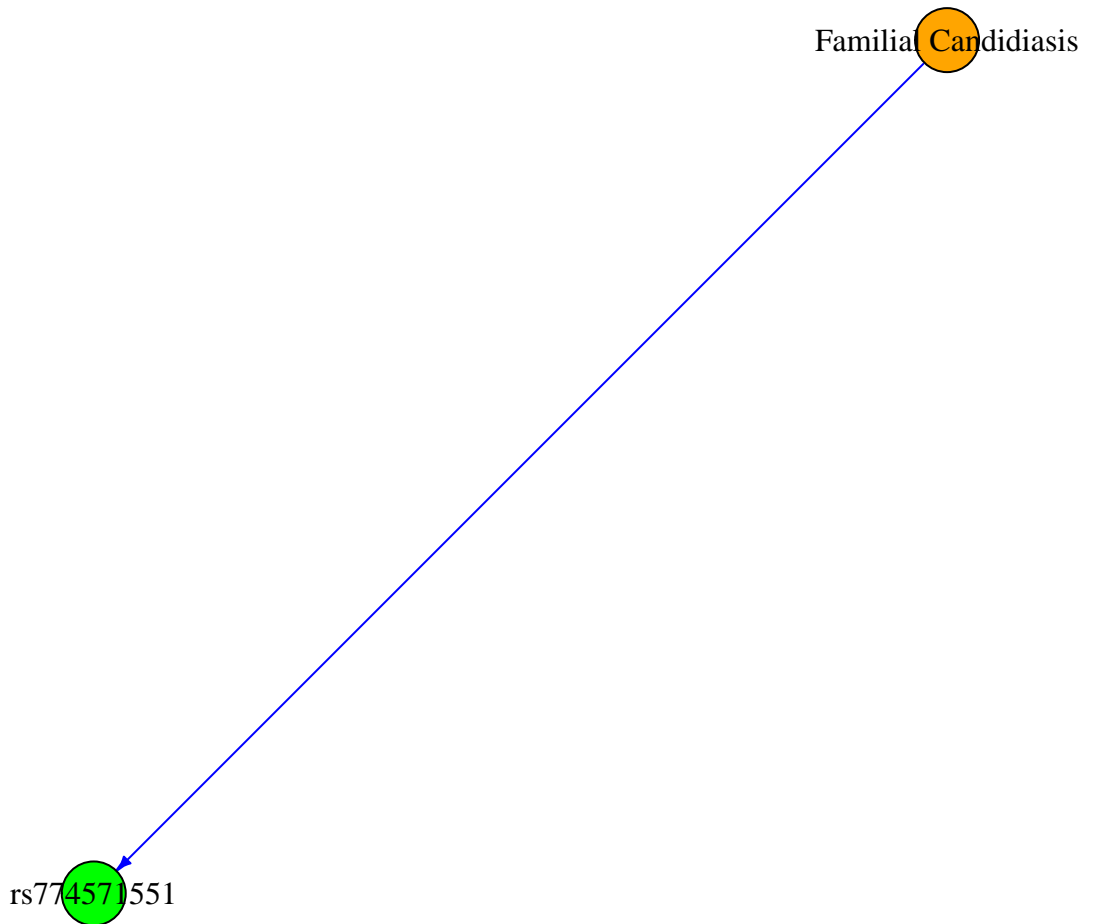
## Variant–Disease Network (Familial atrial fibrillation)



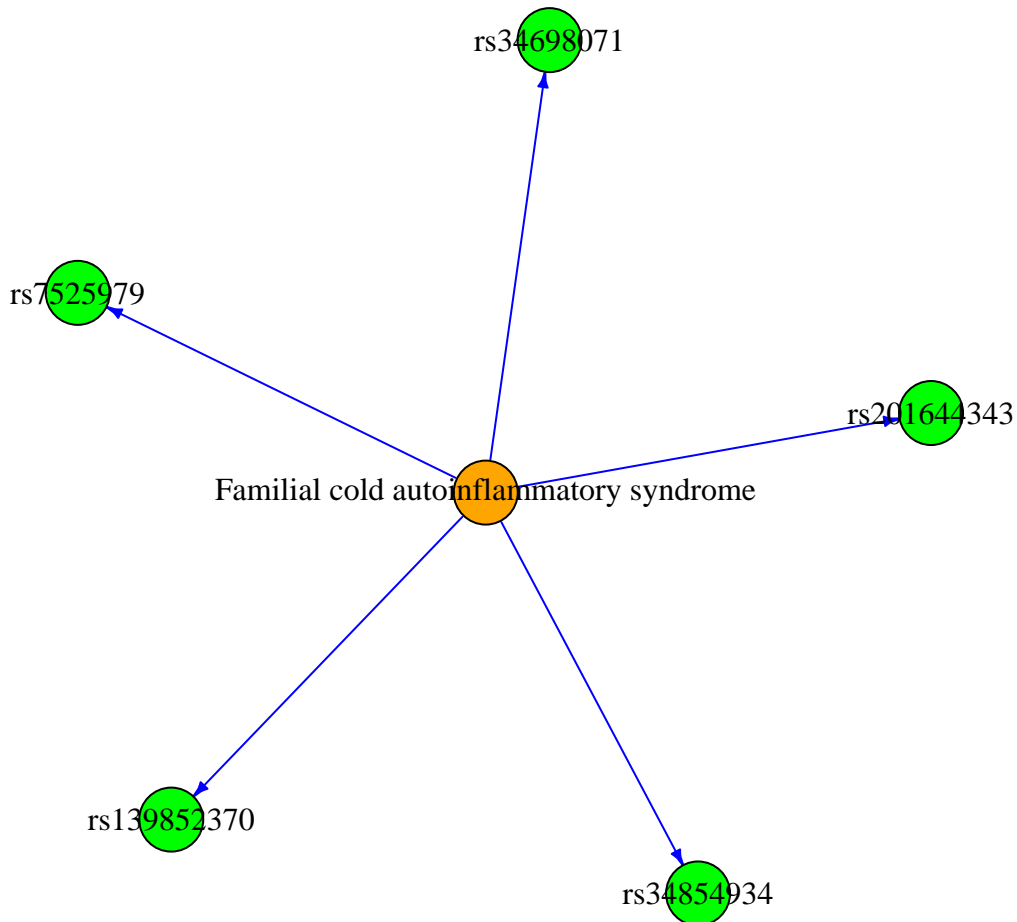
## Variant–Disease Network (Familial cancer of breast)



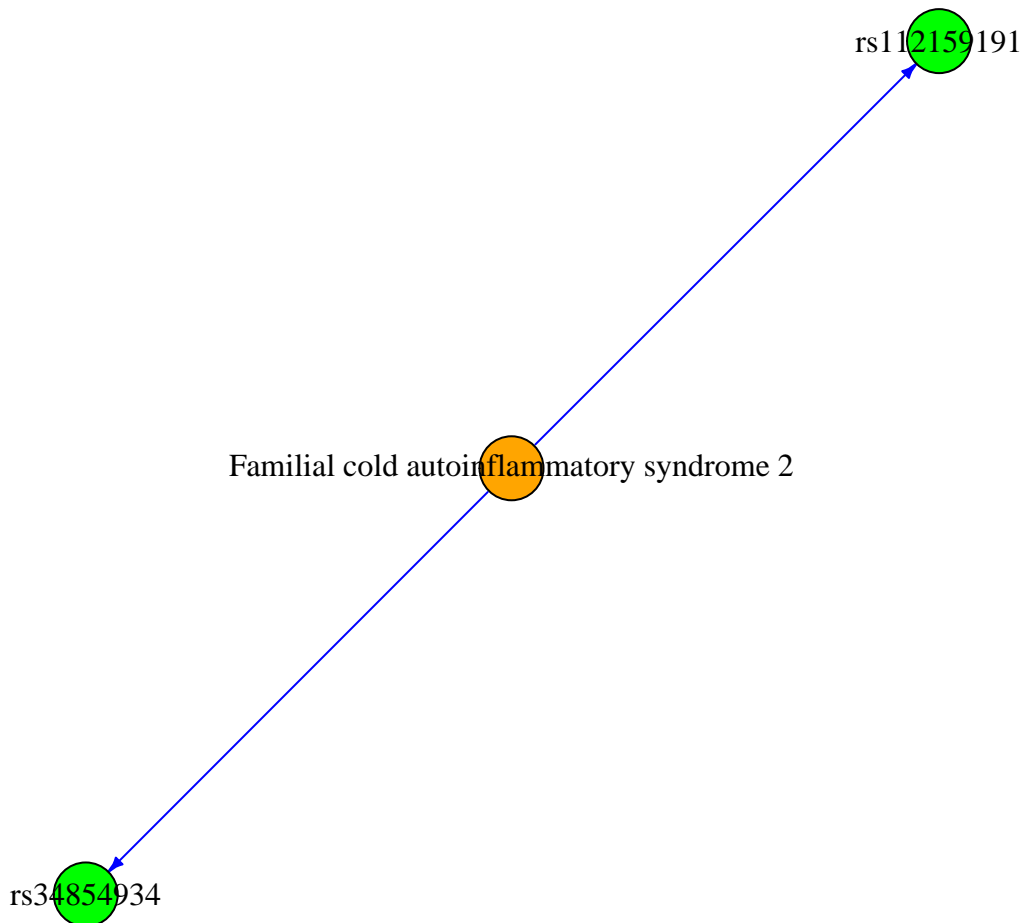
## Variant–Disease Network (Familial Candidiasis)



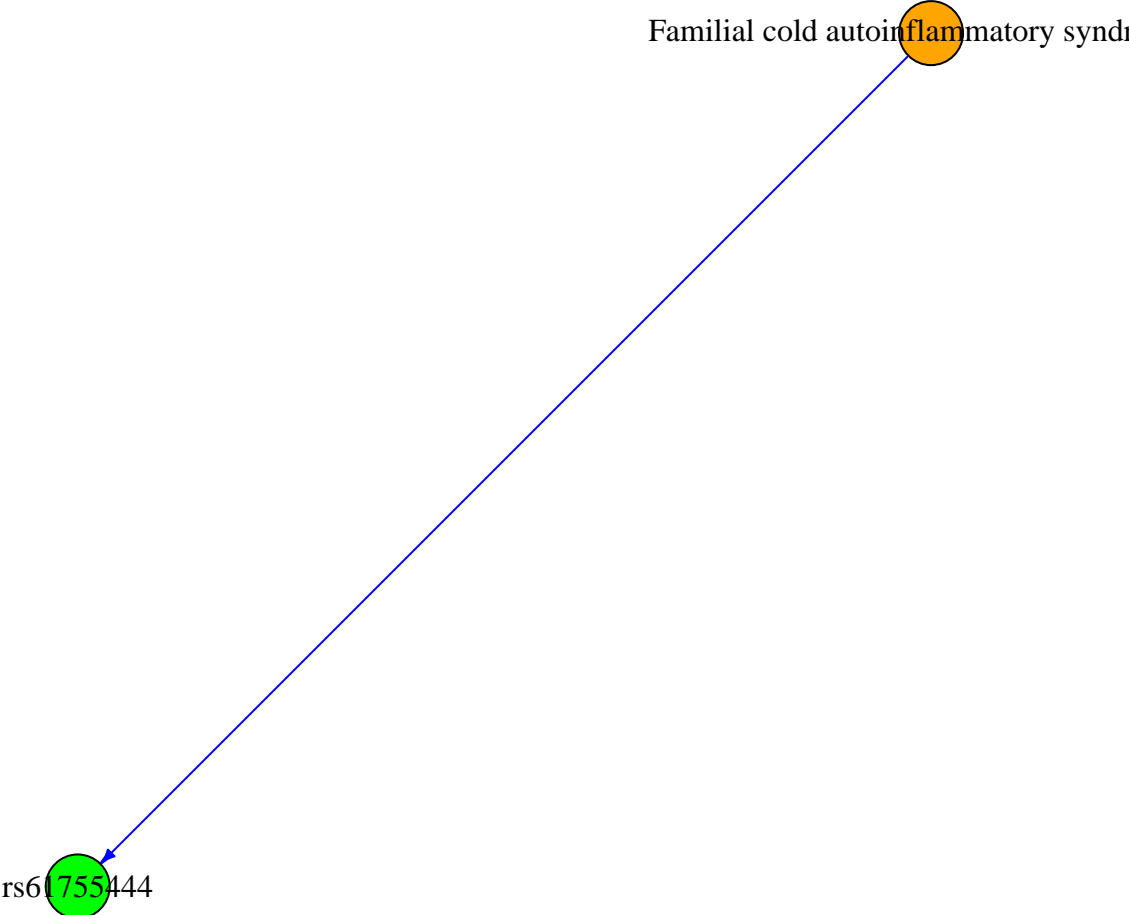
# Variant–Disease Network (Familial cold autoinflammatory syndrome)



**Variant–Disease Network (Familial cold autoinflammatory syndrome 2)**

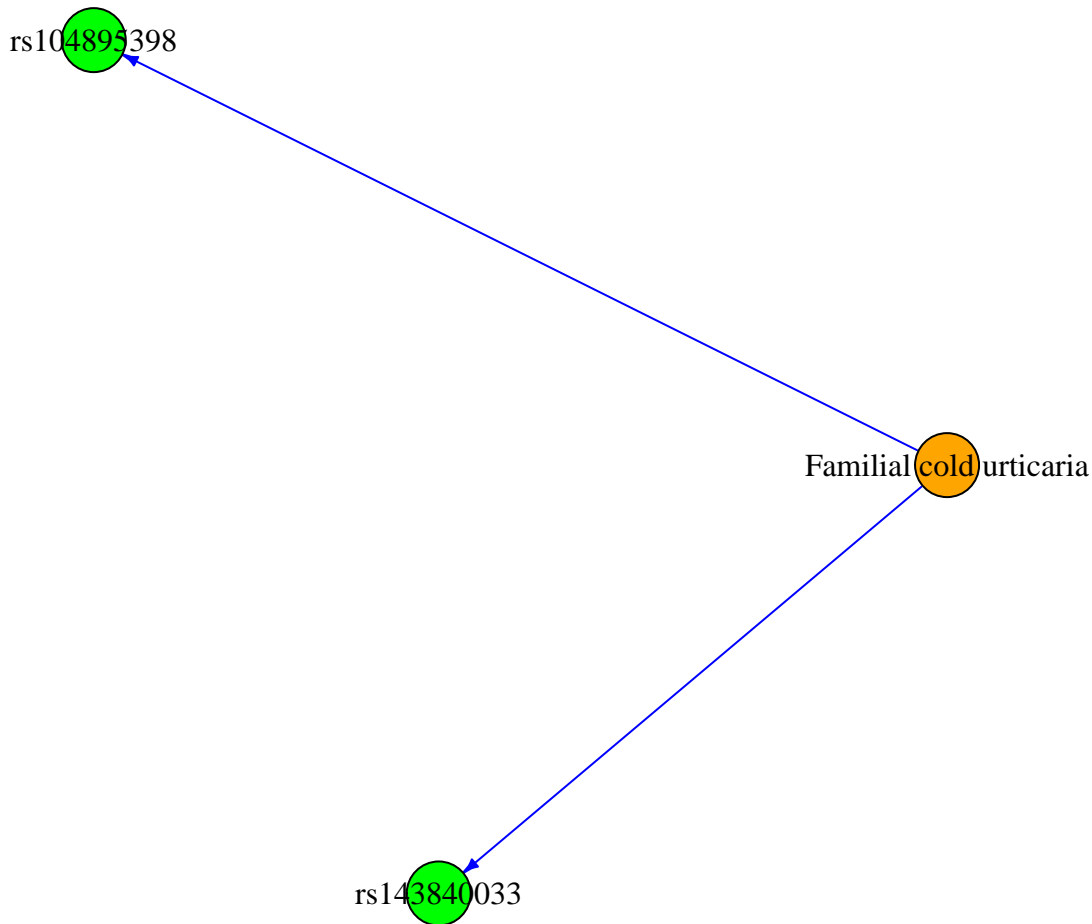


**Variant–Disease Network (Familial cold autoinflammatory syndrome 3)**

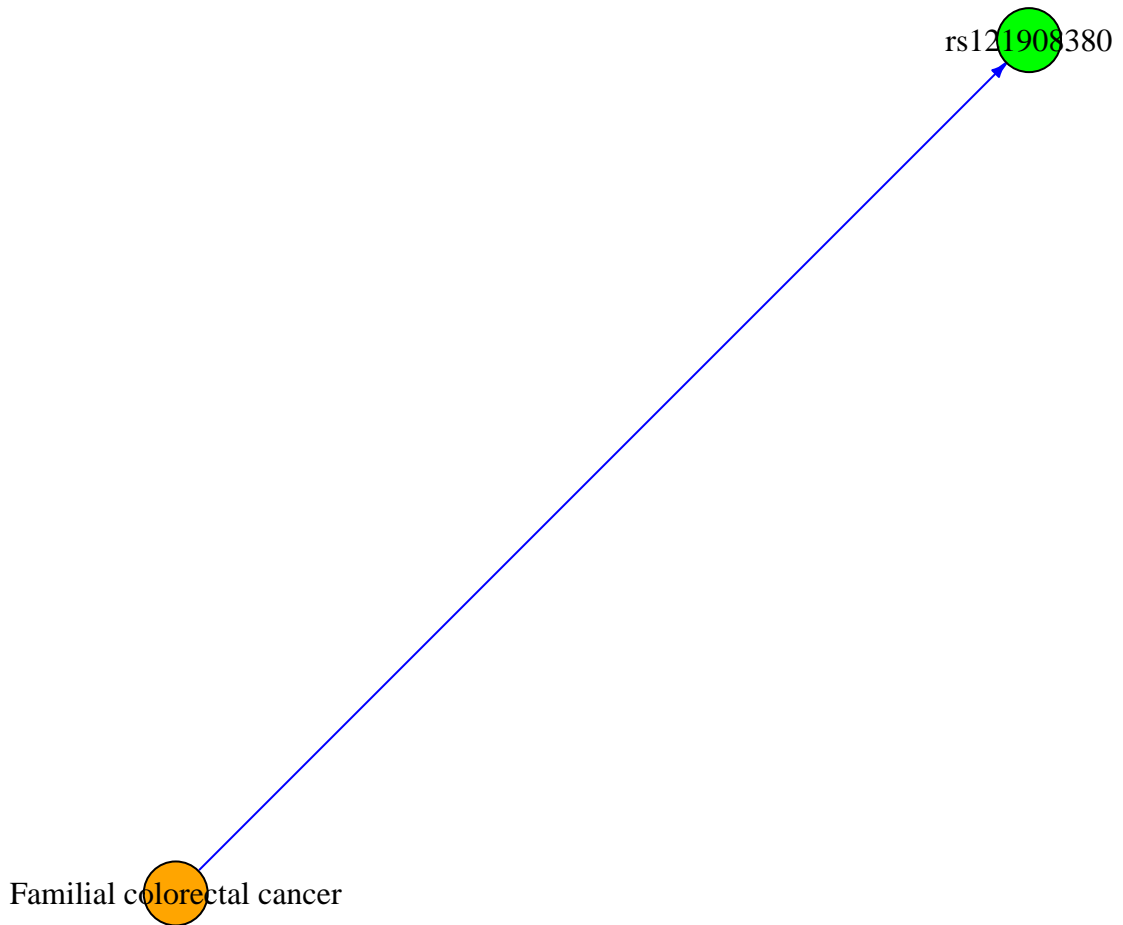




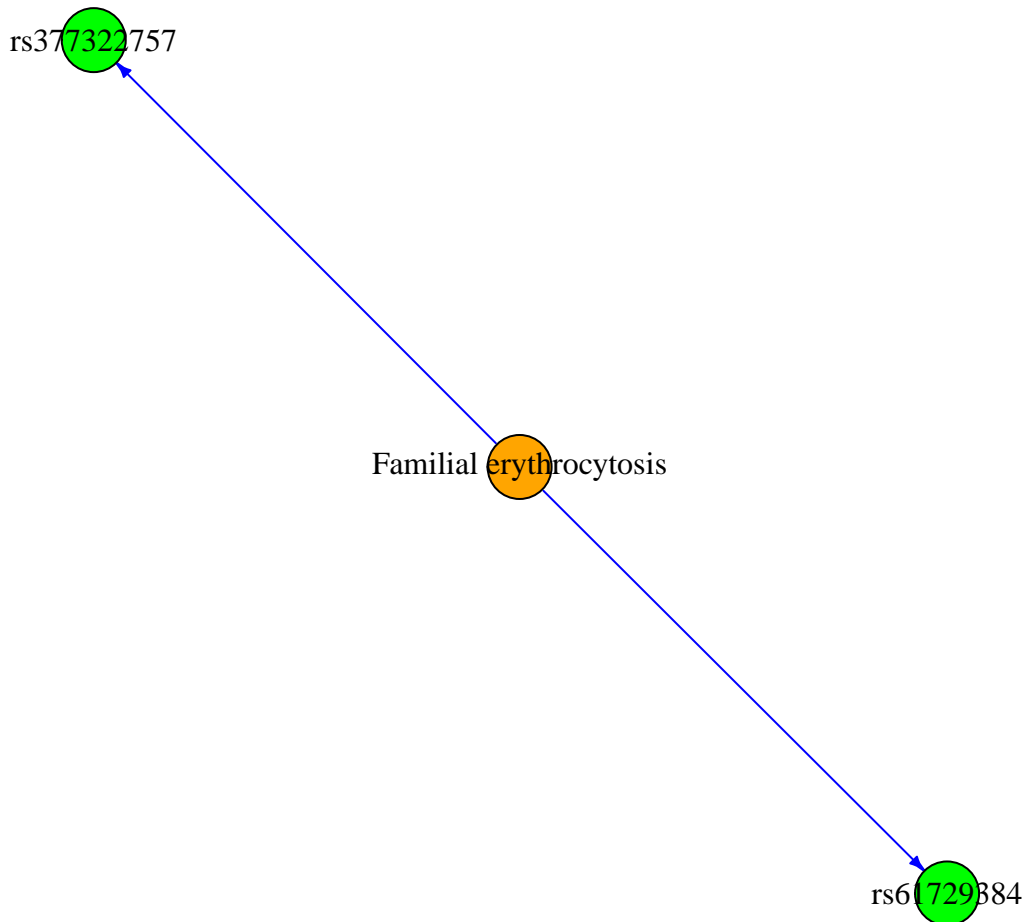
## Variant–Disease Network (Familial cold urticaria)



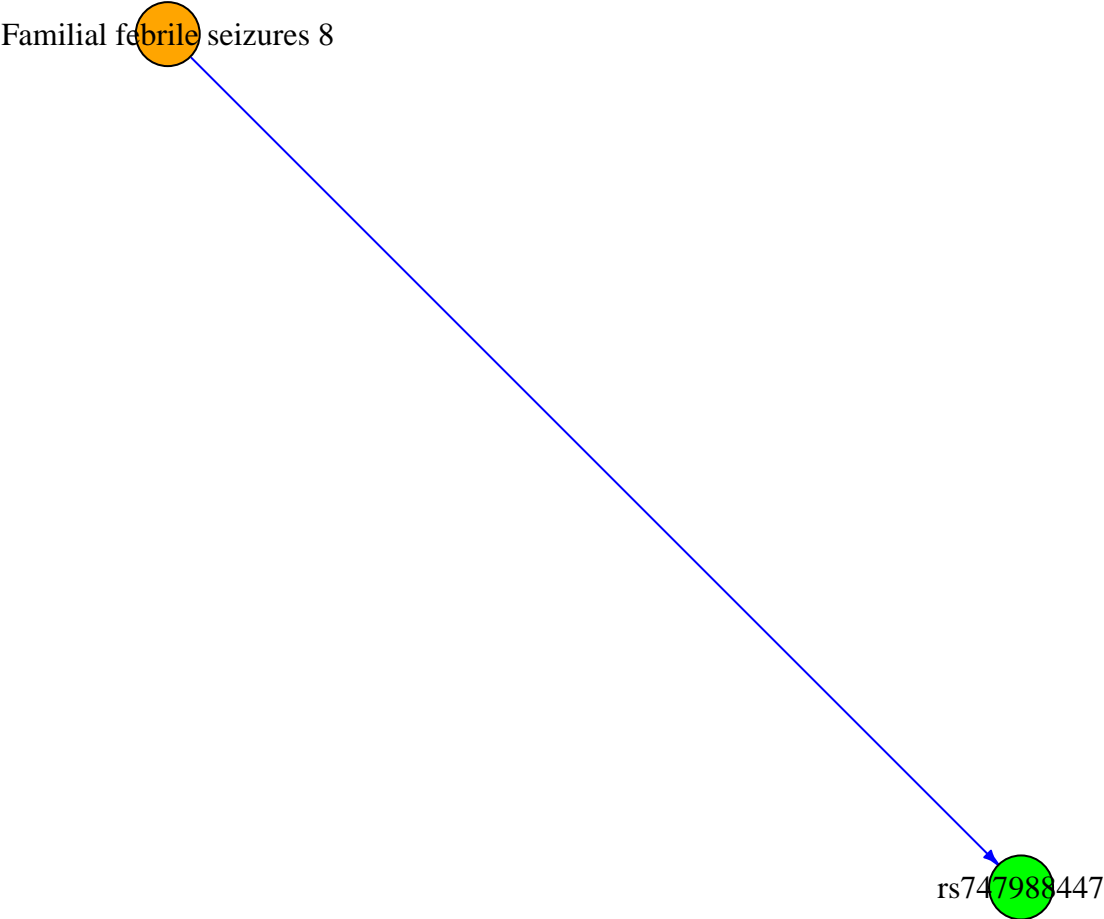
## Variant–Disease Network (Familial colorectal cancer)



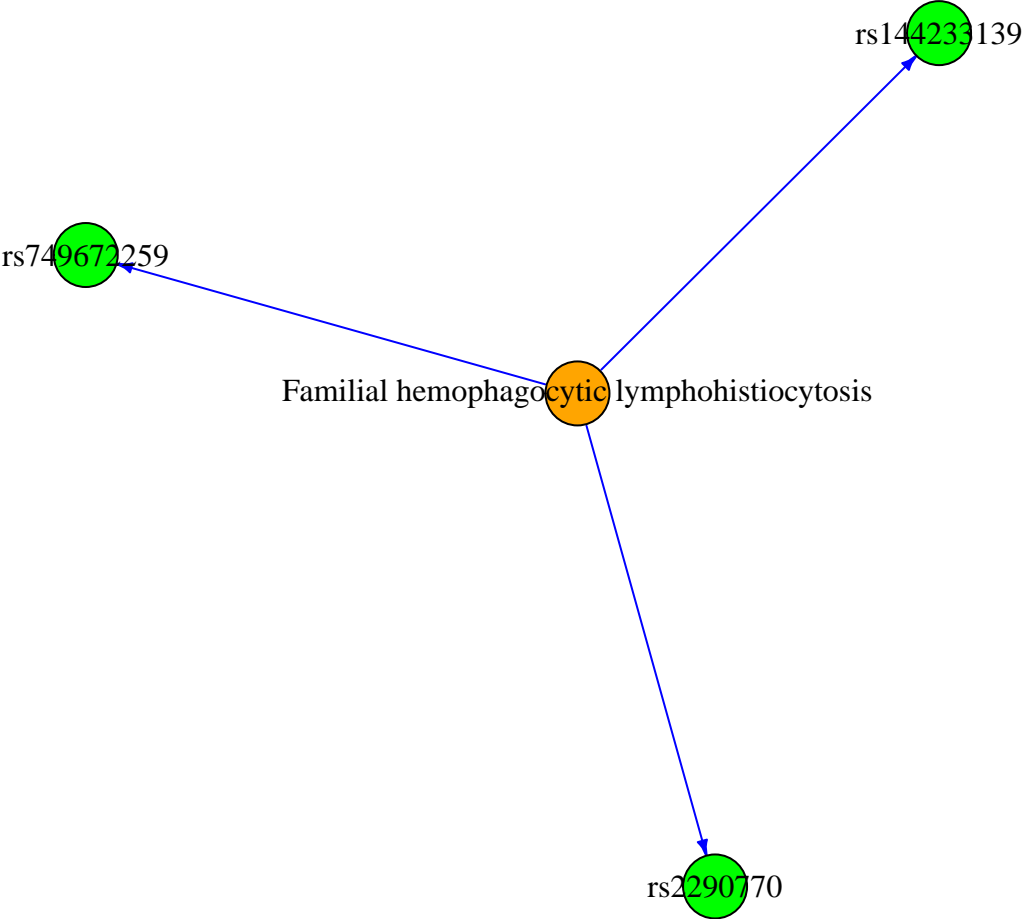
## Variant-Disease Network (Familial erythrocytosis)



Variant–Disease Network (Familial febrile seizures 8)



Variant–Disease Network (Familial hemophagocytic lymphohistiocytosis)

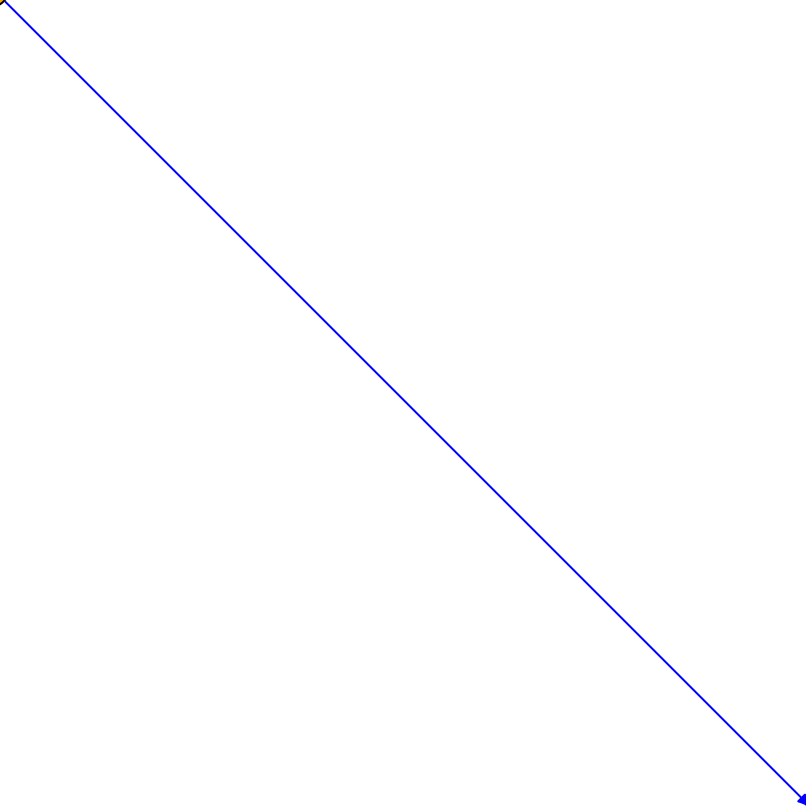


# Variant-Disease Network (Familial High Density Lipoprotein Deficiency)

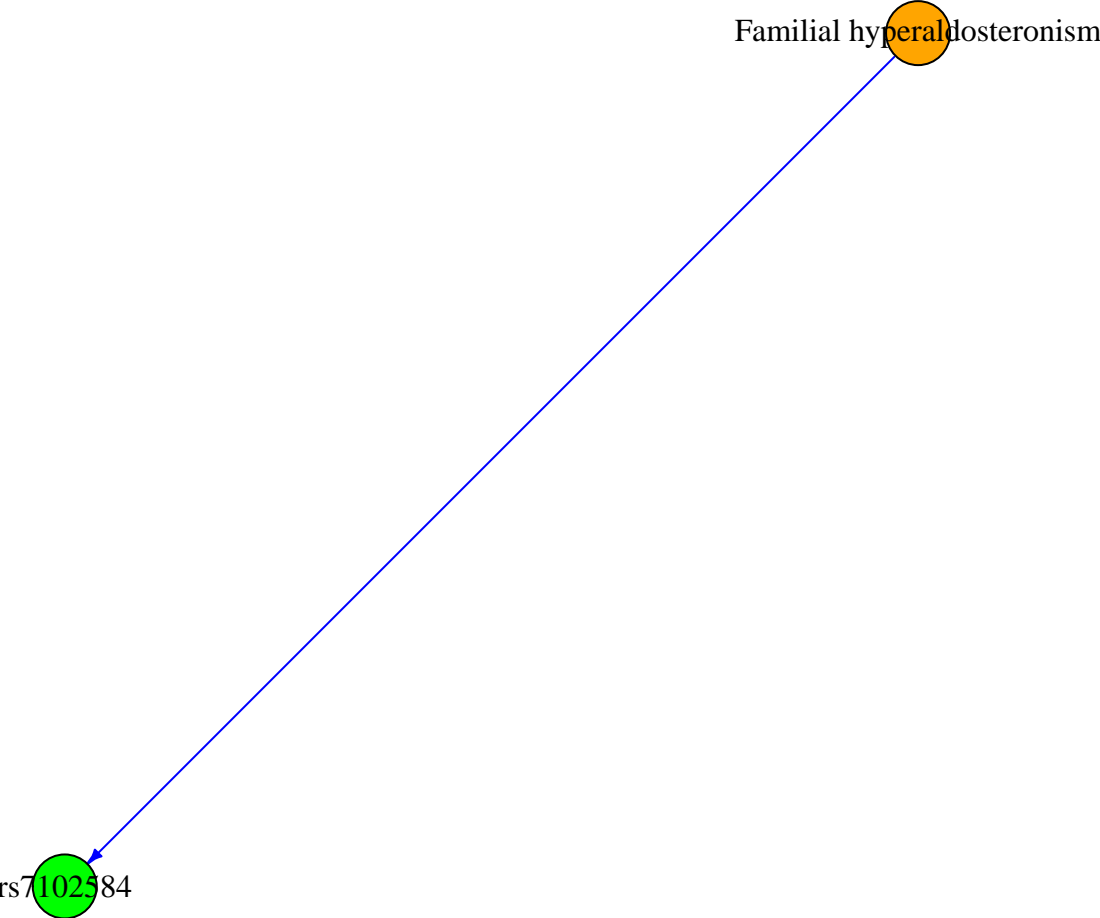
Familial High Density Lipoprotein Deficiency



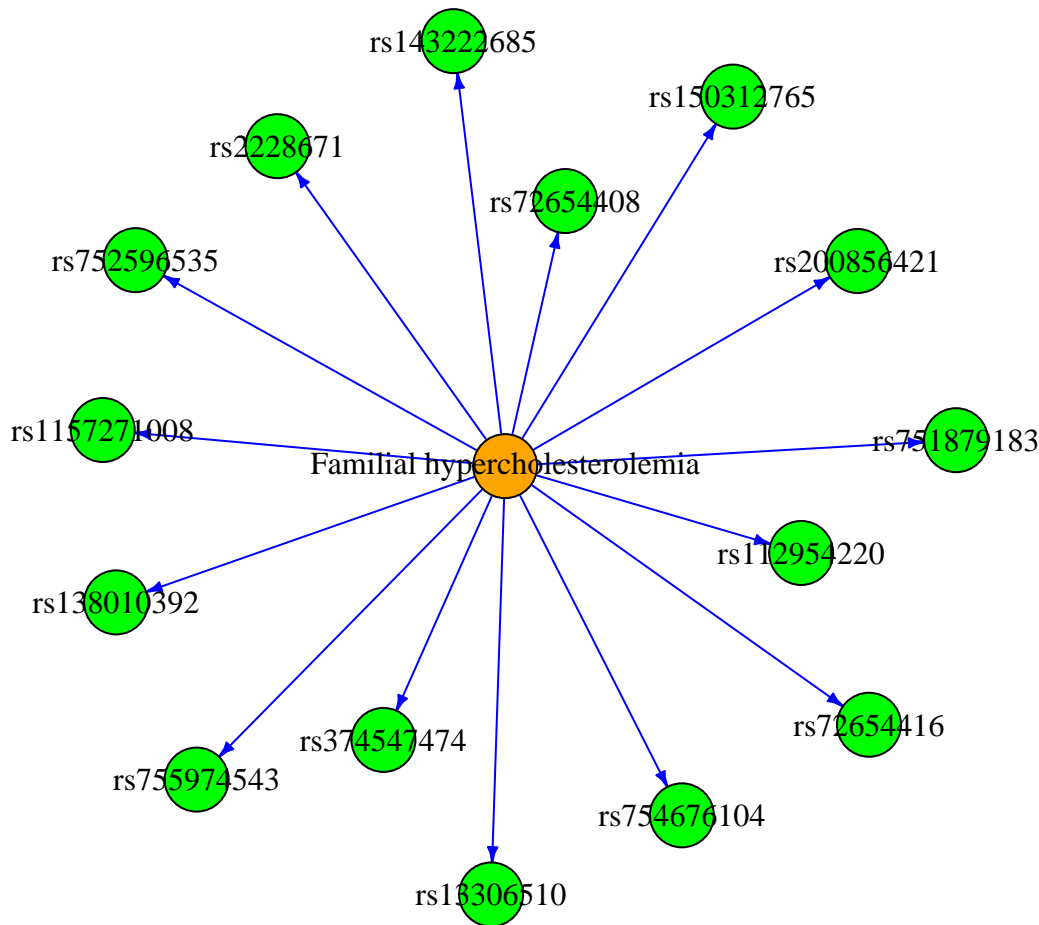
rs34879708



Variant–Disease Network (Familial hyperaldosteronism)



**Variant–Disease Network (Familial hypercholesterolemia)**

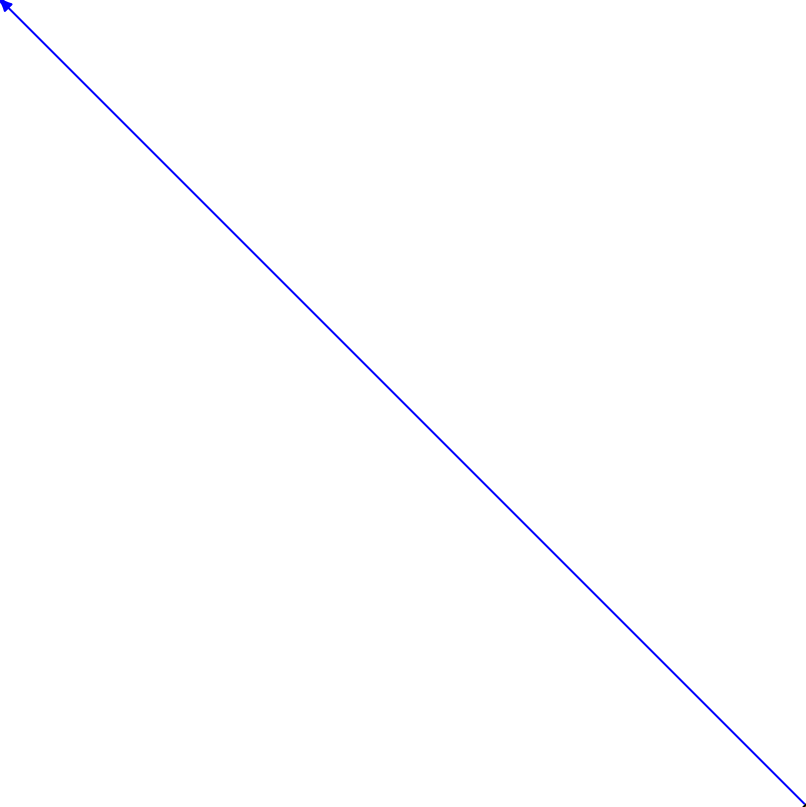




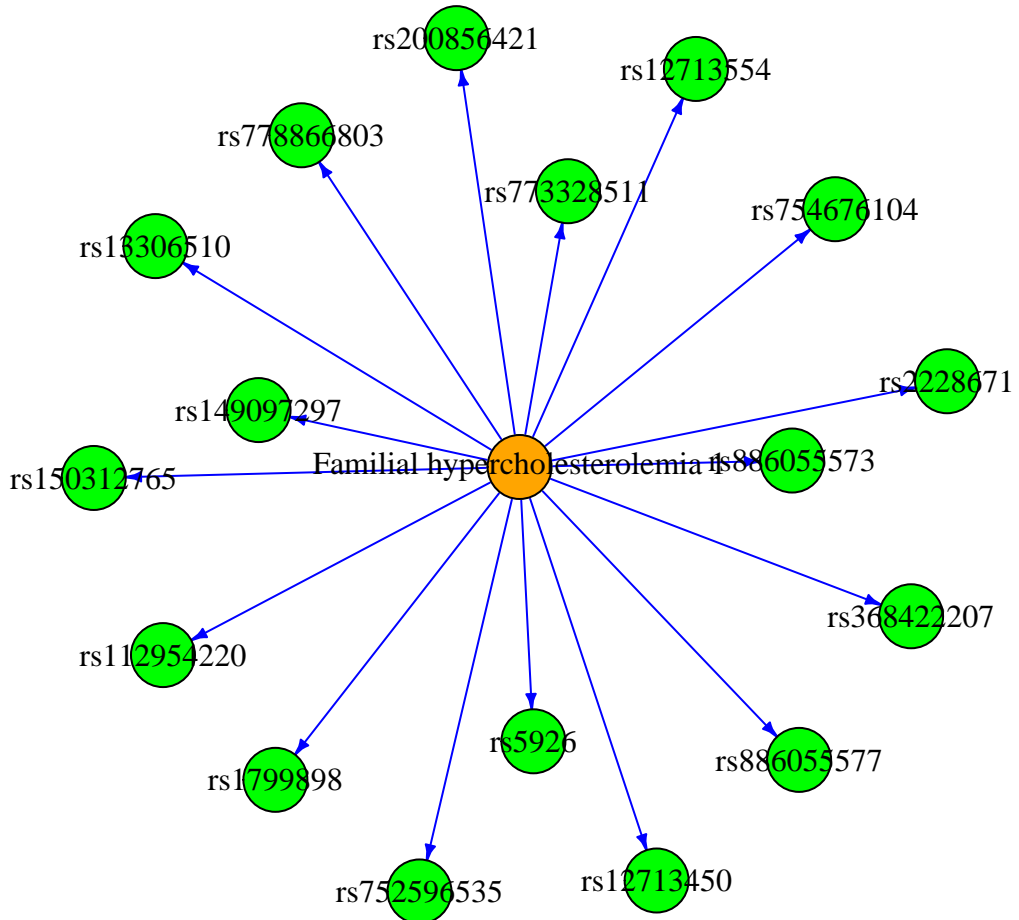
**Variant–Disease Network (Familial hypercholesterolemia – homozygous)**

rs752596535

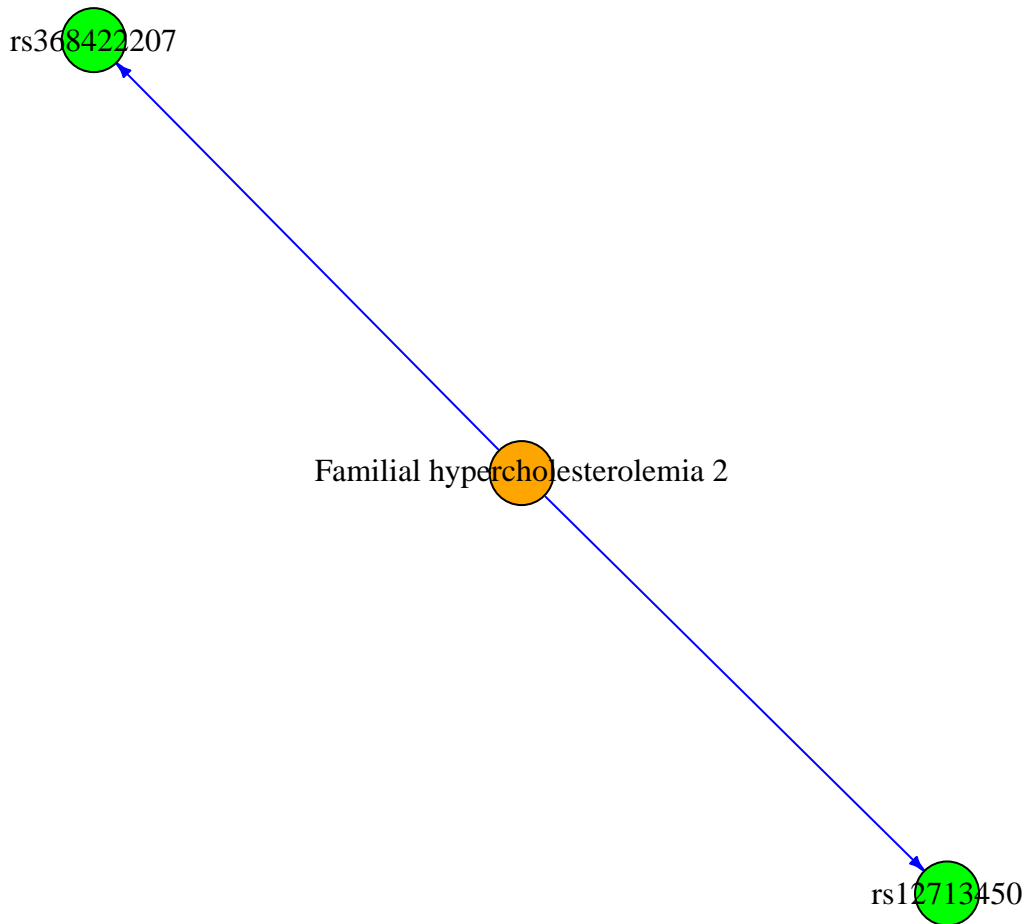
Familial hypercholesterolemia – homozygous



# Variant–Disease Network (Familial hypercholesterolemia 1)



## Variant–Disease Network (Familial hypercholesterolemia 2)

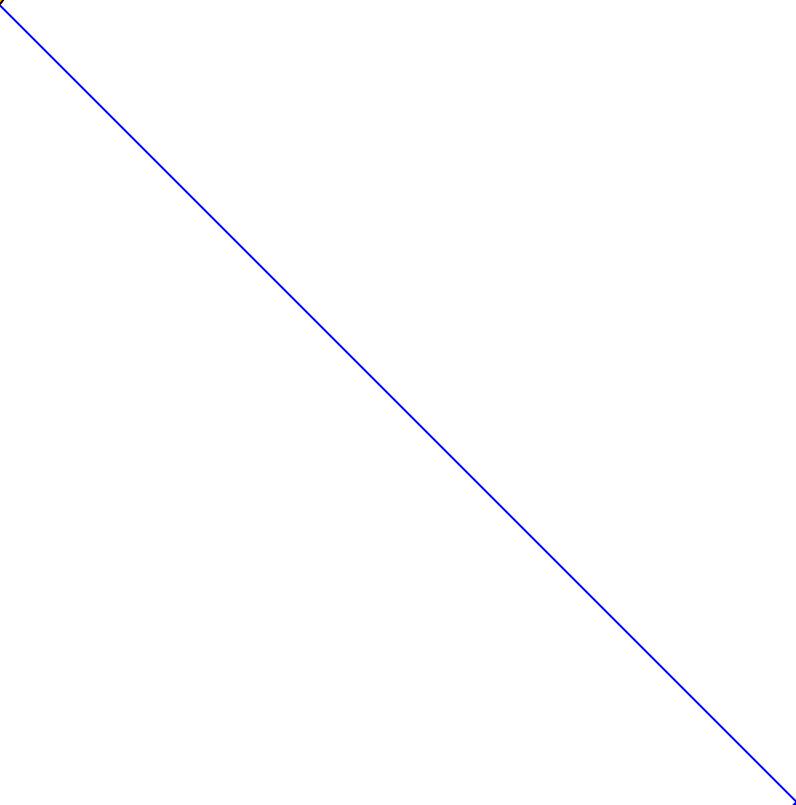


# Variant–Disease Network (Familial hypertrophic cardiomyopathy 1)

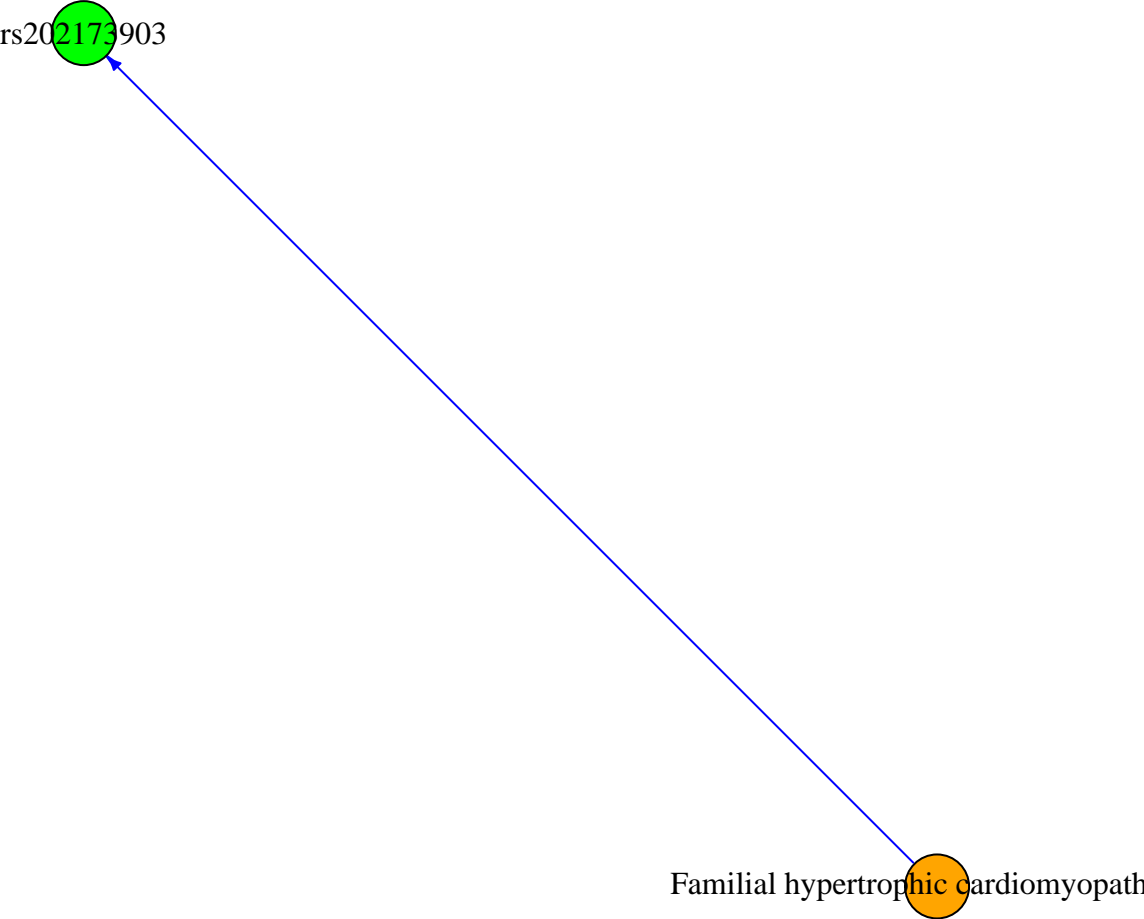
Familial hypertrophic cardiomyopathy 1



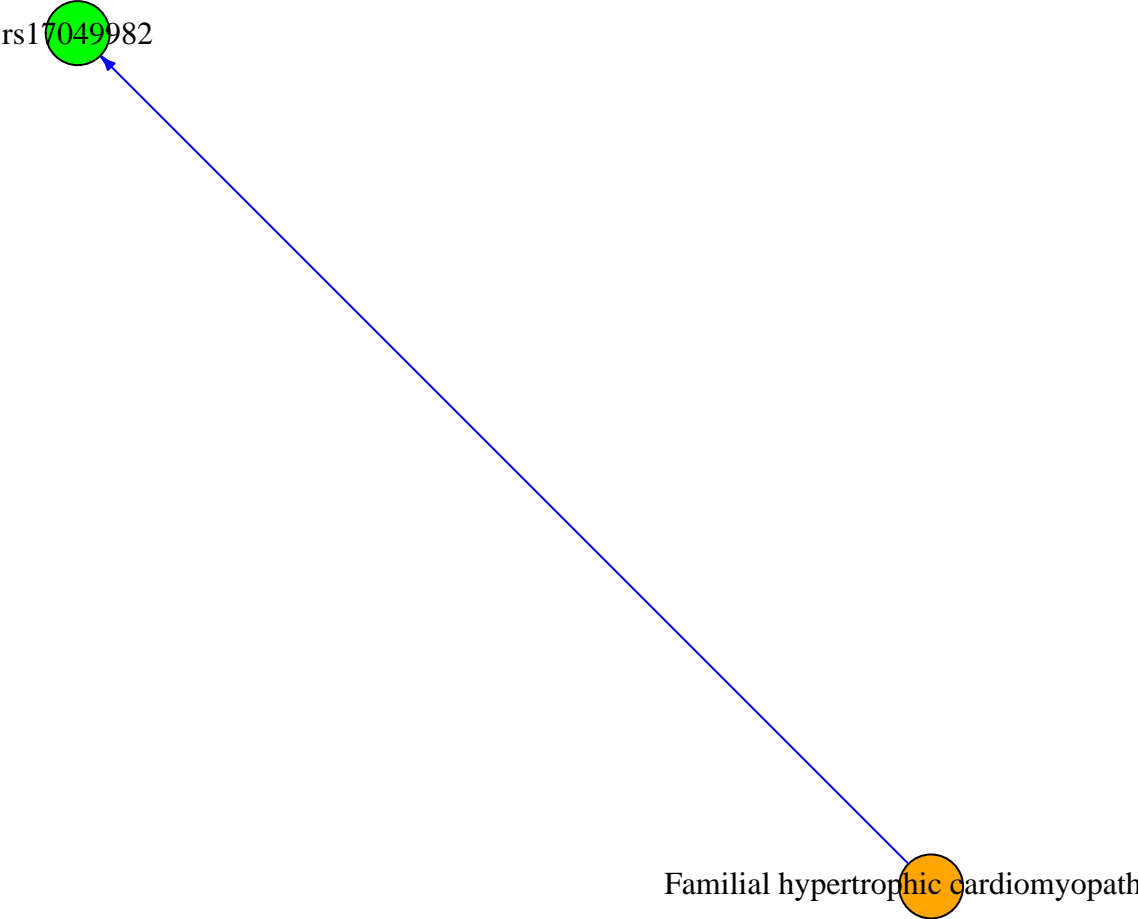
rs374538348



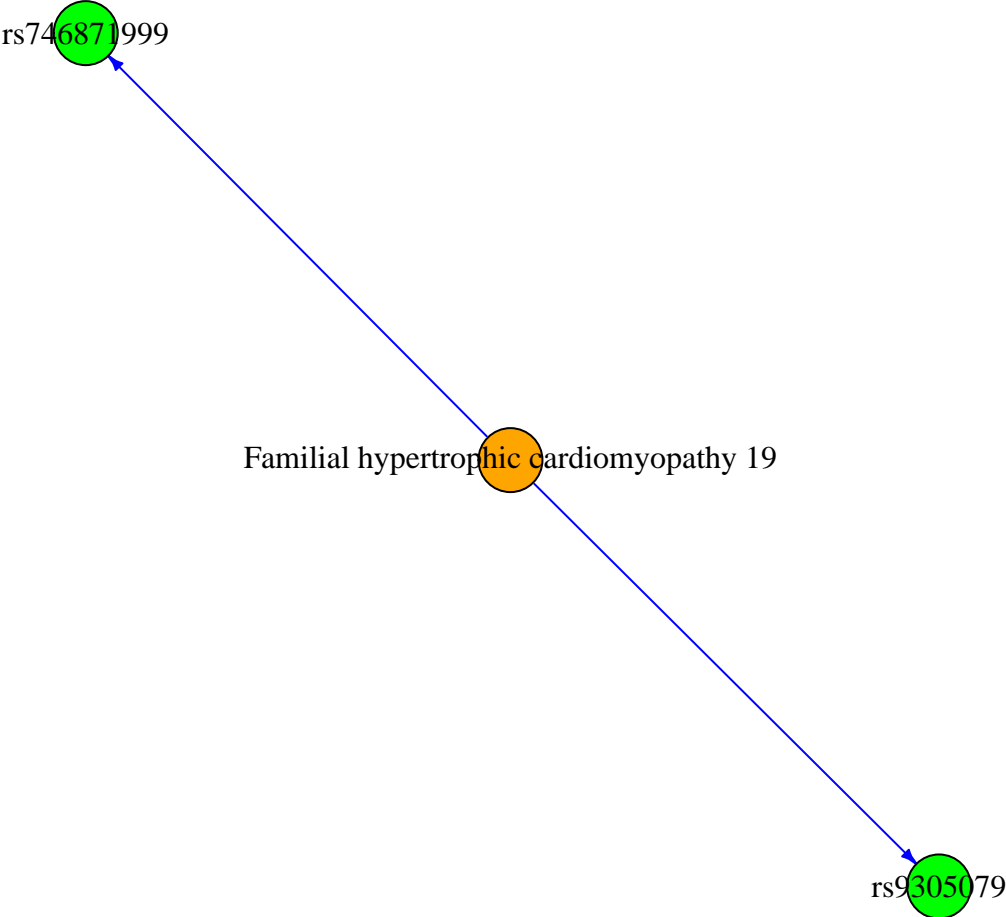
**Variant–Disease Network (Familial hypertrophic cardiomyopathy 13)**



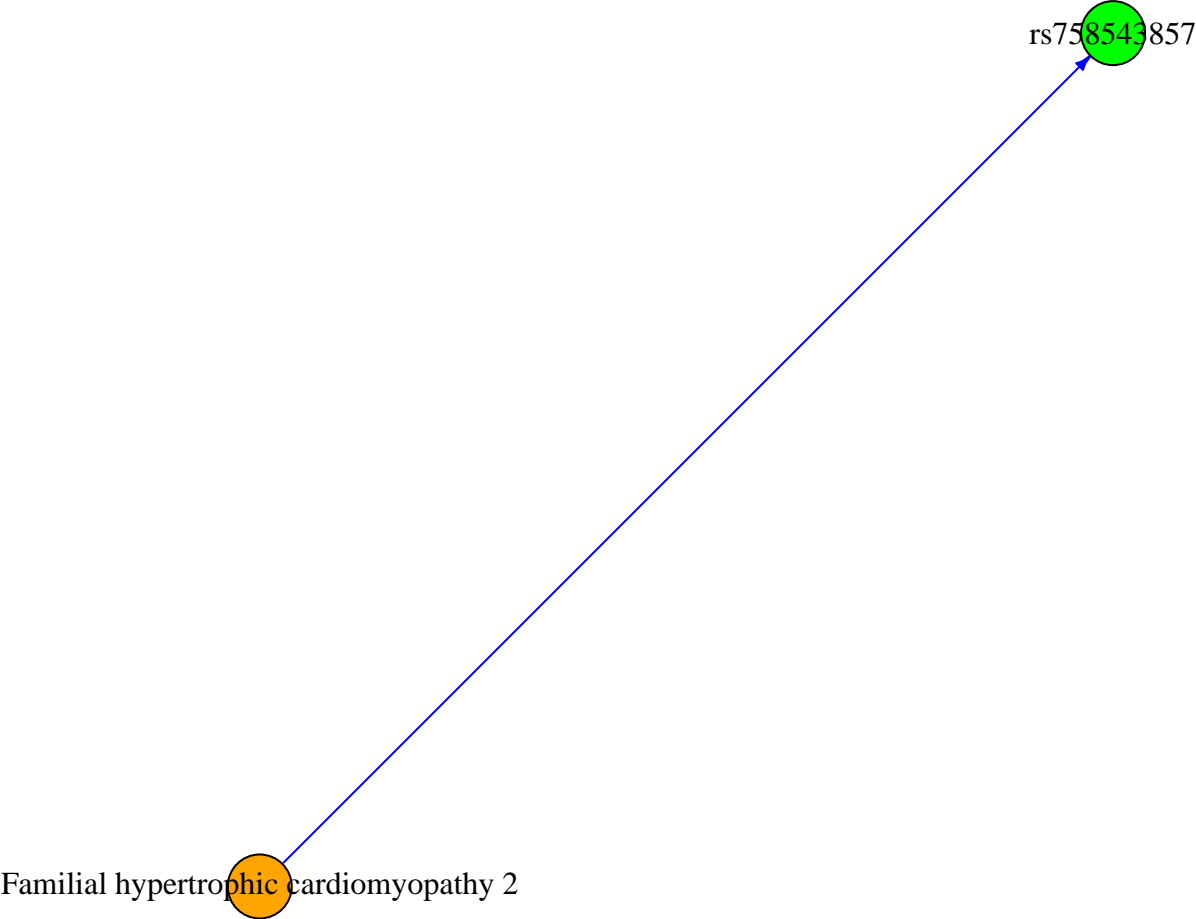
**Variant–Disease Network (Familial hypertrophic cardiomyopathy 16)**



**Variant–Disease Network (Familial hypertrophic cardiomyopathy 19)**

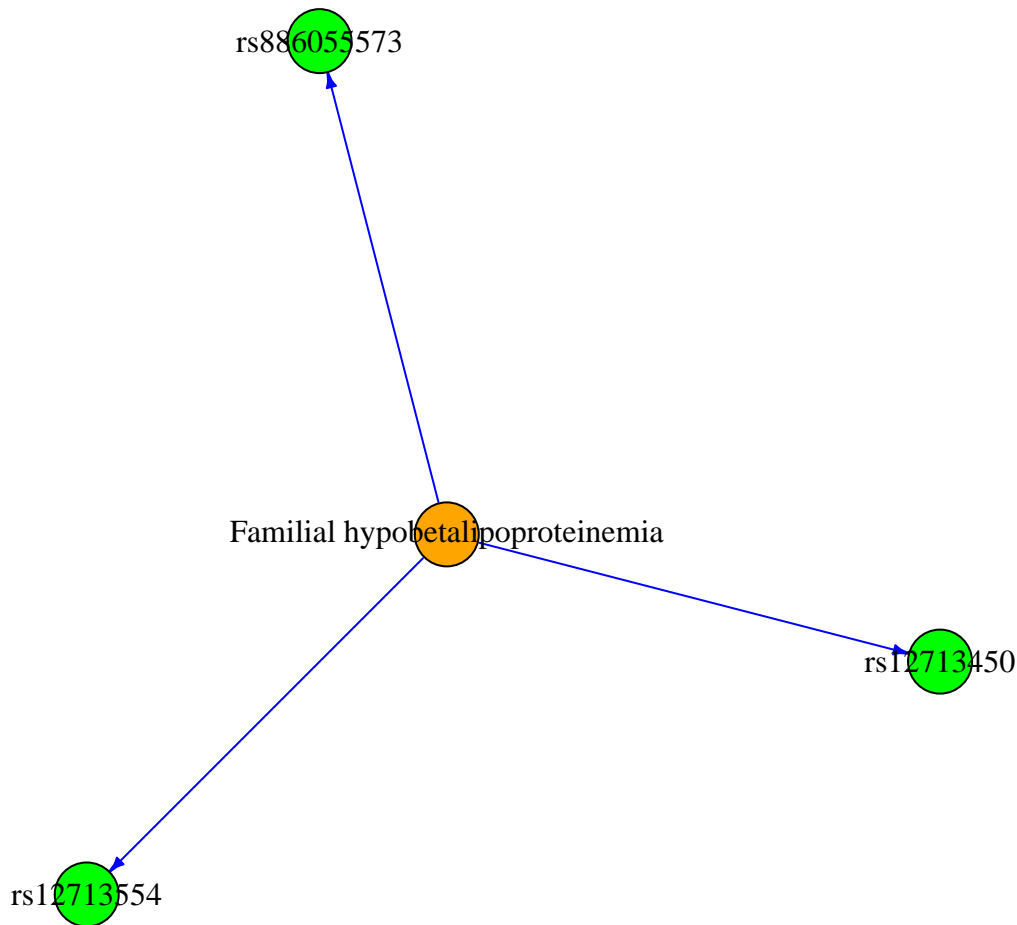


**Variant–Disease Network (Familial hypertrophic cardiomyopathy 2)**

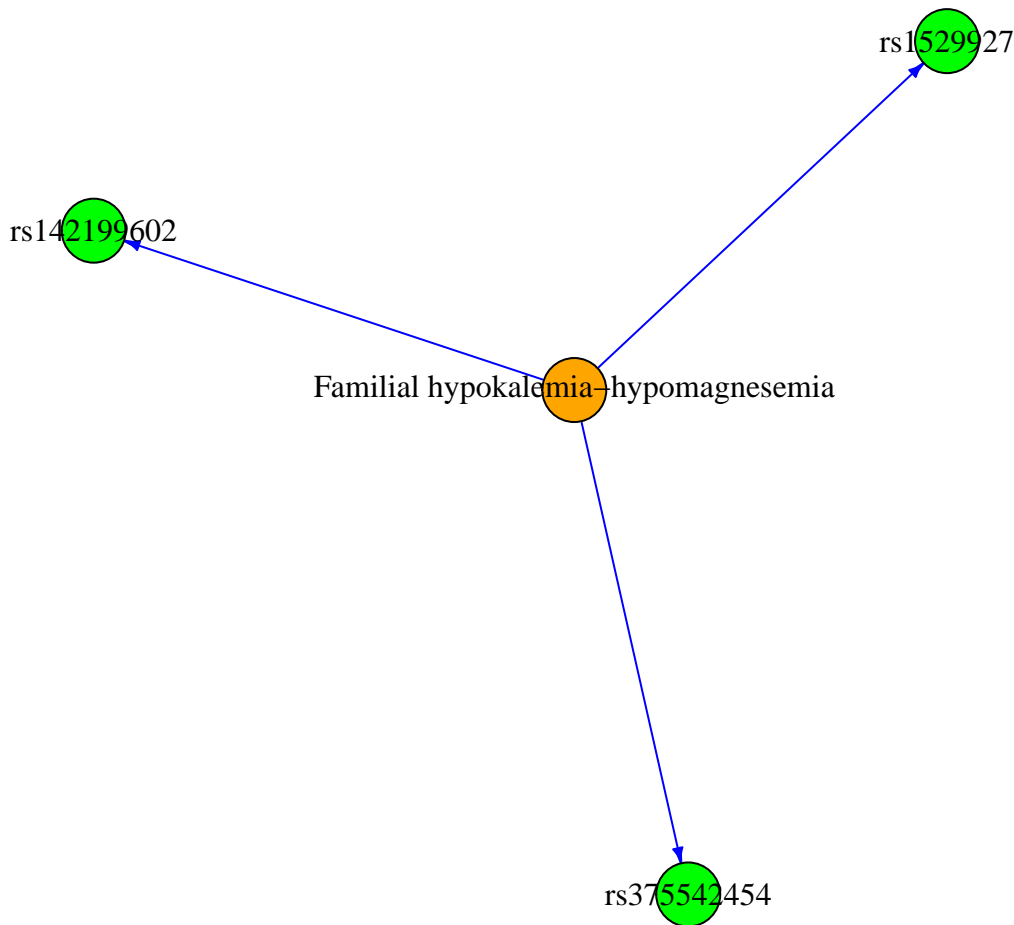




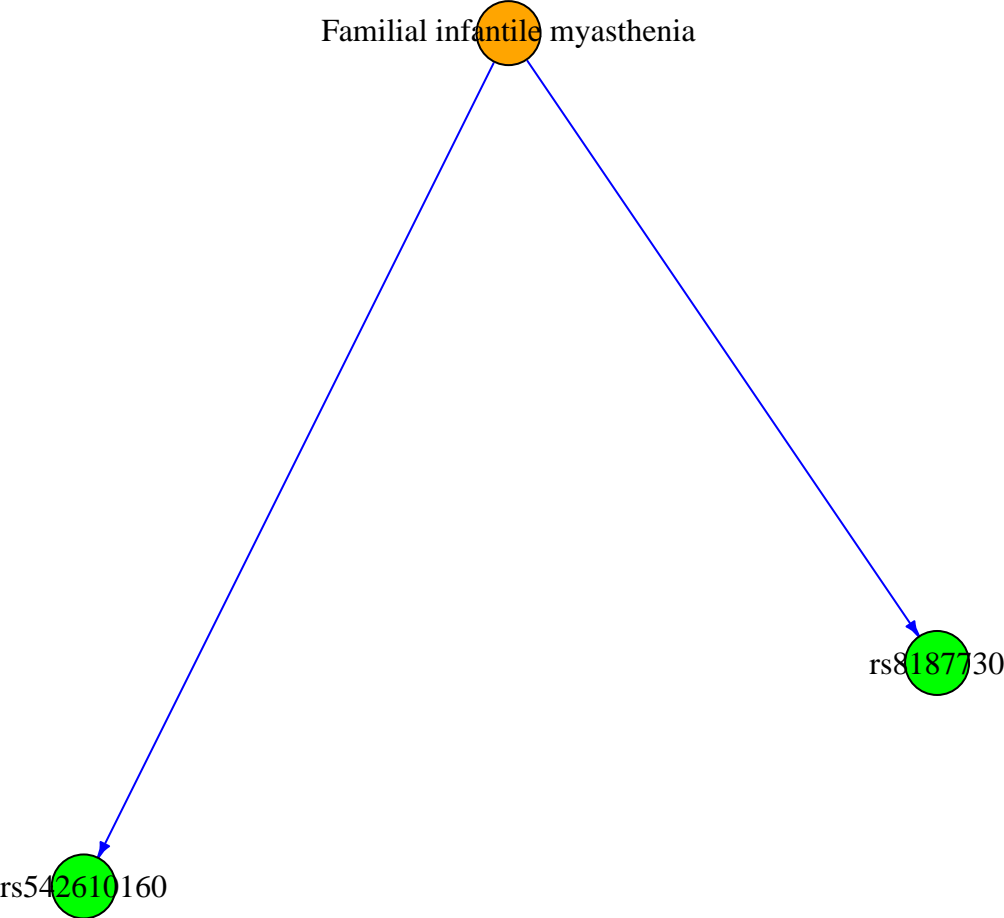
## Variant–Disease Network (Familial hypobetalipoproteinemia)



# Variant–Disease Network (Familial hypokalemia–hypomagnesemia)



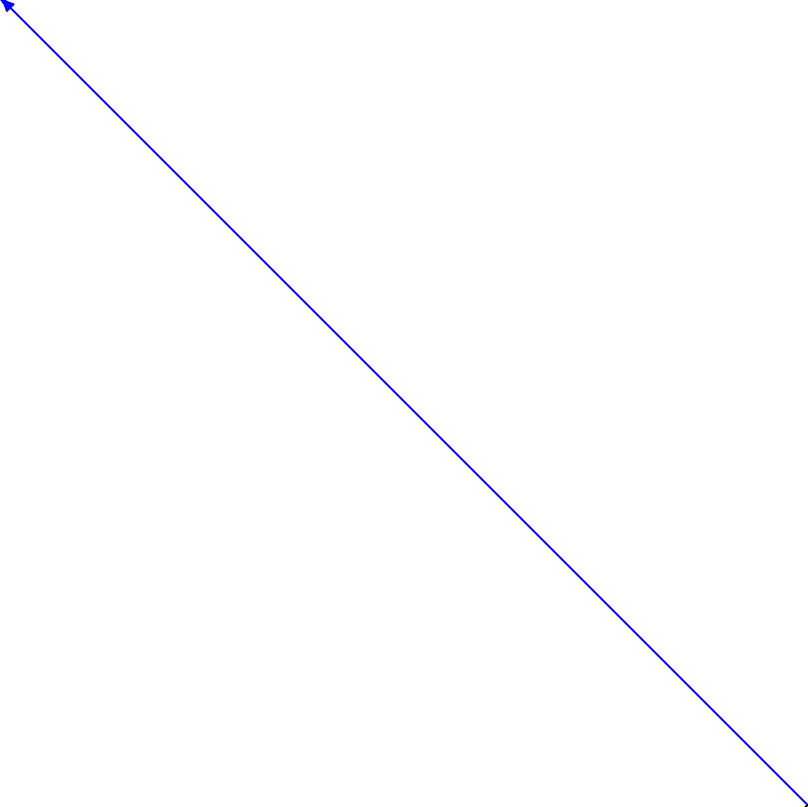
**Variant–Disease Network (Familial infantile myasthenia)**



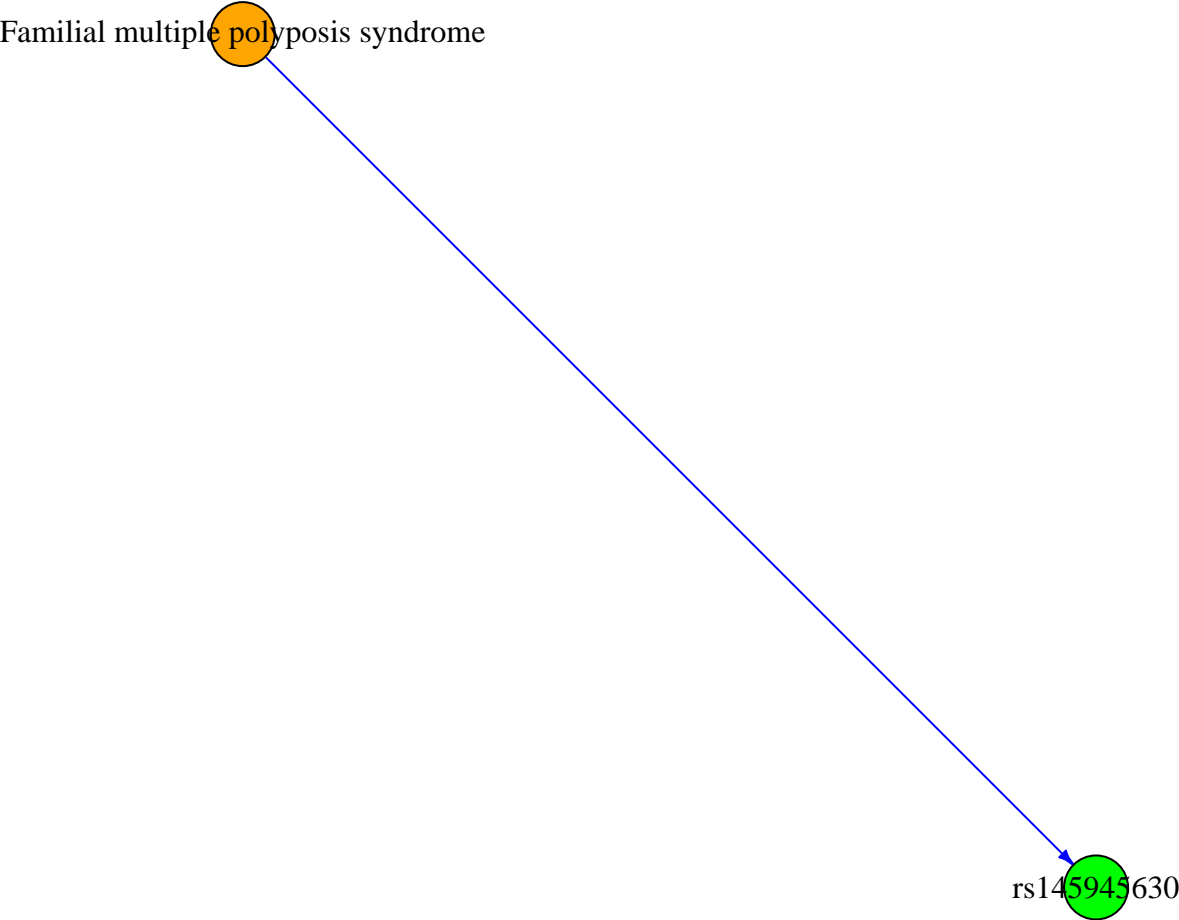
# Variant–Disease Network (Familial medullary thyroid carcinoma)

rs137979116

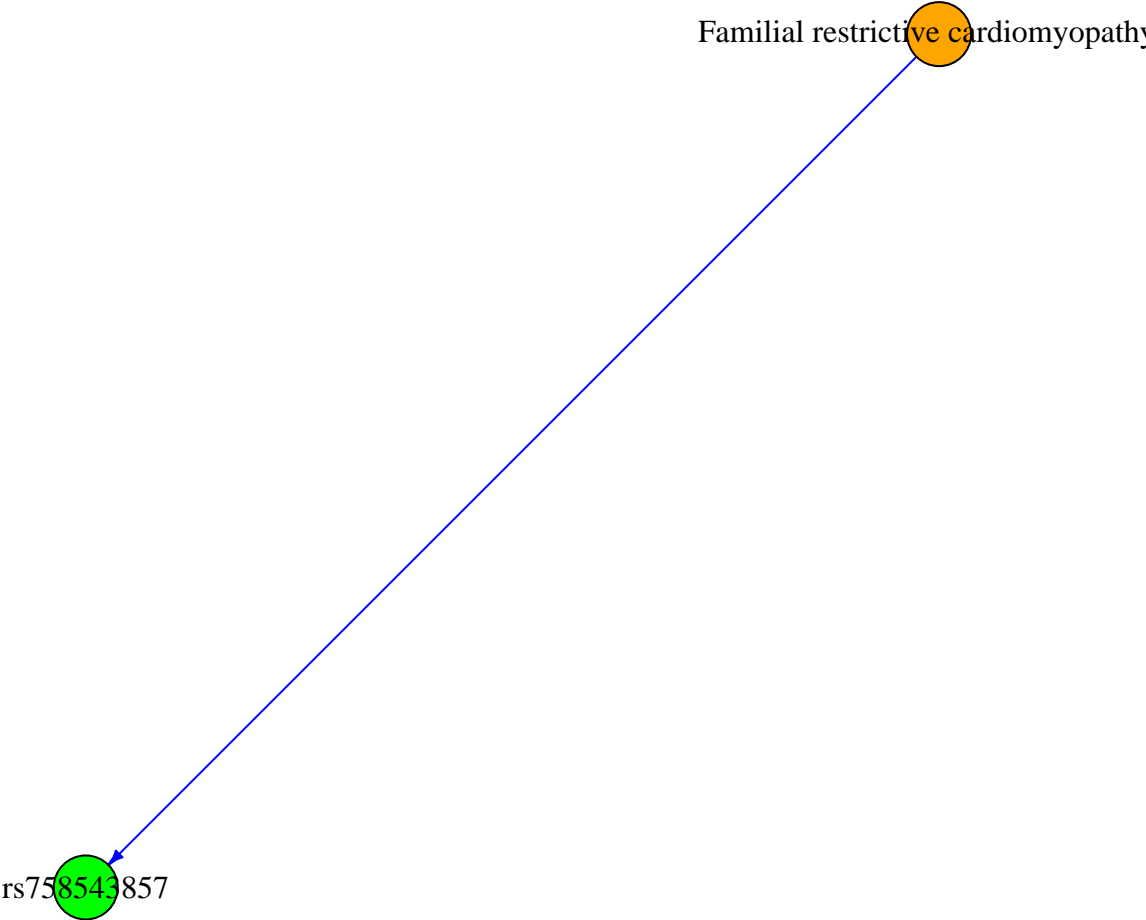
Familial medullary thyroid carcinoma



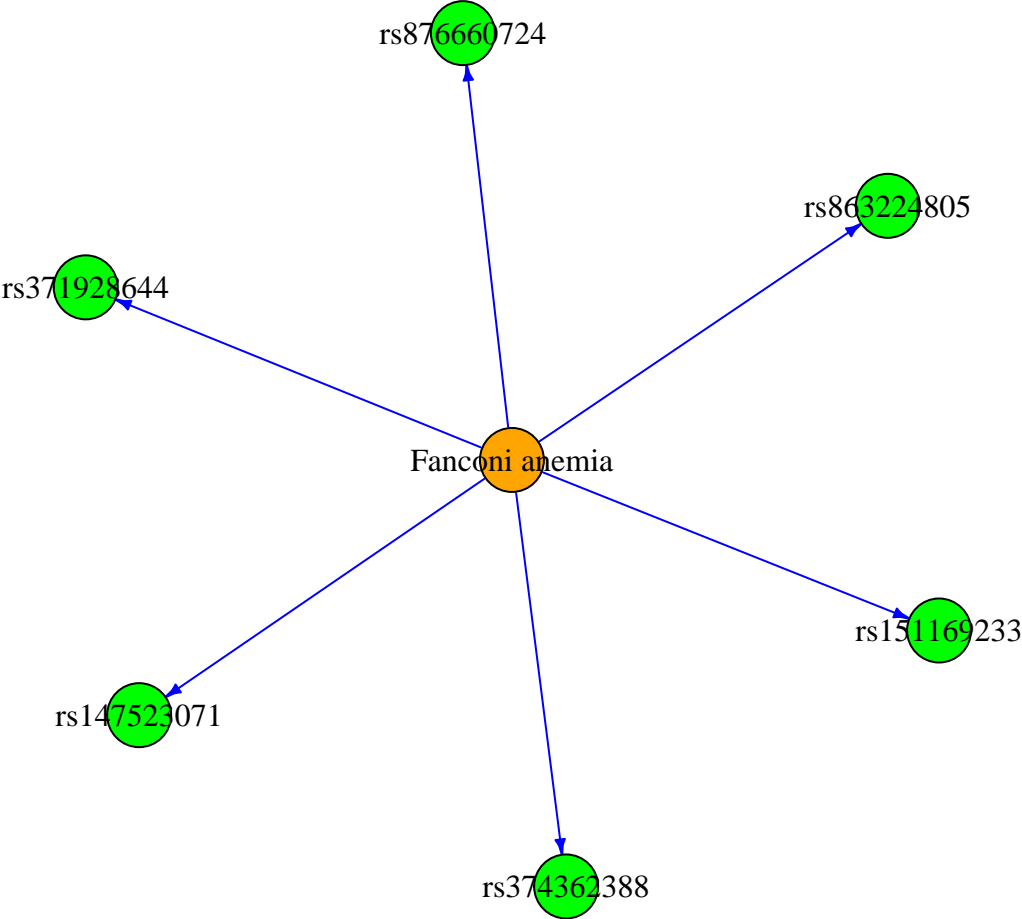
Variant–Disease Network (Familial multiple polyposis syndrome)



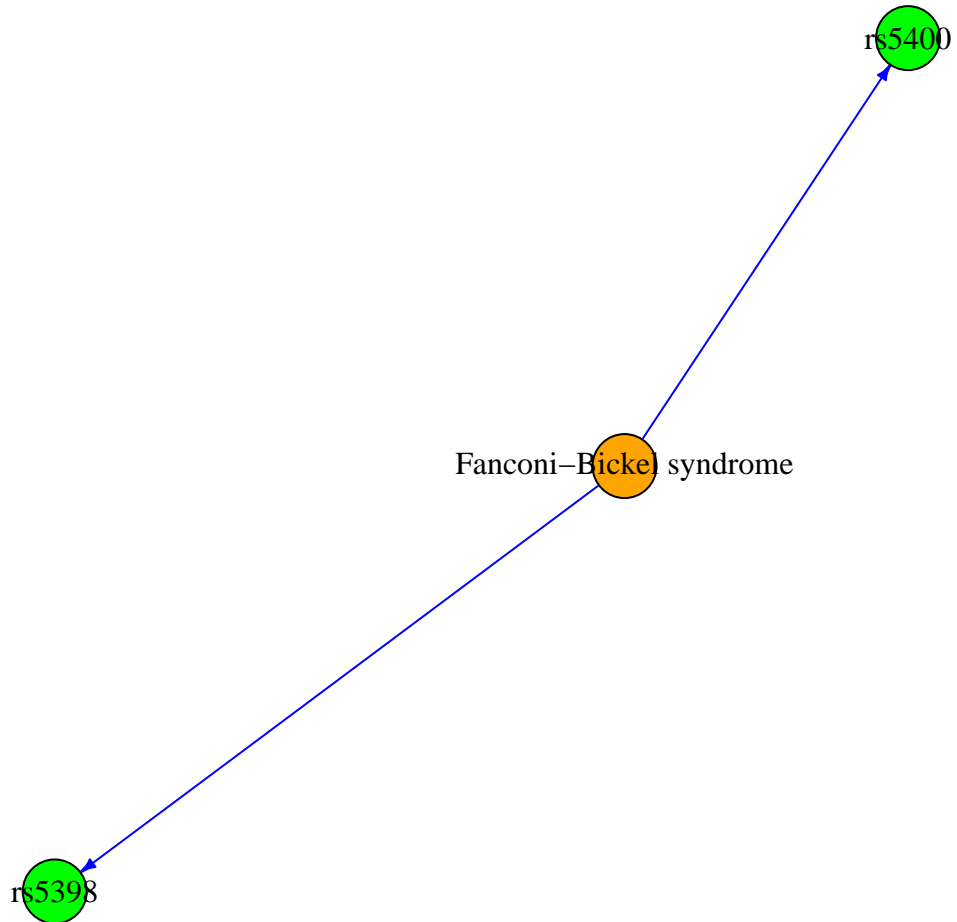
Variant–Disease Network (Familial restrictive cardiomyopathy 3)



Variant–Disease Network (Fanconi anemia)

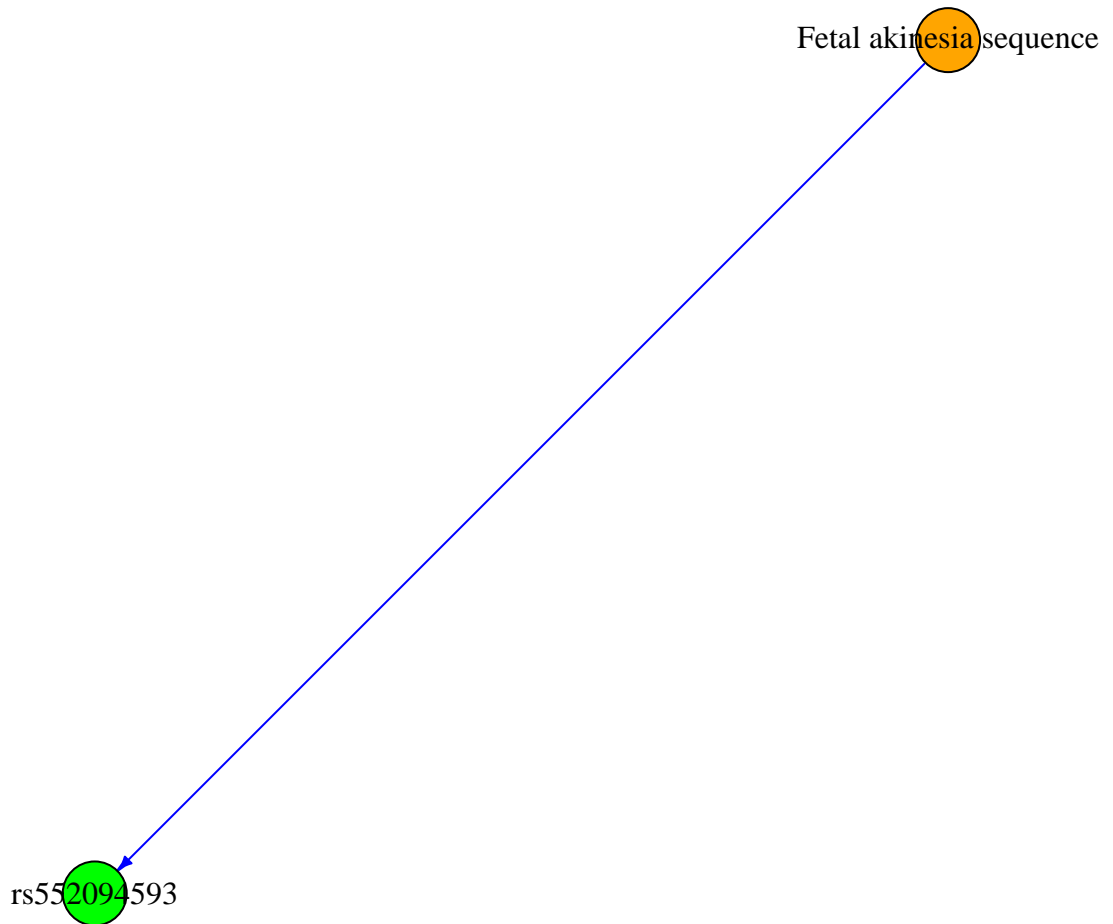


## Variant–Disease Network (Fanconi–Bickel syndrome)

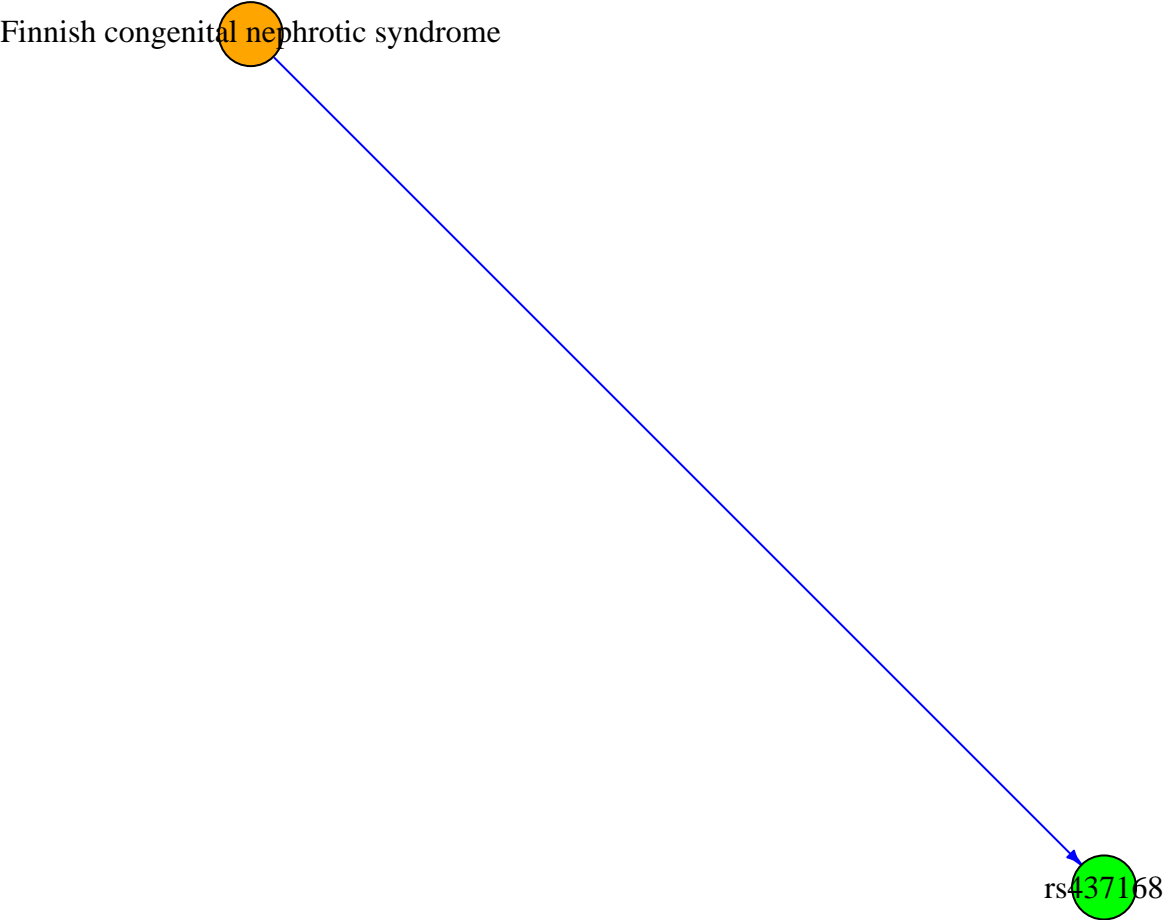




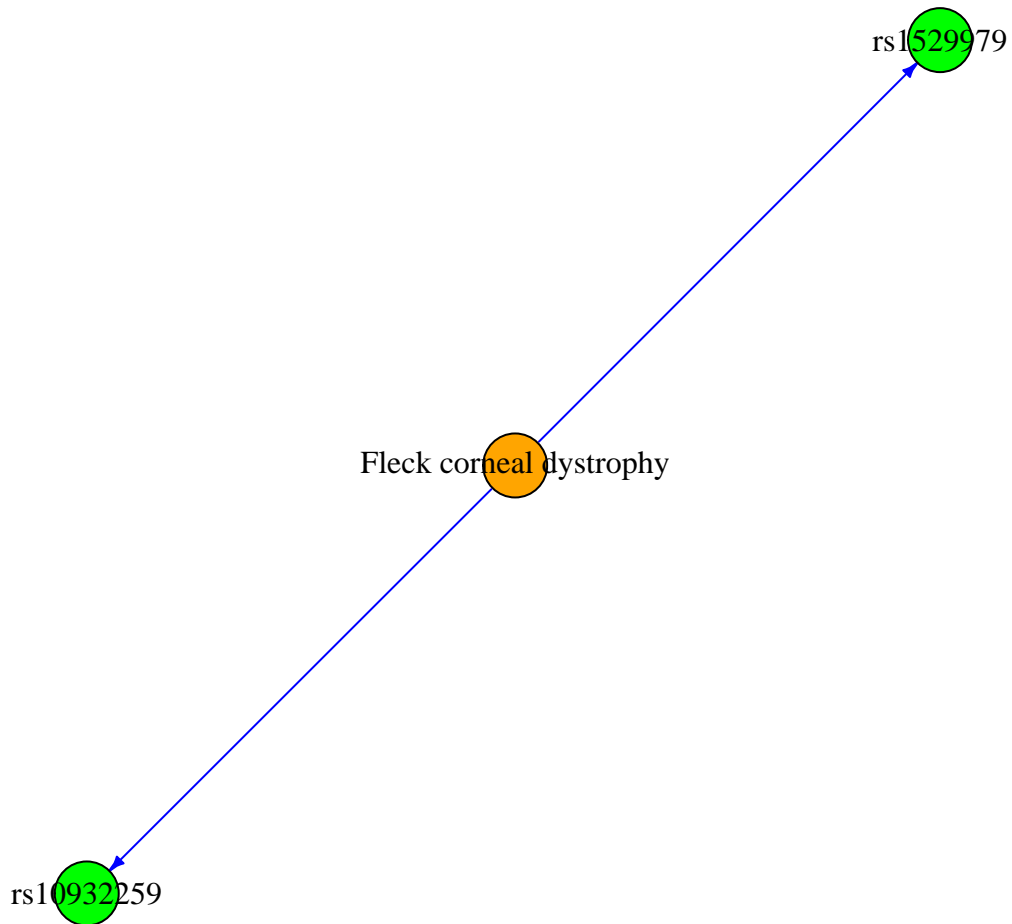
## Variant–Disease Network (Fetal akinesia sequence)



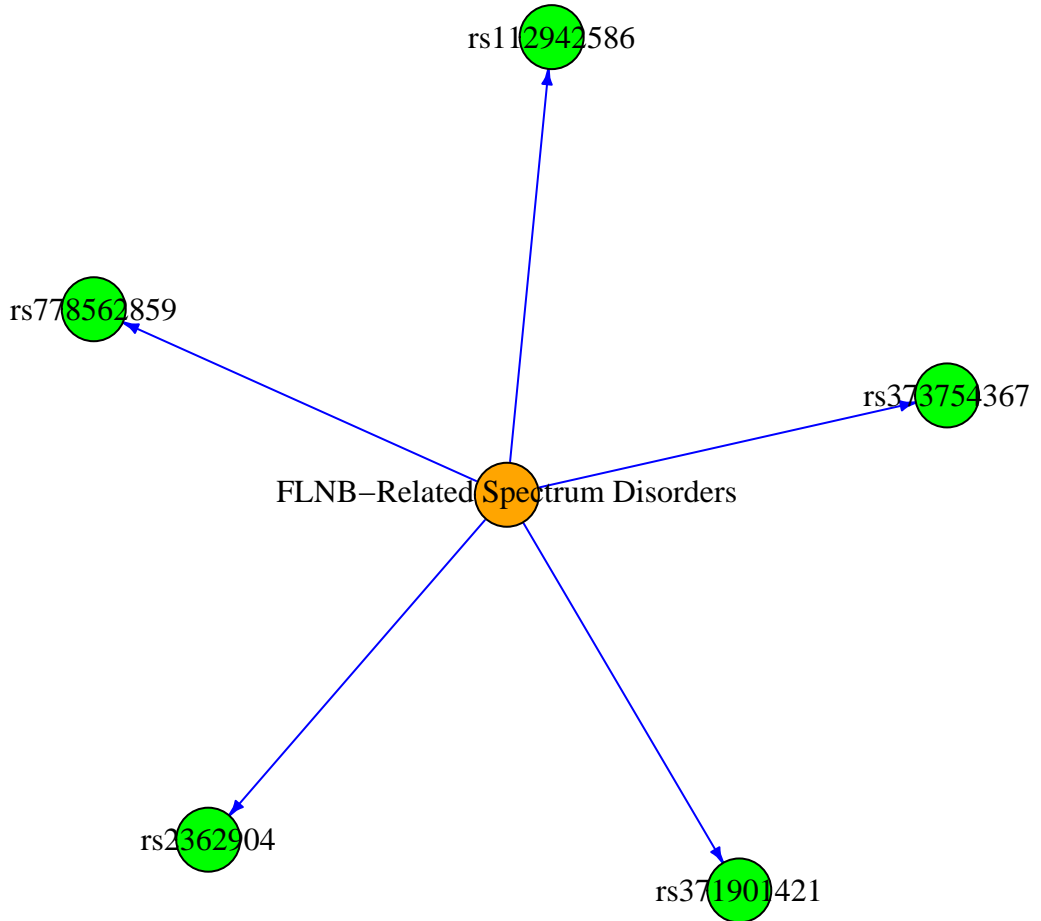
**Variant–Disease Network (Finnish congenital nephrotic syndrome)**



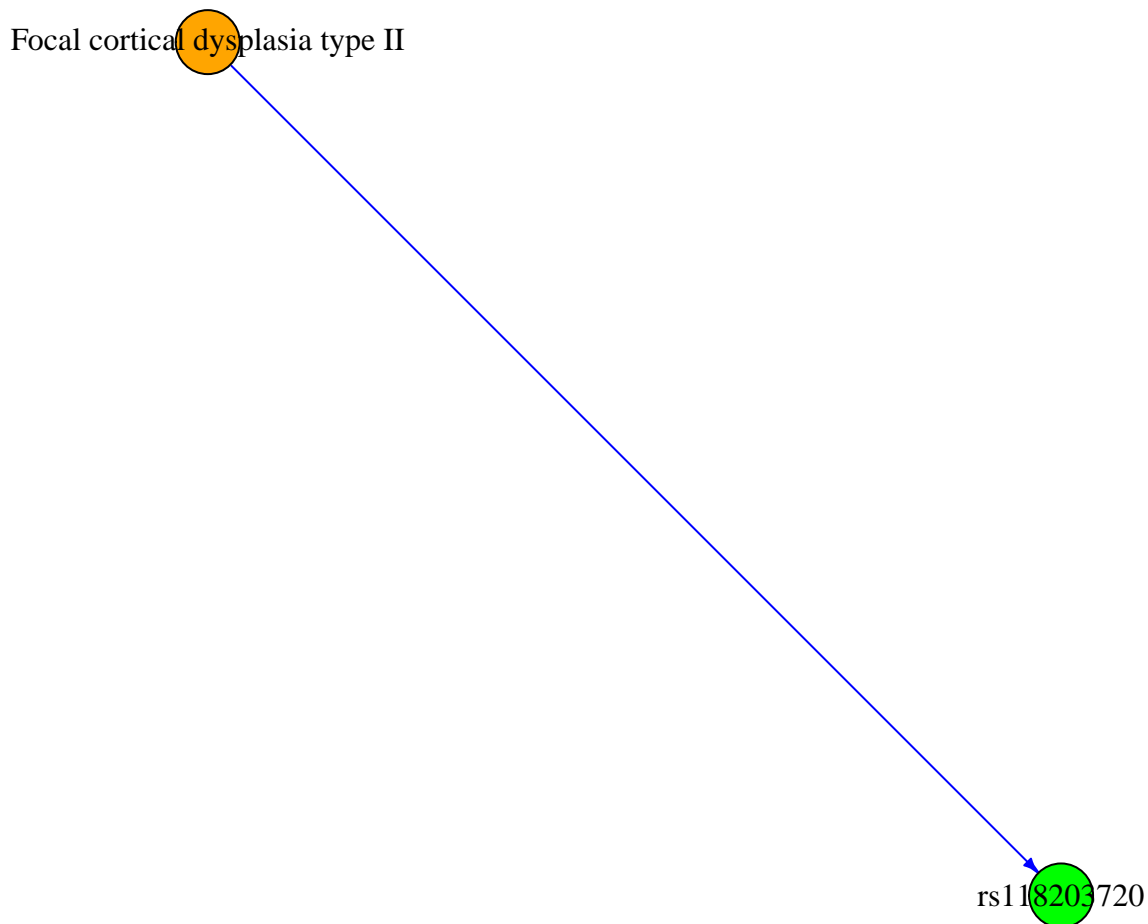
## Variant–Disease Network (Fleck corneal dystrophy)



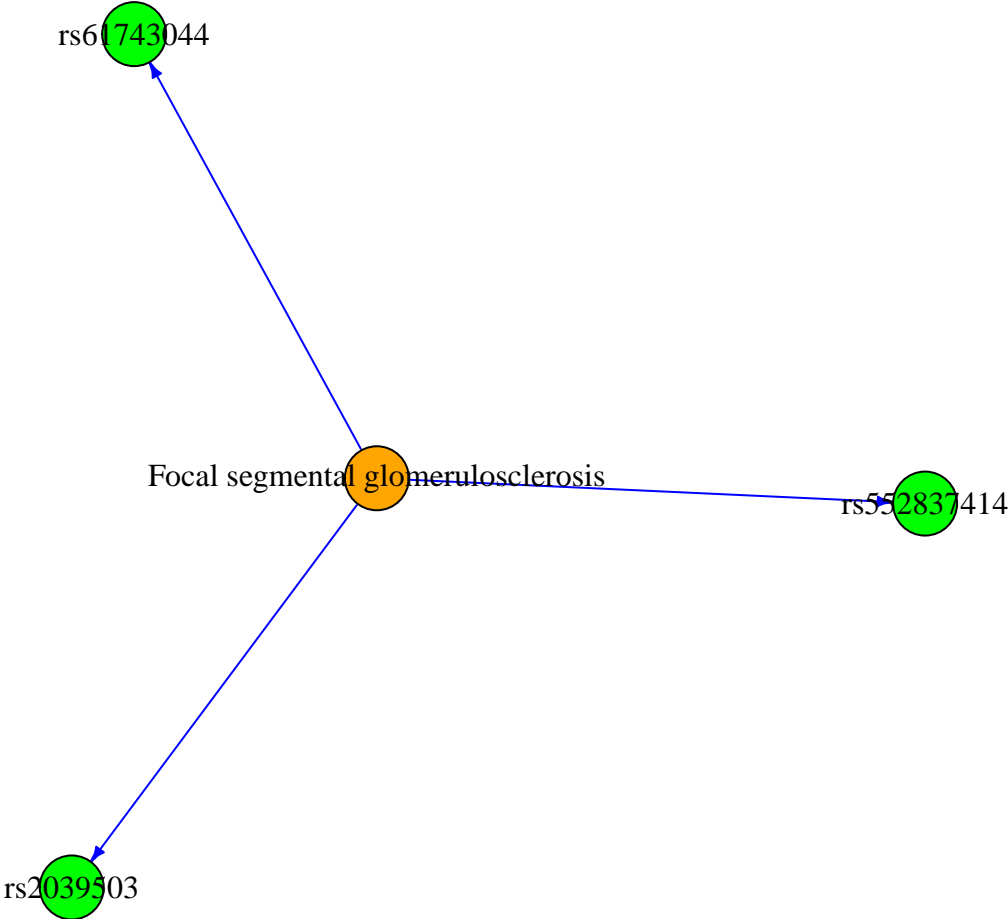
# Variant–Disease Network (FLNB–Related Spectrum Disorders)



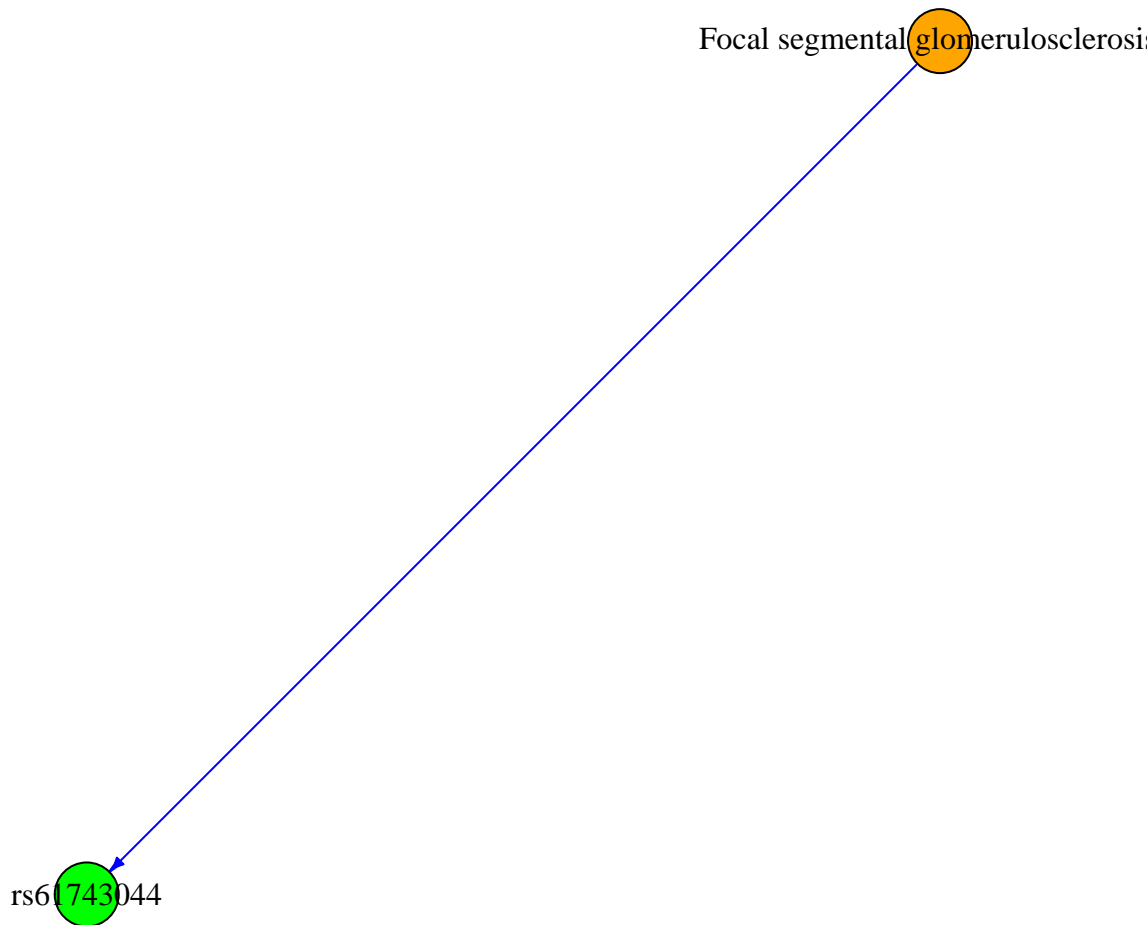
## Variant–Disease Network (Focal cortical dysplasia type II)



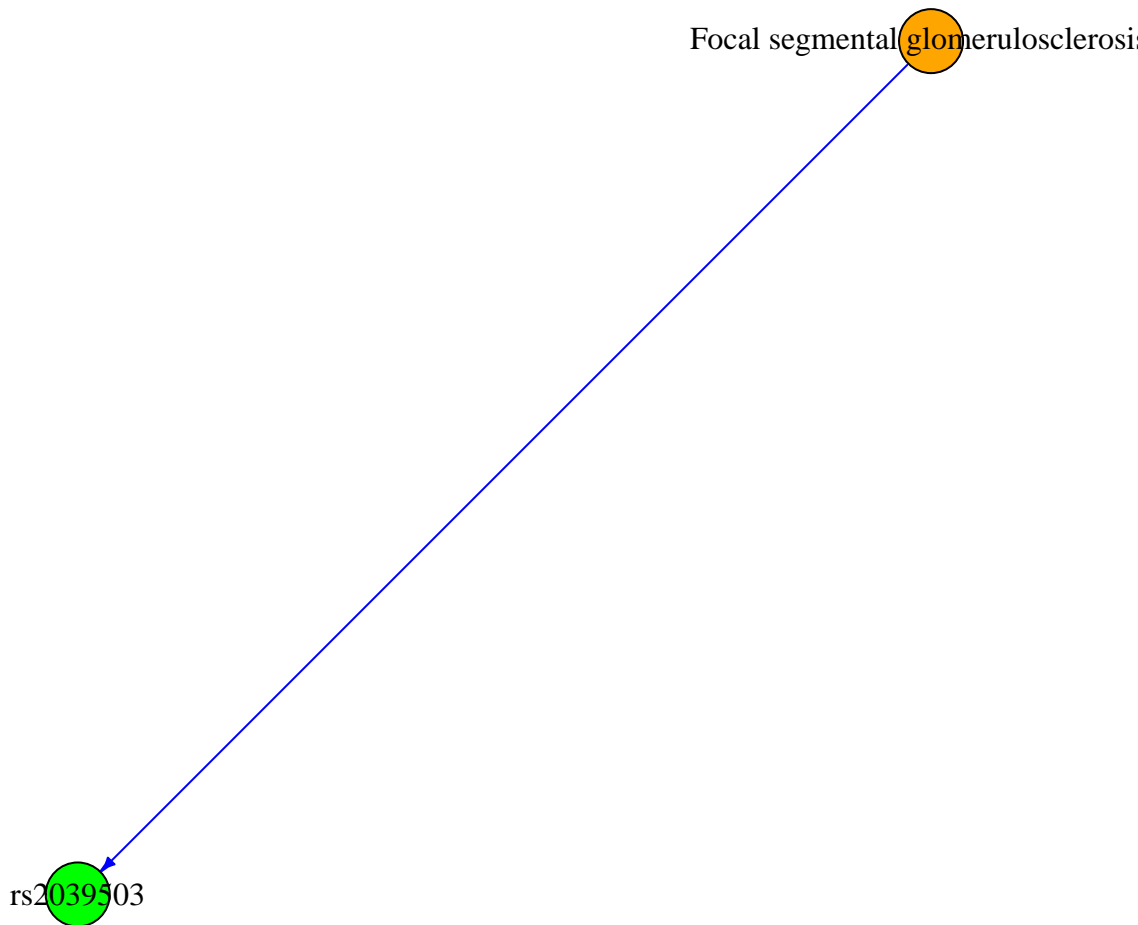
Variant–Disease Network (Focal segmental glomerulosclerosis)



## Variant–Disease Network (Focal segmental glomerulosclerosis 2)

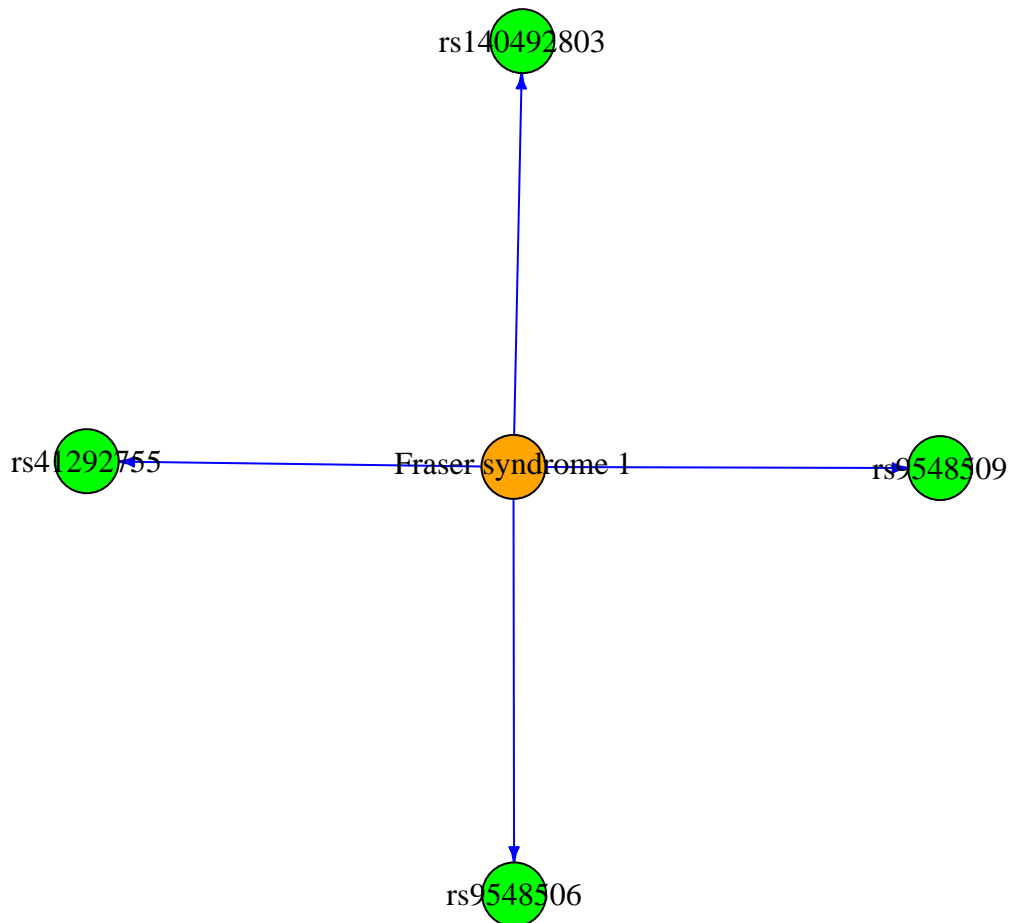


## Variant–Disease Network (Focal segmental glomerulosclerosis 3)

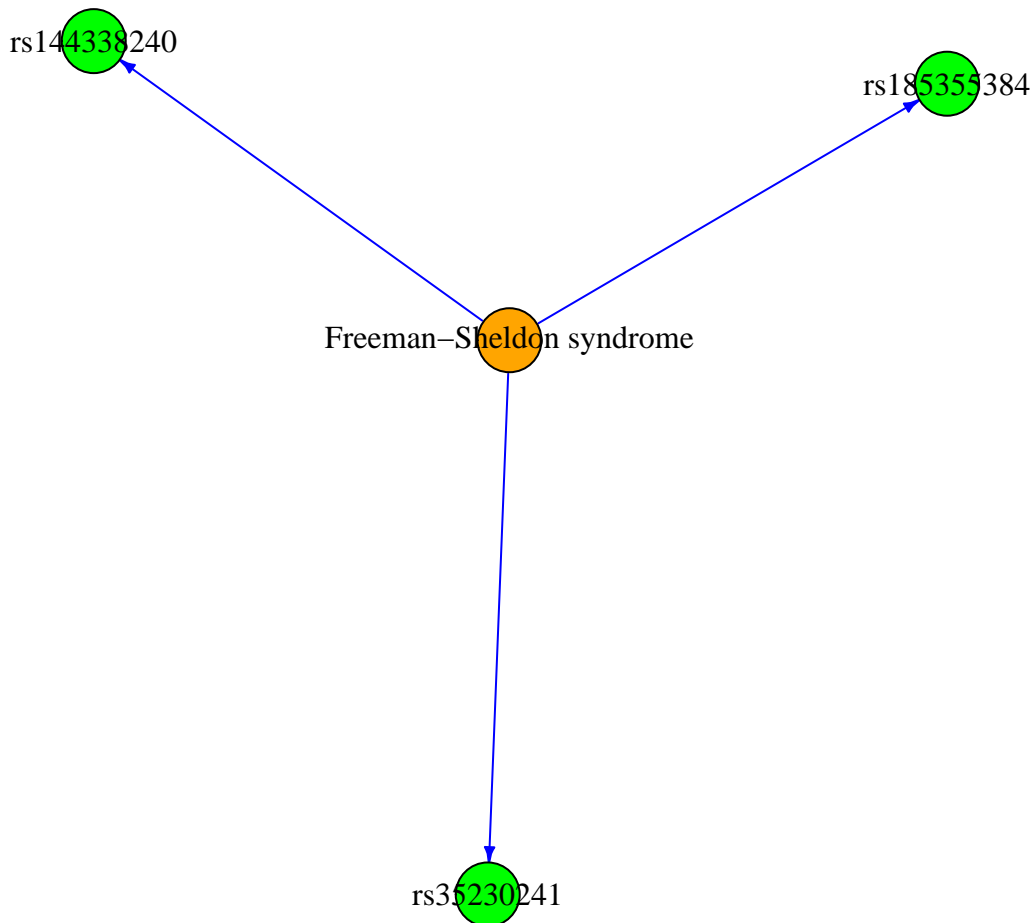




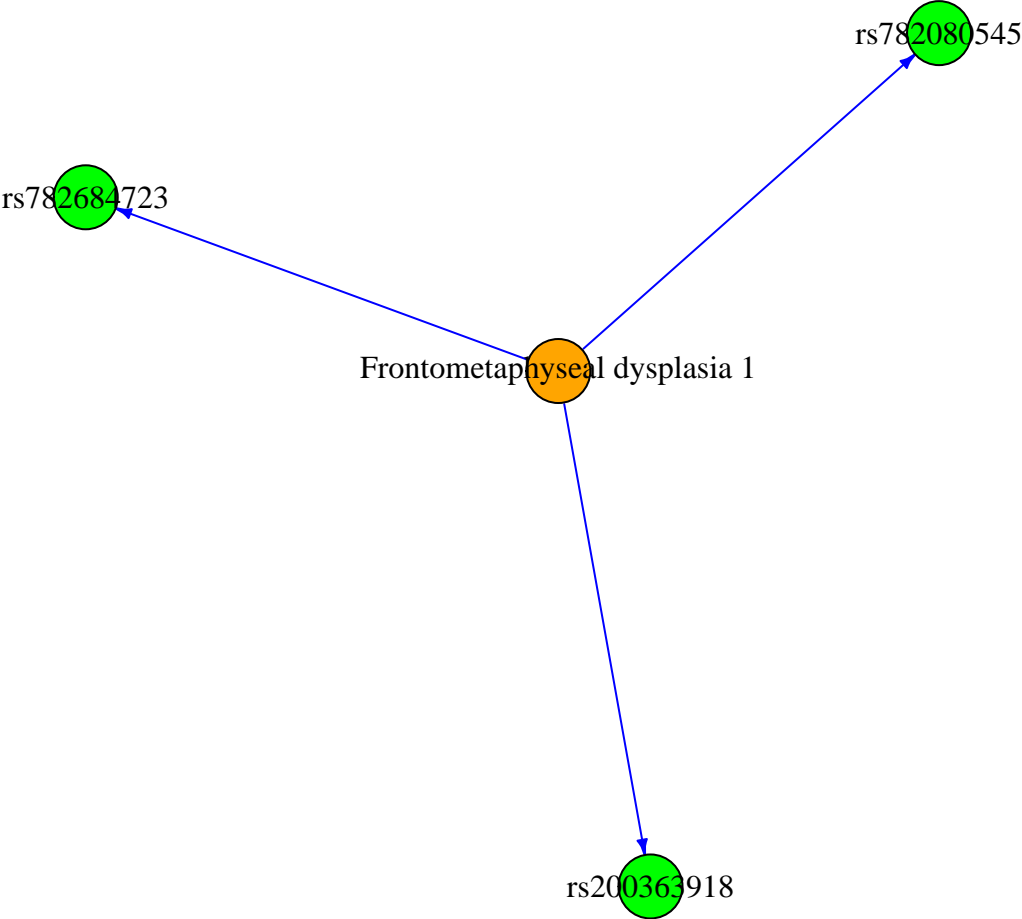
## Variant–Disease Network (Fraser syndrome 1)



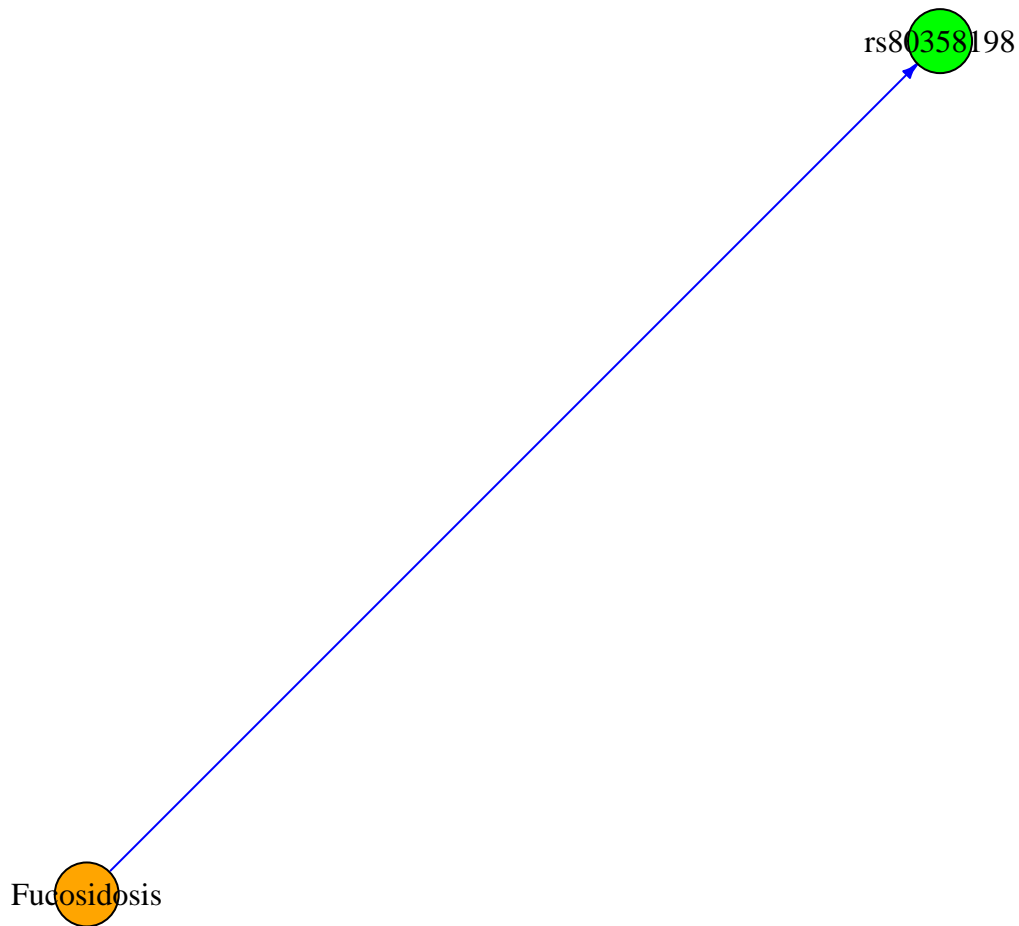
# Variant–Disease Network (Freeman–Sheldon syndrome)



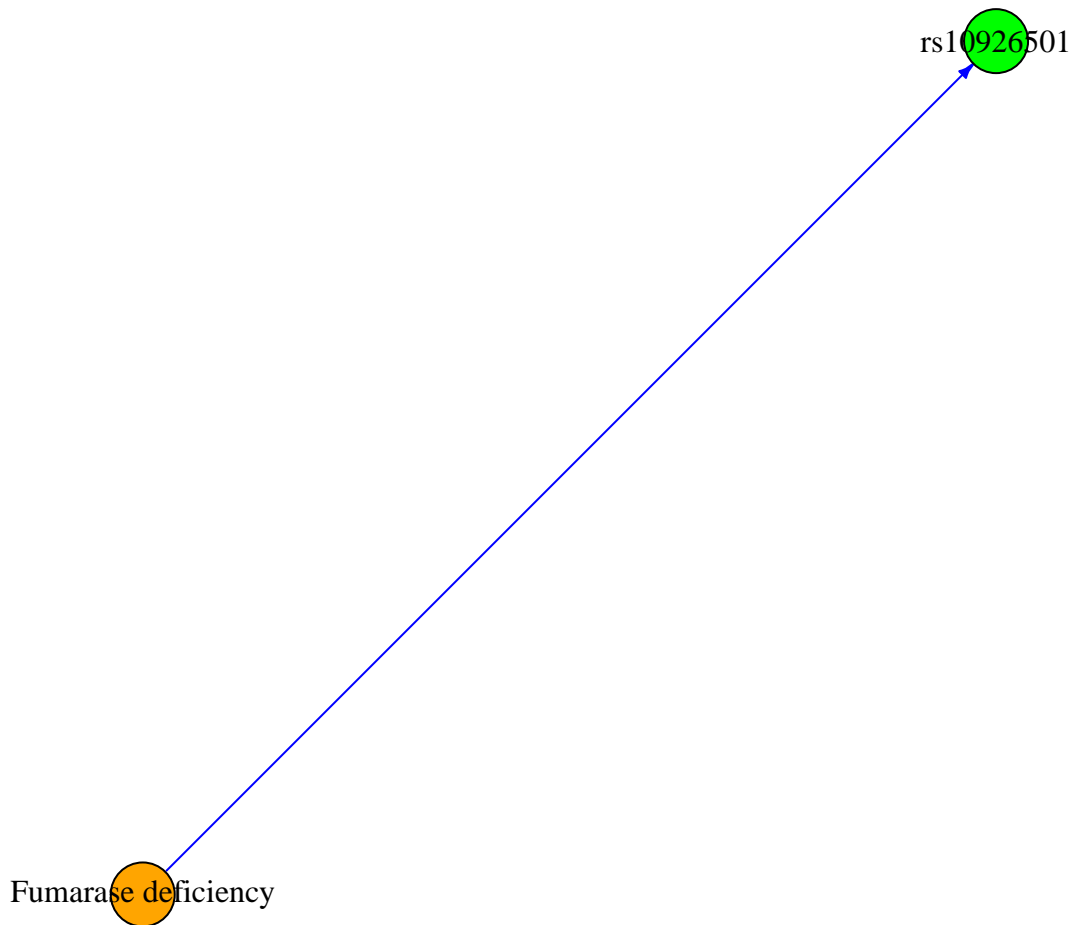
Variant–Disease Network (Frontometaphyseal dysplasia 1)



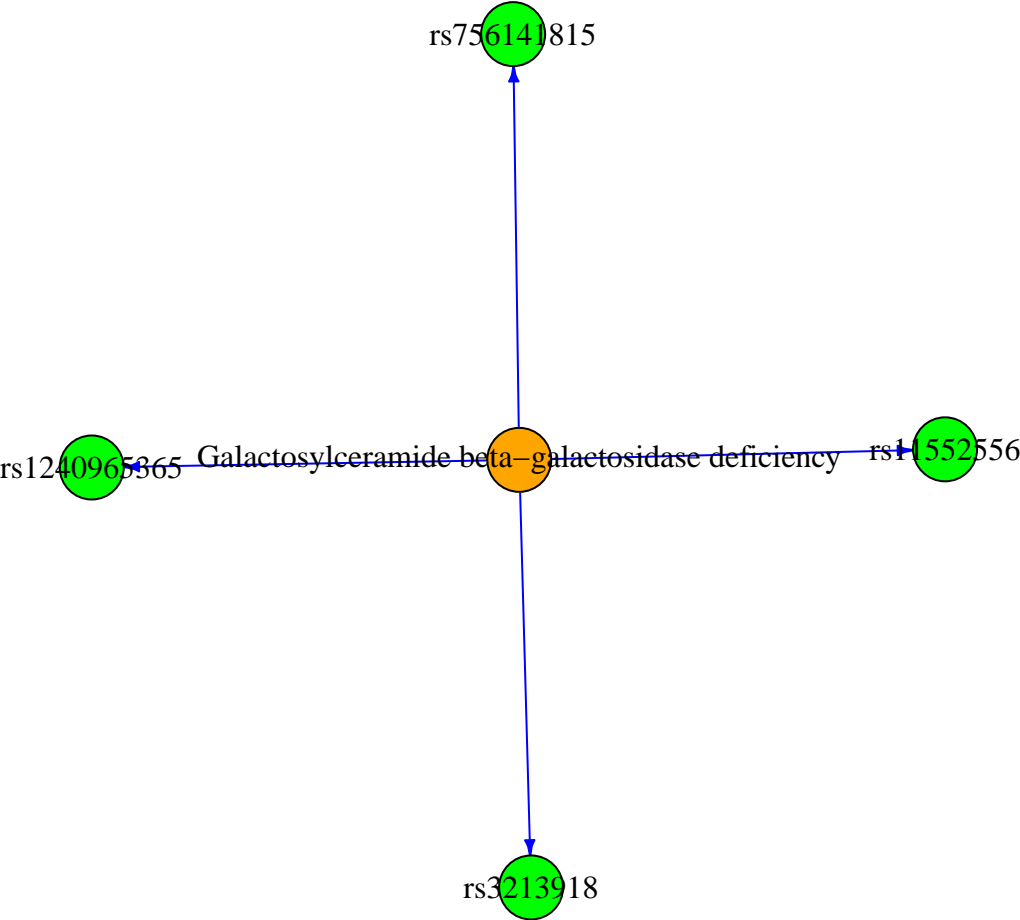
## Variant-Disease Network (Fucosidosis)



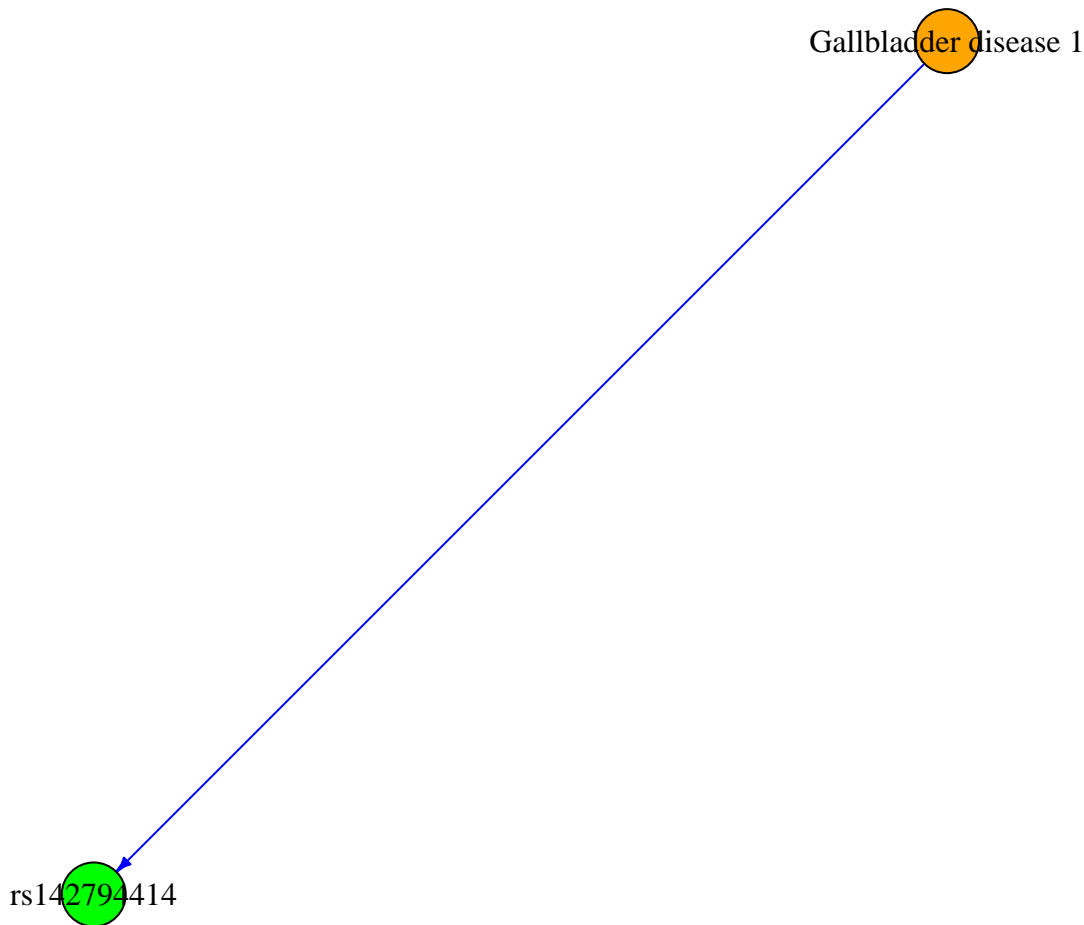
## Variant-Disease Network (Fumarase deficiency)



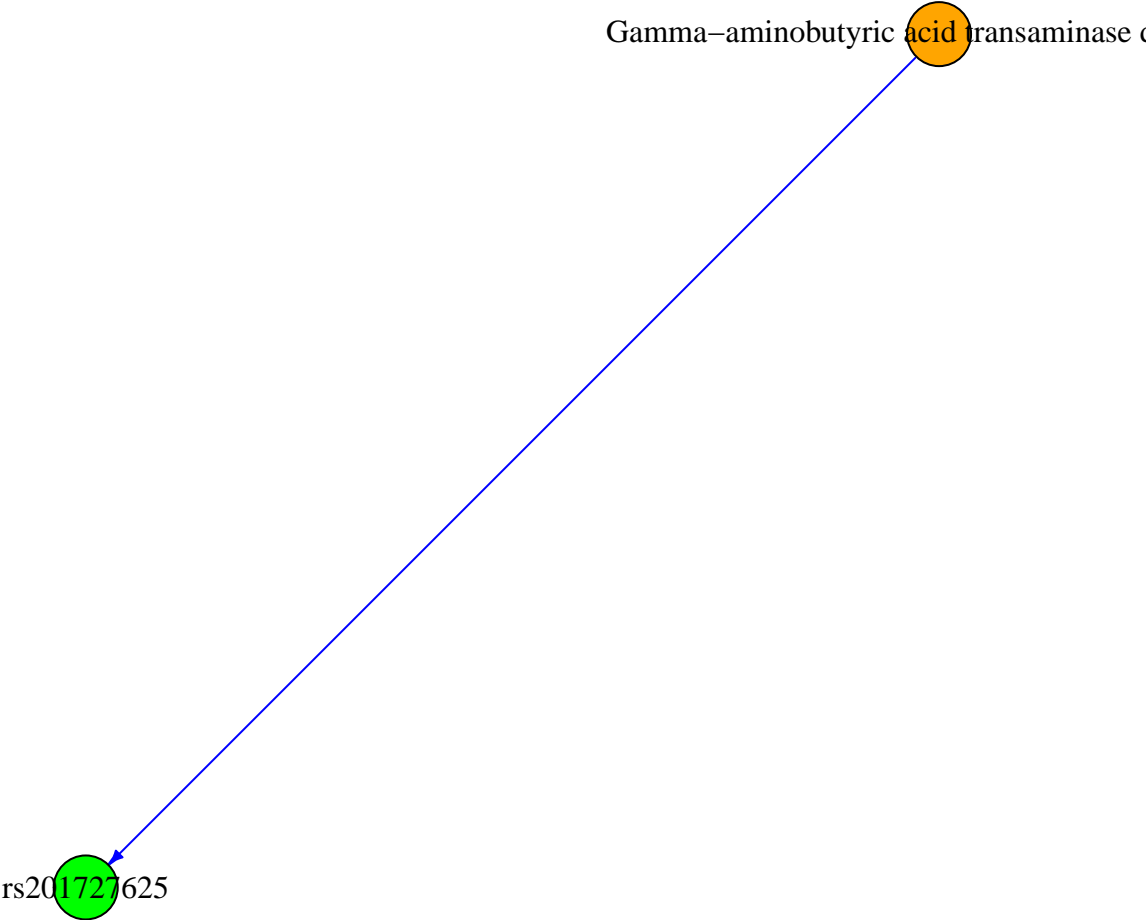
Variant–Disease Network (Galactosylceramide beta–galactosidase deficiency)



## Variant–Disease Network (Gallbladder disease 1)

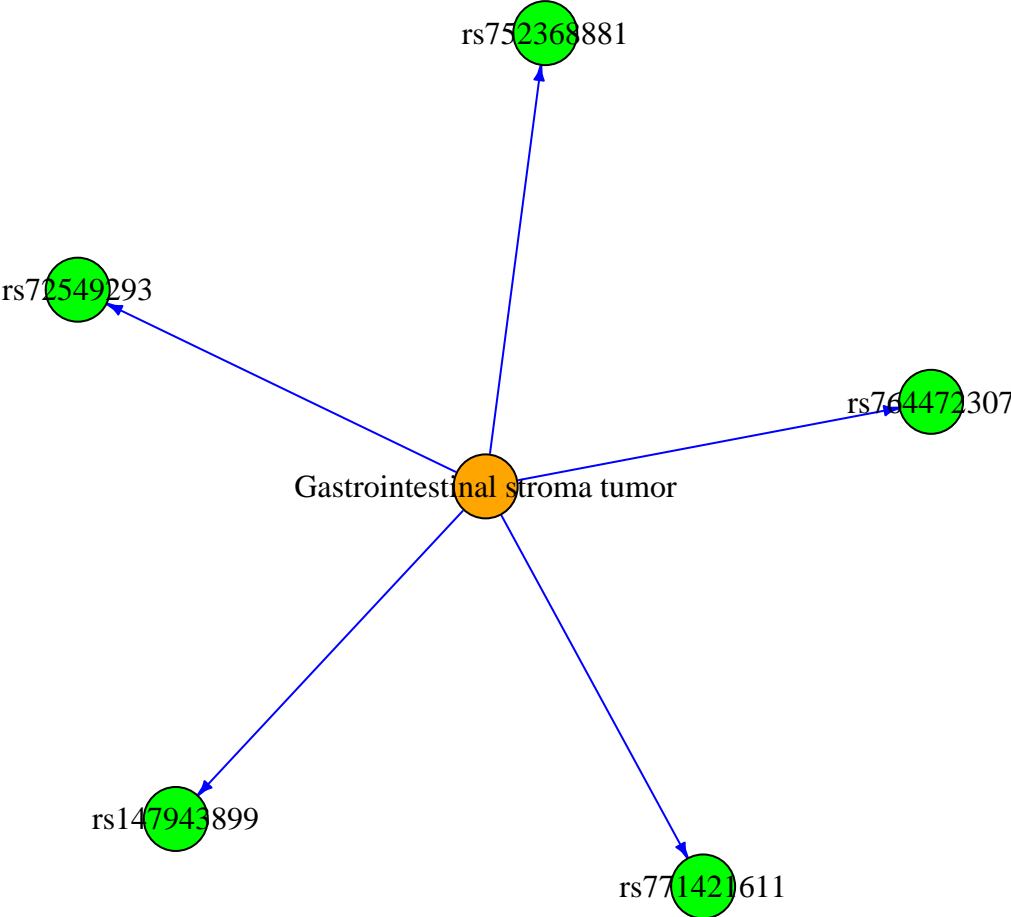


Variant–Disease Network (Gamma–aminobutyric acid transaminase deficiency)

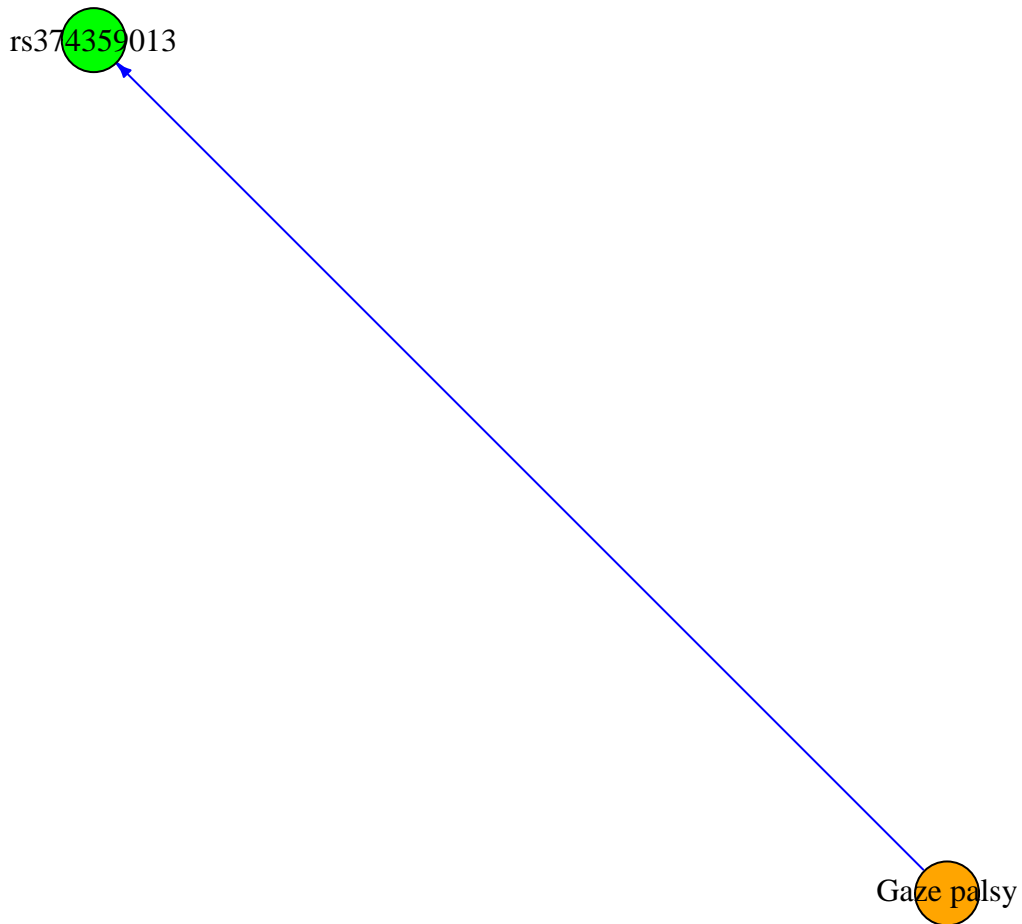




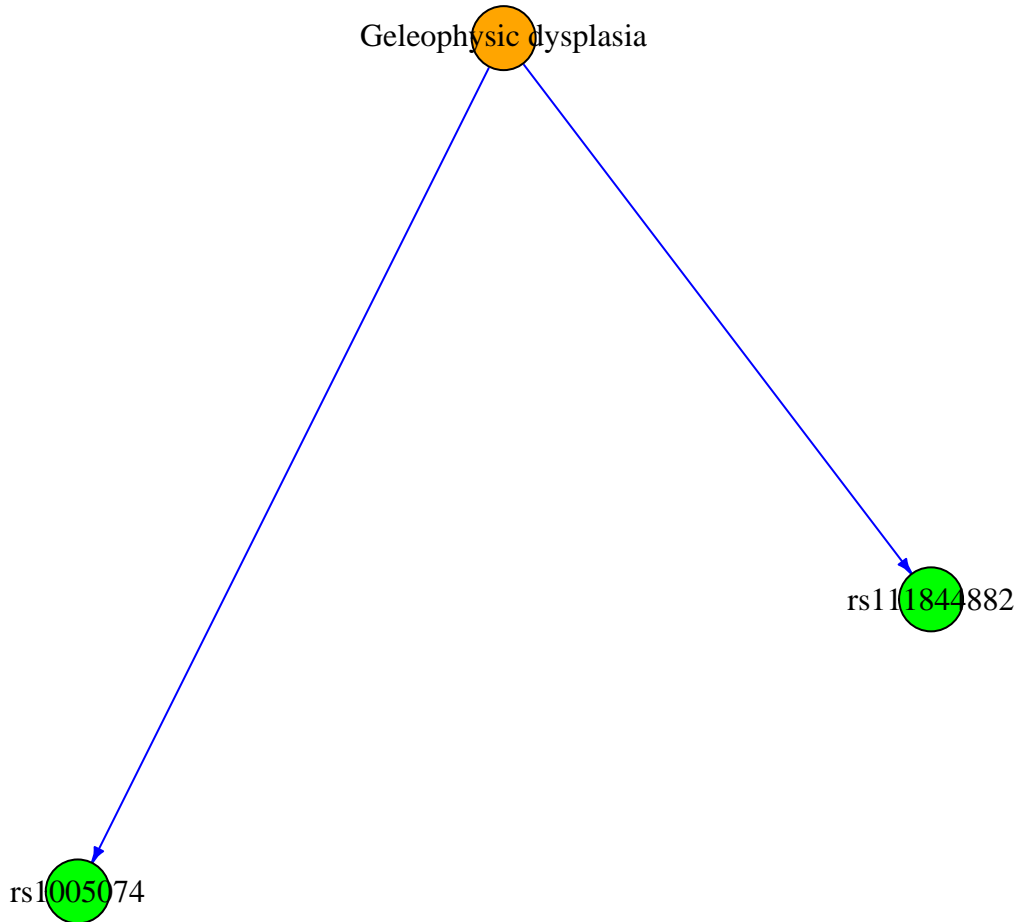
Variant–Disease Network (Gastrointestinal stroma tumor)



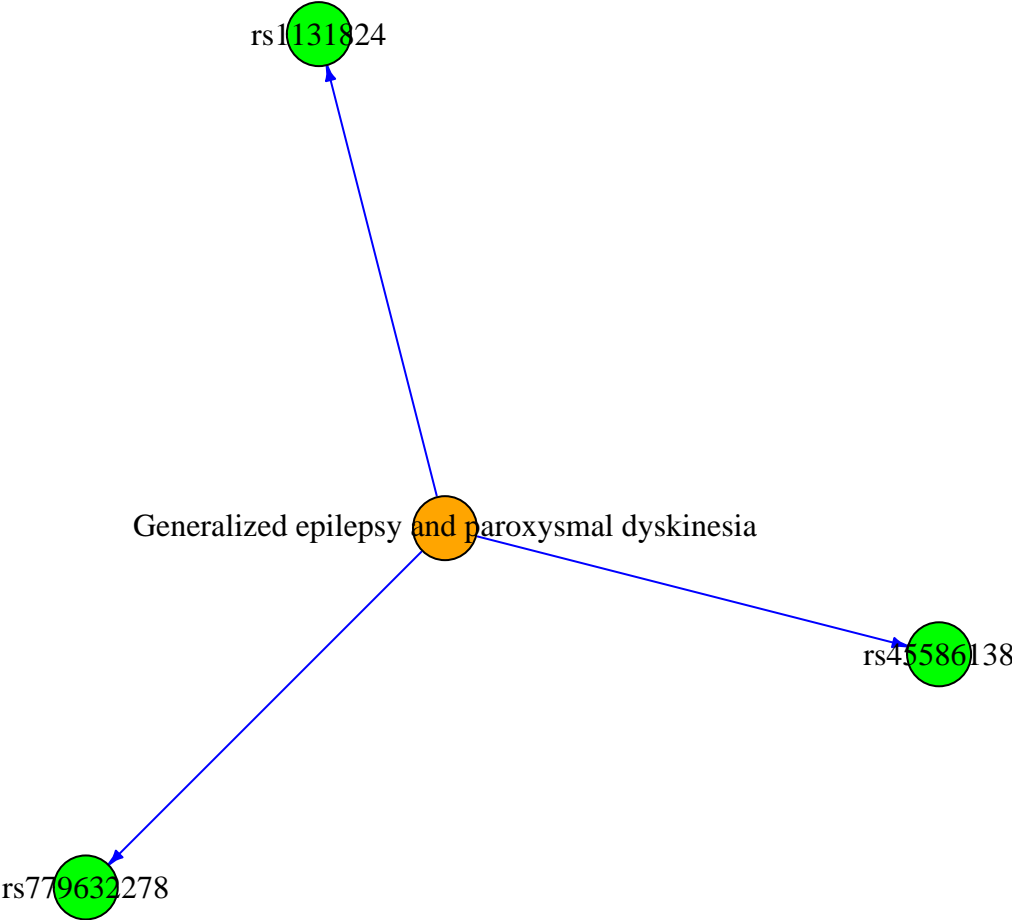
## Variant–Disease Network (Gaze palsy)



## Variant-Disease Network (Geleophysic dysplasia)

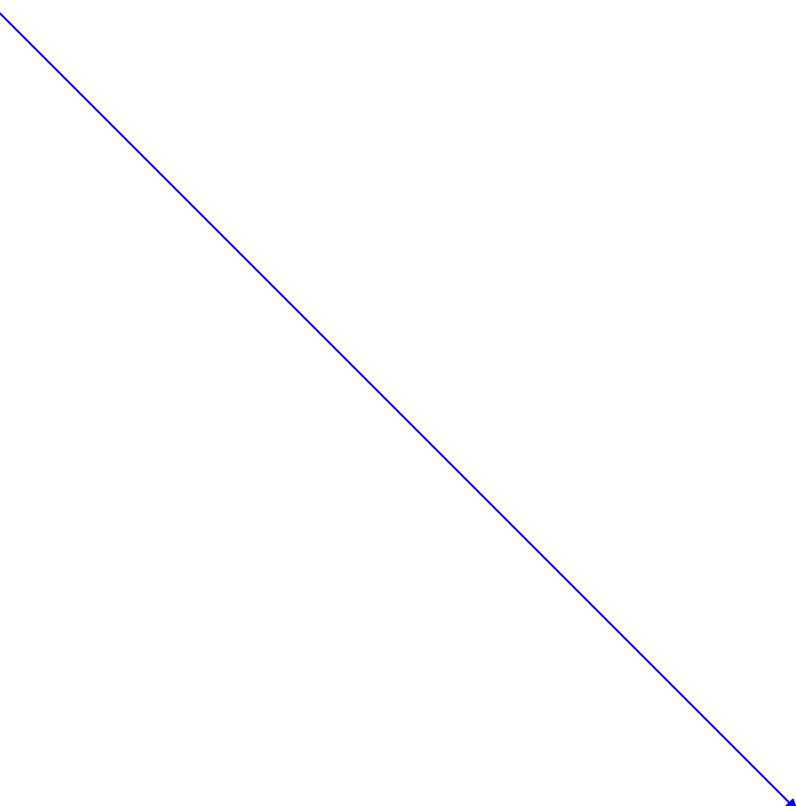


Variant–Disease Network (Generalized epilepsy and paroxysmal dyskinesia)



Variant–Disease Network (Generalized epilepsy with febrile seizures plus

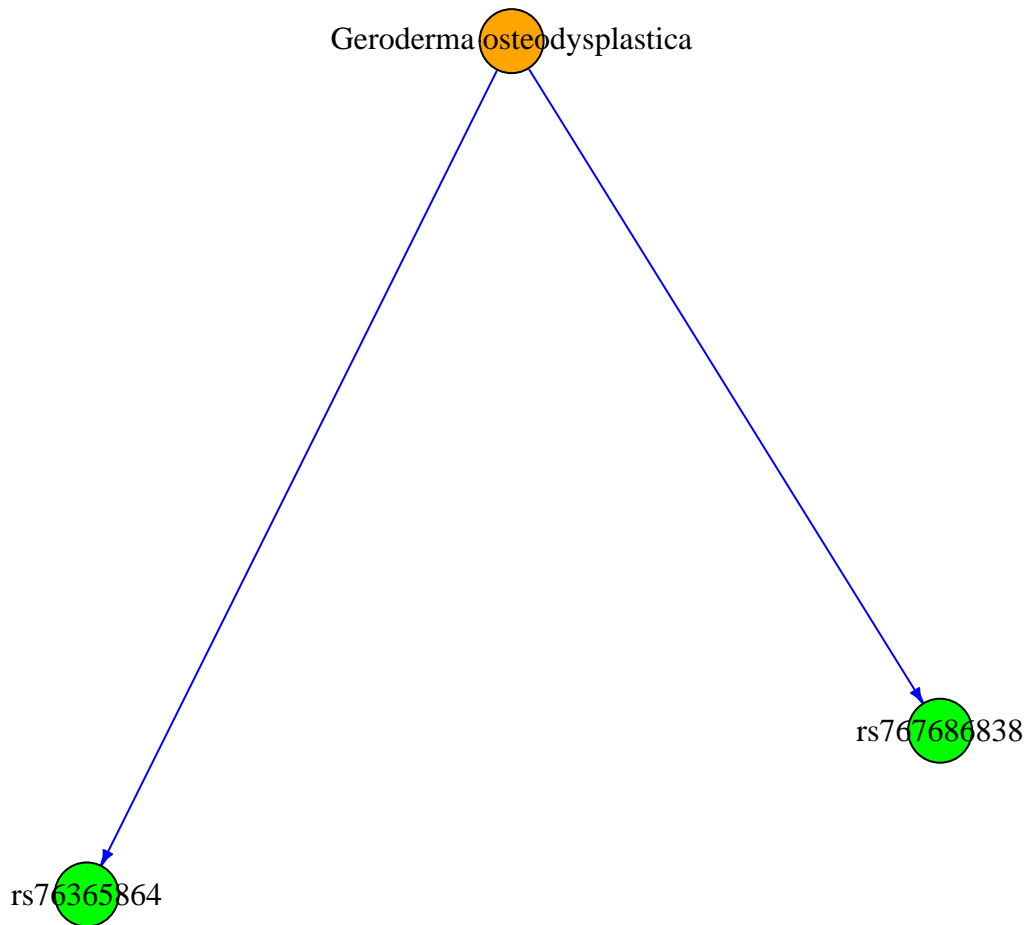
Generalized epilepsy with febrile seizures plus



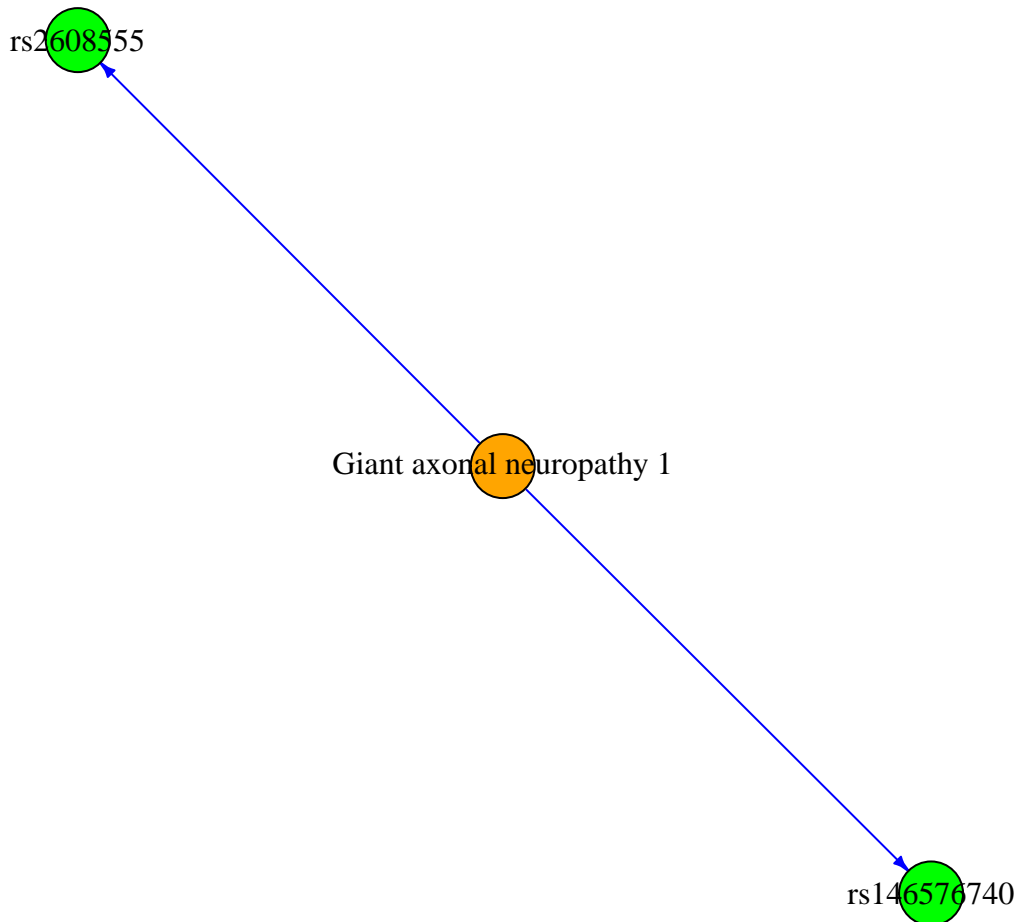
rs201672465



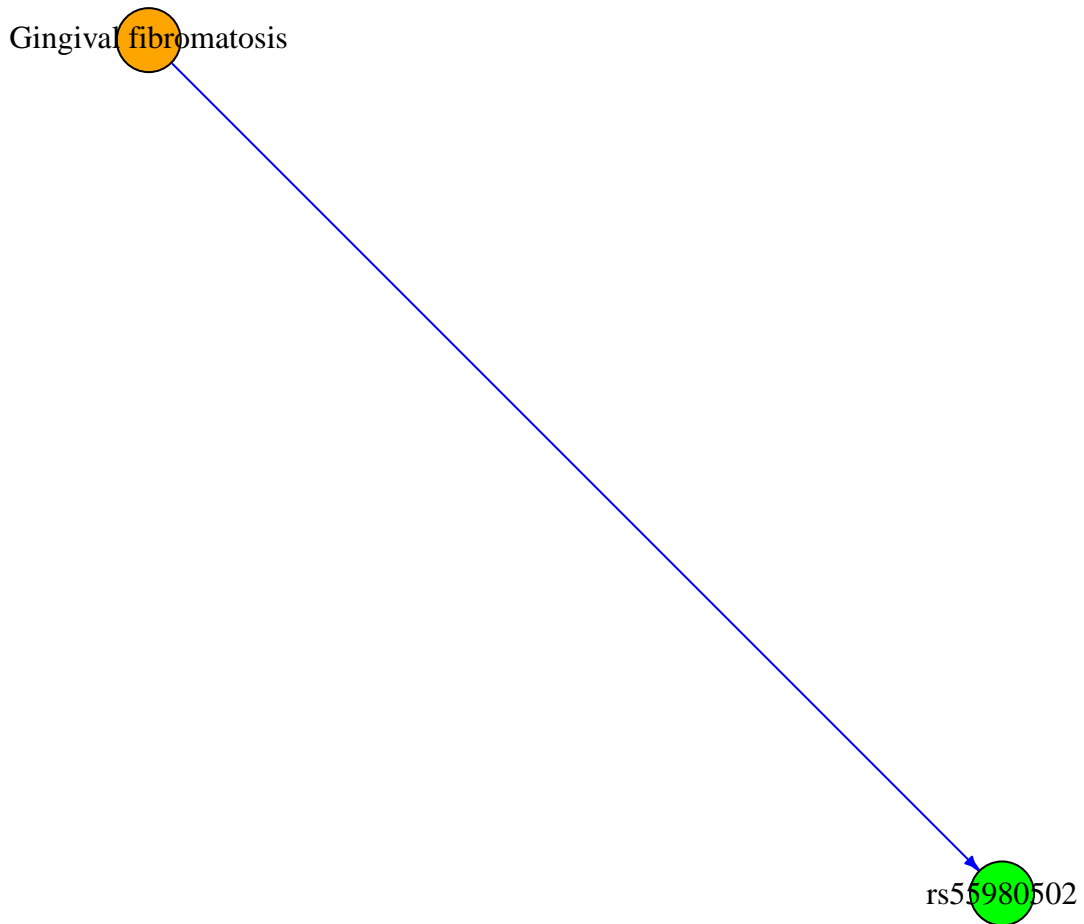
# Variant–Disease Network (Geroderma osteodysplastica)



# Variant–Disease Network (Giant axonal neuropathy 1)

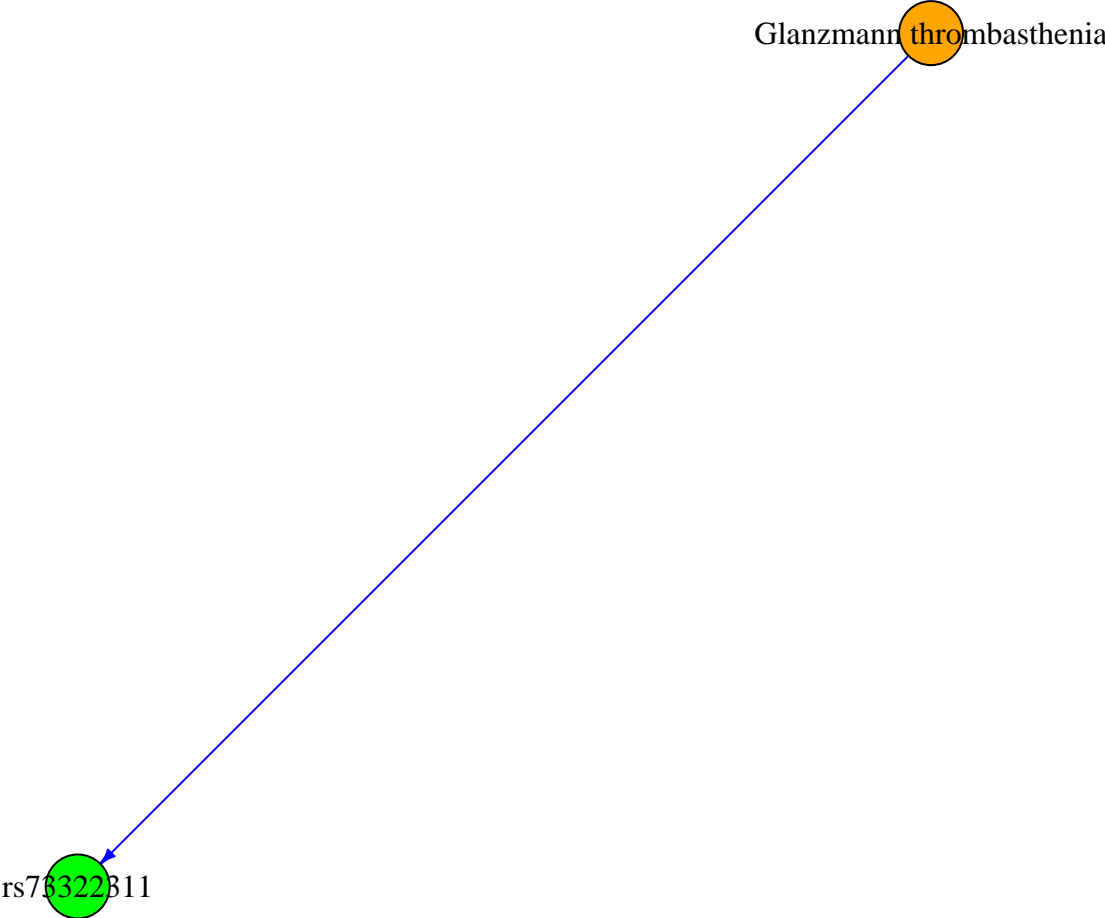


## Variant–Disease Network (Gingival fibromatosis)

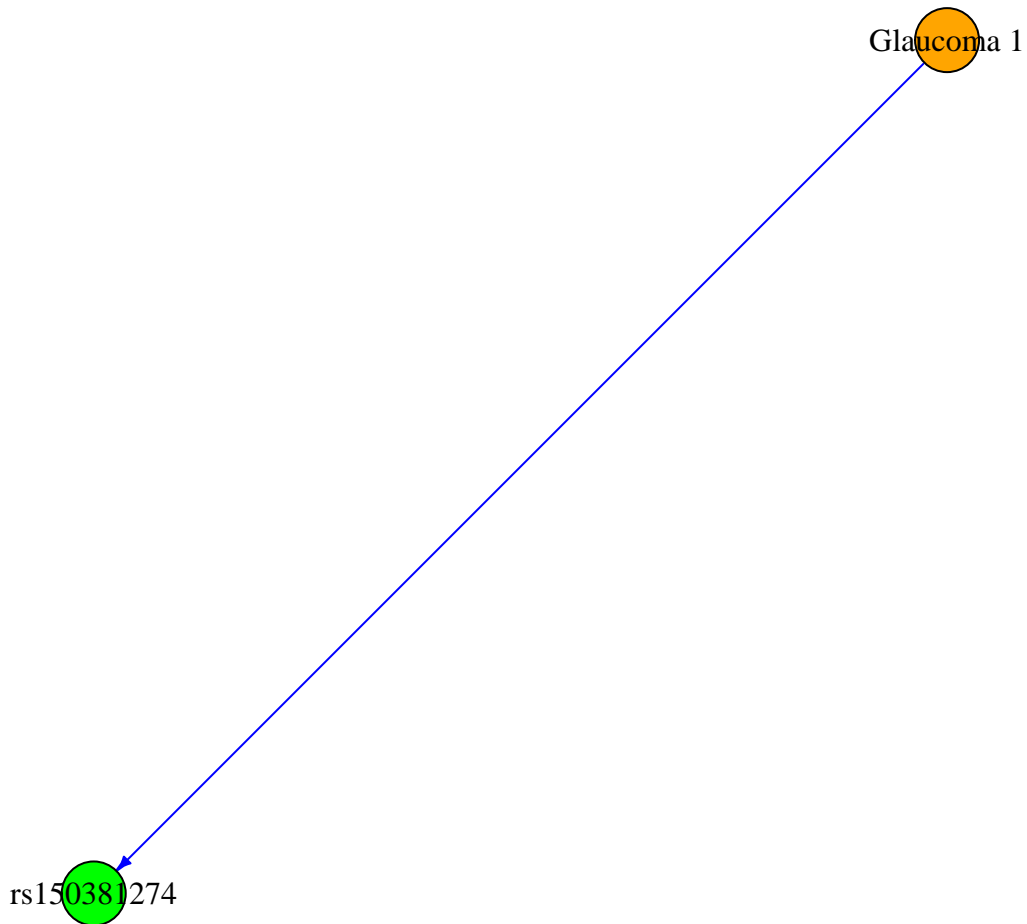




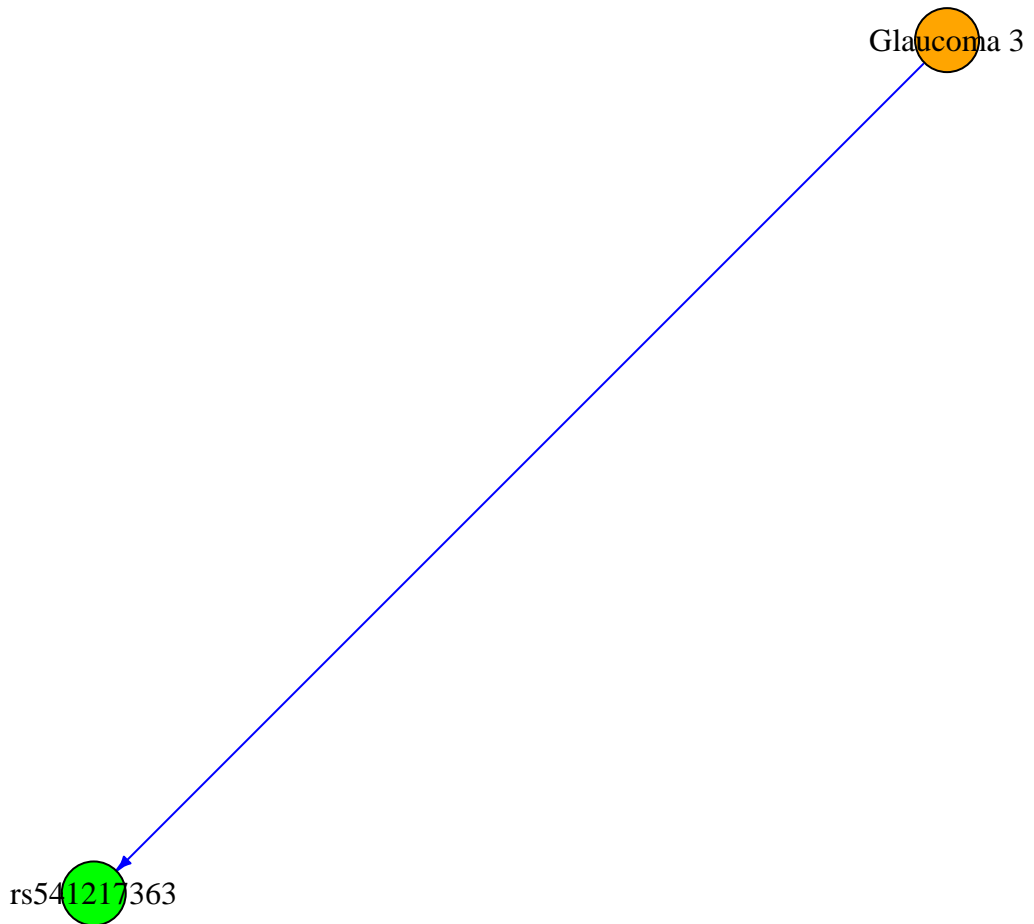
Variant–Disease Network (Glanzmann thrombasthenia)



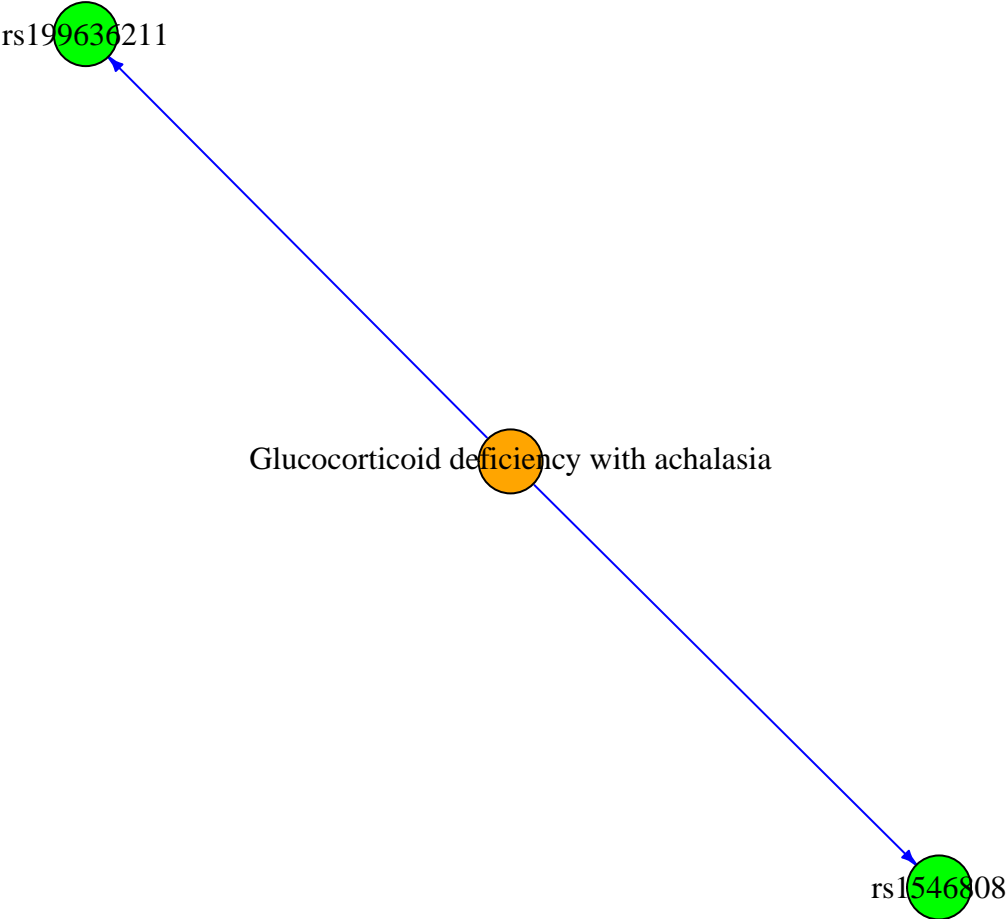
## Variant-Disease Network (Glaucoma 1)



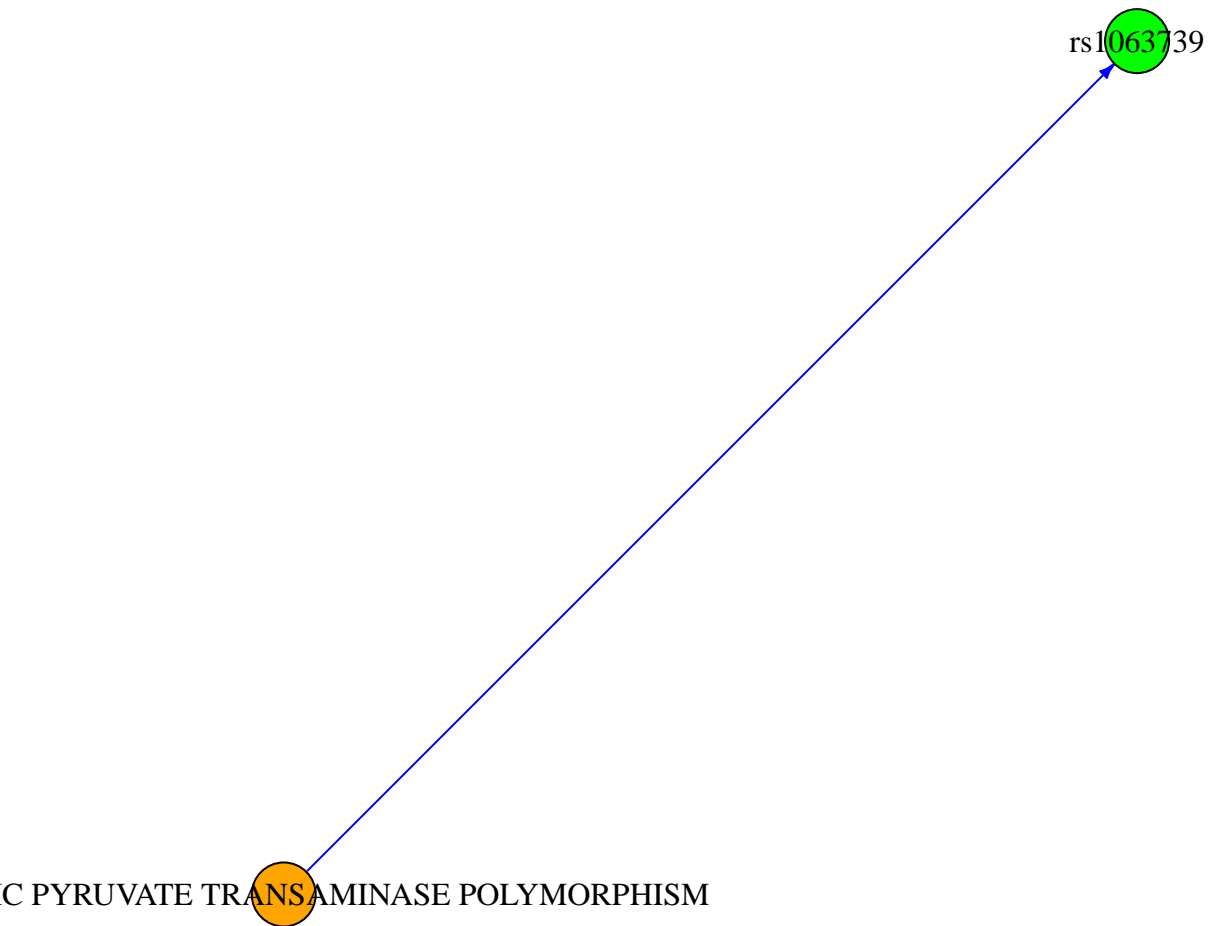
## Variant-Disease Network (Glaucoma 3)



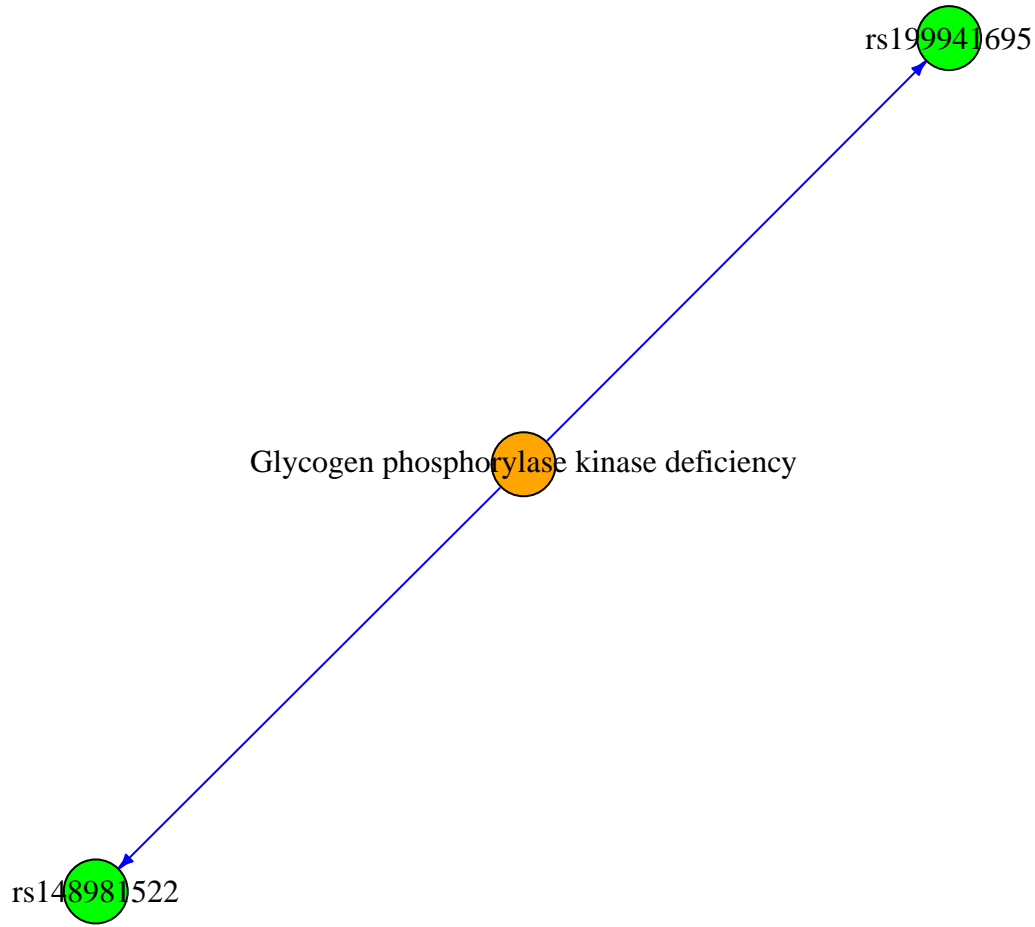
**Variant–Disease Network (Glucocorticoid deficiency with achalasia)**



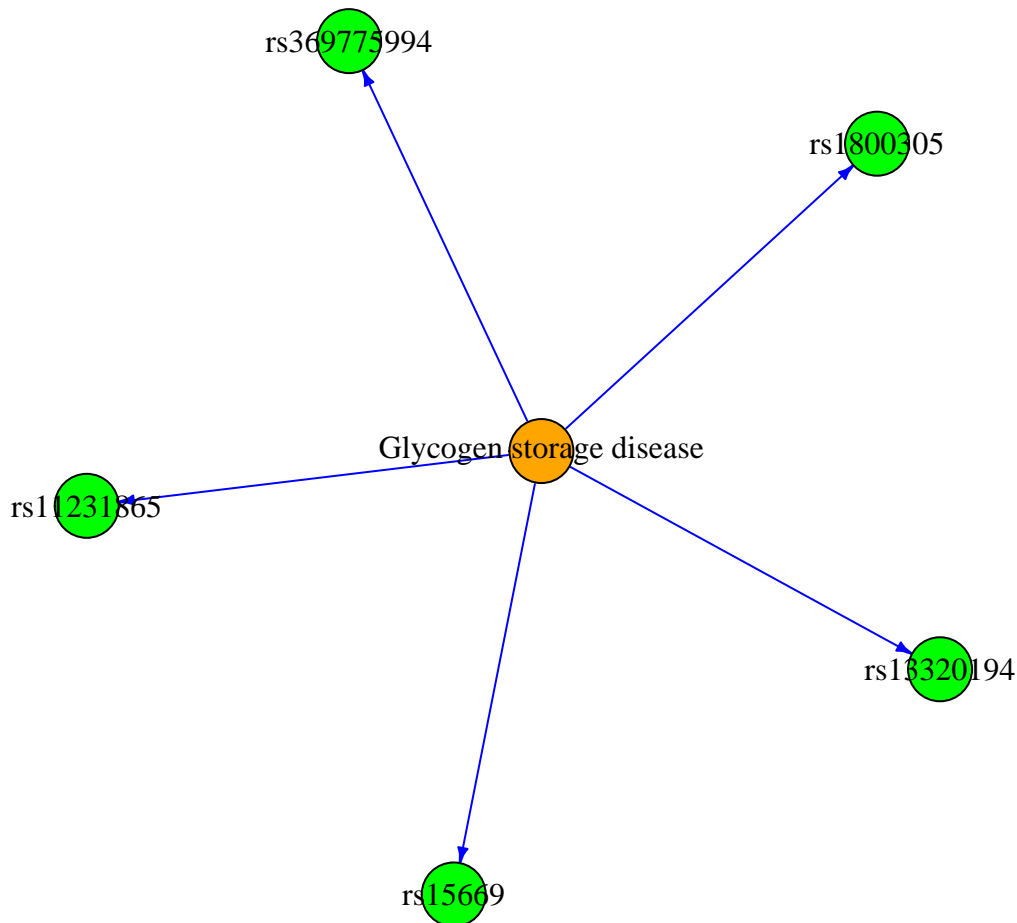
# Variant-Disease Network (GLUTAMIC PYRUVATE TRANSAMINASE POLYMORPHISM)



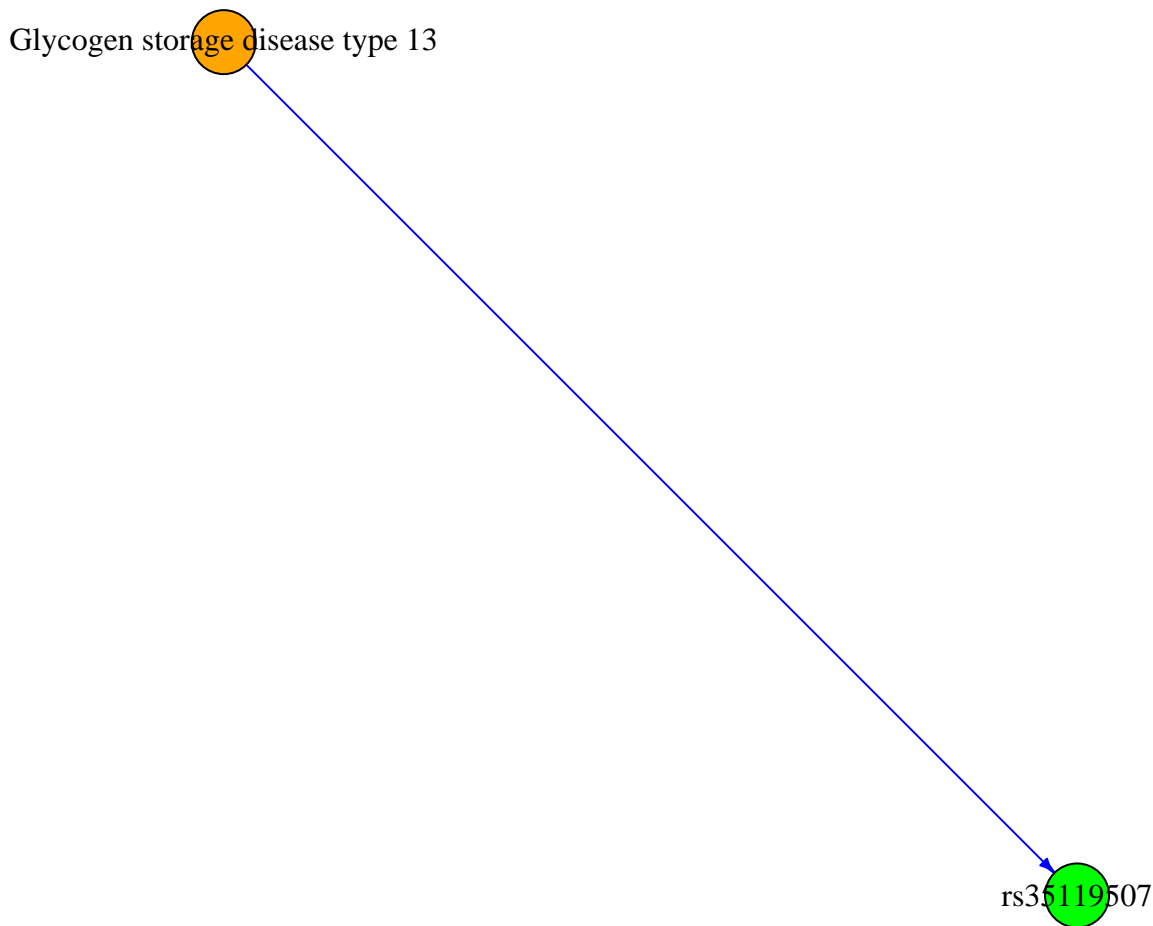
**Variant–Disease Network (Glycogen phosphorylase kinase deficiency)**



## Variant–Disease Network (Glycogen storage disease)

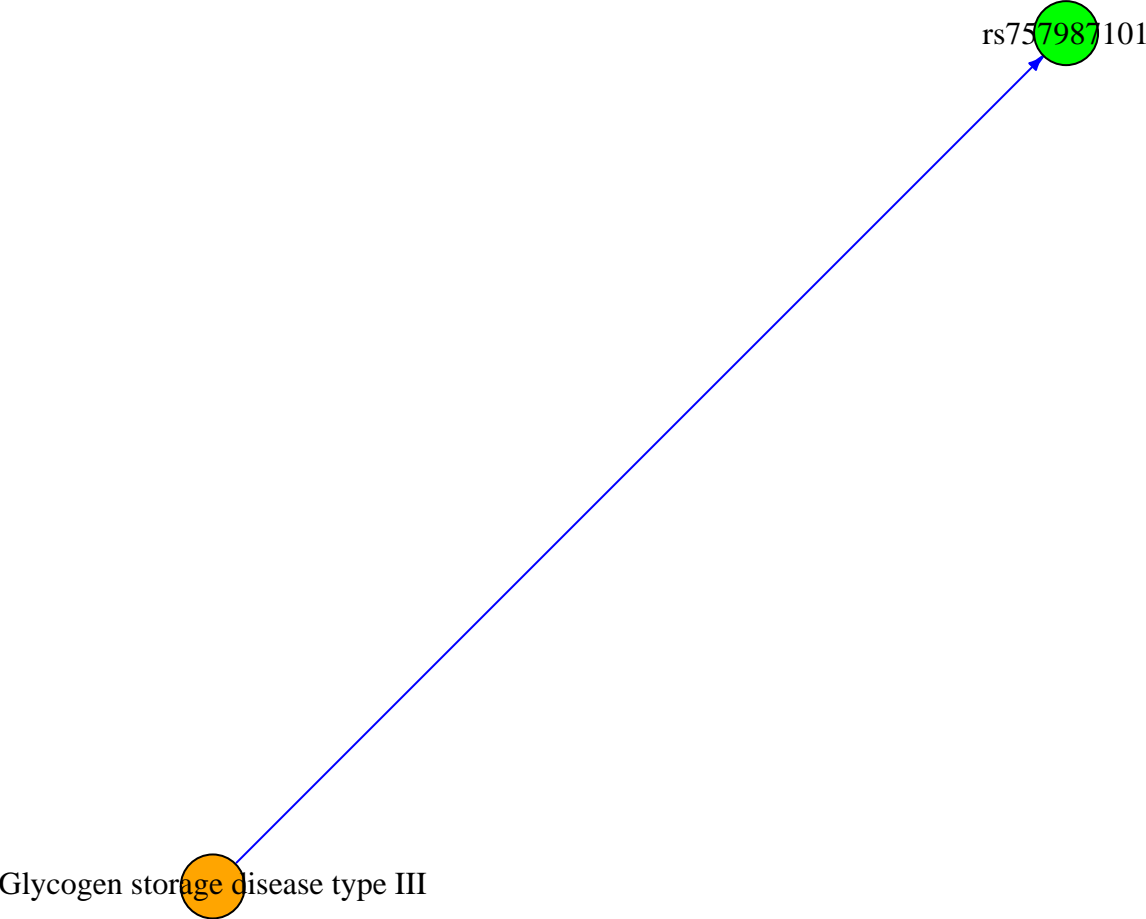


# Variant–Disease Network (Glycogen storage disease type 13)

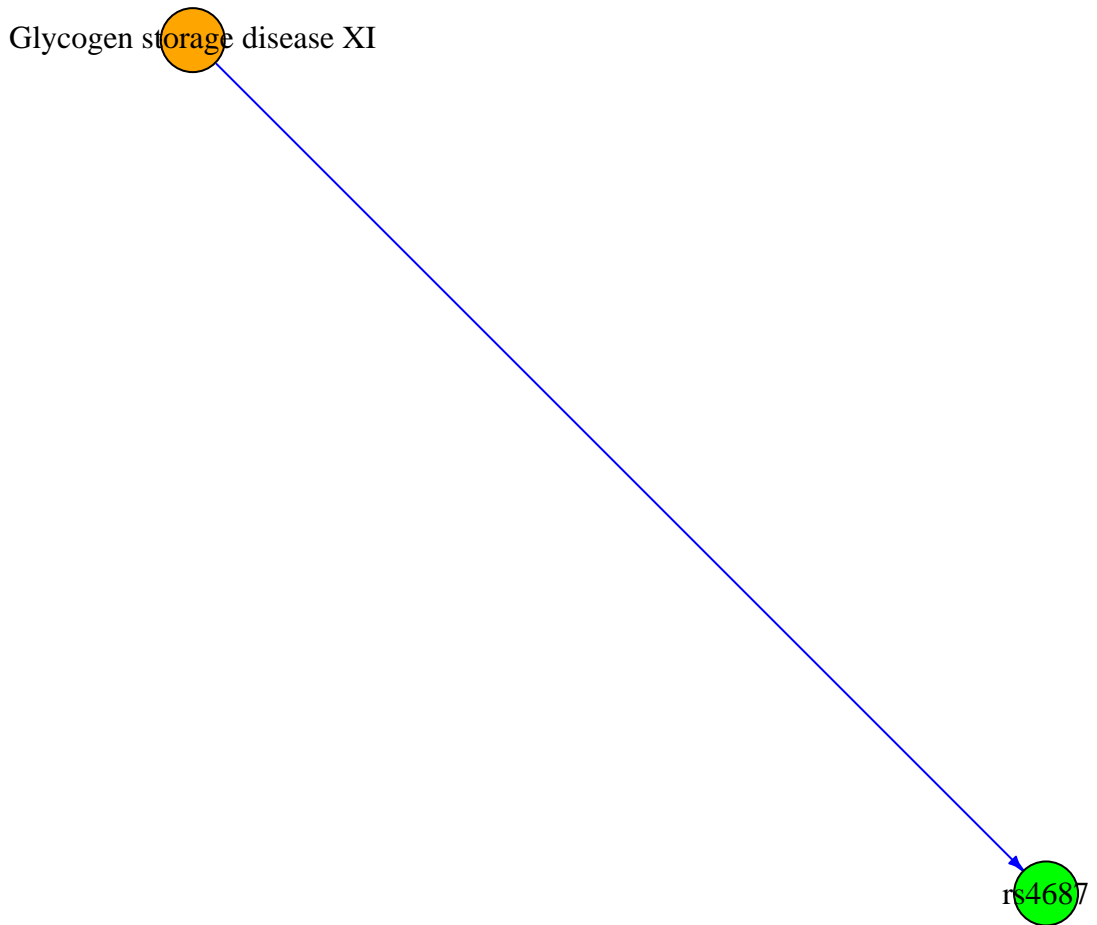




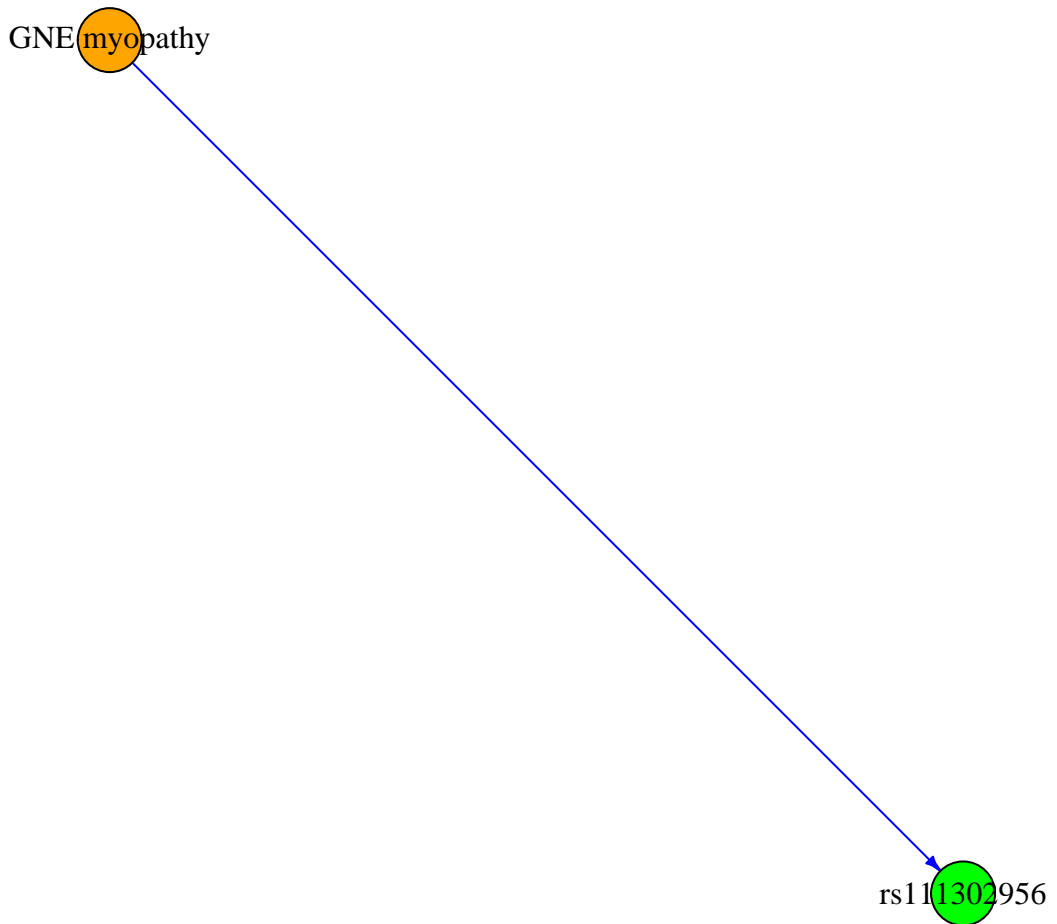
Variant–Disease Network (Glycogen storage disease type III)



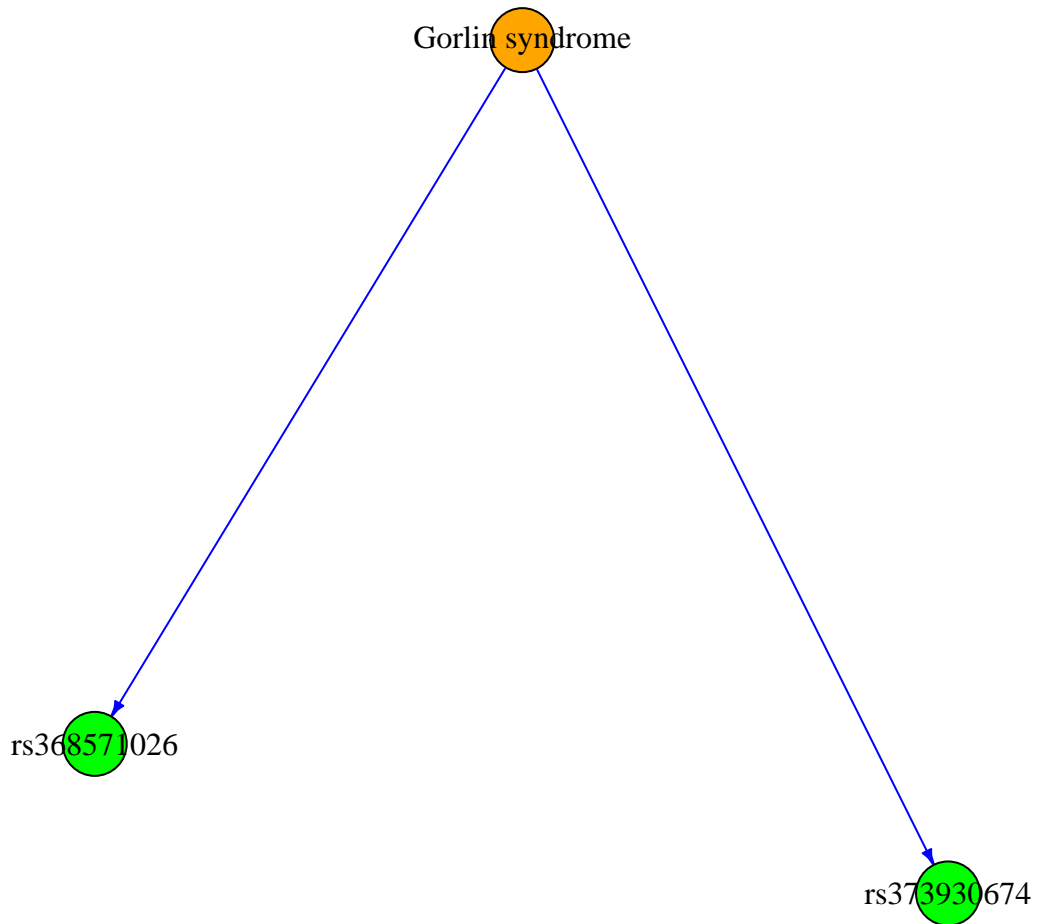
## Variant–Disease Network (Glycogen storage disease XI)



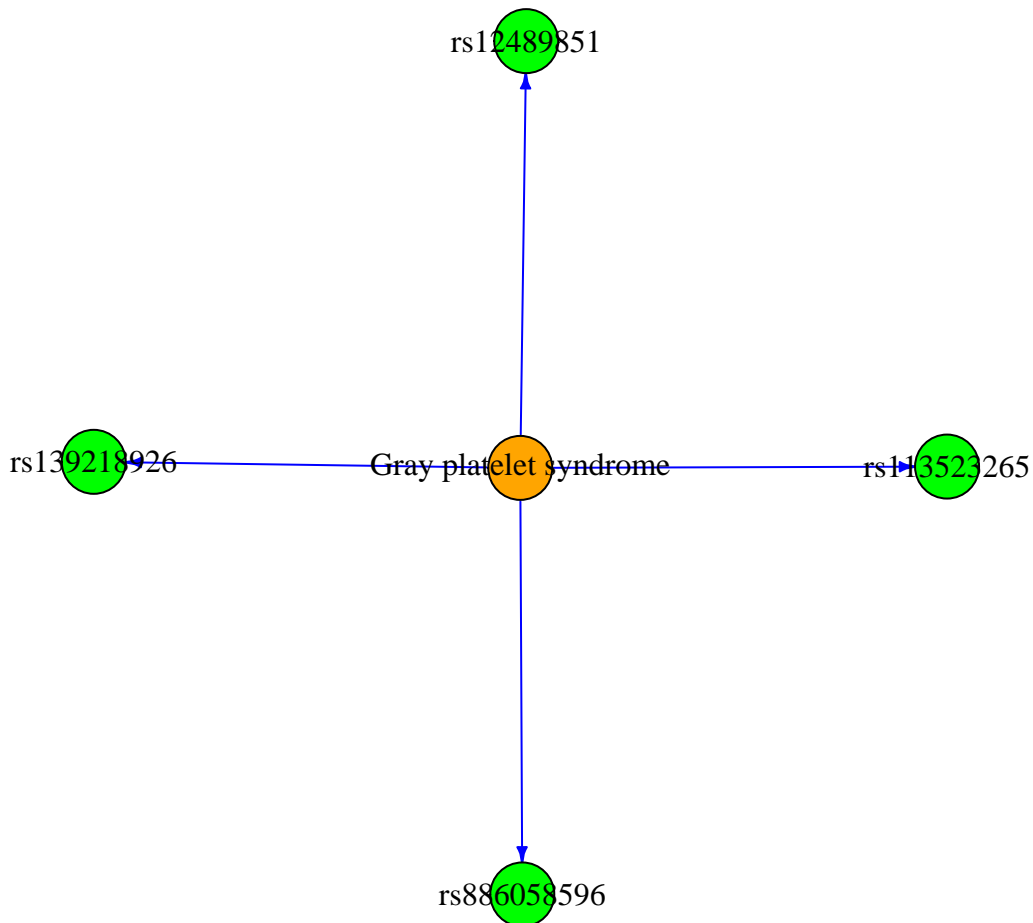
## Variant–Disease Network (GNE myopathy)



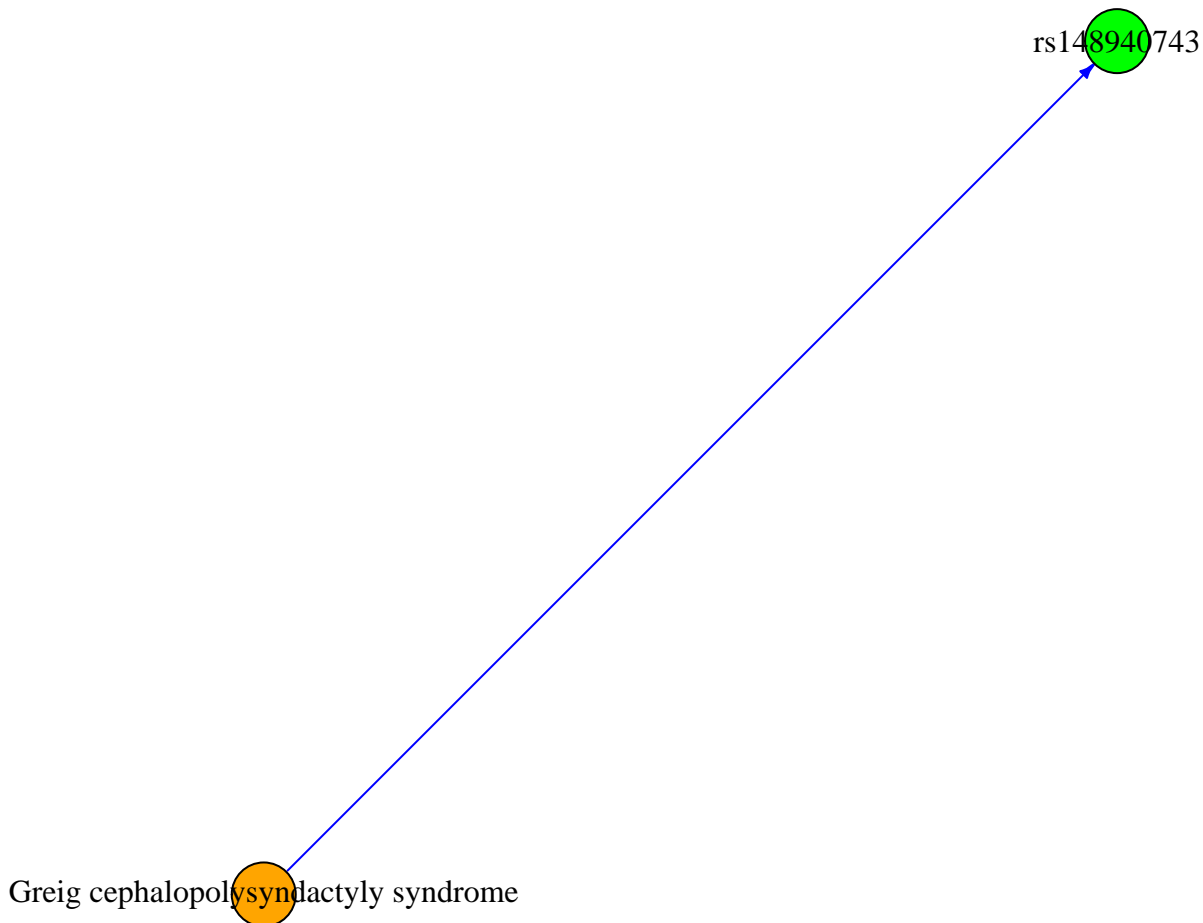
## Variant-Disease Network (Gorlin syndrome)



## Variant–Disease Network (Gray platelet syndrome)



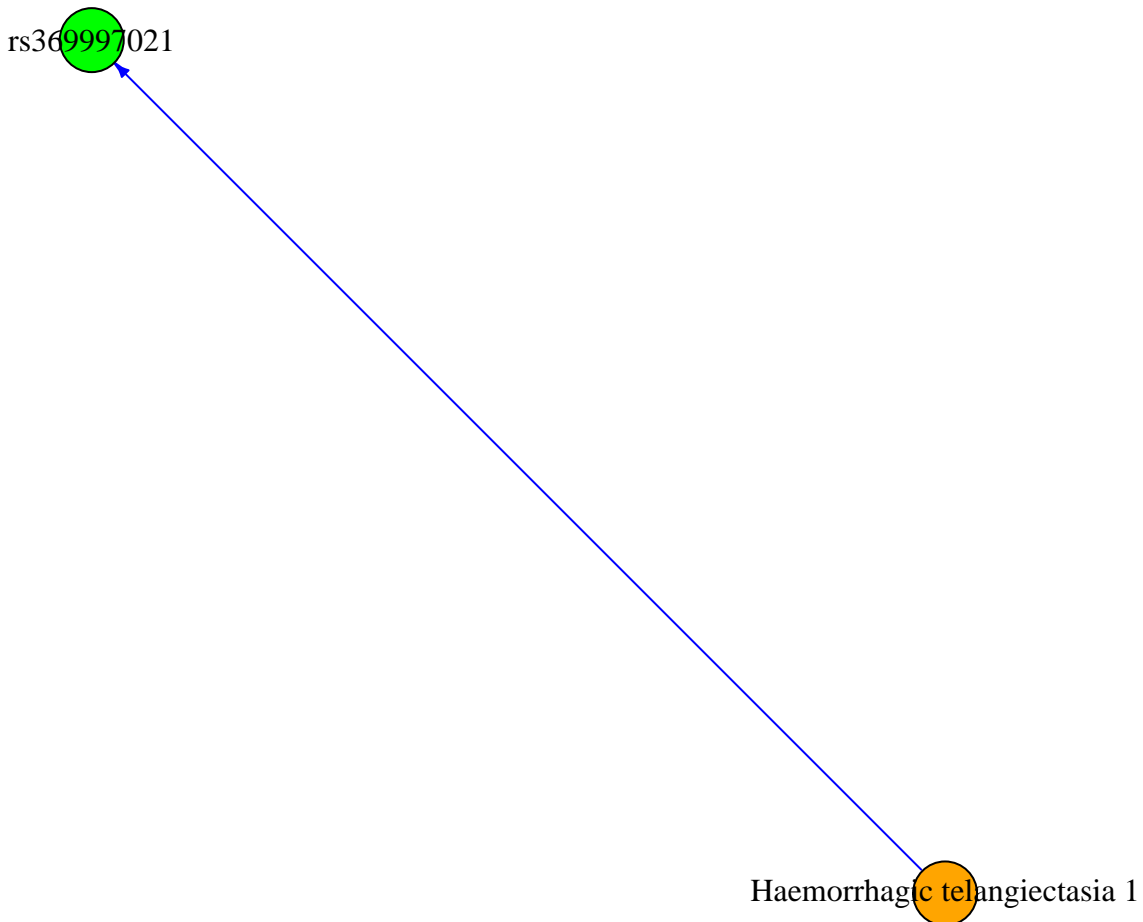
# Variant–Disease Network (Greig cephalopolysyndactyly syndrome)



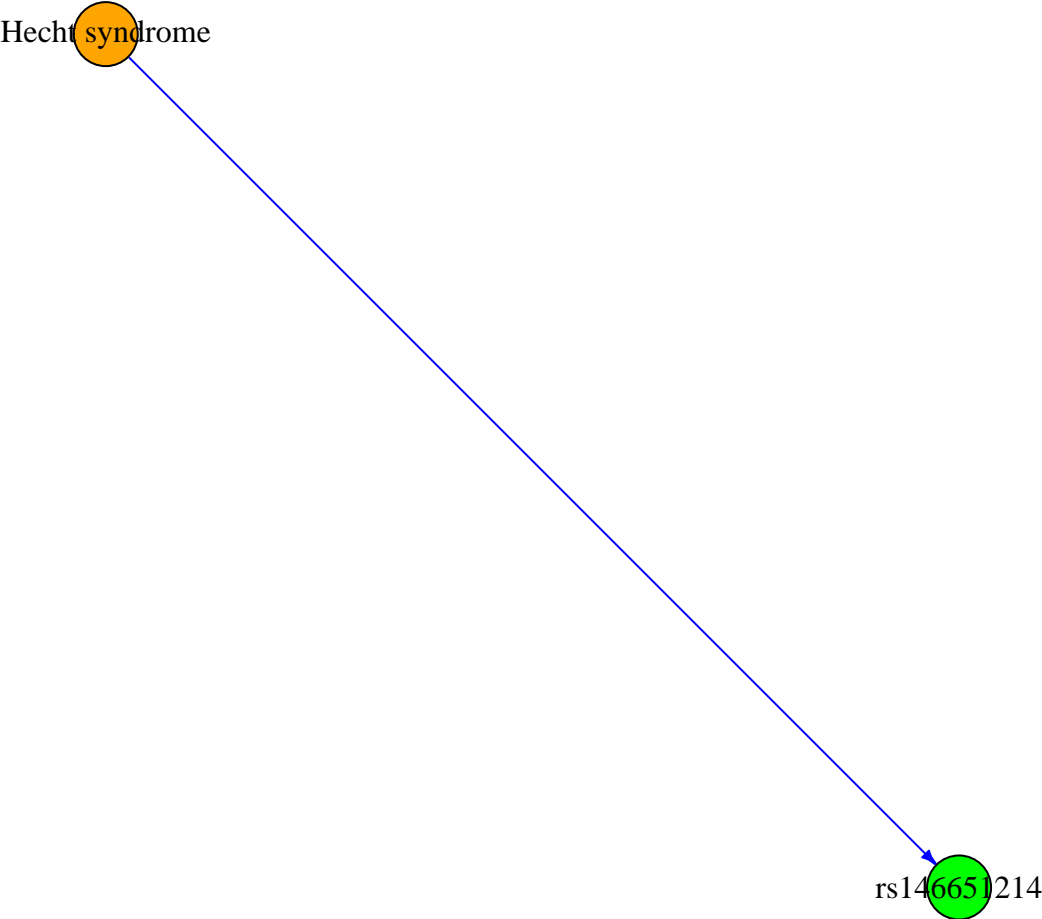
## Variant–Disease Network (Haemorrhagic telangiectasia 1)

rs369997021

Haemorrhagic telangiectasia 1

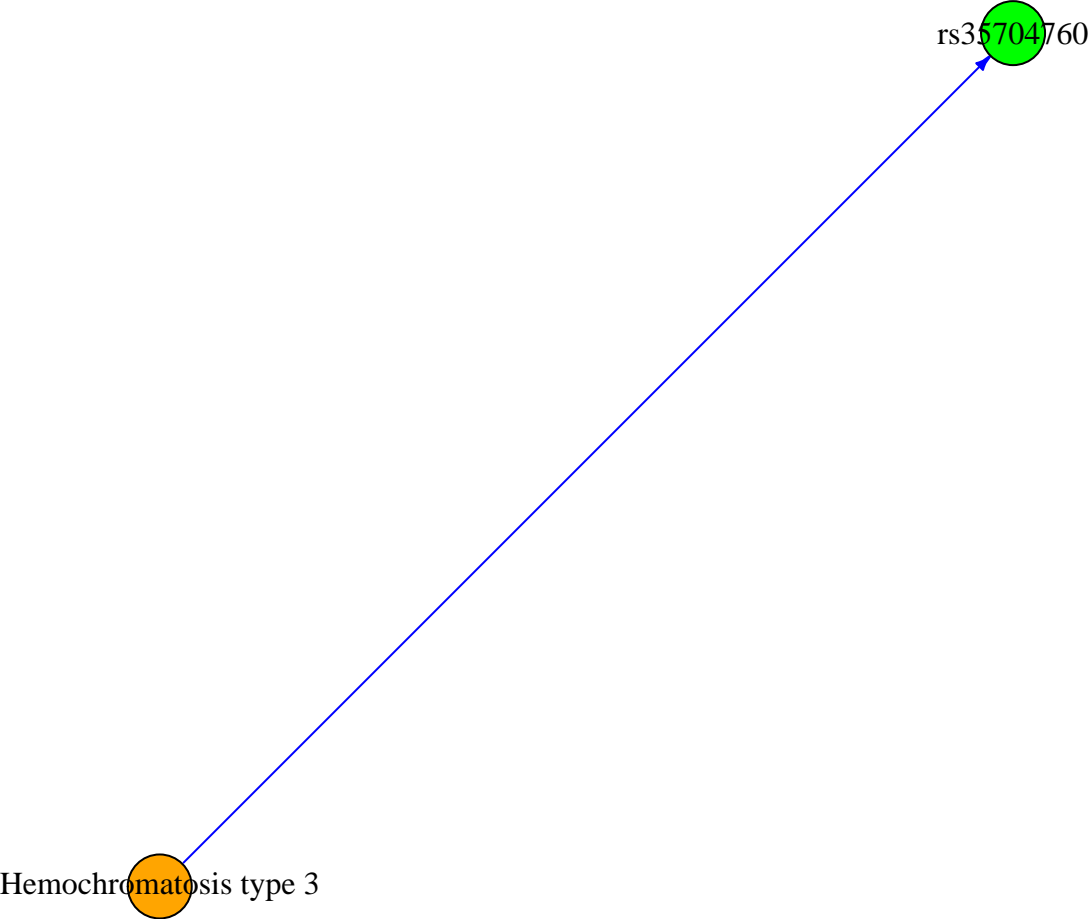


Variant–Disease Network (Hecht syndrome)

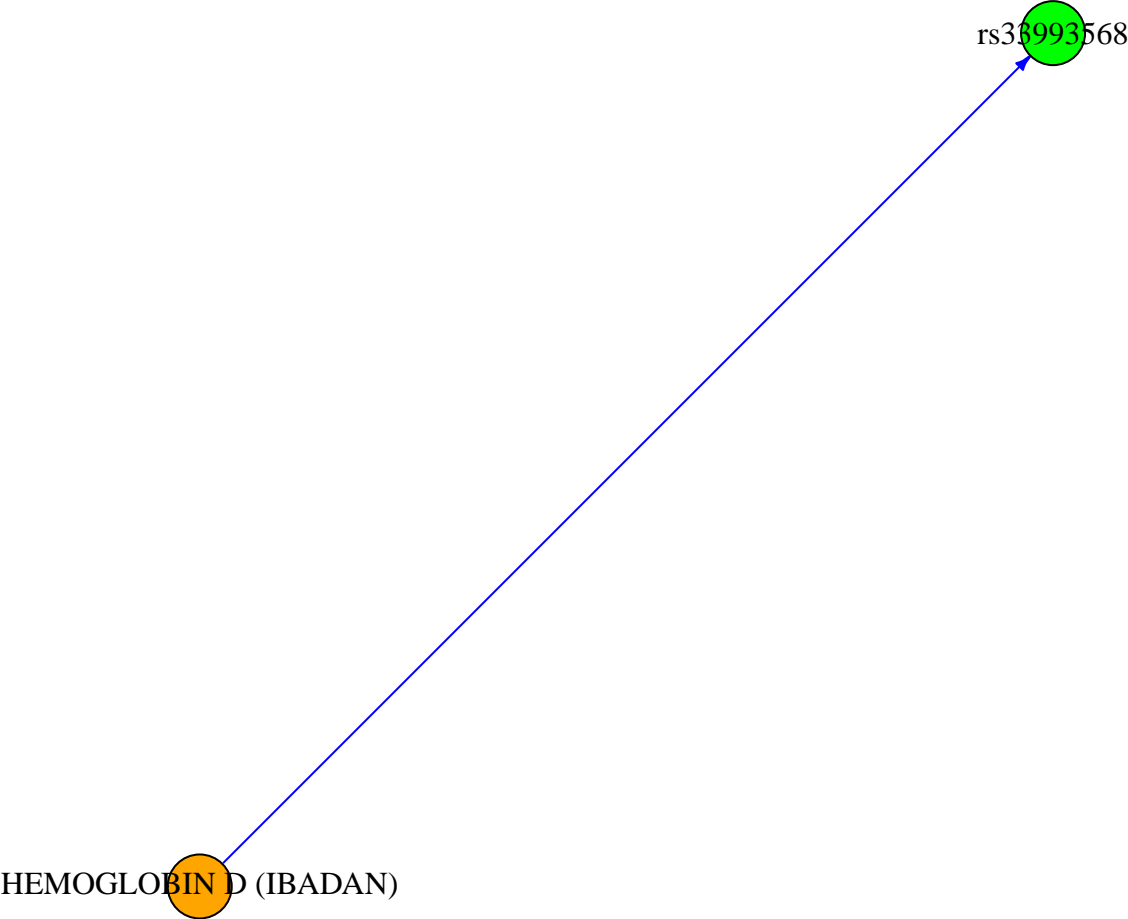




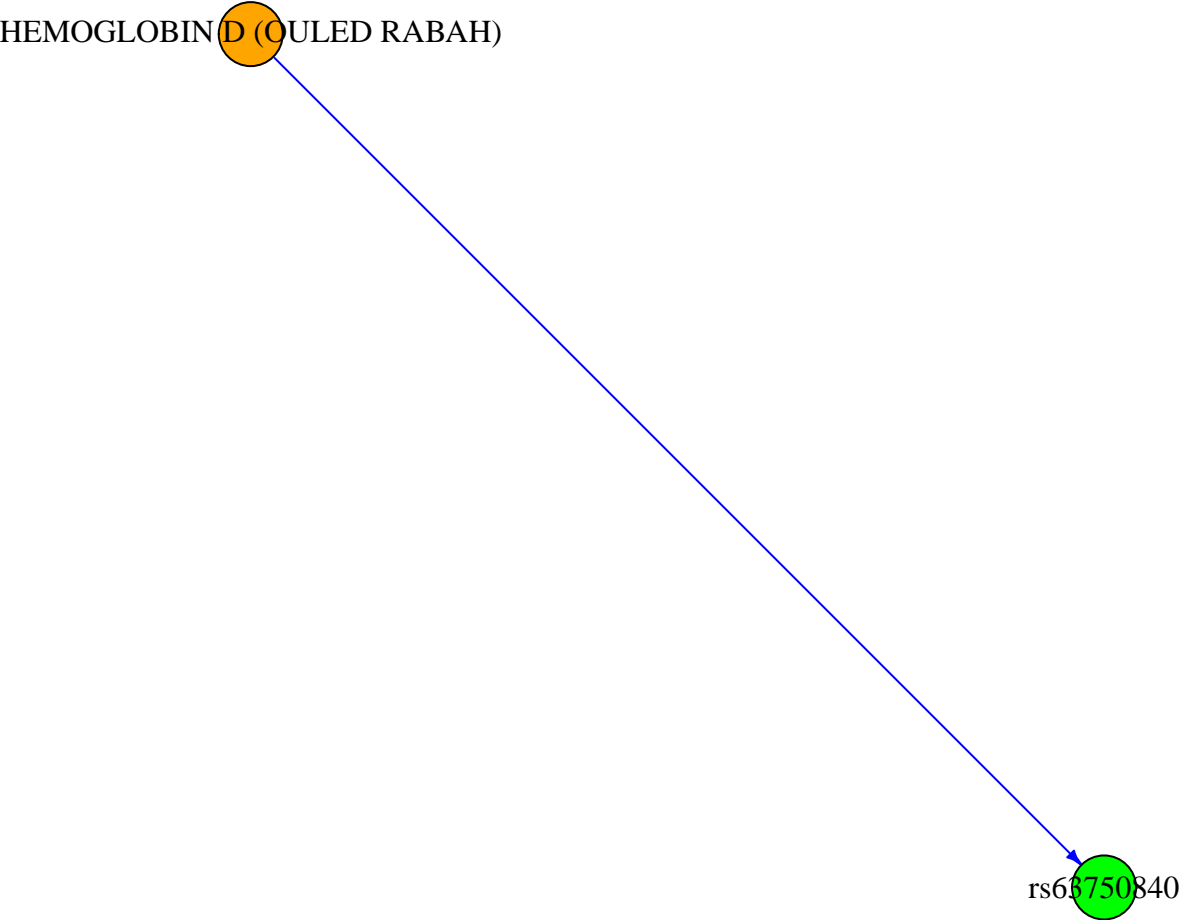
**Variant–Disease Network (Hemochromatosis type 3)**



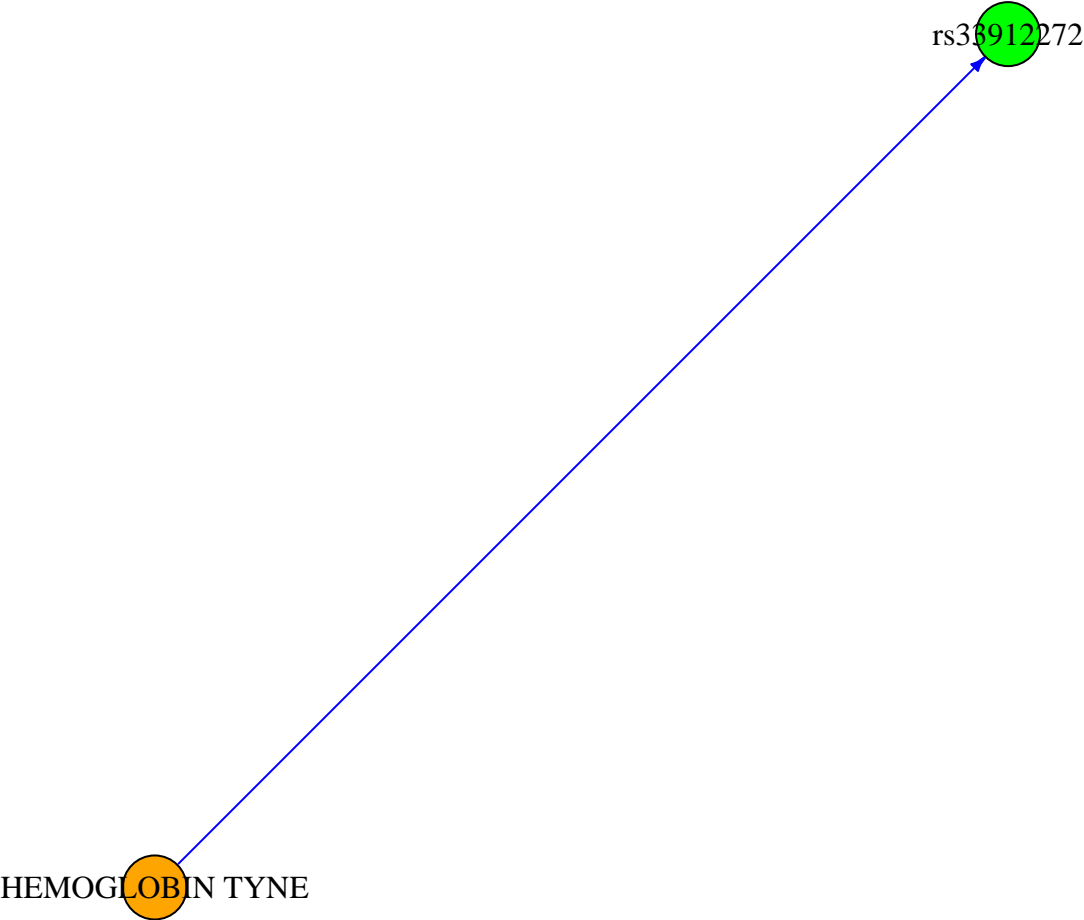
**Variant–Disease Network (HEMOGLOBIN D (IBADAN))**



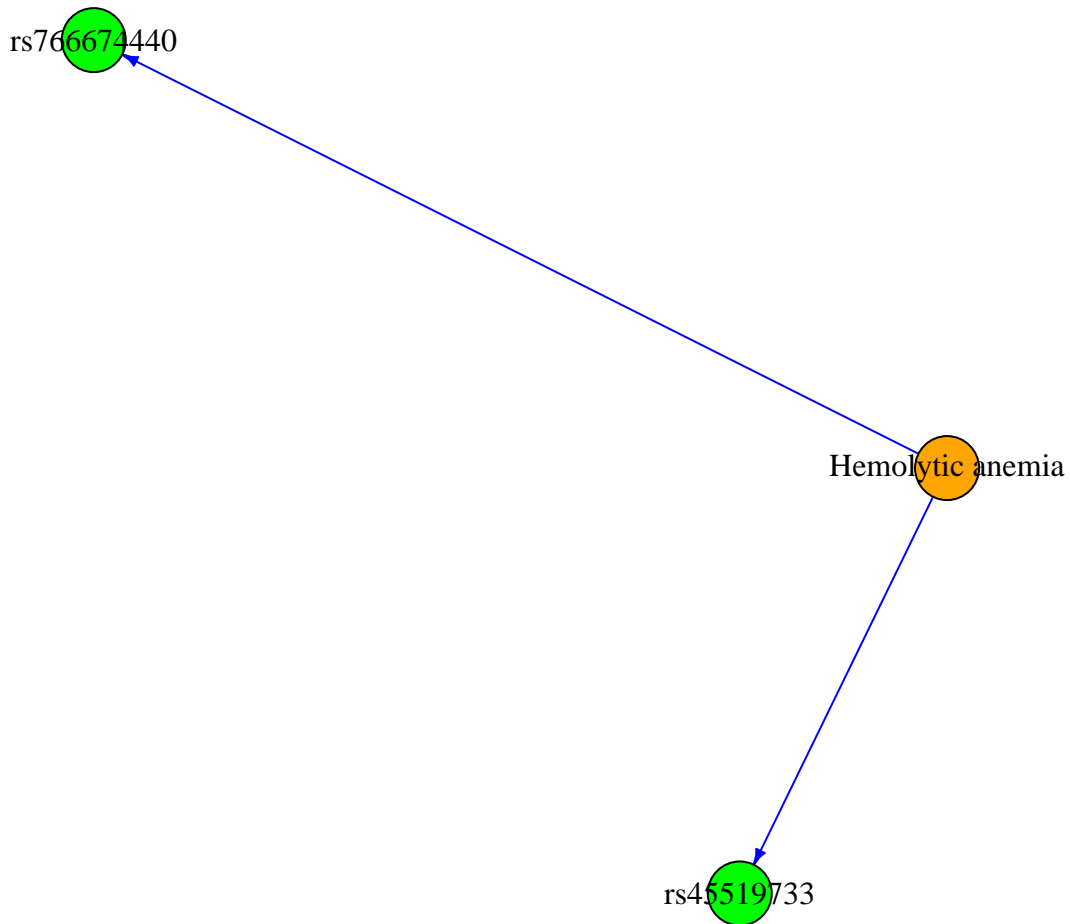
**Variant–Disease Network (HEMOGLOBIN D (OULED RABAH))**



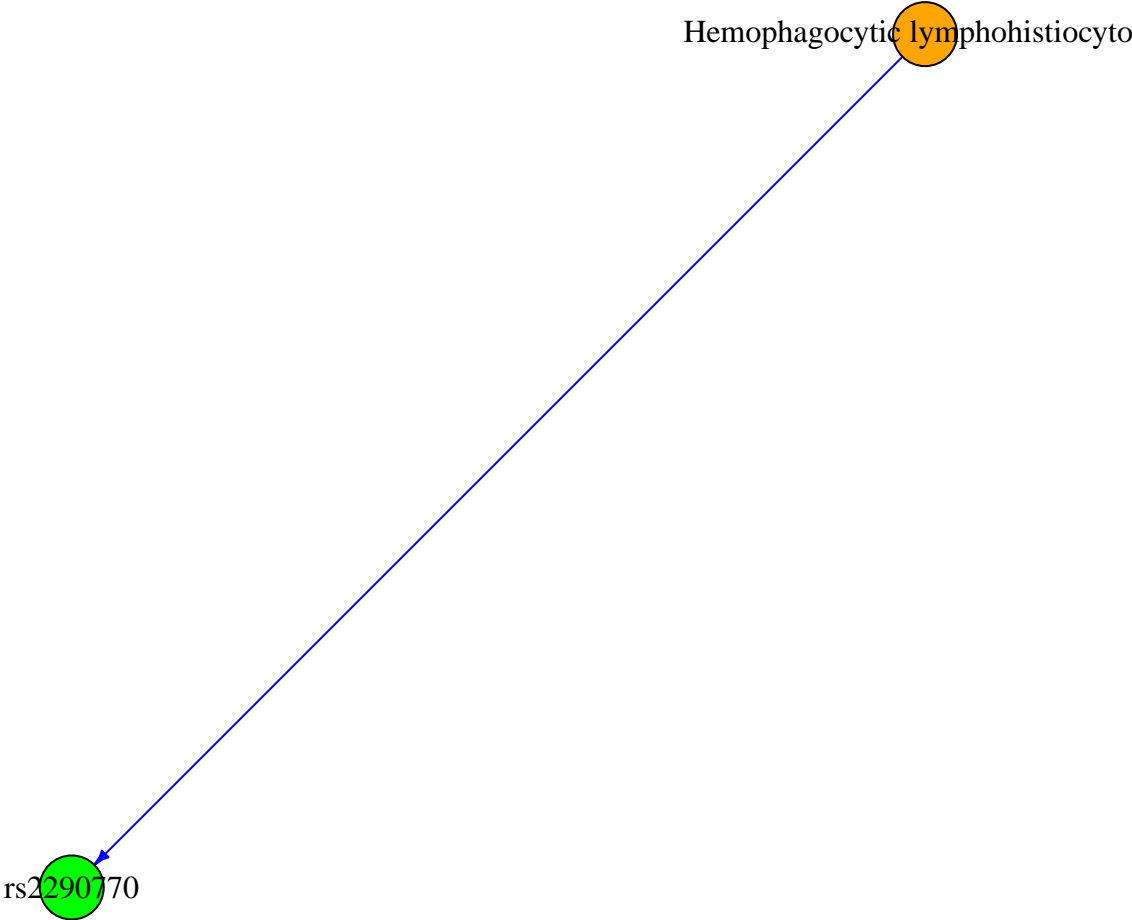
Variant–Disease Network (HEMOGLOBIN TYNE)



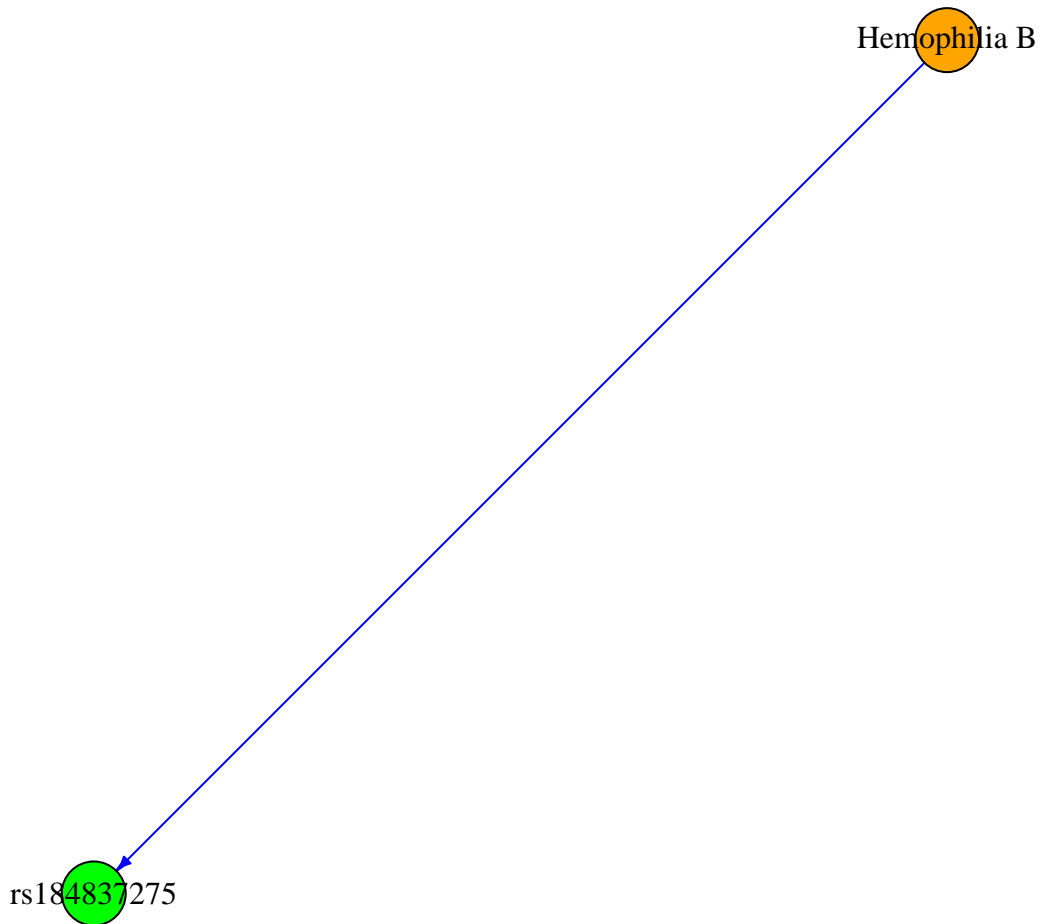
## Variant–Disease Network (Hemolytic anemia)



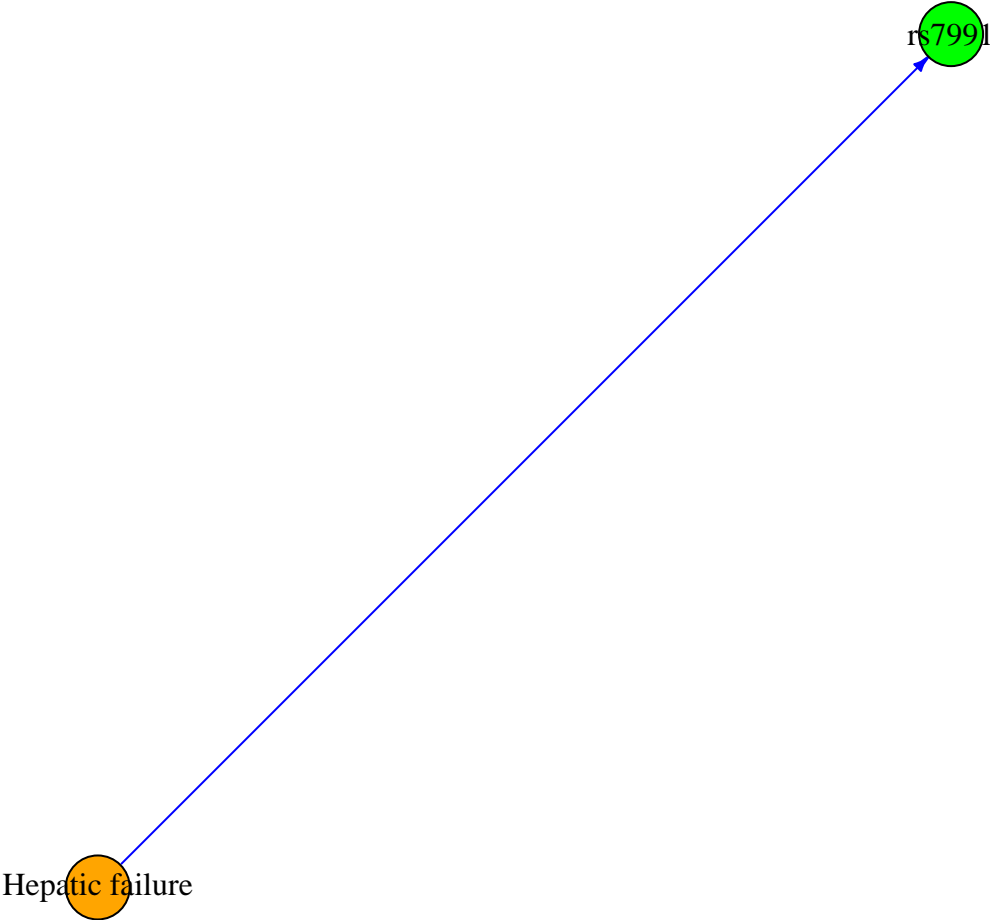
Variant–Disease Network (Hemophagocytic lymphohistiocytosis)



## Variant-Disease Network (Hemophilia B)

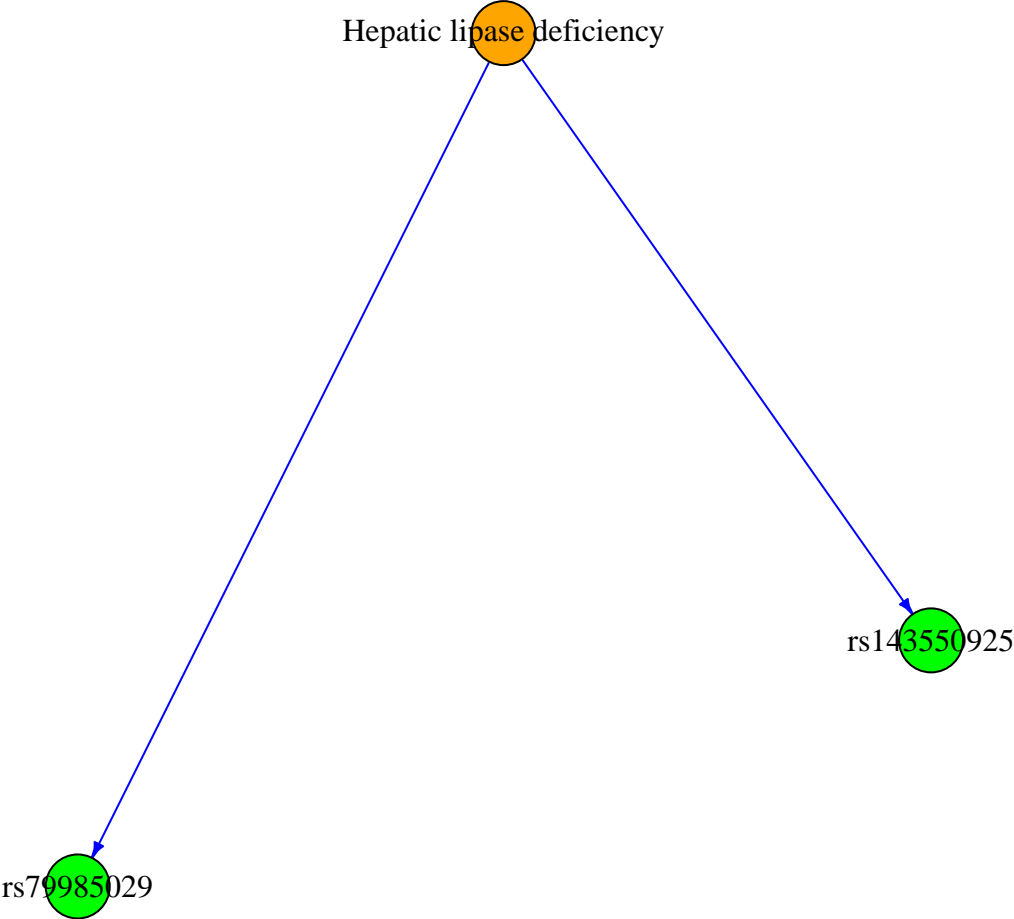


Variant–Disease Network (Hepatic failure)

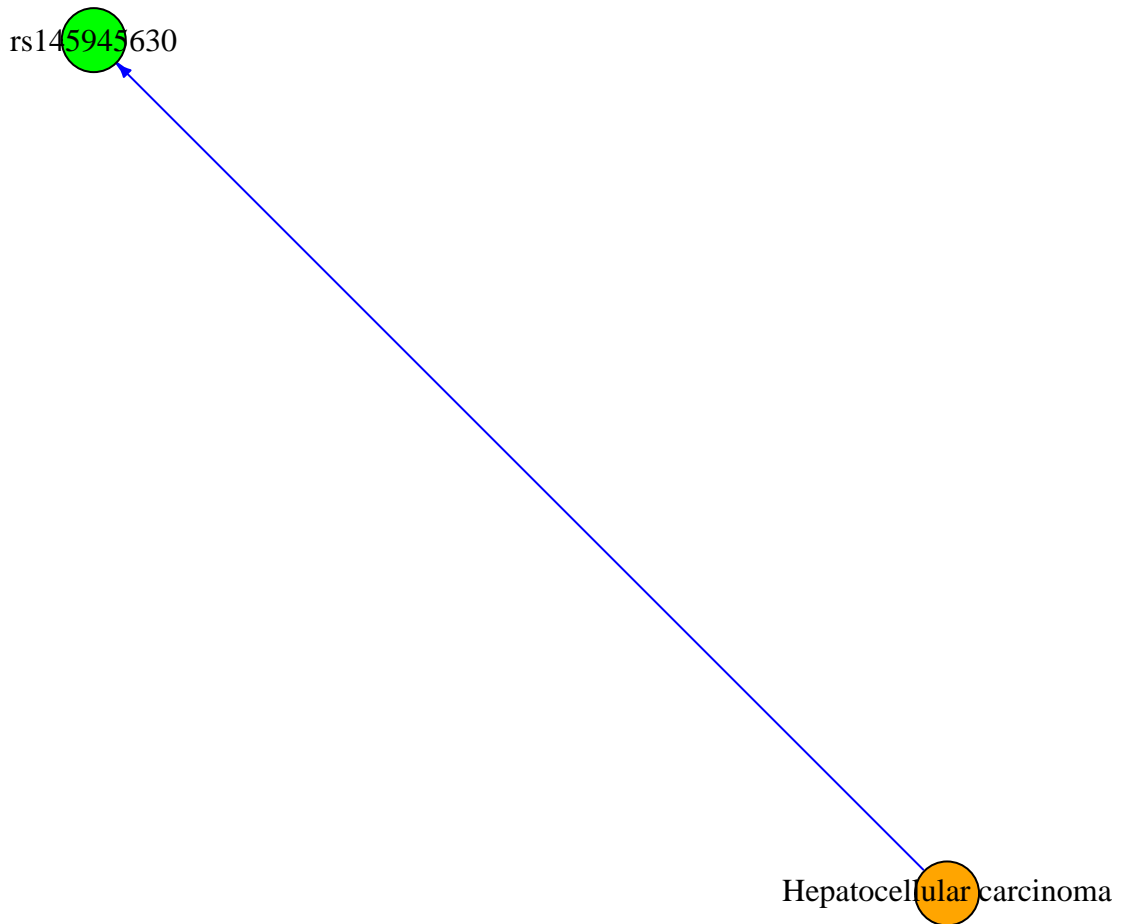




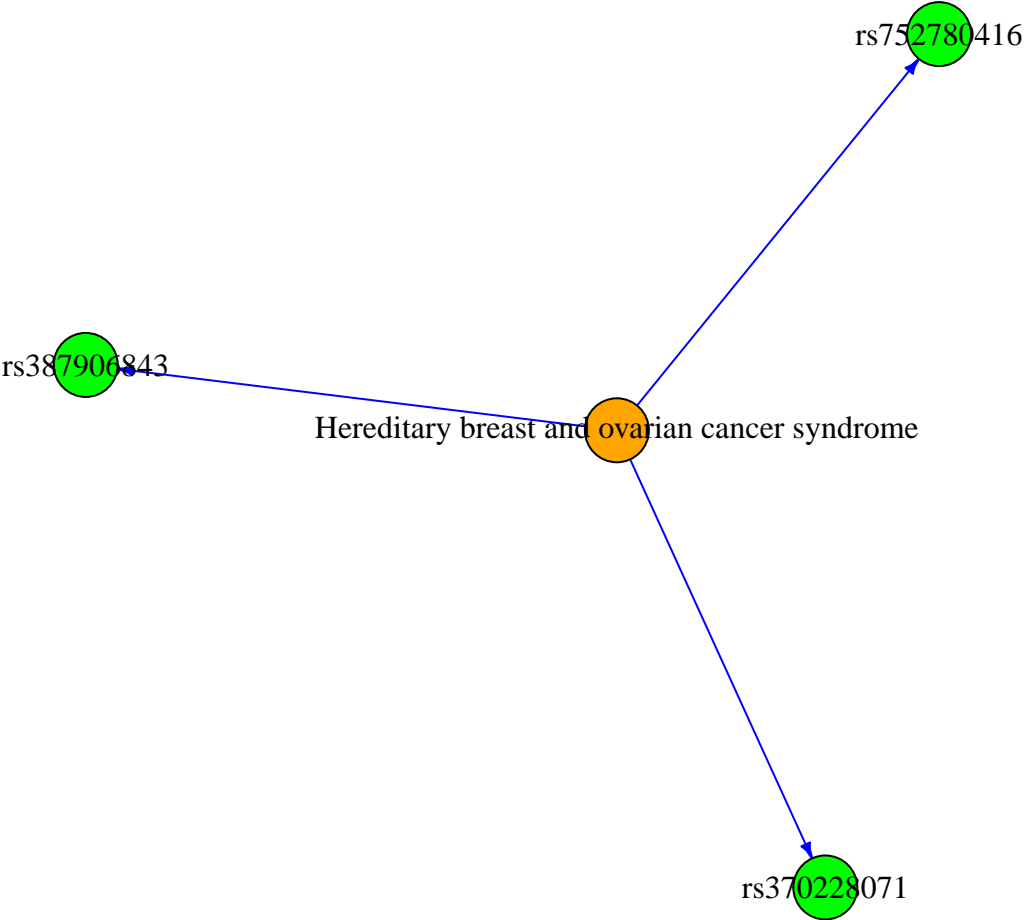
Variant–Disease Network (Hepatic lipase deficiency)



## Variant–Disease Network (Hepatocellular carcinoma)

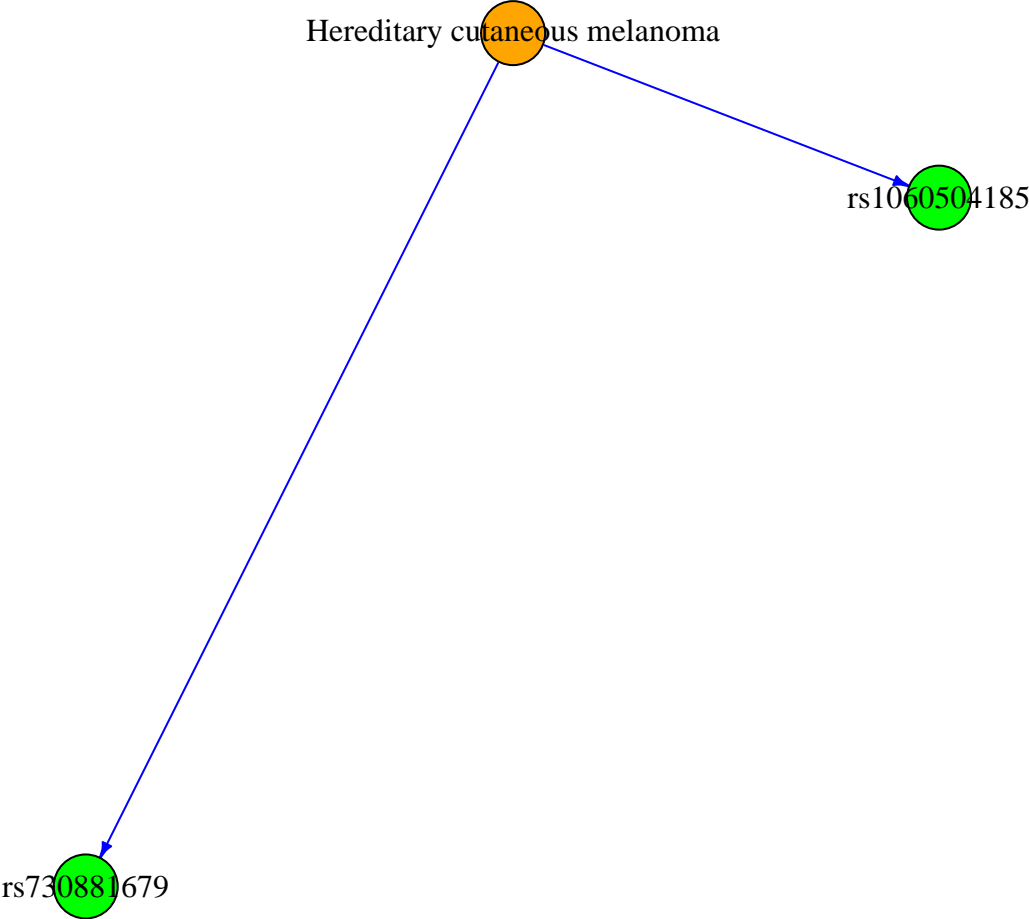


Variant–Disease Network (Hereditary breast and ovarian cancer syndrome)

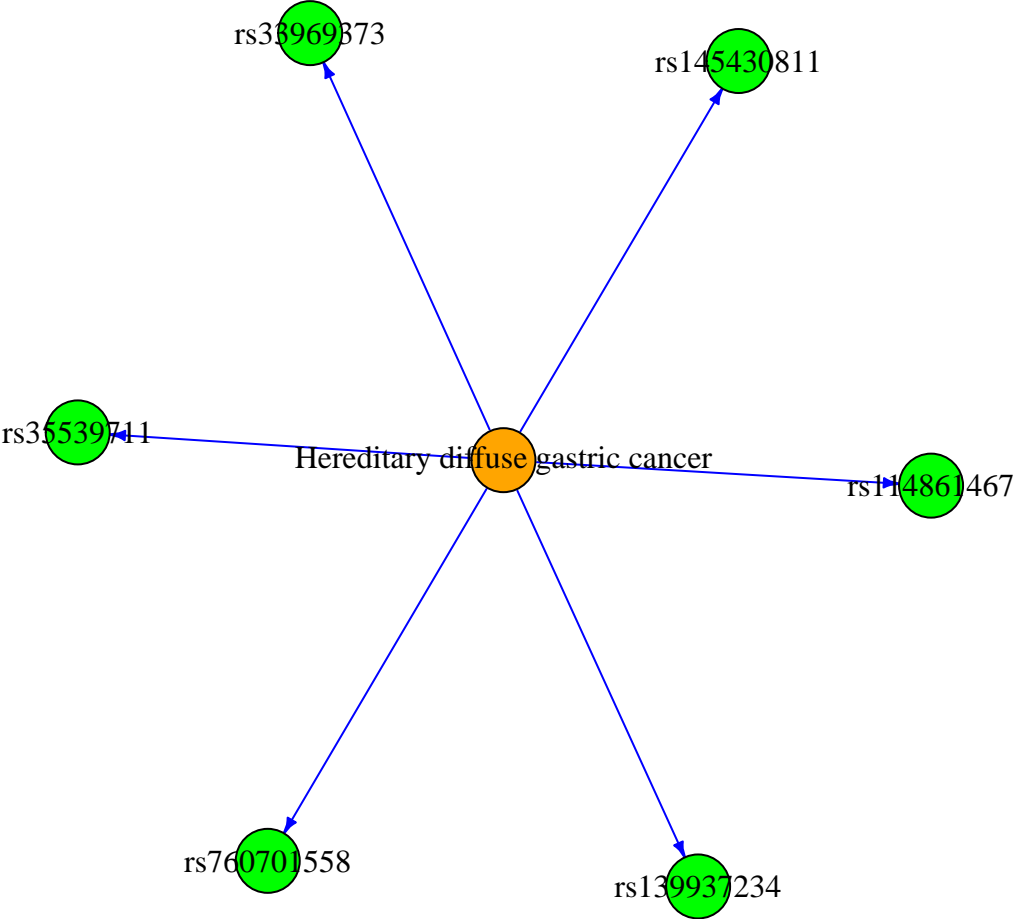


## Variant-Disease Network (Hereditary cancer-predisposing syndrome)

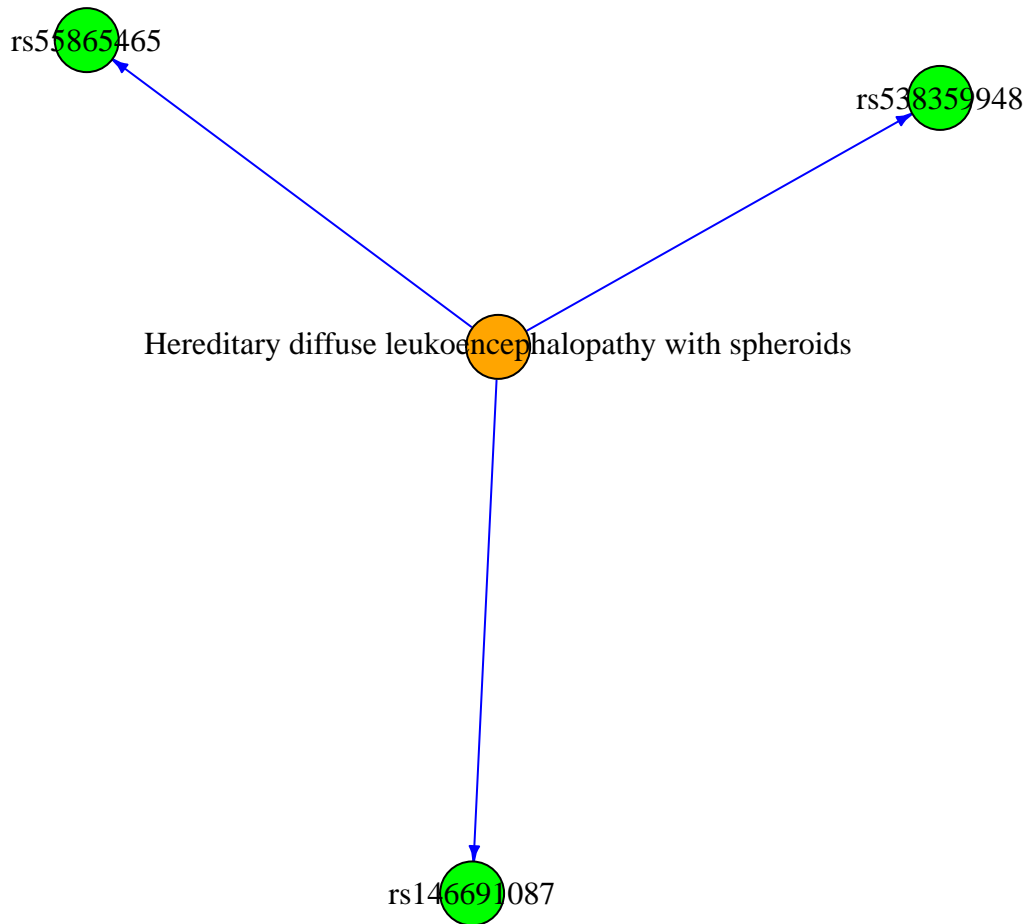
**Variant–Disease Network (Hereditary cutaneous melanoma)**



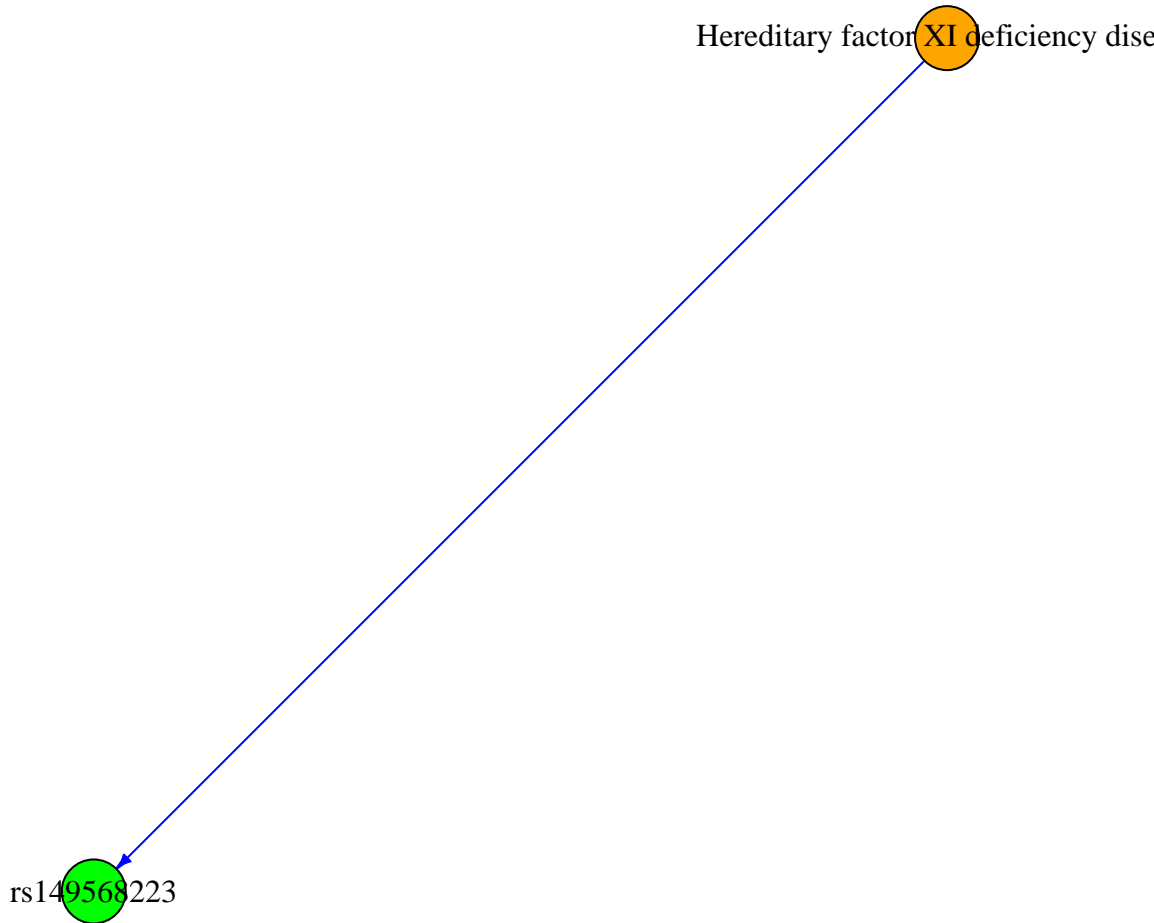
**Variant–Disease Network (Hereditary diffuse gastric cancer)**



# Variant-Disease Network (Hereditary diffuse leukoencephalopathy with spheroids)

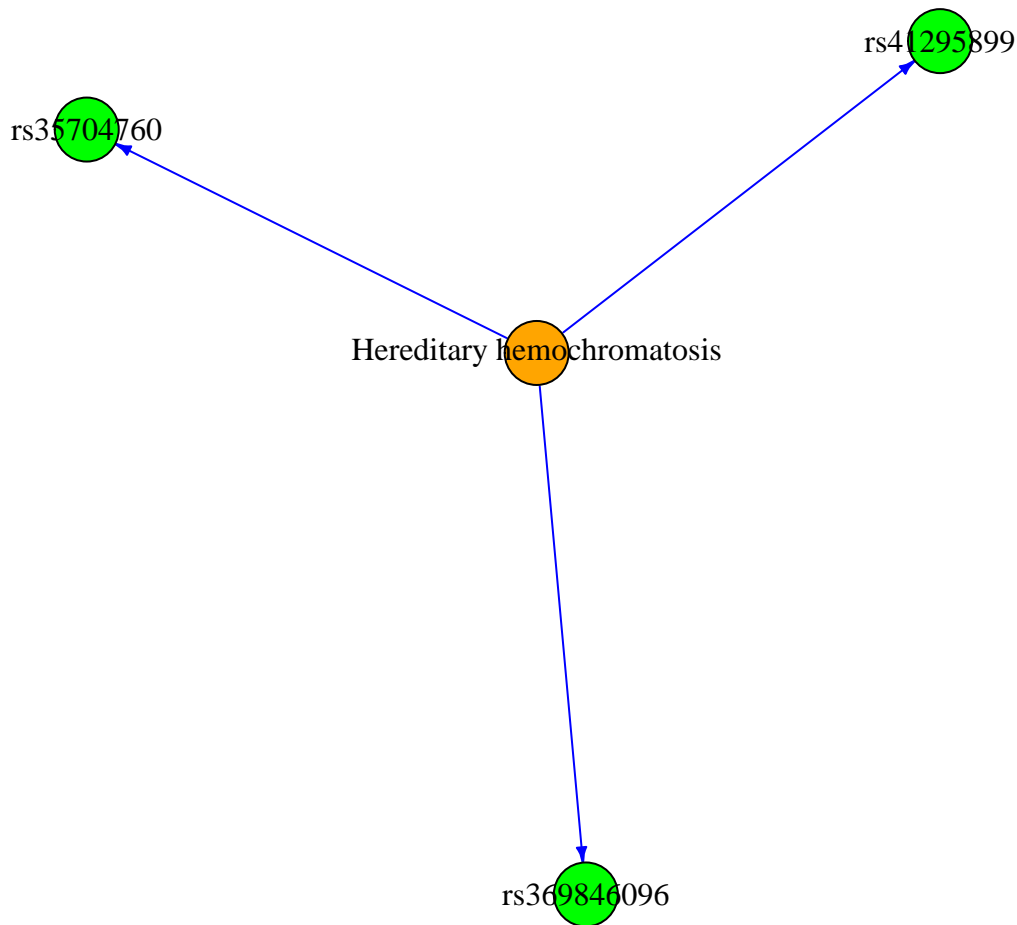


# Variant–Disease Network (Hereditary factor XI deficiency disease)

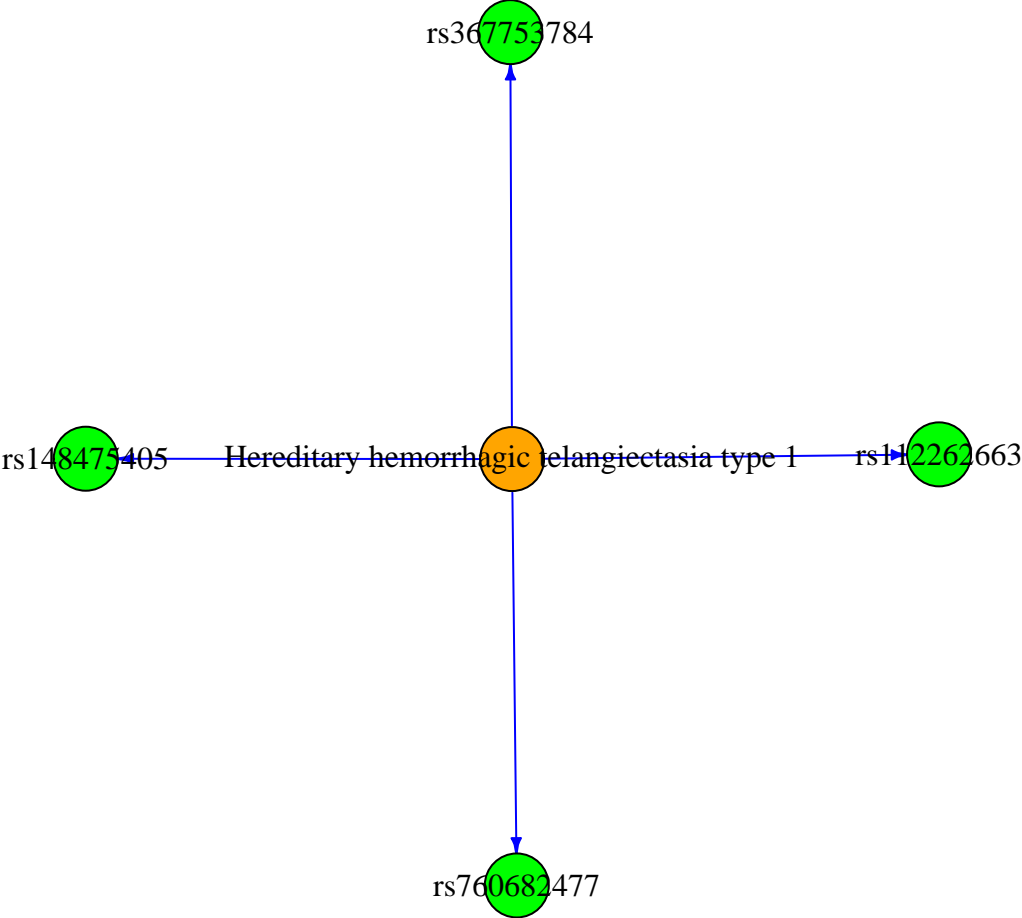




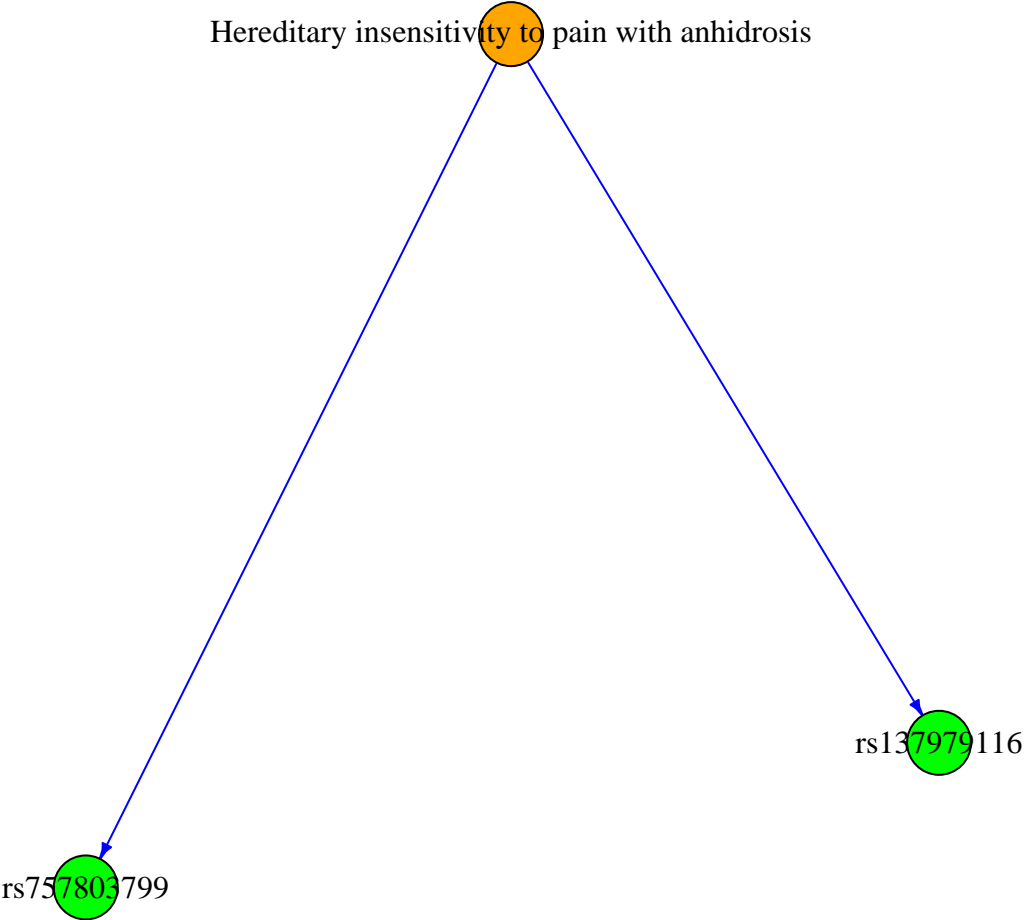
## Variant–Disease Network (Hereditary hemochromatosis)



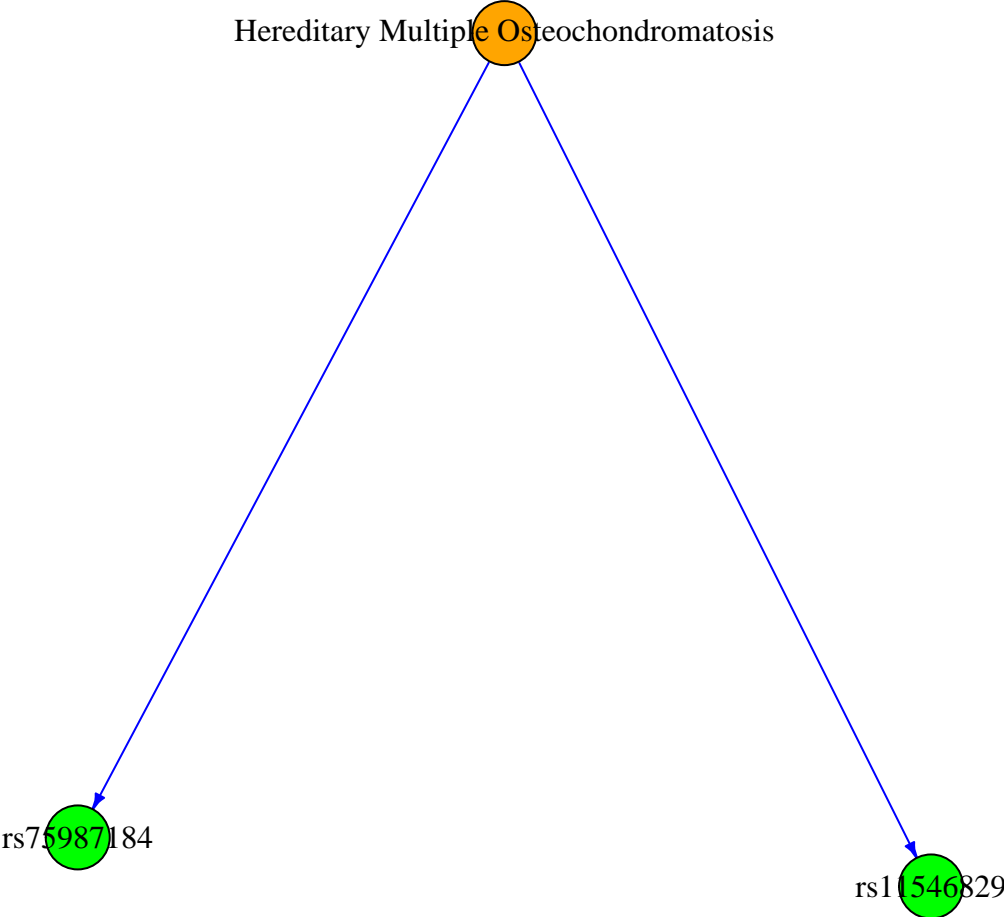
**Variant–Disease Network (Hereditary hemorrhagic telangiectasia type 1)**



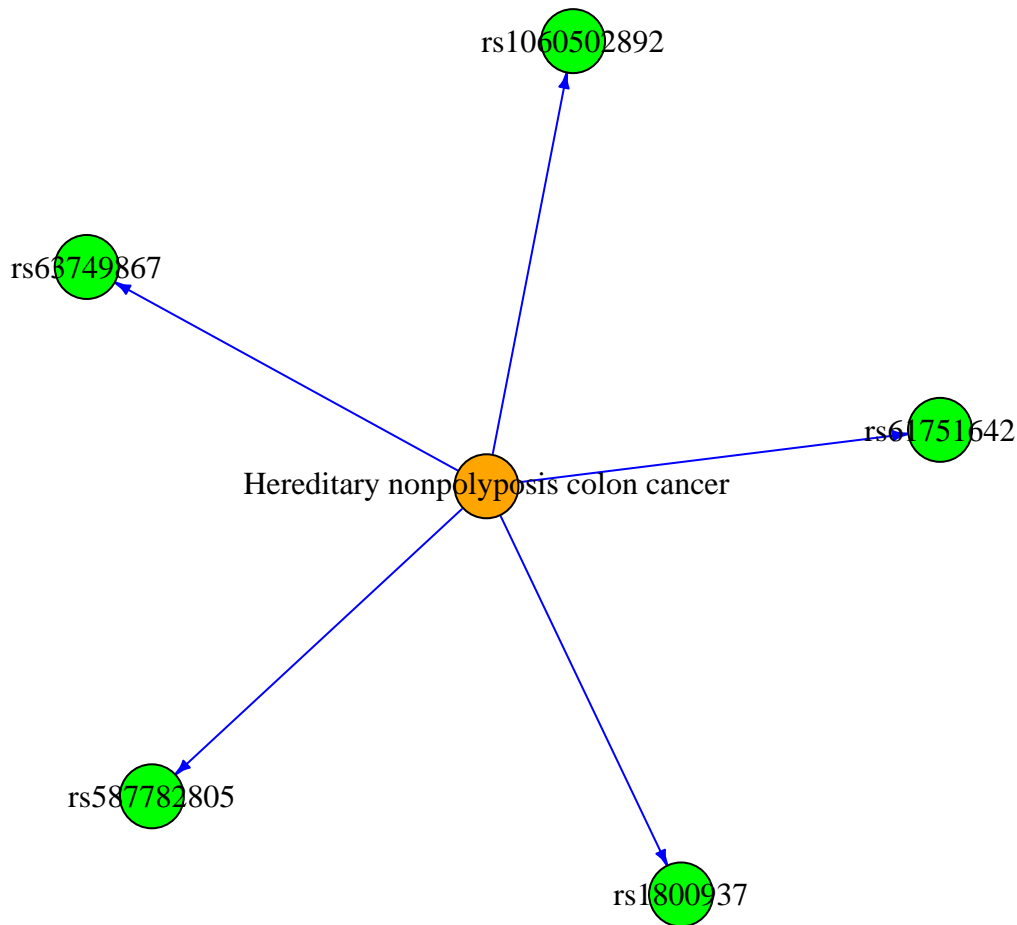
Variant–Disease Network (Hereditary insensitivity to pain with anhidrosis)



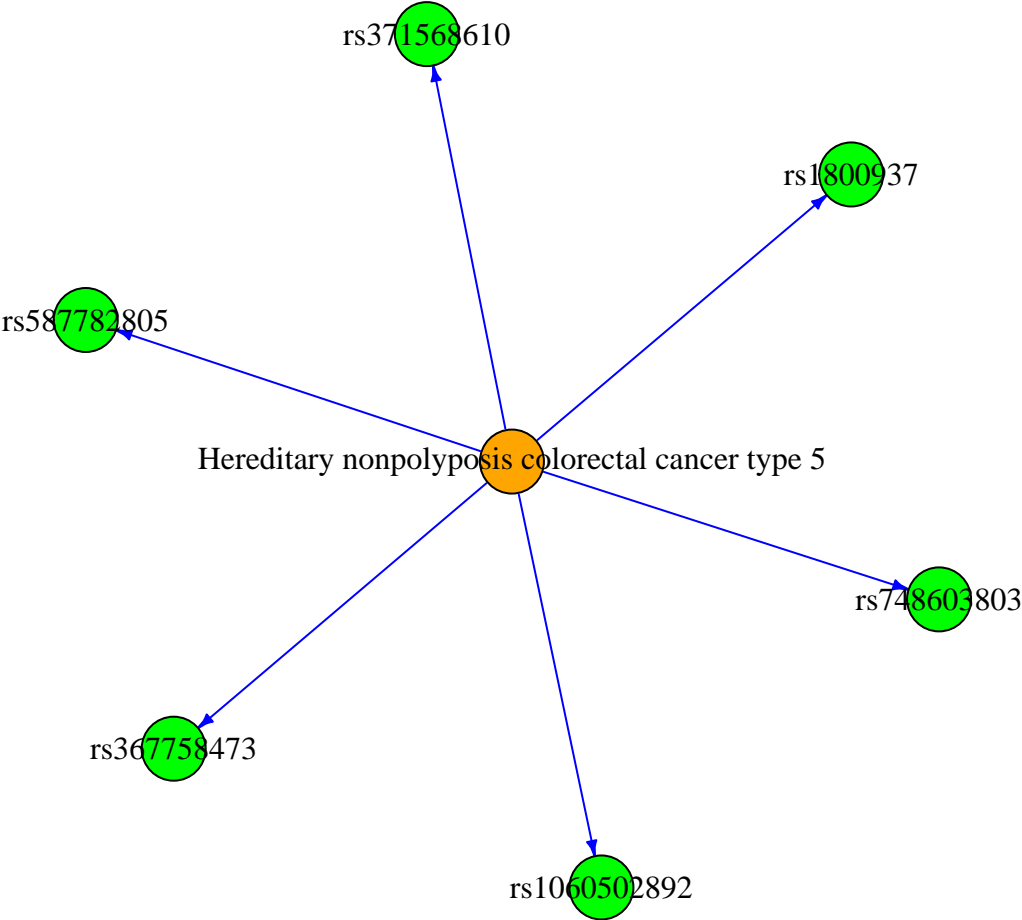
**Variant–Disease Network (Hereditary Multiple Osteochondromatosis)**



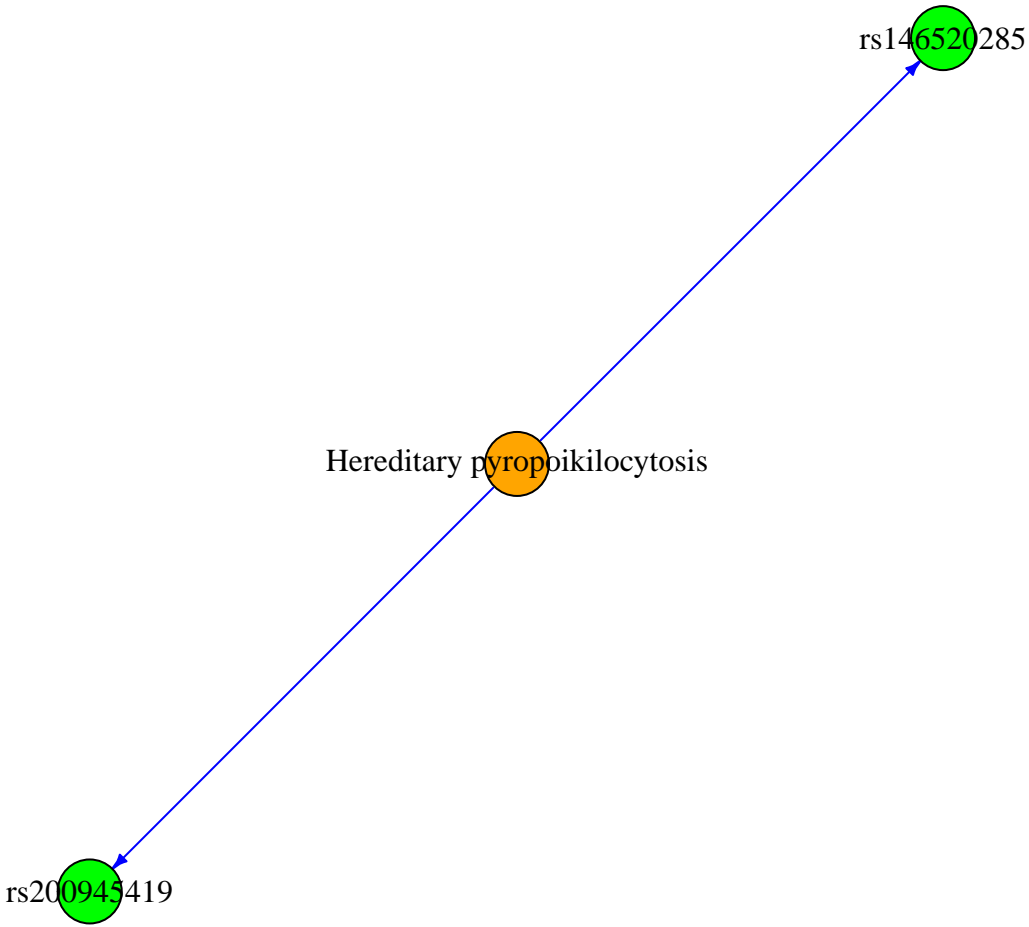
# Variant–Disease Network (Hereditary nonpolyposis colon cancer)



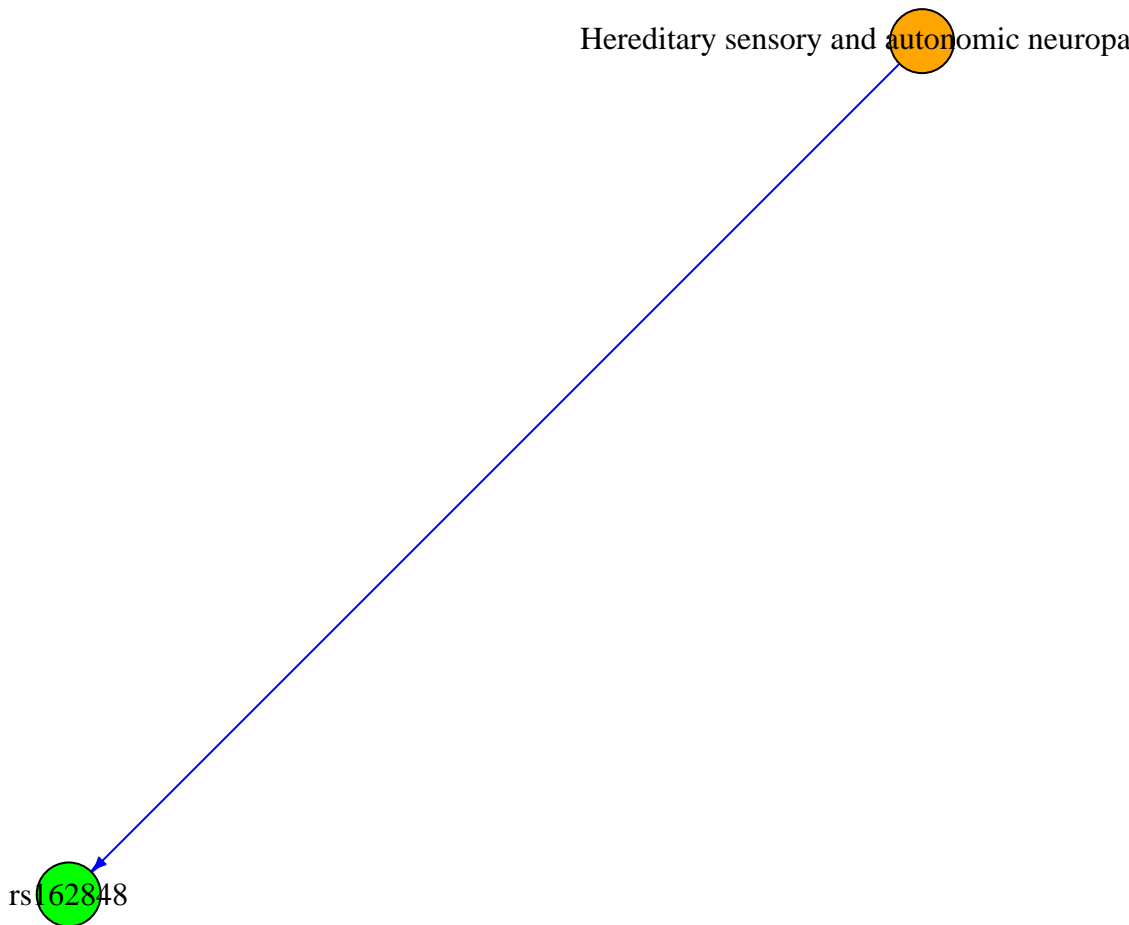
Variant–Disease Network (Hereditary nonpolyposis colorectal cancer type



**Variant–Disease Network (Hereditary pyropoikilocytosis)**



# Variant-Disease Network (Hereditary sensory and autonomic neuropathy type 1)

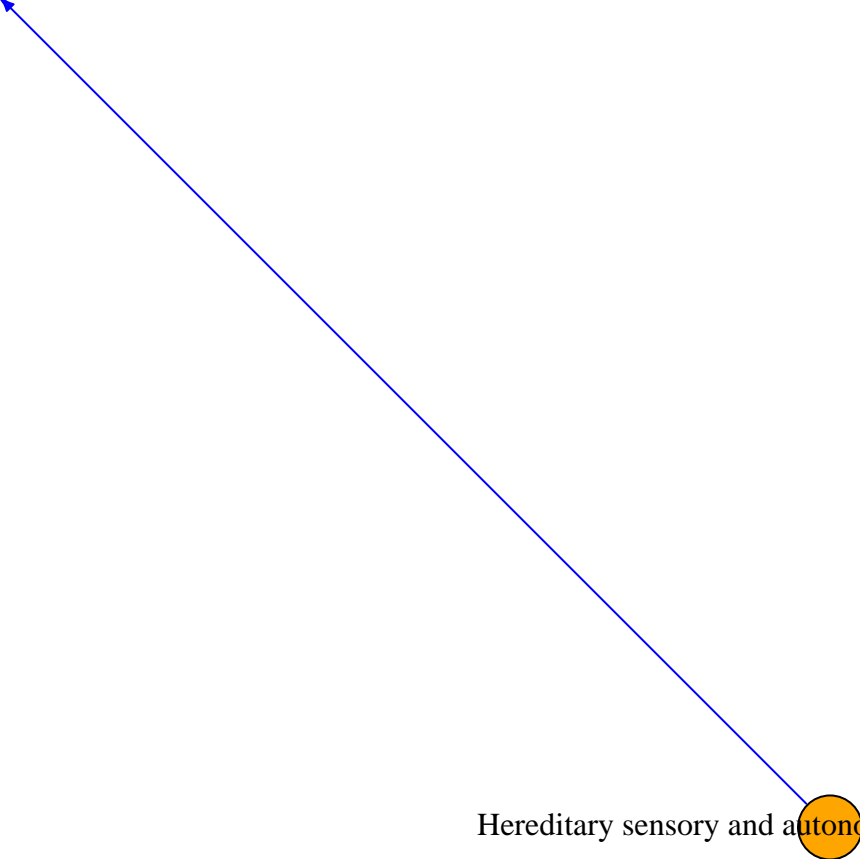




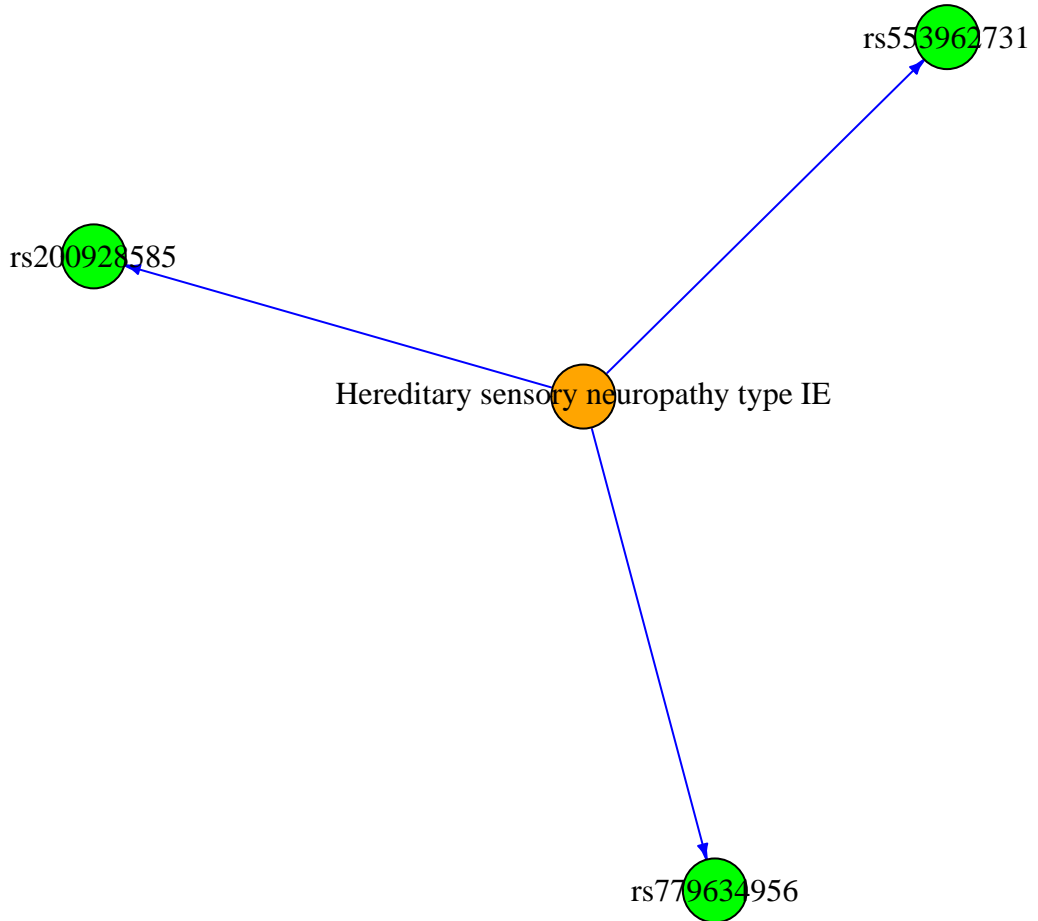
# Variant-Disease Network (Hereditary sensory and autonomic neuropathy type 1)

rs162848

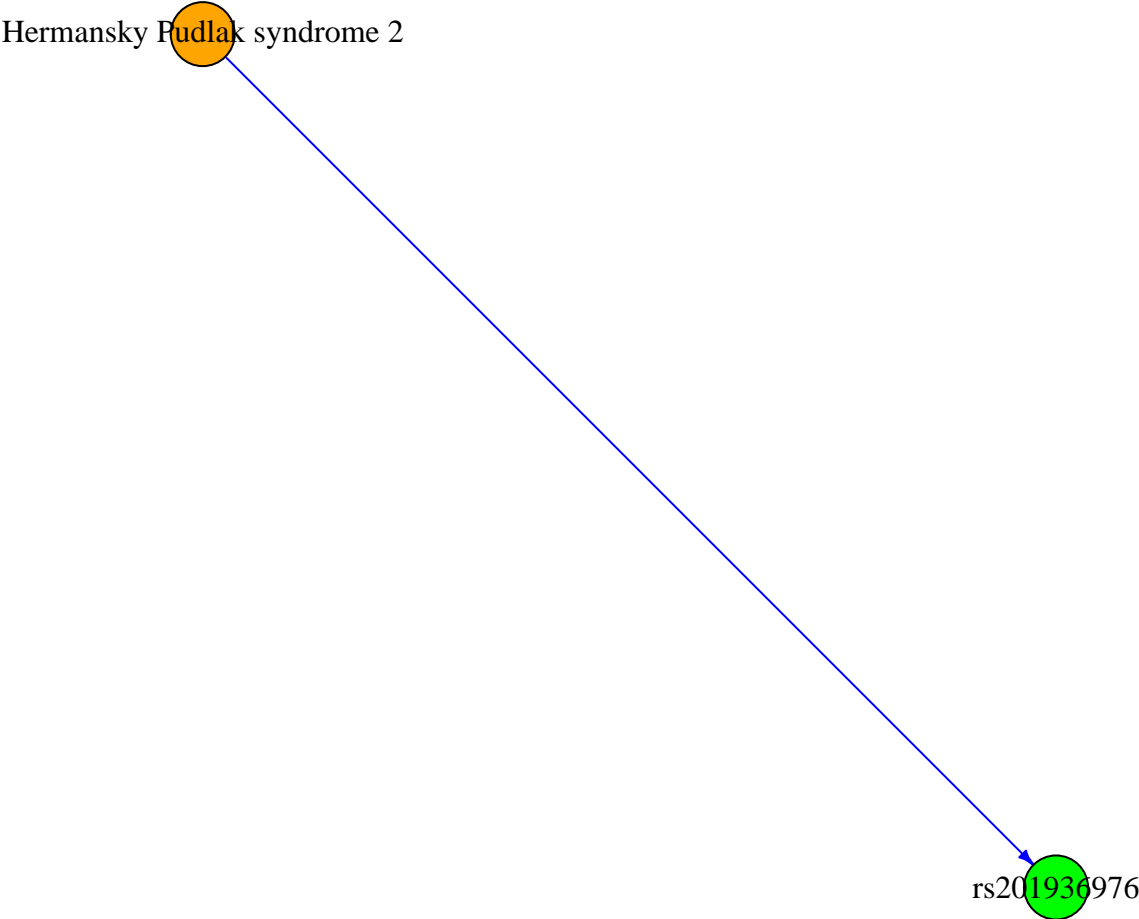
Hereditary sensory and autonomic neuropathy type 1



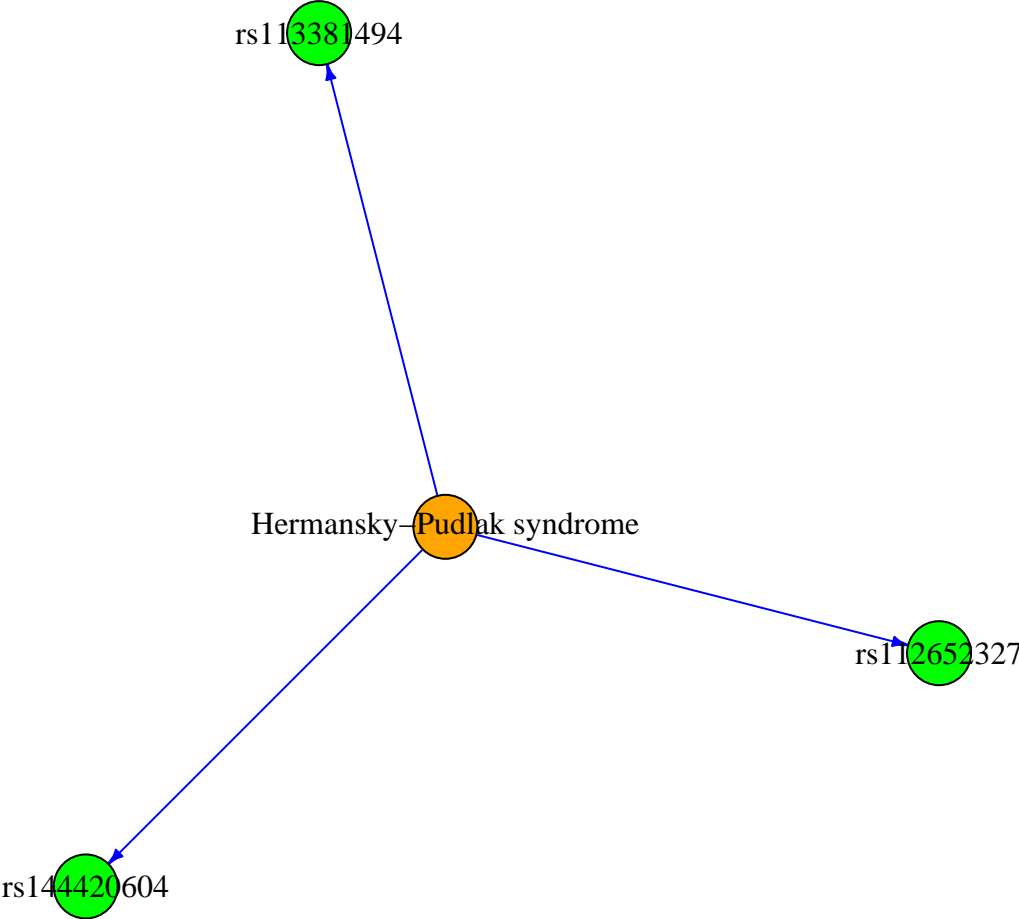
# Variant–Disease Network (Hereditary sensory neuropathy type IE)



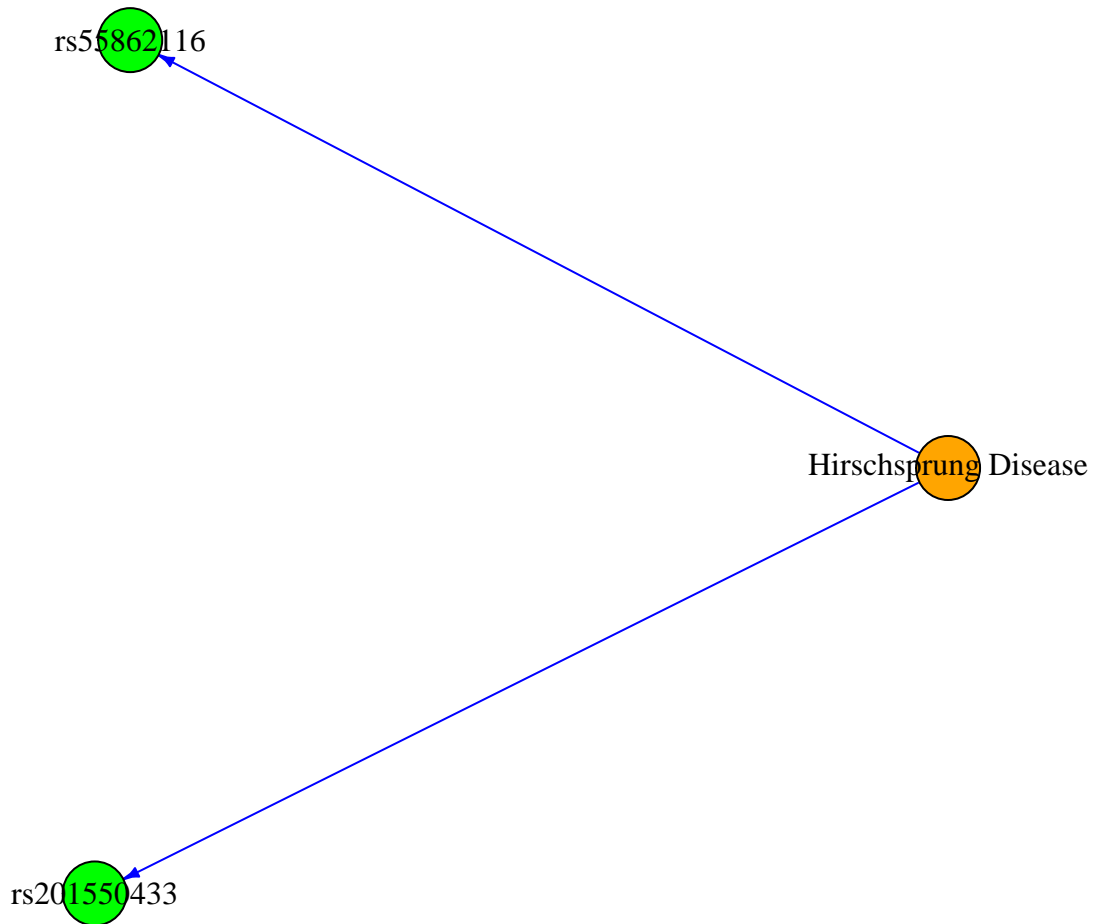
**Variant–Disease Network (Hermansky Pudlak syndrome 2)**



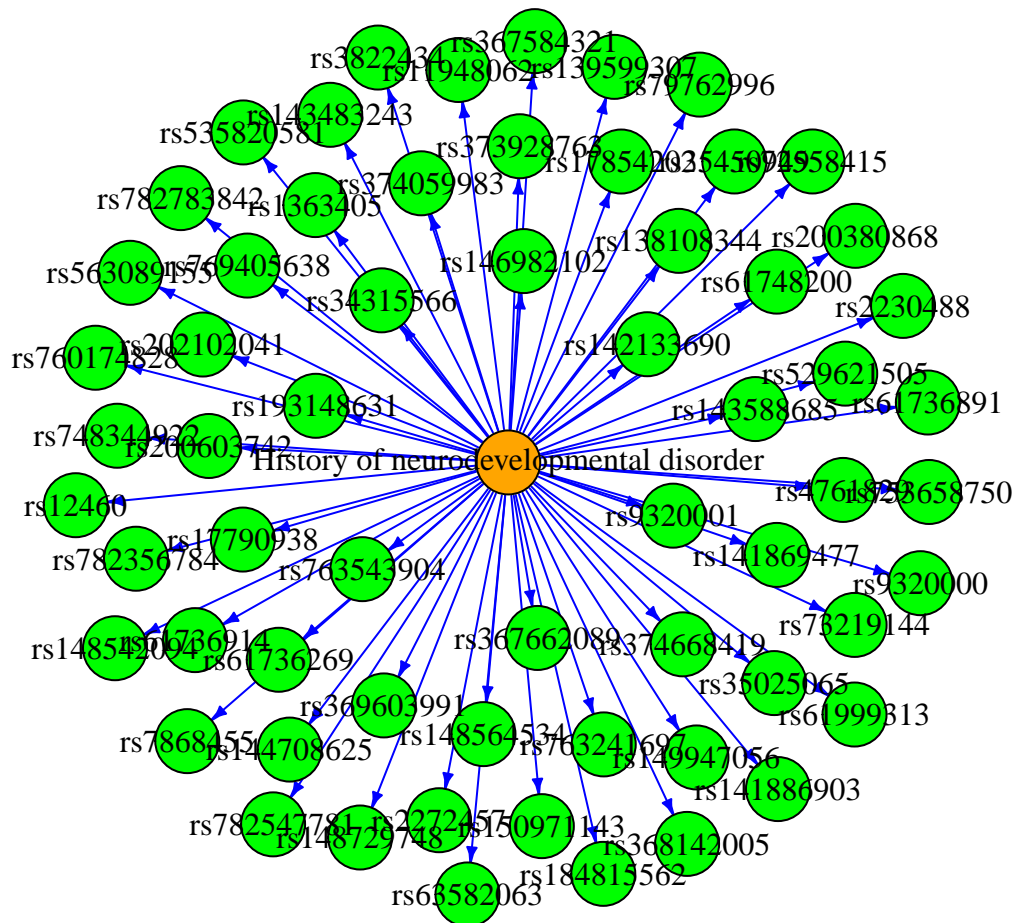
Variant–Disease Network (Hermansky–Pudlak syndrome)



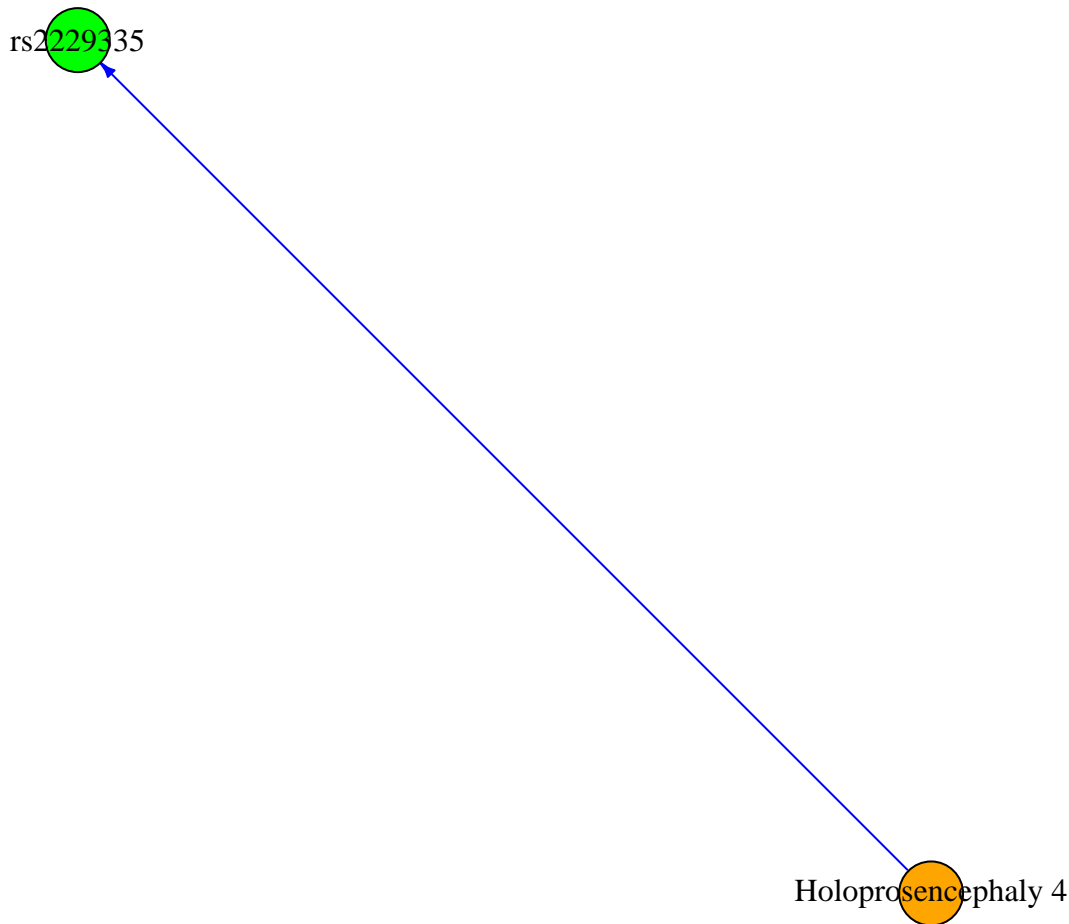
# Variant–Disease Network (Hirschsprung Disease)



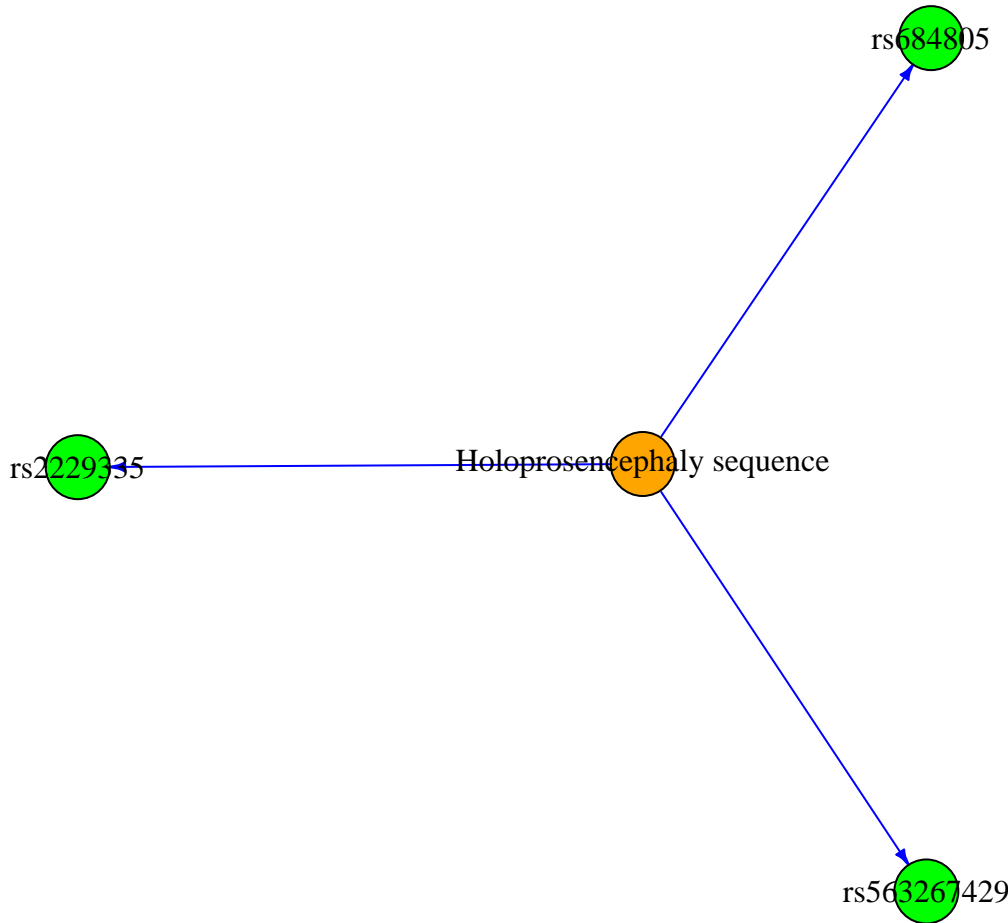
# Variant–Disease Network (History of neurodevelopmental disorder)



## Variant-Disease Network (Holoprosencephaly 4)

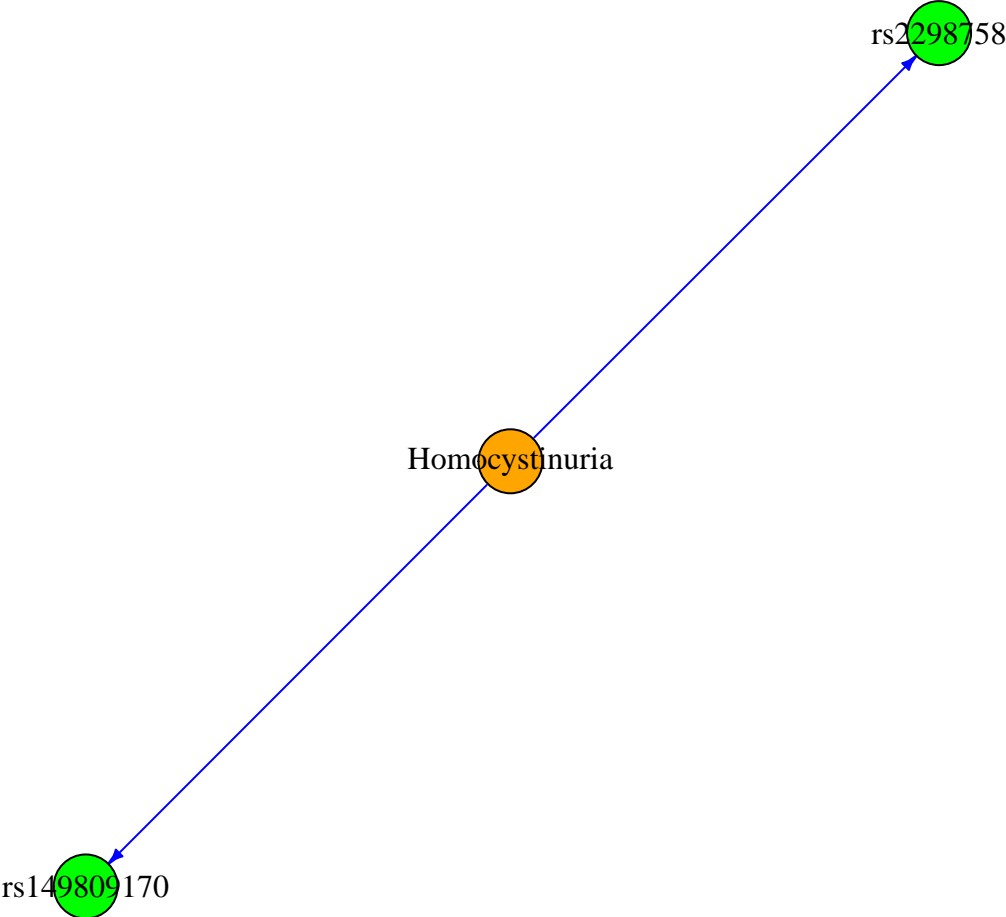


Variant–Disease Network (Holoprosencephaly sequence)

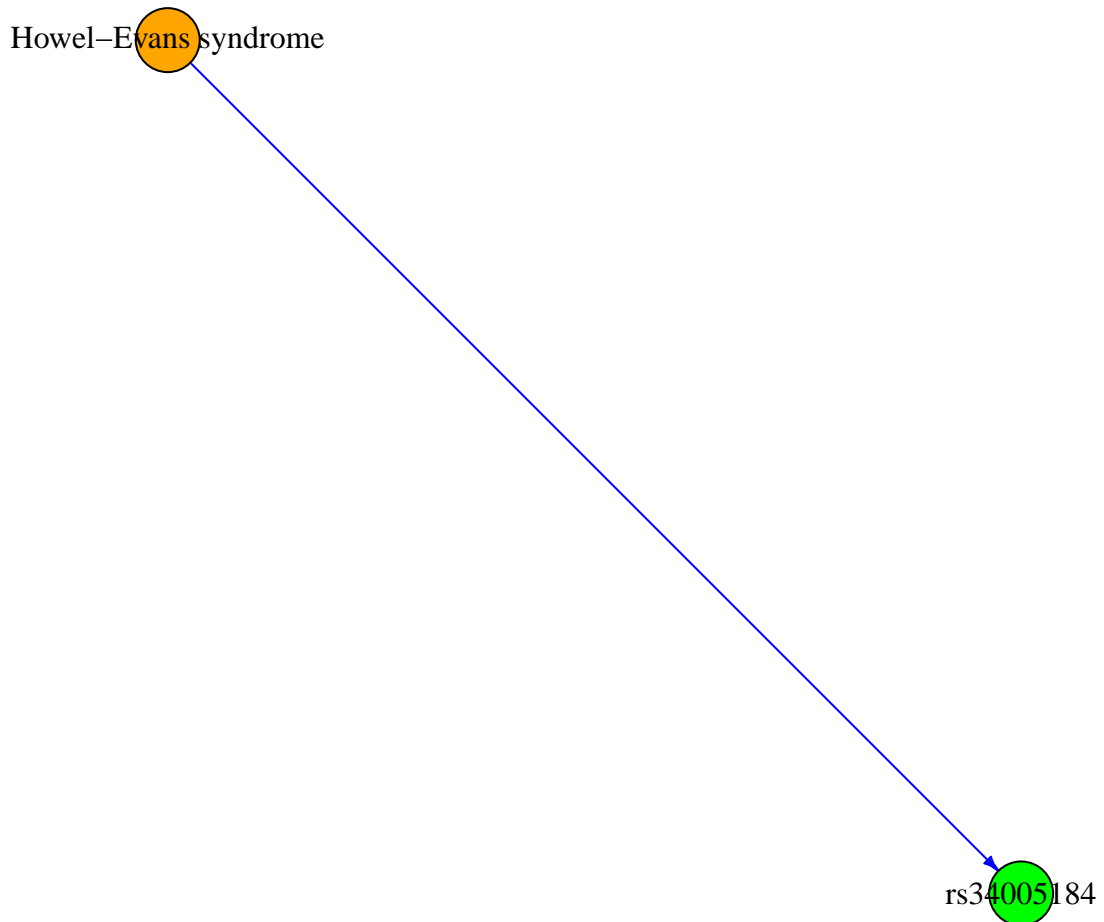




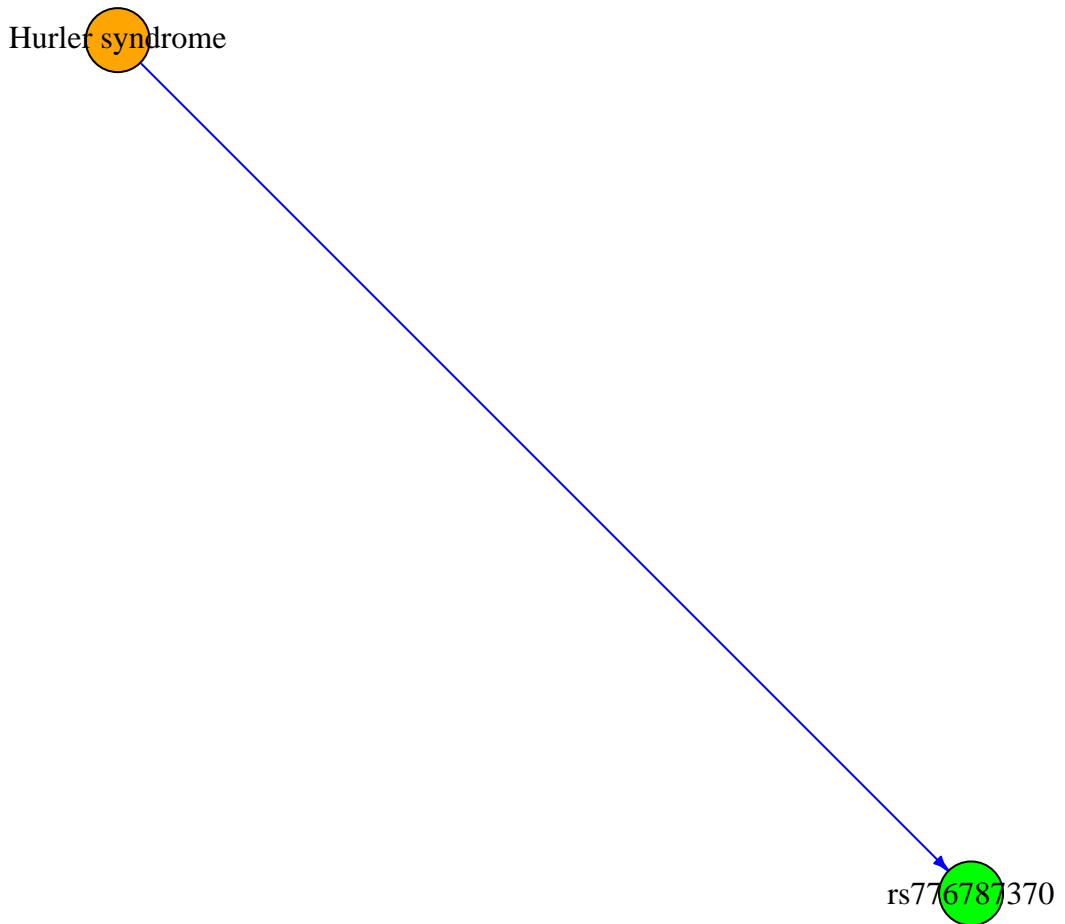
Variant–Disease Network (Homocystinuria)



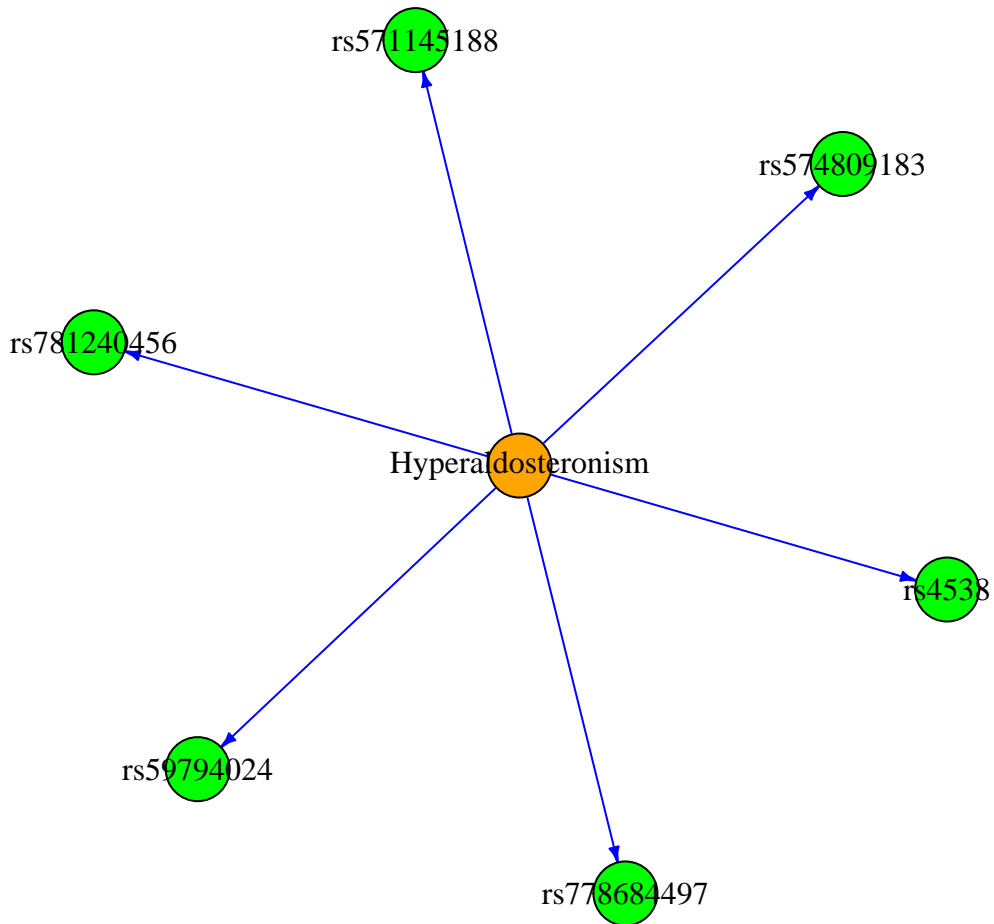
## Variant-Disease Network (Howel-Evans syndrome)



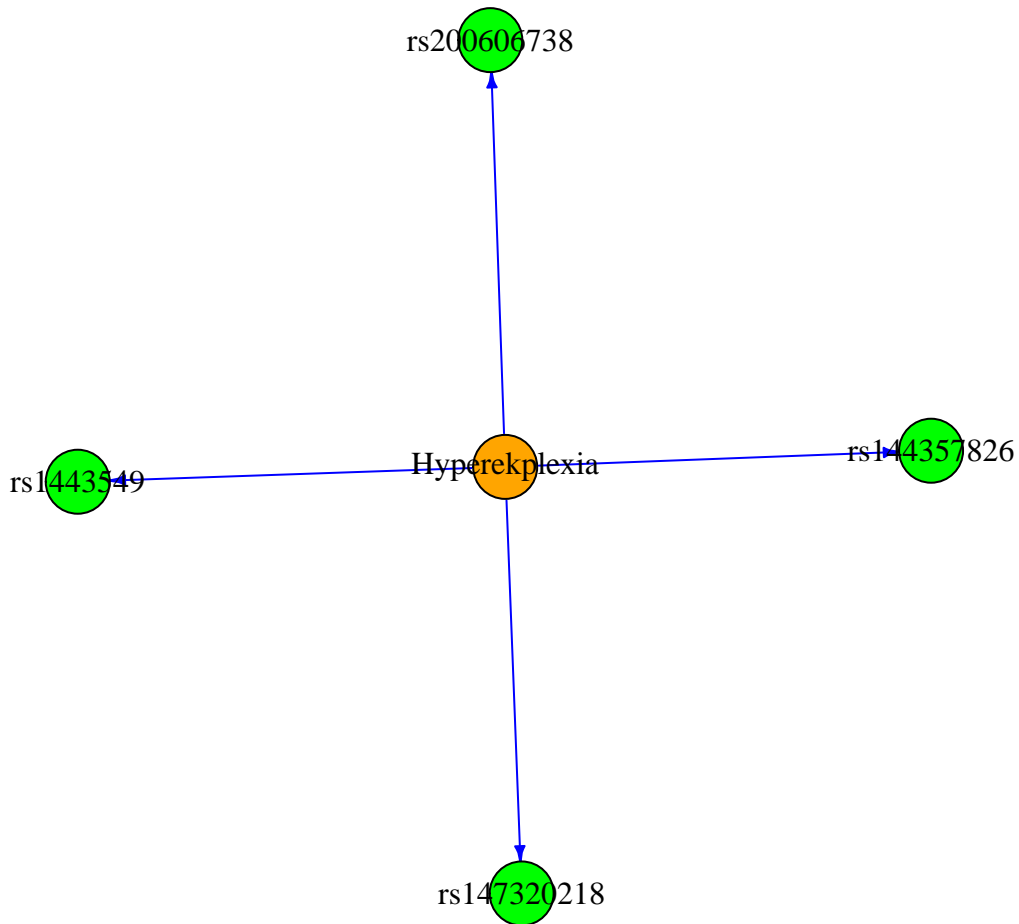
## Variant–Disease Network (Hurler syndrome)



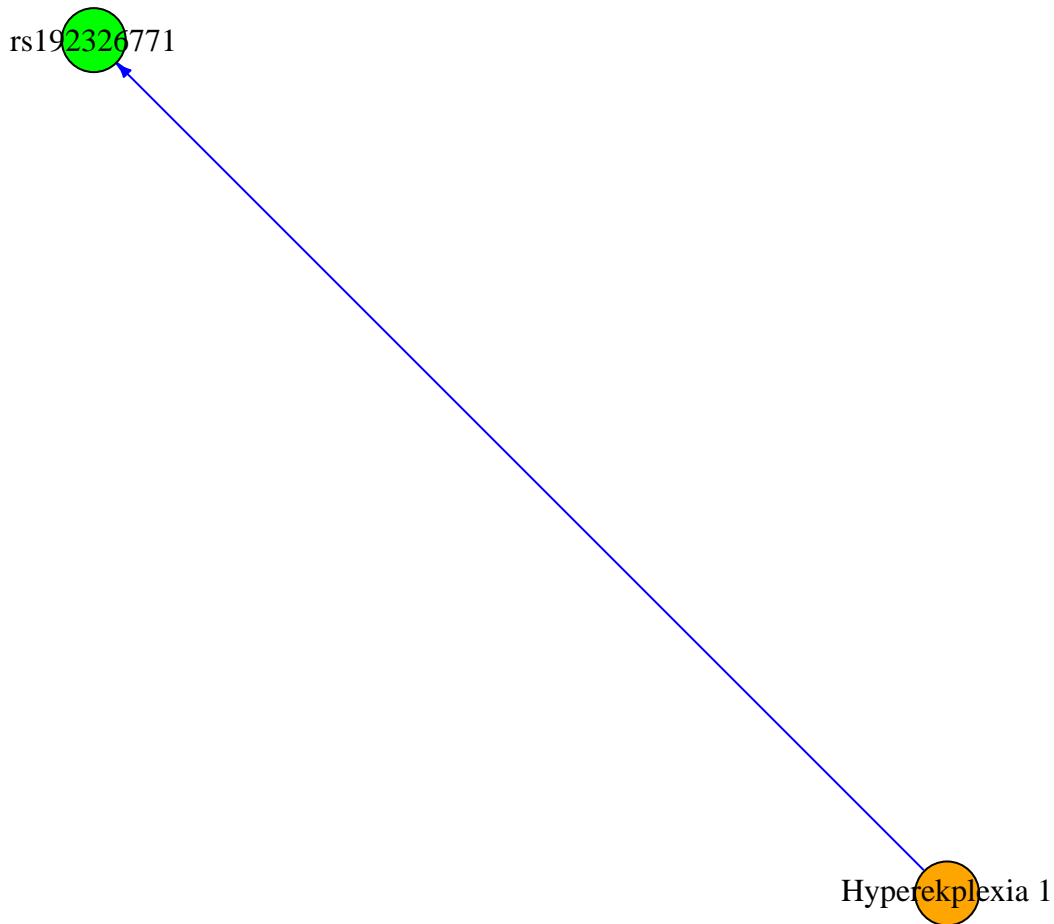
## Variant–Disease Network (Hyperaldosteronism)



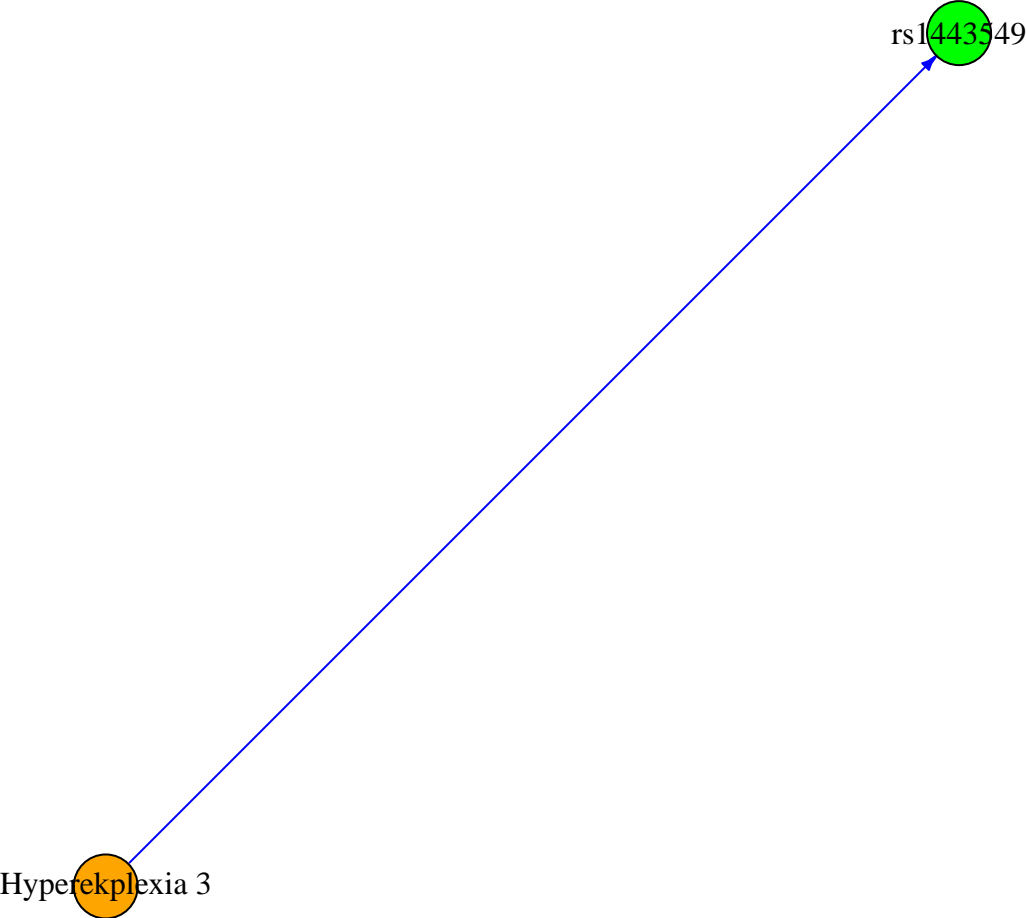
## Variant–Disease Network (Hyperekplexia)



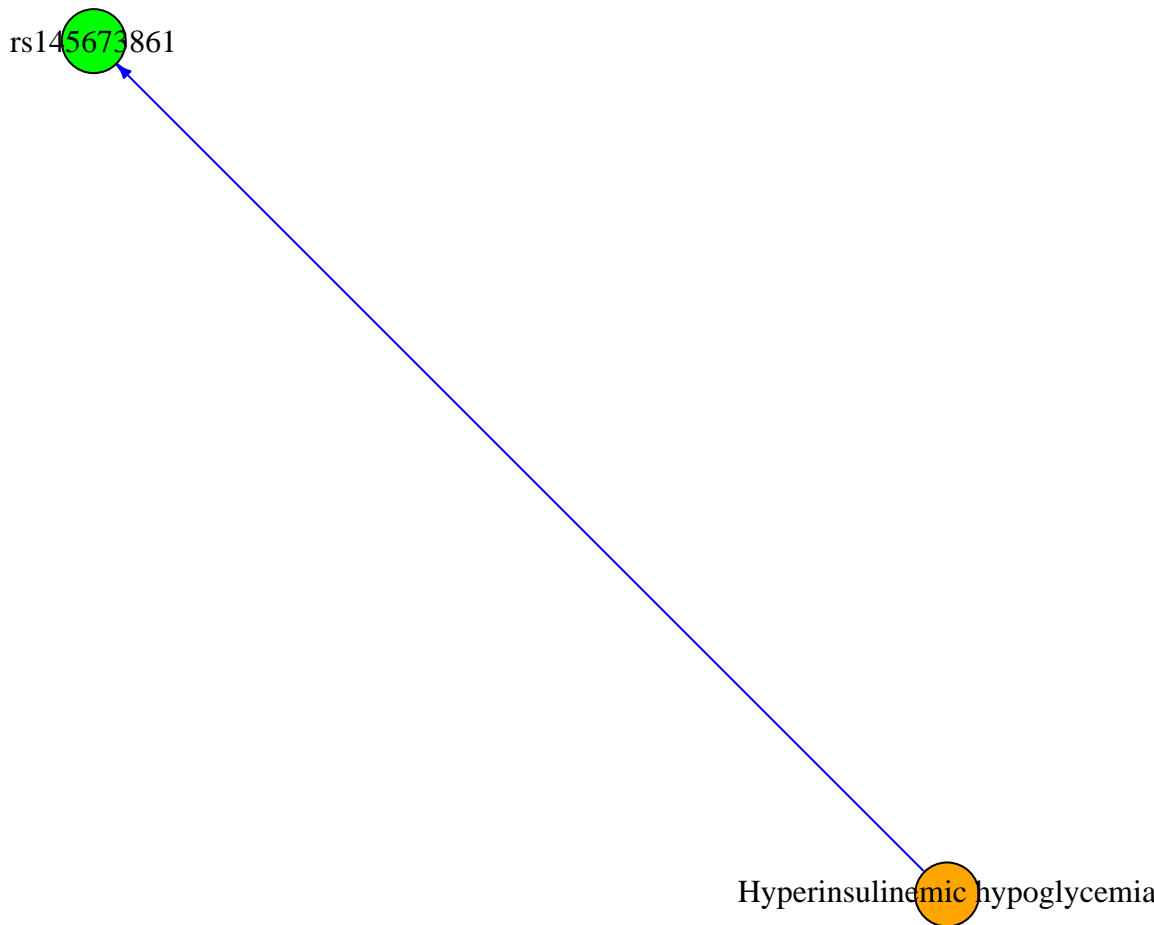
## Variant–Disease Network (Hyperekplexia 1)



Variant–Disease Network (Hyperekplexia 3)

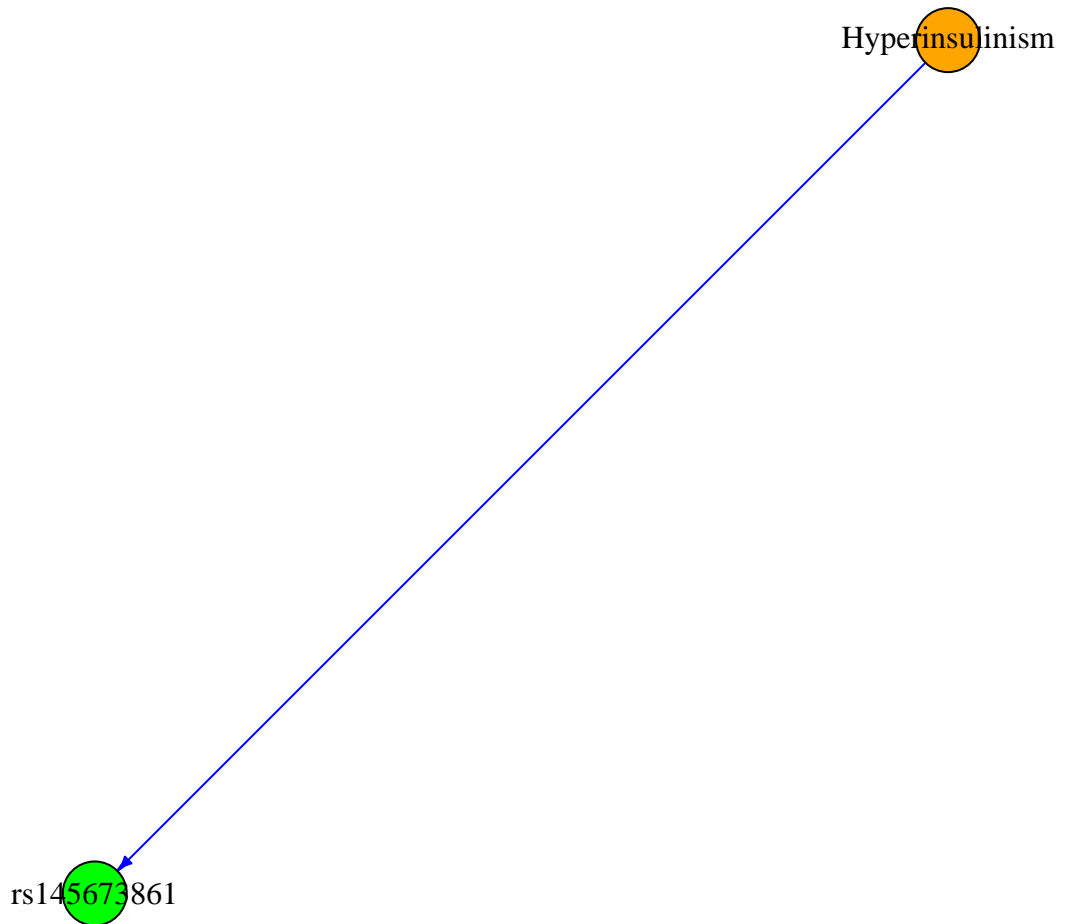


## Variant–Disease Network (Hyperinsulinemic hypoglycemia)

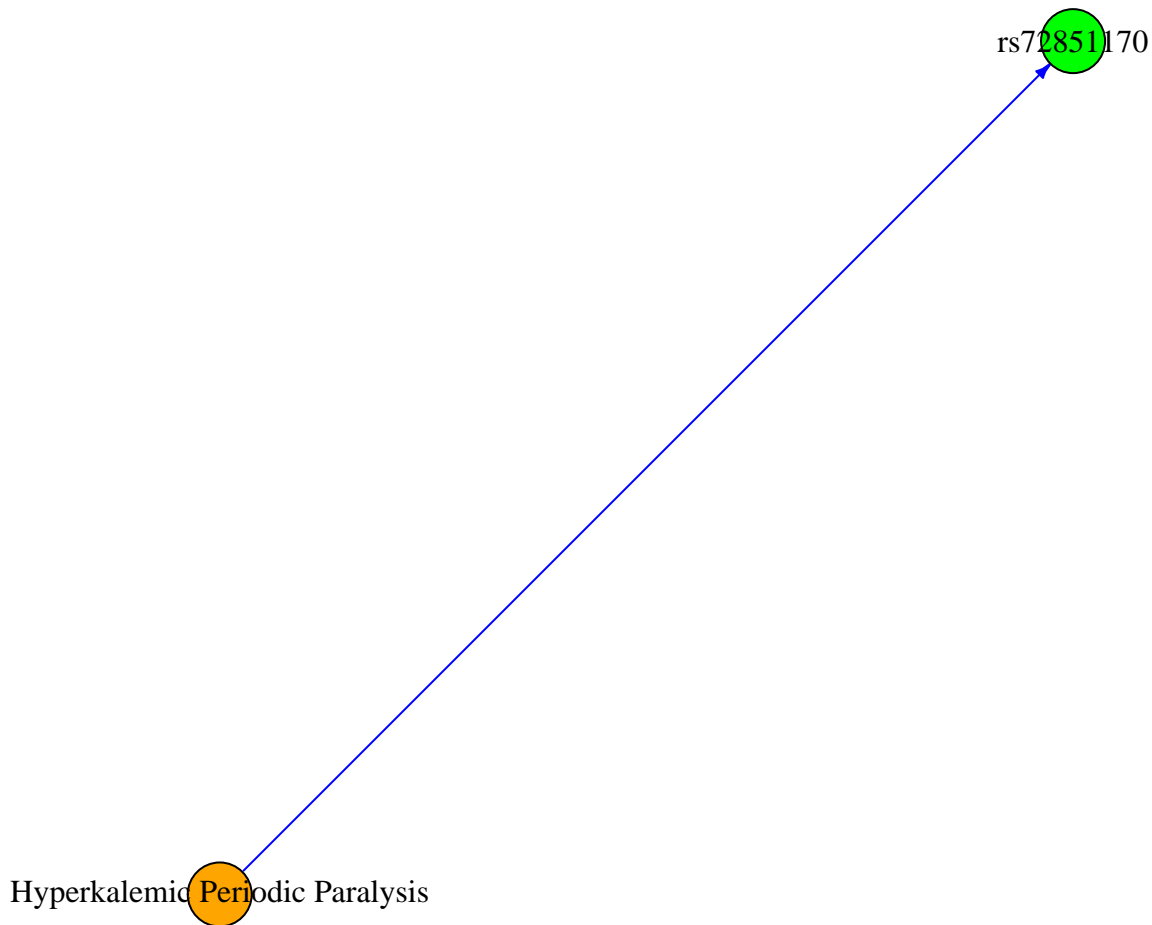




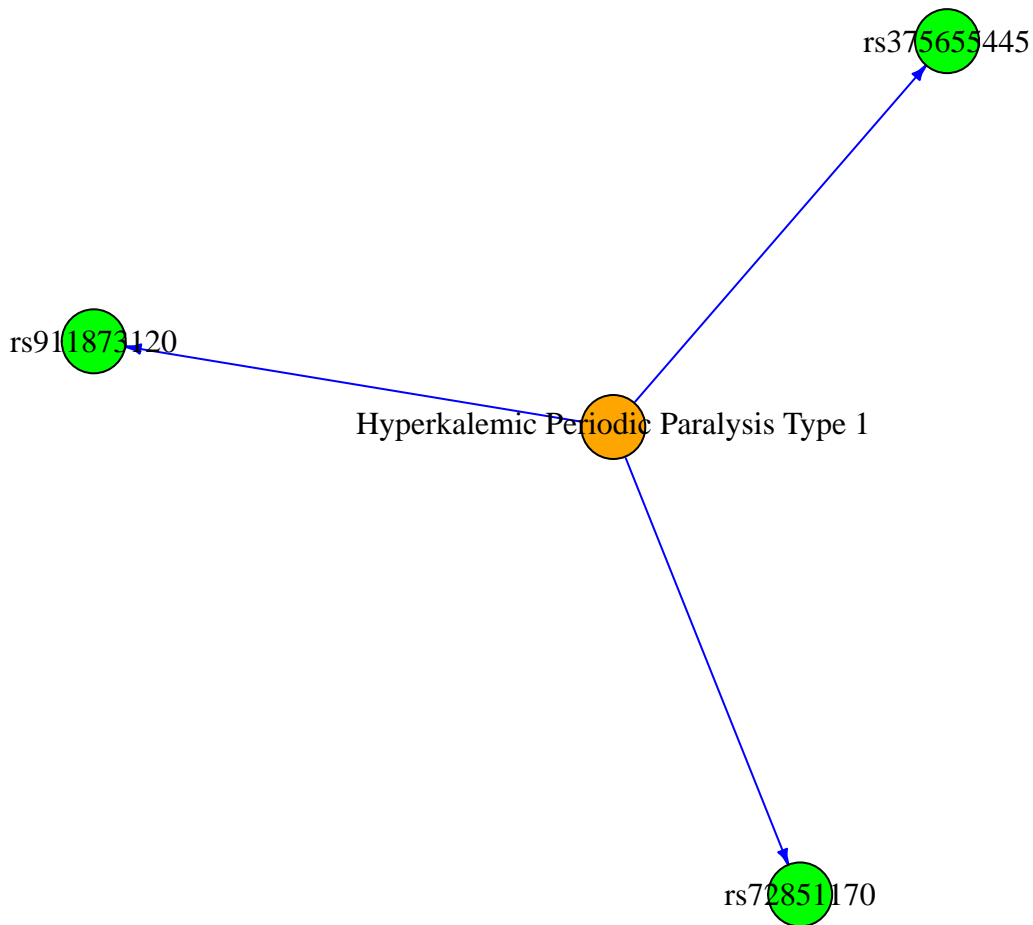
## Variant–Disease Network (Hyperinsulinism)



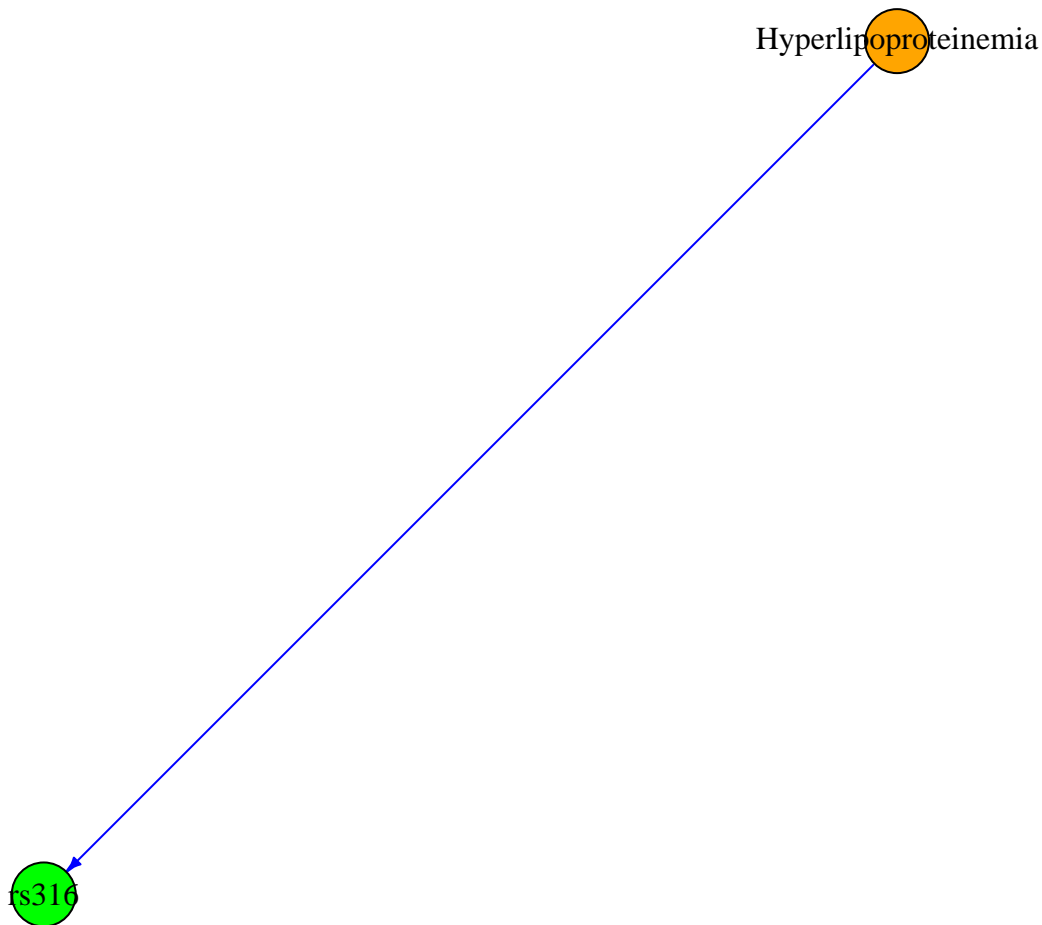
# Variant–Disease Network (Hyperkalemic Periodic Paralysis)



# Variant–Disease Network (Hyperkalemic Periodic Paralysis Type 1)



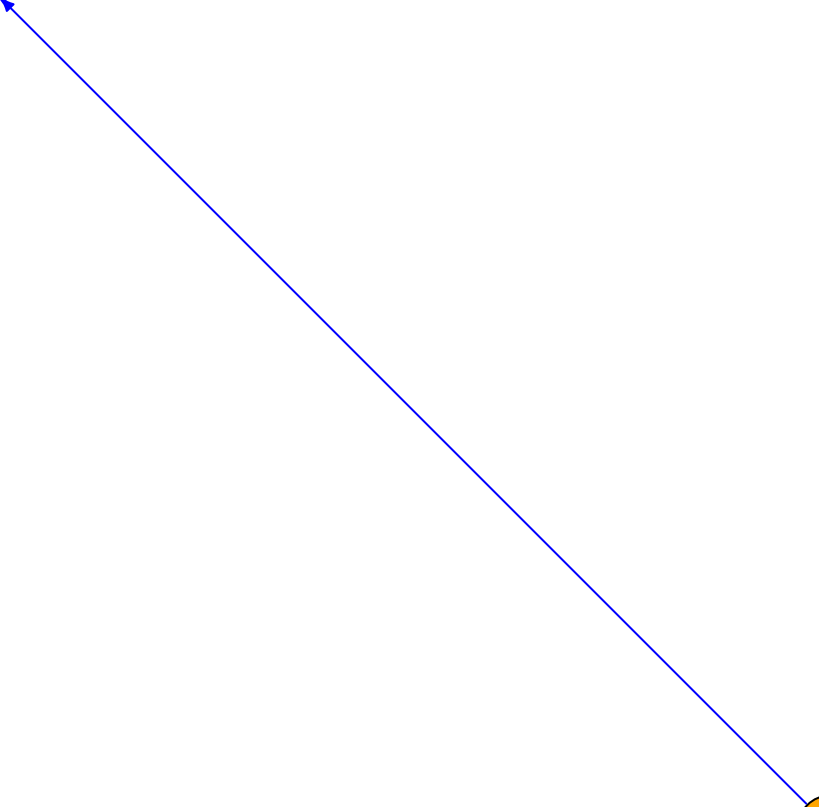
## Variant–Disease Network (Hyperlipoproteinemia)



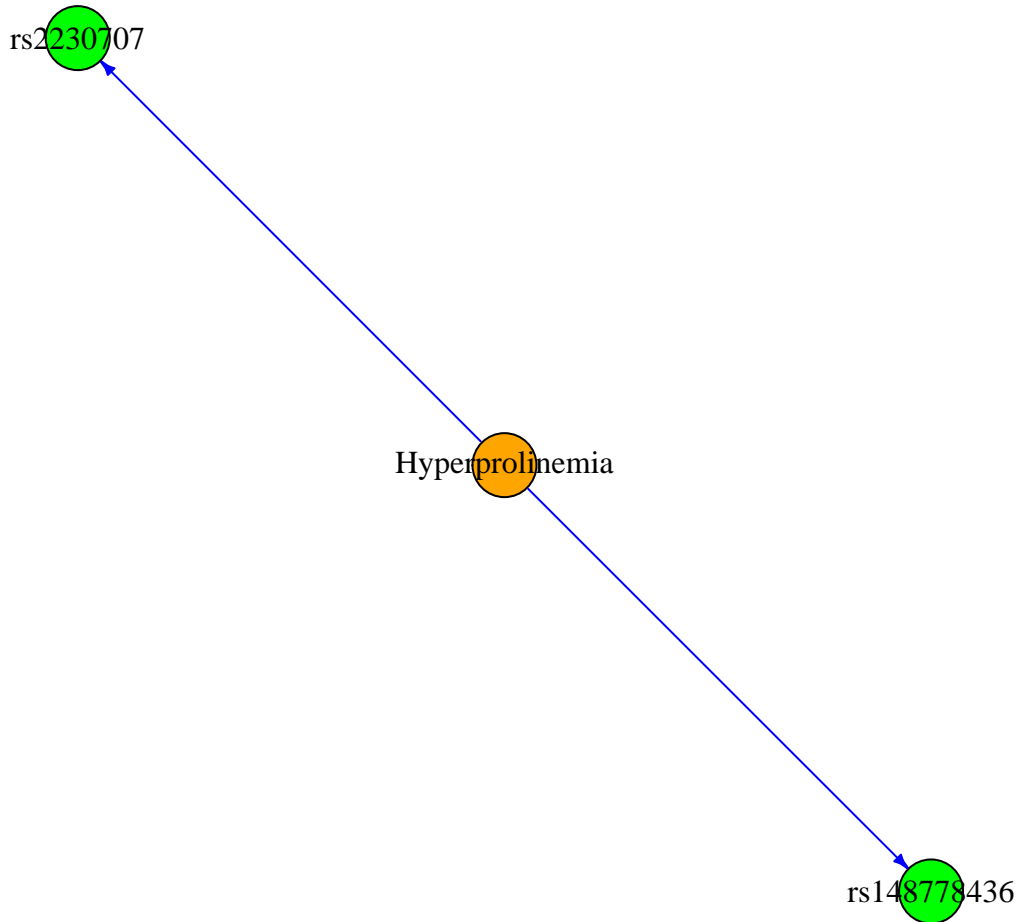
# Disease Network (Hyperornithinemia–hyperammonemia–homocitrullinuria)

rs9577152

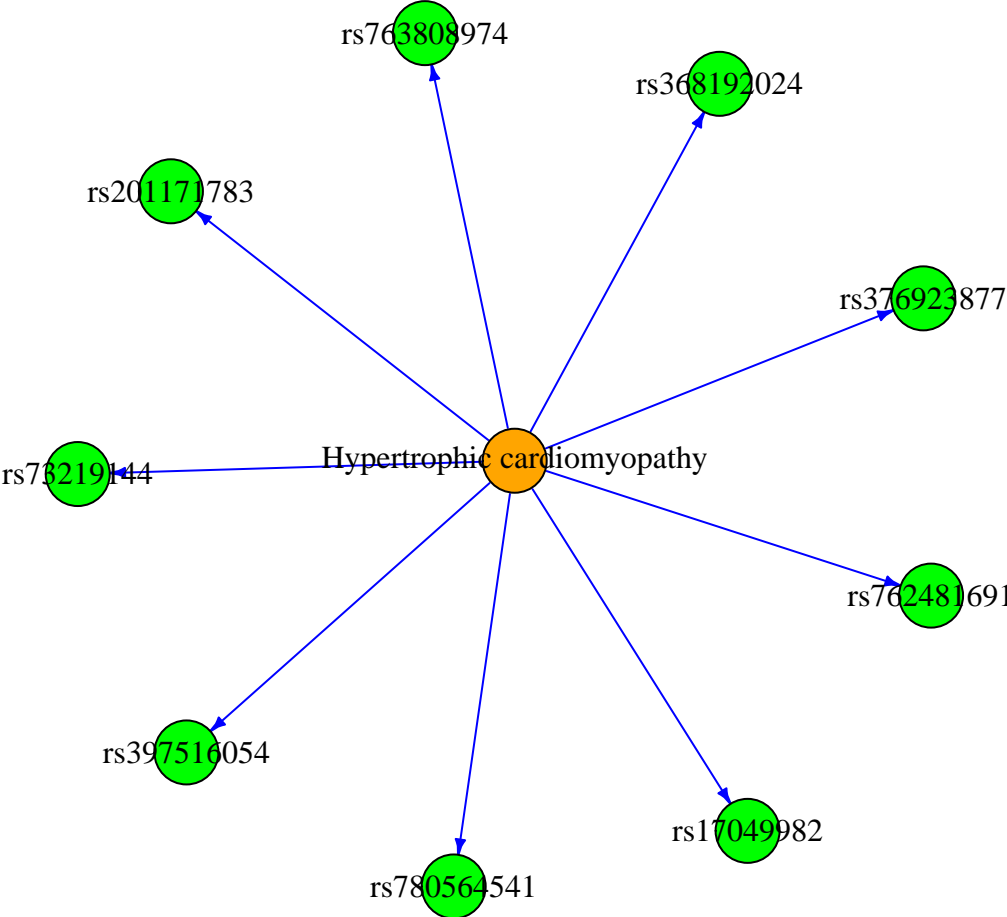
Hyperornithinemia–hyperammonemia–homocitrullinuria



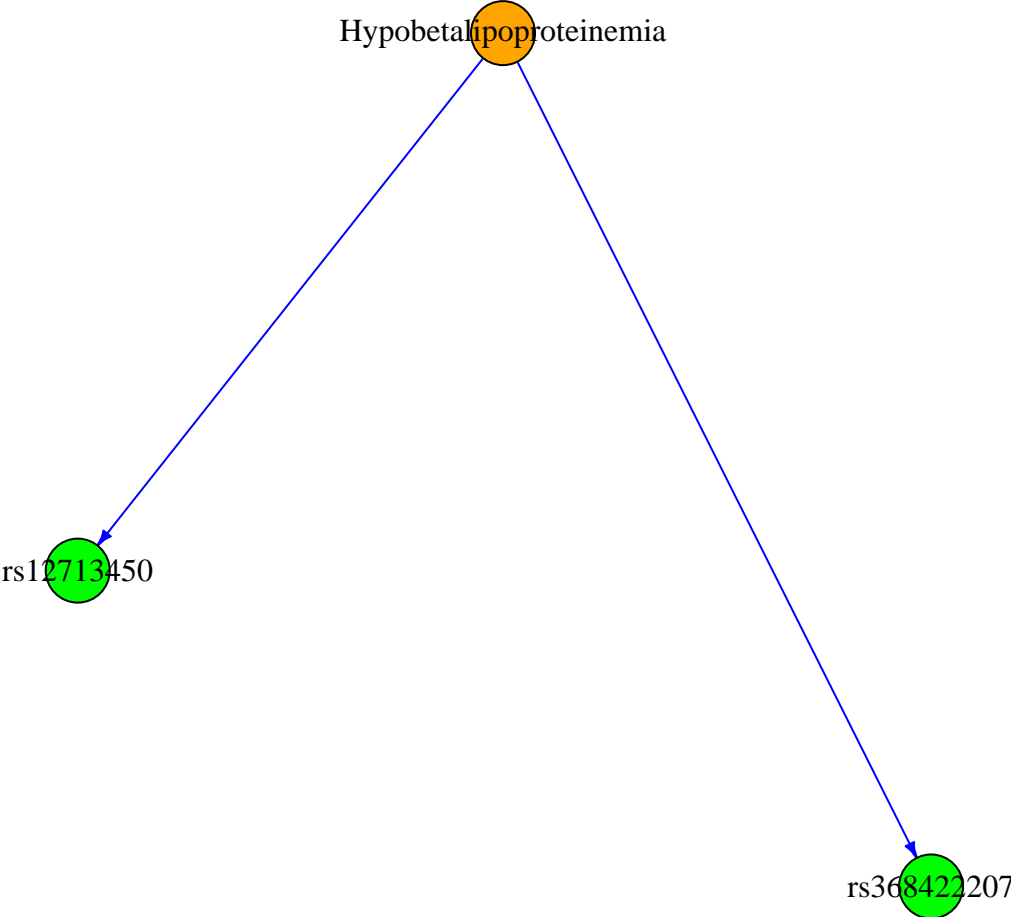
## Variant–Disease Network (Hyperprolinemia)



**Variant–Disease Network (Hypertrophic cardiomyopathy)**



**Variant–Disease Network (Hypobetalipoproteinemia)**

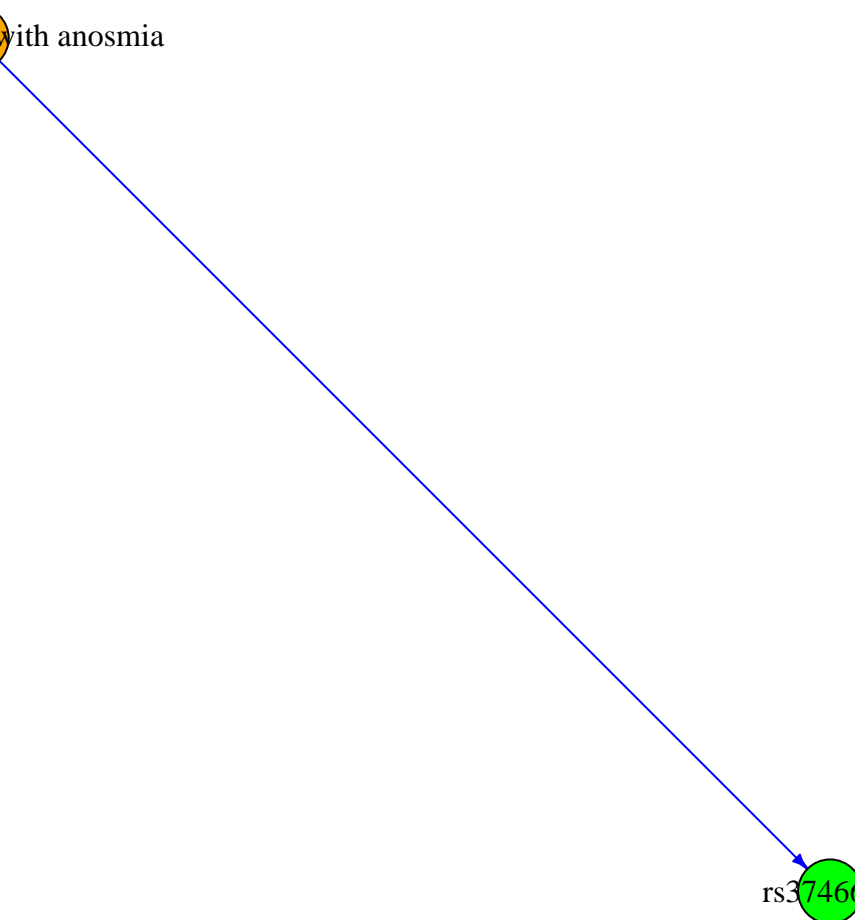




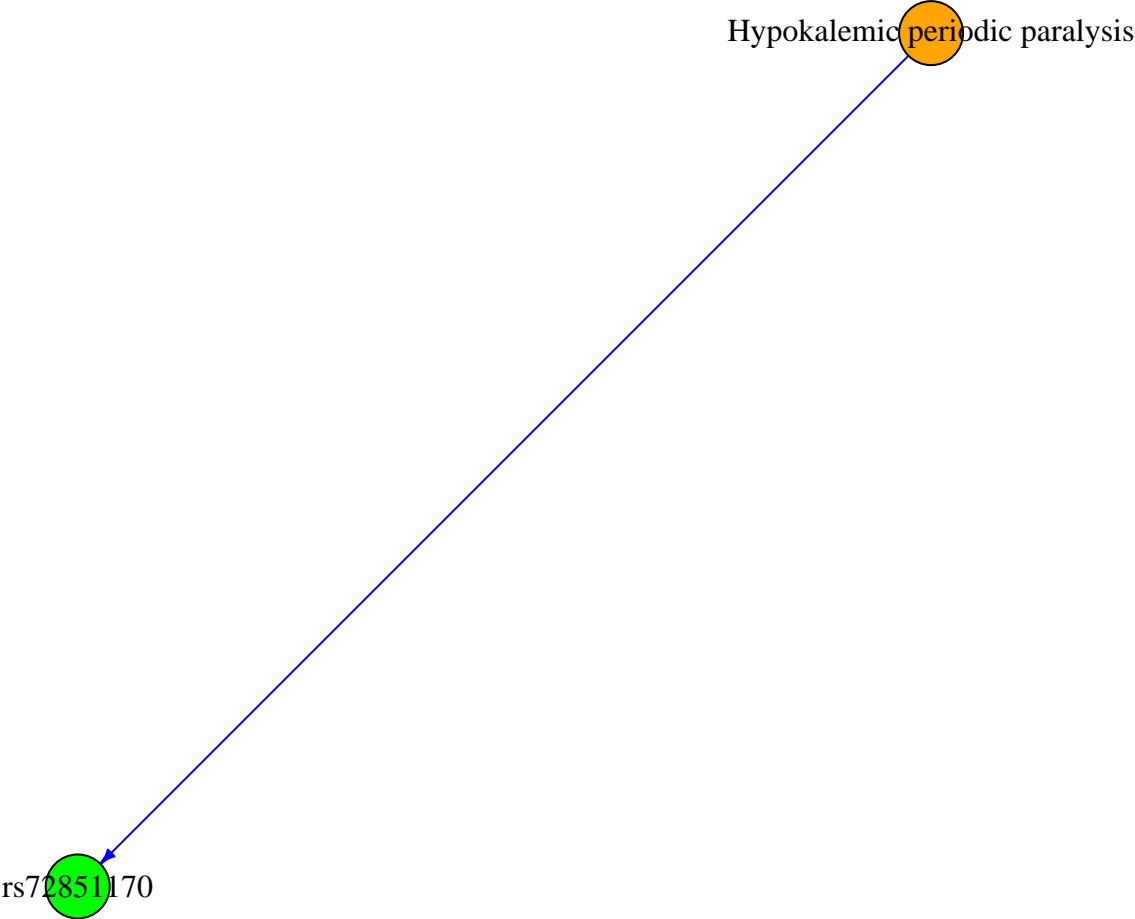
## Variant–Disease Network (Hypogonadism with anosmia)

Hypogonadism with anosmia

rs3746684



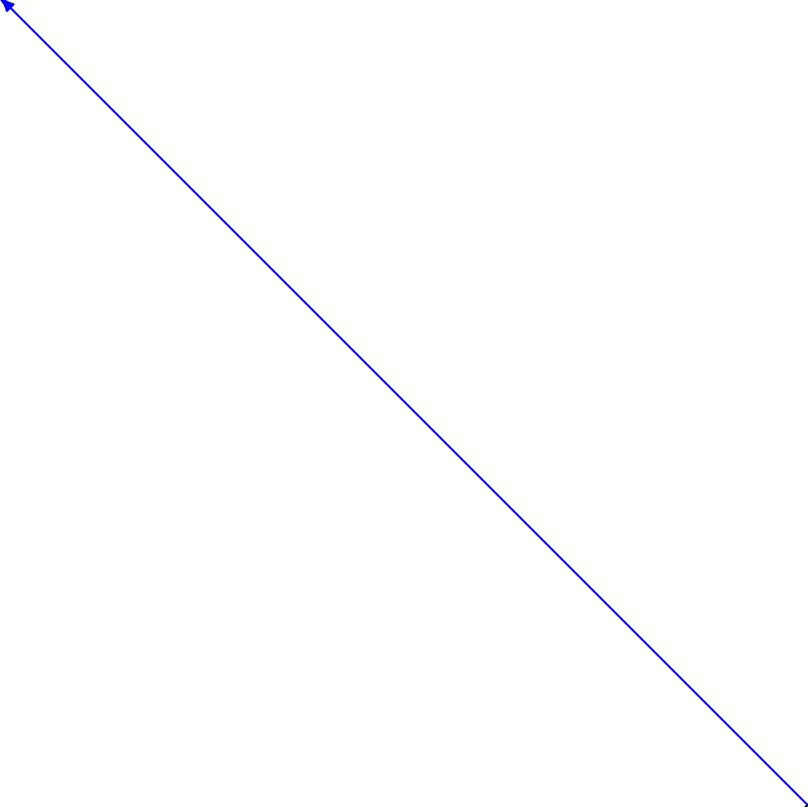
Variant–Disease Network (Hypokalemic periodic paralysis)



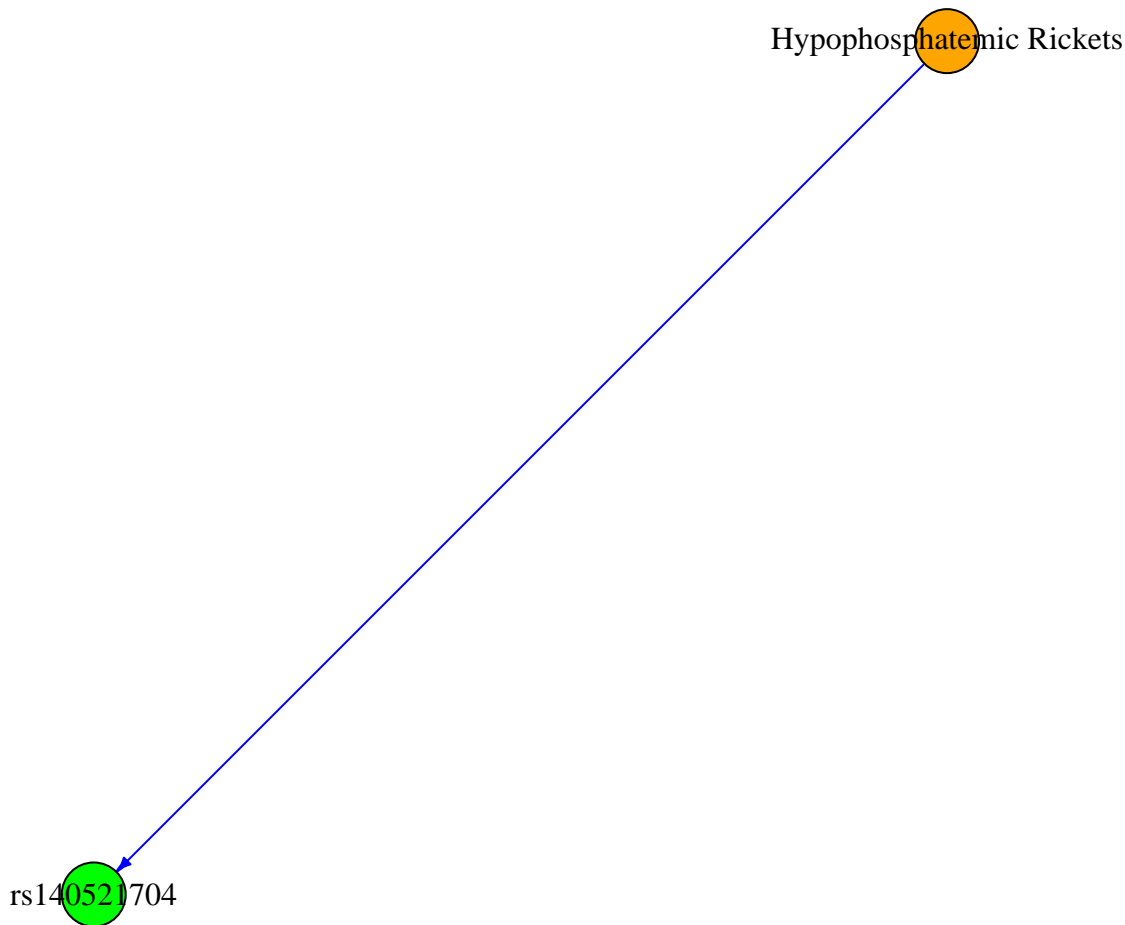
# Variant-Disease Network (Hypoparathyroidism retardation dysmorphism syndrome)

rs762683460

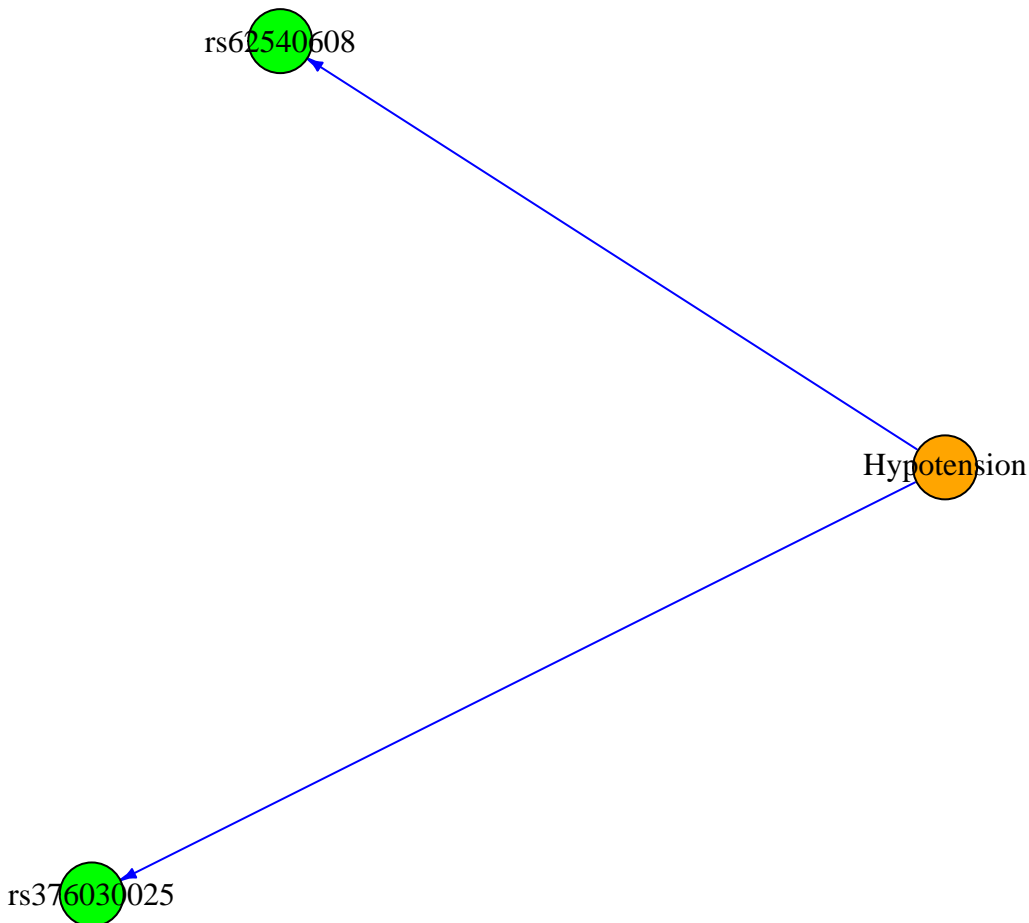
Hypoparathyroidism retardation dysmorphism



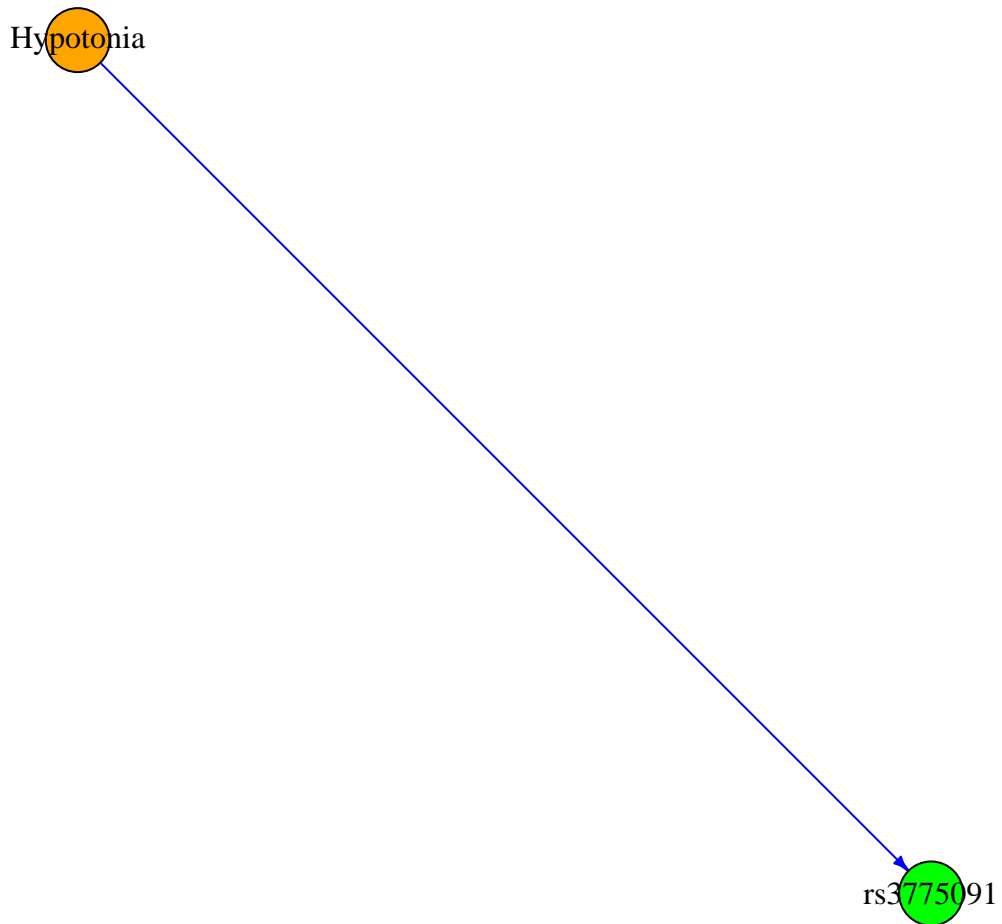
# Variant–Disease Network (Hypophosphatemic Rickets)



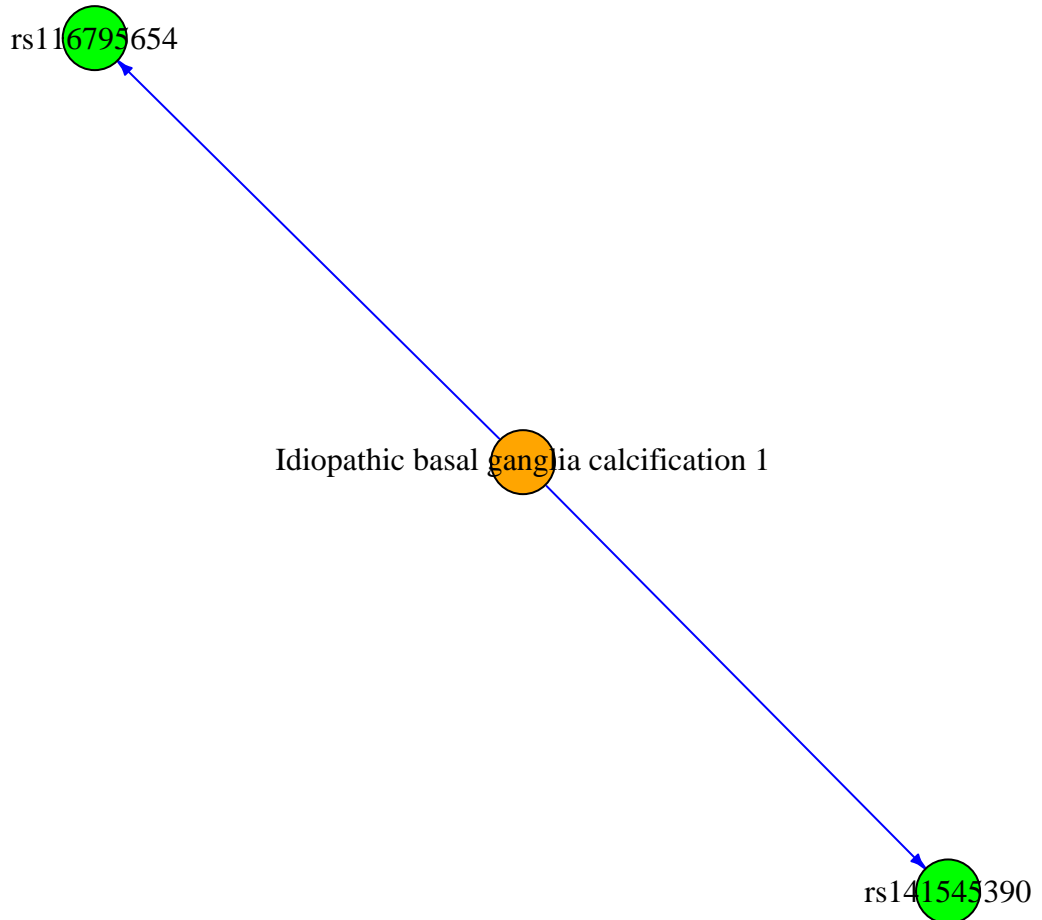
## Variant–Disease Network (Hypotension)



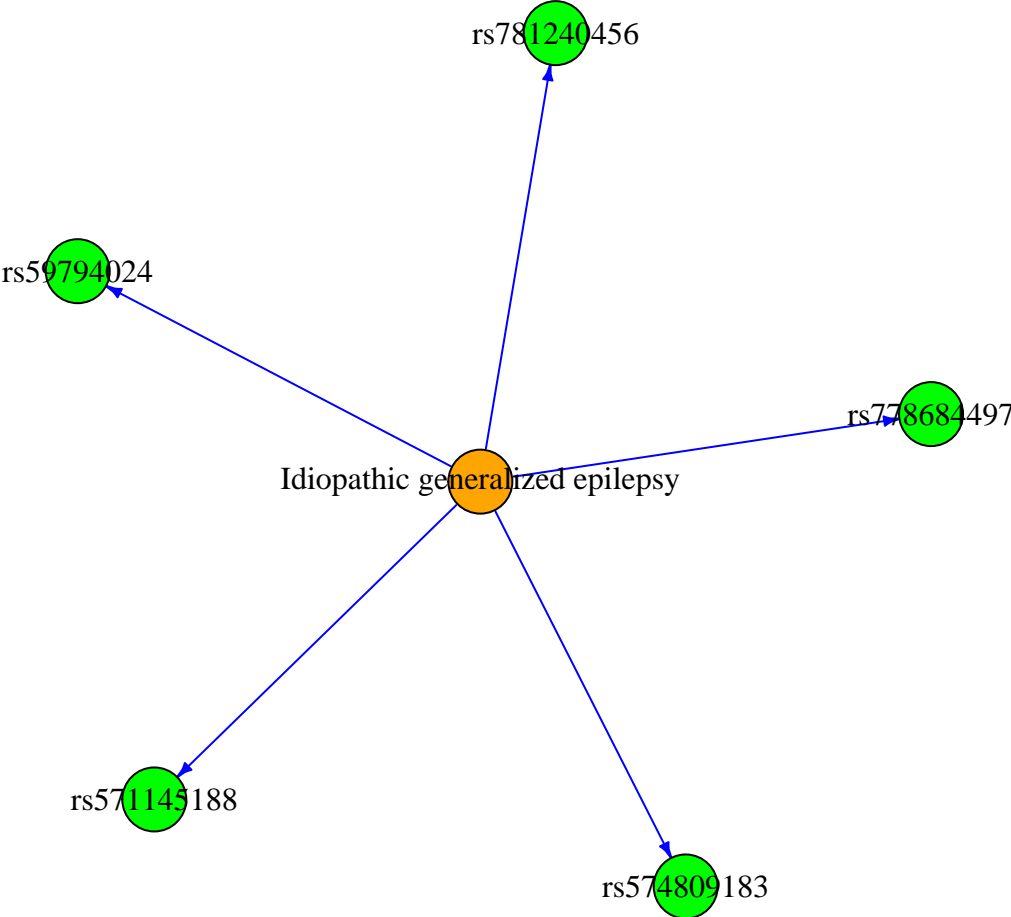
## Variant-Disease Network (Hypotonia)



# Variant–Disease Network (Idiopathic basal ganglia calcification 1)



**Variant–Disease Network (Idiopathic generalized epilepsy)**

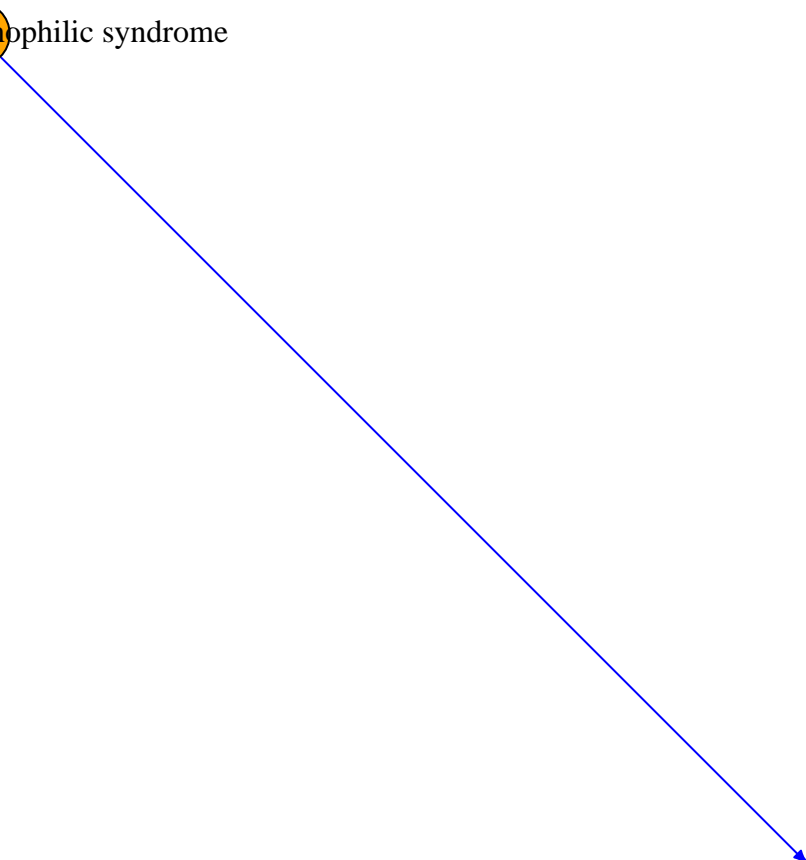




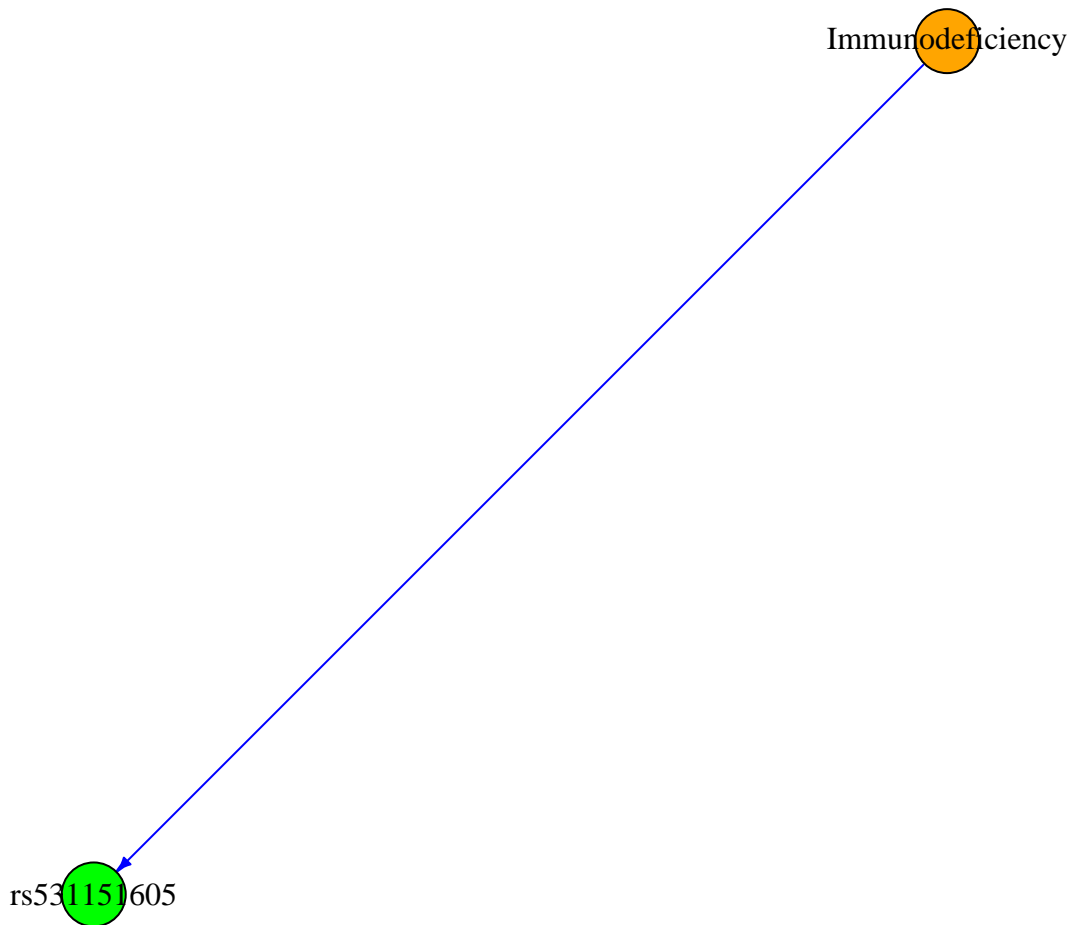
**Variant–Disease Network (Idiopathic hypereosinophilic syndrome)**

Idiopathic hypereosinophilic syndrome

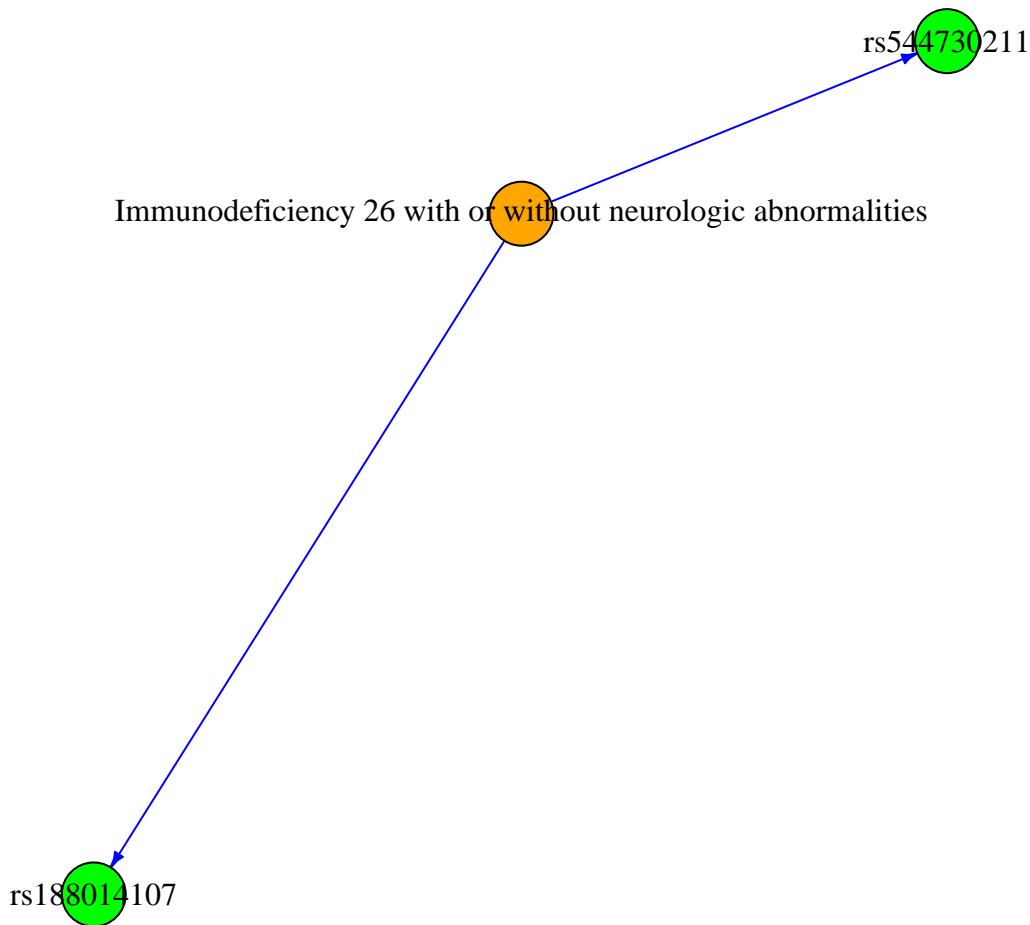
rs771421611



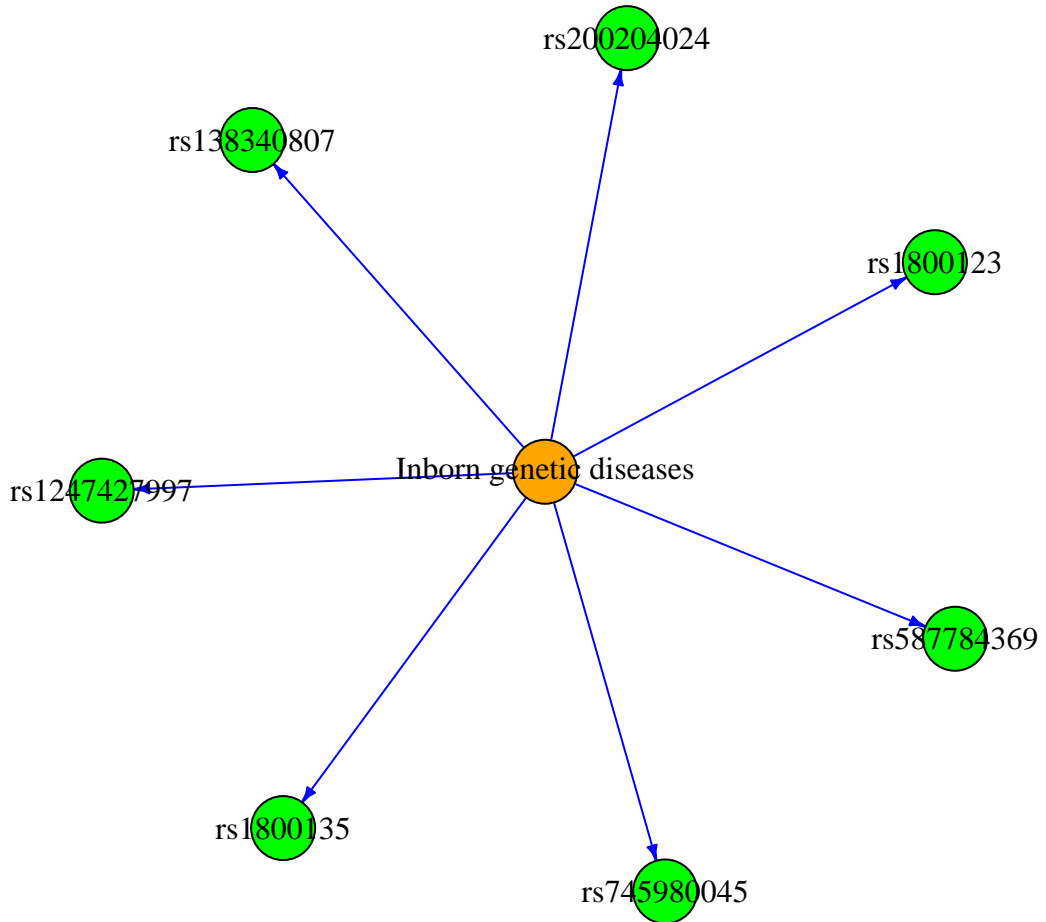
## Variant–Disease Network (Immunodeficiency)



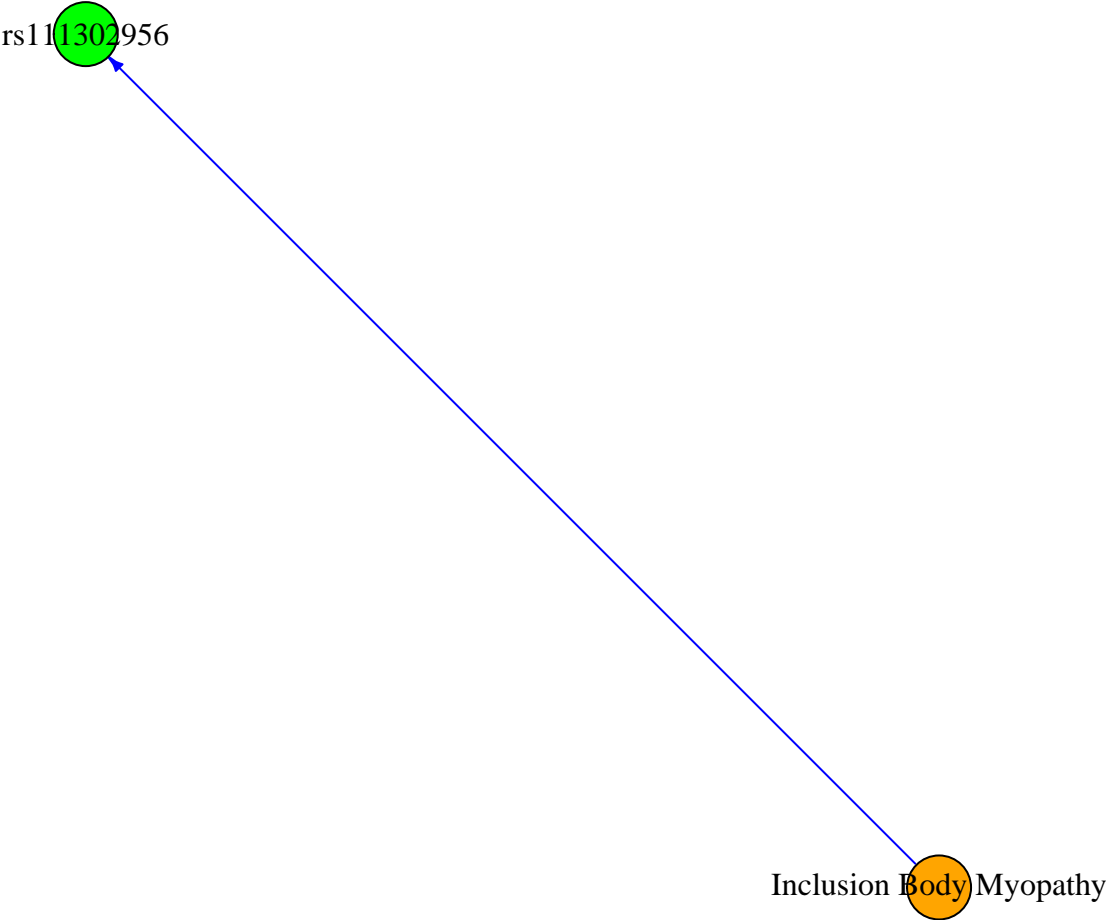
# Ant-Disease Network (Immunodeficiency 26 with or without neurologic abnormalities)



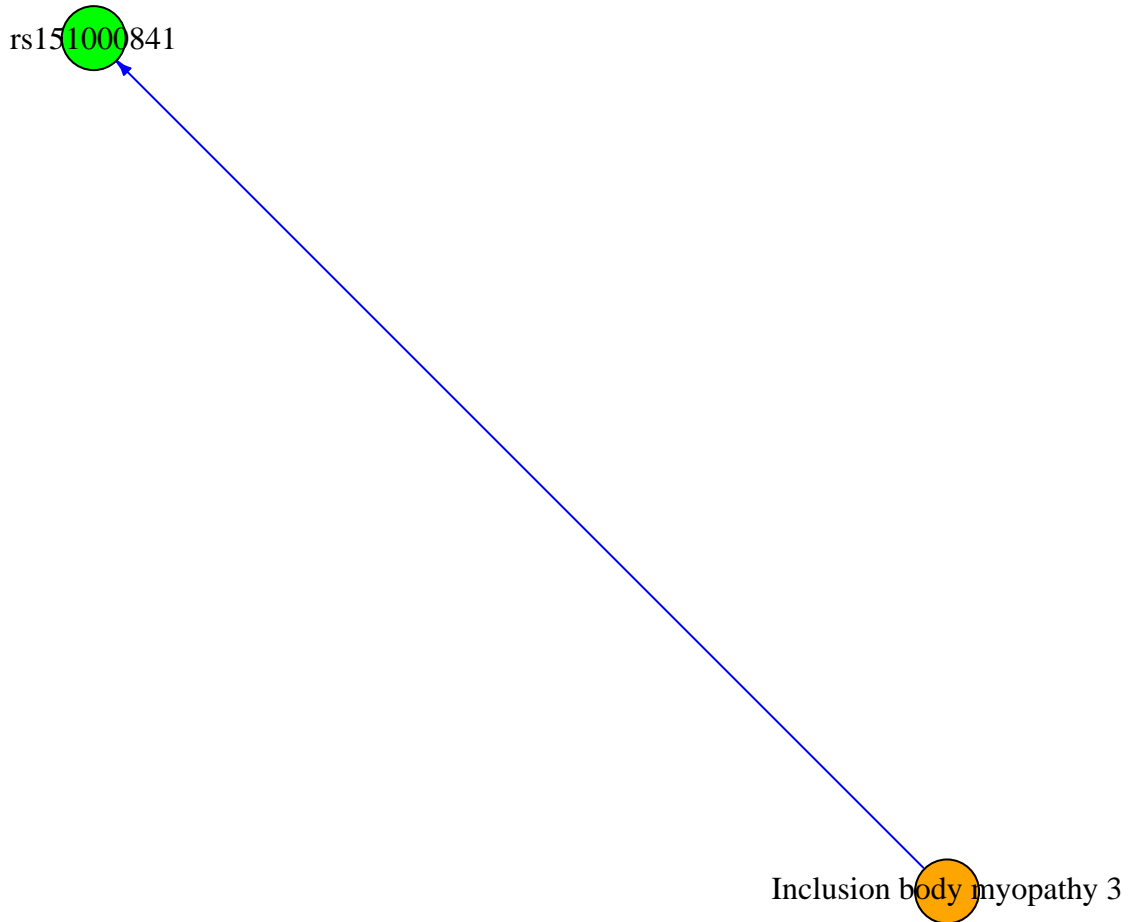
## Variant–Disease Network (Inborn genetic diseases)



**Variant–Disease Network (Inclusion Body Myopathy)**



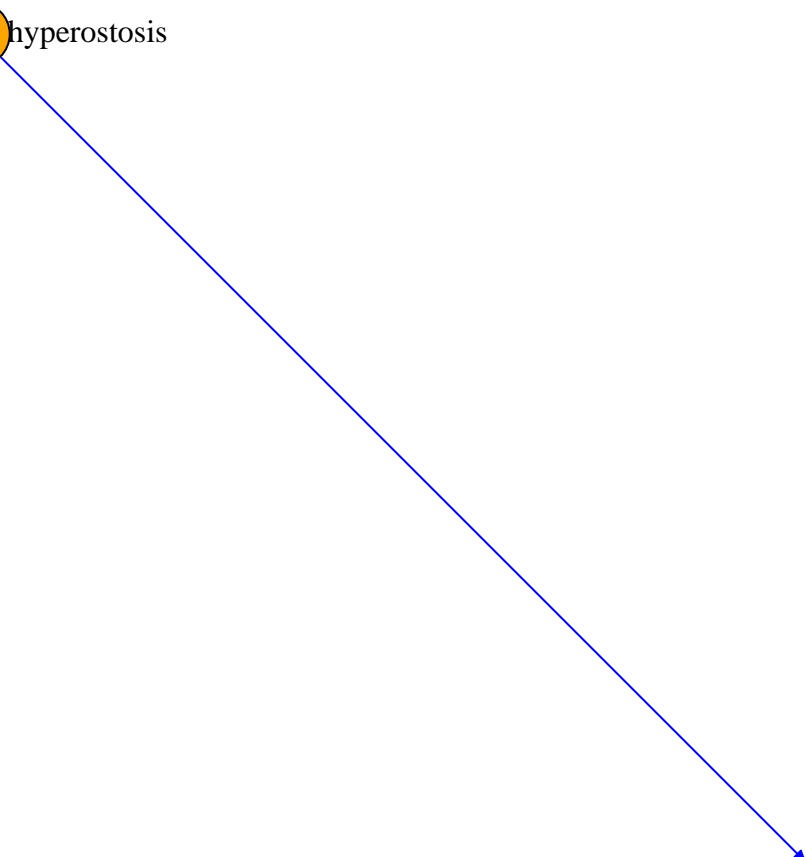
## Variant–Disease Network (Inclusion body myopathy 3)



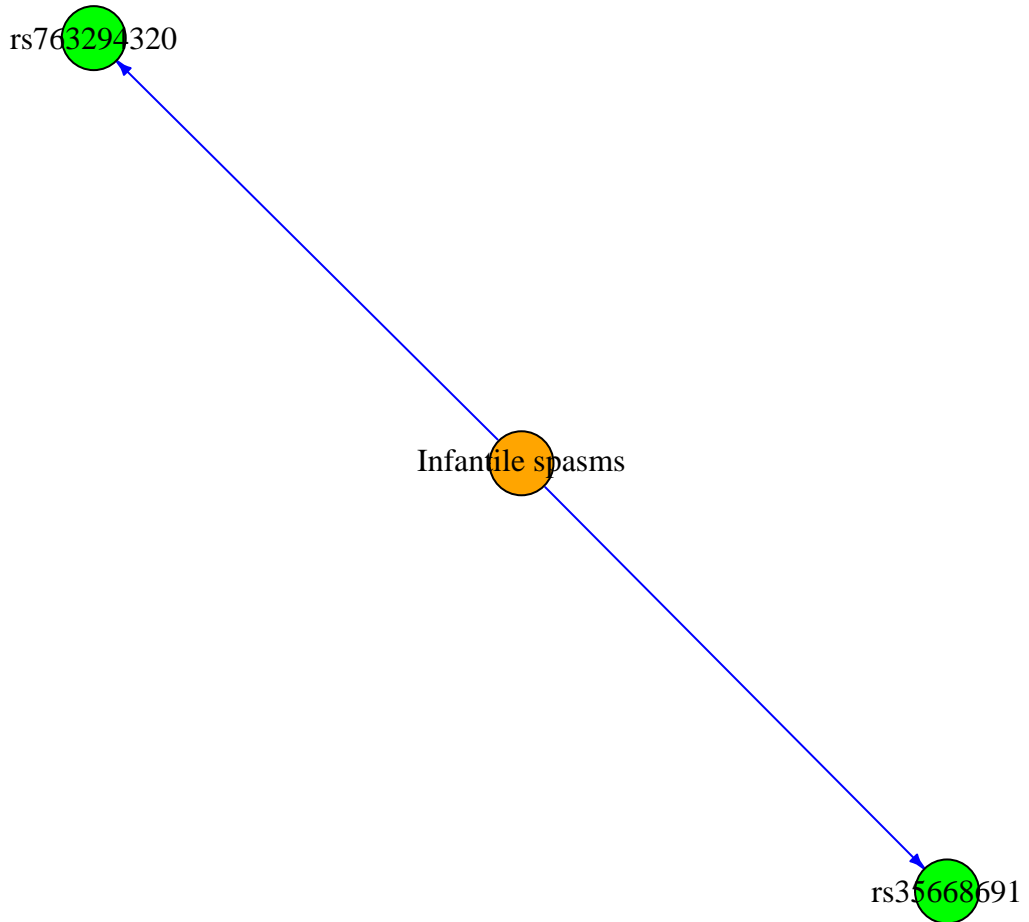
**Variant–Disease Network (Infantile cortical hyperostosis)**

Infantile cortical hyperostosis

rs41316667

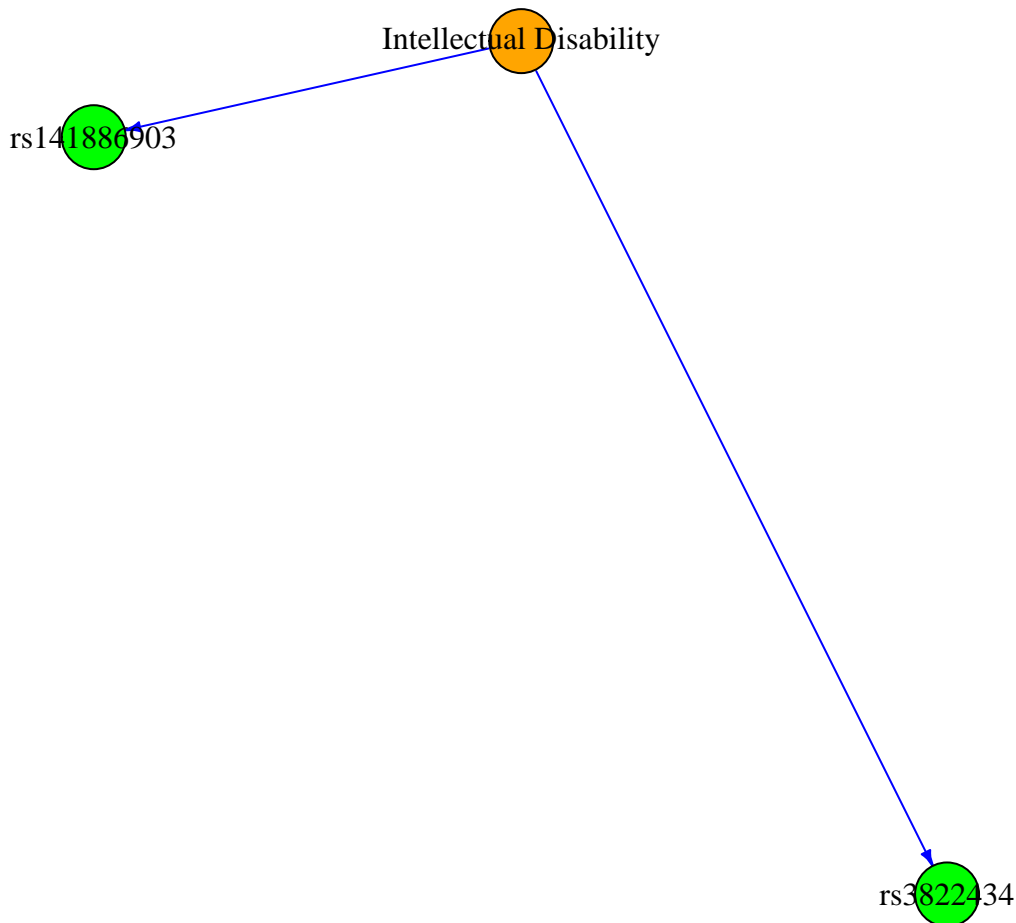


## Variant–Disease Network (Infantile spasms)

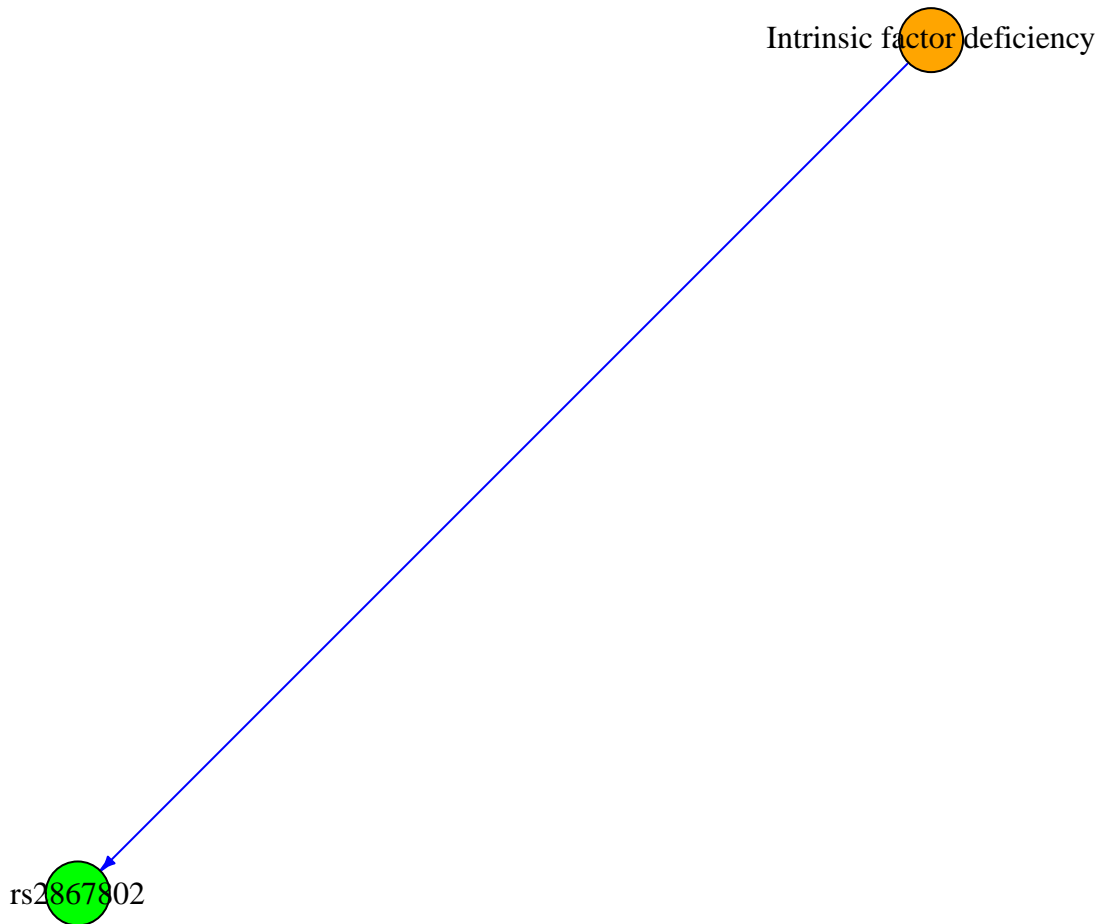




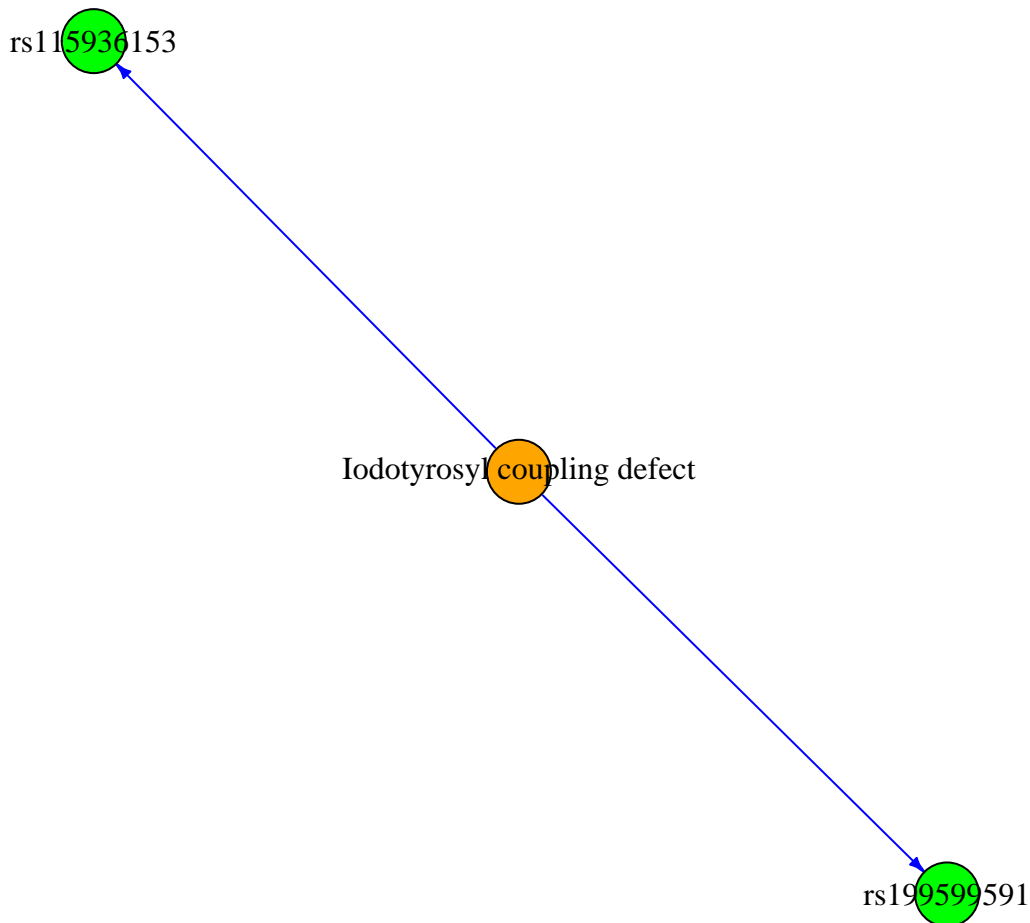
## Variant–Disease Network (Intellectual Disability)



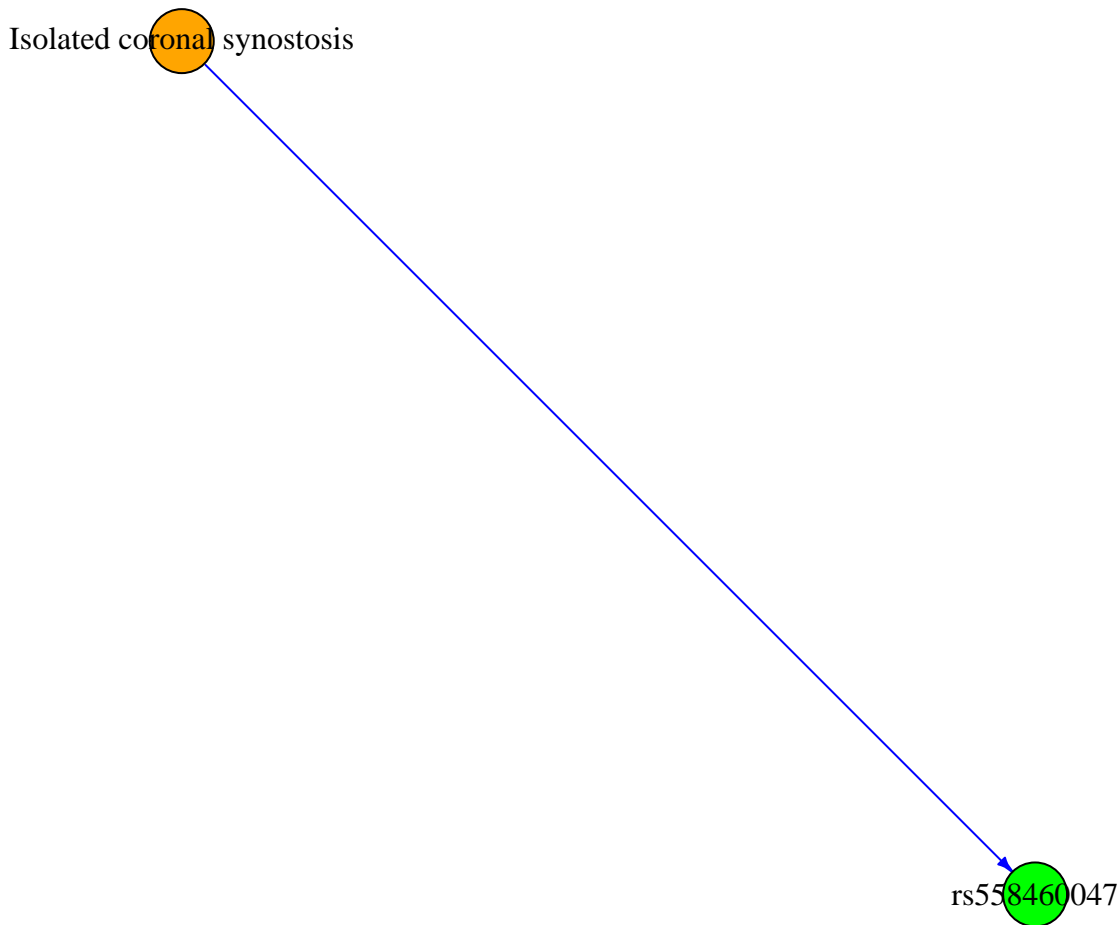
## Variant–Disease Network (Intrinsic factor deficiency)



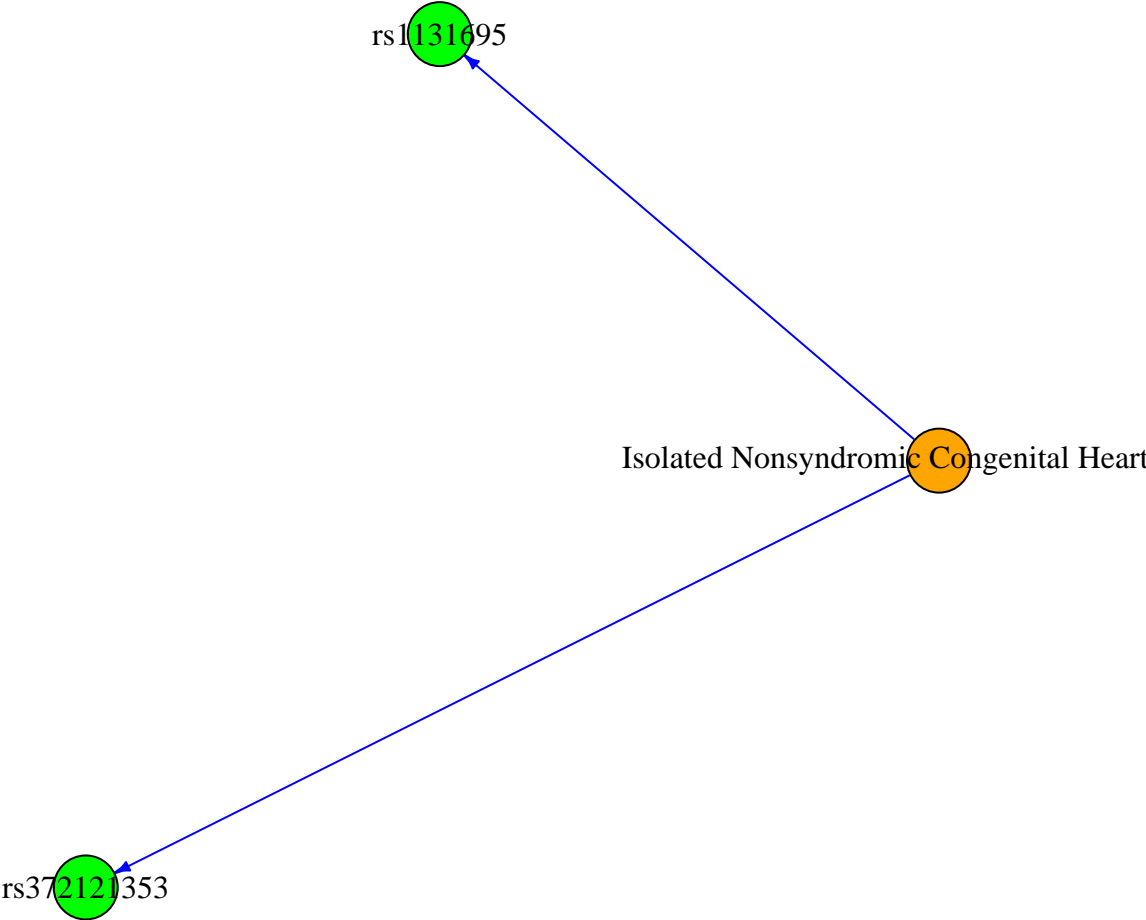
## Variant–Disease Network (Iodotyrosyl coupling defect)



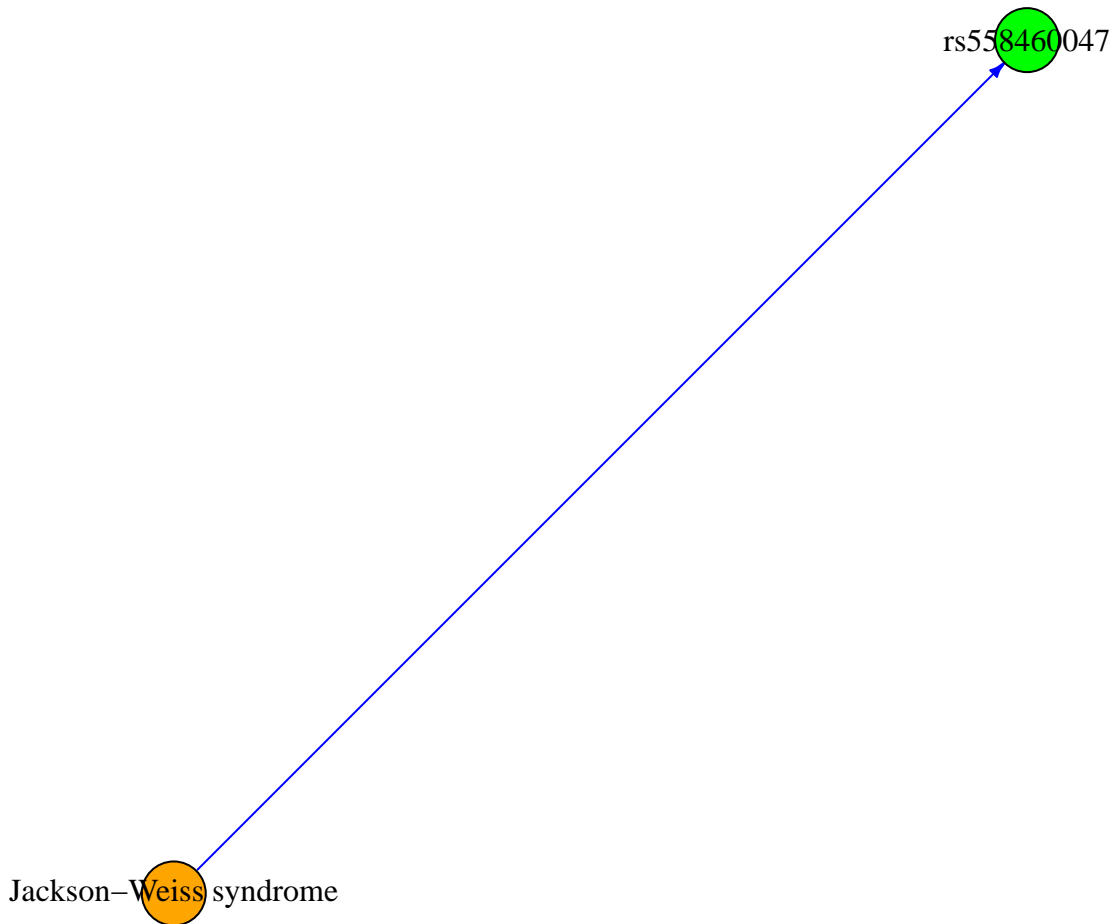
## Variant–Disease Network (Isolated coronal synostosis)



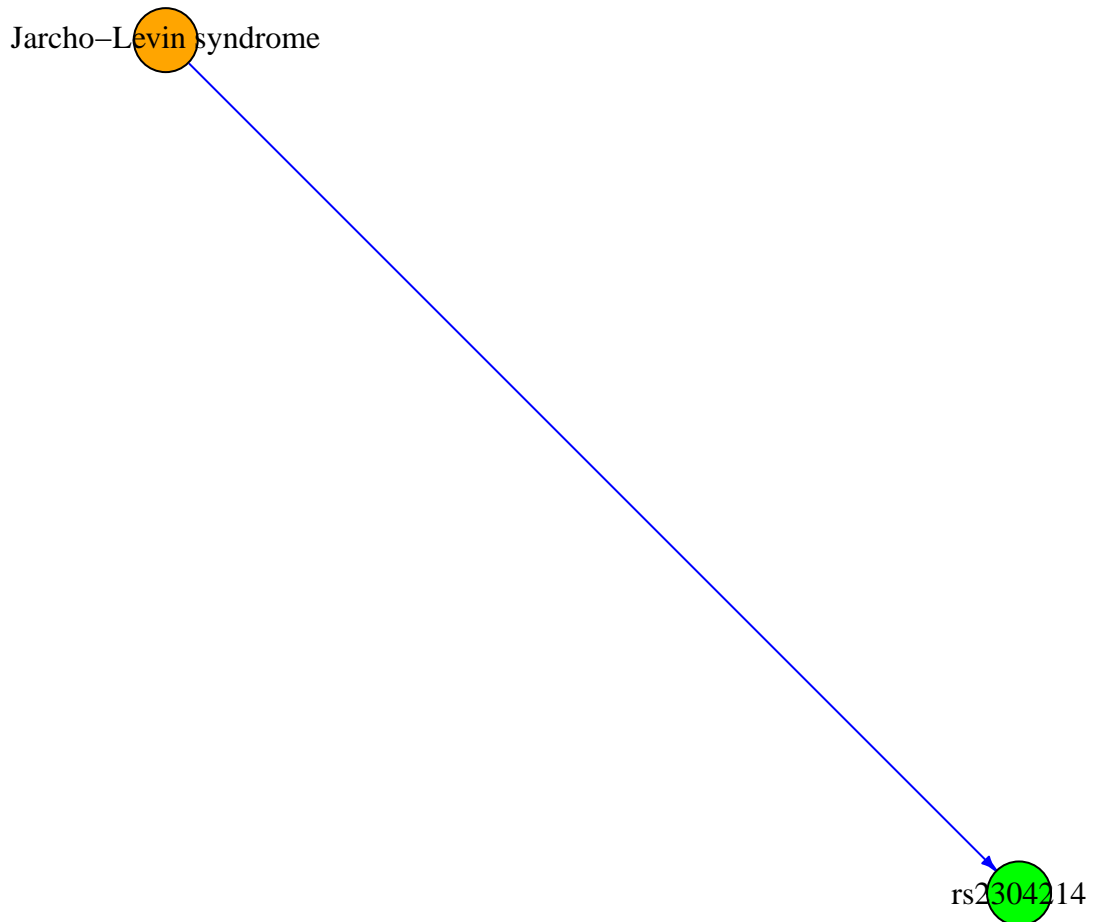
Variant–Disease Network (Isolated Nonsyndromic Congenital Heart Diseases)



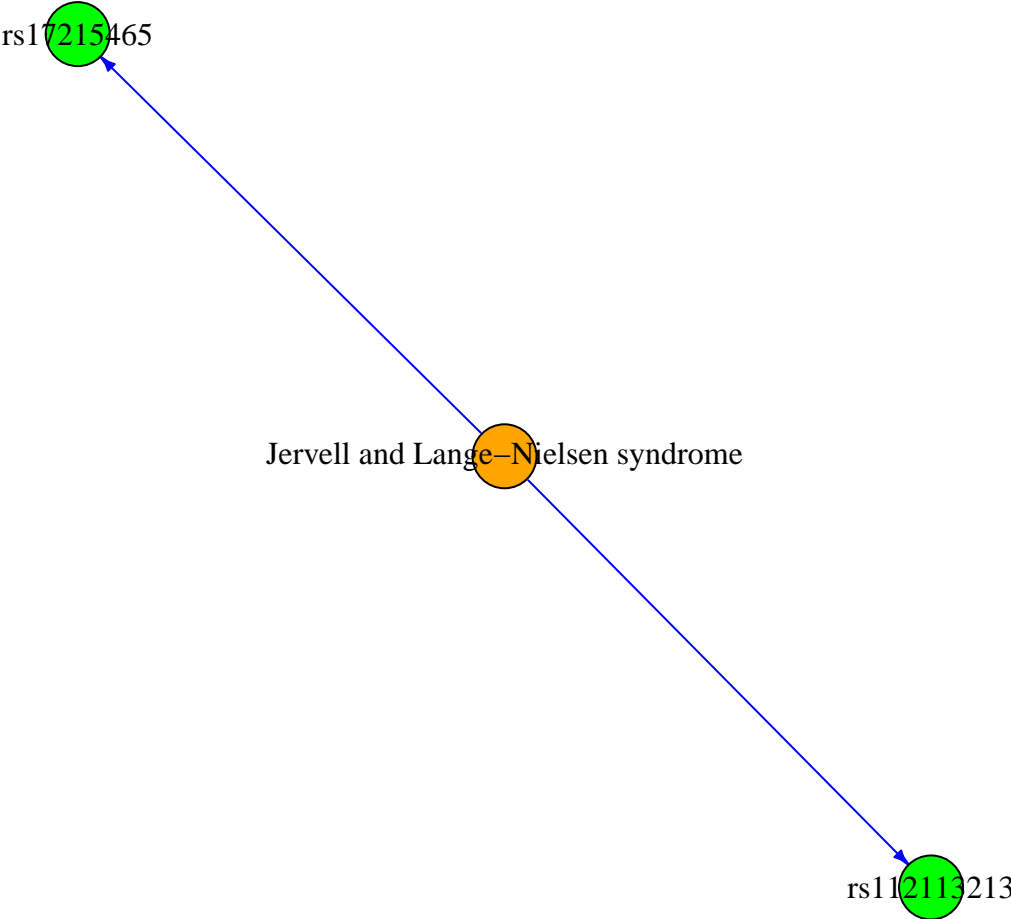
# Variant–Disease Network (Jackson–Weiss syndrome)



# Variant–Disease Network (Jarcho–Levin syndrome)

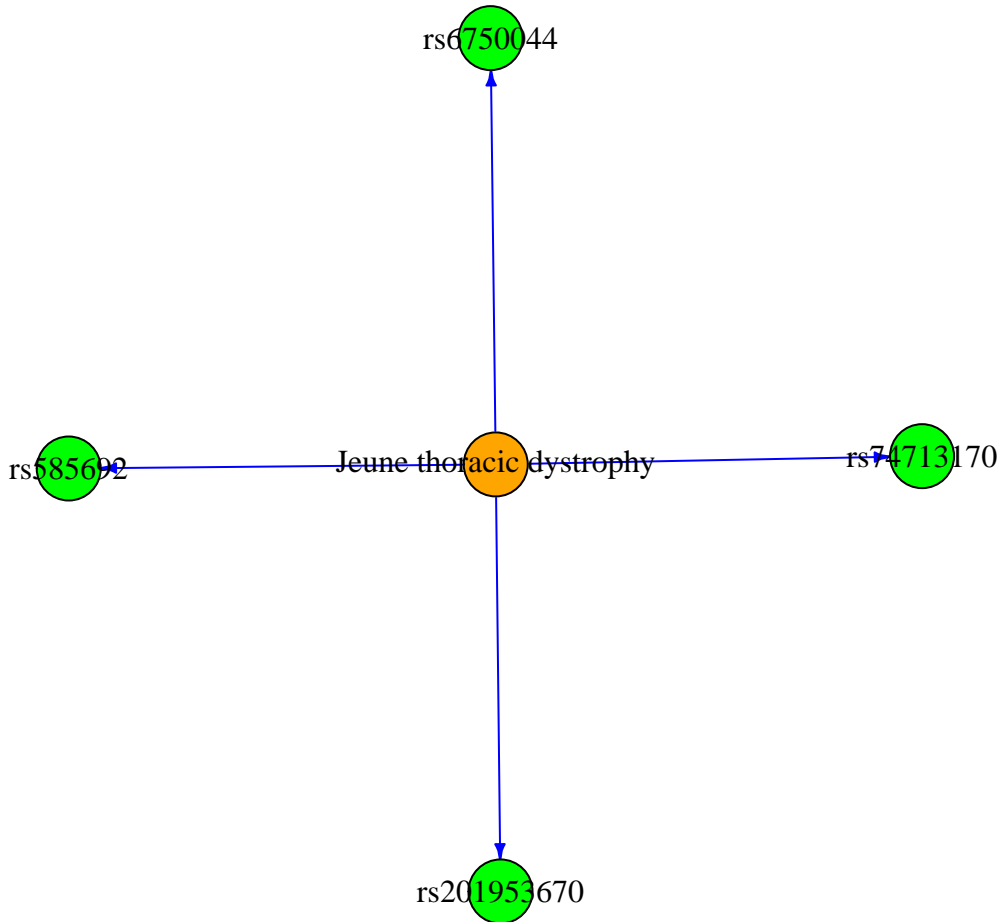


Variant–Disease Network (Jervell and Lange–Nielsen syndrome)

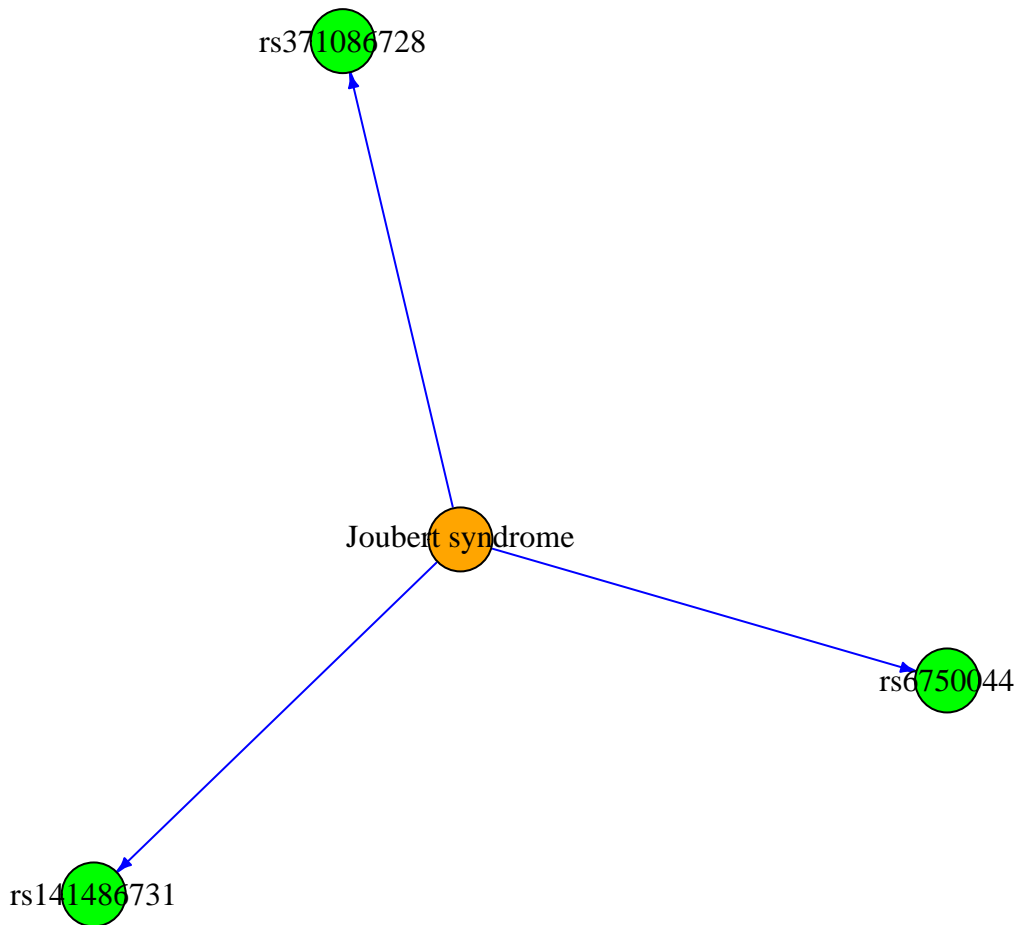




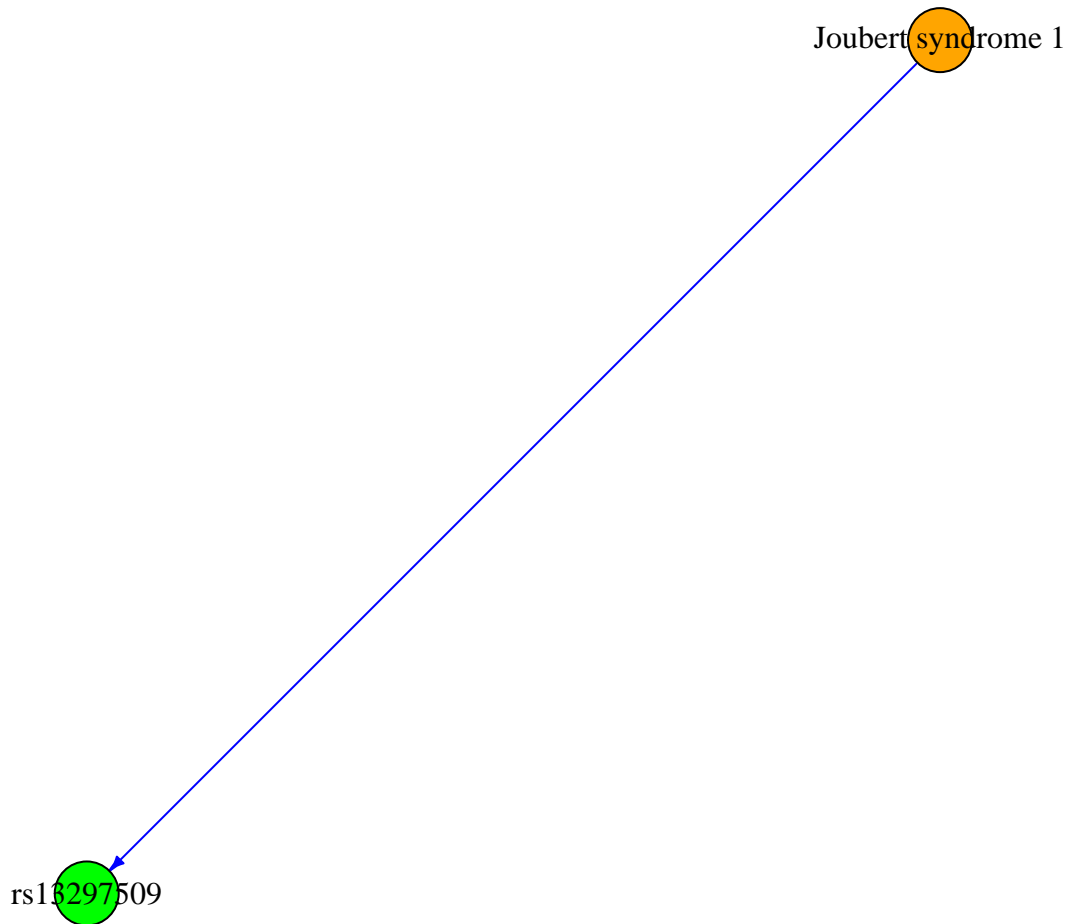
## Variant–Disease Network (Jeune thoracic dystrophy)



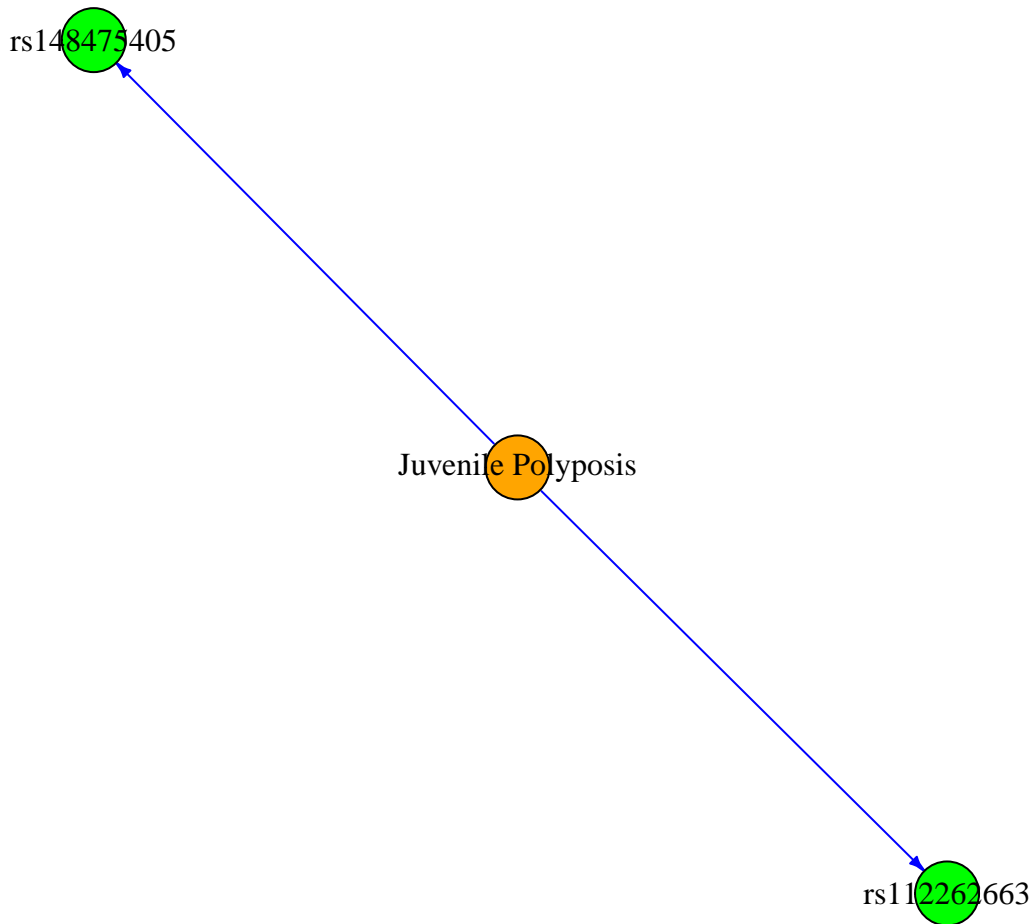
## Variant–Disease Network (Joubert syndrome)



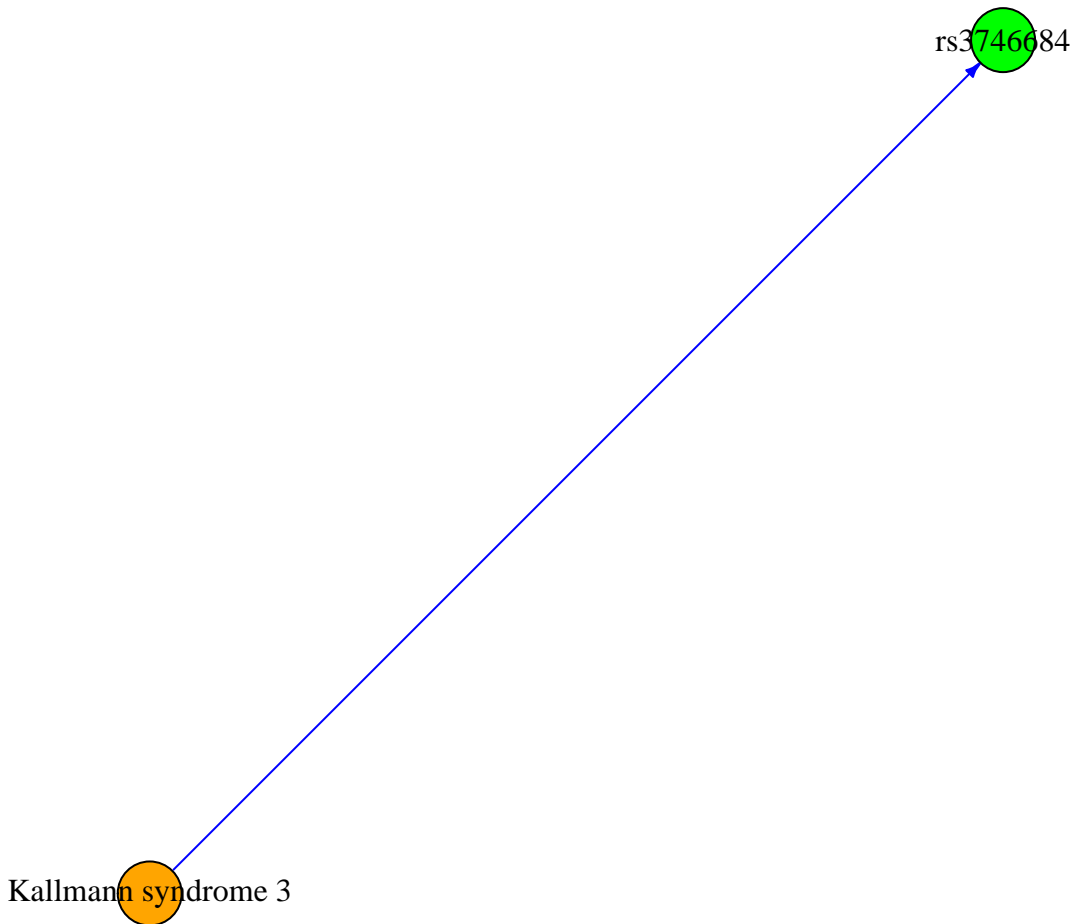
## Variant–Disease Network (Joubert syndrome 1)



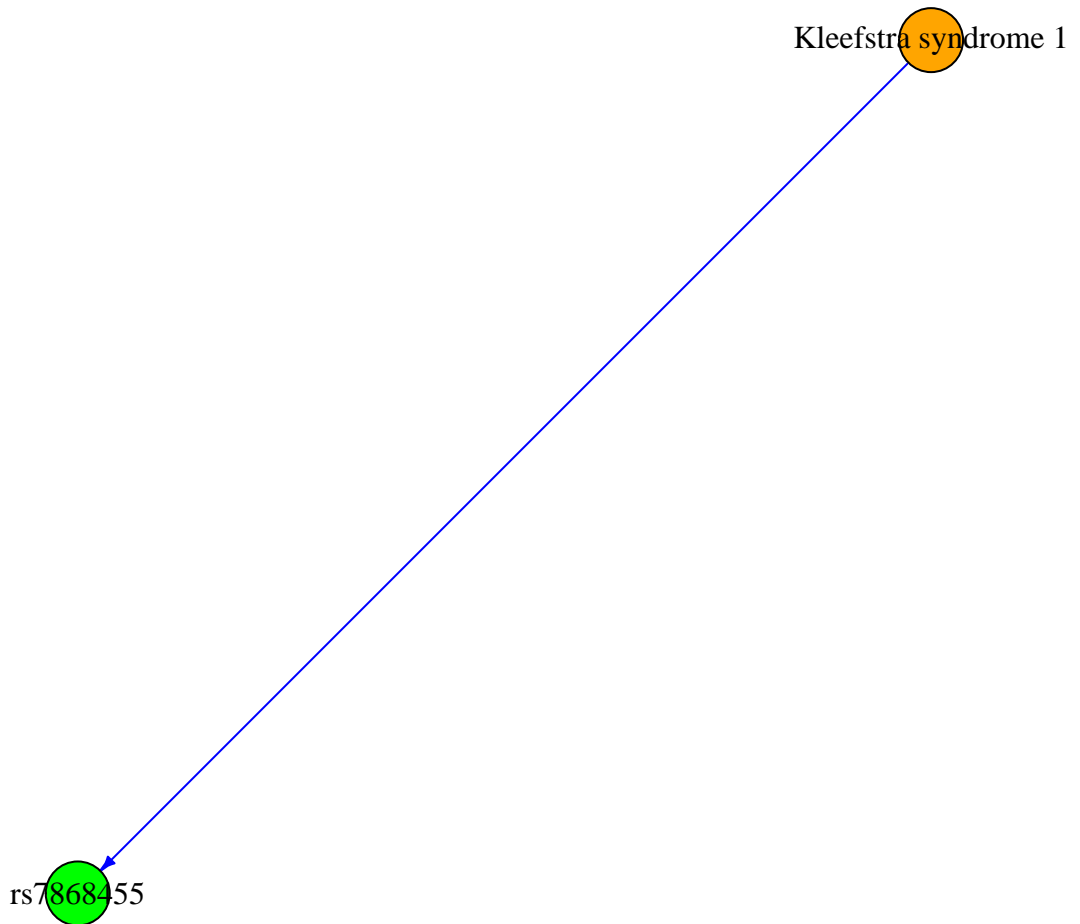
# Variant–Disease Network (Juvenile Polyposis)



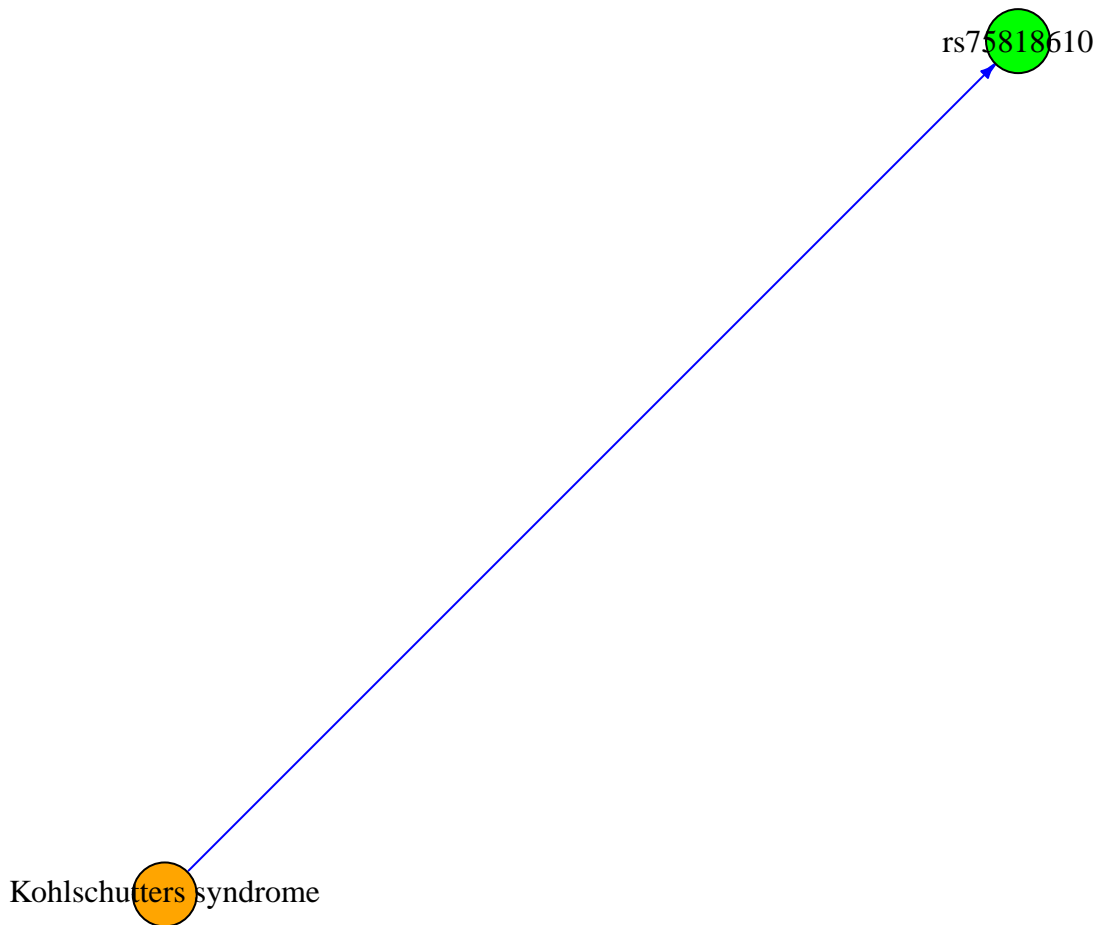
## Variant–Disease Network (Kallmann syndrome 3)



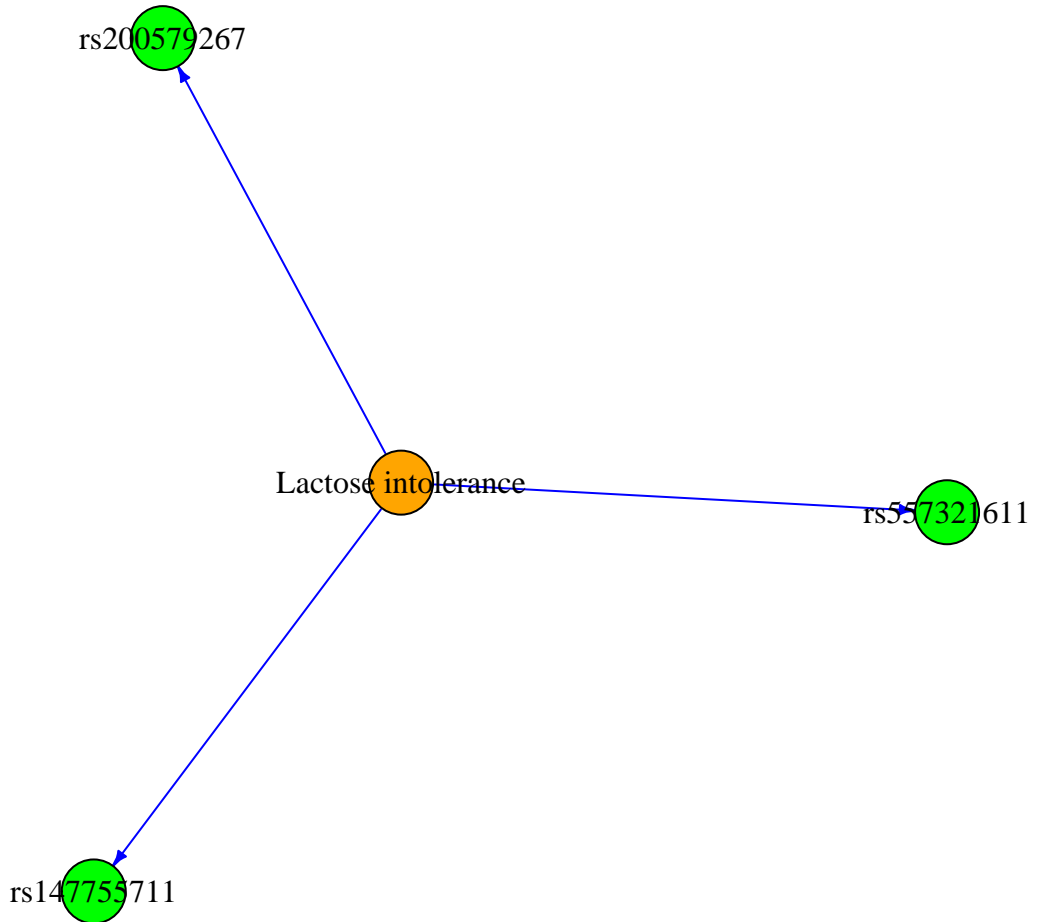
## Variant–Disease Network (Kleefstra syndrome 1)



## Variant-Disease Network (Kohlschutters syndrome)

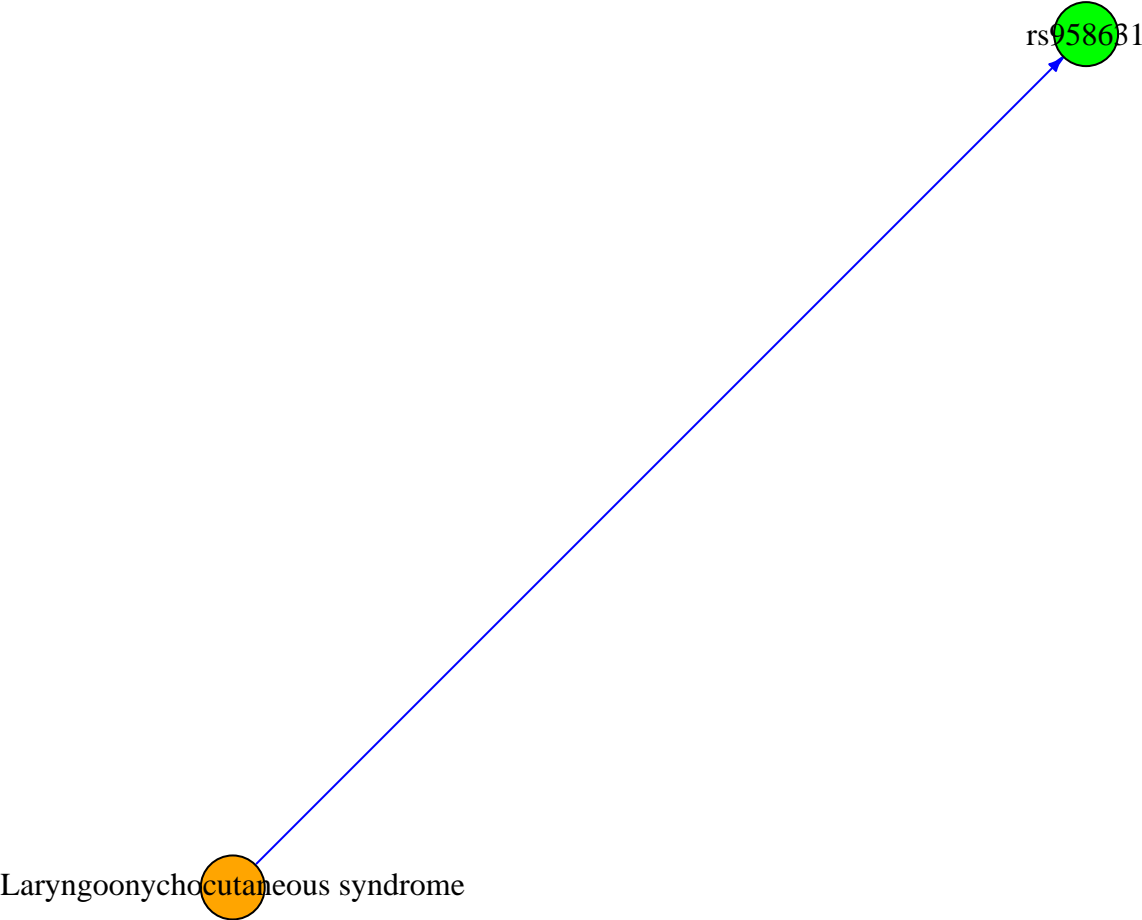


## Variant–Disease Network (Lactose intolerance)

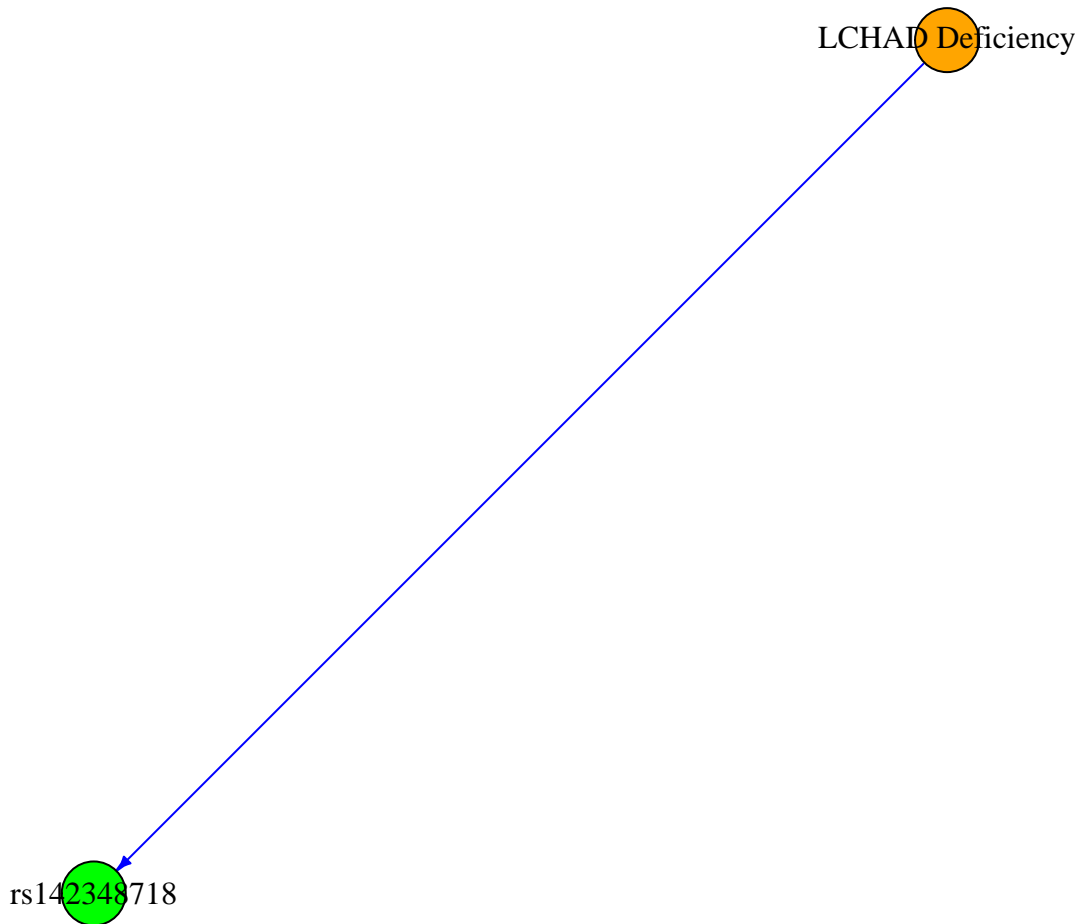




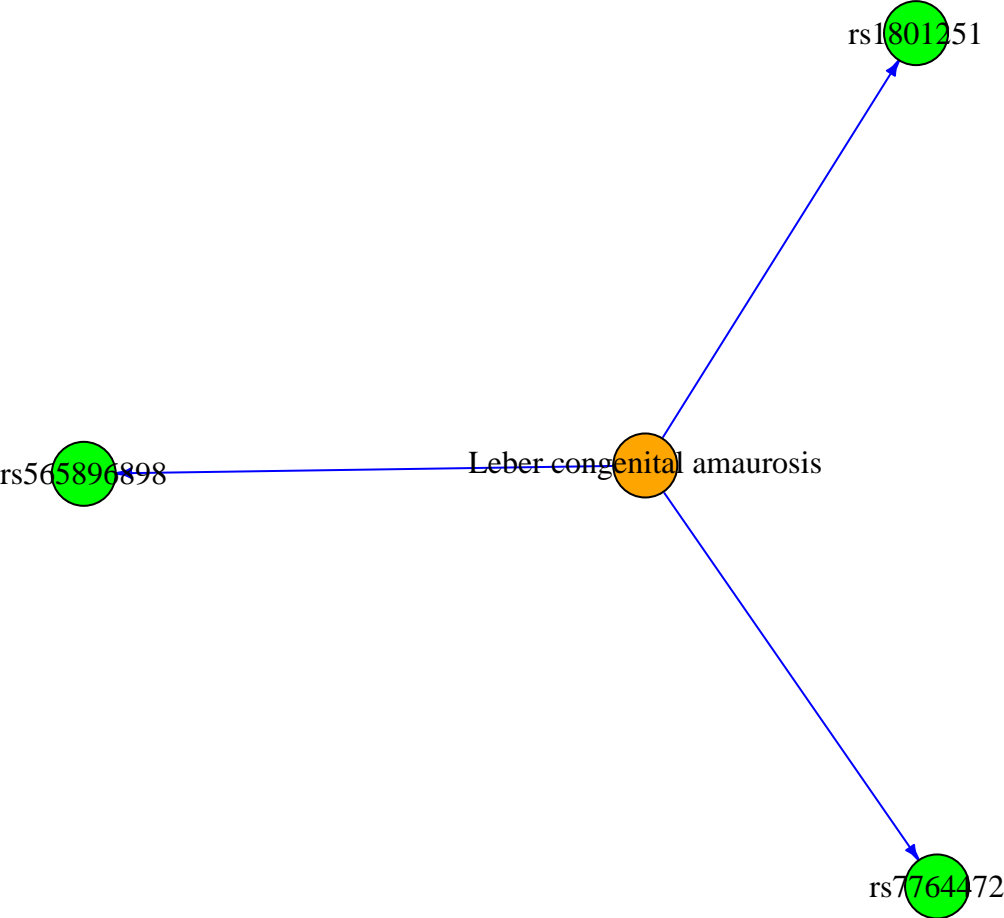
Variant–Disease Network (Laryngoonychocutaneous syndrome)



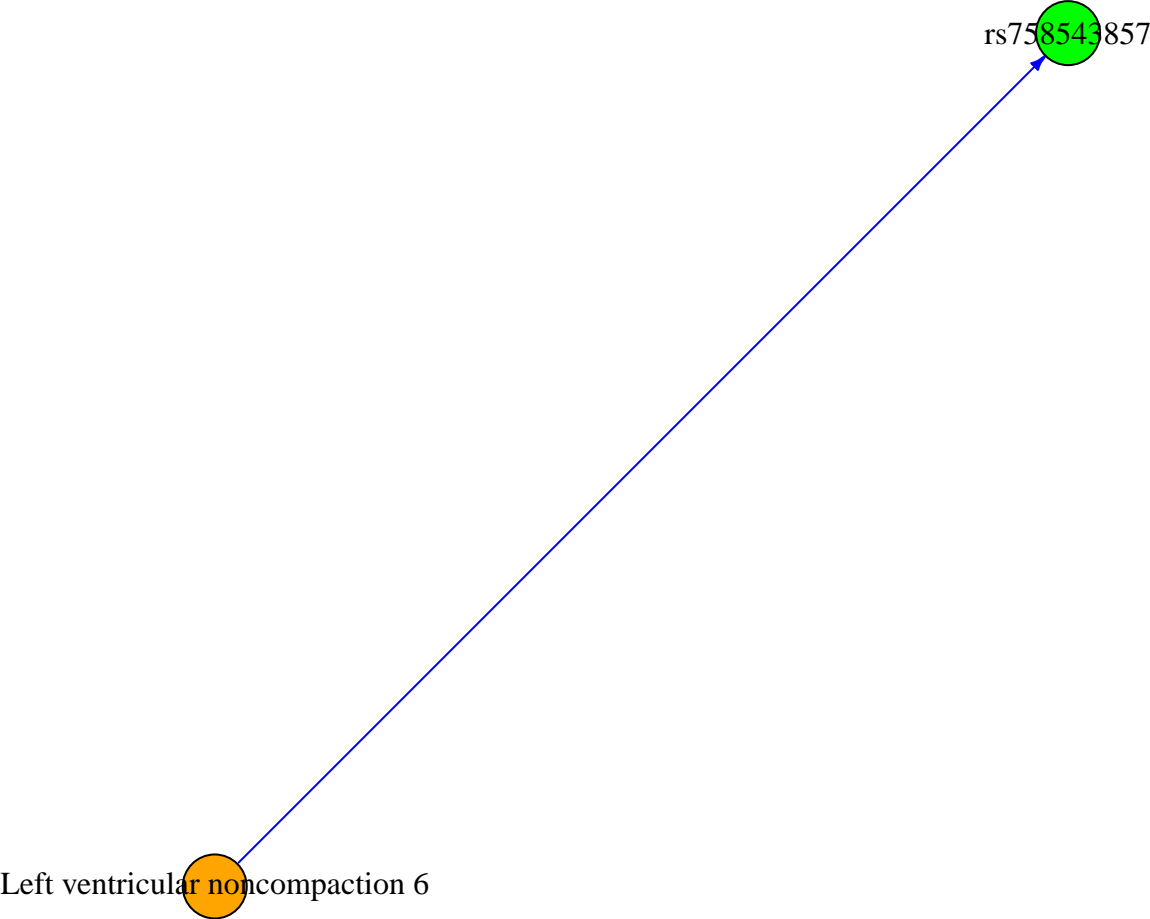
## Variant–Disease Network (LCHAD Deficiency)



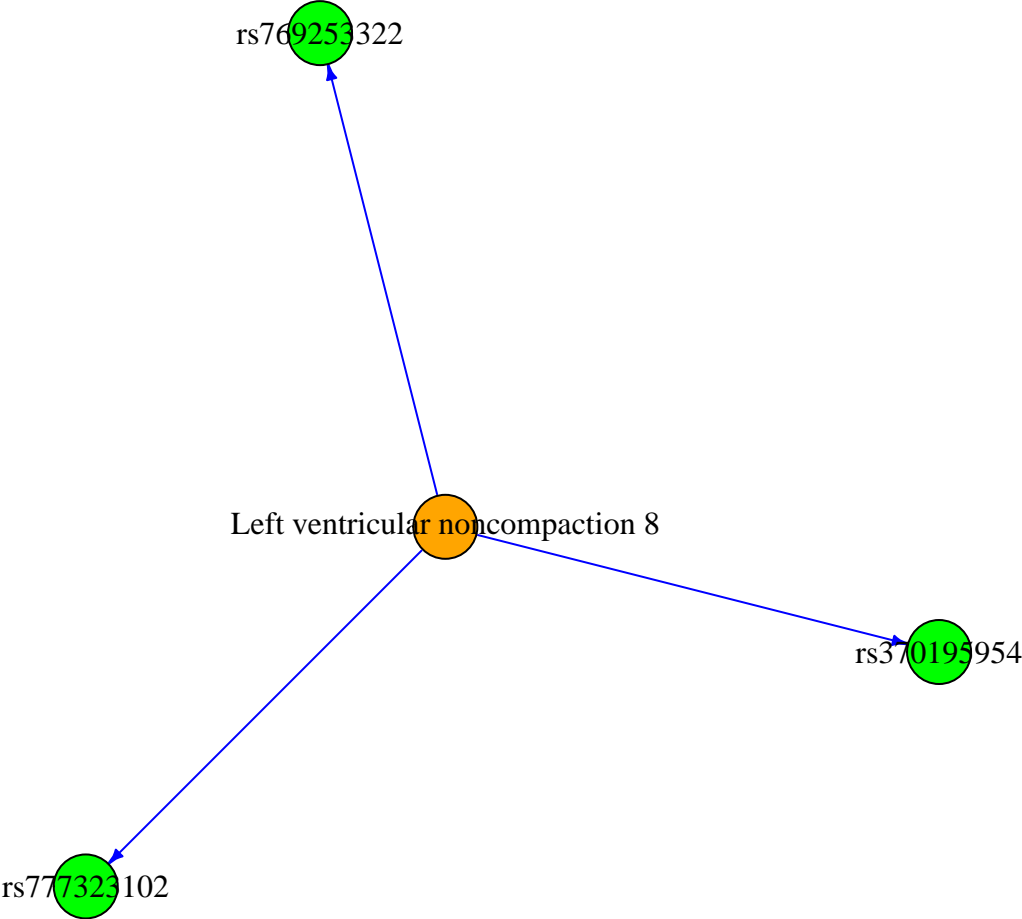
Variant–Disease Network (Leber congenital amaurosis)



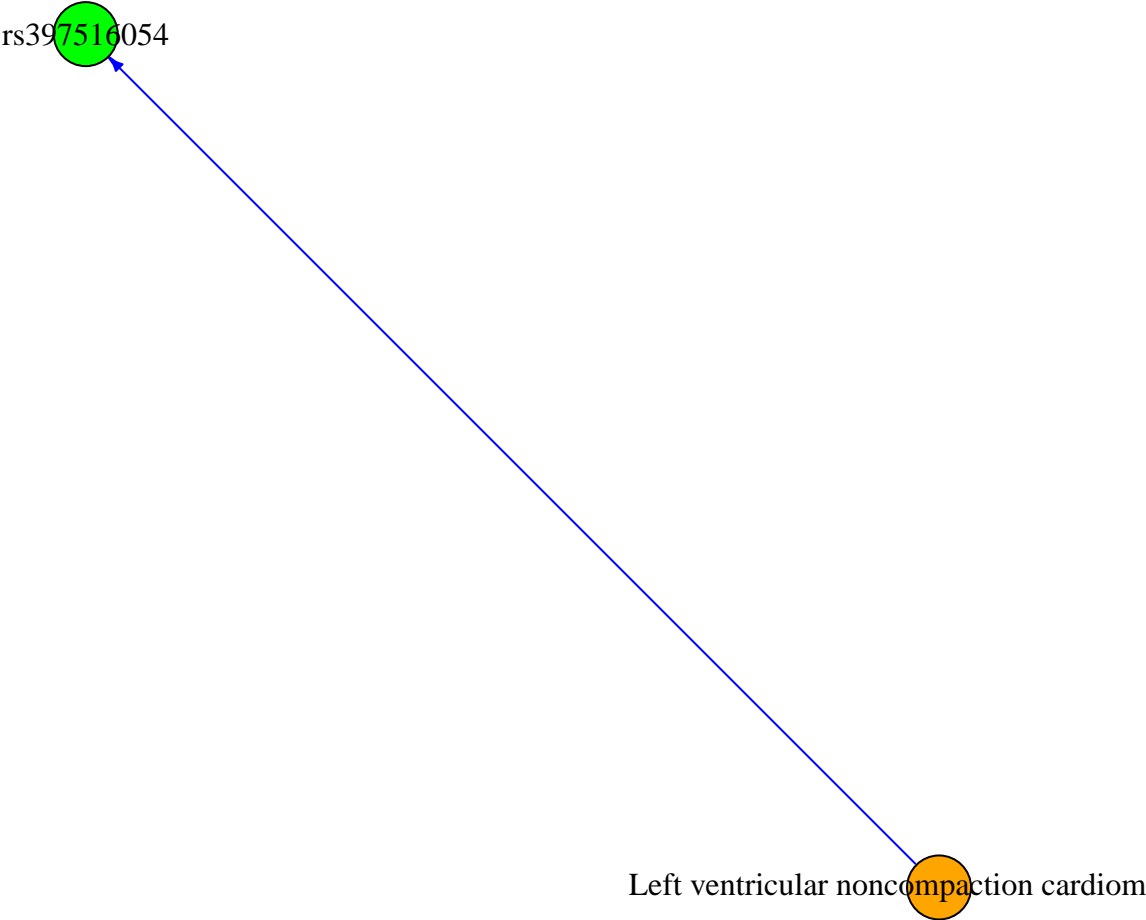
**Variant–Disease Network (Left ventricular noncompaction 6)**



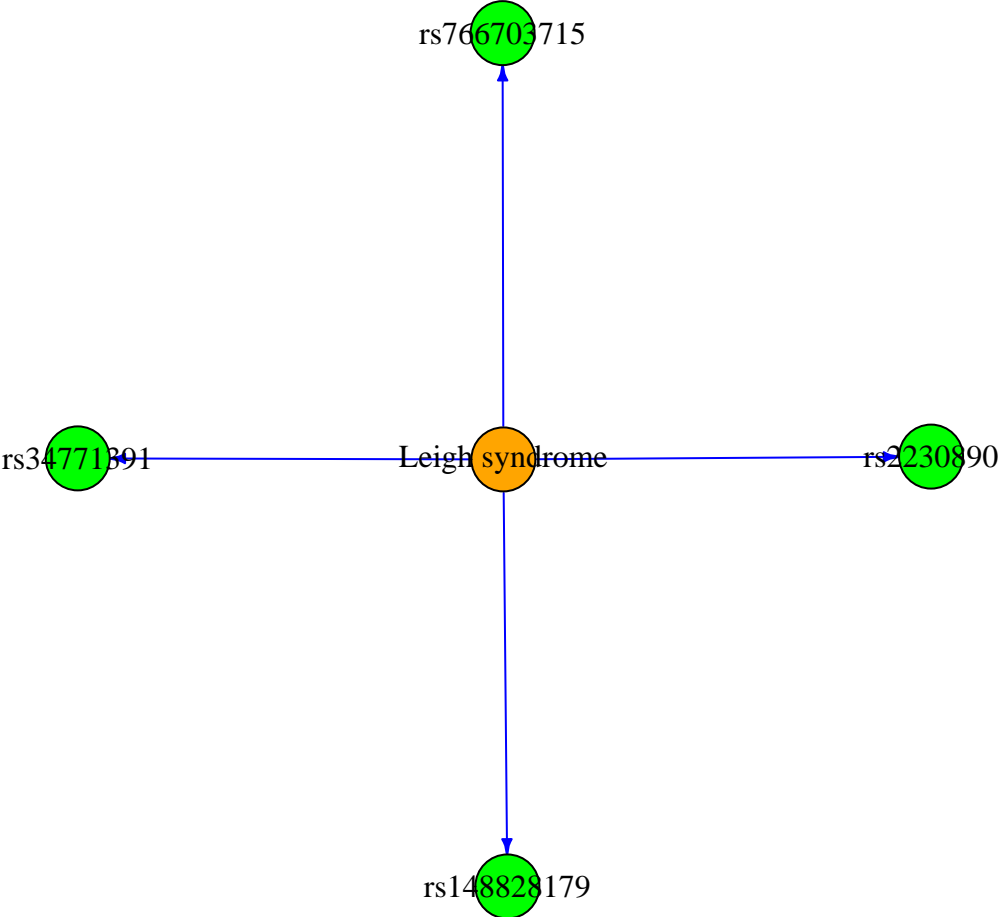
**Variant–Disease Network (Left ventricular noncompaction 8)**



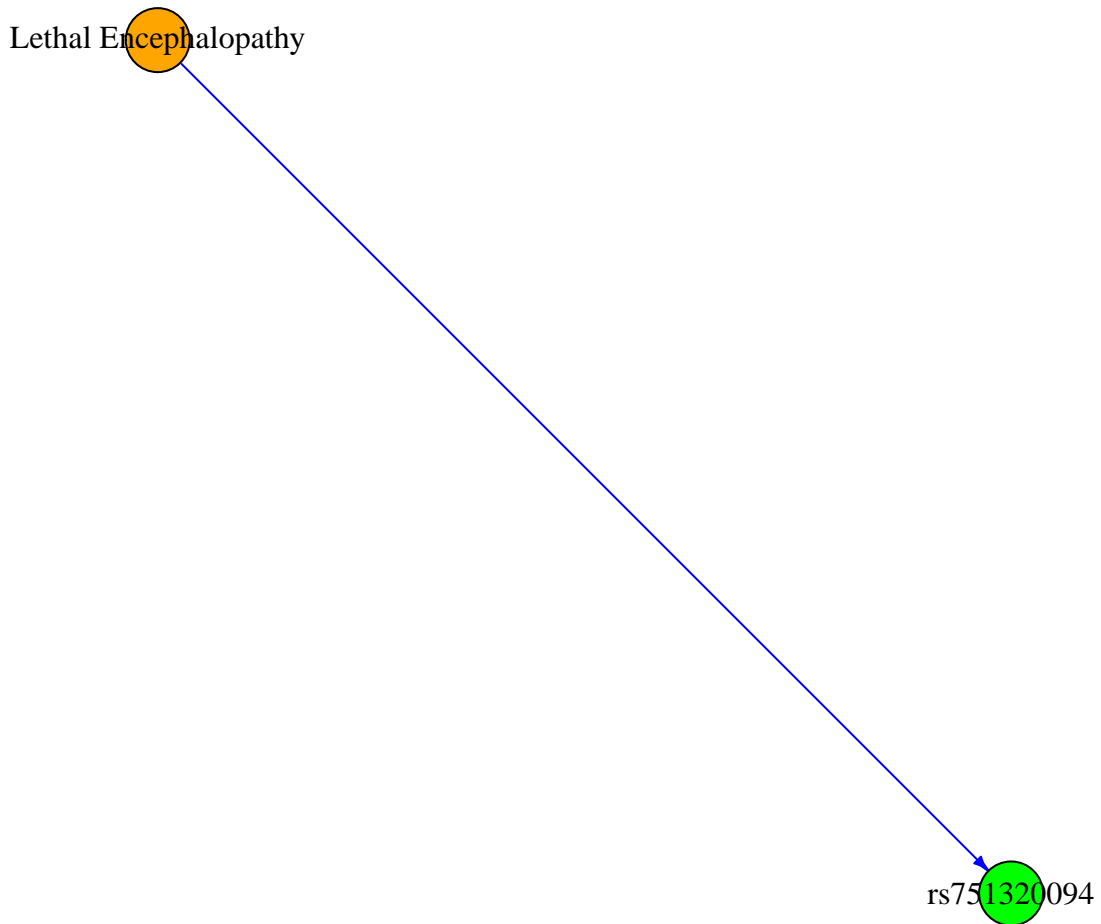
Variant–Disease Network (Left ventricular noncompaction cardiomyopath



Variant–Disease Network (Leigh syndrome)

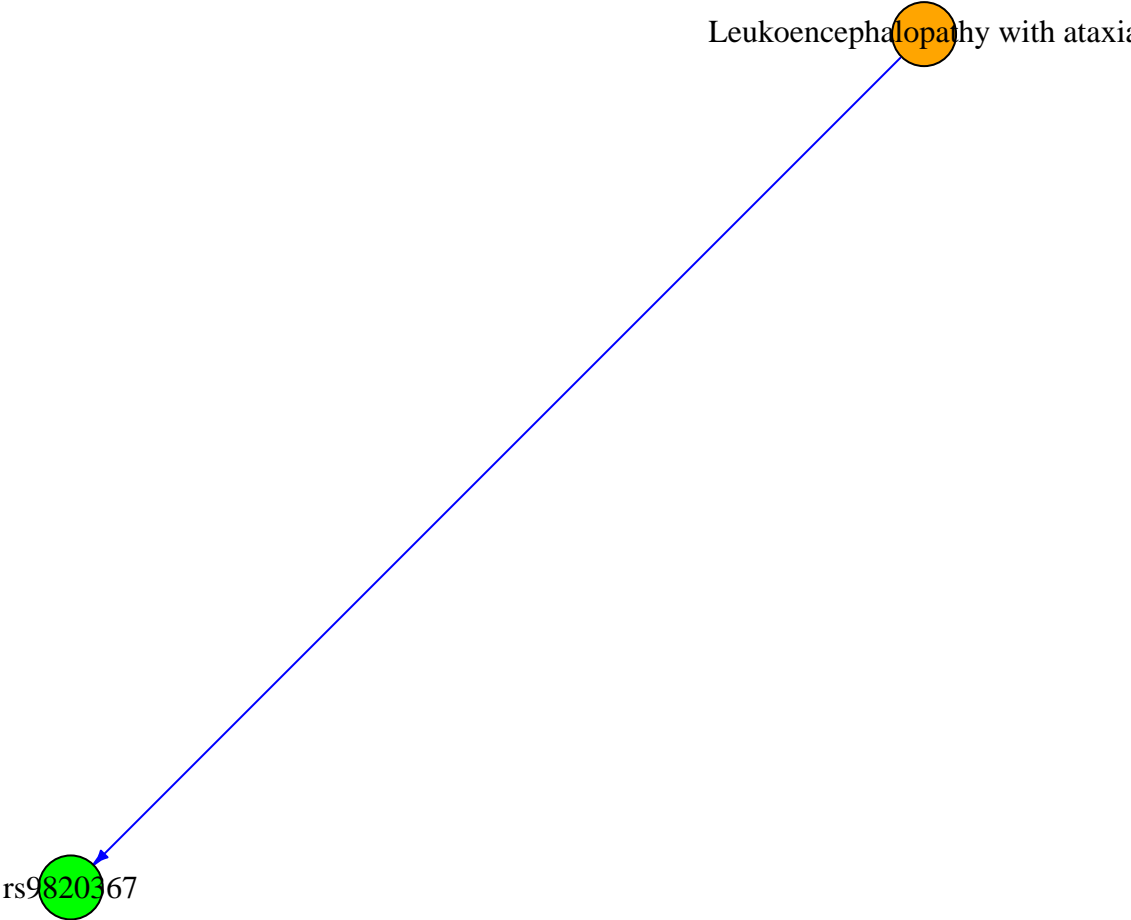


# Variant–Disease Network (Lethal Encephalopathy)

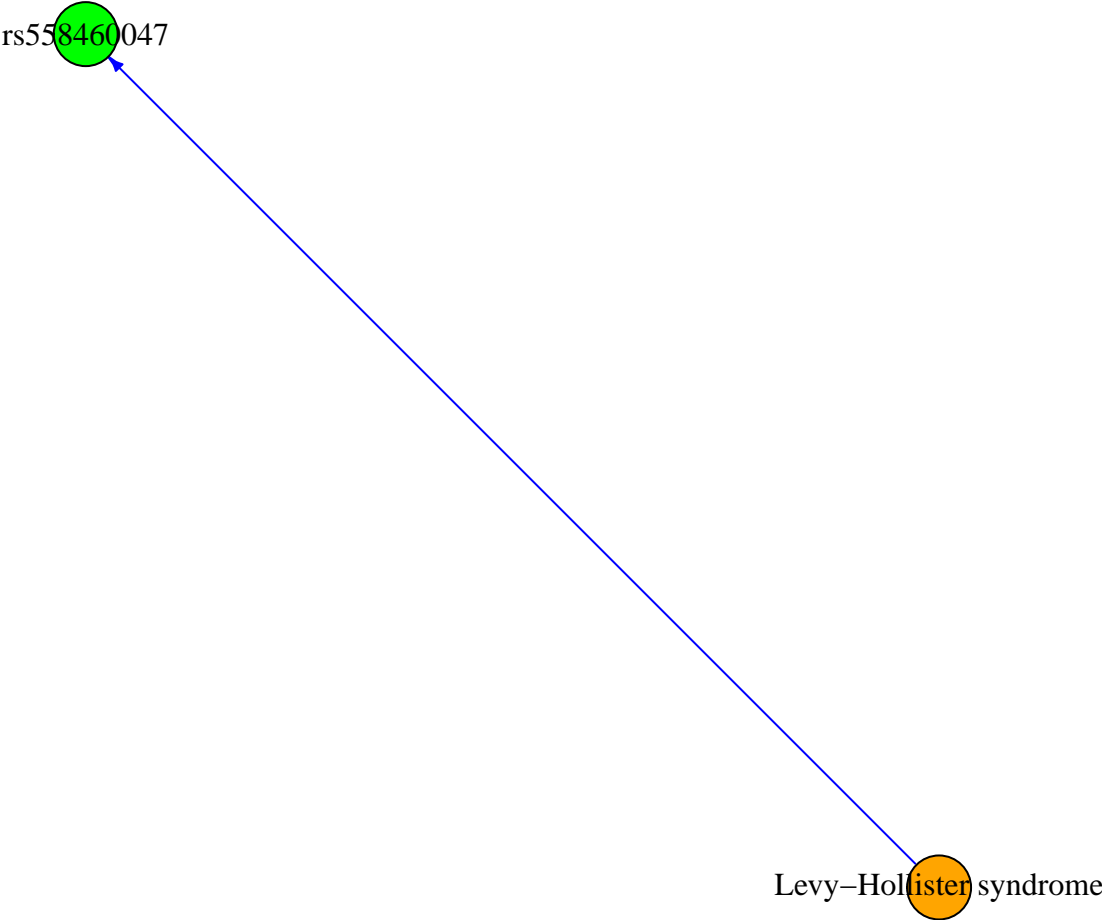




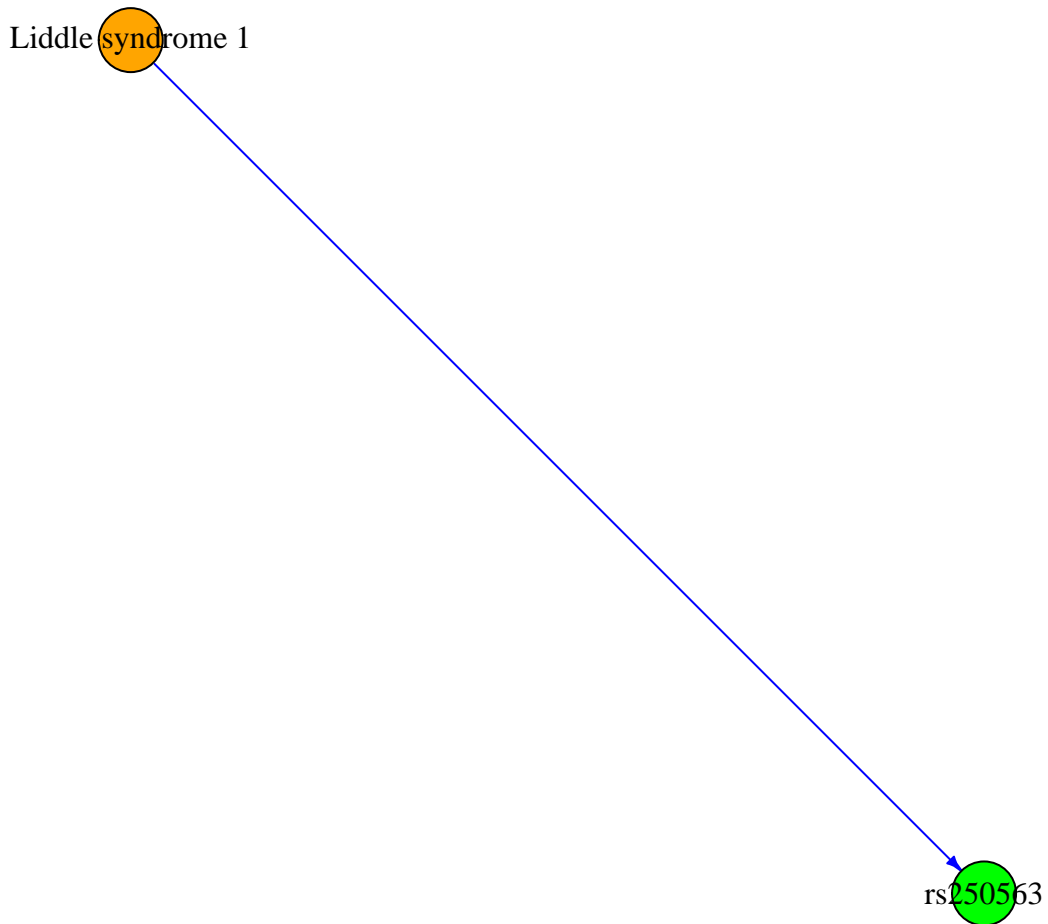
**Variant–Disease Network (Leukoencephalopathy with ataxia)**



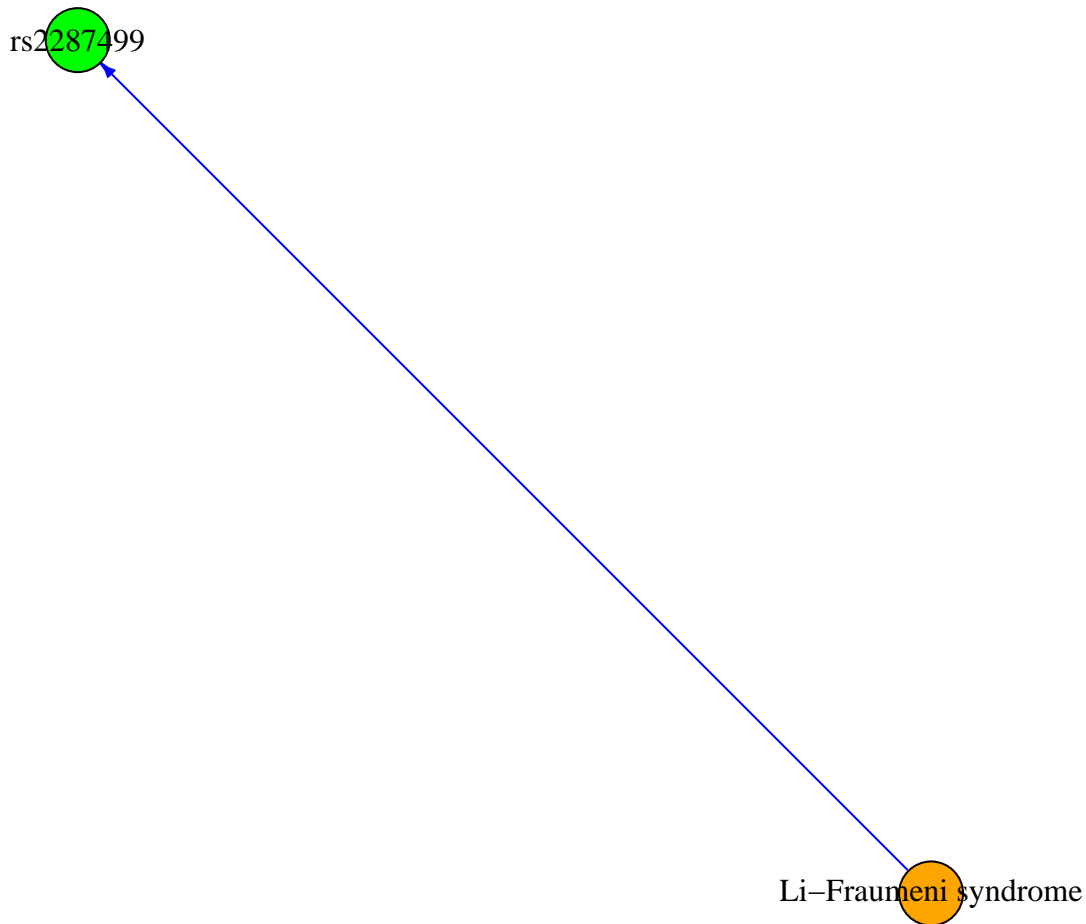
Variant–Disease Network (Levy–Hollister syndrome)



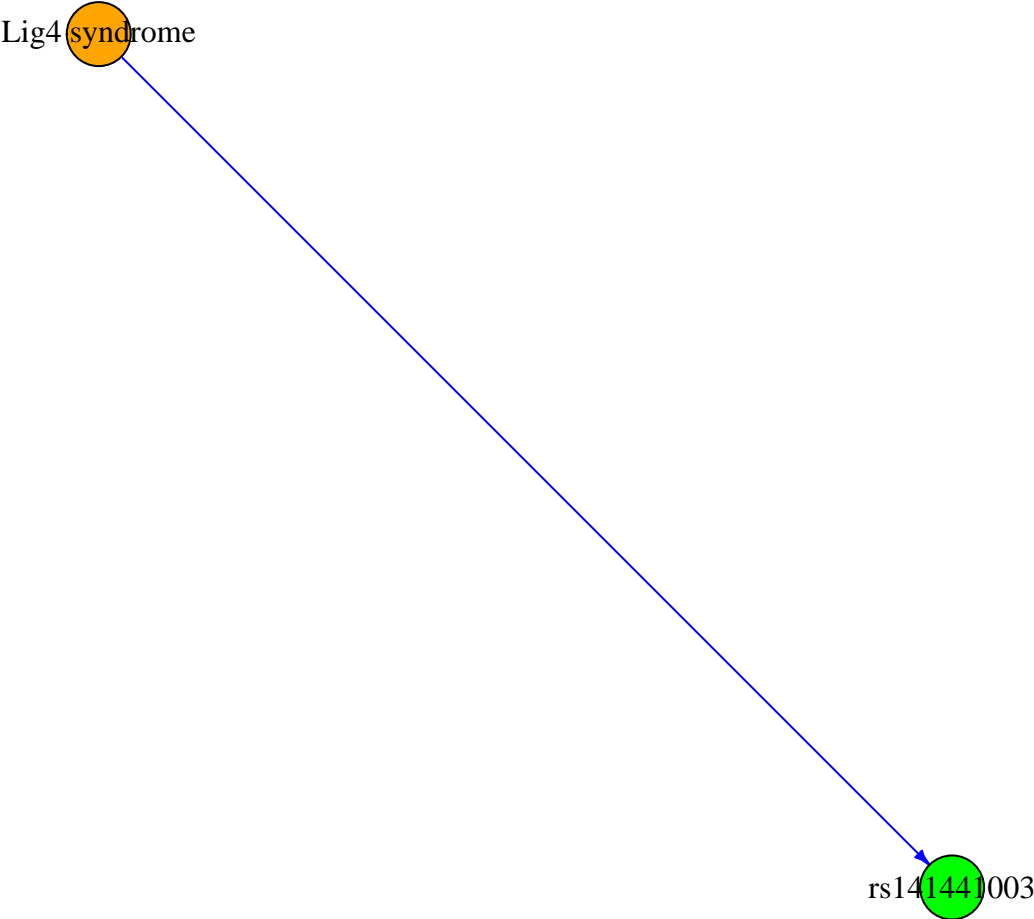
## Variant–Disease Network (Liddle syndrome 1)



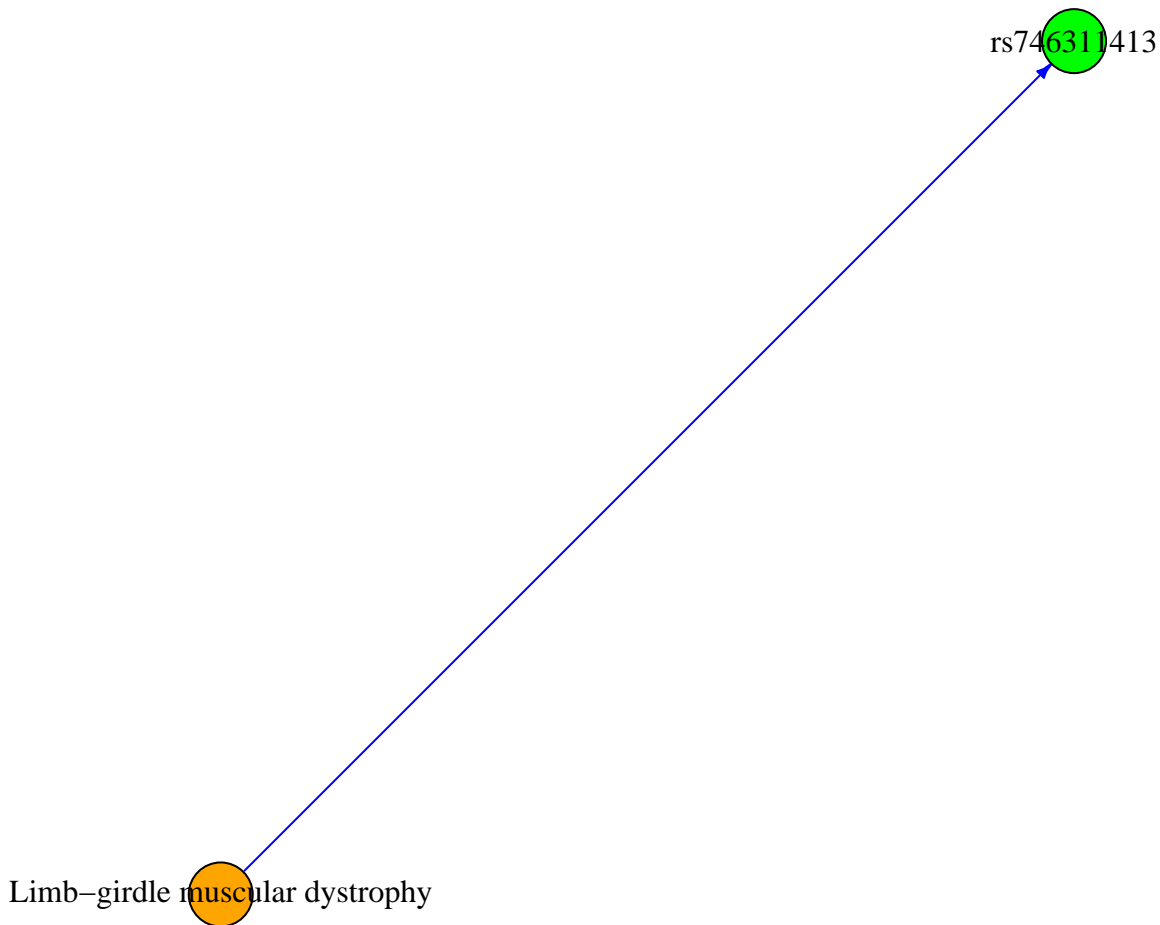
## Variant–Disease Network (Li–Fraumeni syndrome)



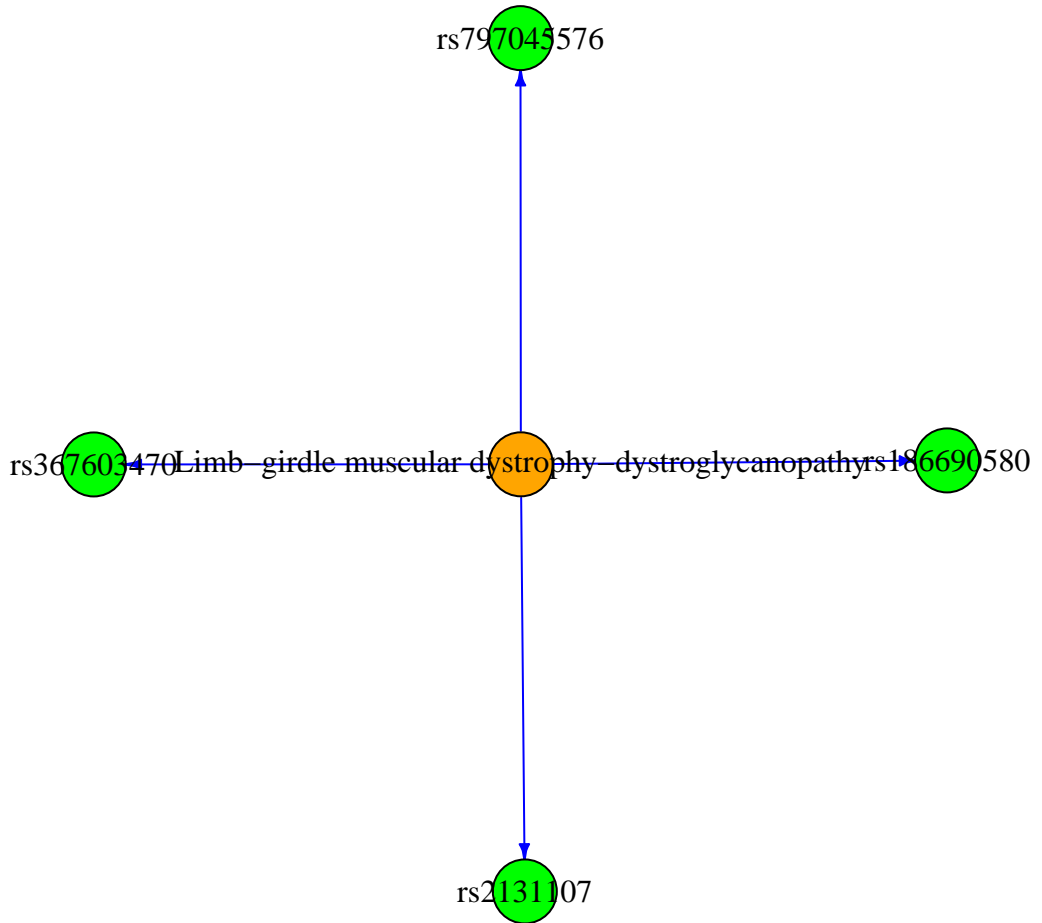
Variant–Disease Network (Lig4 syndrome)



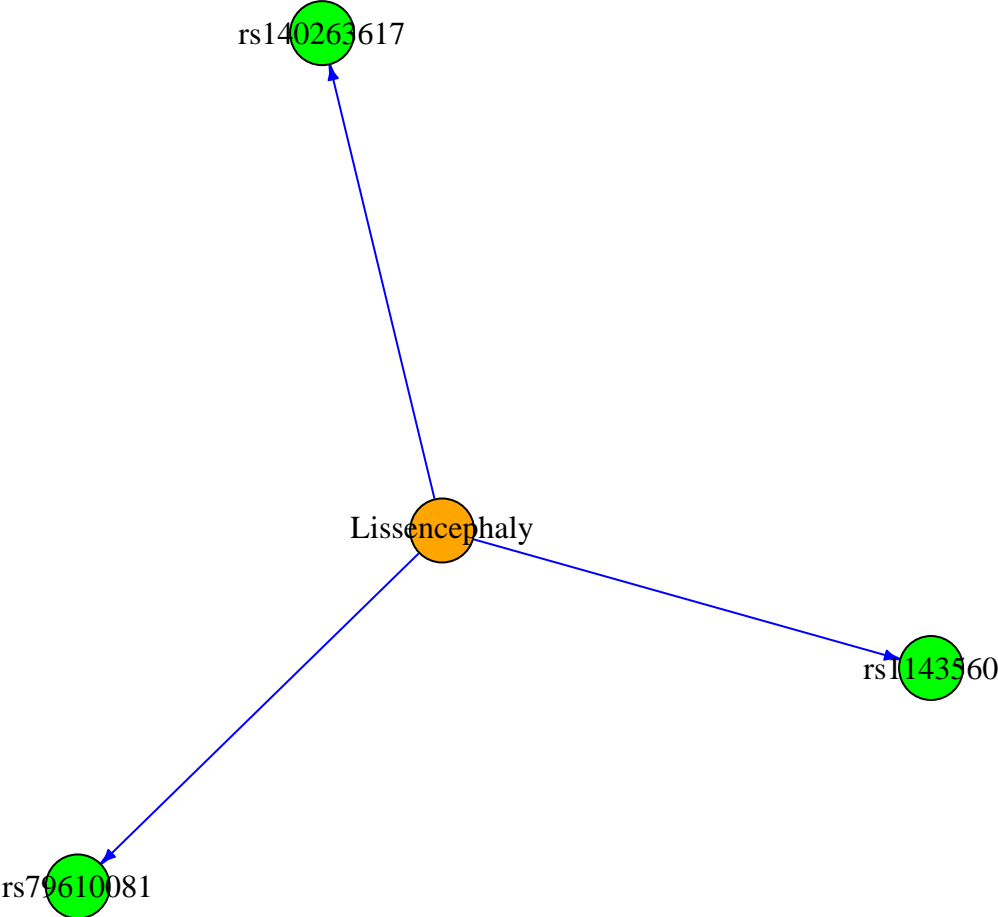
# Variant–Disease Network (Limb–girdle muscular dystrophy)



# Variant-Disease Network (Limb-girdle muscular dystrophy-dystroglycanopathies)

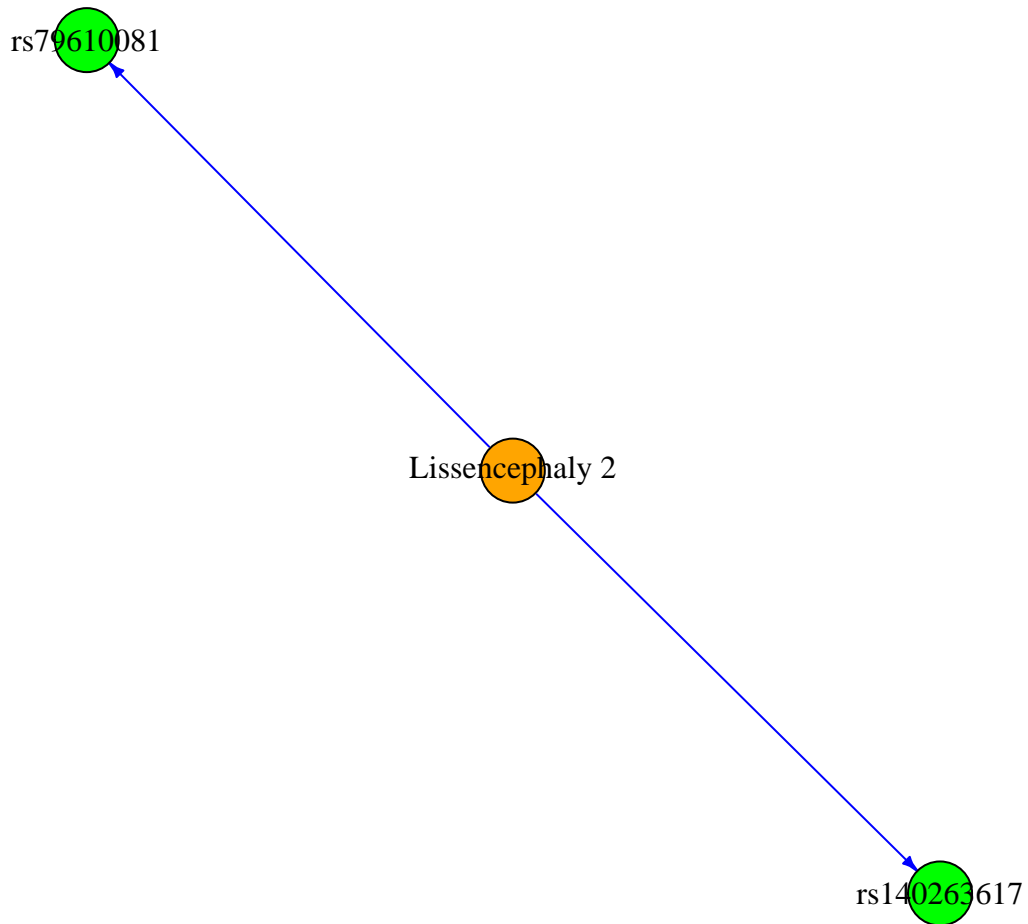


Variant–Disease Network (Lissencephaly)

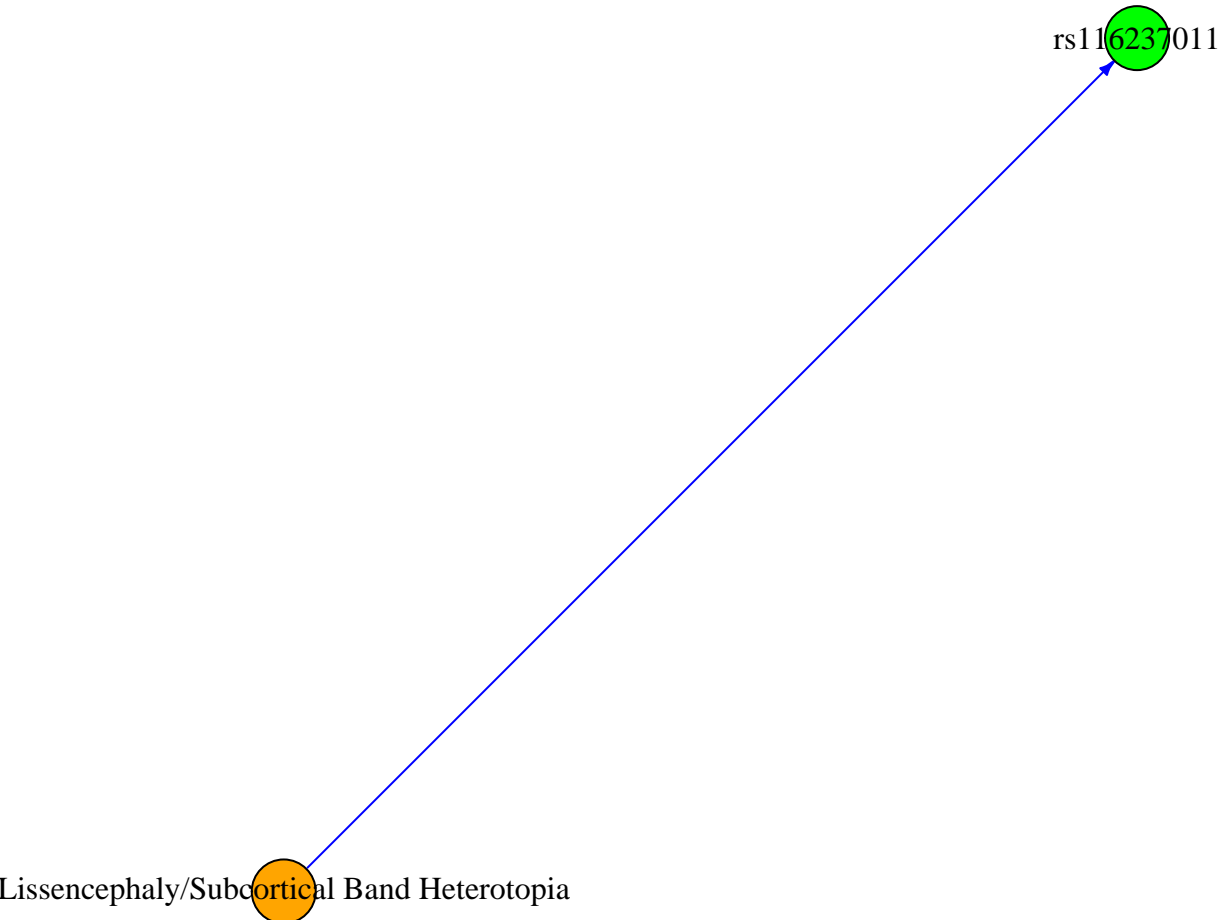




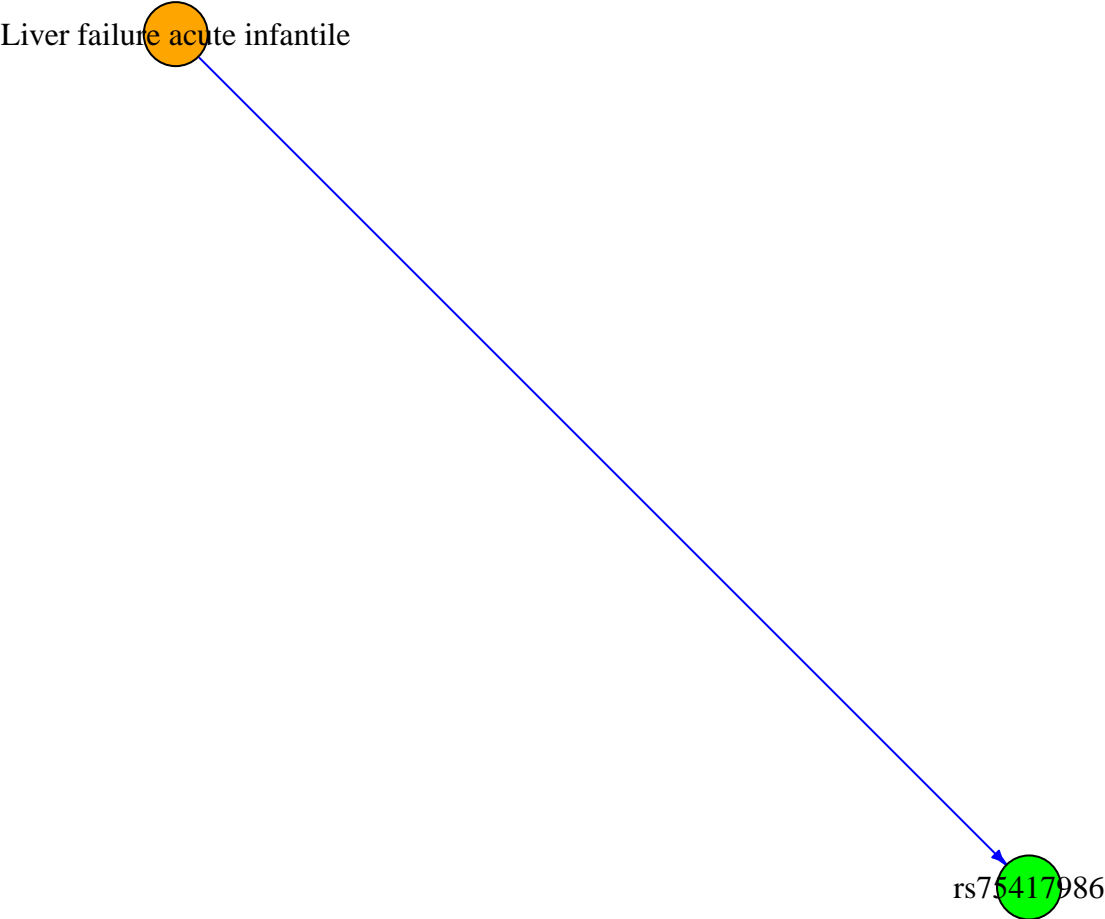
## Variant–Disease Network (Lissencephaly 2)



**Variant–Disease Network (Lissencephaly/Subcortical Band Heterotopia)**



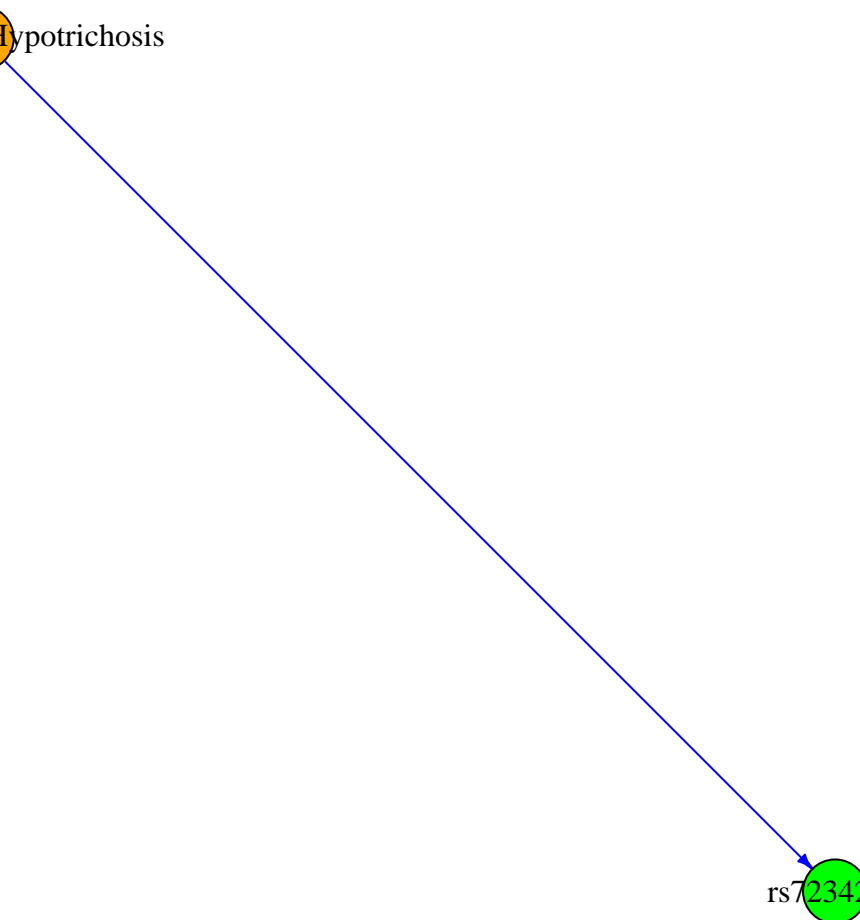
**Variant–Disease Network (Liver failure acute infantile)**



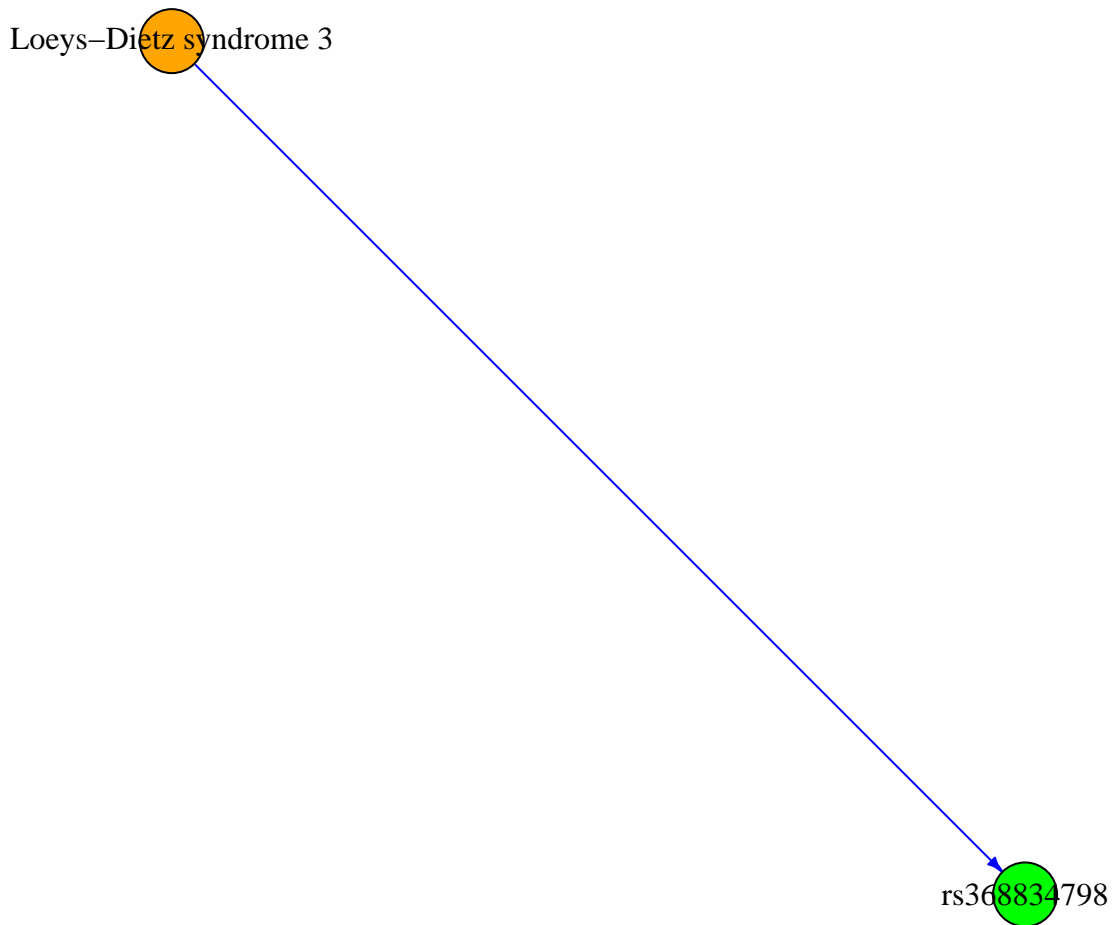
# Variant–Disease Network (Localized AR Hypotrichosis)

Localized AR Hypotrichosis

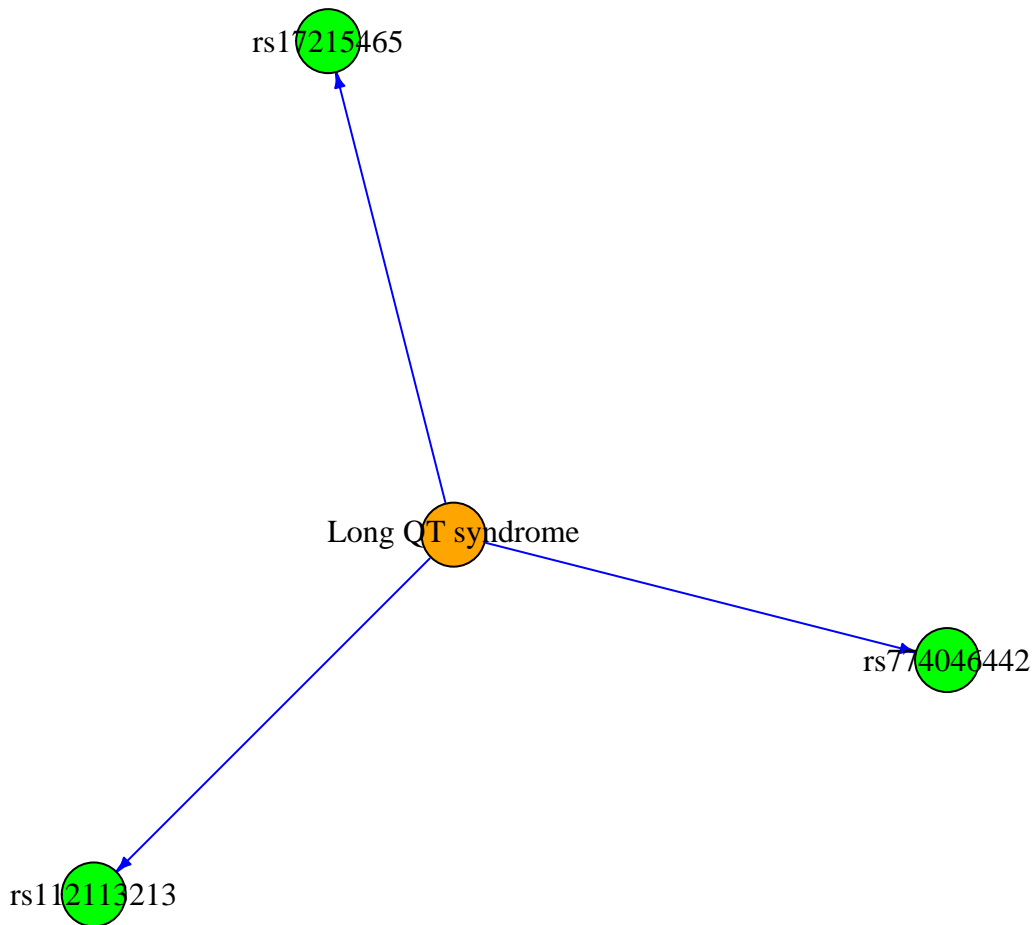
rs7234288



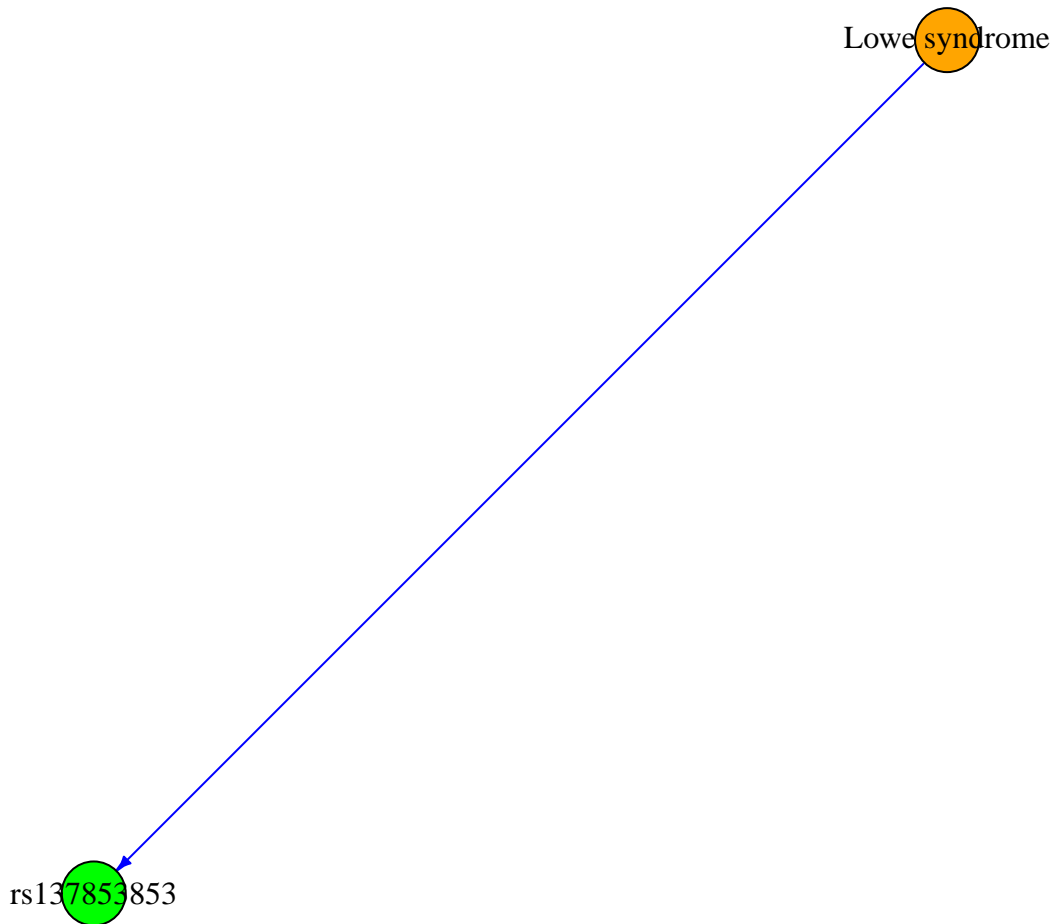
## Variant-Disease Network (Loeys-Dietz syndrome 3)



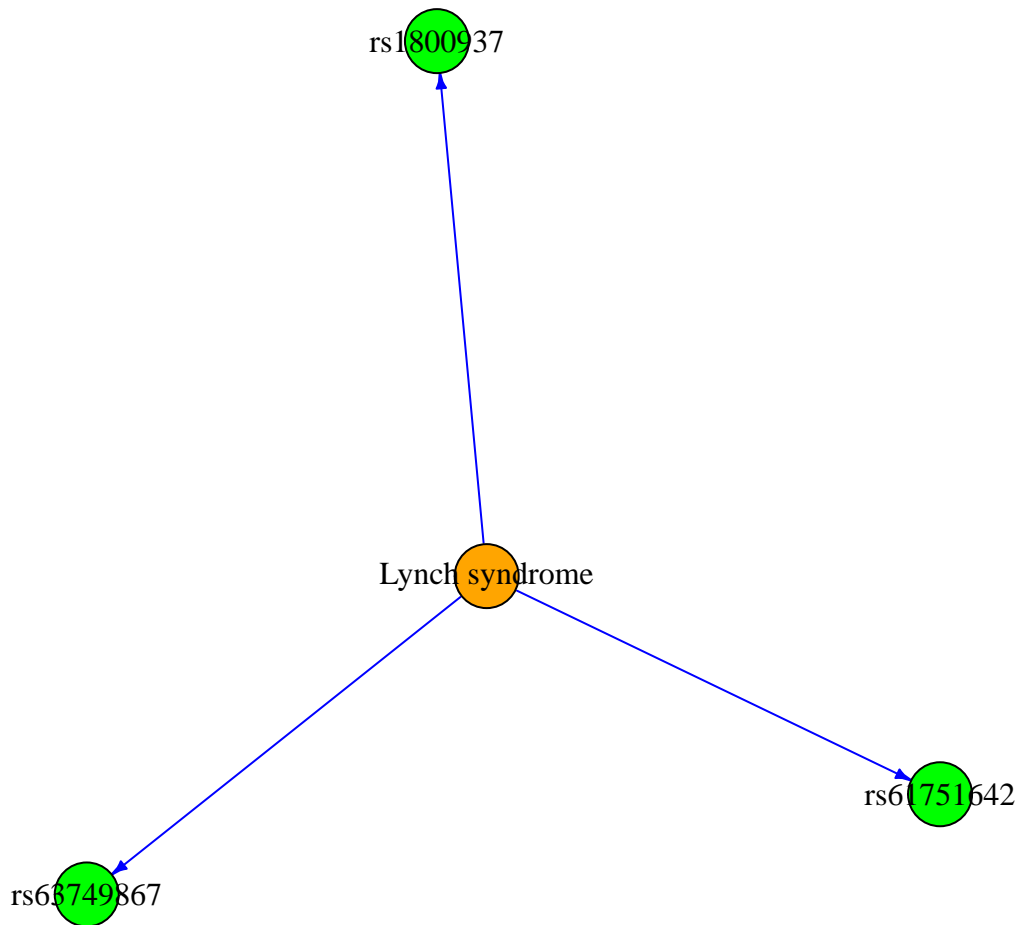
## Variant–Disease Network (Long QT syndrome)



## Variant–Disease Network (Lowe syndrome)

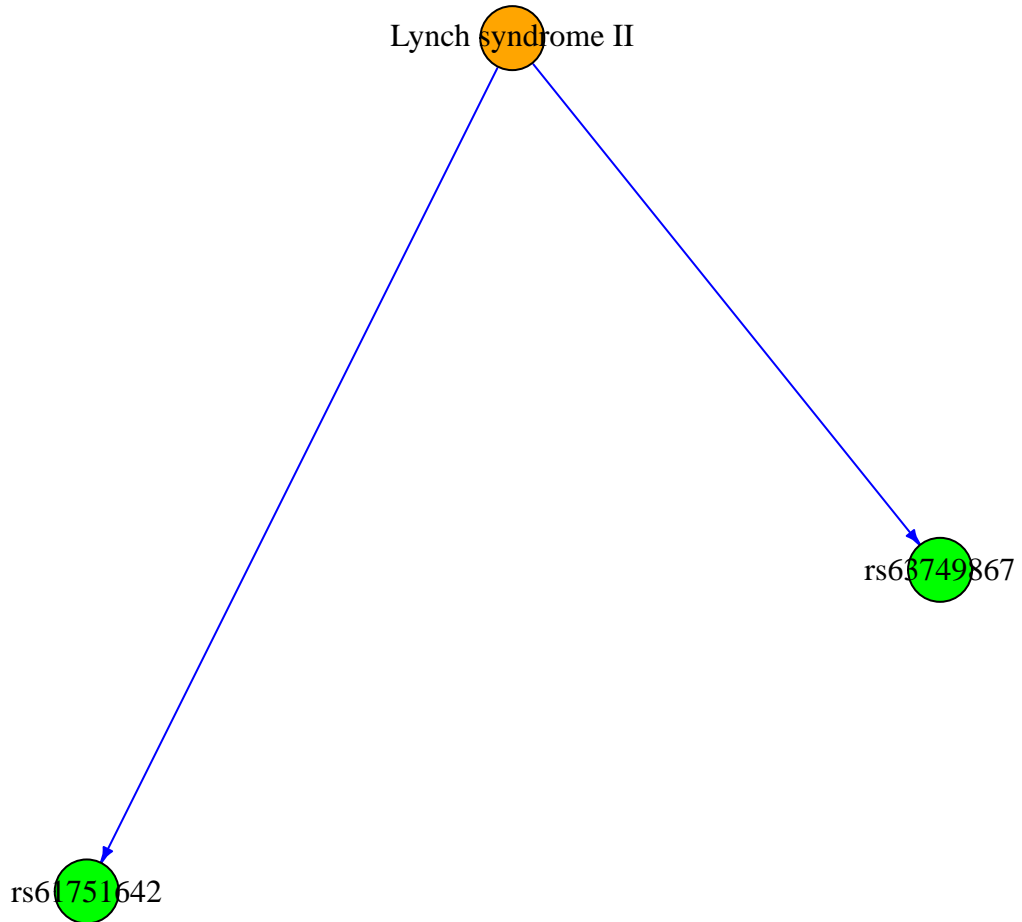


## Variant–Disease Network (Lynch syndrome)

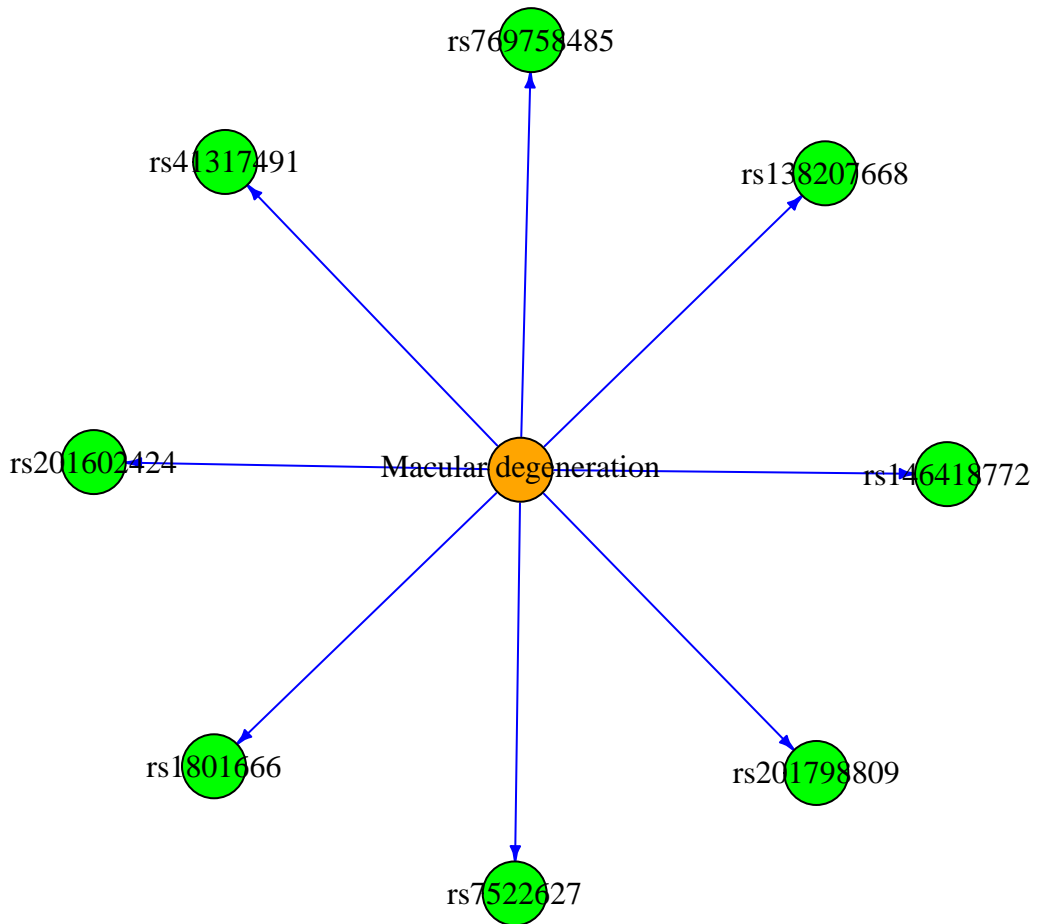




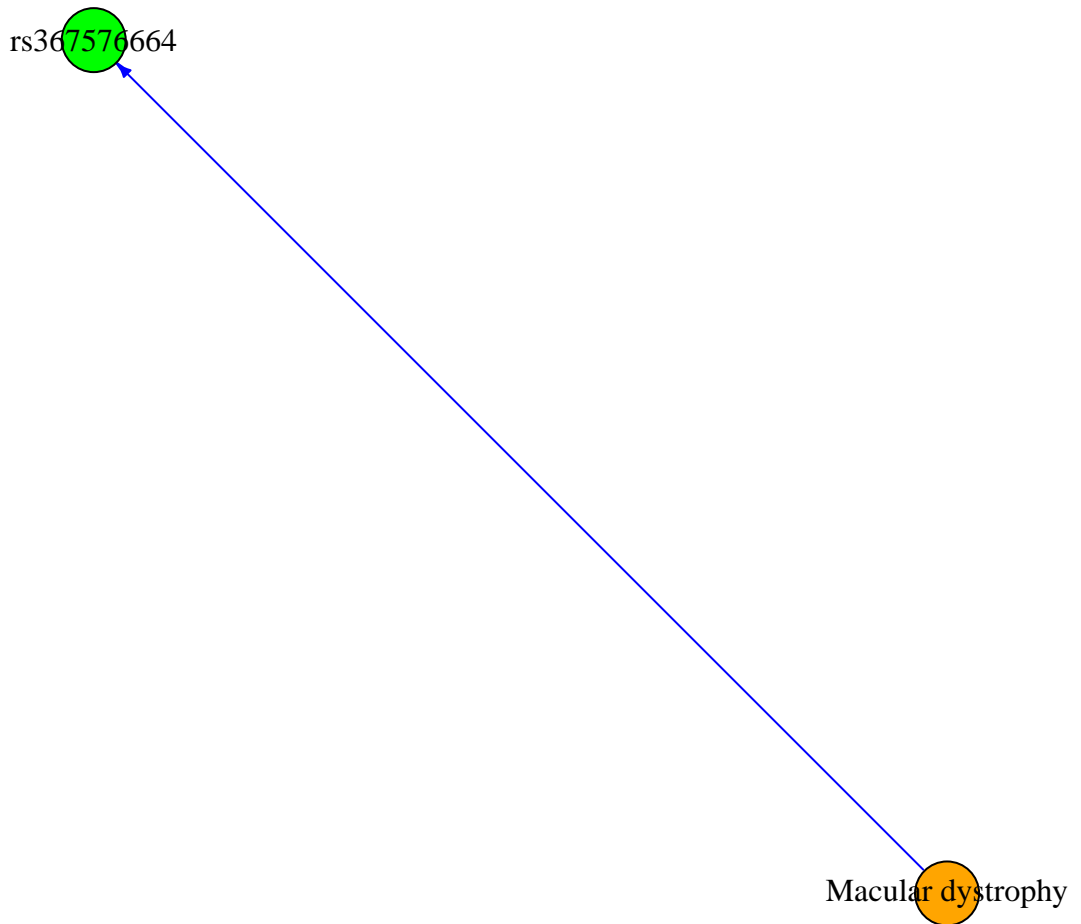
## Variant–Disease Network (Lynch syndrome II)



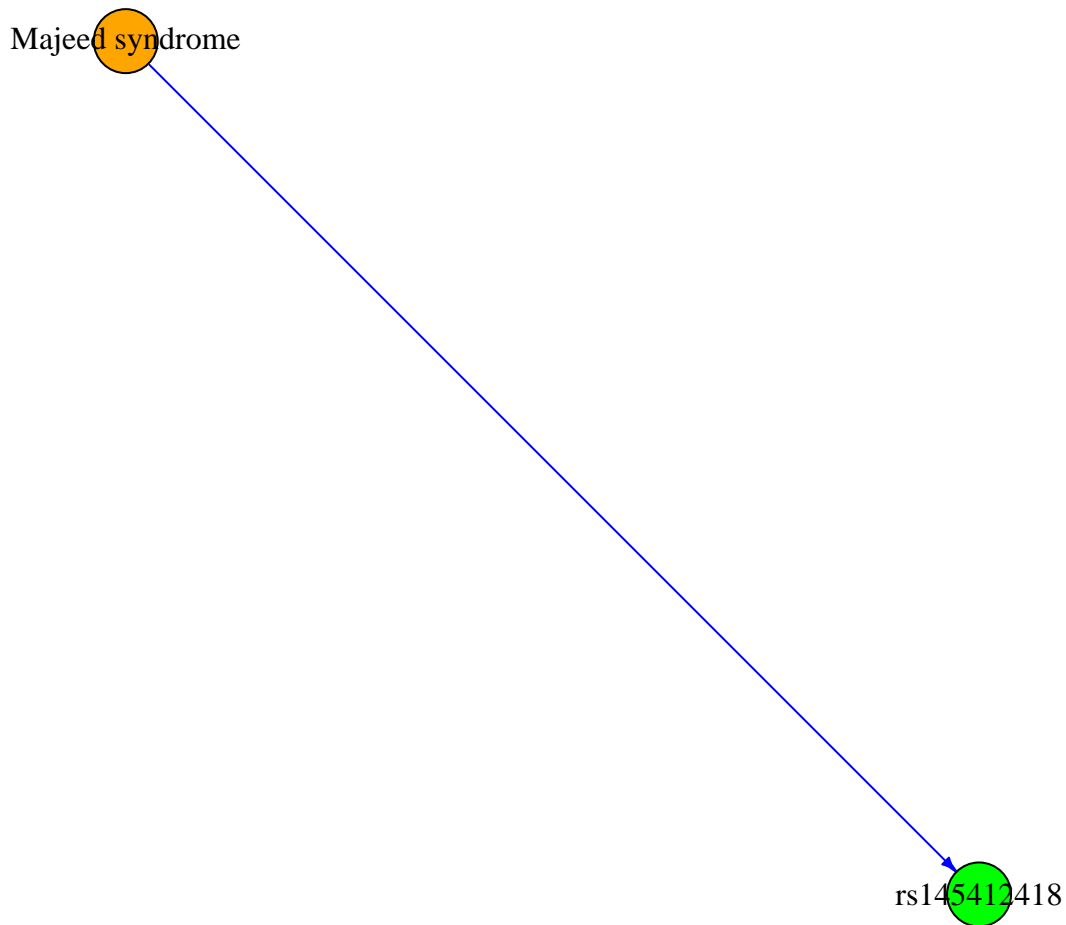
## Variant–Disease Network (Macular degeneration)



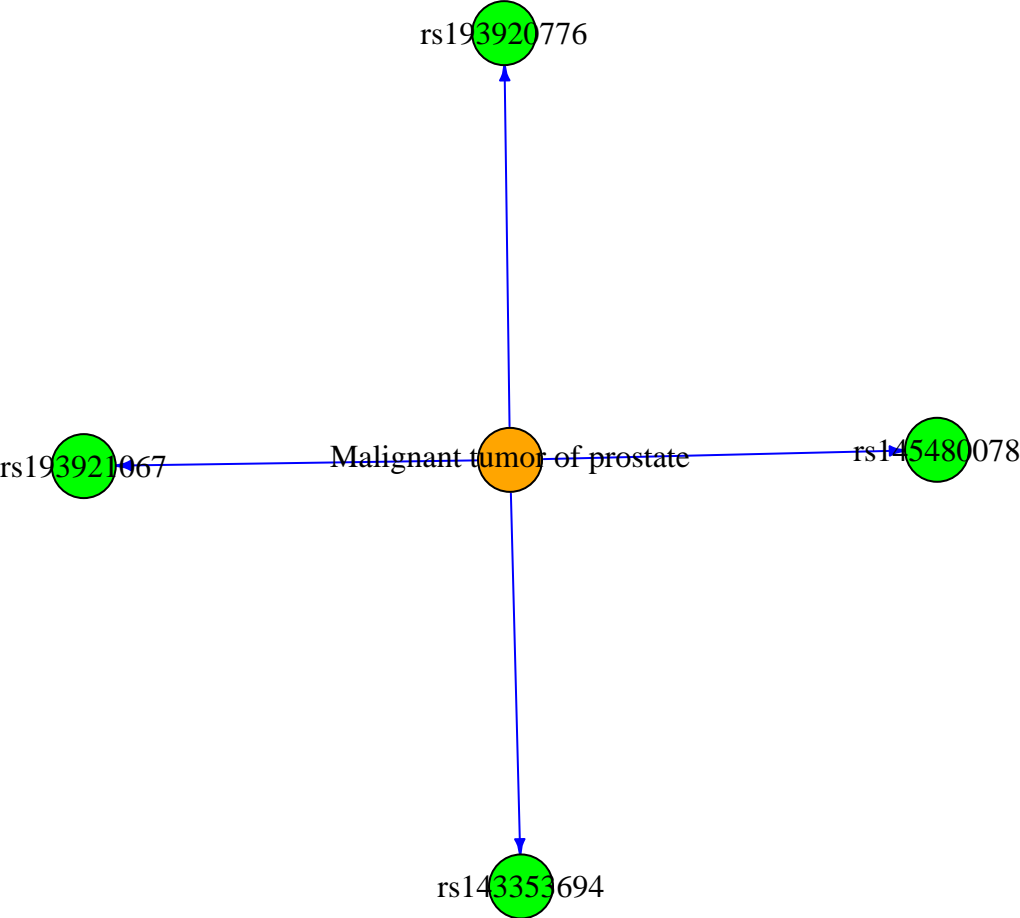
## Variant–Disease Network (Macular dystrophy)



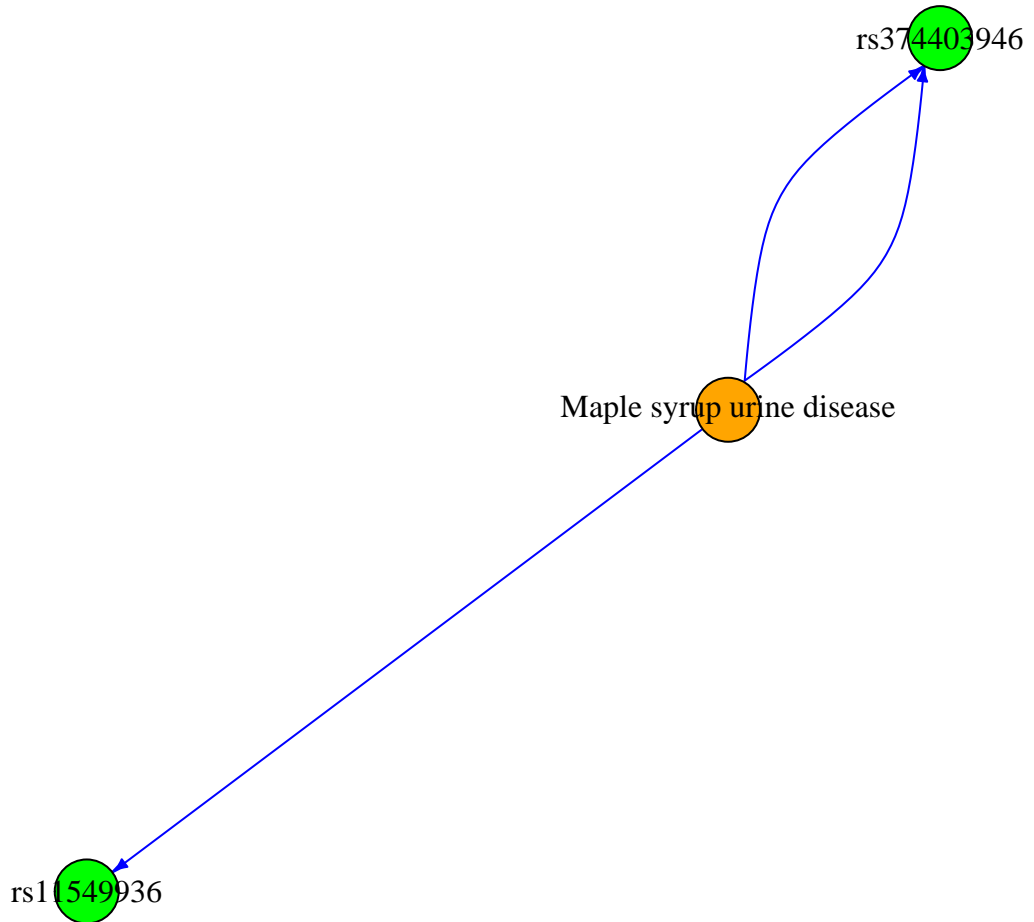
## Variant–Disease Network (Majeed syndrome)



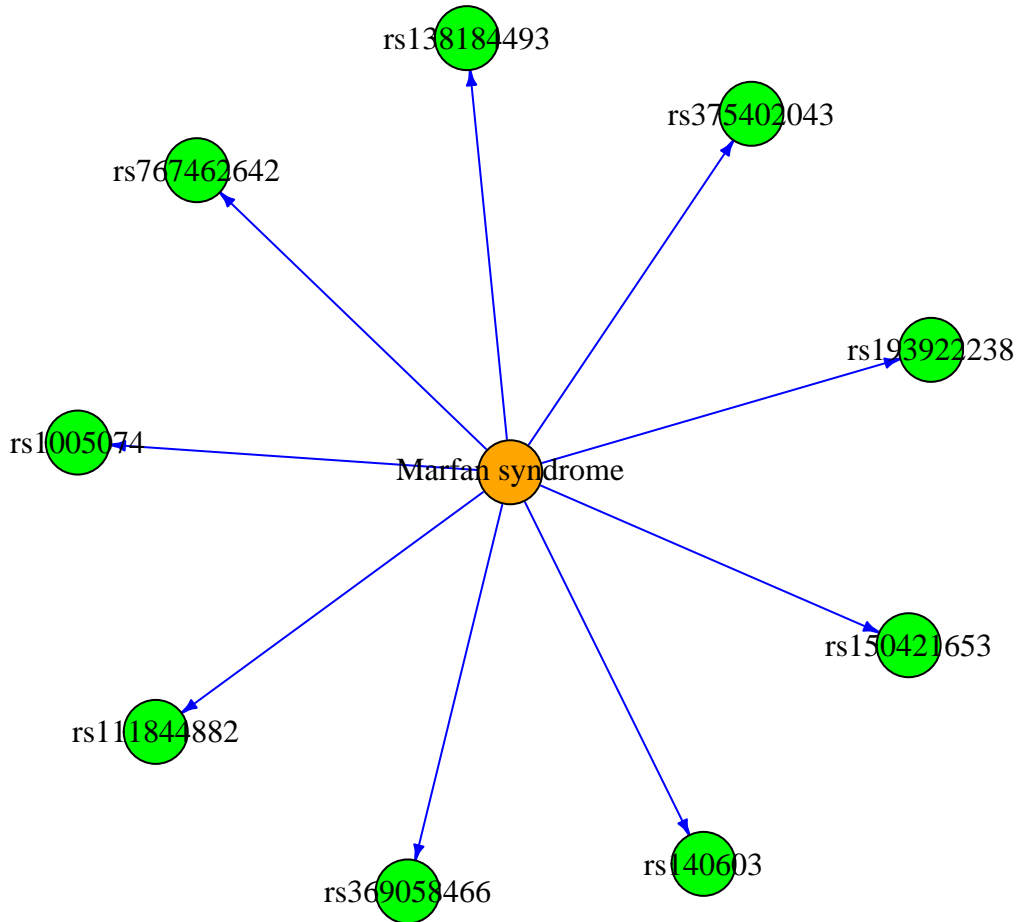
Variant–Disease Network (Malignant tumor of prostate)



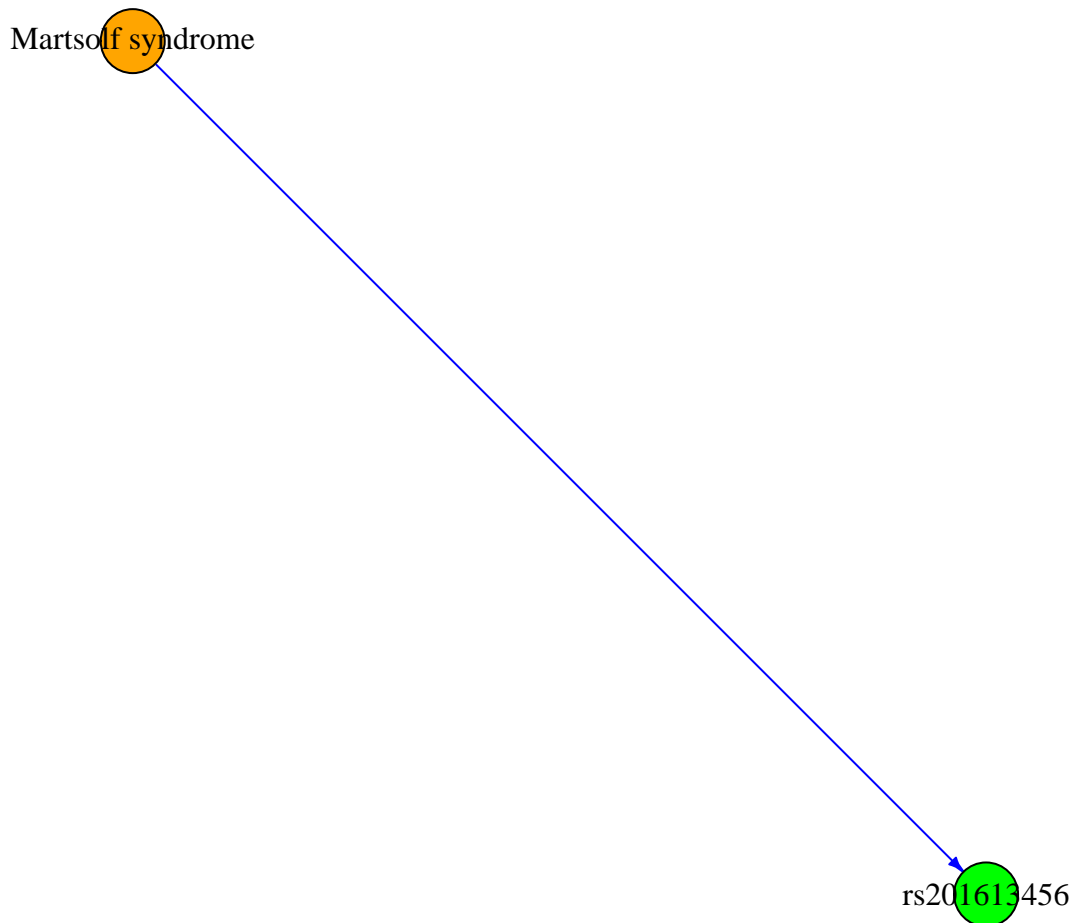
## Variant–Disease Network (Maple syrup urine disease)



## Variant-Disease Network (Marfan syndrome)

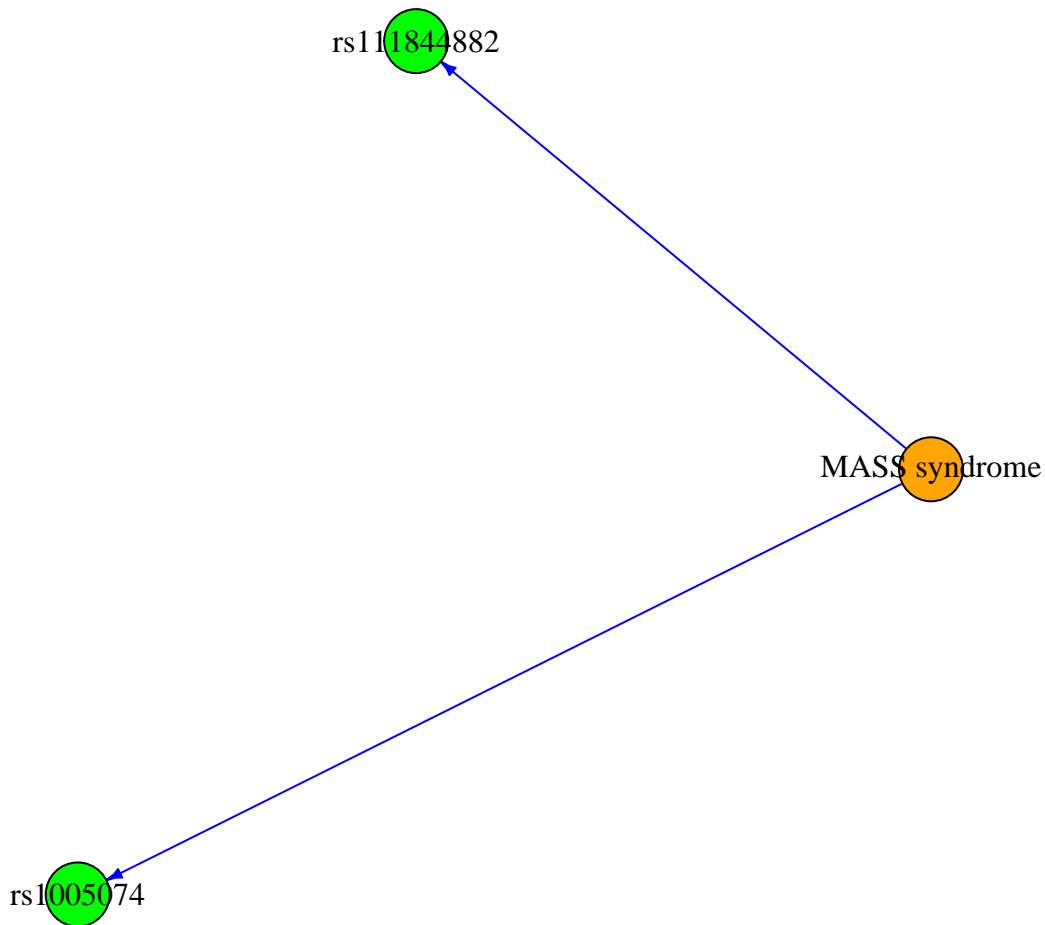


## Variant–Disease Network (Martsolf syndrome)

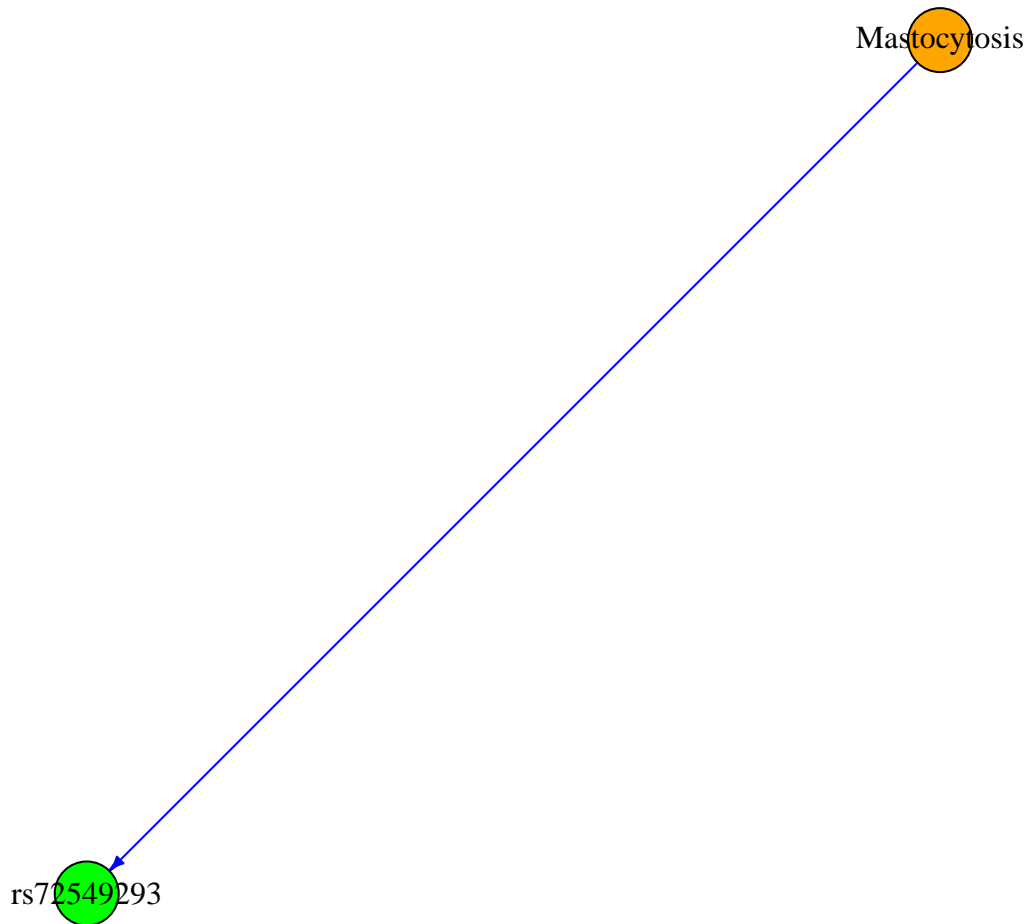




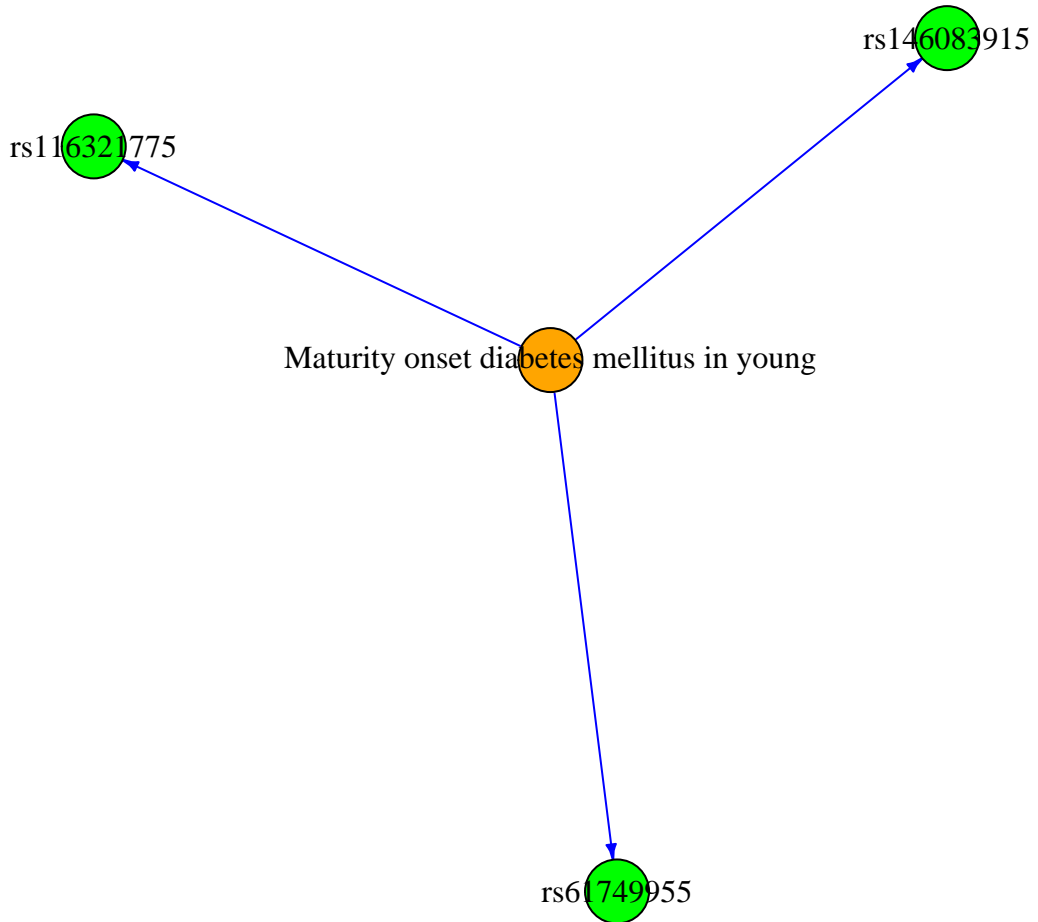
## Variant–Disease Network (MASS syndrome)



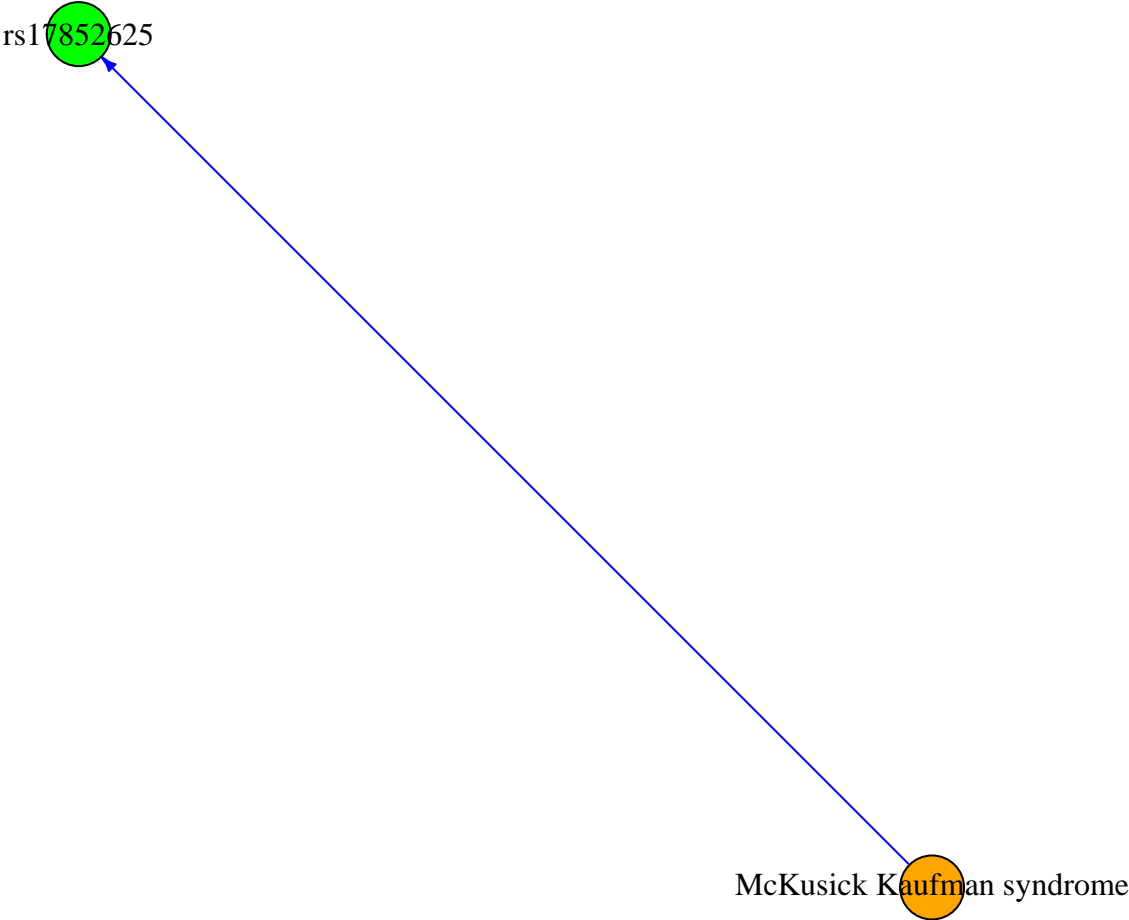
## Variant-Disease Network (Mastocytosis)



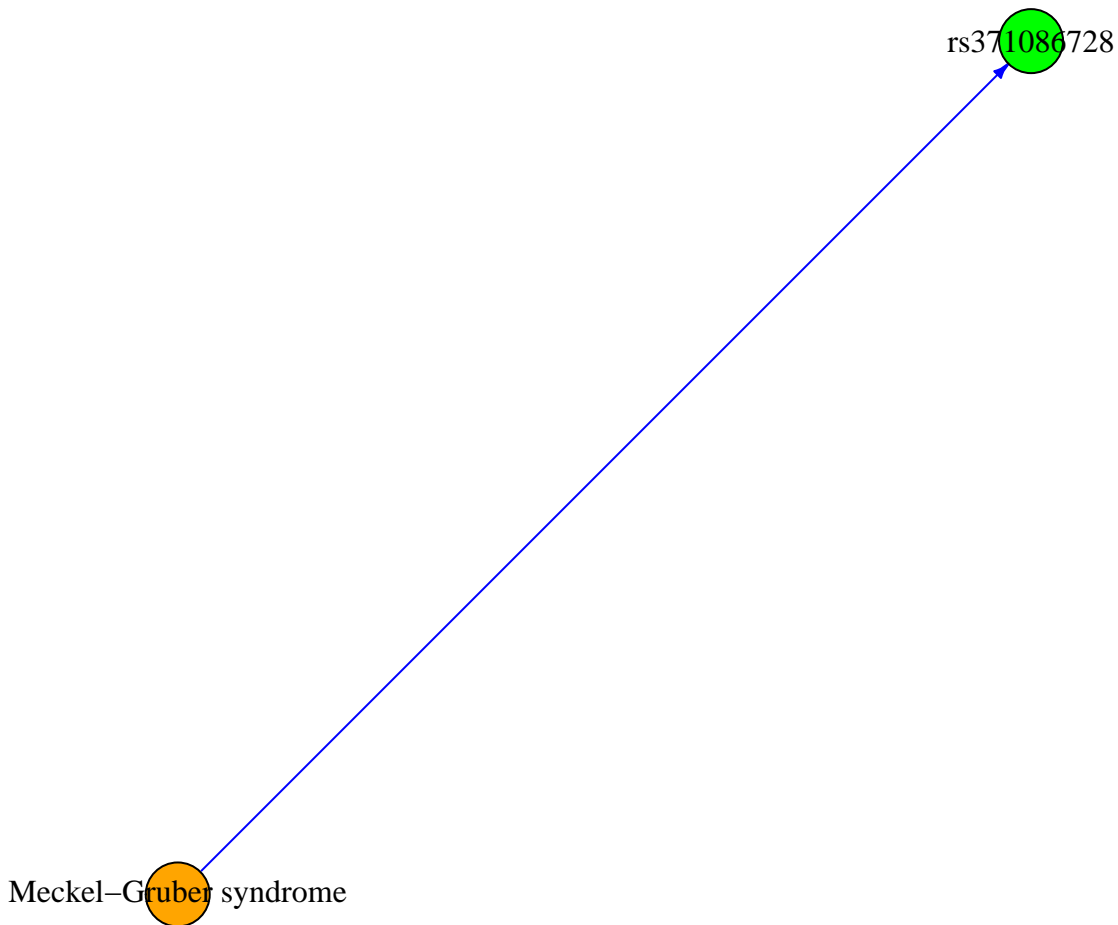
# Variant–Disease Network (Maturity onset diabetes mellitus in young)



Variant–Disease Network (McKusick Kaufman syndrome)



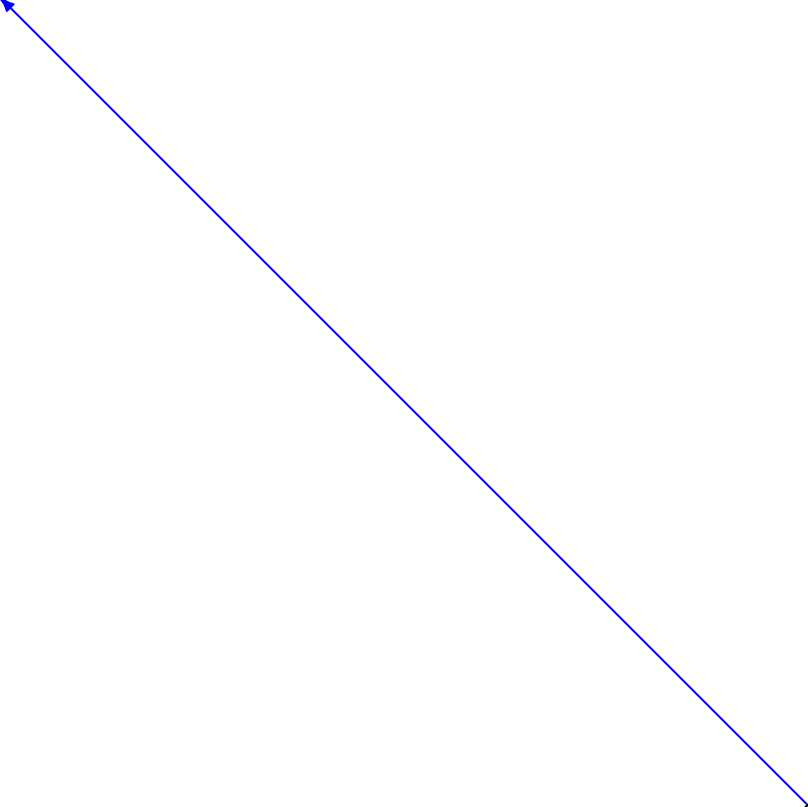
## Variant–Disease Network (Meckel–Gruber syndrome)



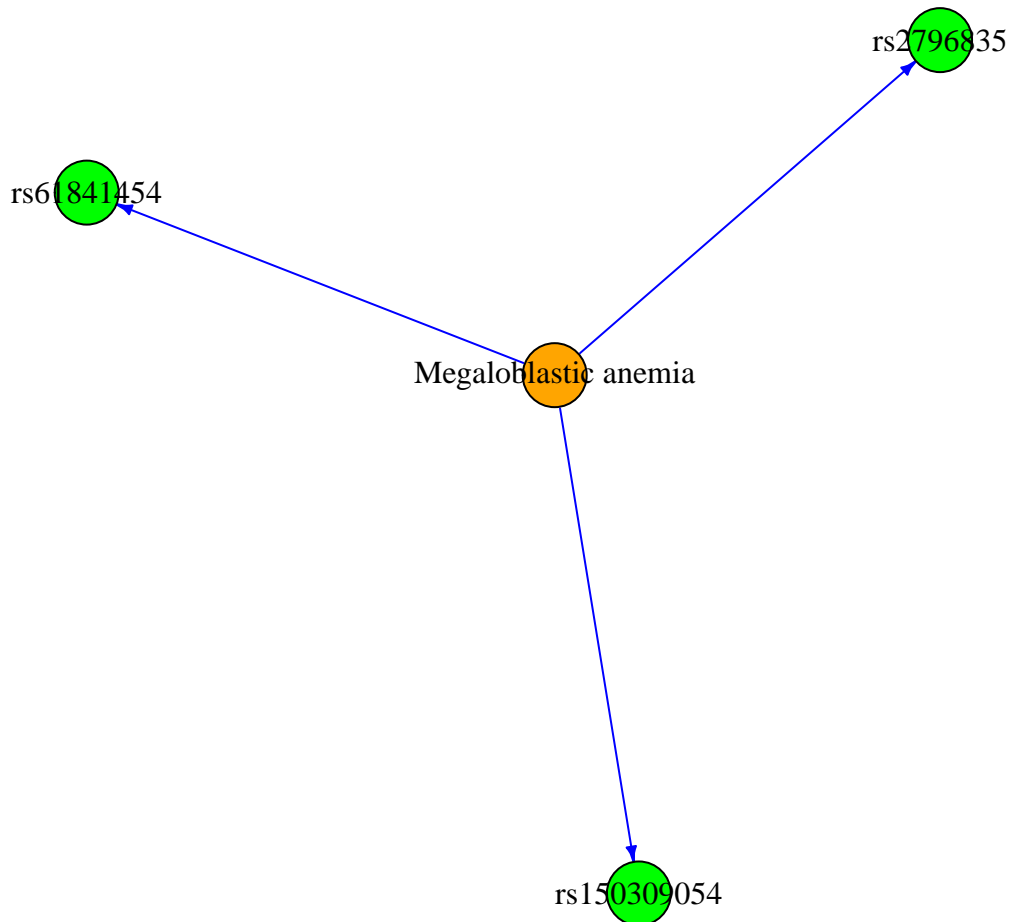
# sease Network (Megalencephaly–polymicrogyria–polydactyly–hydrocephalus)

rs201347487

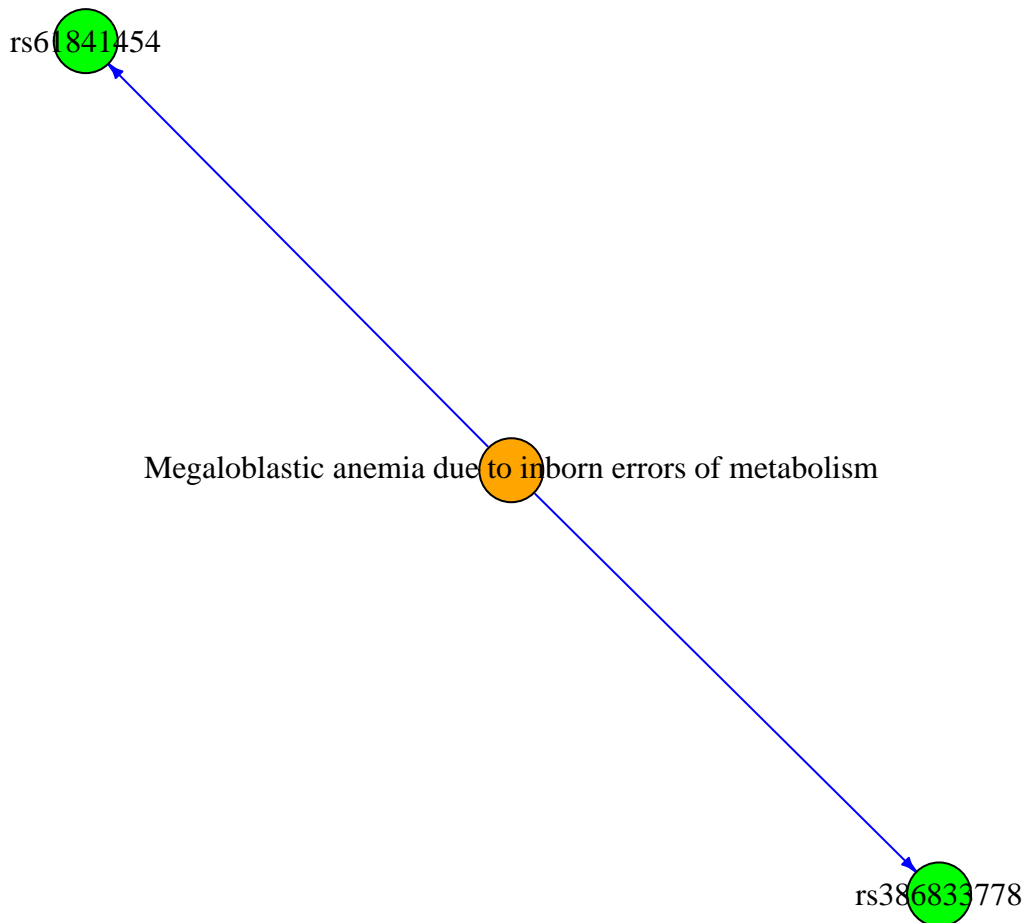
Megalencephaly–polymicrogyria–polydactyly–hydrocephalus



## Variant–Disease Network (Megaloblastic anemia)

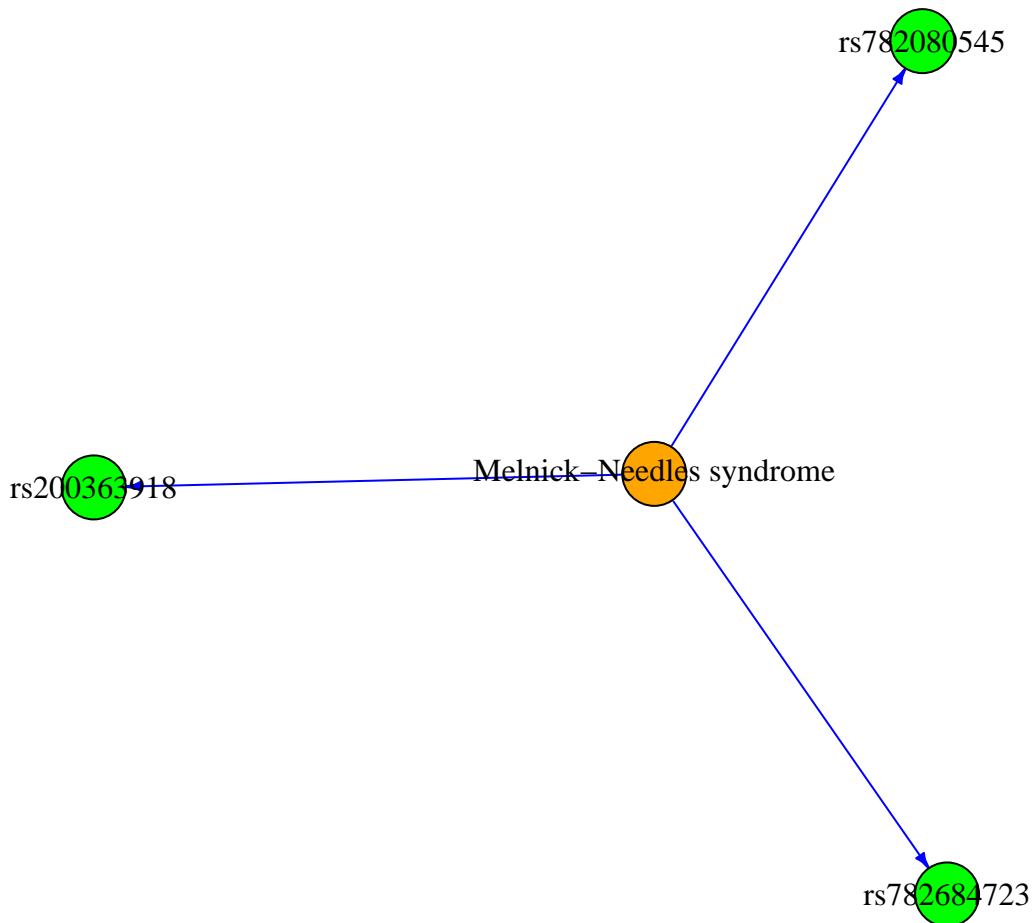


# Variant-Disease Network (Megaloblastic anemia due to inborn errors of metab

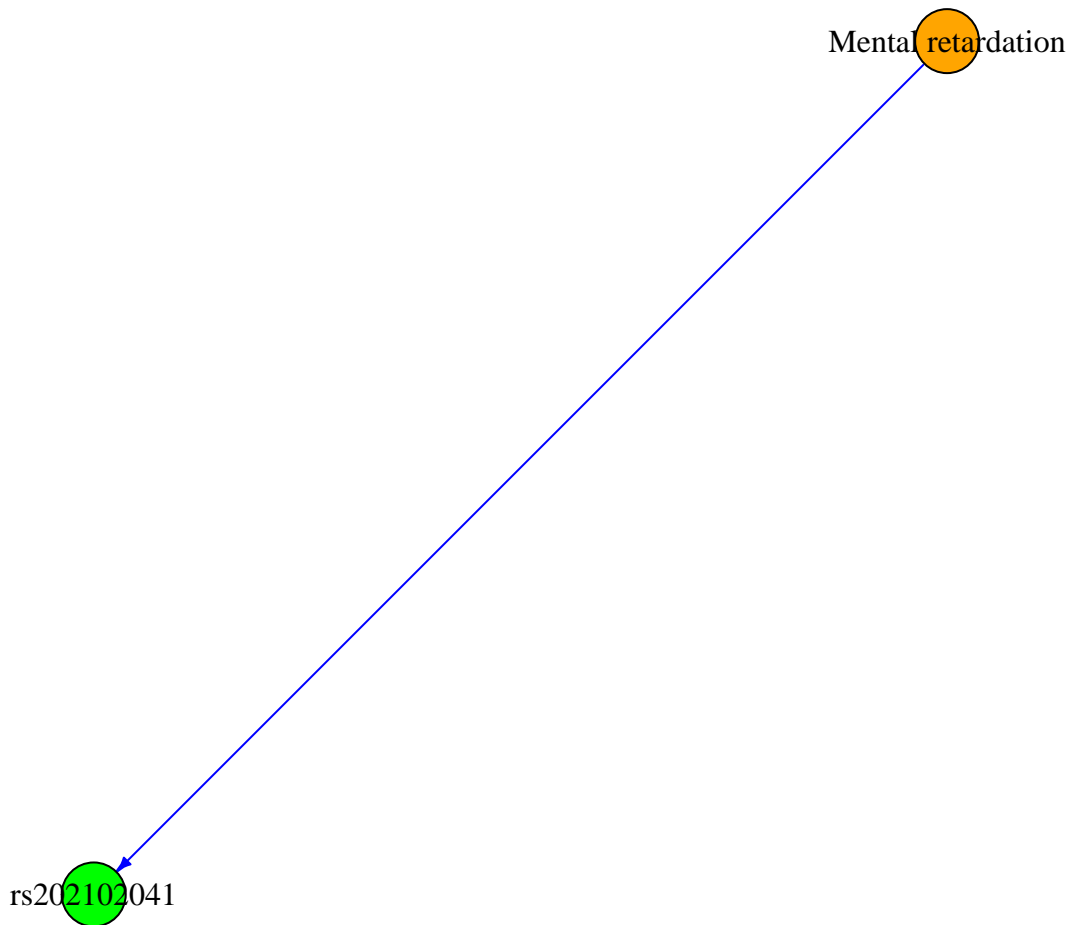




## Variant–Disease Network (Melnick–Needles syndrome)



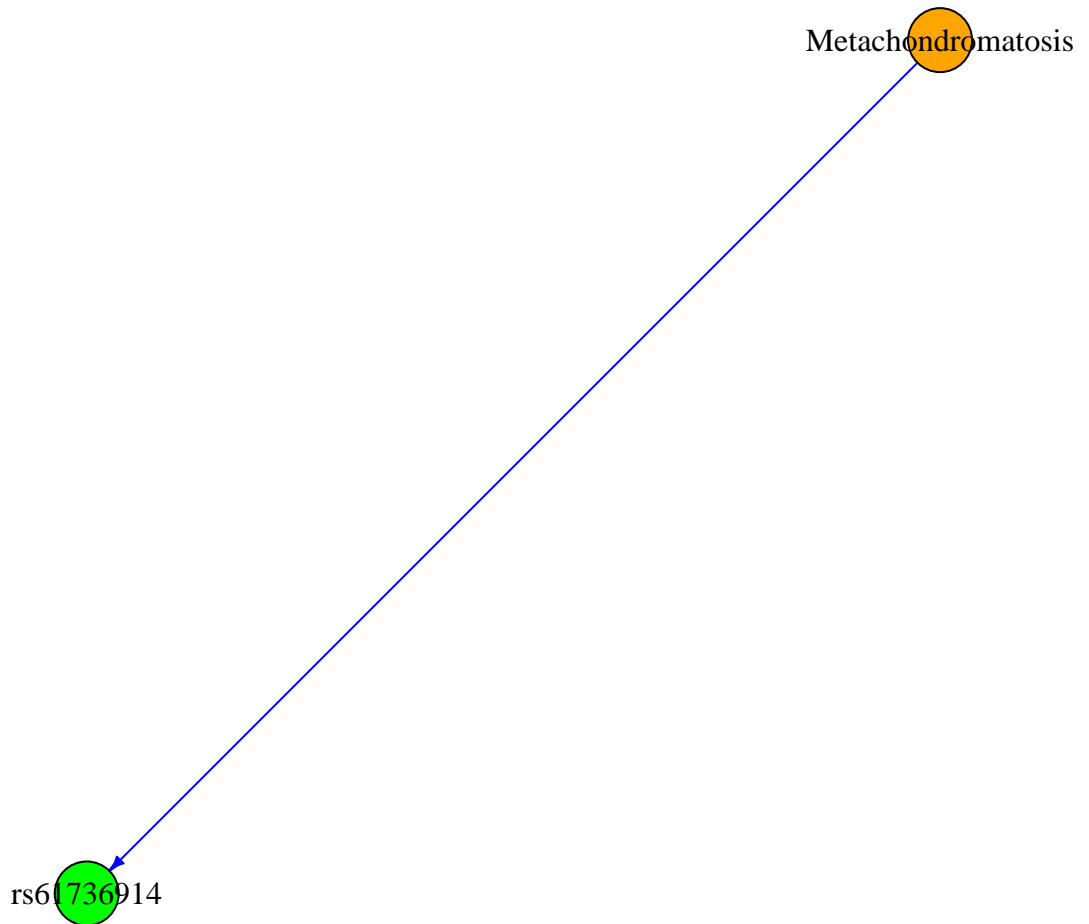
## Variant–Disease Network (Mental retardation)



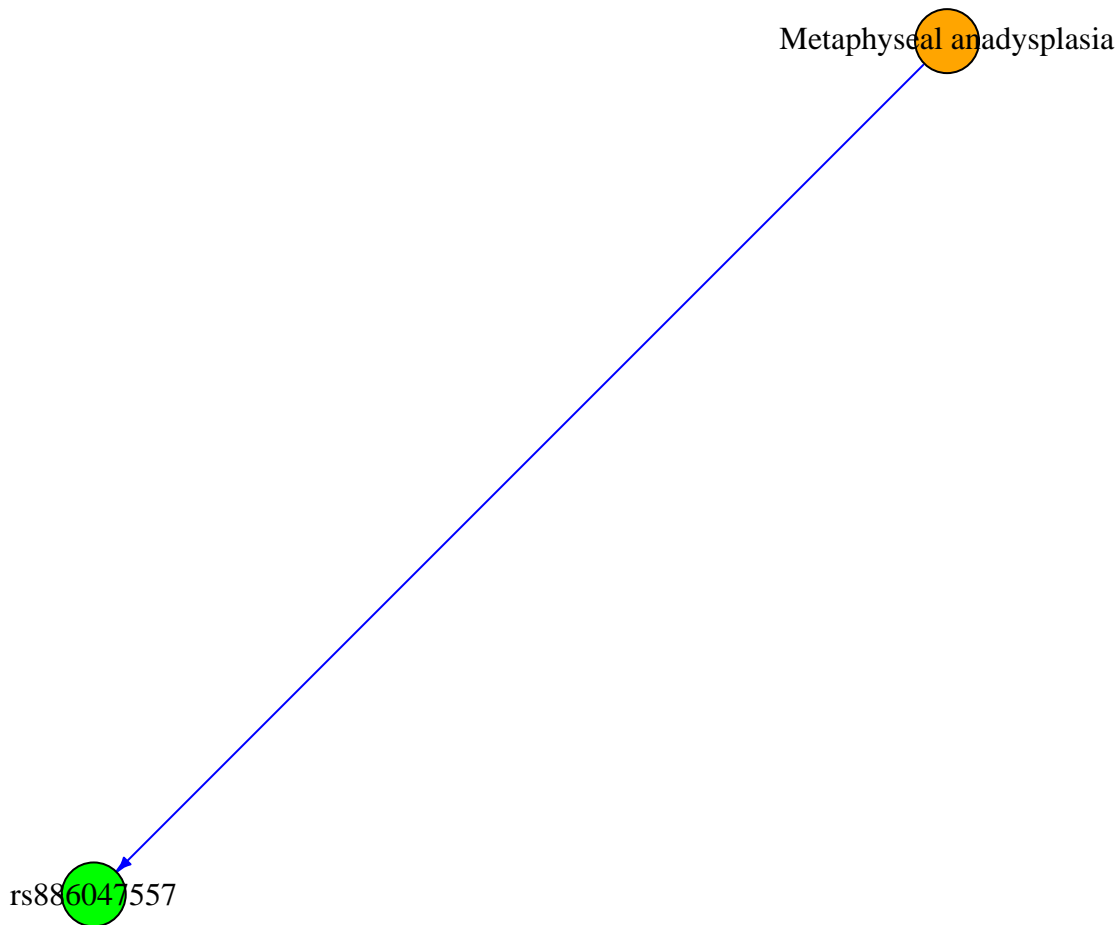
# Network (Mental retardation X-linked with cerebellar hypoplasia and distinct



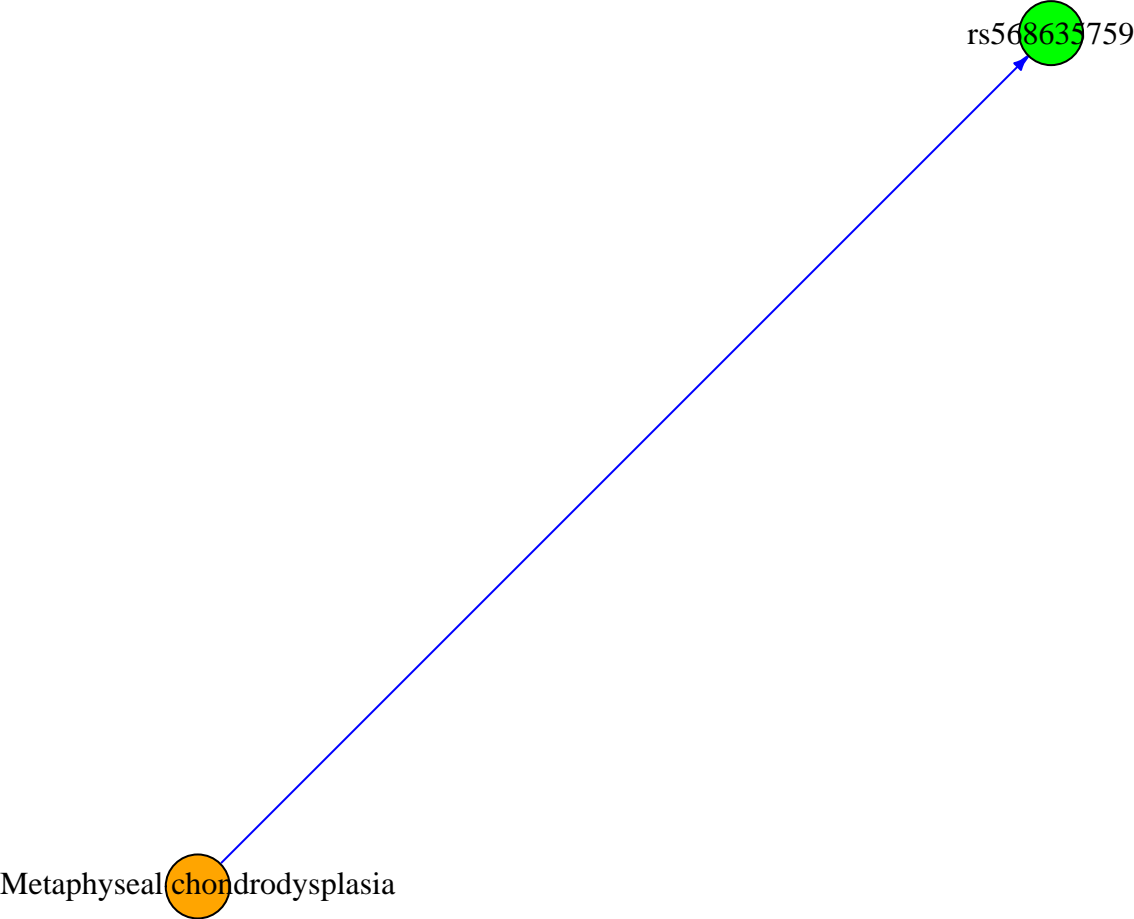
## Variant-Disease Network (Metachondromatosis)



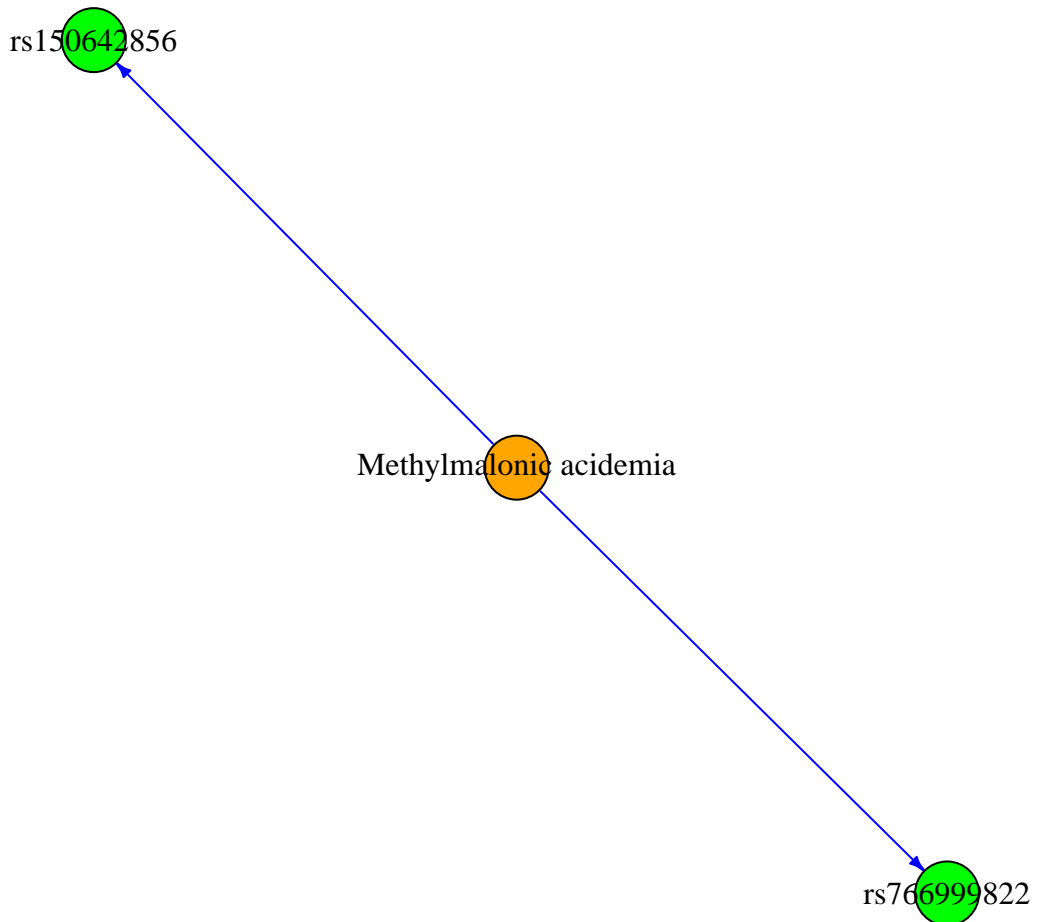
# Variant–Disease Network (Metaphyseal anadysplasia)



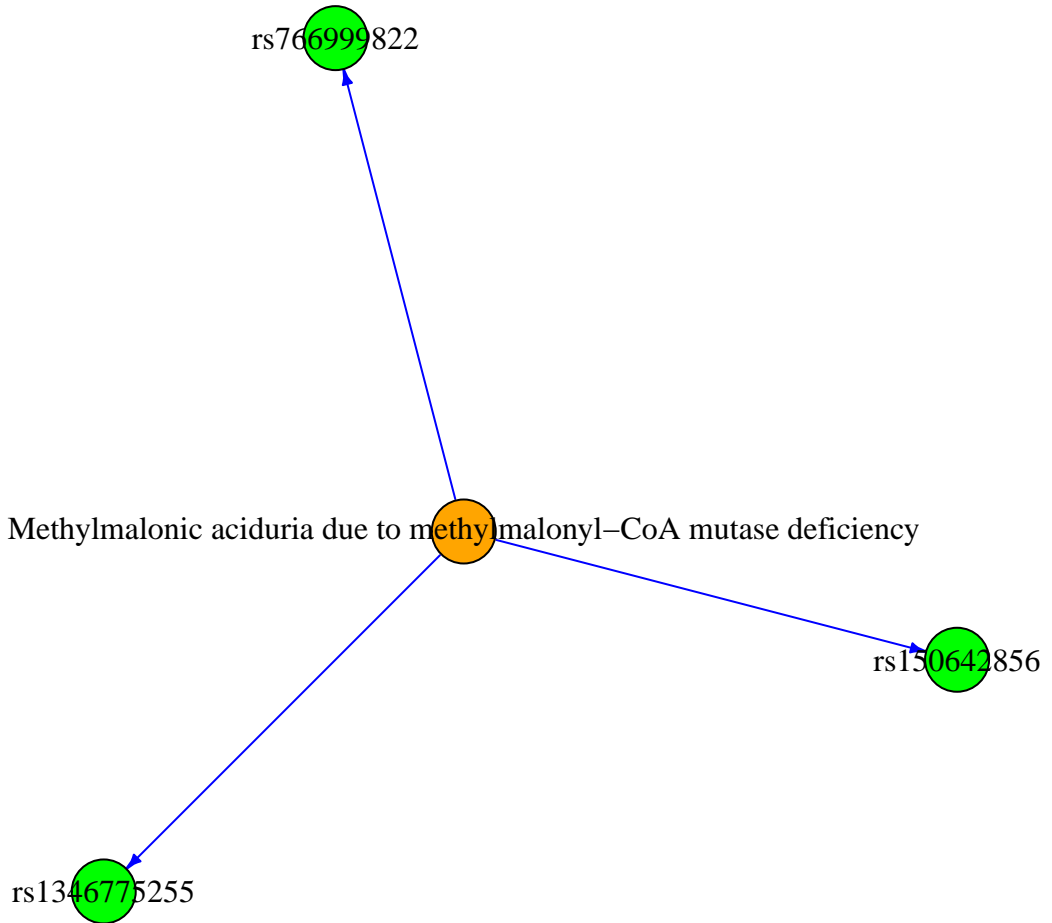
Variant–Disease Network (Metaphyseal chondrodysplasia)



## Variant–Disease Network (Methylmalonic acidemia)

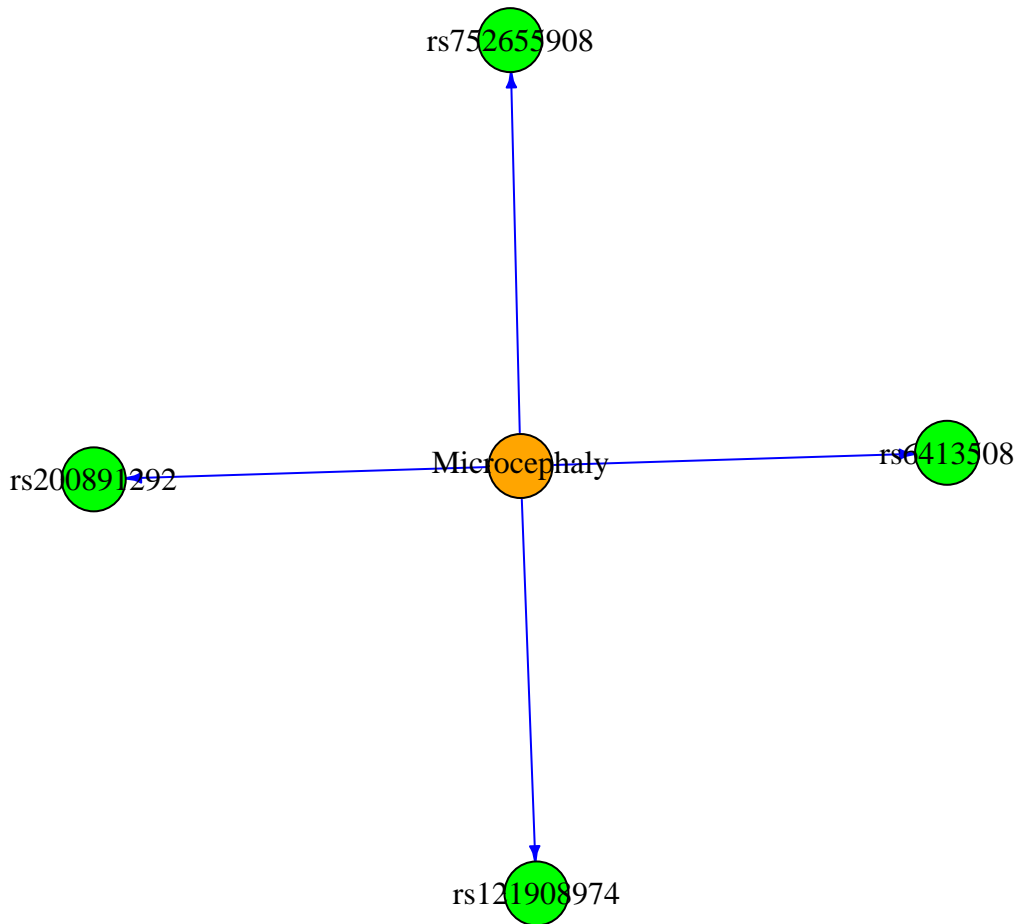


# Disease Network (Methylmalonic aciduria due to methylmalonyl-CoA mutase deficiency)

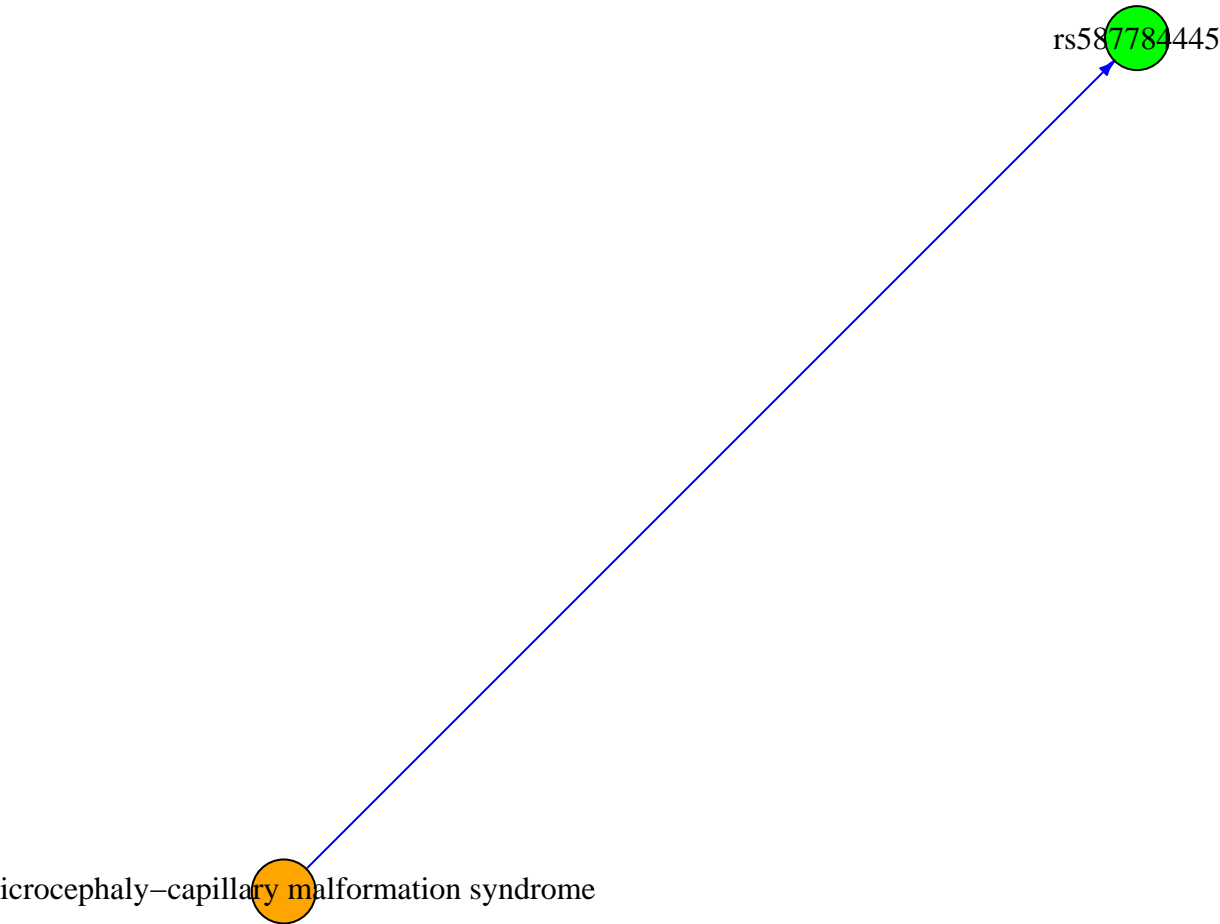




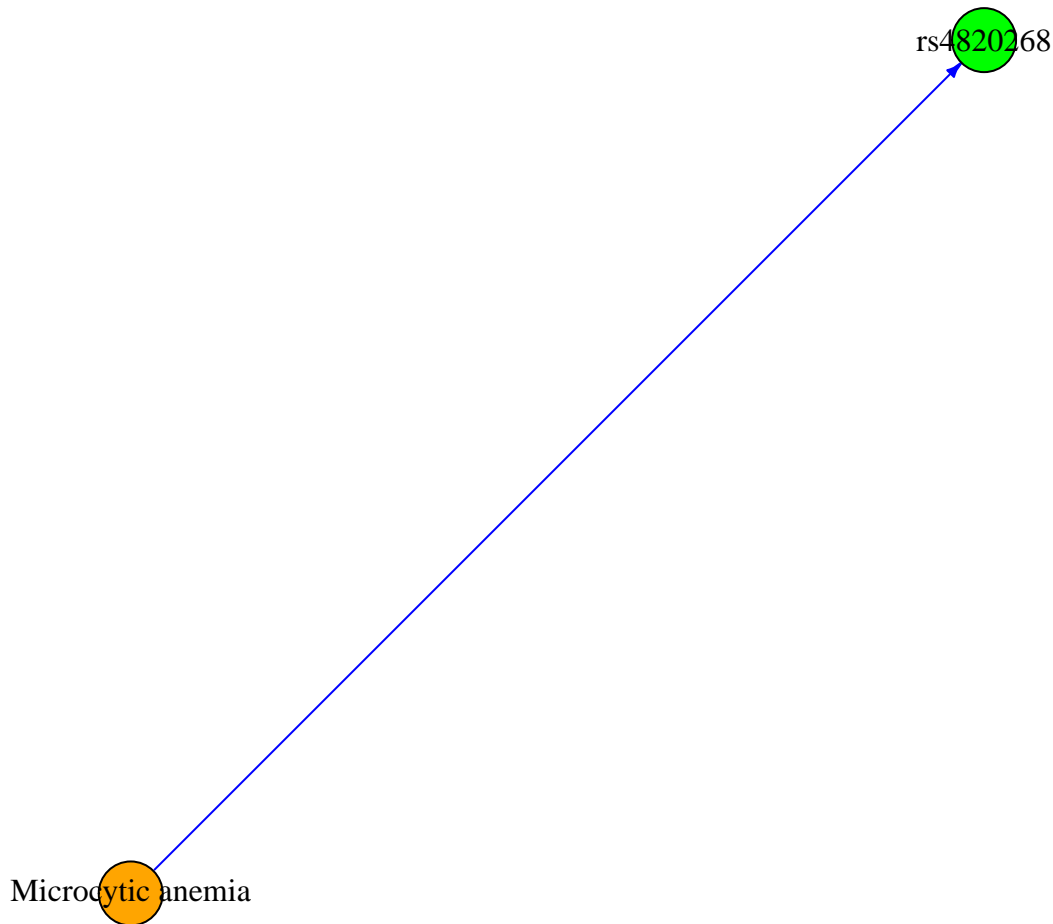
## Variant-Disease Network (Microcephaly)



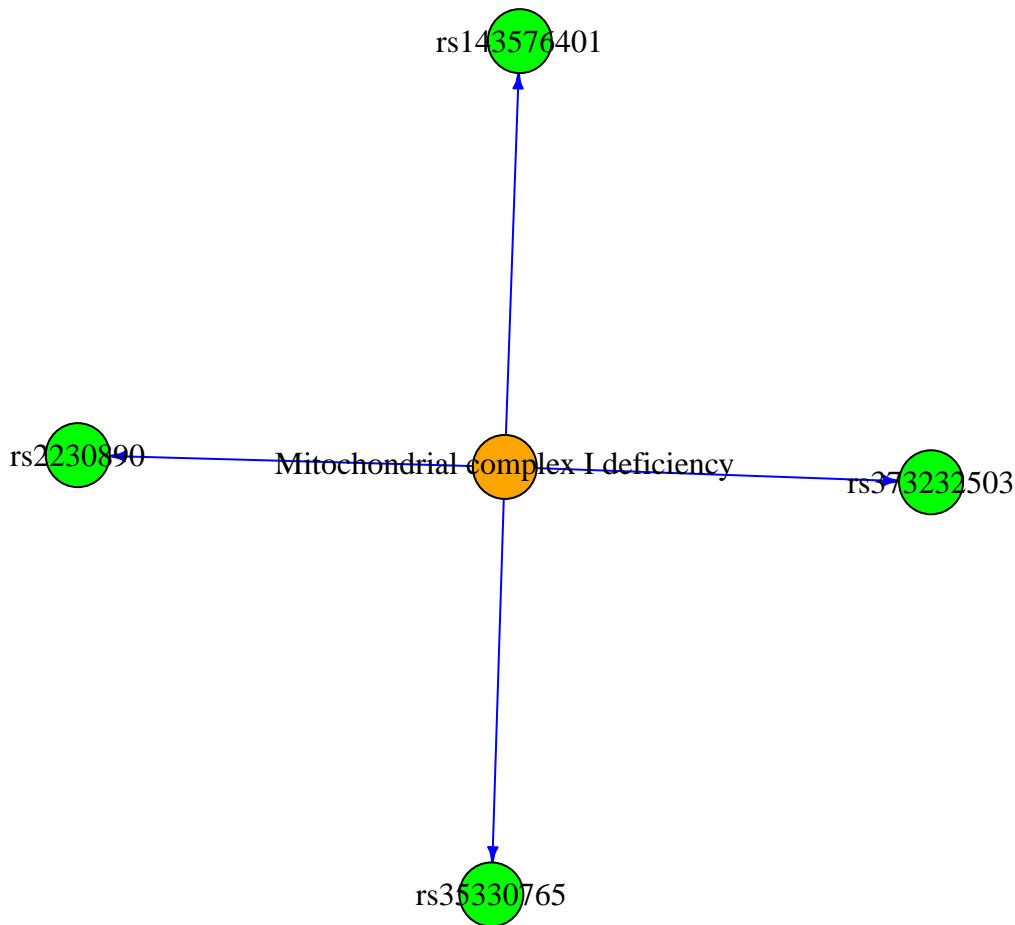
Variant–Disease Network (Microcephaly–capillary malformation syndrome)



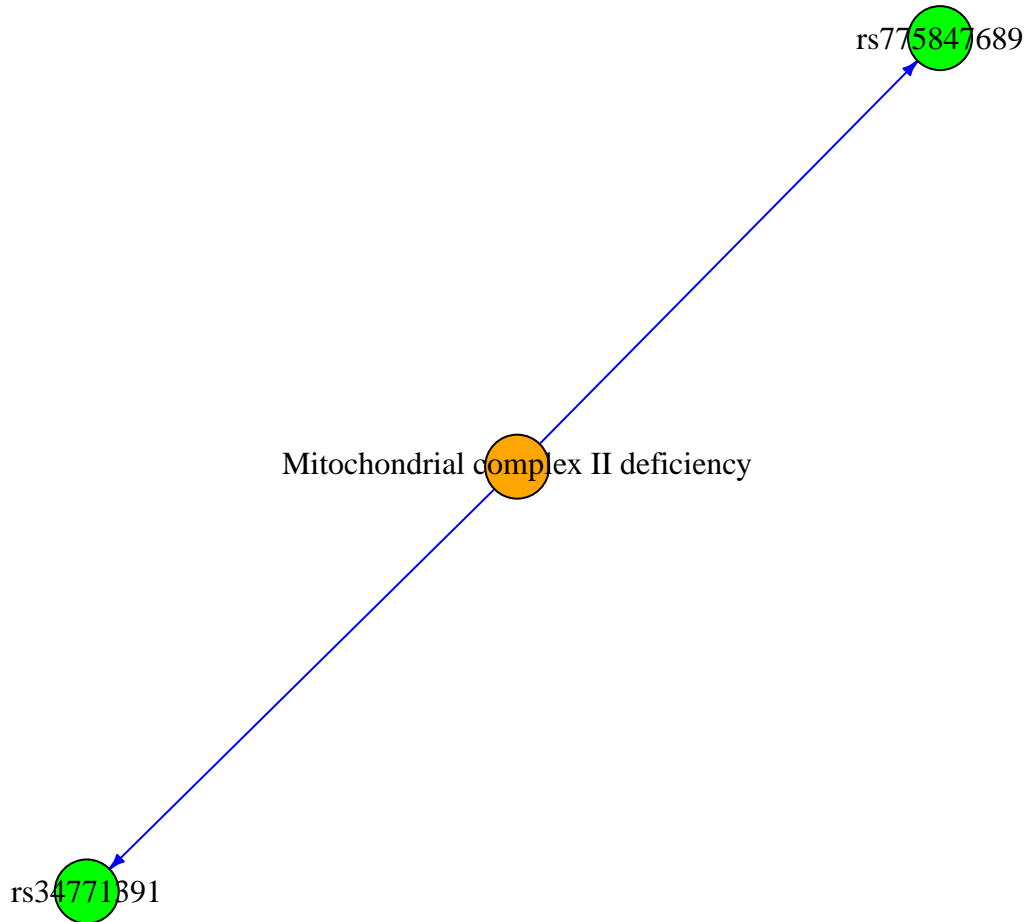
## Variant–Disease Network (Microcytic anemia)



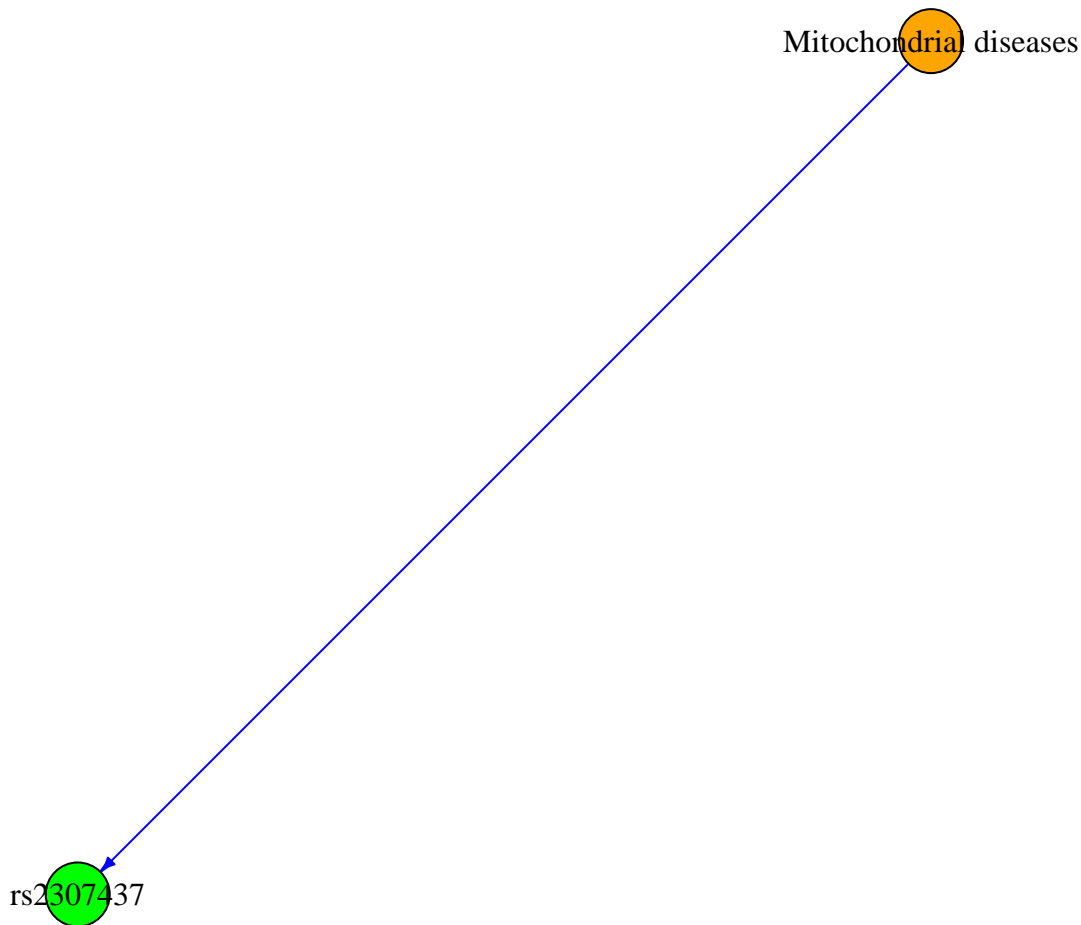
## Variant–Disease Network (Mitochondrial complex I deficiency)



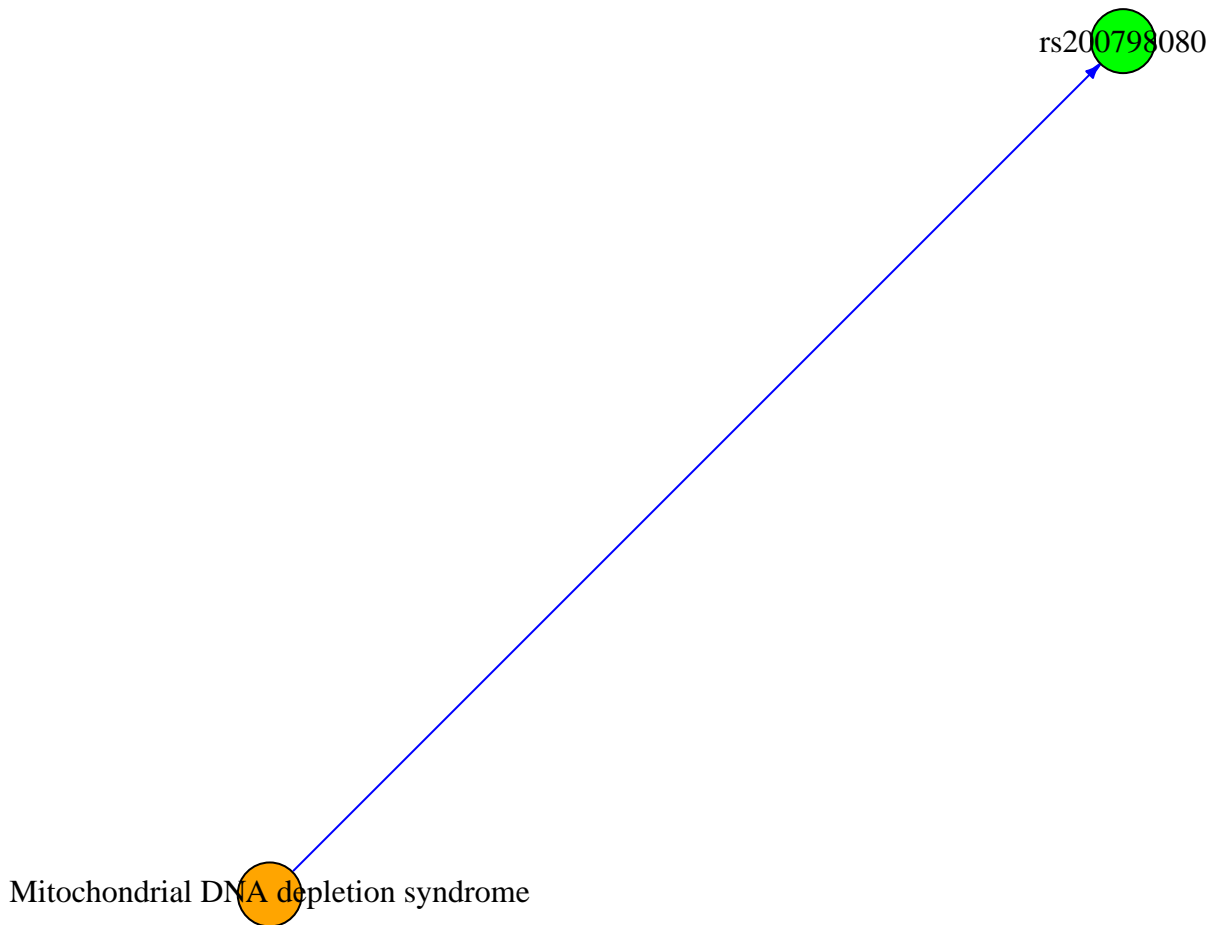
## Variant–Disease Network (Mitochondrial complex II deficiency)



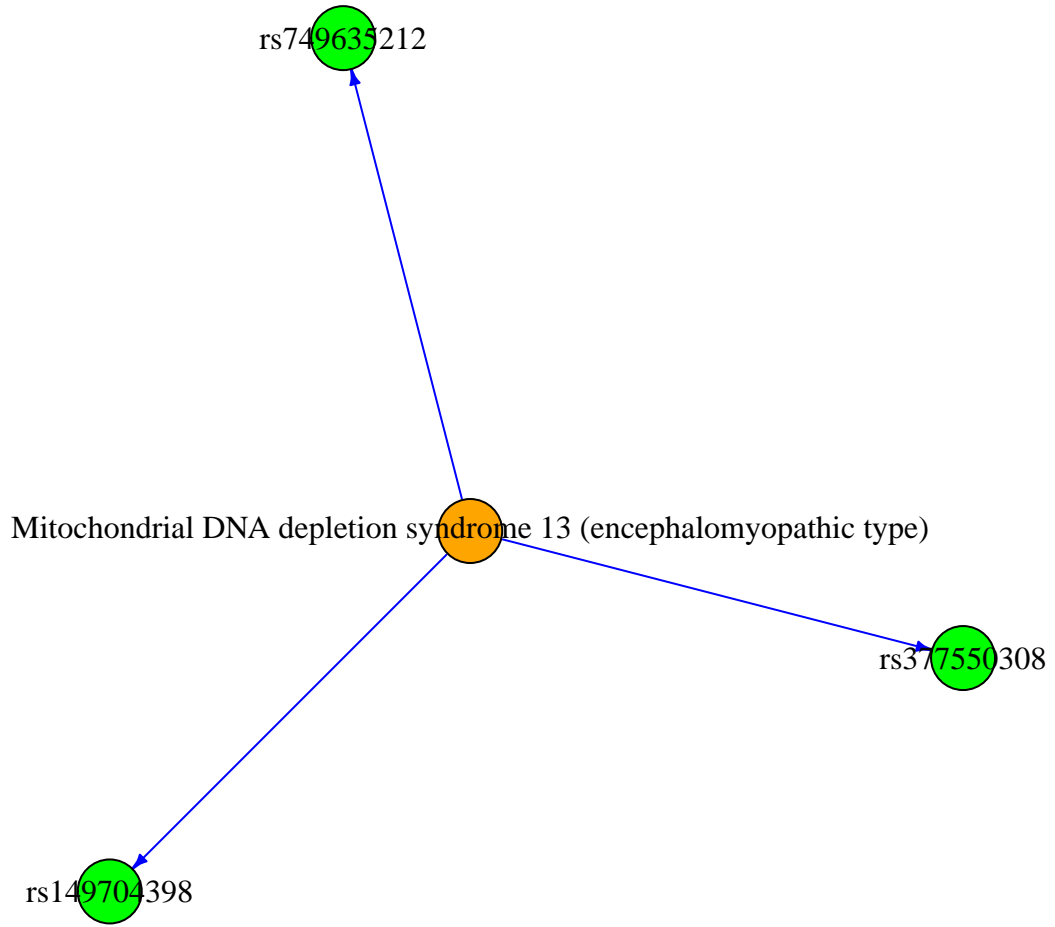
## Variant–Disease Network (Mitochondrial diseases)



# Variant–Disease Network (Mitochondrial DNA depletion syndrome)

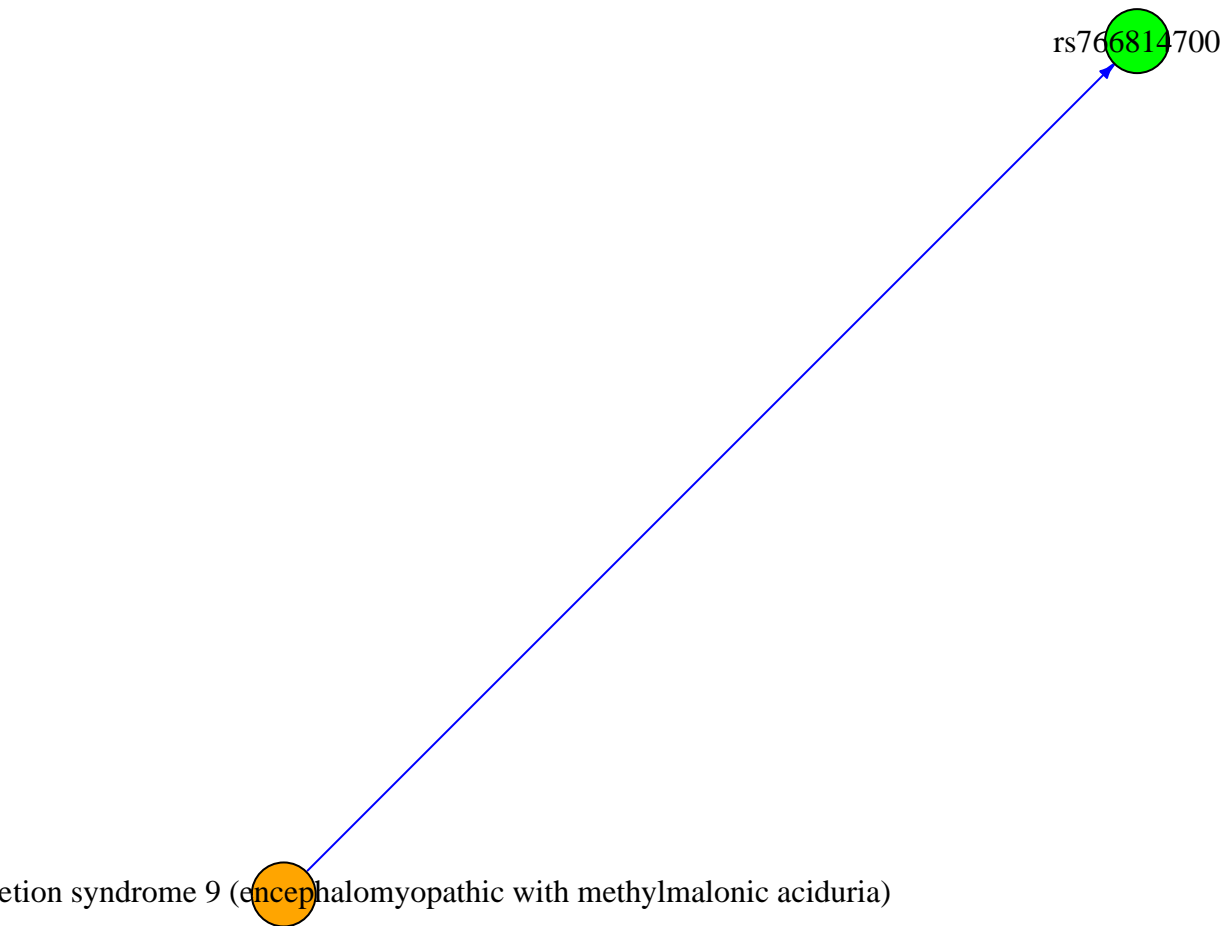


# Disease Network (Mitochondrial DNA depletion syndrome 13 (encephalomyopathy





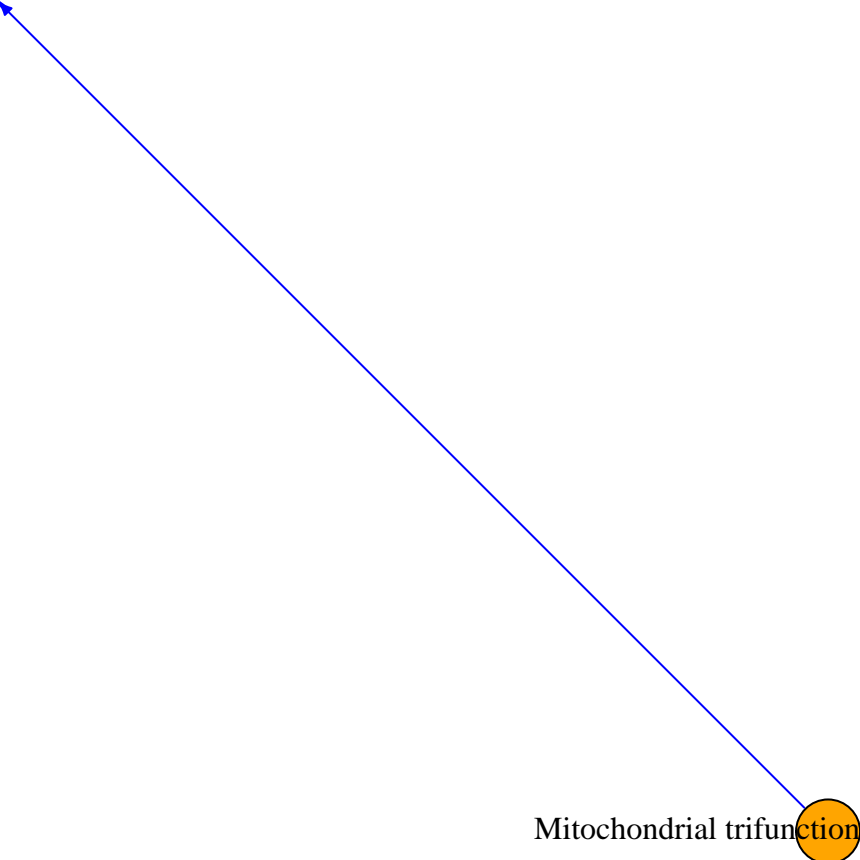
network (Mitochondrial DNA depletion syndrome 9 (encephalomyopathic with r



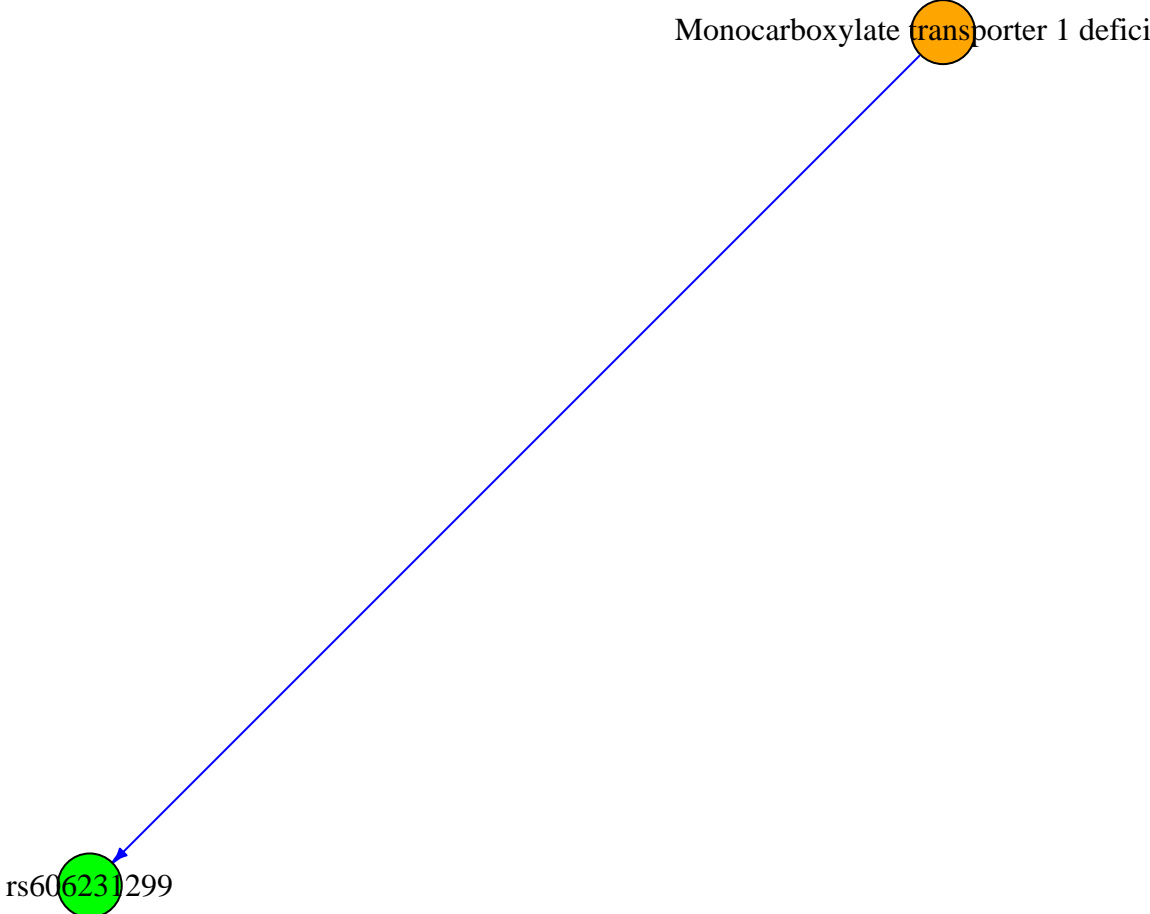
**Variant–Disease Network (Mitochondrial trifunctional protein deficiency)**

rs142348718

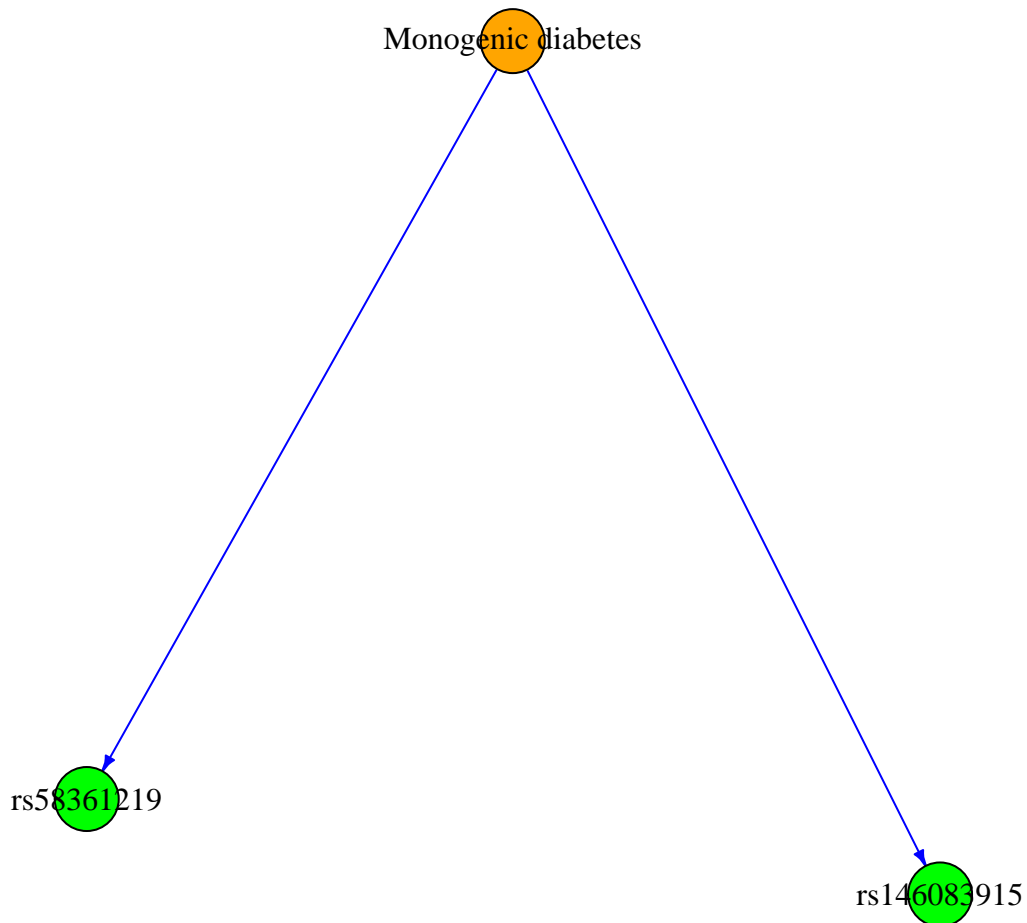
Mitochondrial trifunctional protein defi



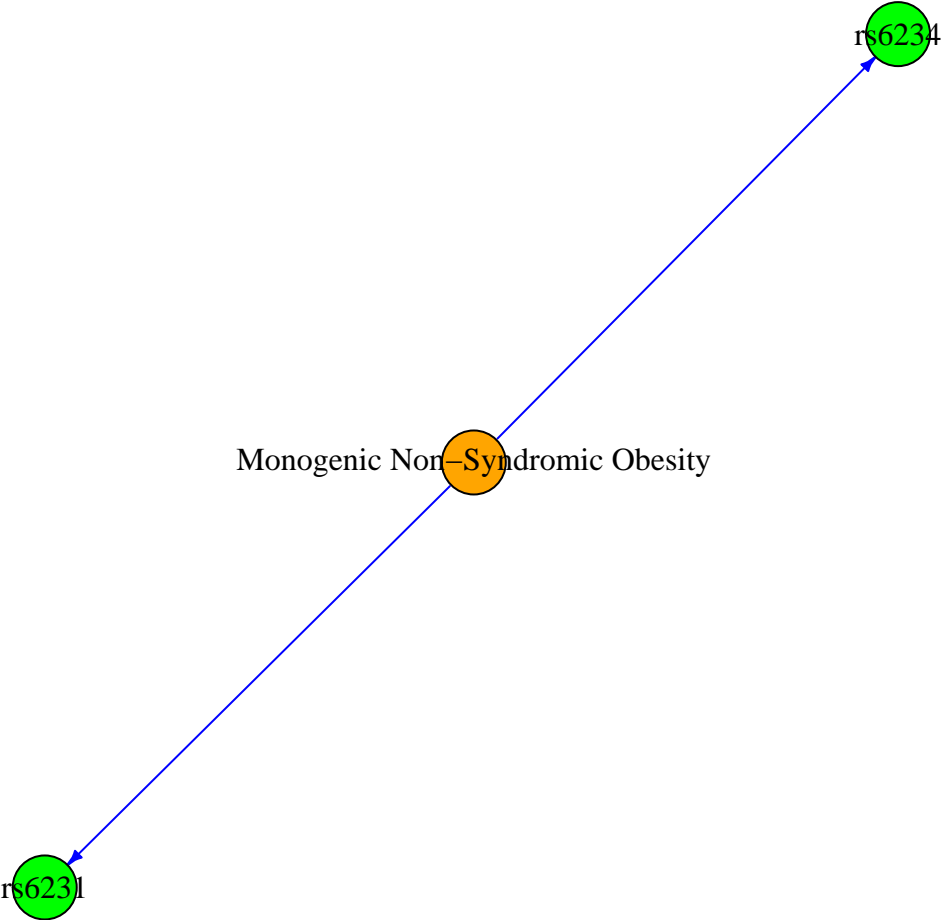
**Variant–Disease Network (Monocarboxylate transporter 1 deficiency)**



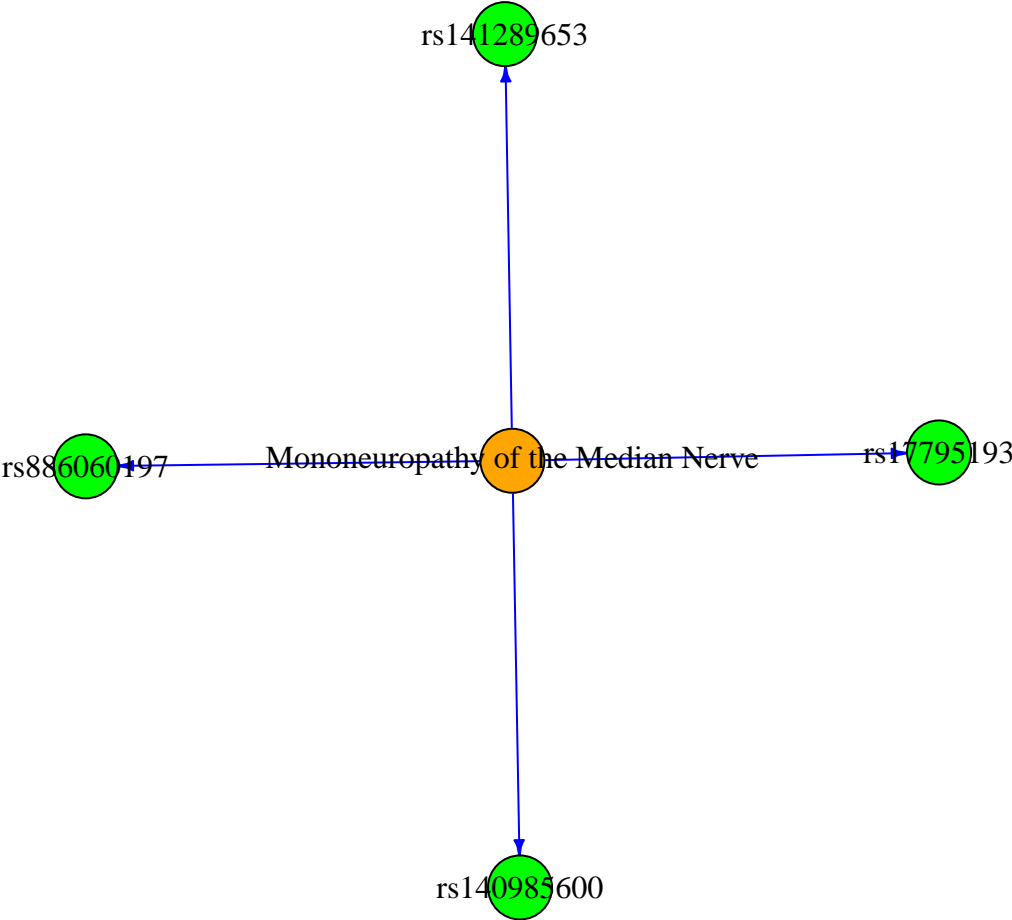
## Variant–Disease Network (Monogenic diabetes)



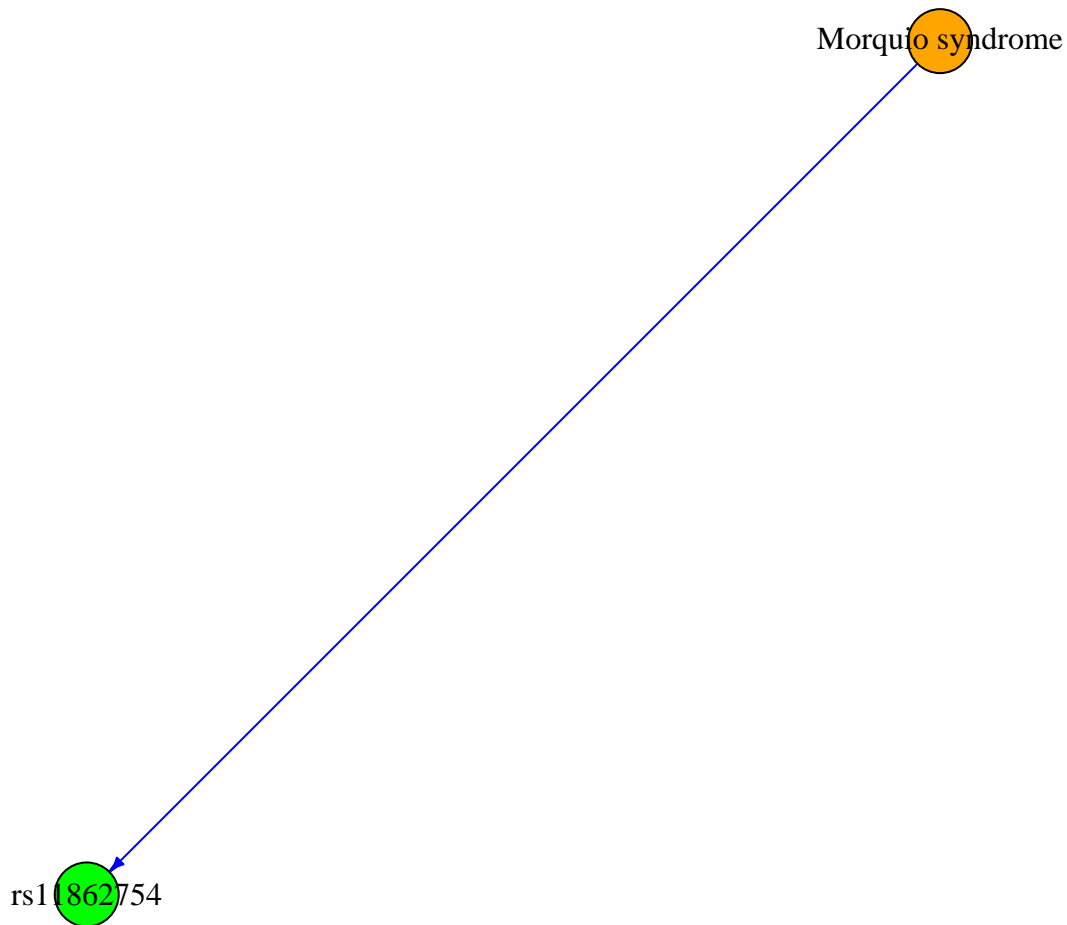
Variant–Disease Network (Monogenic Non–Syndromic Obesity)



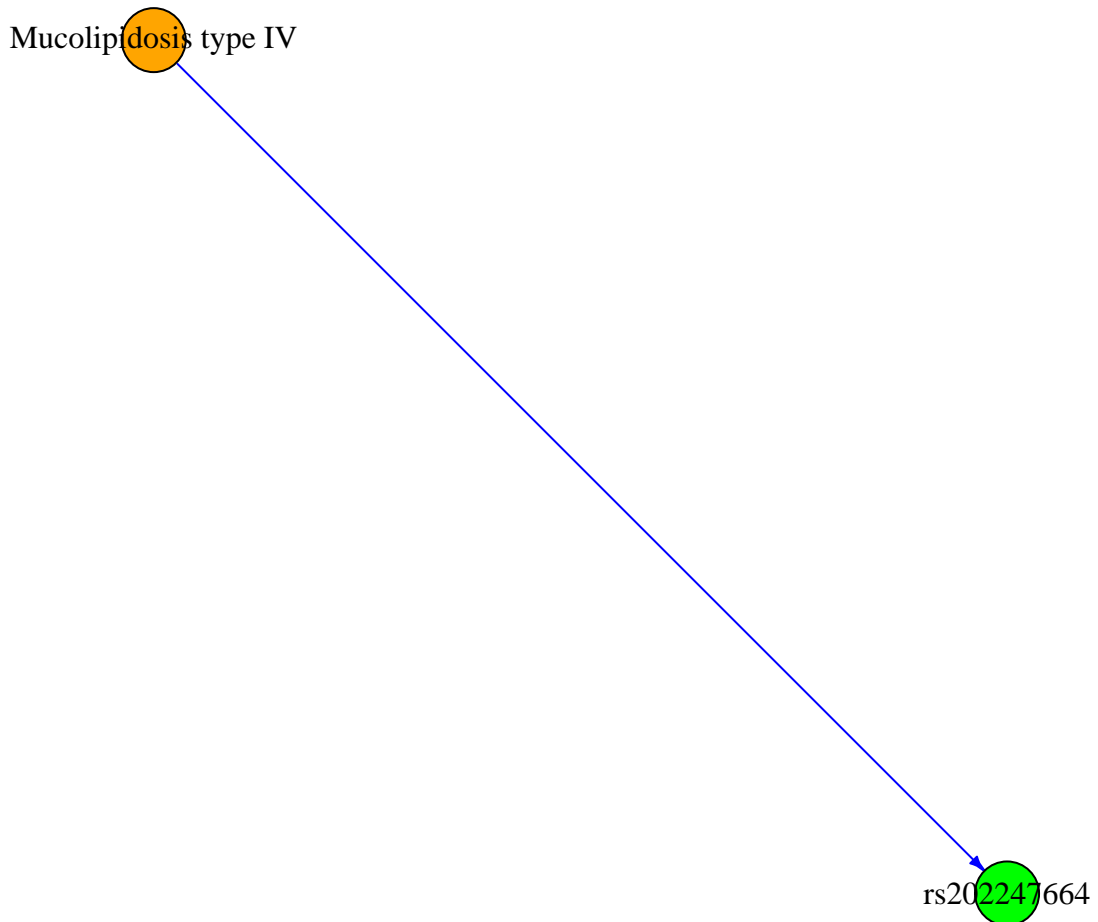
Variant–Disease Network (Mononeuropathy of the Median Nerve)



## Variant–Disease Network (Morquio syndrome)

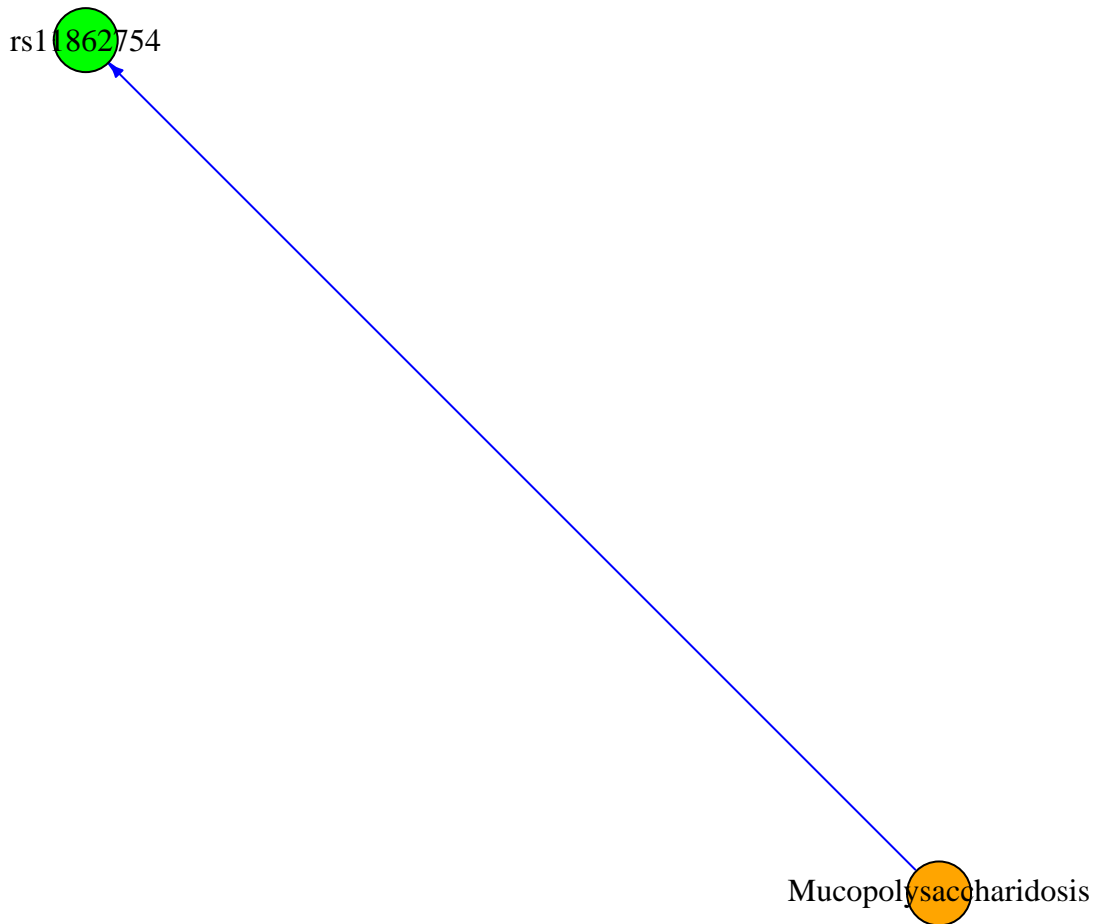


## Variant–Disease Network (Mucopolipidosis type IV)

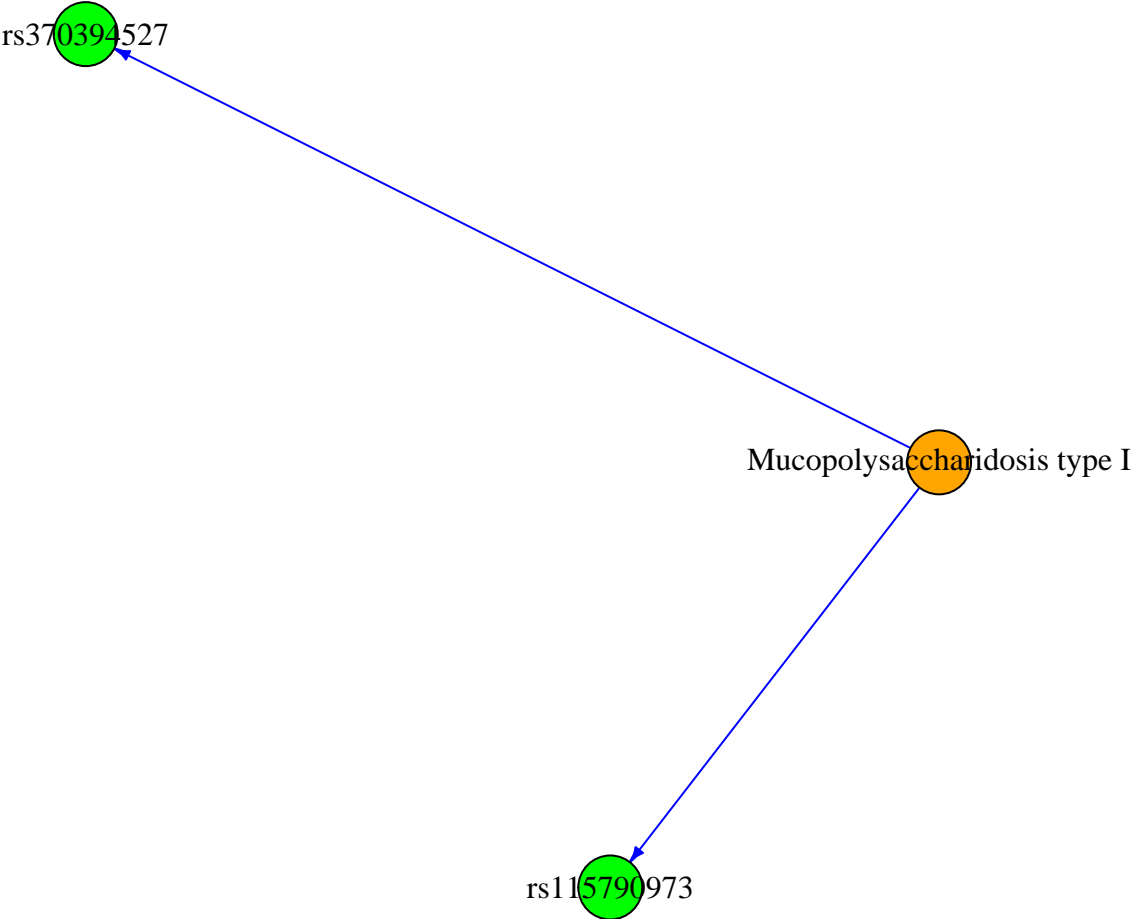




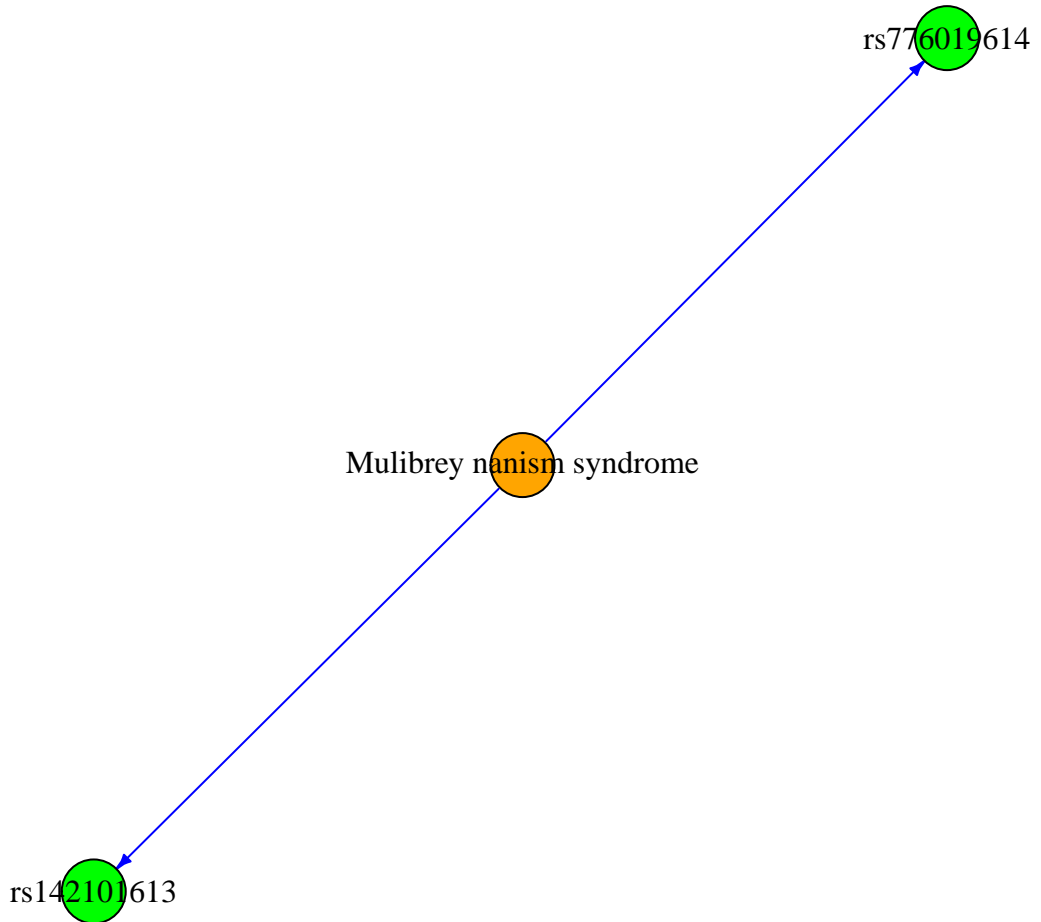
## Variant–Disease Network (Mucopolysaccharidosis)



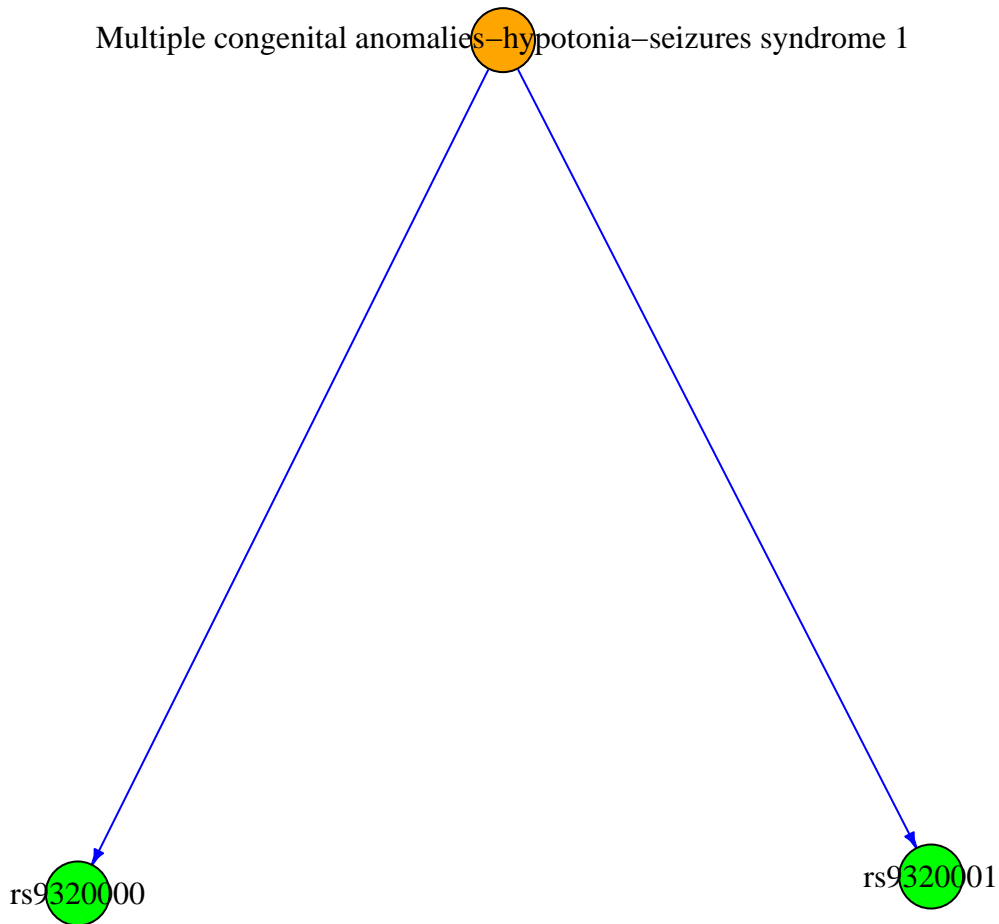
Variant–Disease Network (Mucopolysaccharidosis type I)



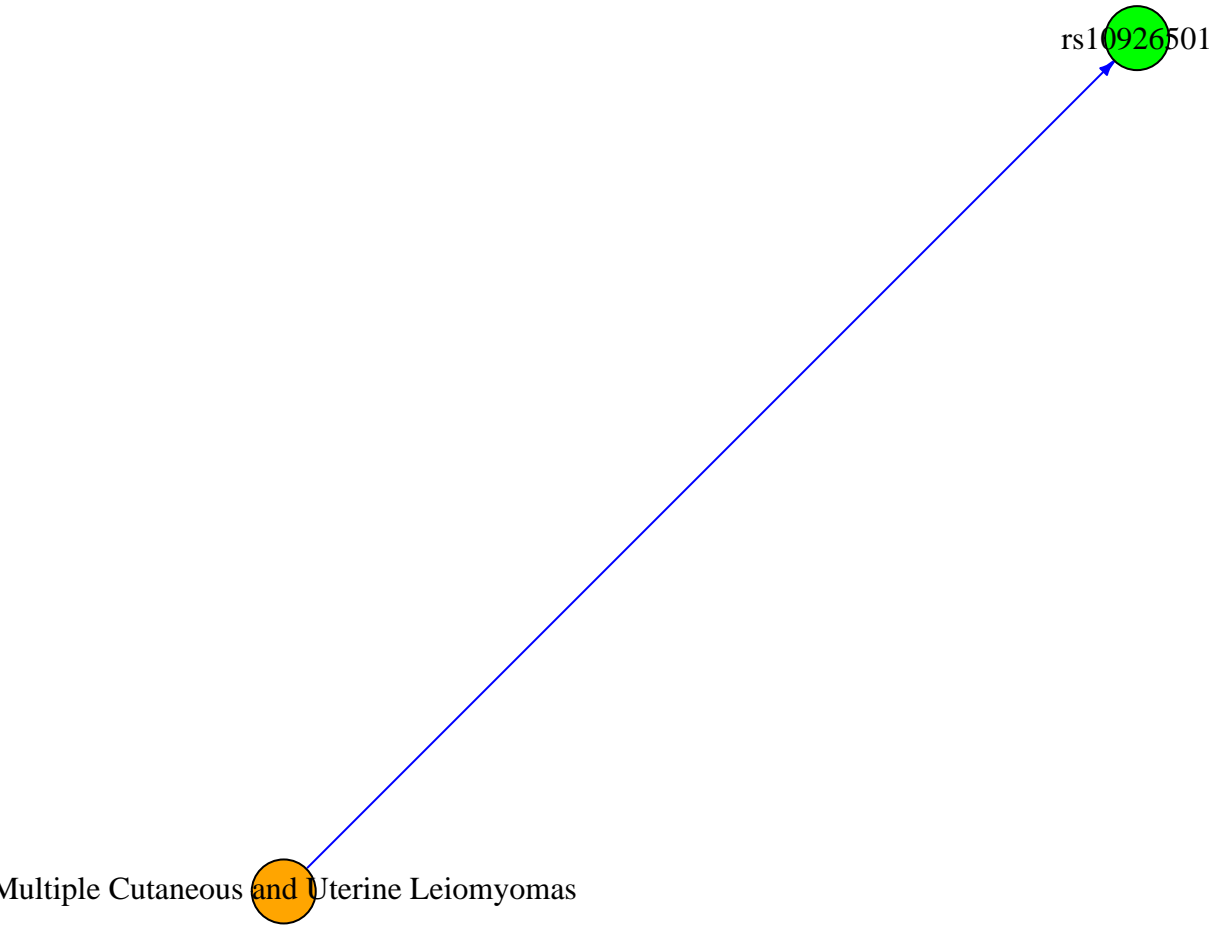
## Variant–Disease Network (Mulibrey nanism syndrome)



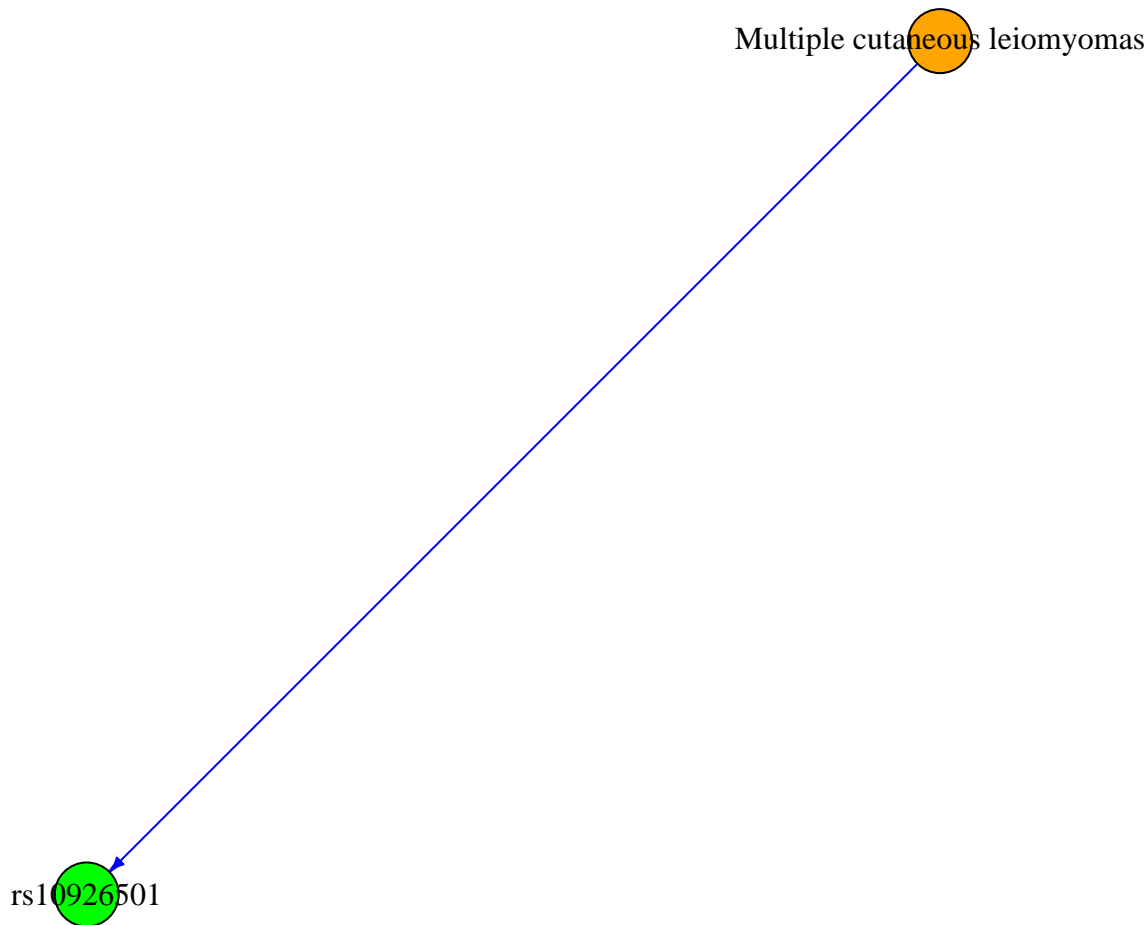
# nt-Disease Network (Multiple congenital anomalies–hypotonia–seizures syn



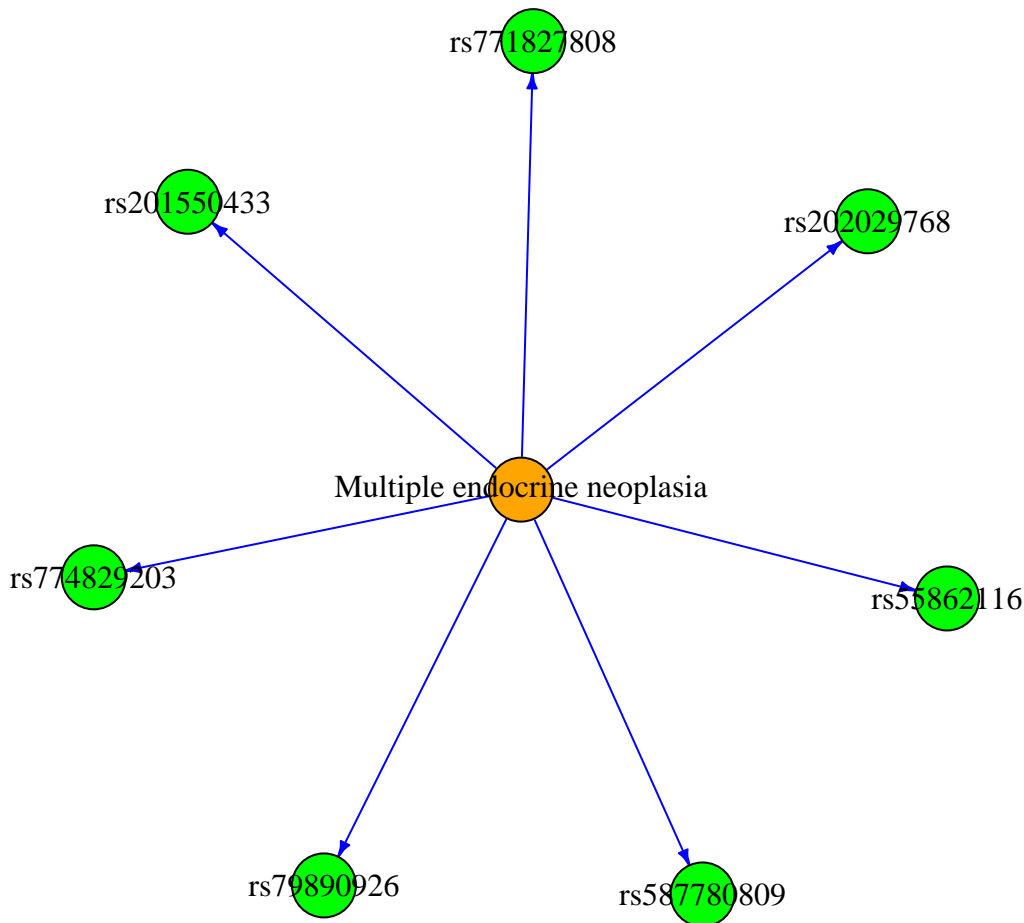
**Variant–Disease Network (Multiple Cutaneous and Uterine Leiomyomas)**



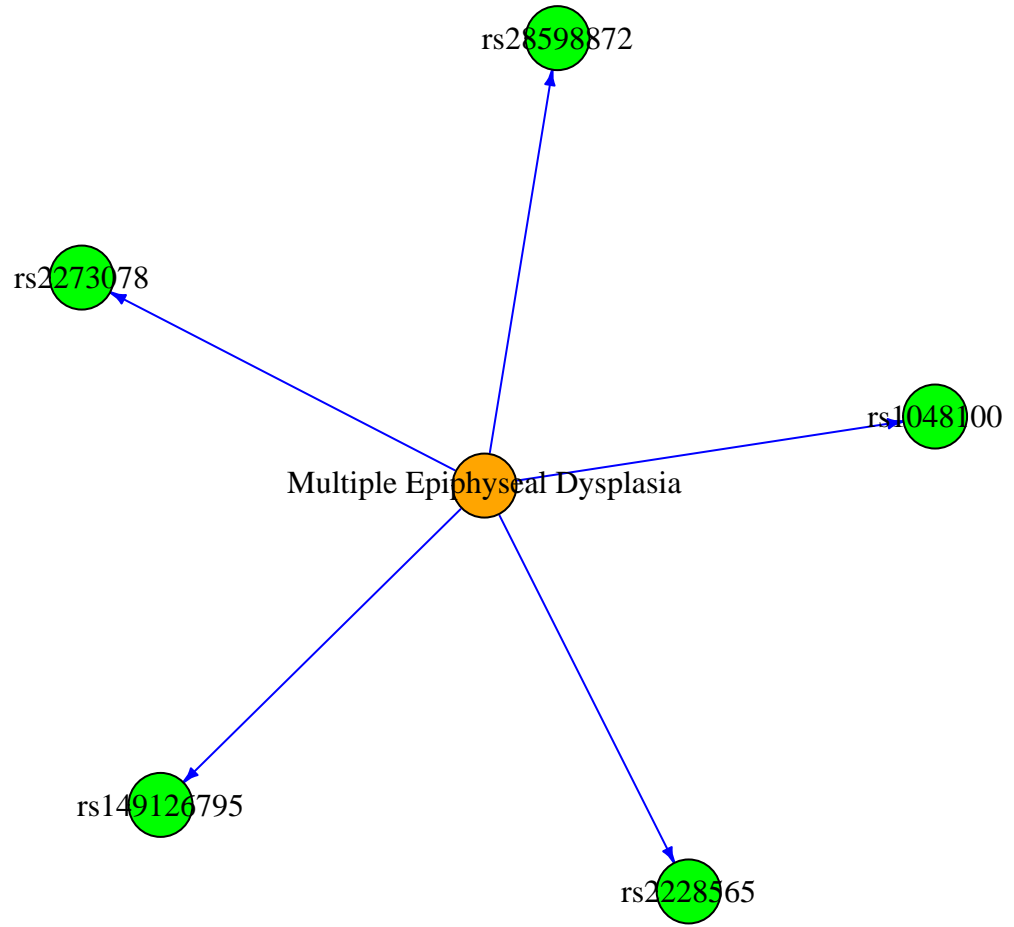
## Variant-Disease Network (Multiple cutaneous leiomyomas)



## Variant–Disease Network (Multiple endocrine neoplasia)

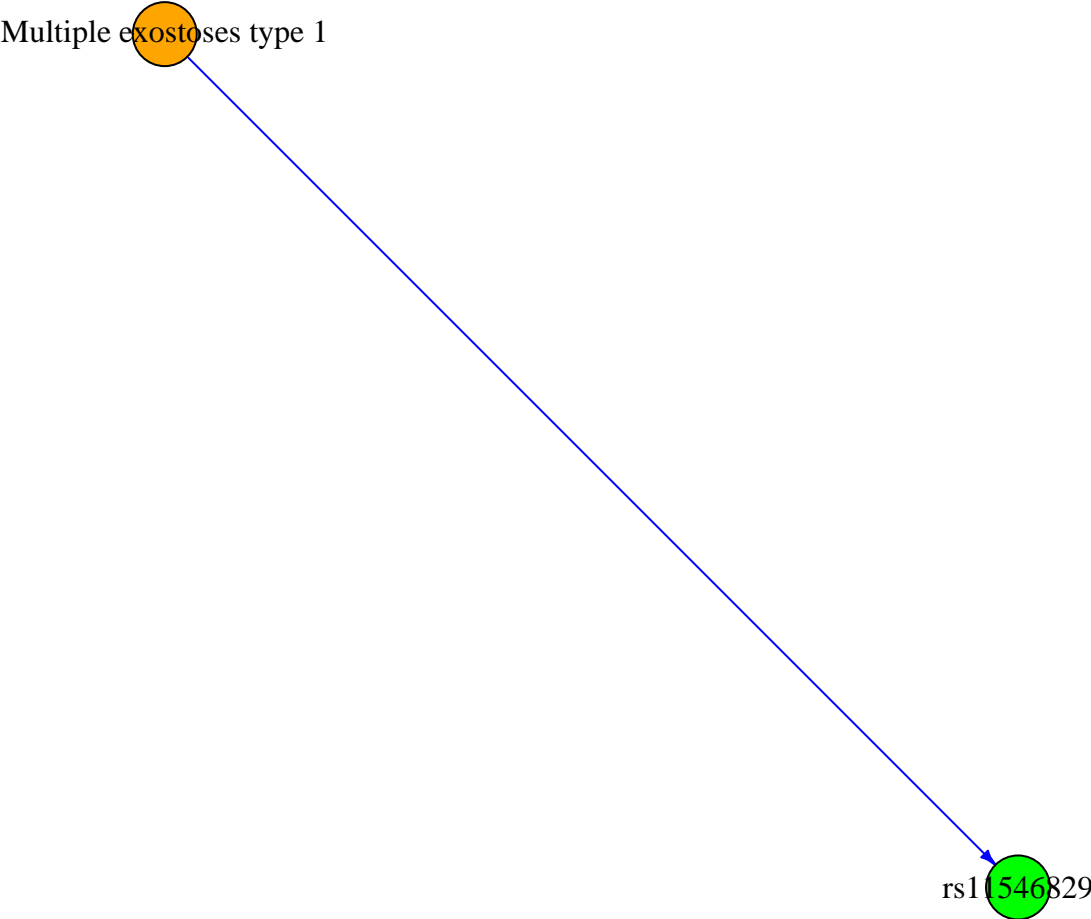


Variant–Disease Network (Multiple Epiphyseal Dysplasia)

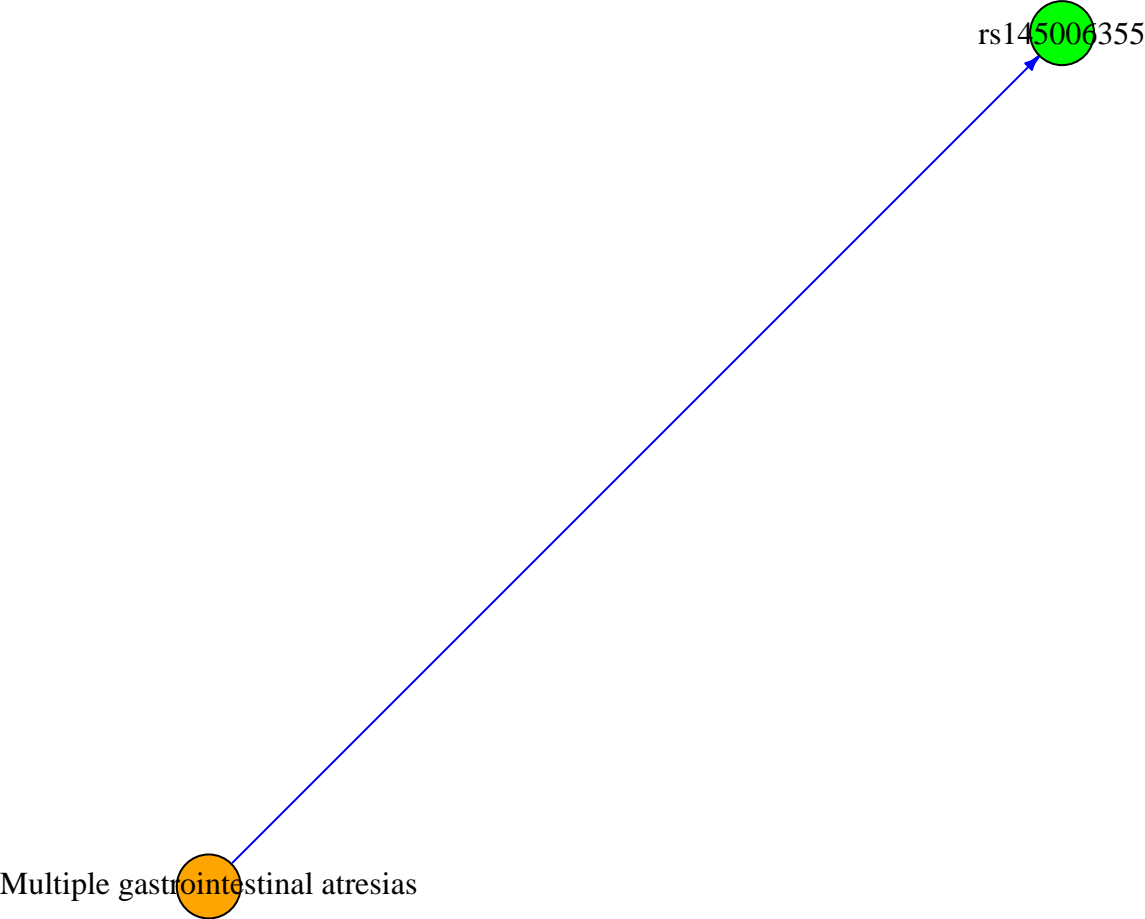




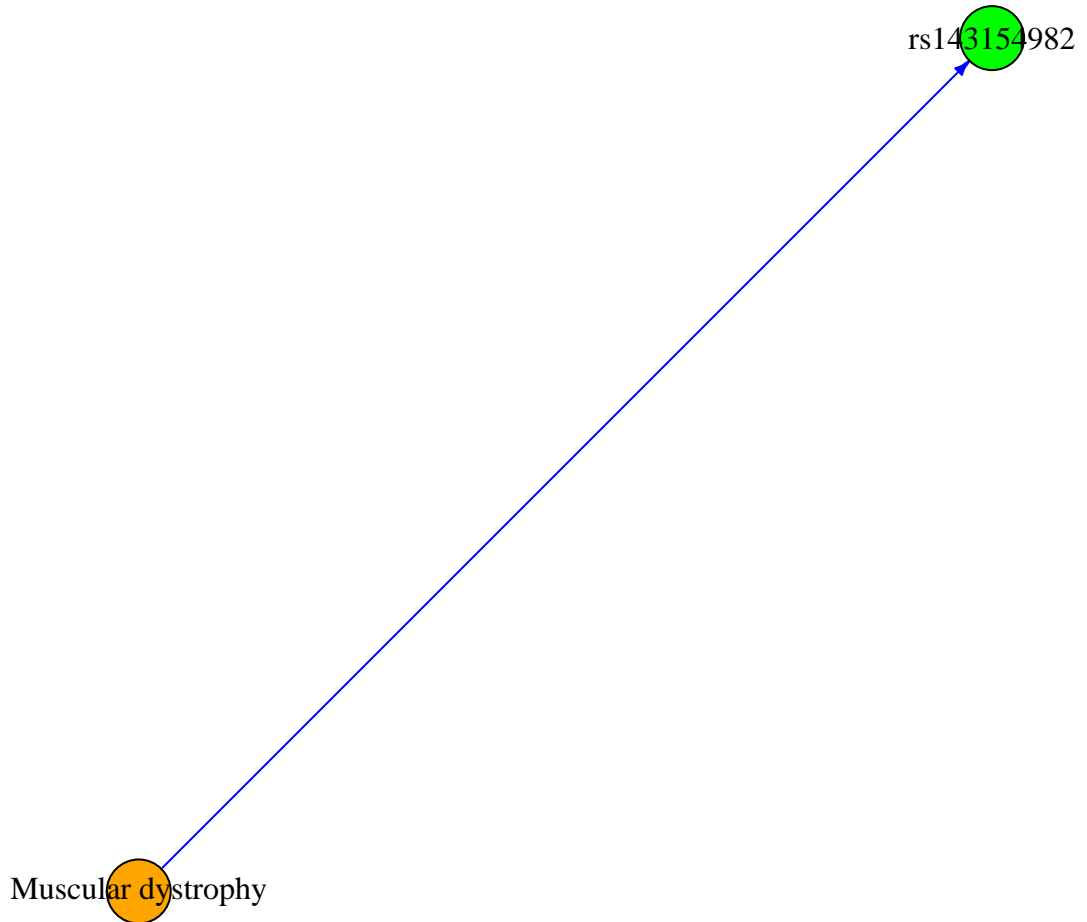
**Variant–Disease Network (Multiple exostoses type 1)**



**Variant–Disease Network (Multiple gastrointestinal atresias)**



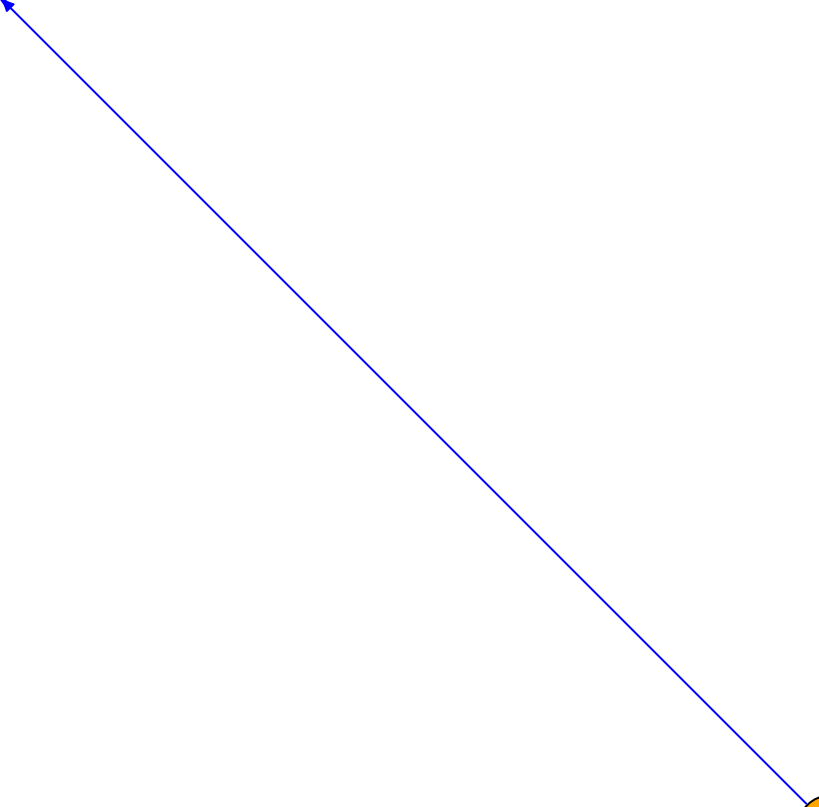
## Variant–Disease Network (Muscular dystrophy)



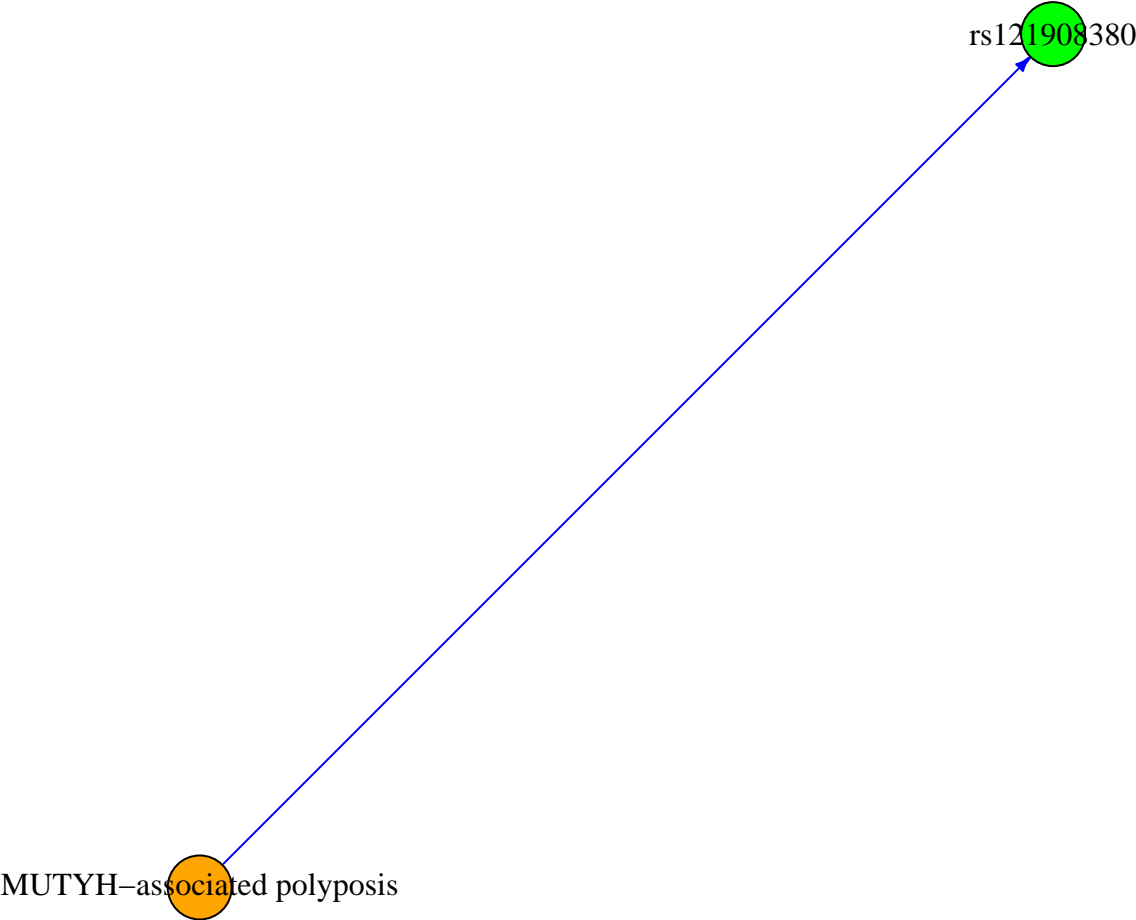
# e Network (Muscular dystrophy–dystroglycanopathy (congenital with brain a

rs367603470

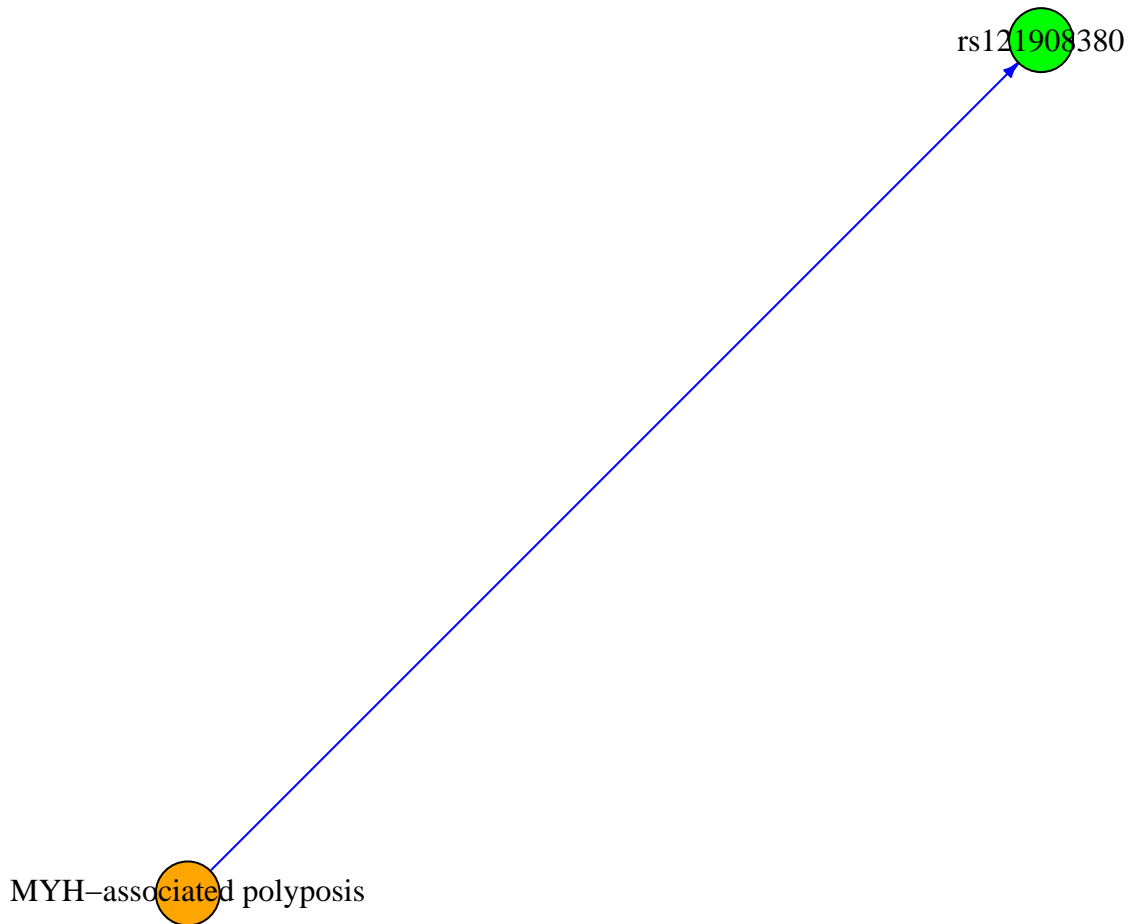
Muscular dystrophy–dystroglycanopathy (congenital with



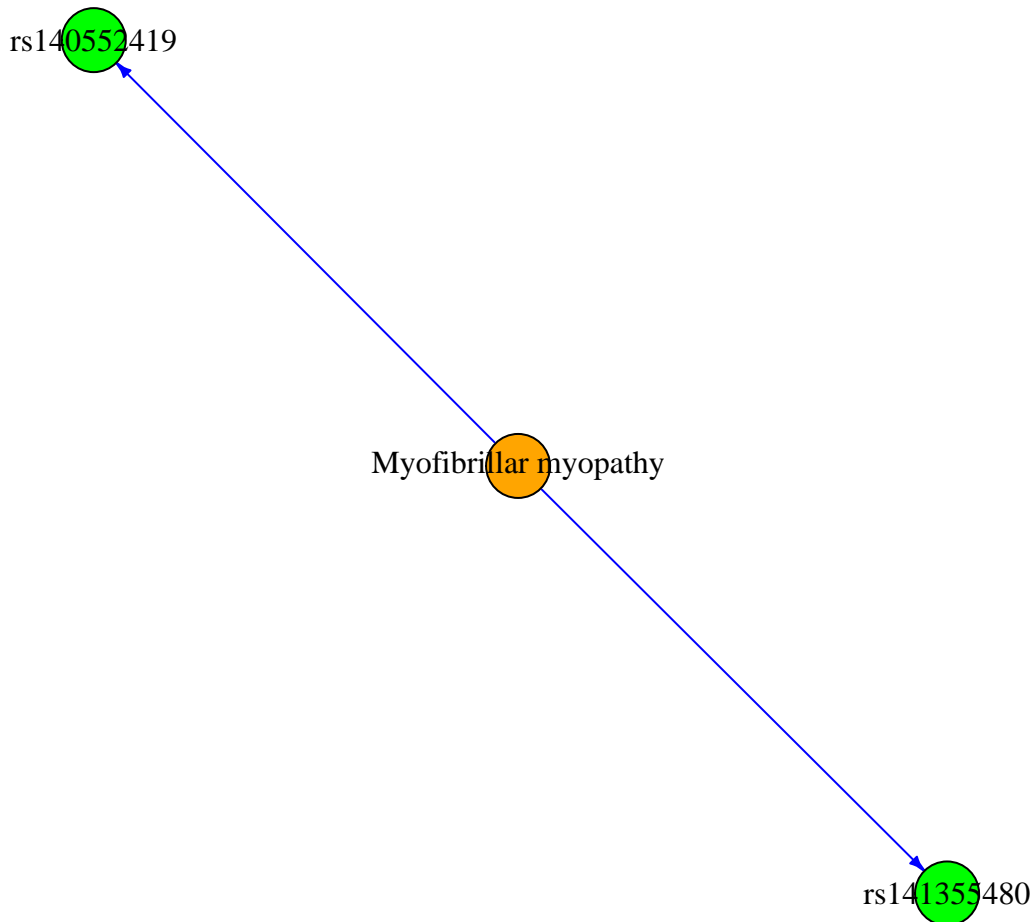
Variant–Disease Network (MUTYH–associated polyposis)



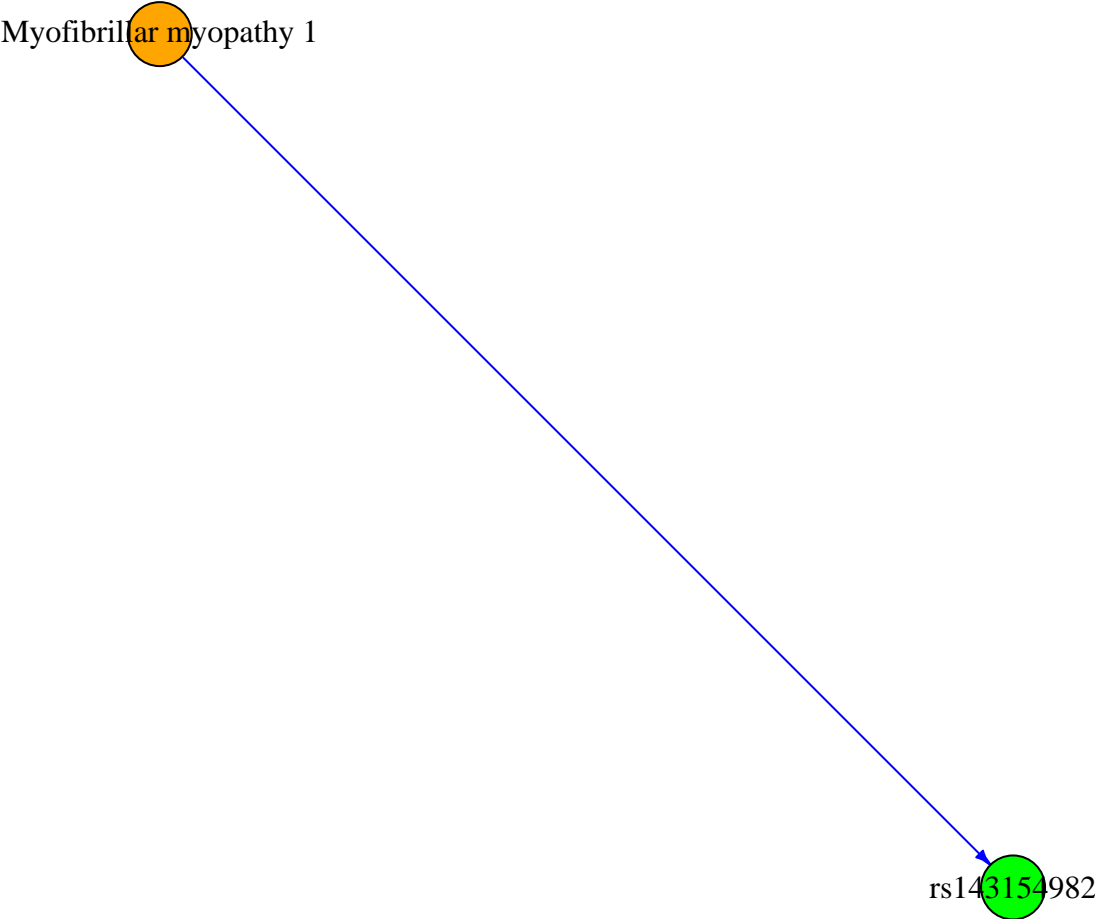
## Variant–Disease Network (MYH-associated polyposis)



## Variant–Disease Network (Myofibrillar myopathy)

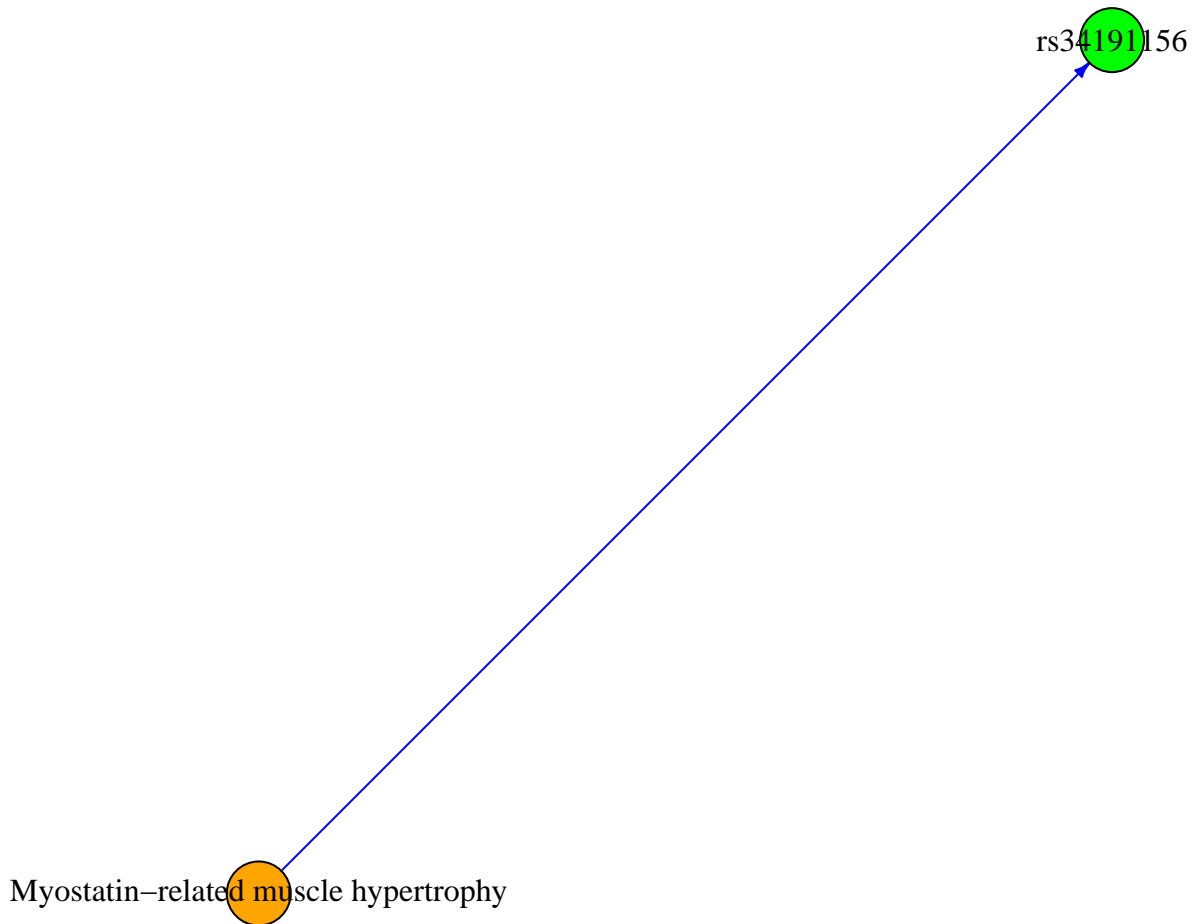


Variant–Disease Network (Myofibrillar myopathy 1)

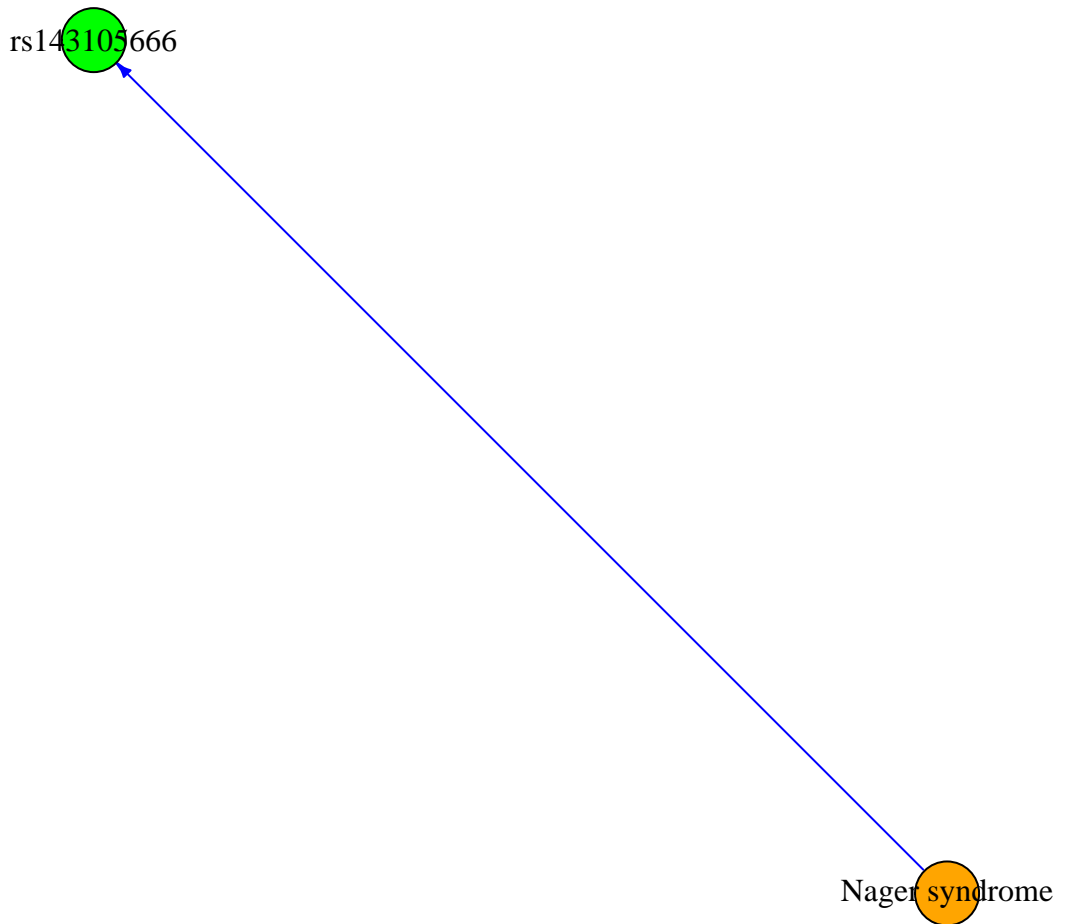




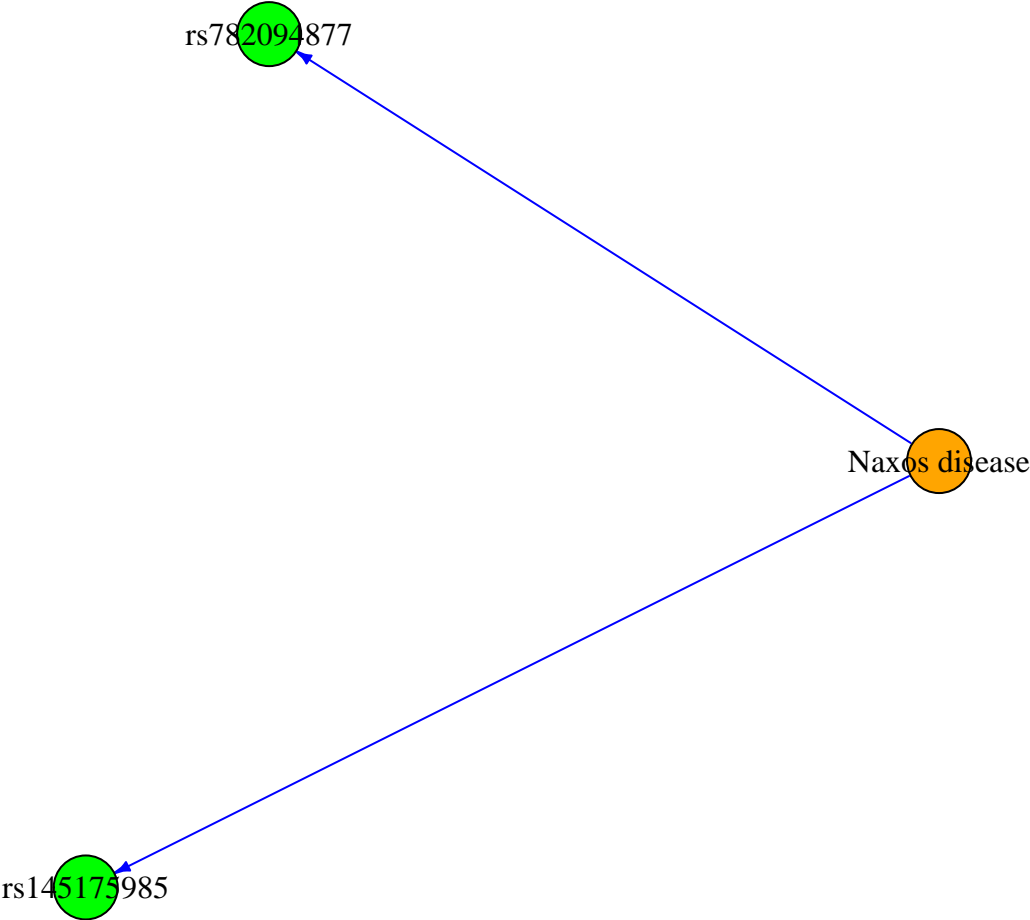
# Variant–Disease Network (Myostatin–related muscle hypertrophy)



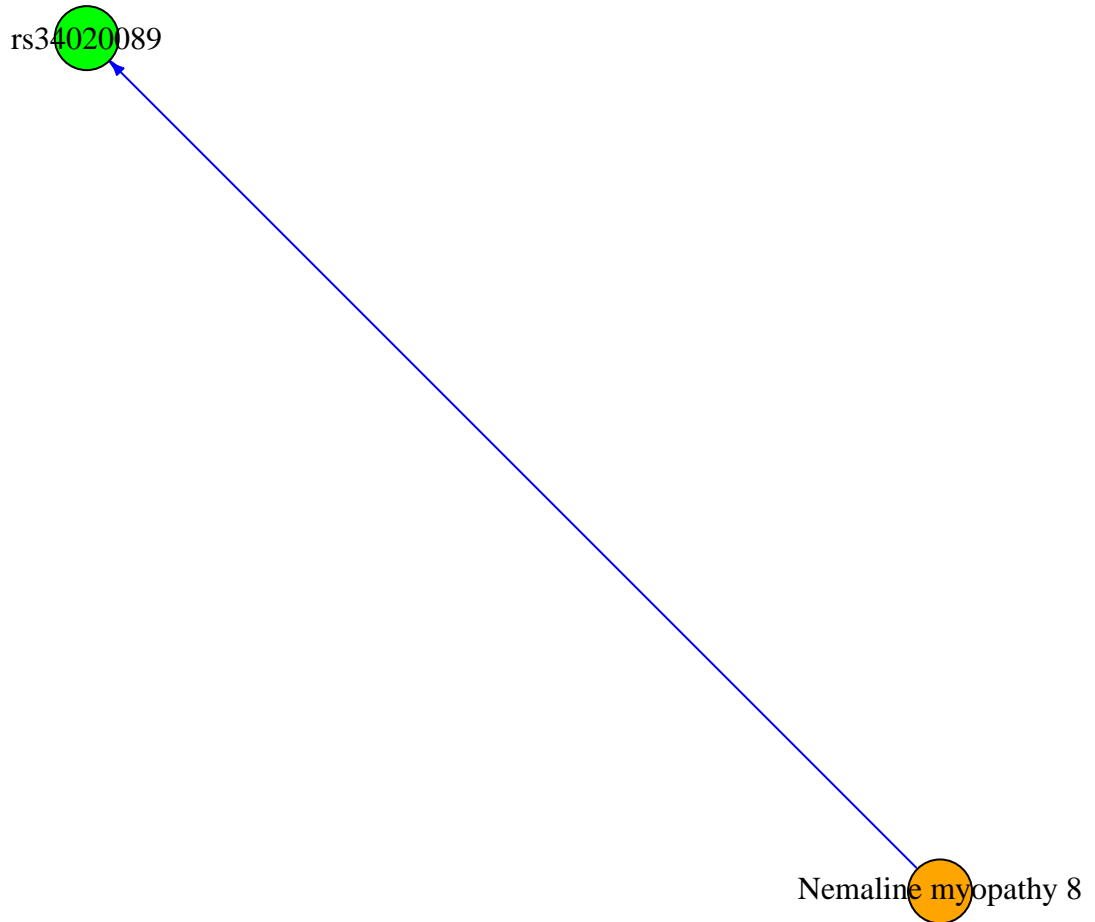
## Variant–Disease Network (Nager syndrome)



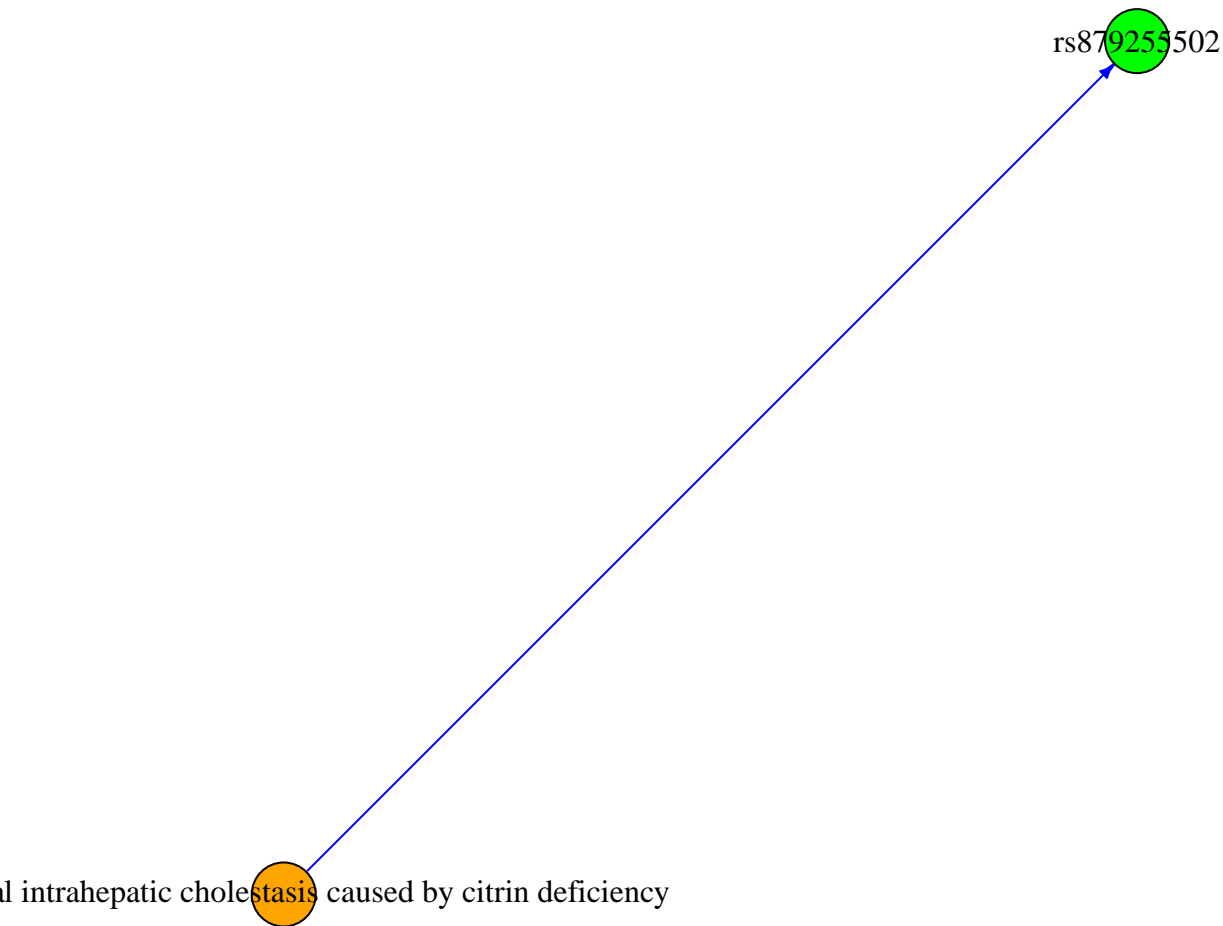
Variant–Disease Network (Naxos disease)



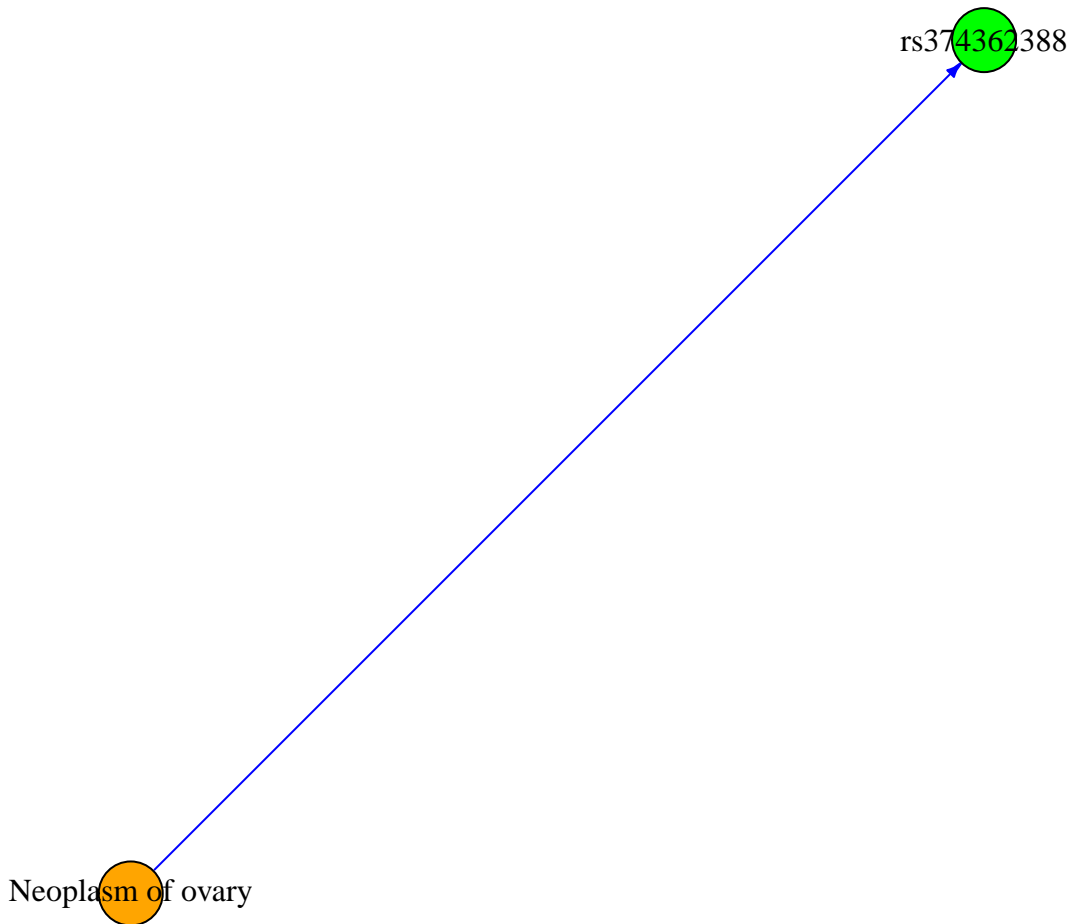
## Variant–Disease Network (Nemaline myopathy 8)



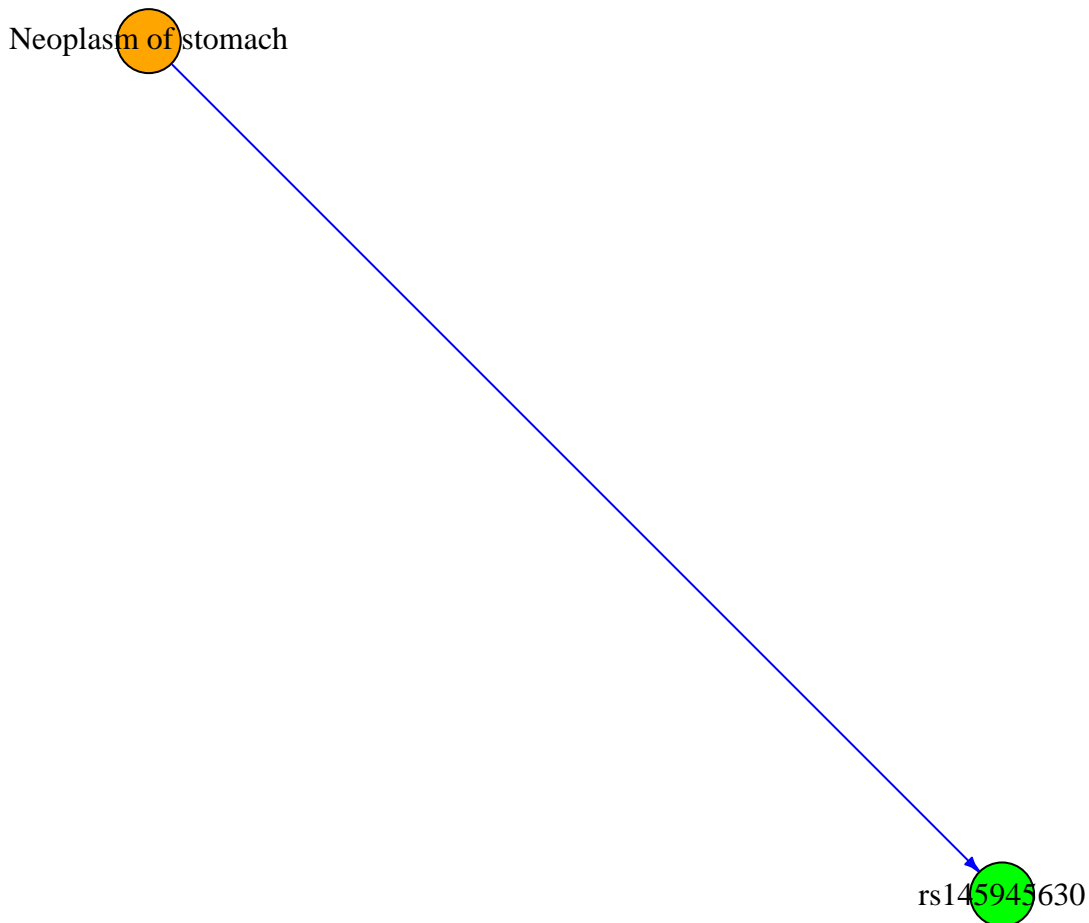
# ant-Disease Network (Neonatal intrahepatic cholestasis caused by citrin deficiency)



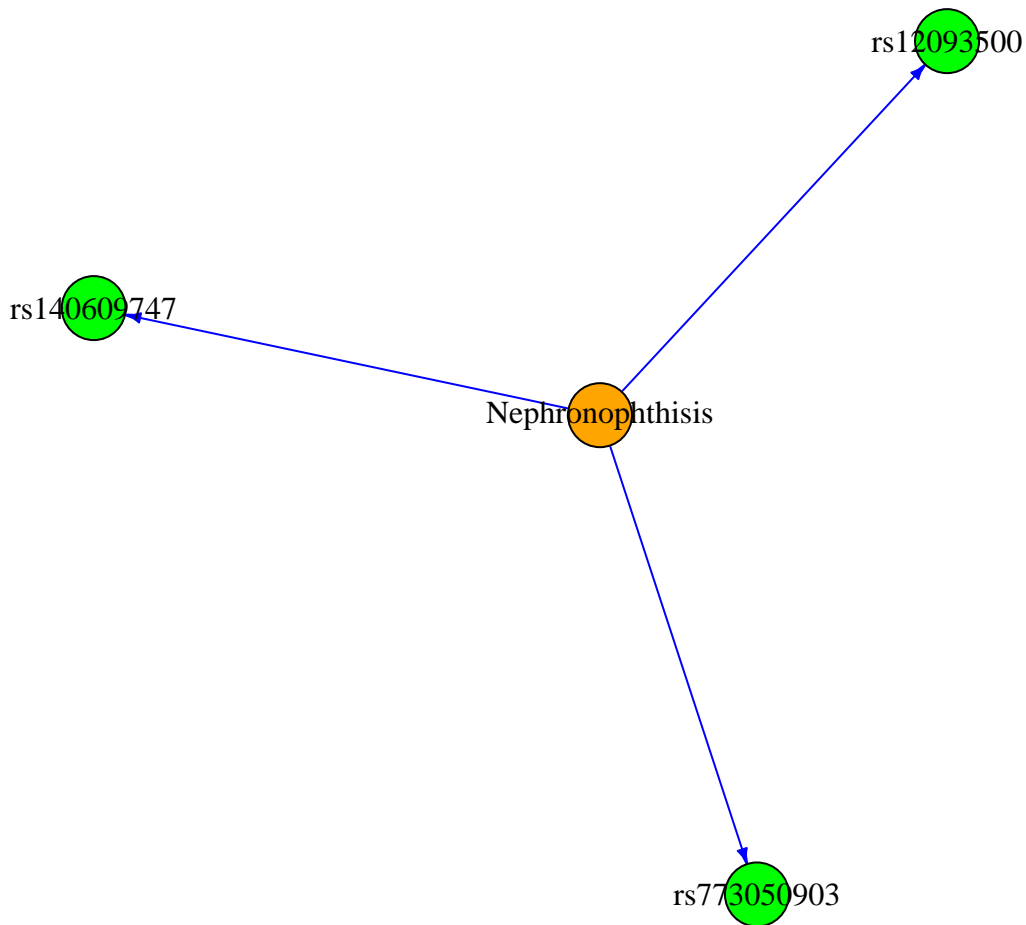
## Variant–Disease Network (Neoplasm of ovary)



## Variant–Disease Network (Neoplasm of stomach)

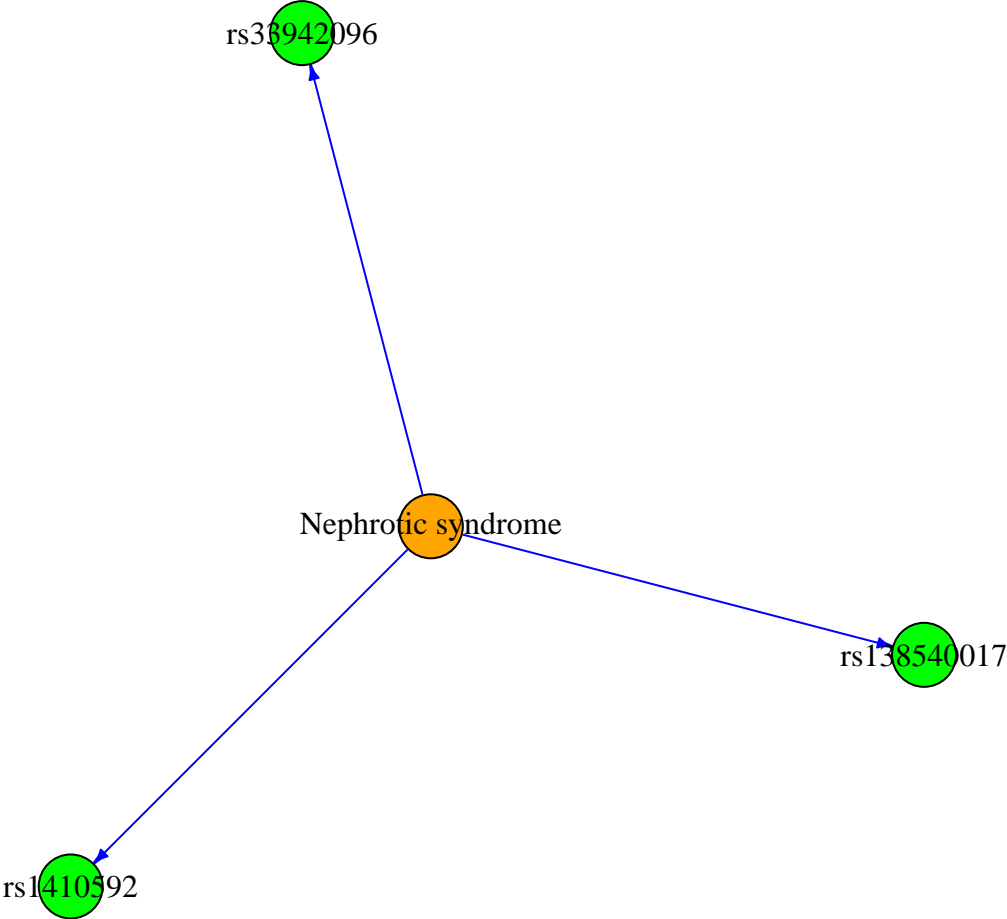


## Variant–Disease Network (Nephronophthisis)

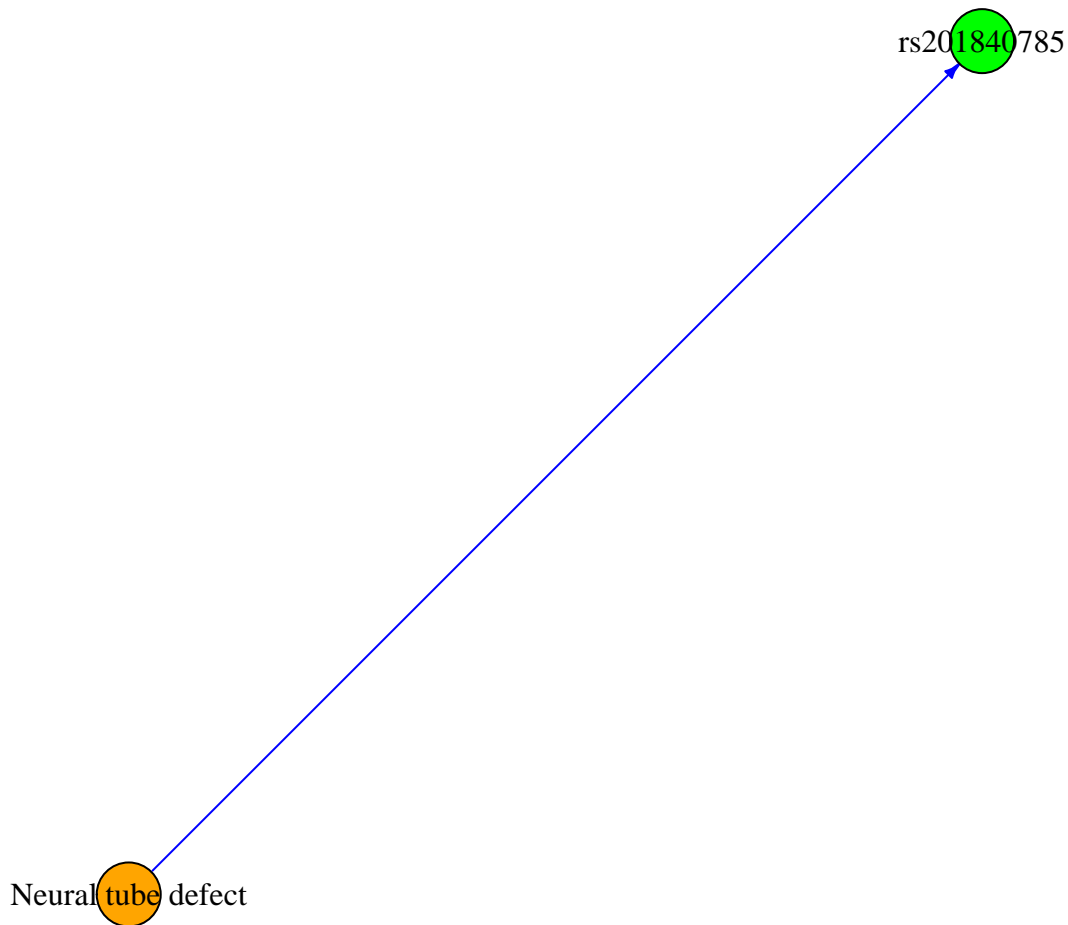




Variant–Disease Network (Nephrotic syndrome)



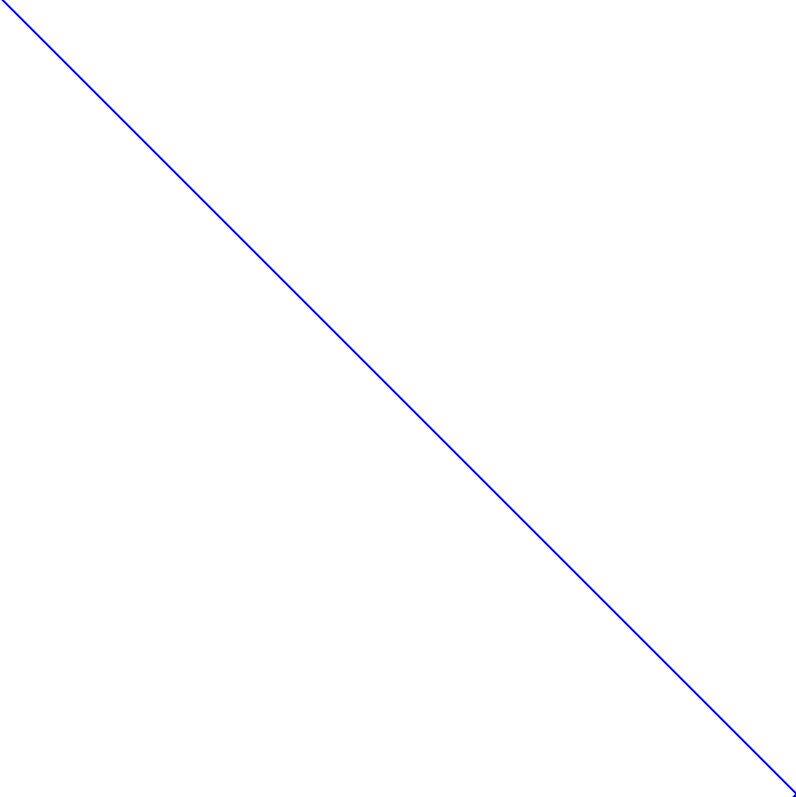
## Variant–Disease Network (Neural tube defect)



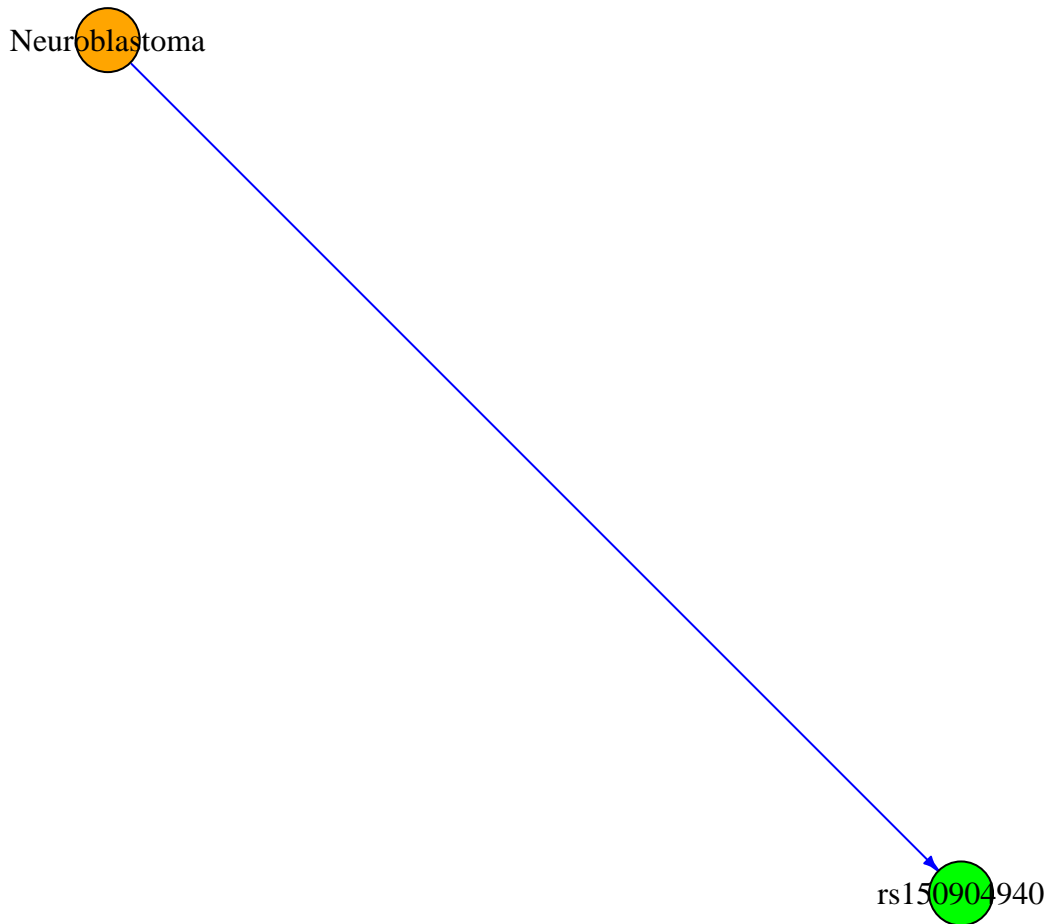
## Variant–Disease Network (Neural tube defects)

Neural tube defects

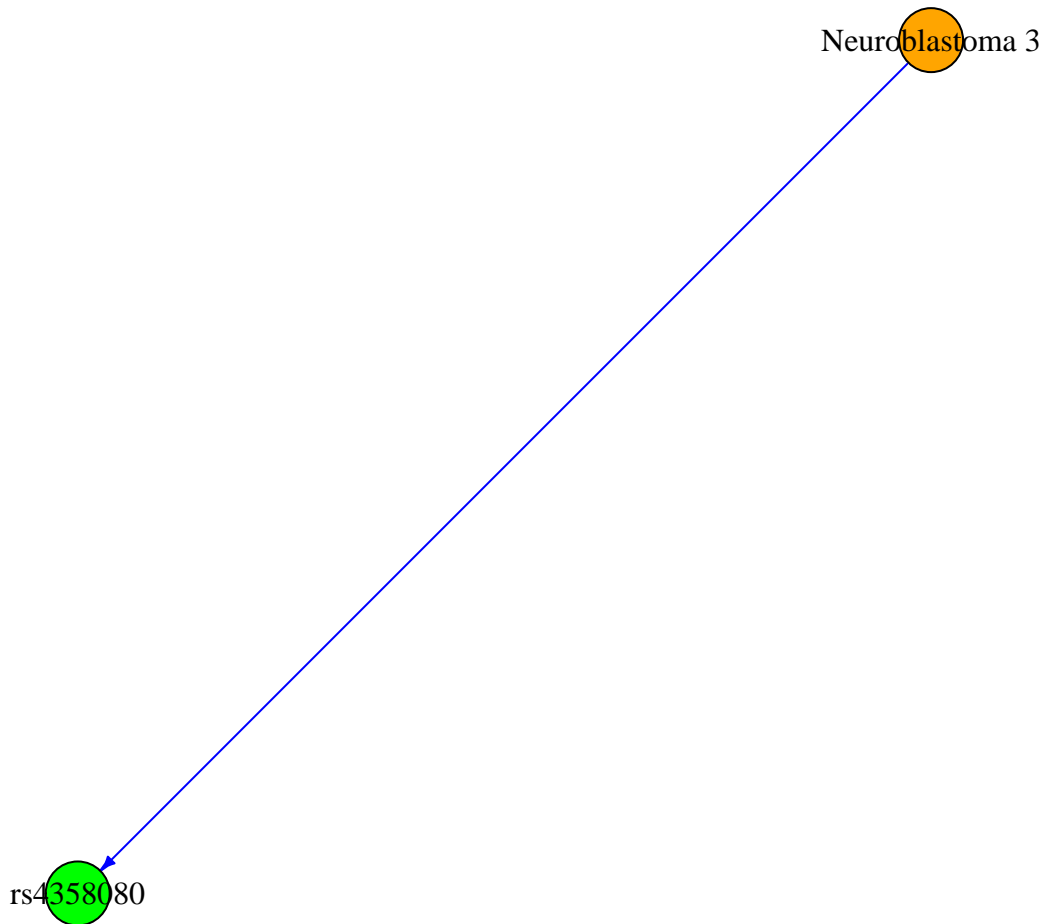
rs4846051



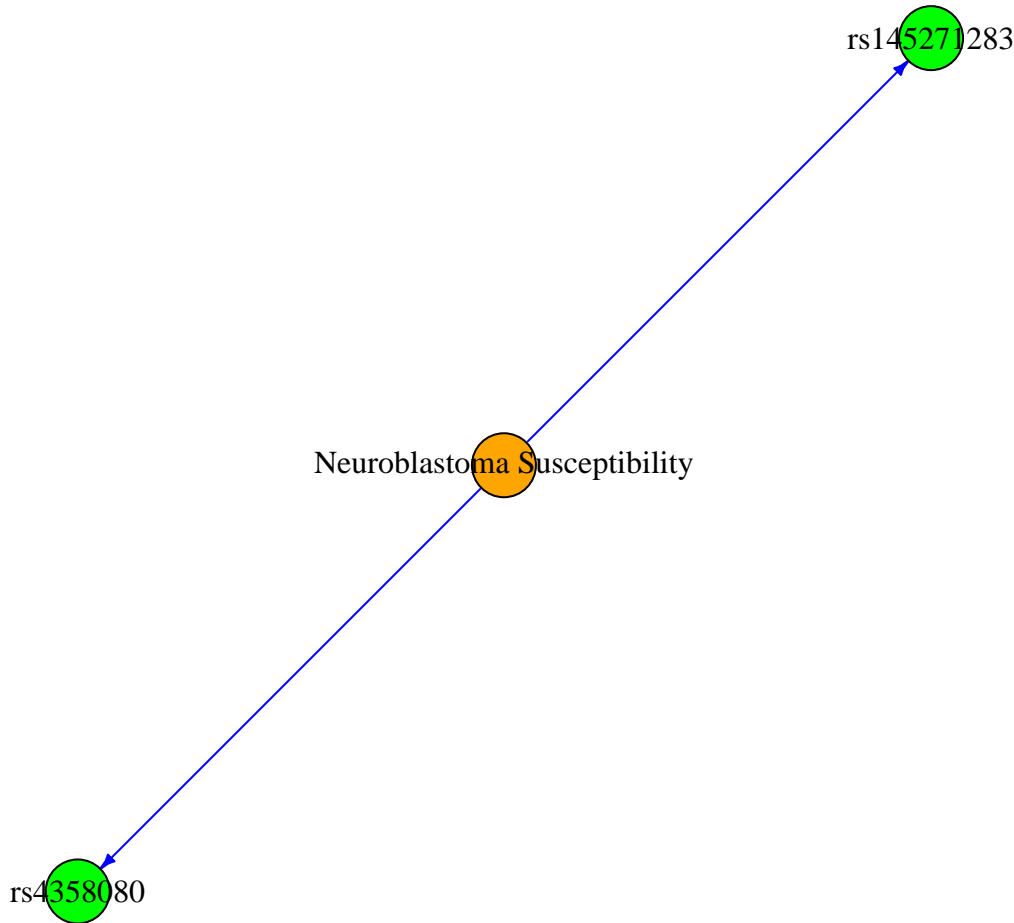
## Variant-Disease Network (Neuroblastoma)



## Variant-Disease Network (Neuroblastoma 3)



Variant–Disease Network (Neuroblastoma Susceptibility)



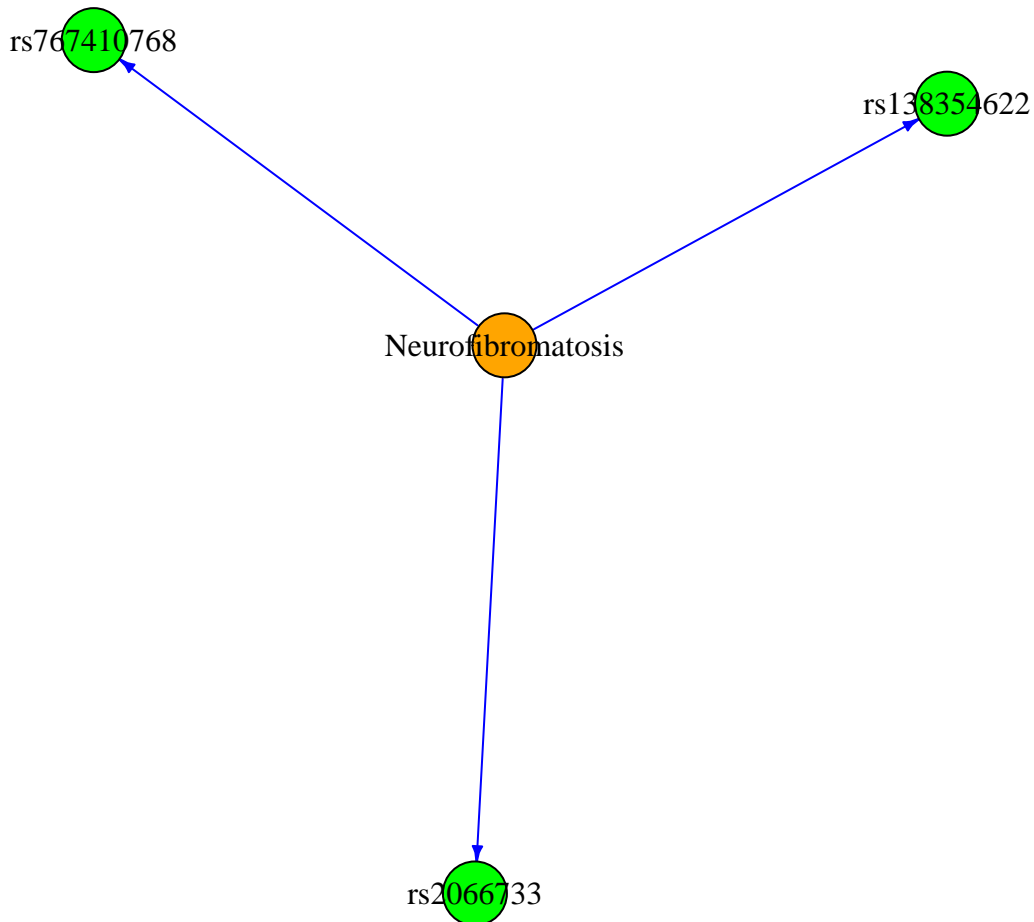
# e Network (Neurodevelopmental disorder with or without hyperkinetic movement disorder)

rs146086141

Neurodevelopmental disorder with or without hyperkinetic movement disorder



## Variant–Disease Network (Neurofibromatosis)

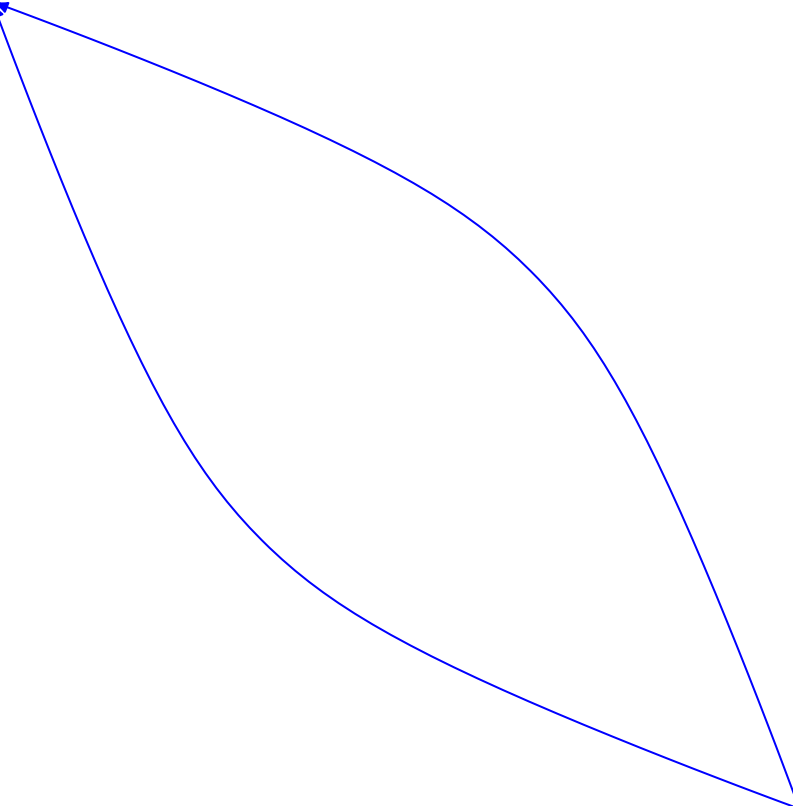




**Variant–Disease Network (Nijmegen breakage syndrome–like disorder)**

rs34147298

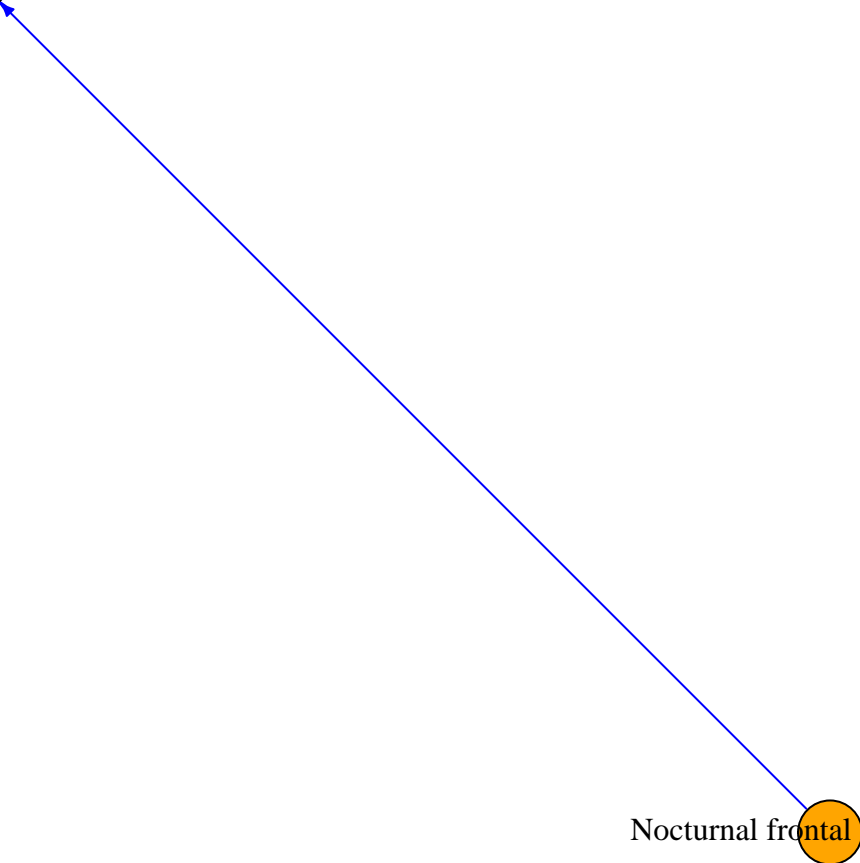
Nijmegen breakage syndrome–like disorder



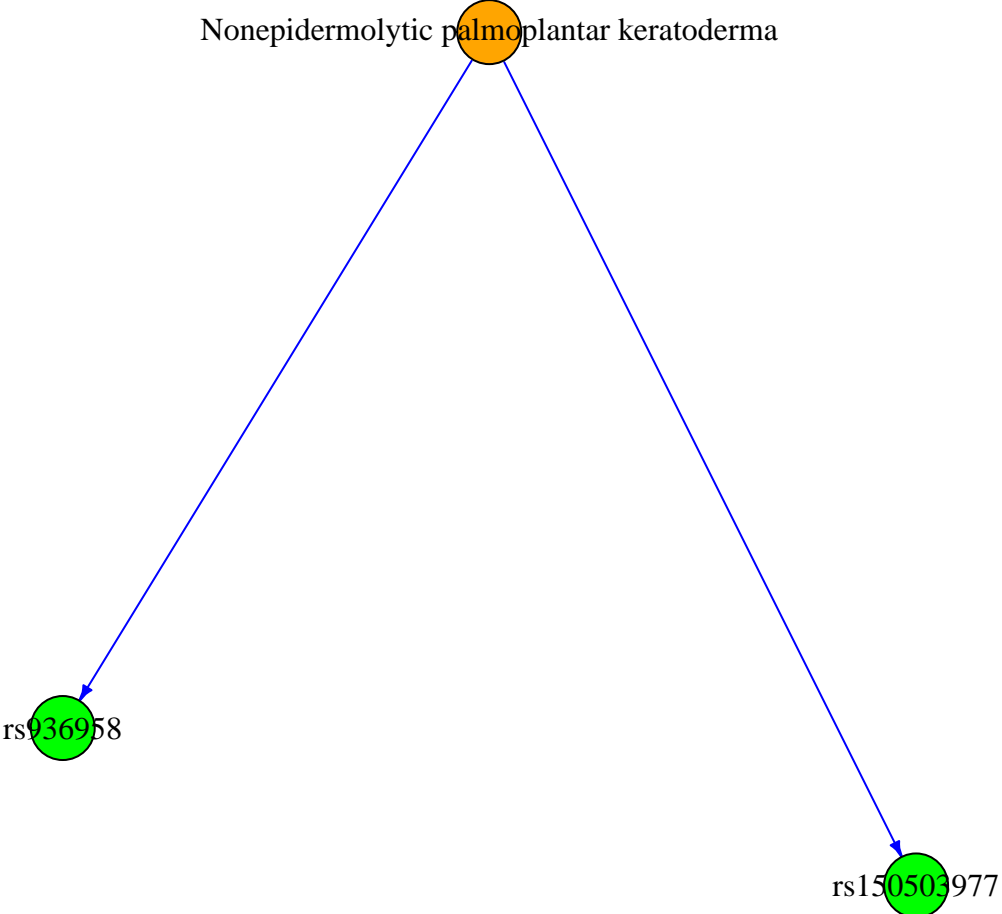
## Variant–Disease Network (Nocturnal frontal lobe epilepsy)

rs2472553

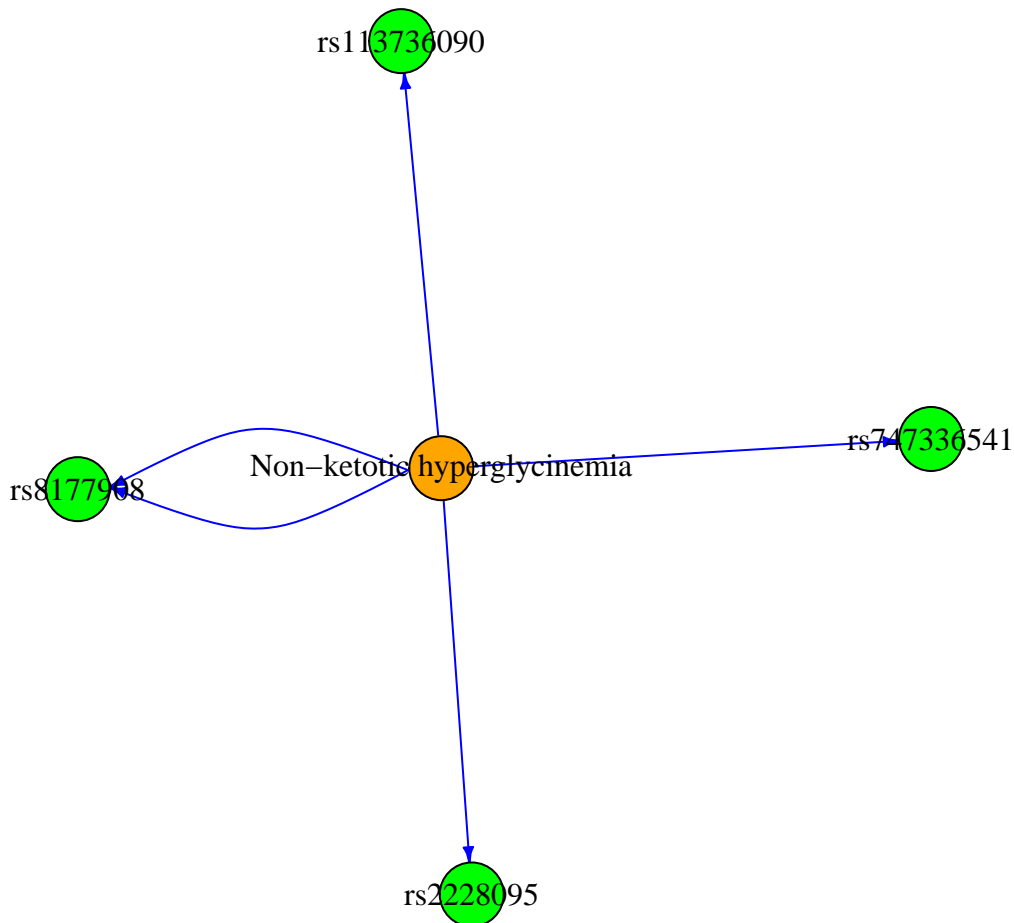
Nocturnal frontal lobe epilepsy



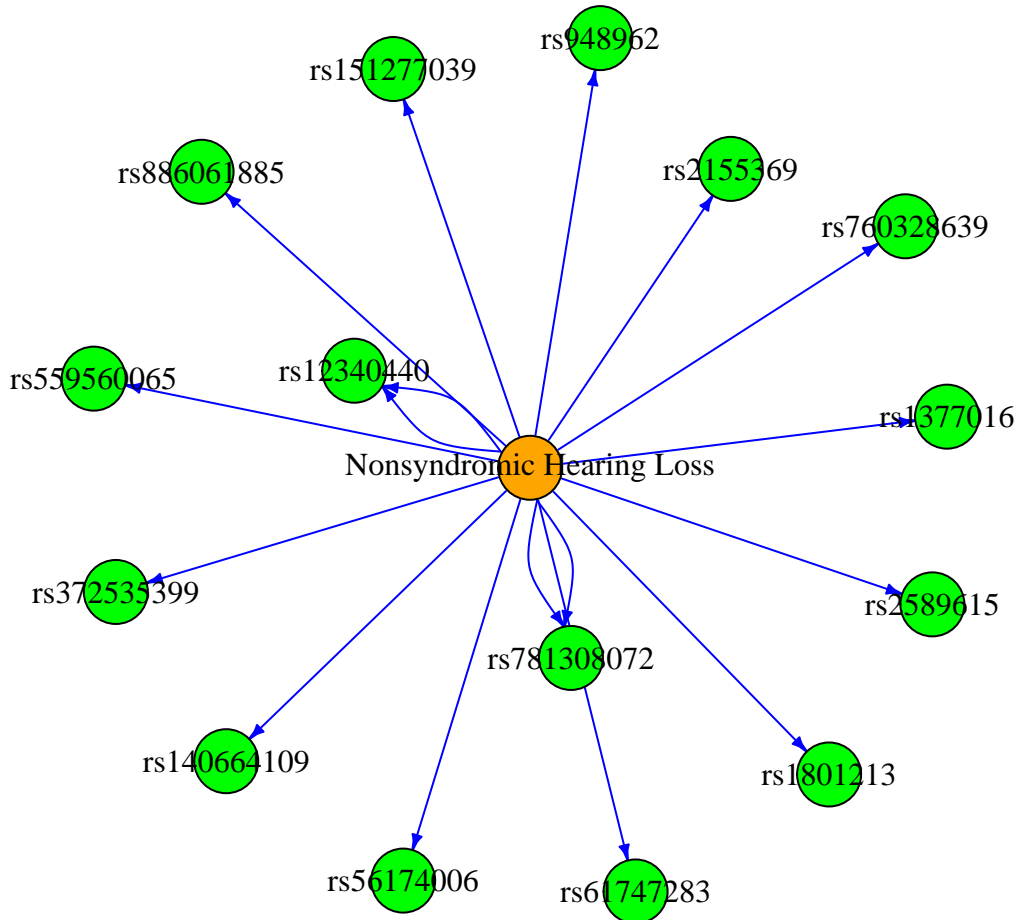
**Variant–Disease Network (Nonepidermolytic palmoplantar keratoderma)**



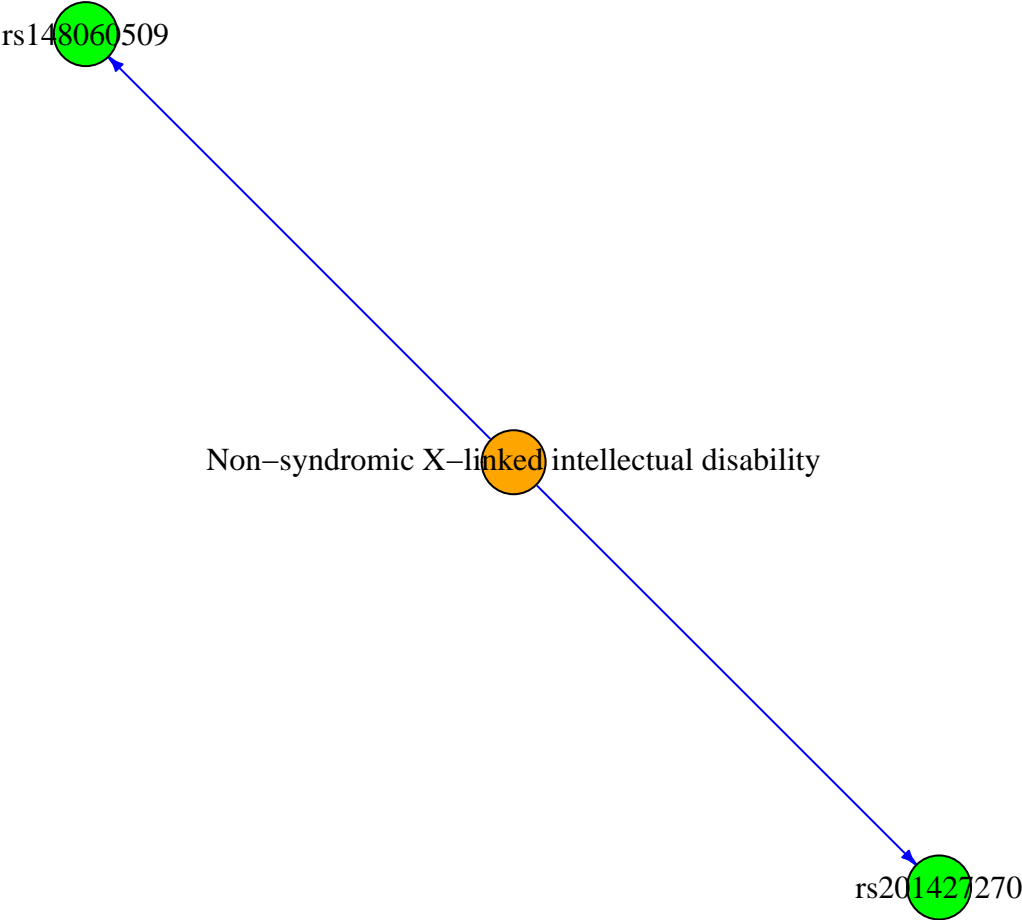
# Variant–Disease Network (Non–ketotic hyperglycinemia)



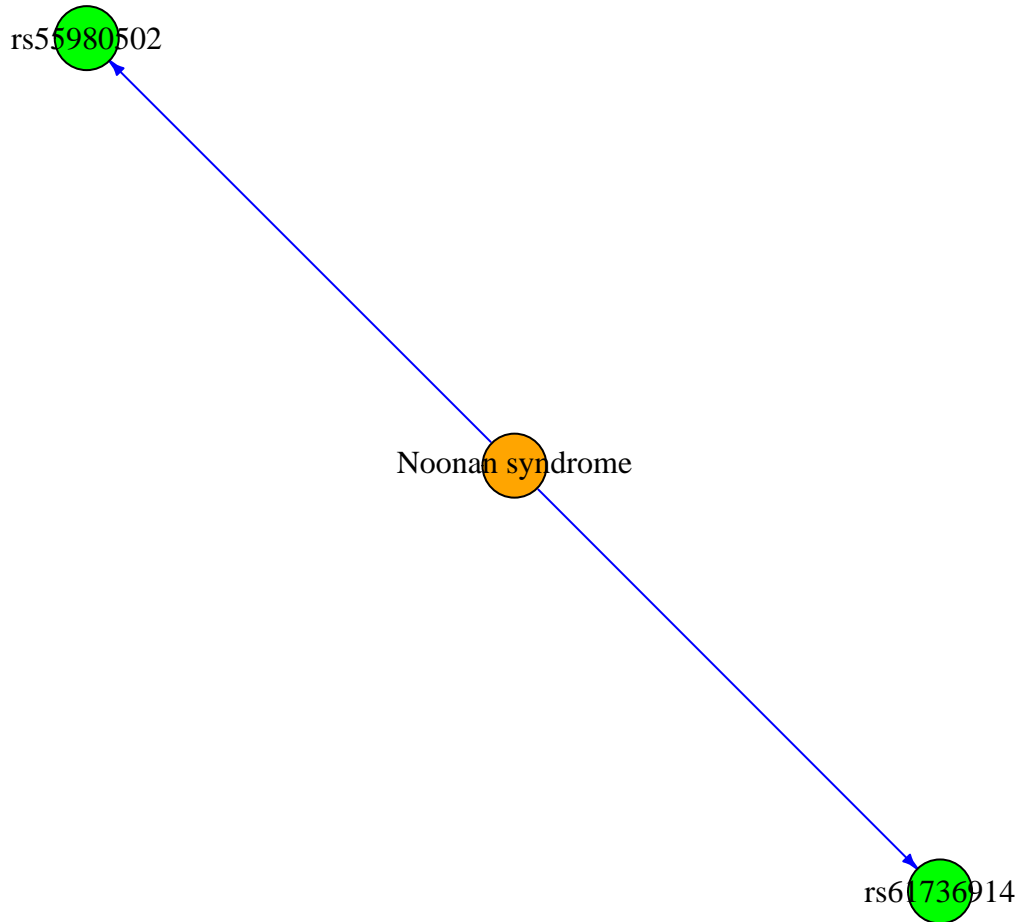
# Variant–Disease Network (Nonsyndromic Hearing Loss)



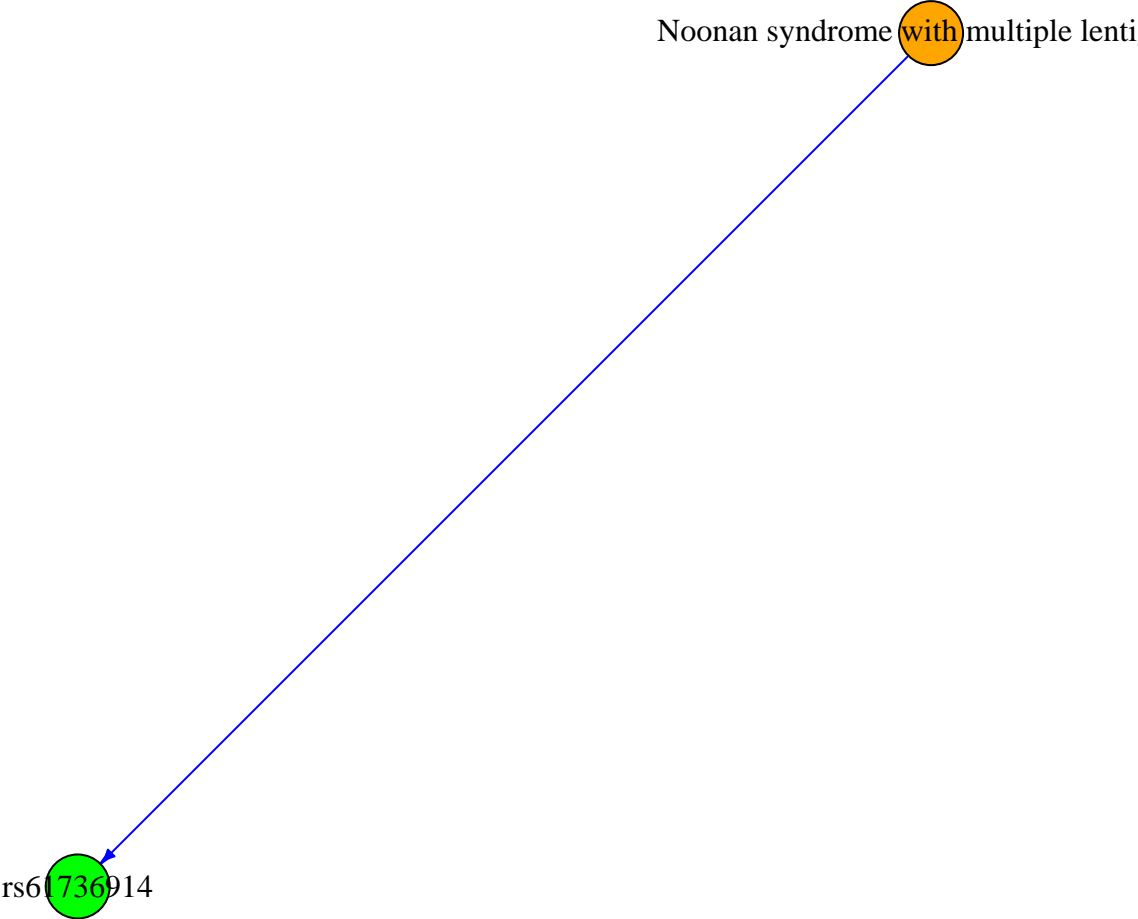
Variant–Disease Network (Non–syndromic X–linked intellectual disability)



## Variant–Disease Network (Noonan syndrome)



Variant–Disease Network (Noonan syndrome with multiple lentigines)

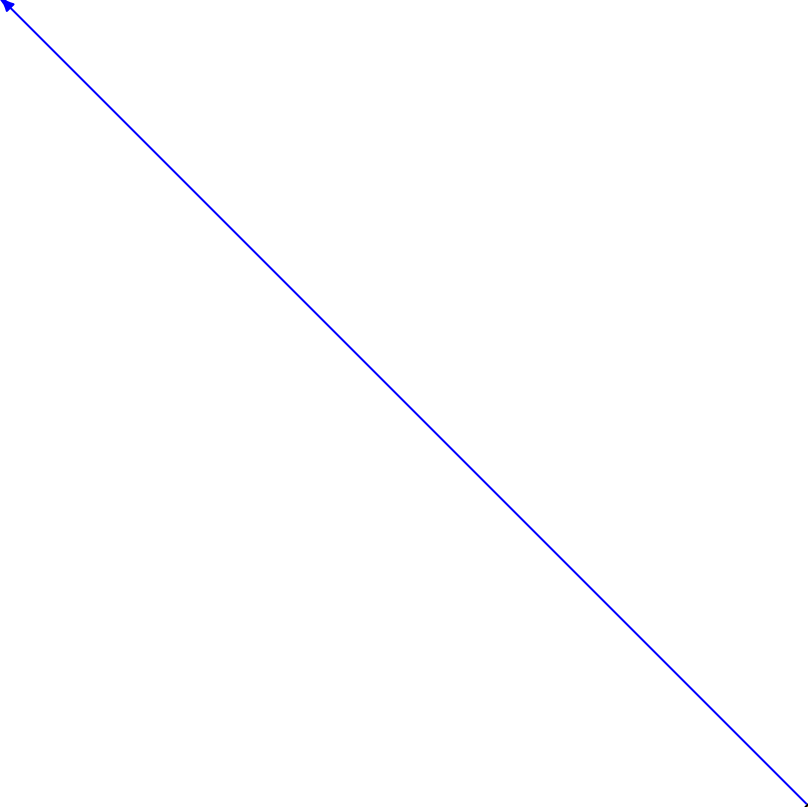




## Variant–Disease Network (Odontoonychodermal dysplasia)

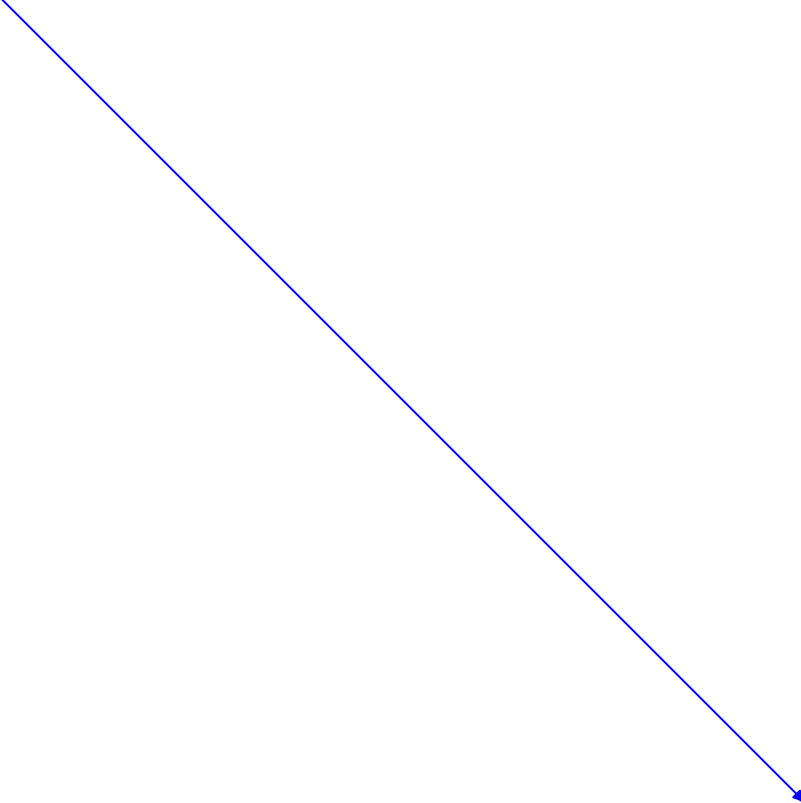
rs143463683

Odontoonychodermal dysplasia



# Variant-Disease Network (Oligodontia-colorectal cancer syndrome)

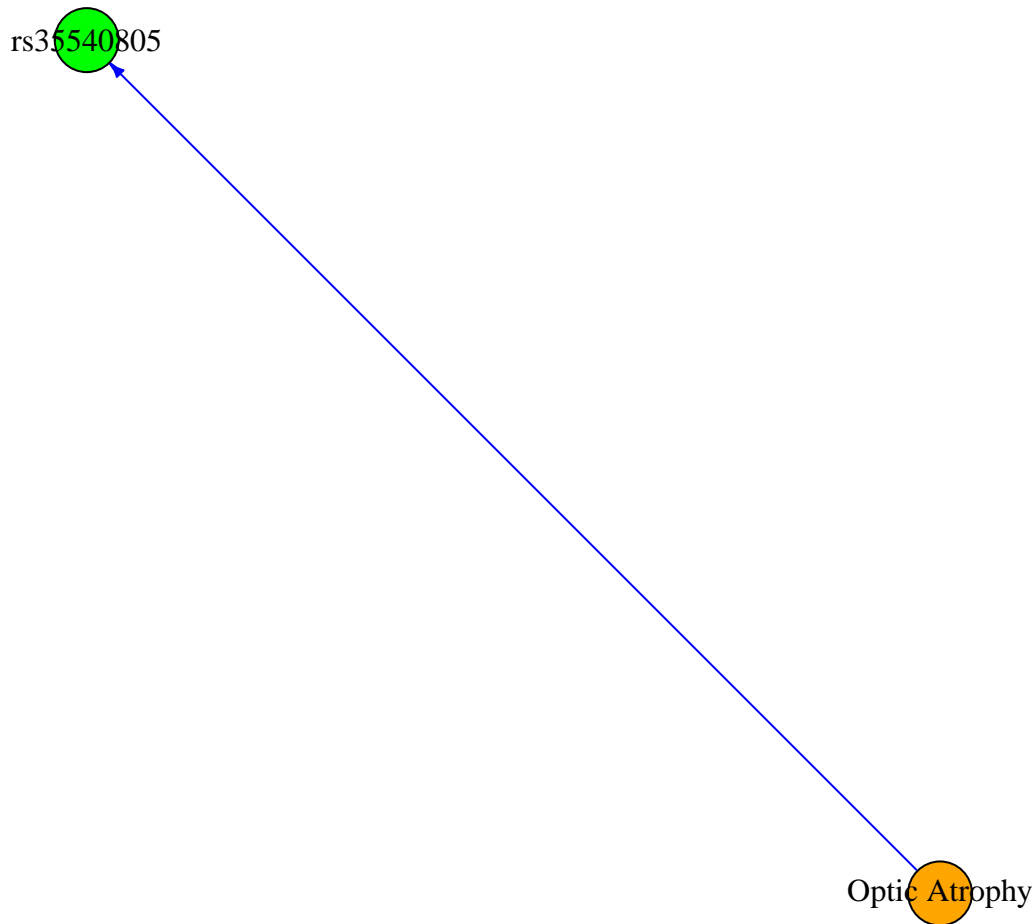
Oligodontia-colorectal cancer syndrome



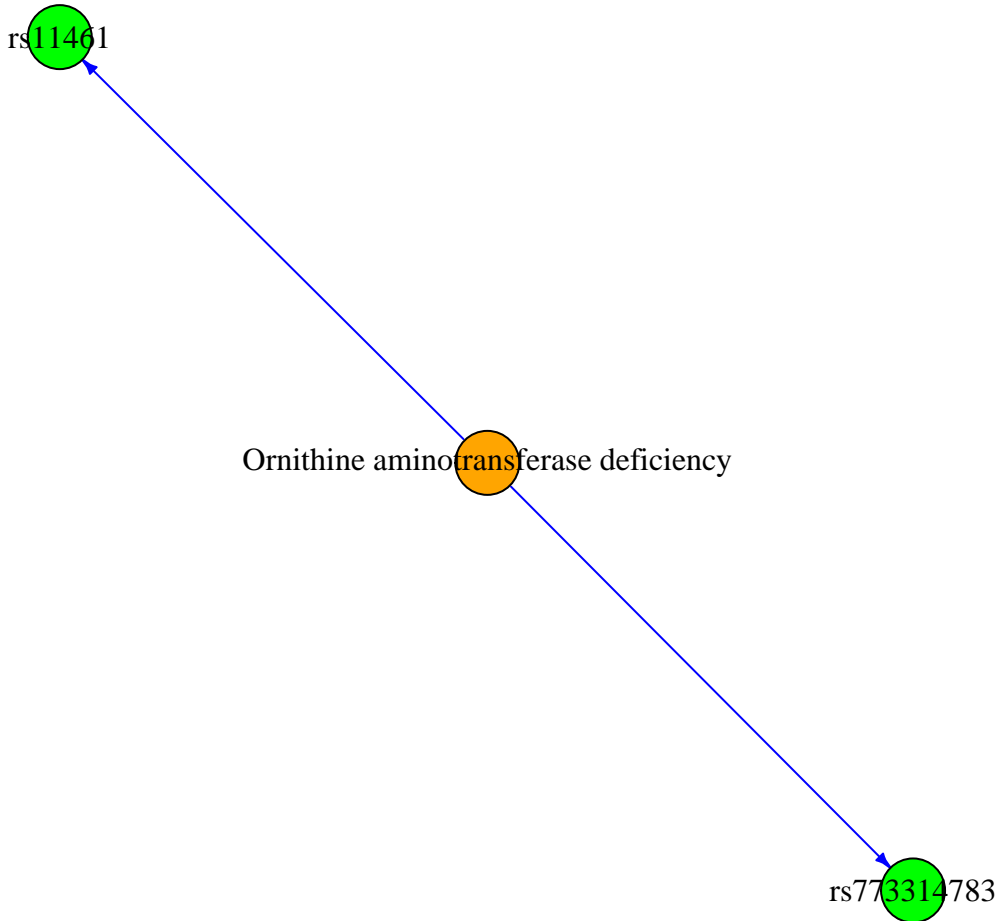
rs377642903



## Variant-Disease Network (Optic Atrophy)



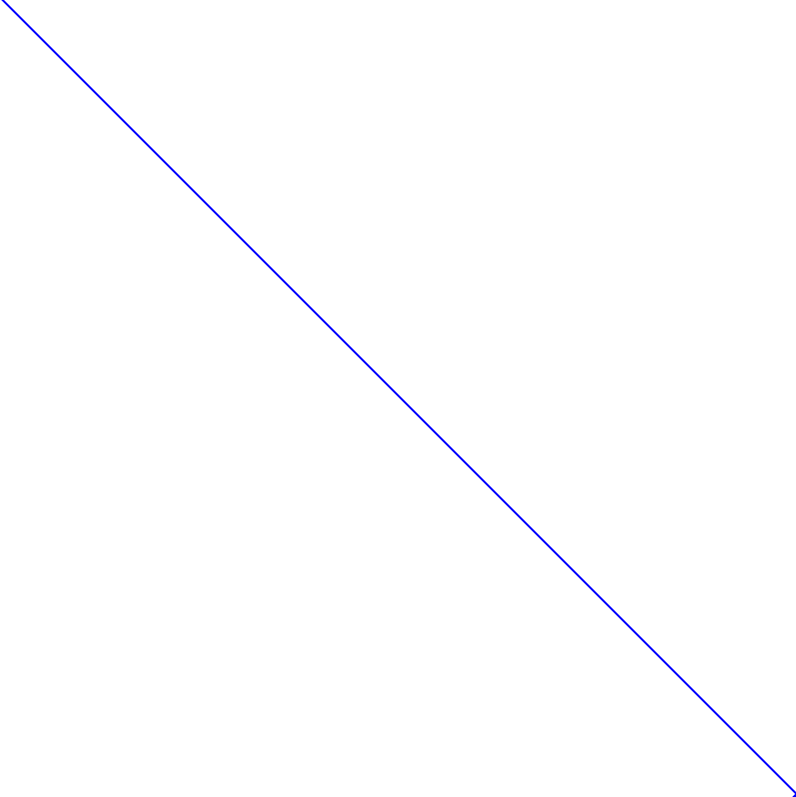
# Variant–Disease Network (Ornithine aminotransferase deficiency)



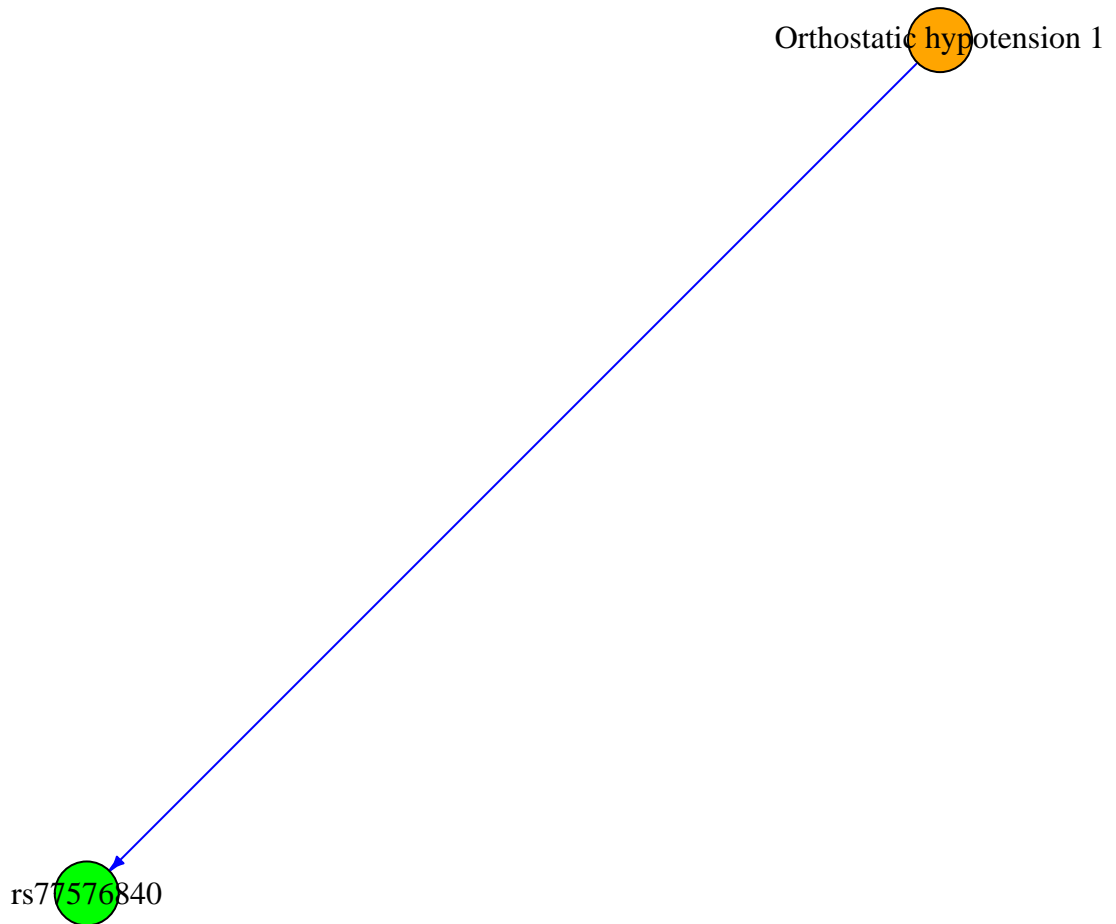
## Variant–Disease Network (Ornithine carbamoyltransferase deficiency)

Ornithine carbamoyltransferase deficiency

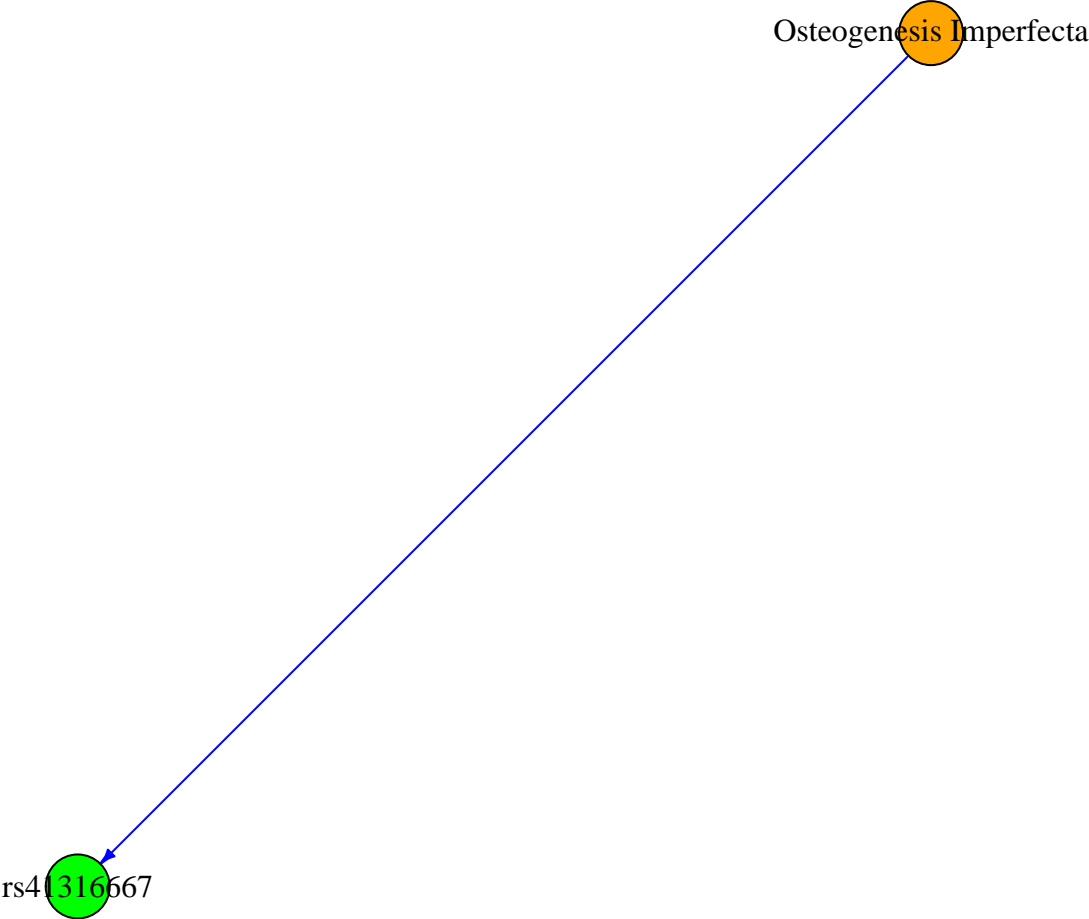
rs72558415



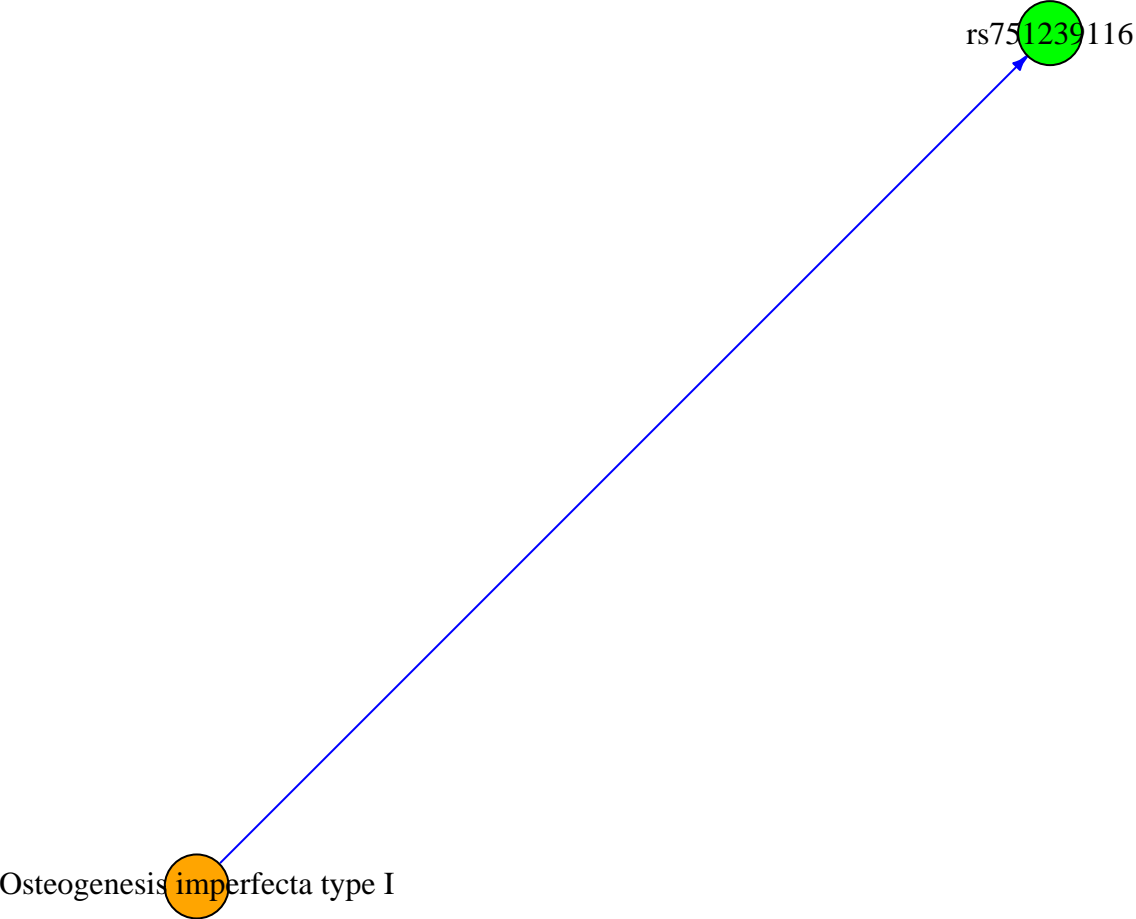
## Variant–Disease Network (Orthostatic hypotension 1)



Variant–Disease Network (Osteogenesis Imperfecta)

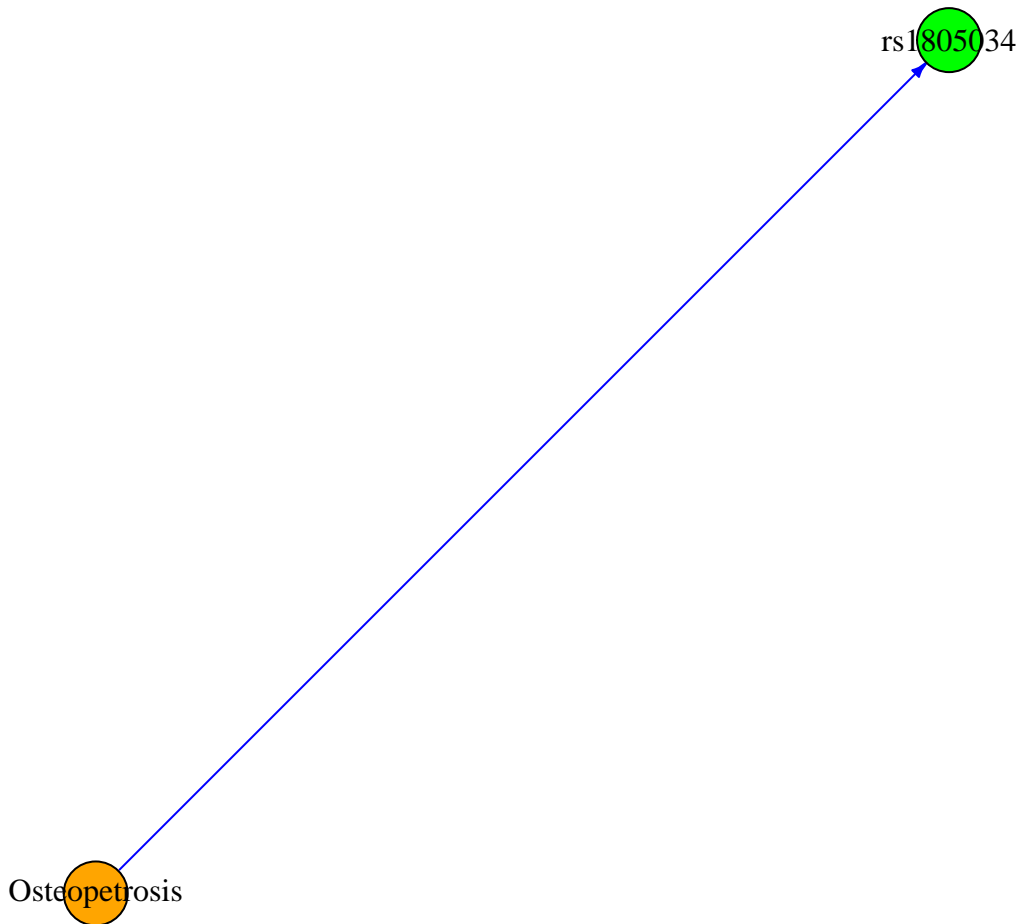


Variant–Disease Network (Osteogenesis imperfecta type I)

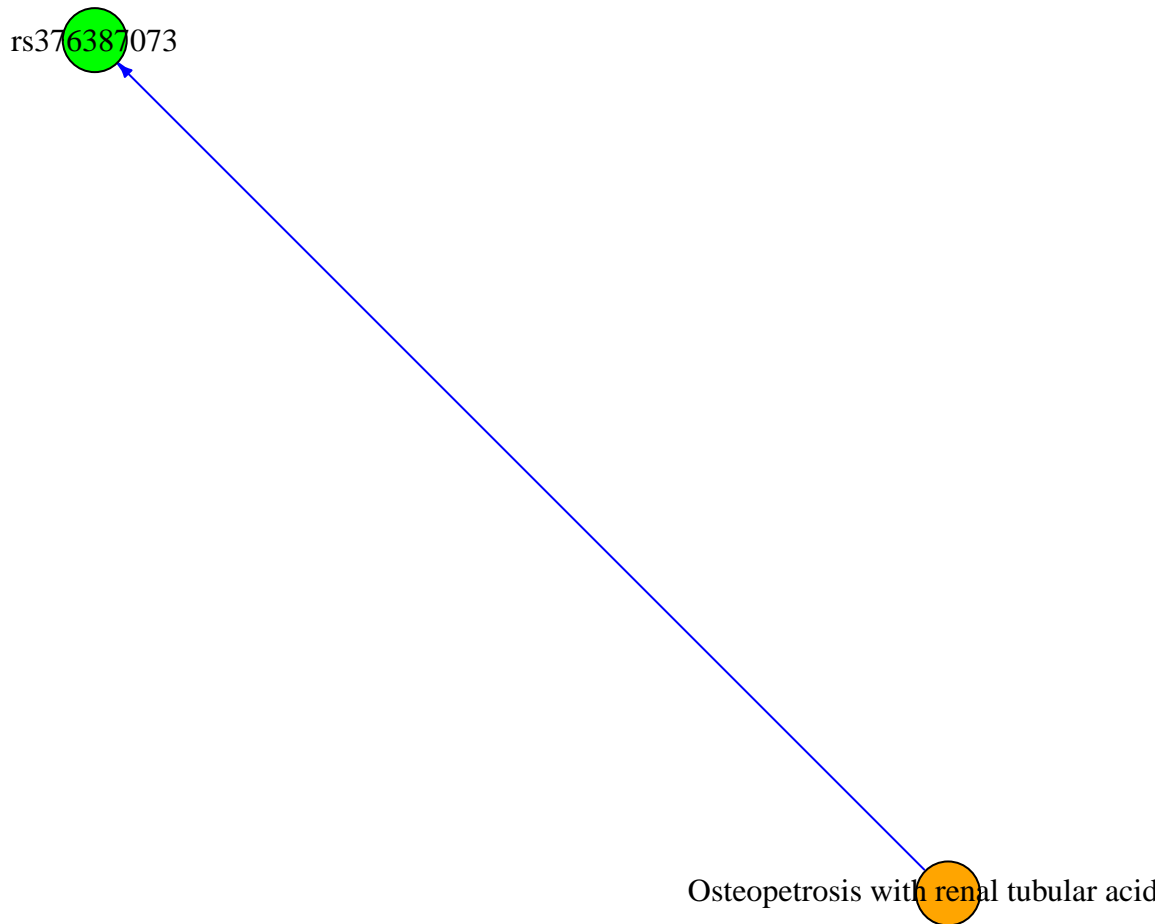




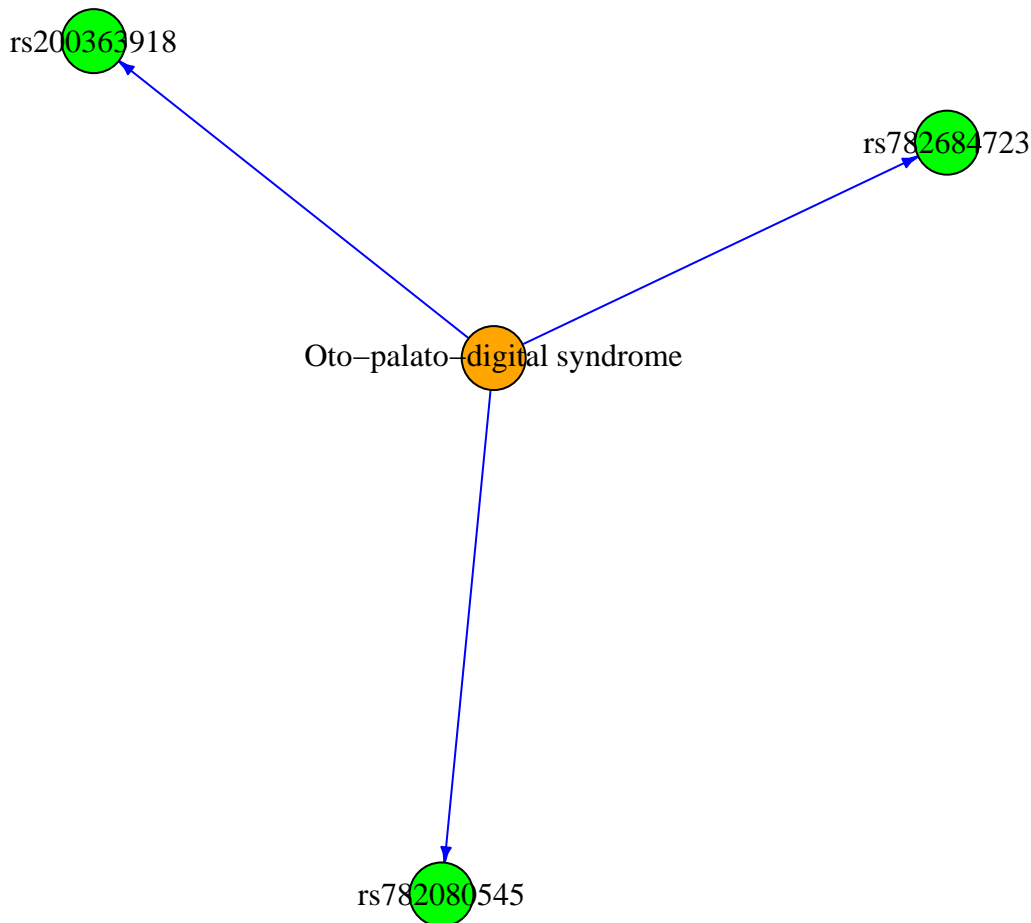
## Variant–Disease Network (Osteopetrosis)



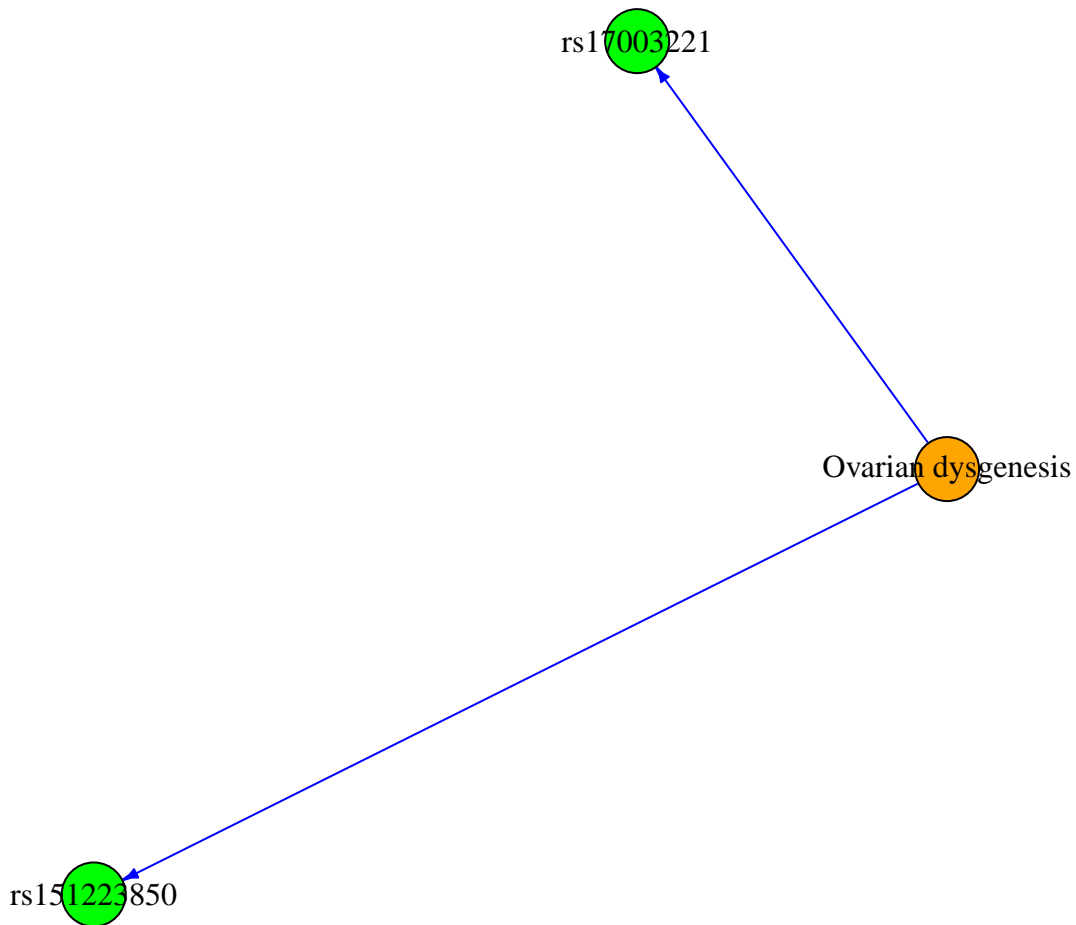
## Variant–Disease Network (Osteopetrosis with renal tubular acidosis)



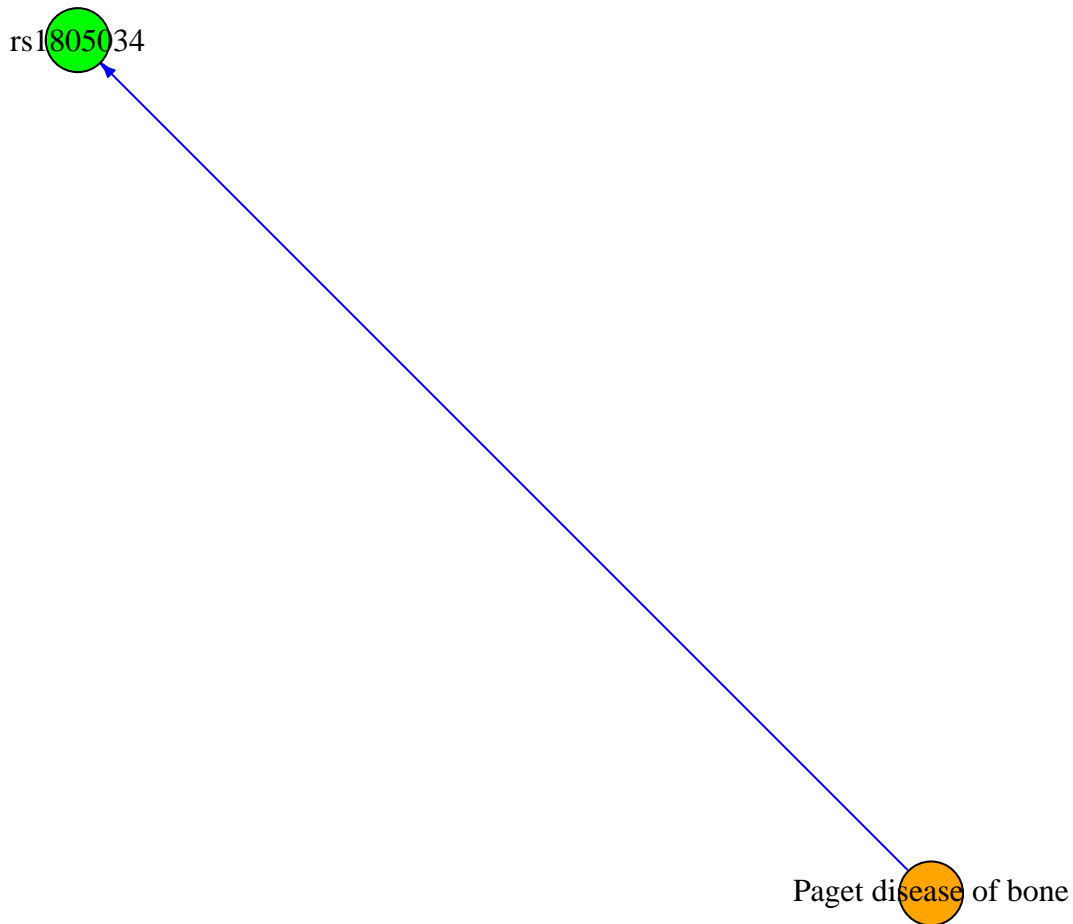
# Variant–Disease Network (Oto–palato–digital syndrome)



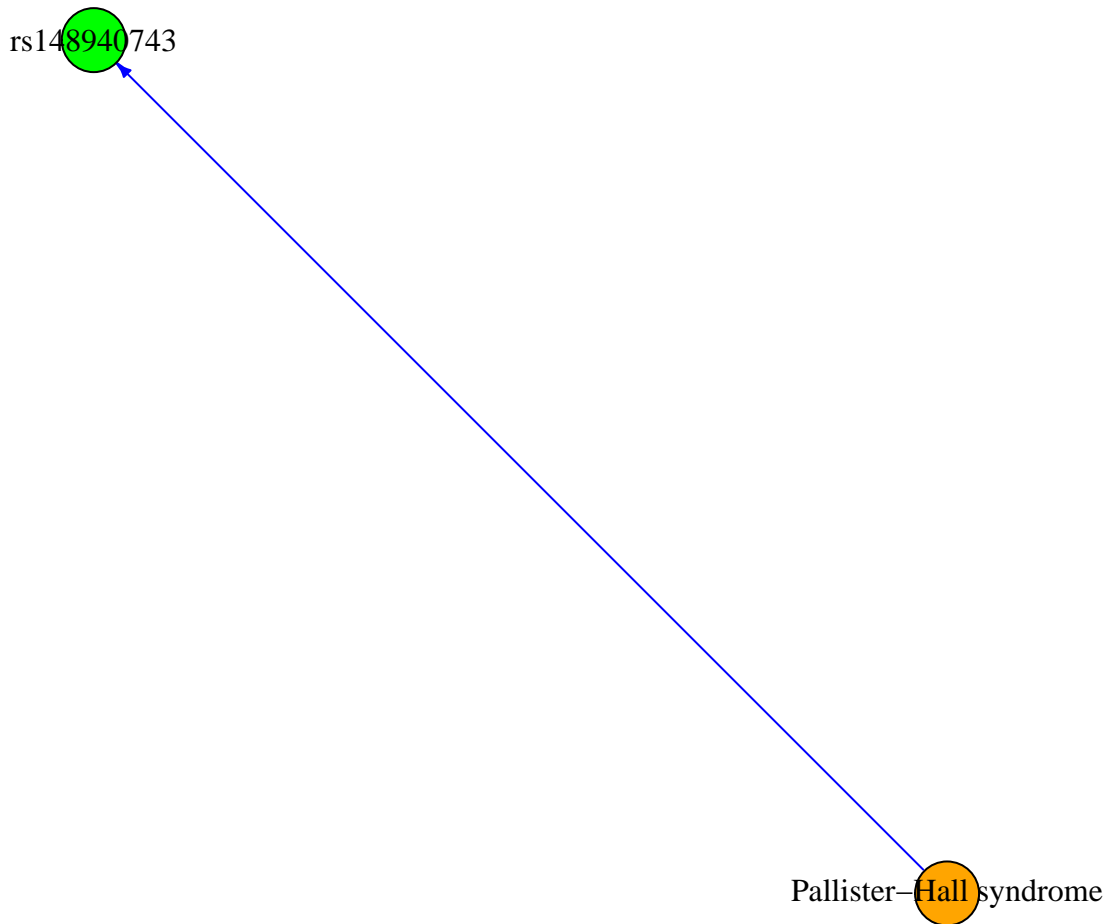
## Variant–Disease Network (Ovarian dysgenesis)



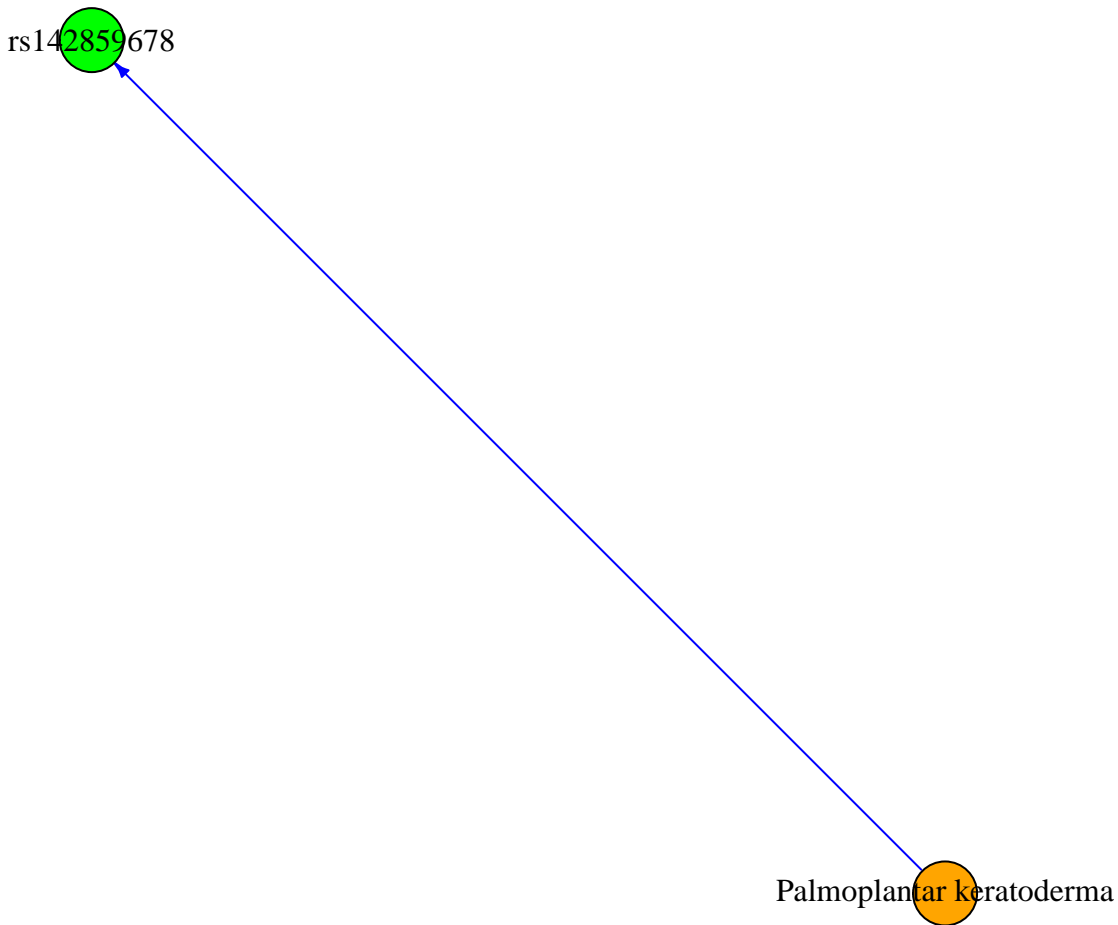
## Variant–Disease Network (Paget disease of bone)



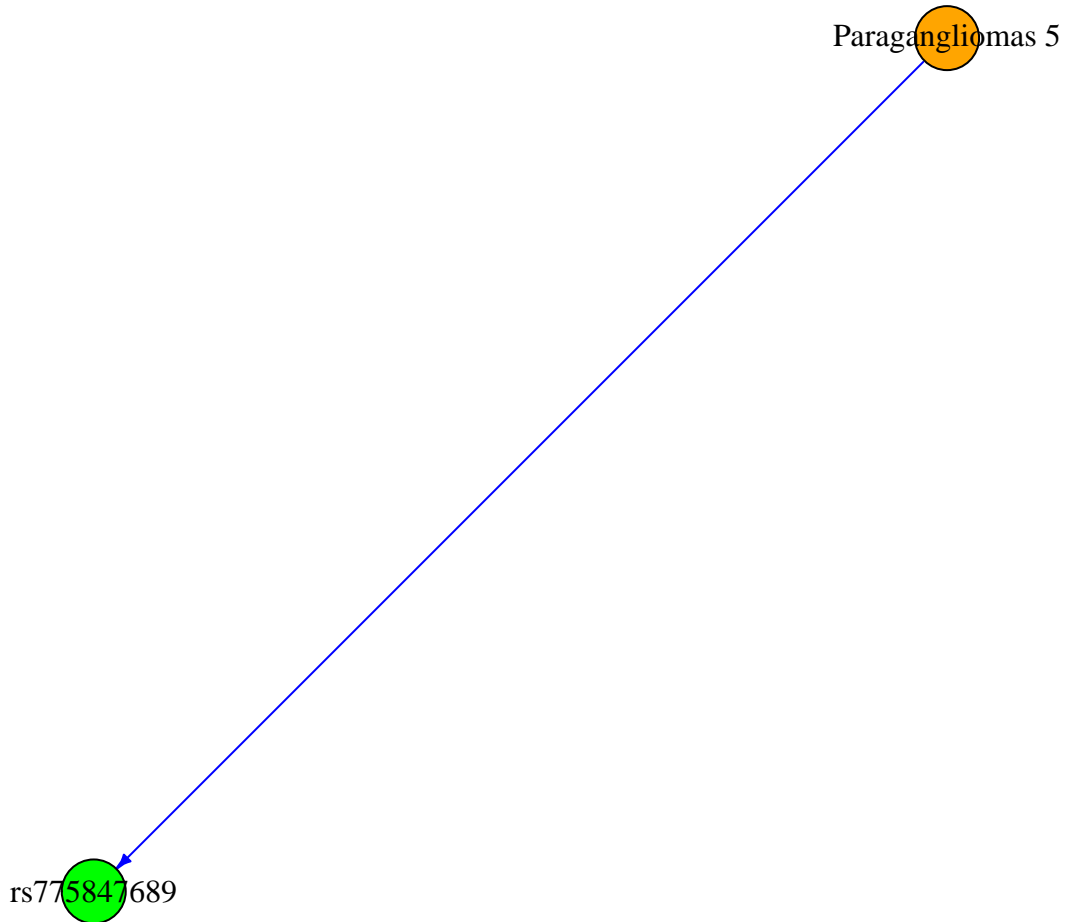
## Variant–Disease Network (Pallister–Hall syndrome)



# Variant-Disease Network (Palmoplantar keratoderma)



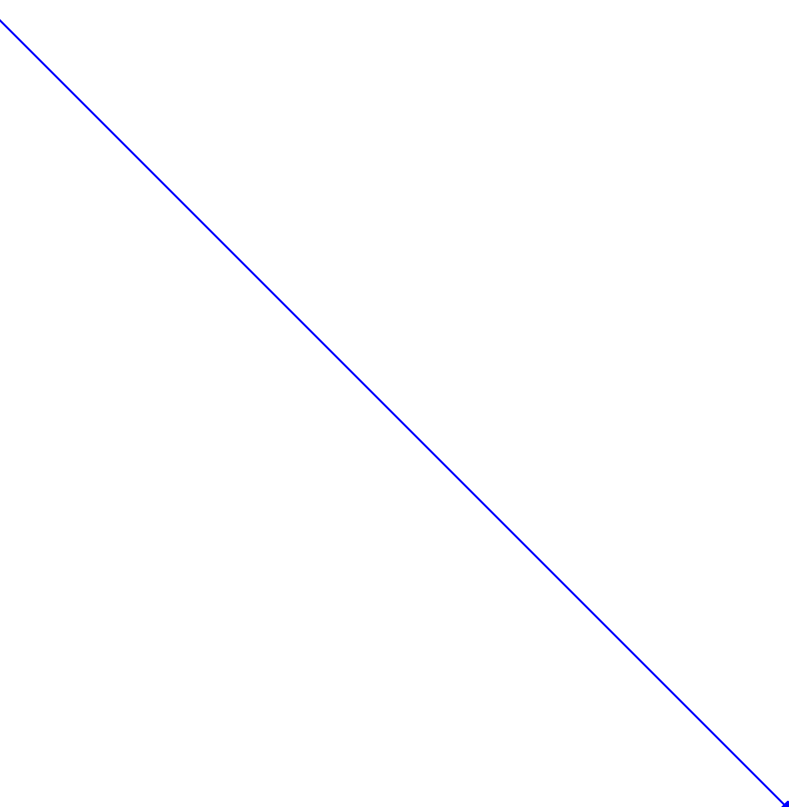
## Variant–Disease Network (Paragangliomas 5)





**Variant–Disease Network (Paramyotonia congenita of von Eulenburg)**

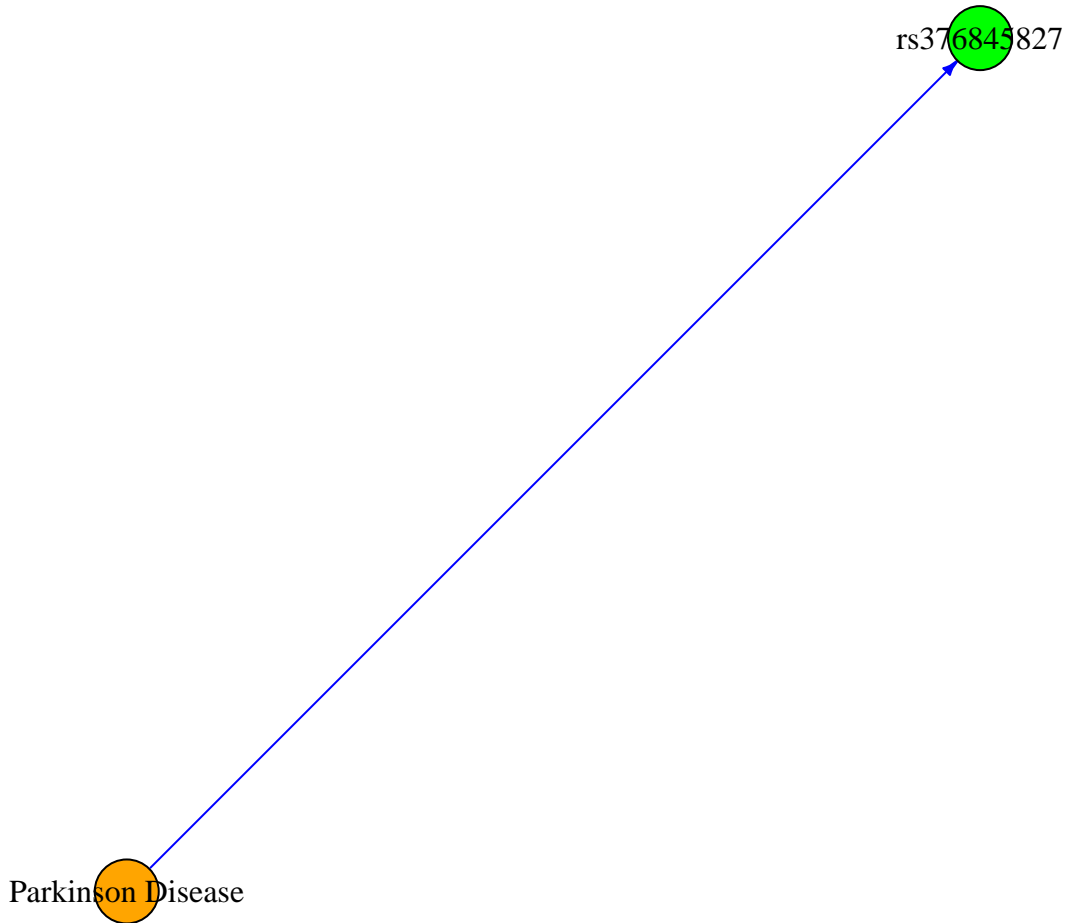
Paramyotonia congenita of von Eulenburg



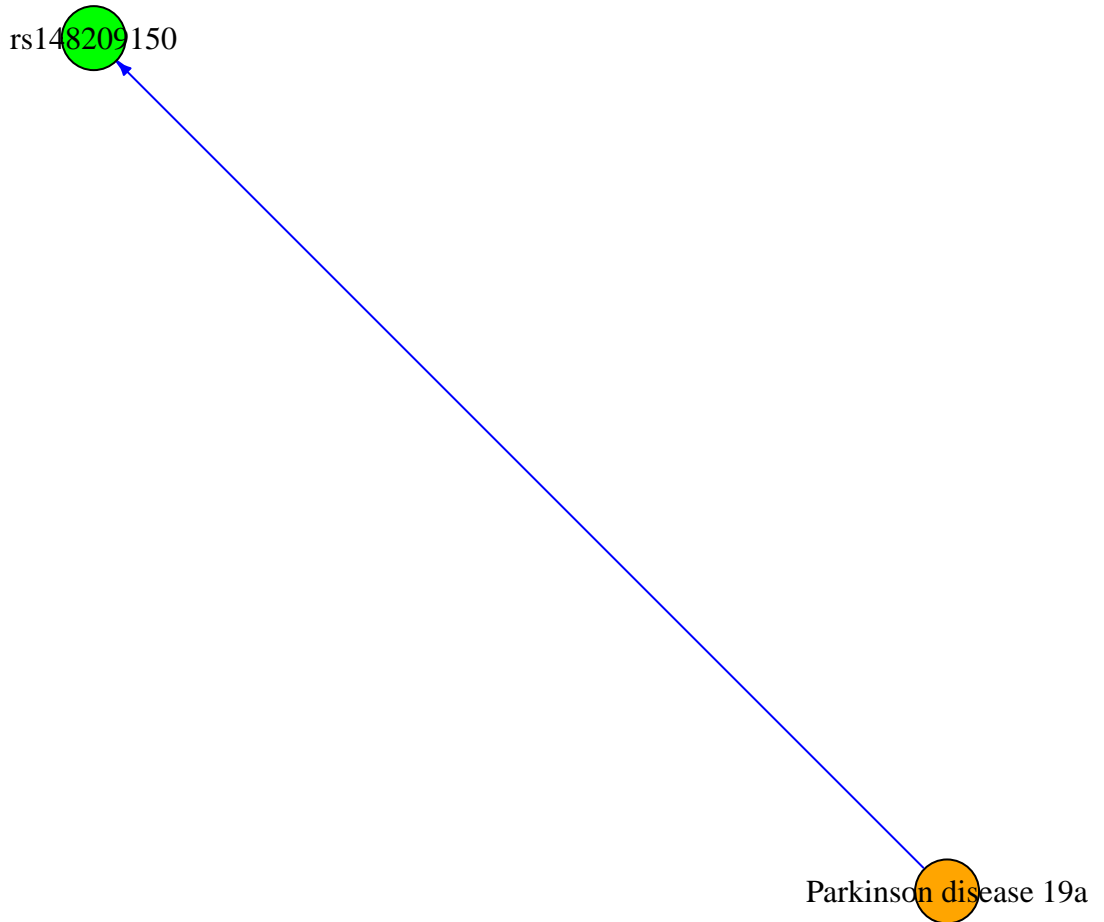
rs72851170



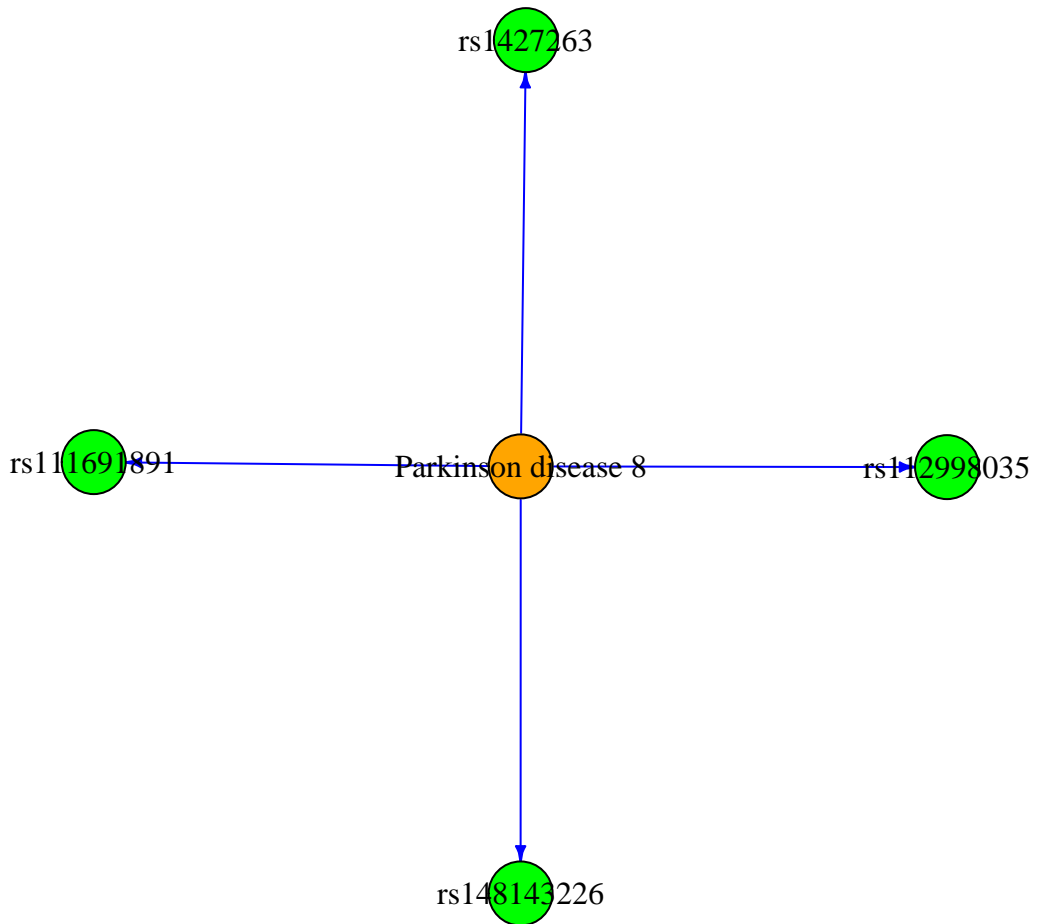
## Variant–Disease Network (Parkinson Disease)



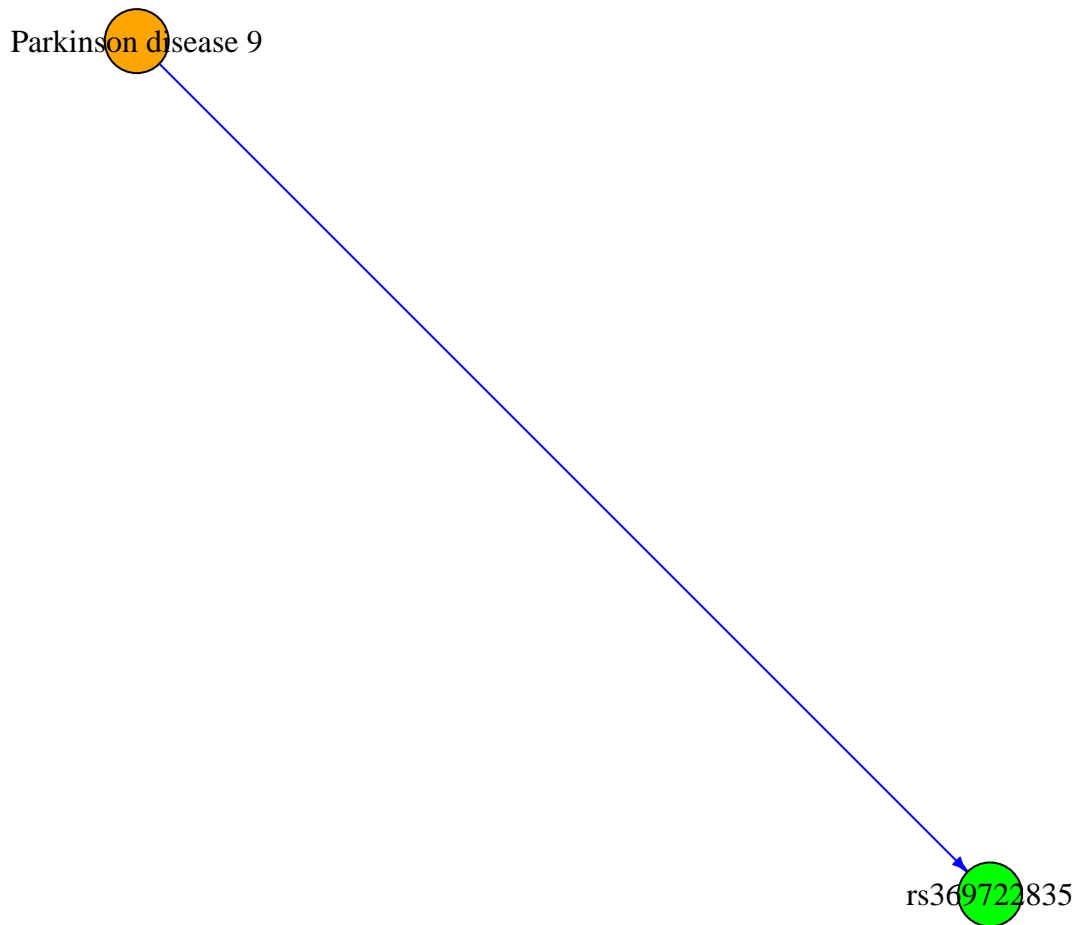
## Variant-Disease Network (Parkinson disease 19a)



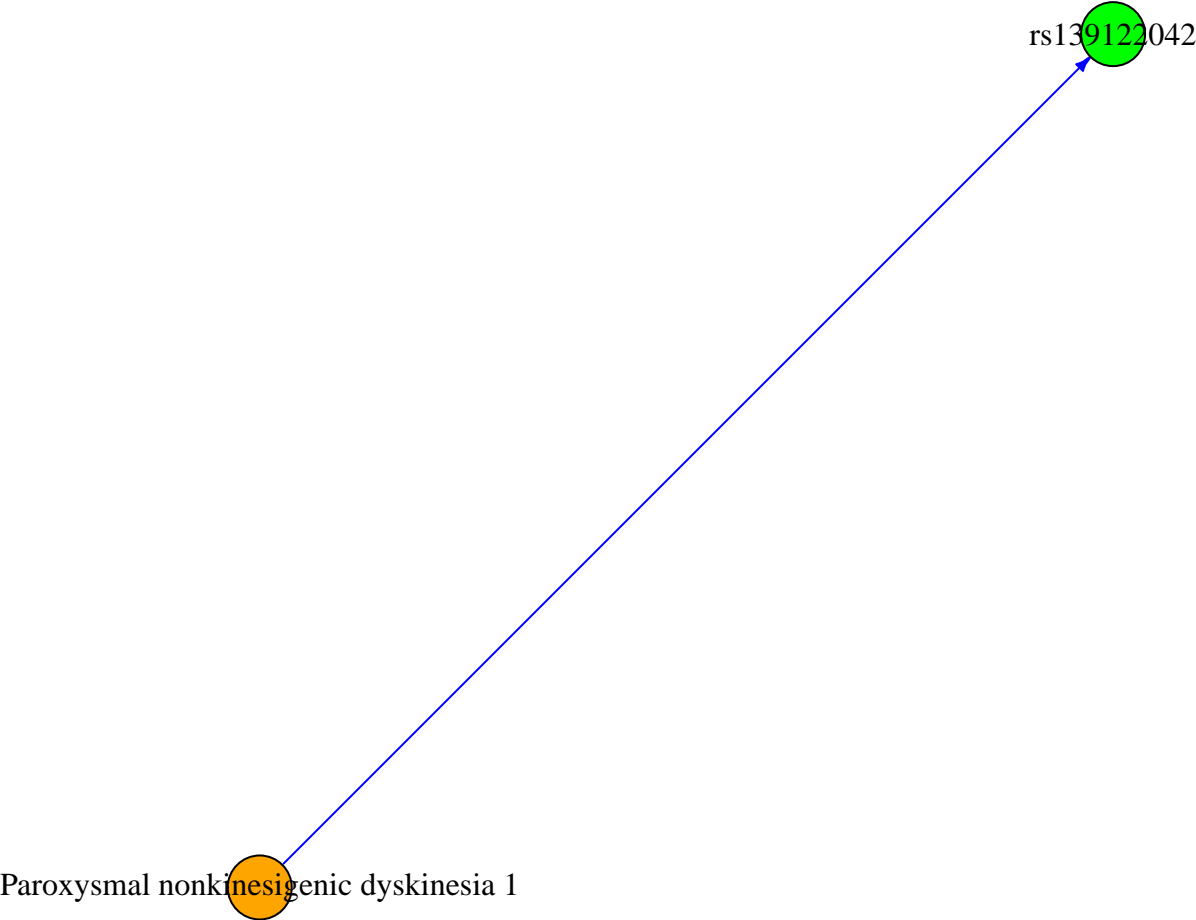
## Variant–Disease Network (Parkinson disease 8)



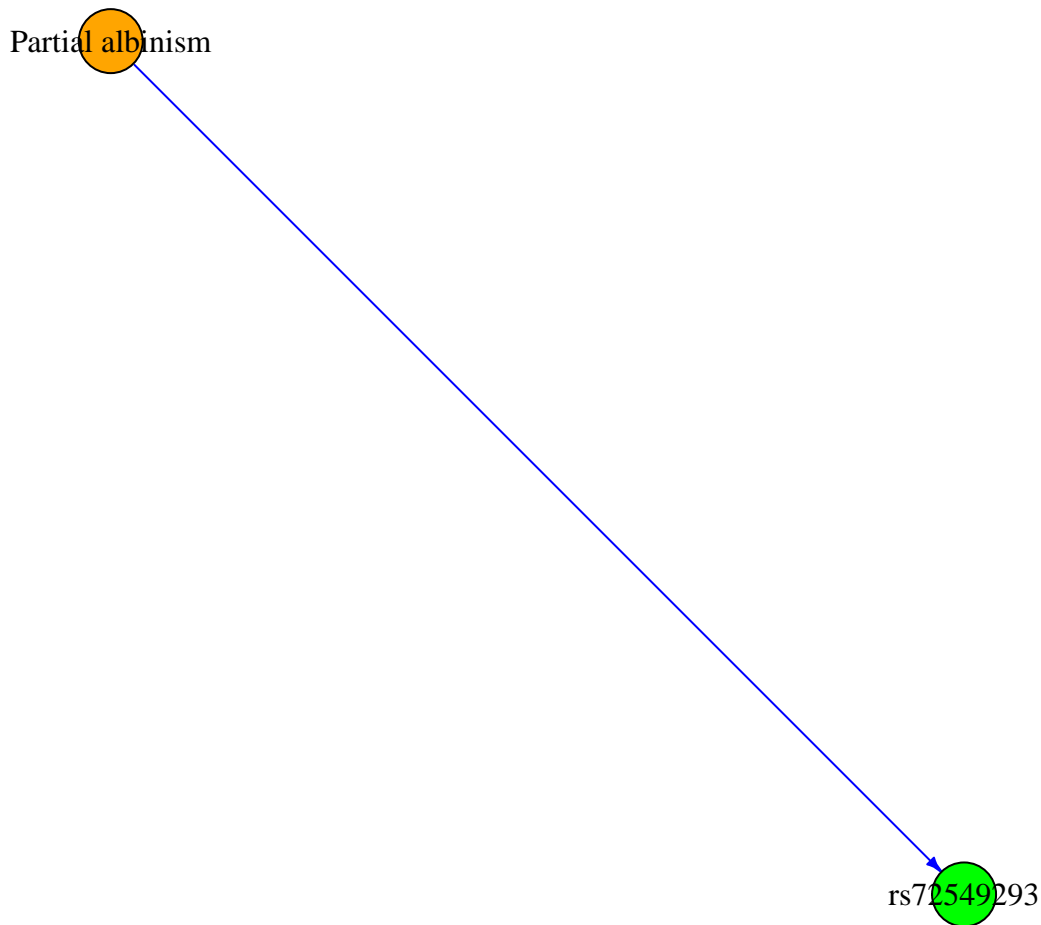
## Variant–Disease Network (Parkinson disease 9)



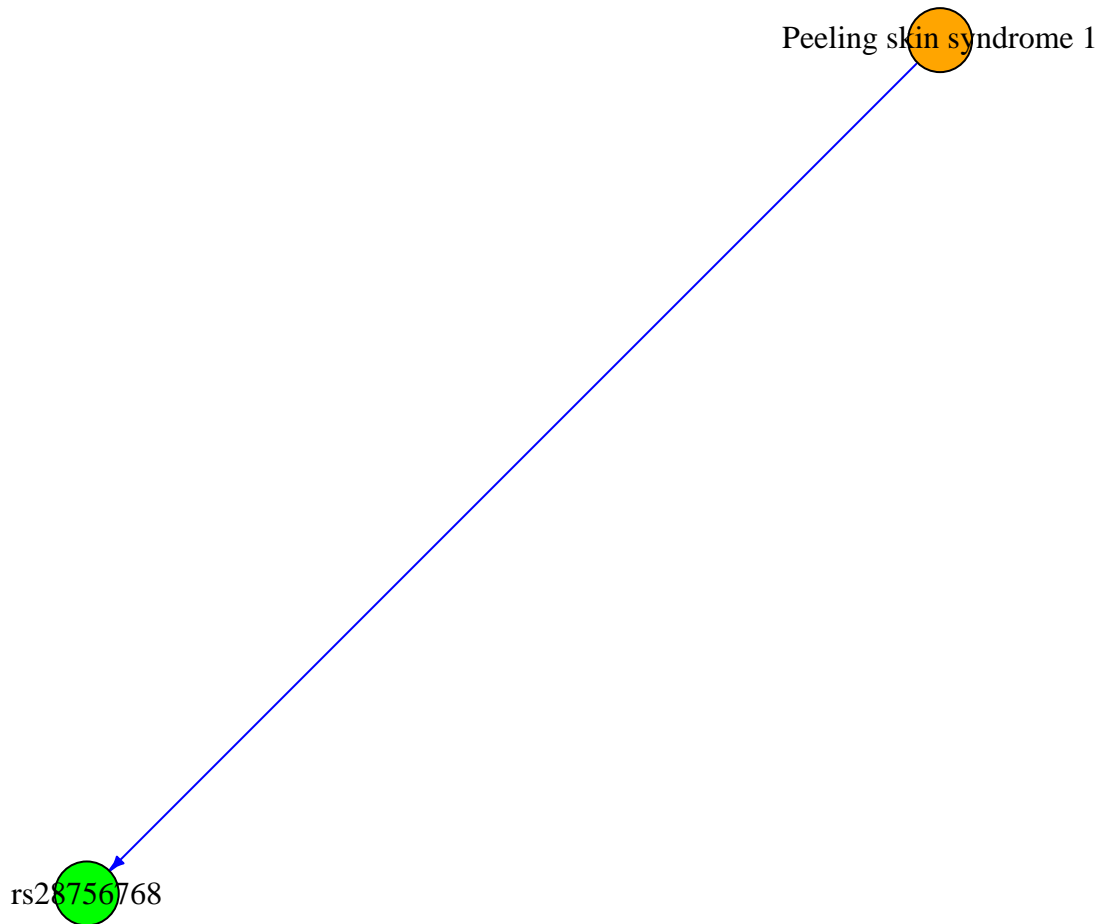
**Variant–Disease Network (Paroxysmal nonkinesigenic dyskinesia 1)**



## Variant–Disease Network (Partial albinism)

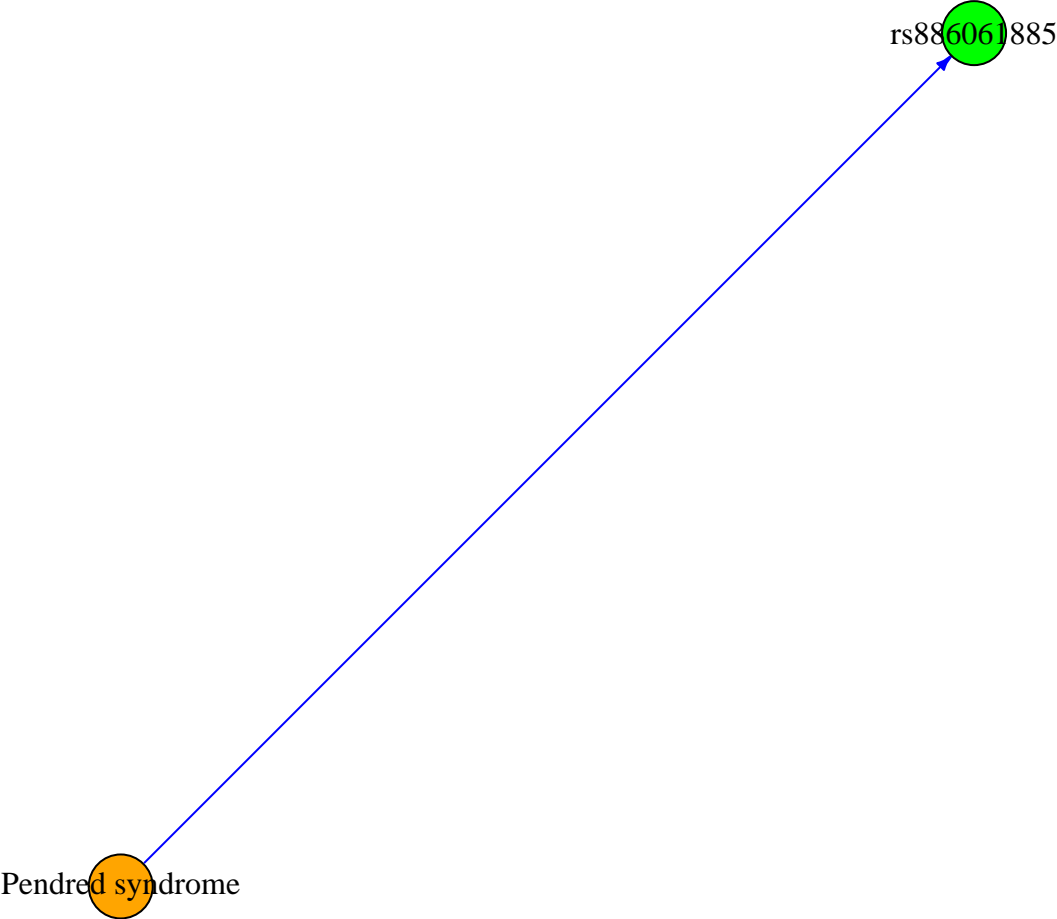


## Variant–Disease Network (Peeling skin syndrome 1)

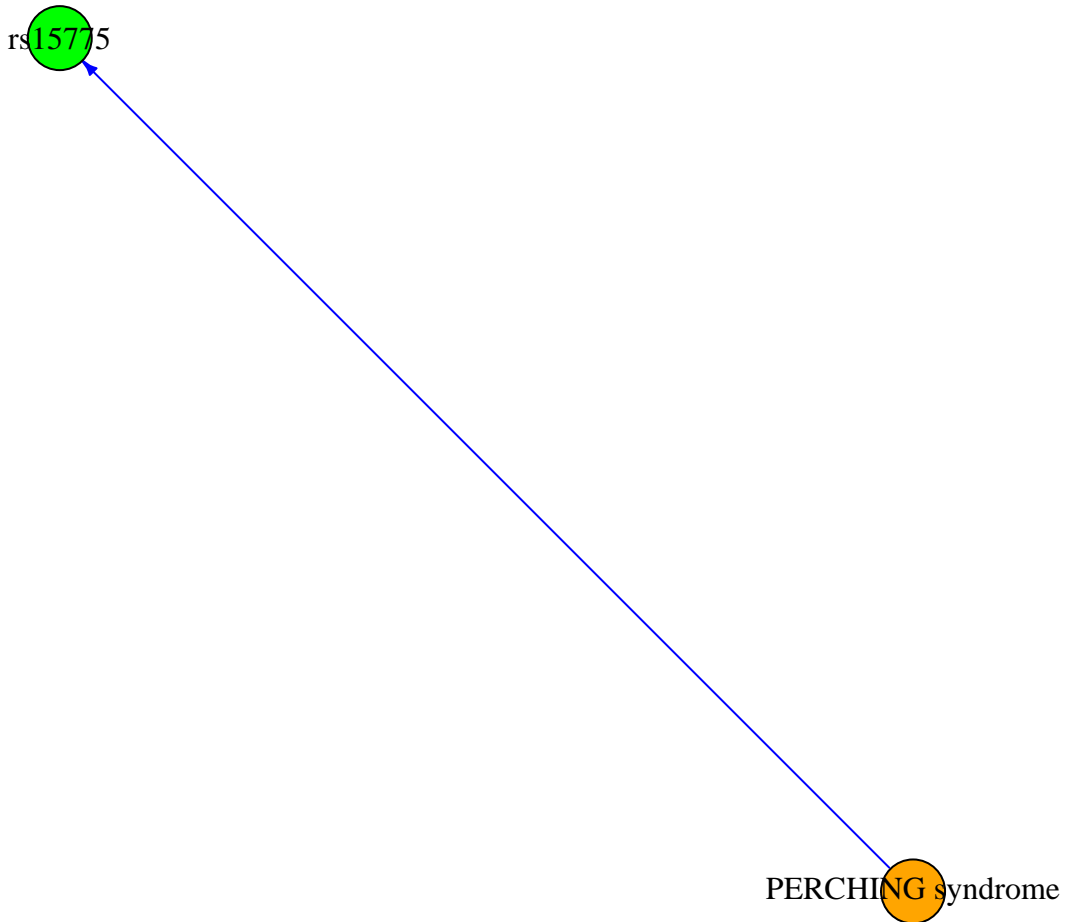




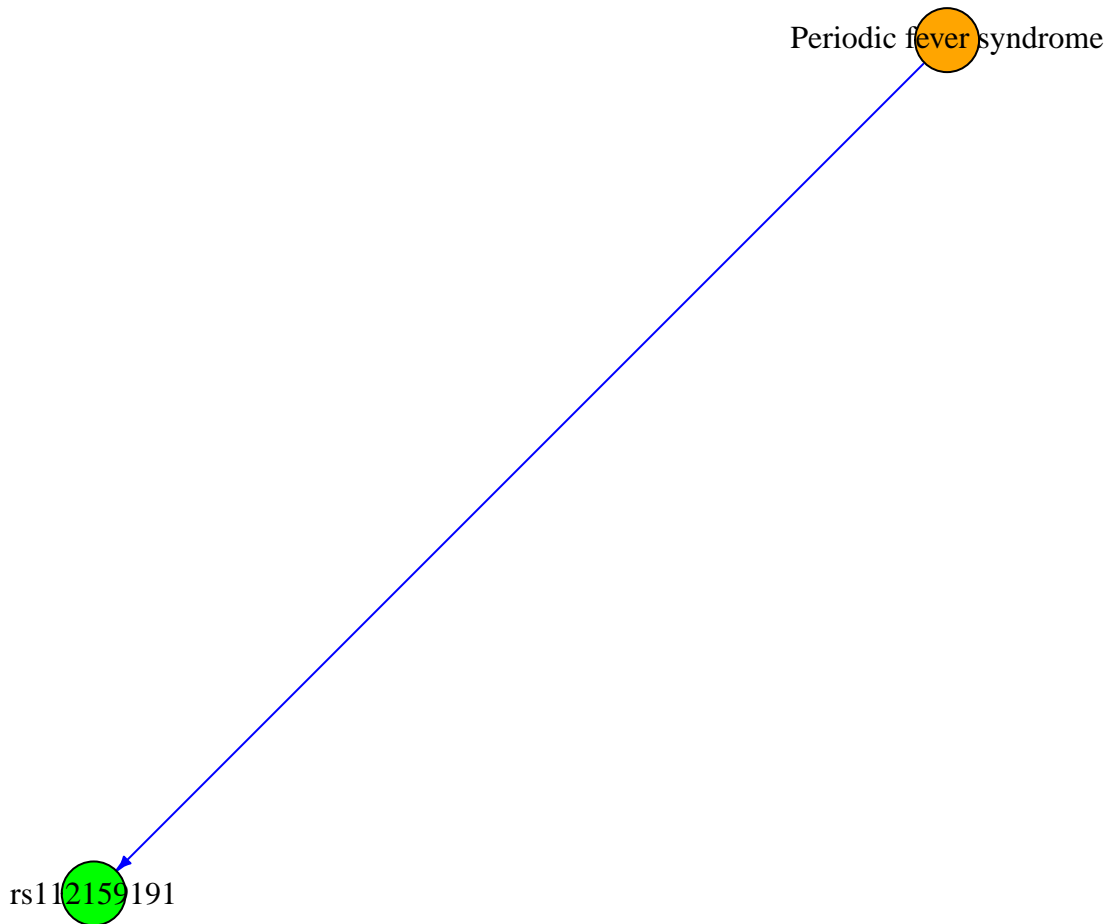
Variant–Disease Network (Pendred syndrome)



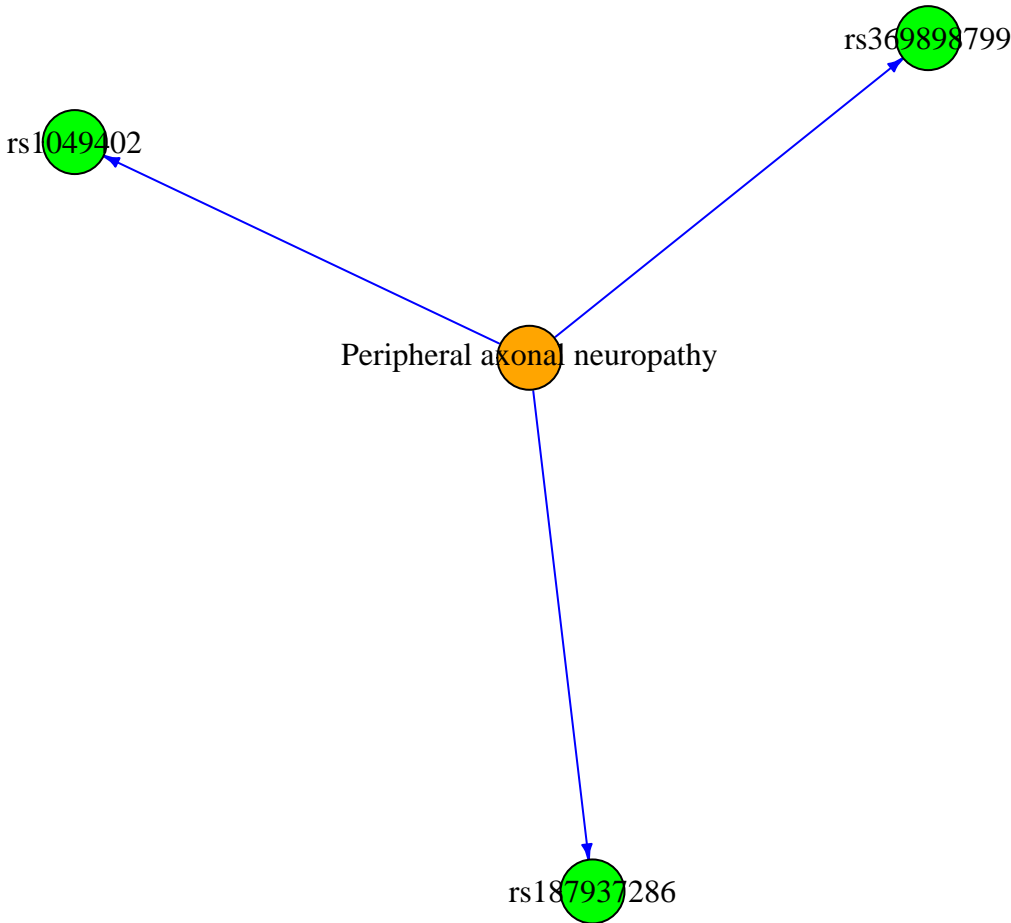
## Variant–Disease Network (PERCHING syndrome)



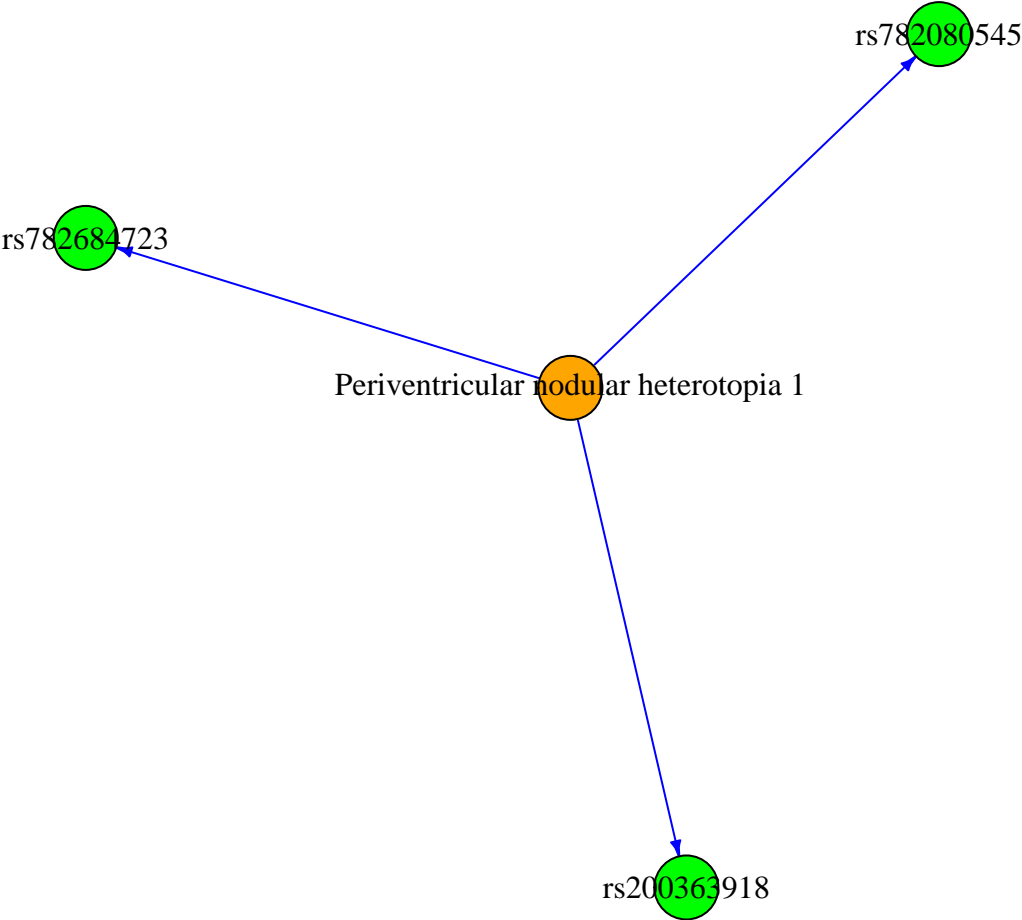
## Variant-Disease Network (Periodic fever syndrome)



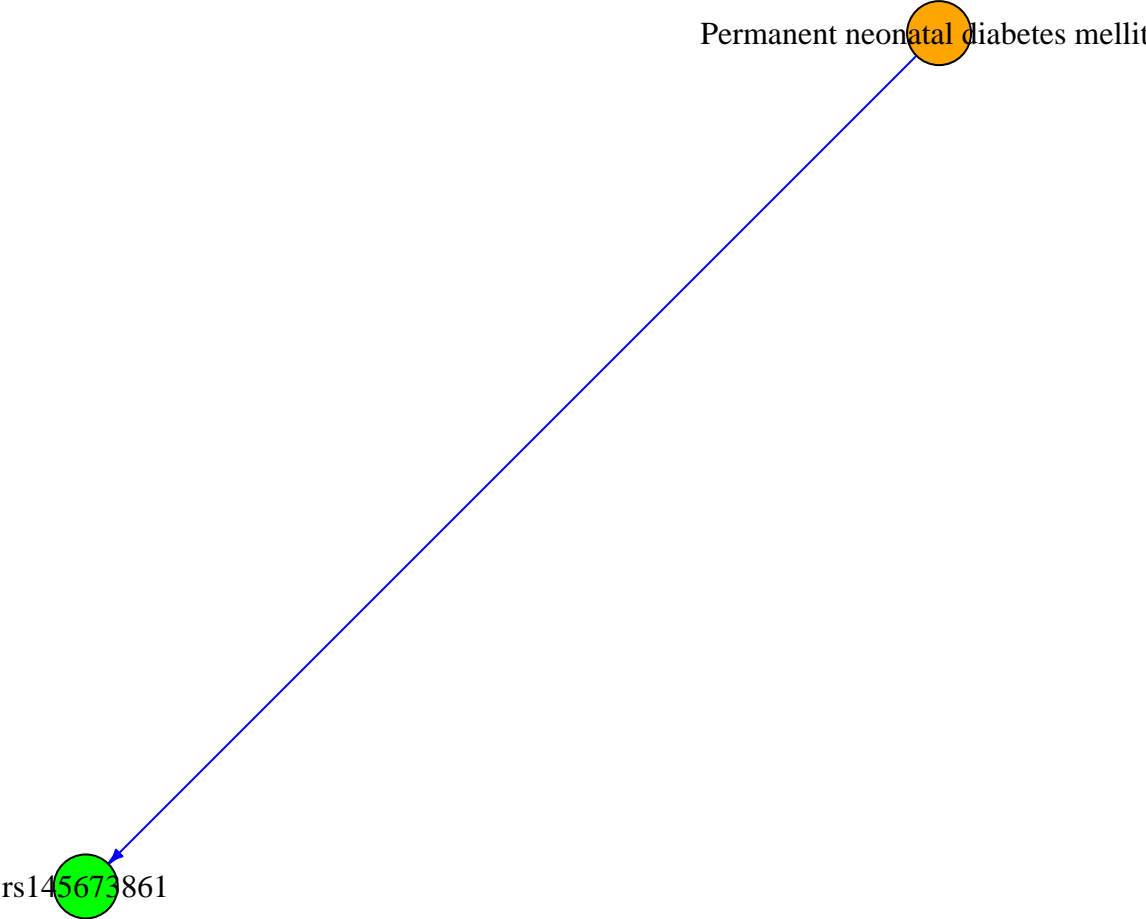
Variant–Disease Network (Peripheral axonal neuropathy)



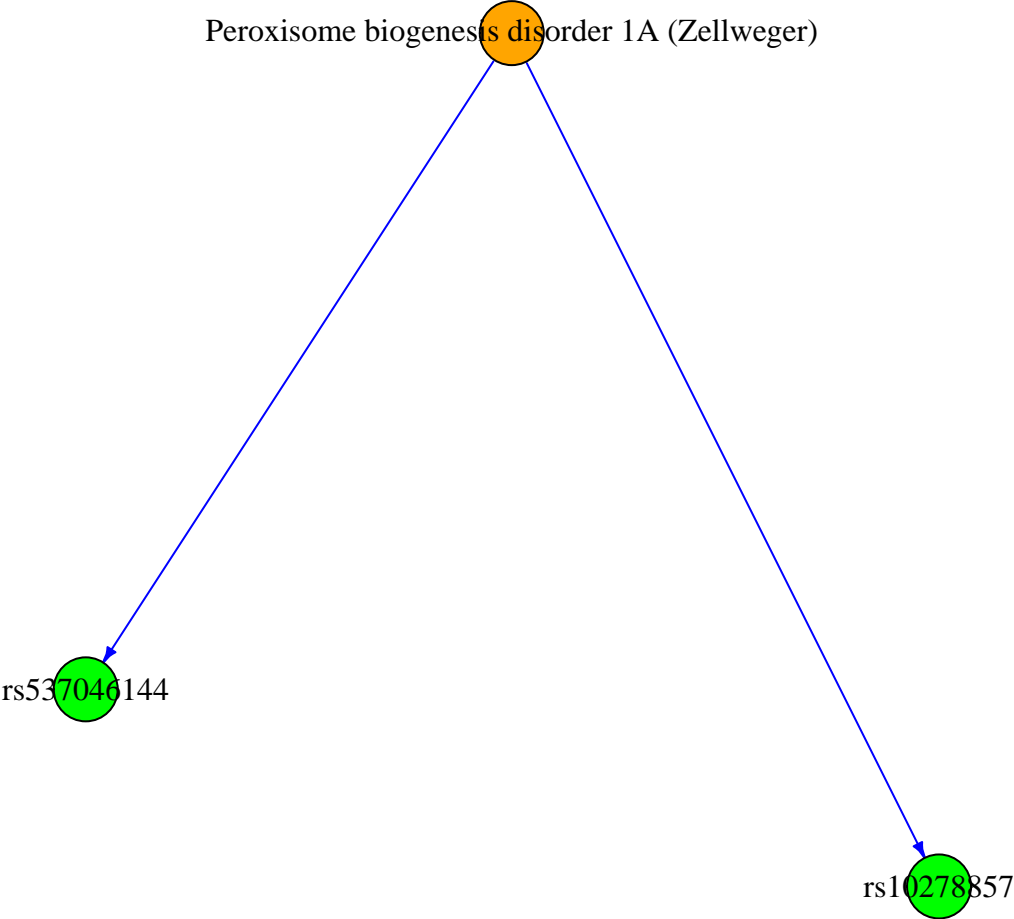
Variant–Disease Network (Periventricular nodular heterotopia 1)



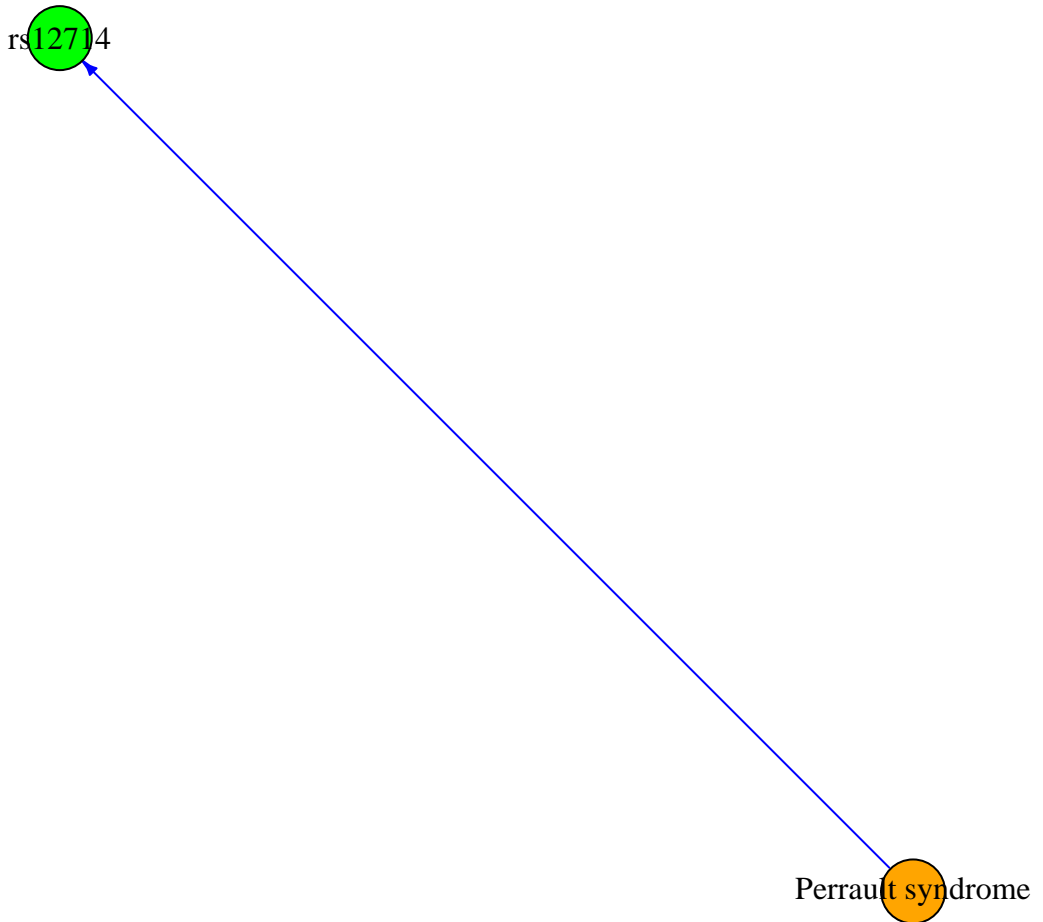
Variant–Disease Network (Permanent neonatal diabetes mellitus)



Variant–Disease Network (Peroxisome biogenesis disorder 1A (Zellweger

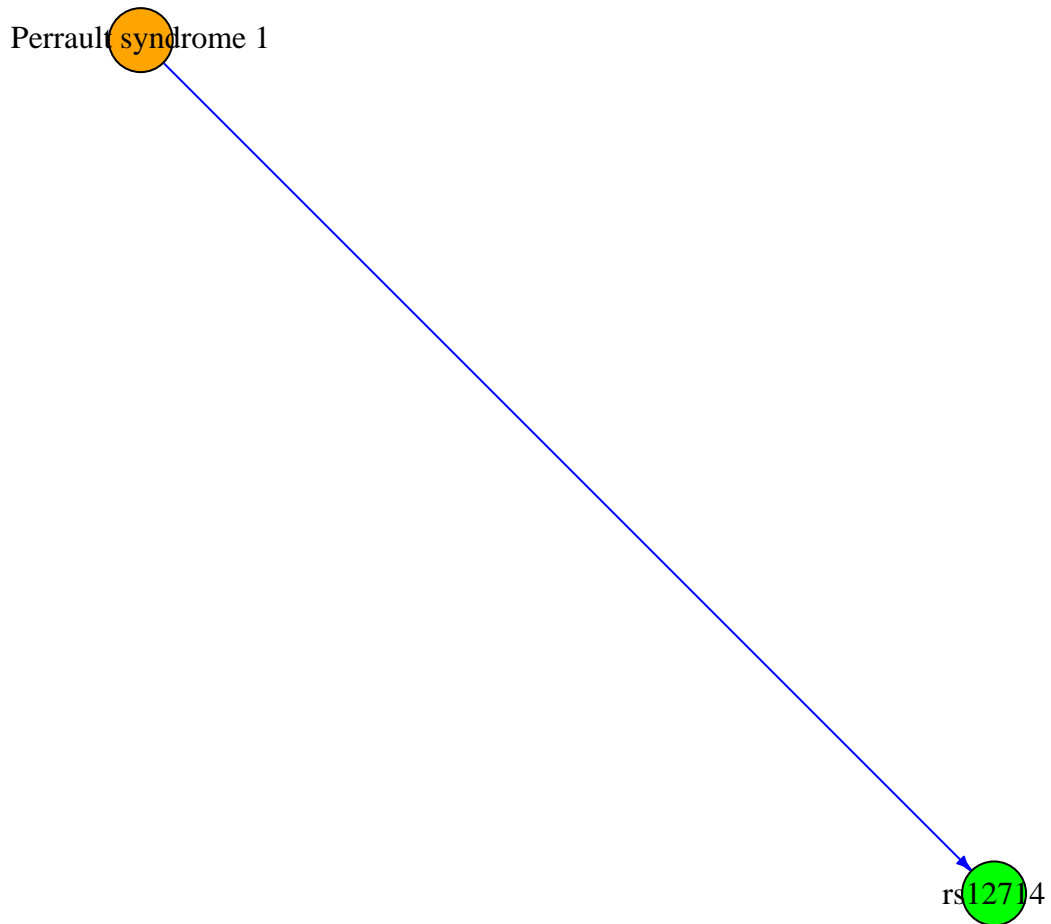


## Variant–Disease Network (Perrault syndrome)

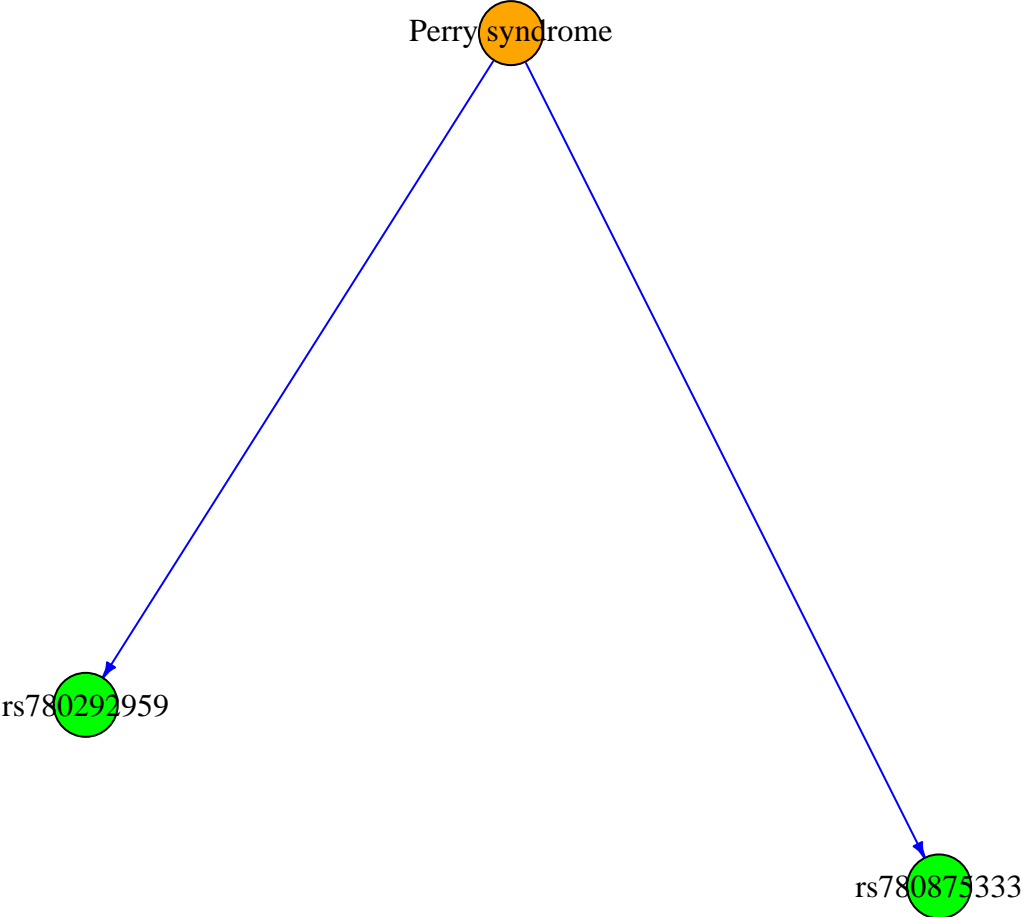




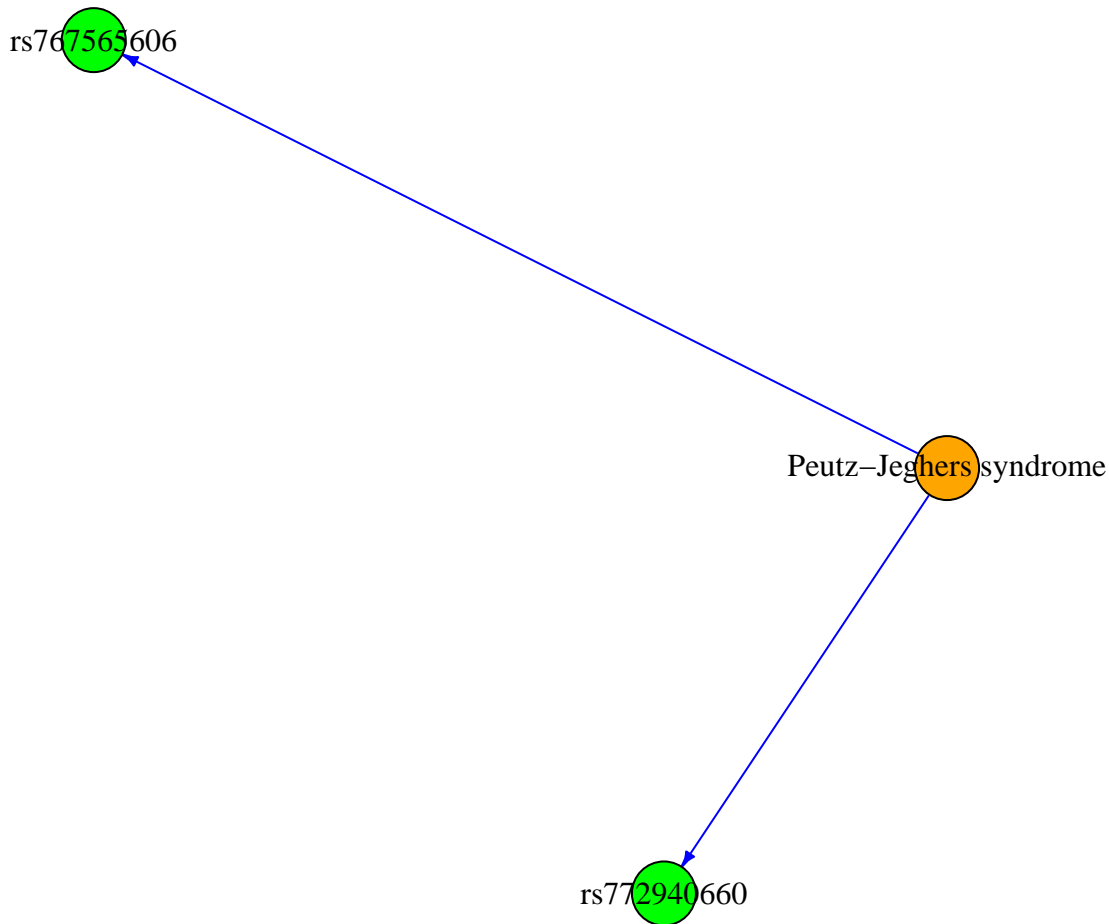
## Variant–Disease Network (Perrault syndrome 1)



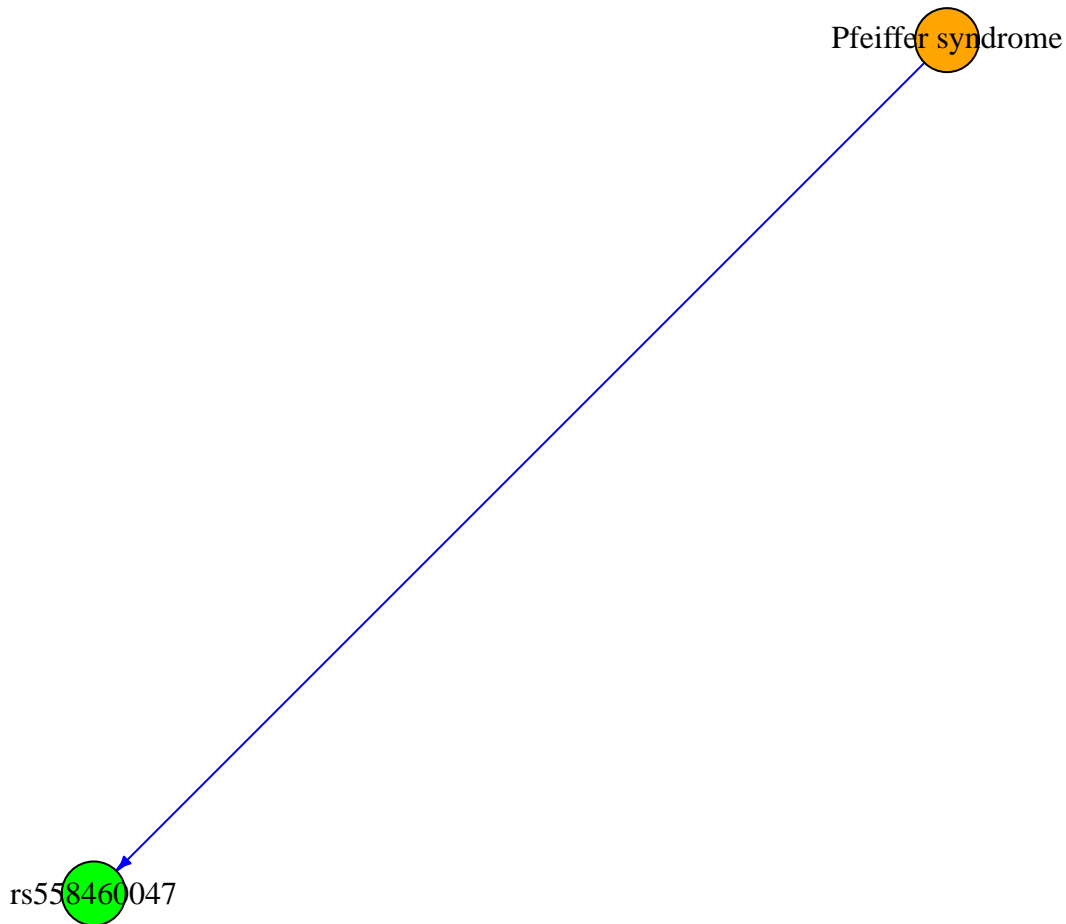
Variant–Disease Network (Perry syndrome)



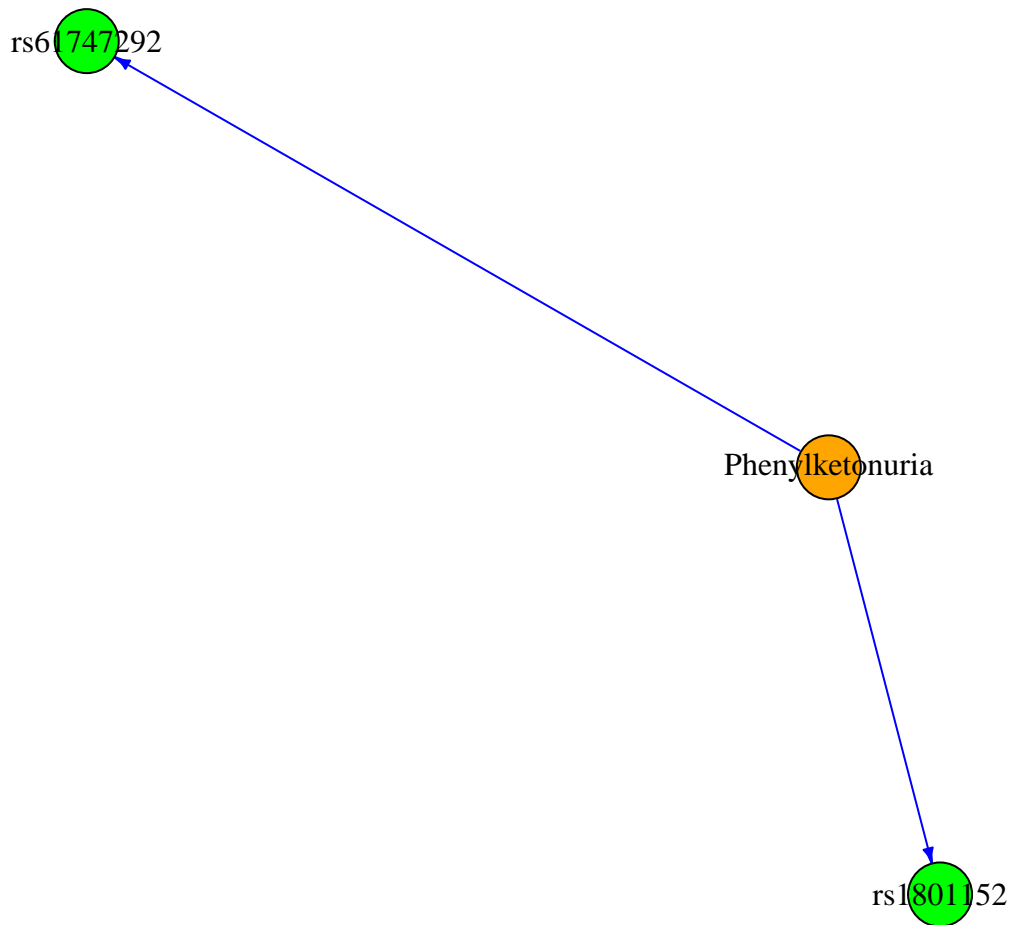
## Variant–Disease Network (Peutz–Jeghers syndrome)



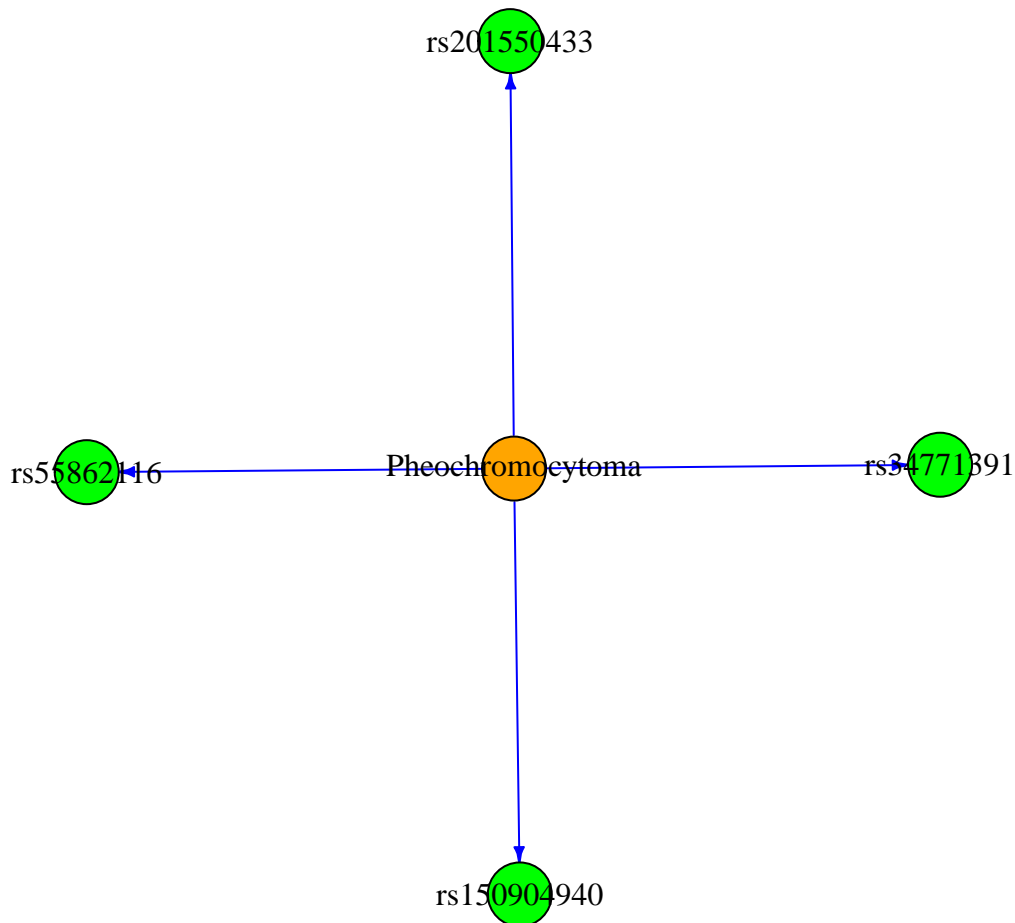
## Variant–Disease Network (Pfeiffer syndrome)



## Variant–Disease Network (Phenylketonuria)



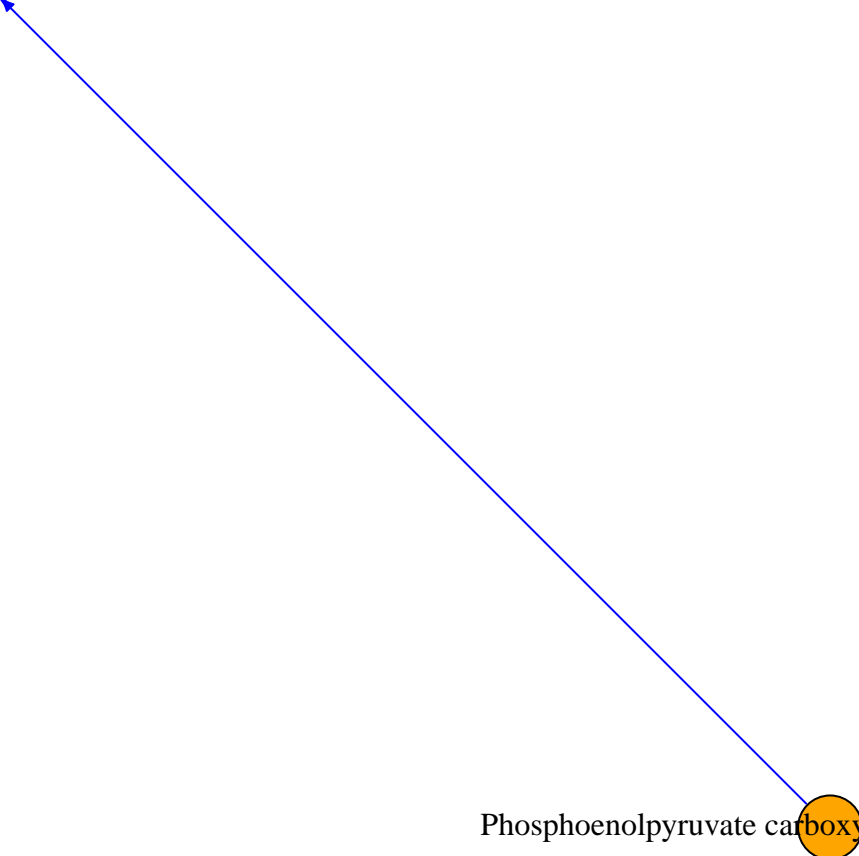
## Variant–Disease Network (Pheochromocytoma)



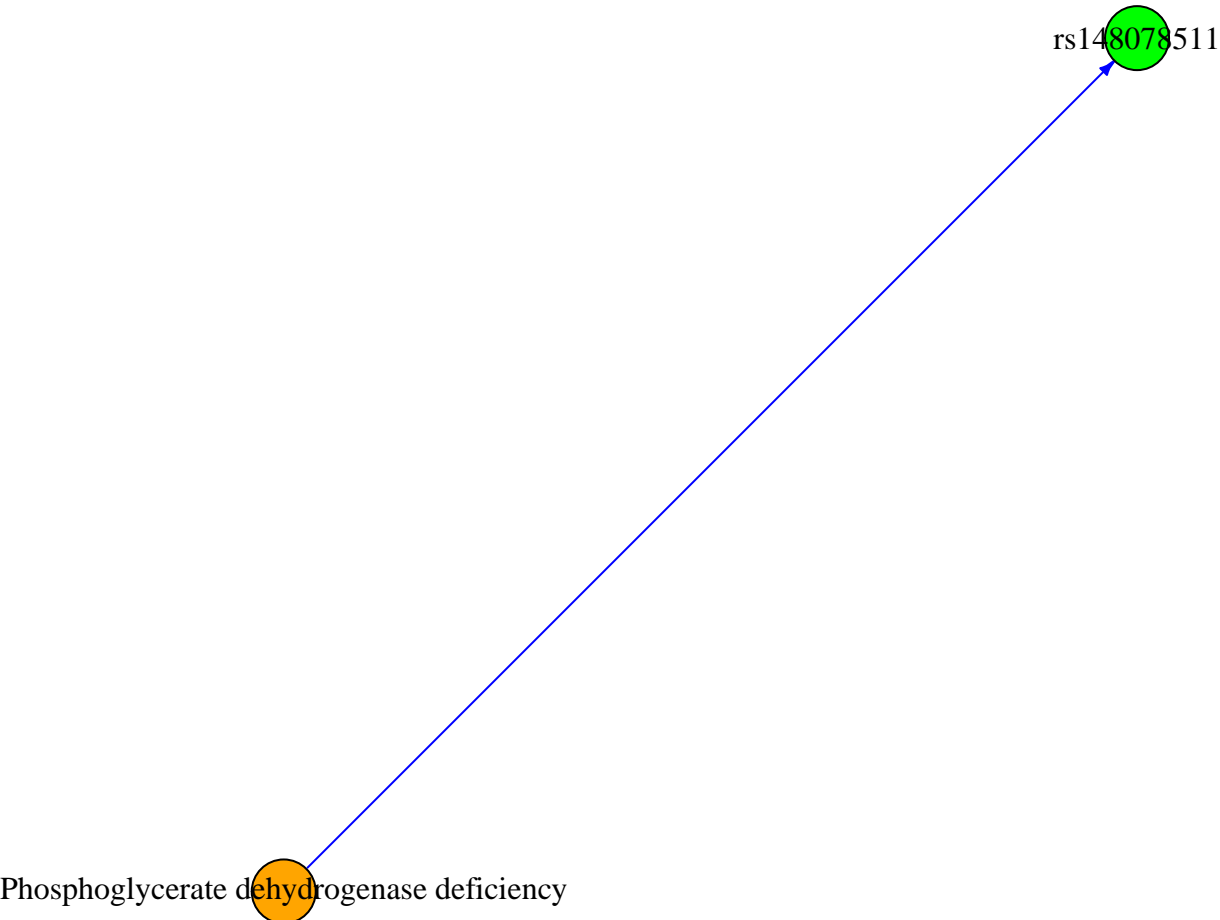
# Variant-Disease Network (Phosphoenolpyruvate carboxykinase (GTP) deficiency)

rs45559638

Phosphoenolpyruvate carboxykinase (GTP)

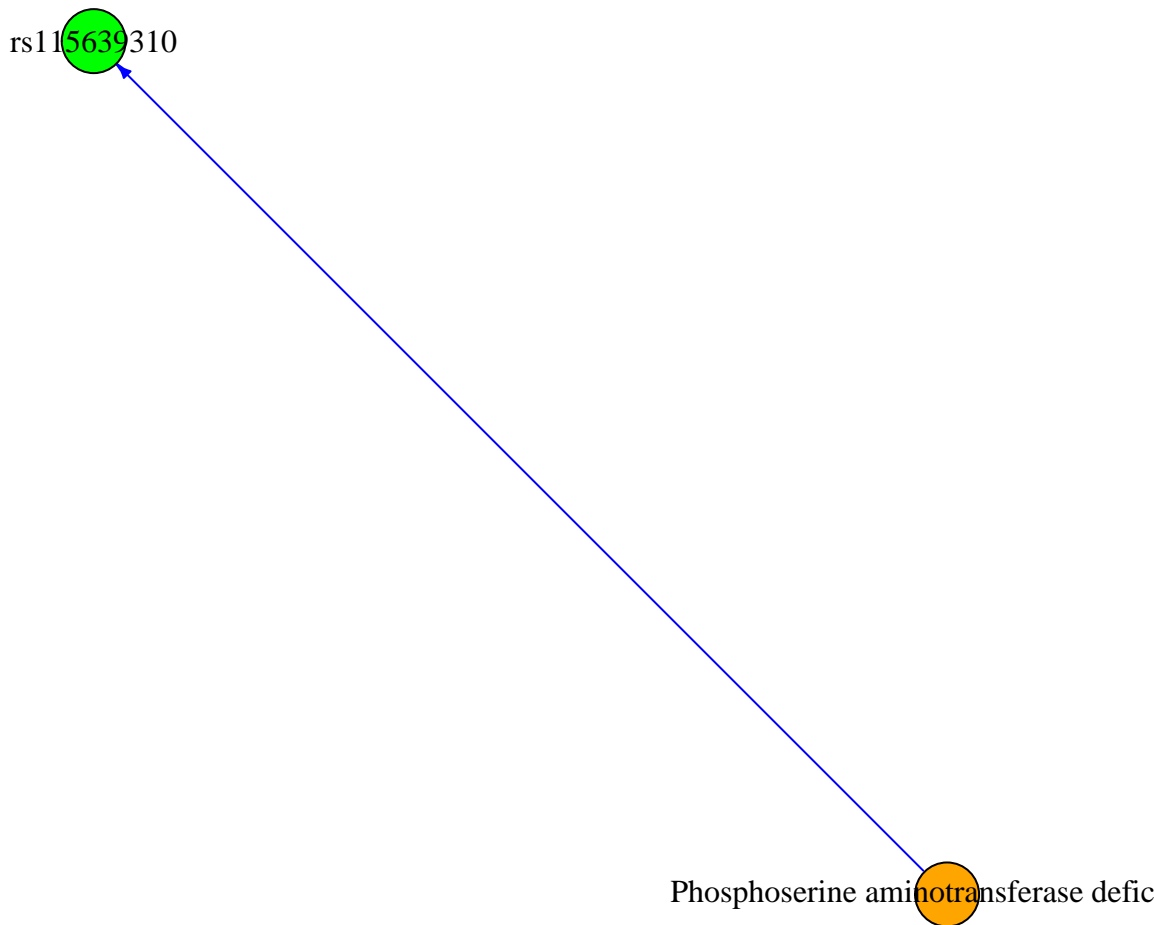


**Variant–Disease Network (Phosphoglycerate dehydrogenase deficiency)**

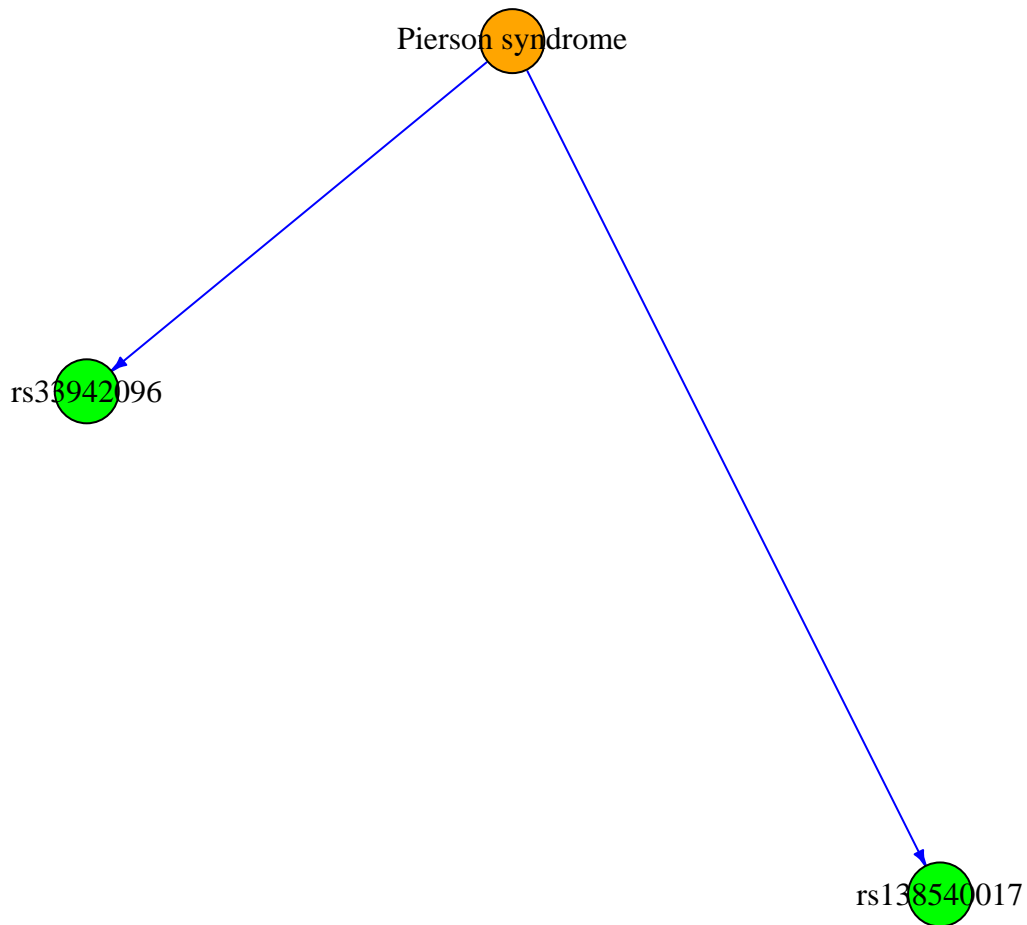




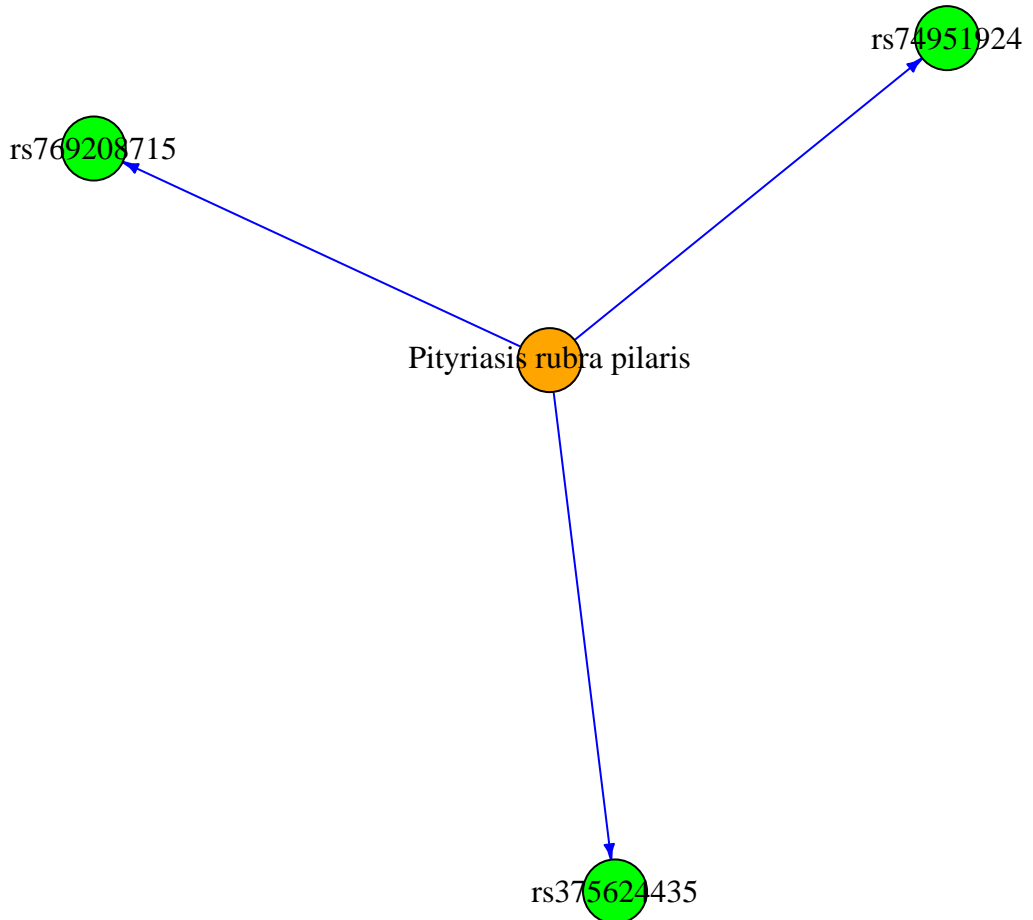
# Variant–Disease Network (Phosphoserine aminotransferase deficiency)



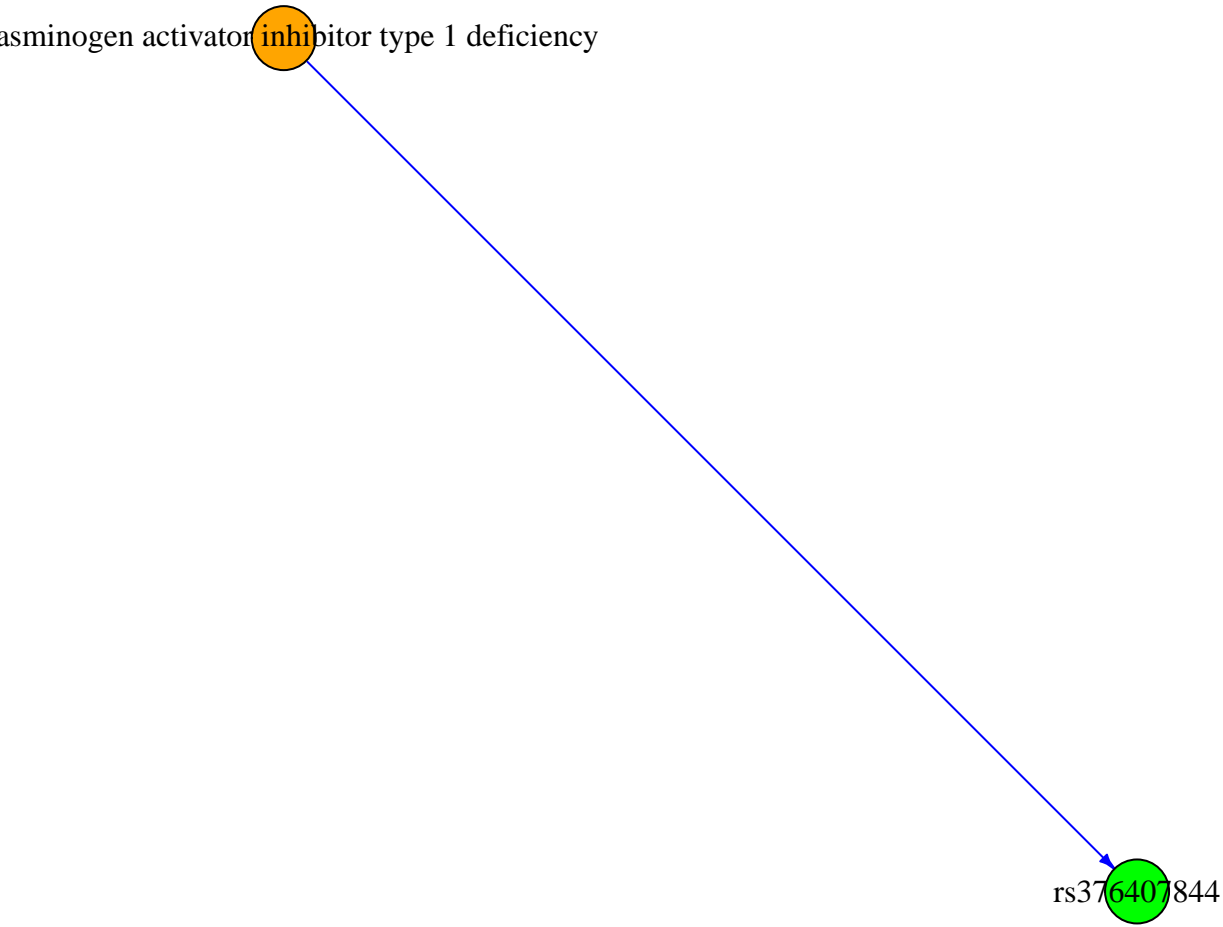
## Variant–Disease Network (Pierson syndrome)



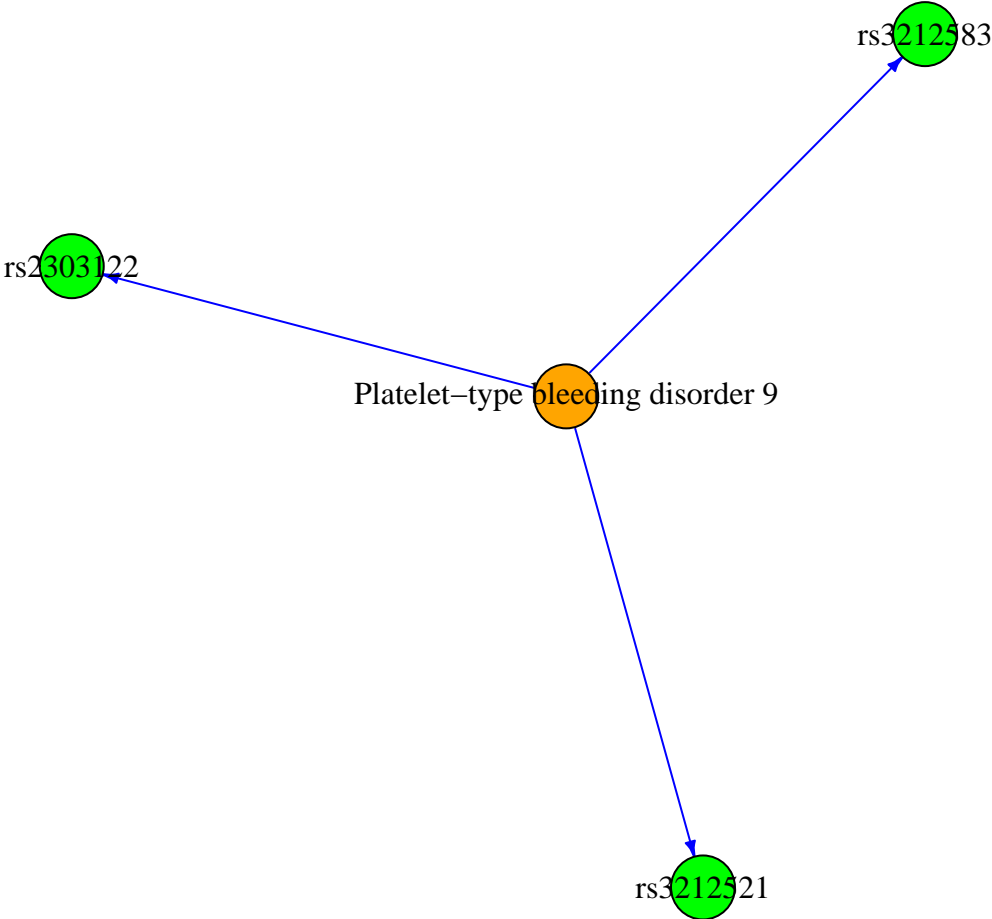
## Variant–Disease Network (Pityriasis rubra pilaris)



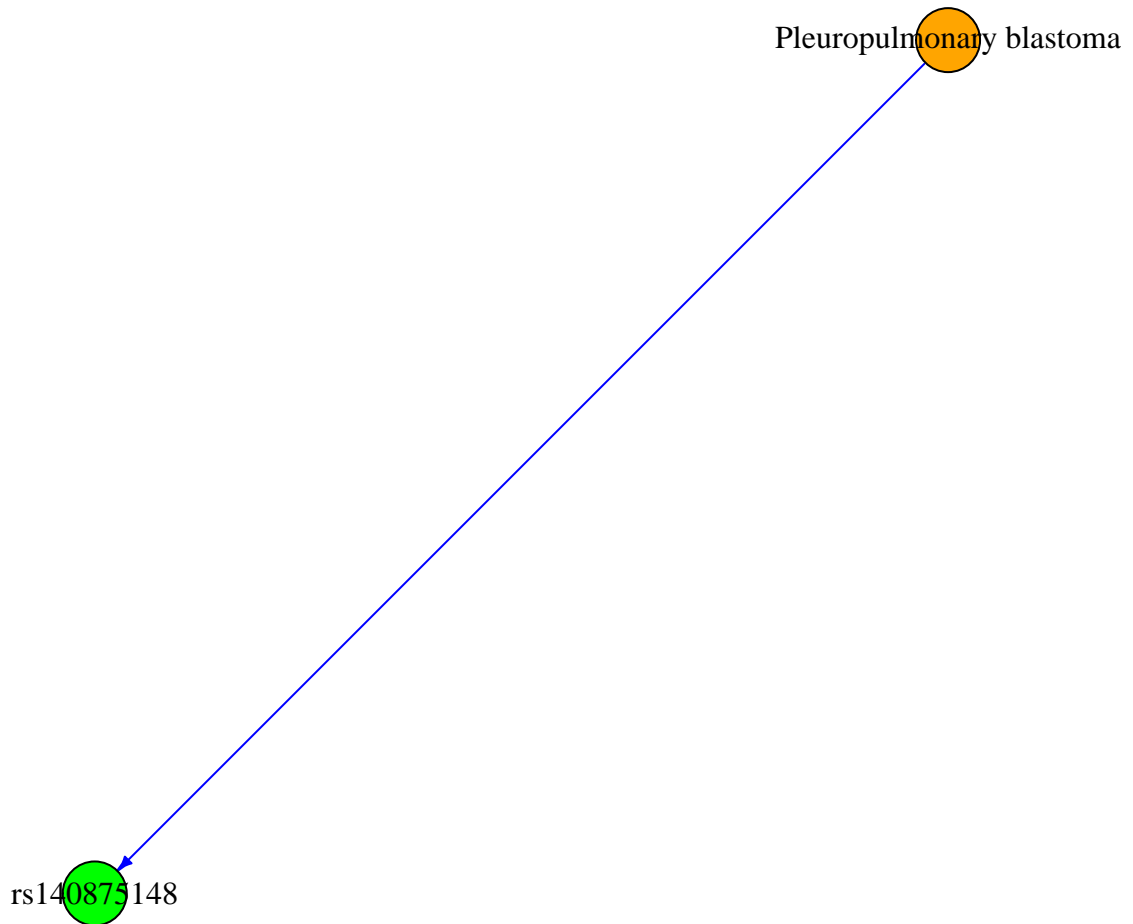
Variant–Disease Network (Plasminogen activator inhibitor type 1 deficiency)



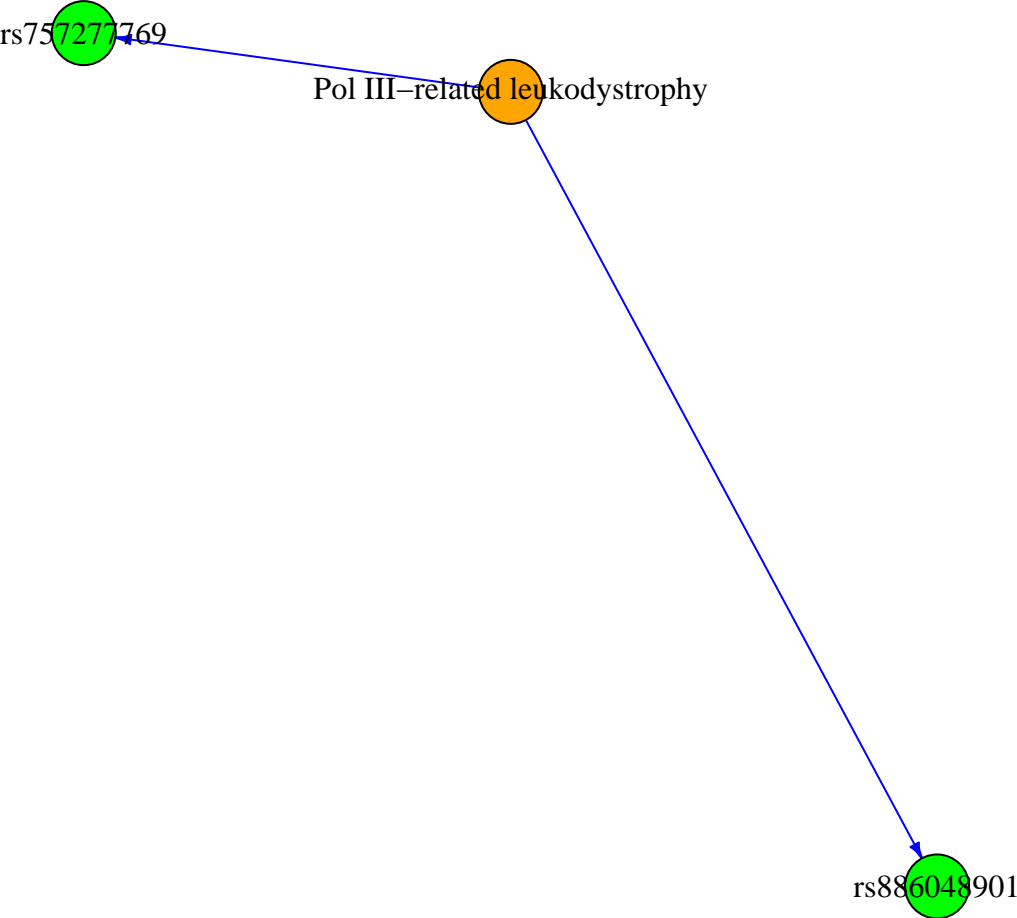
**Variant–Disease Network (Platelet–type bleeding disorder 9)**



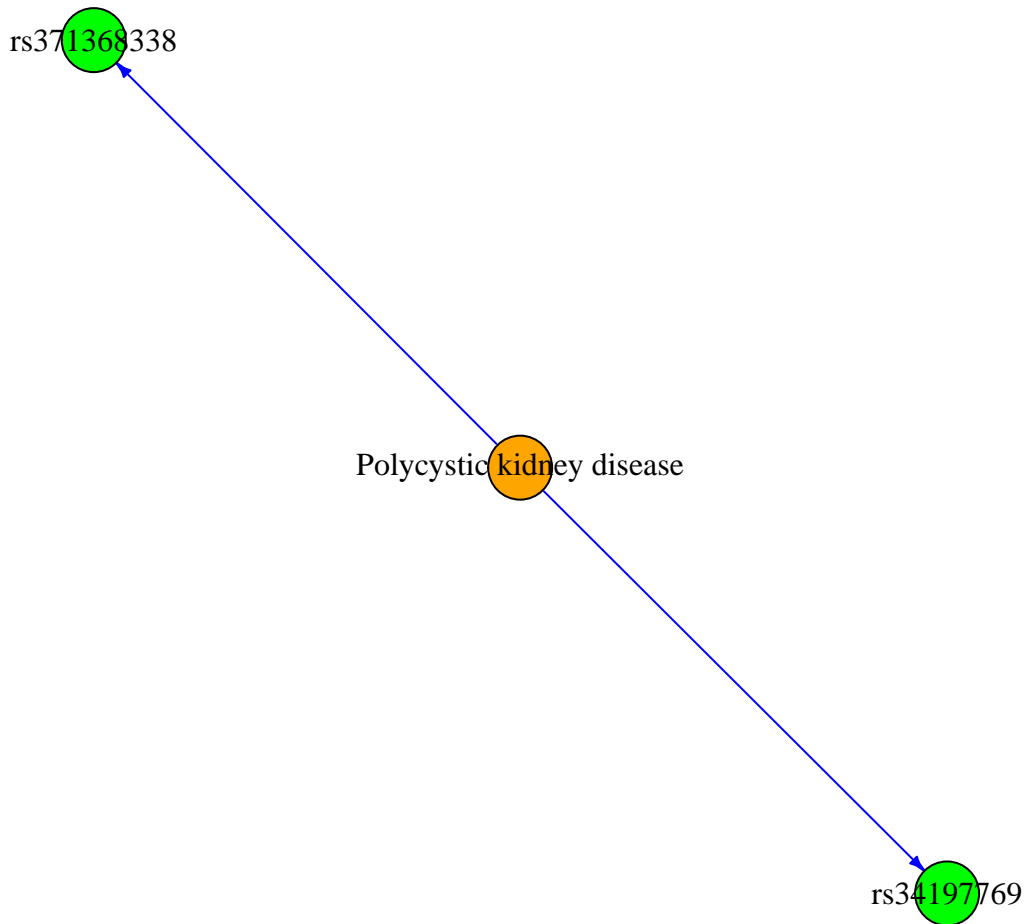
## Variant–Disease Network (Pleuropulmonary blastoma)



**Variant–Disease Network (Pol III–related leukodystrophy)**

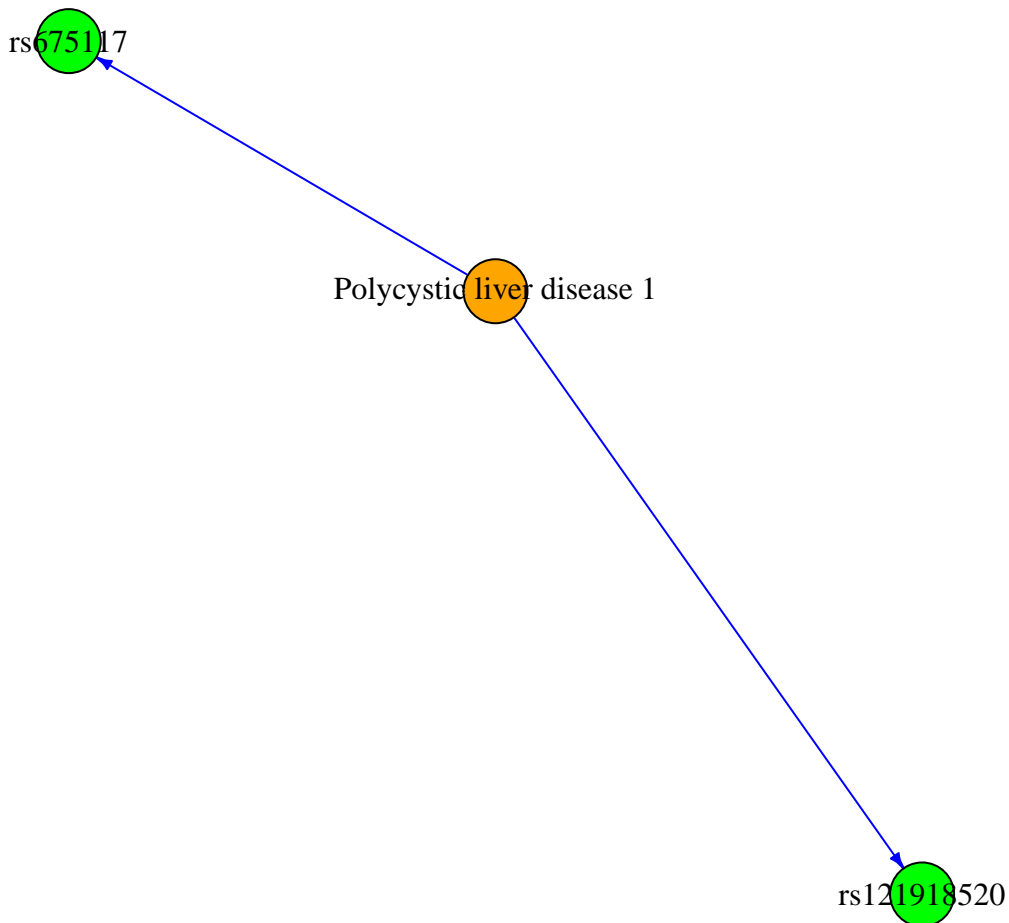


## Variant–Disease Network (Polycystic kidney disease)

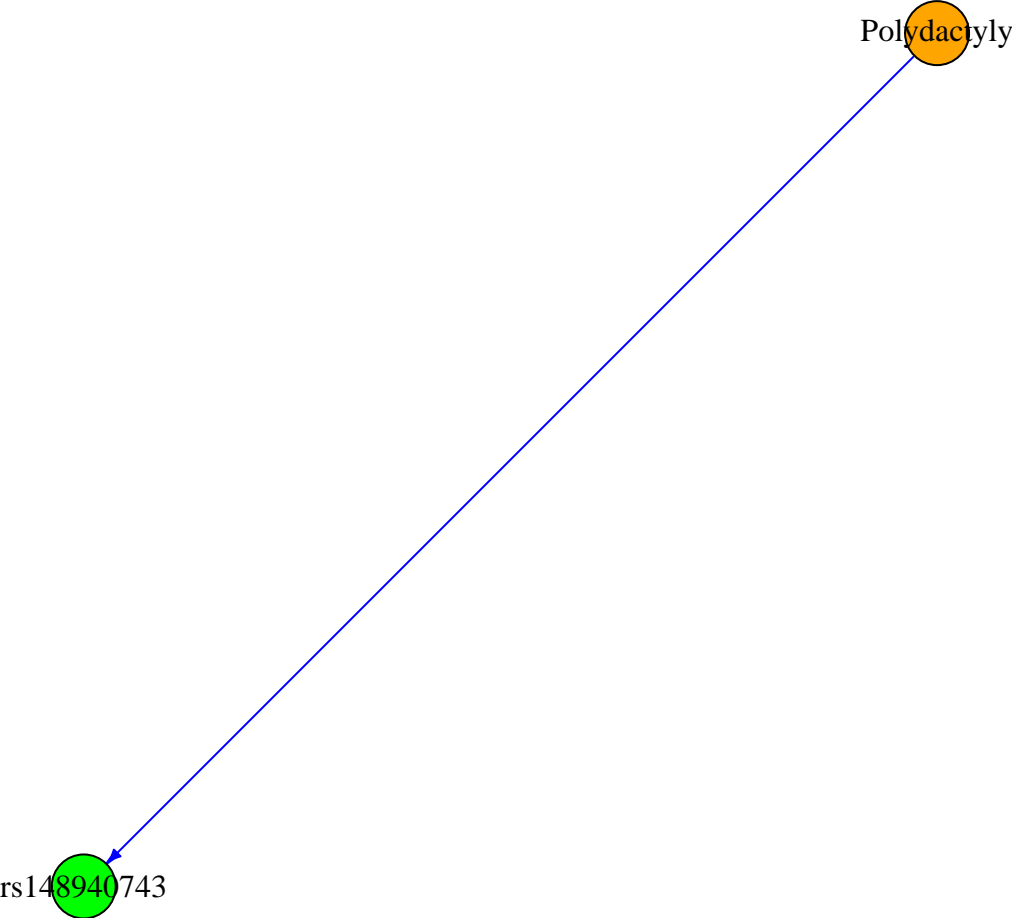




## Variant–Disease Network (Polycystic liver disease 1)

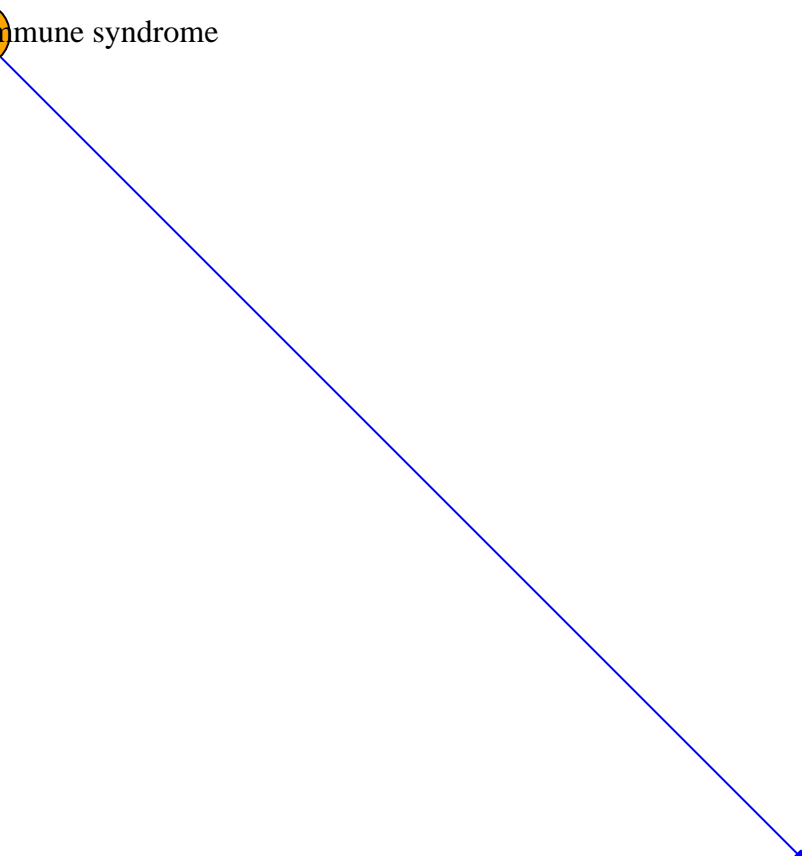


Variant–Disease Network (Polydactyly)



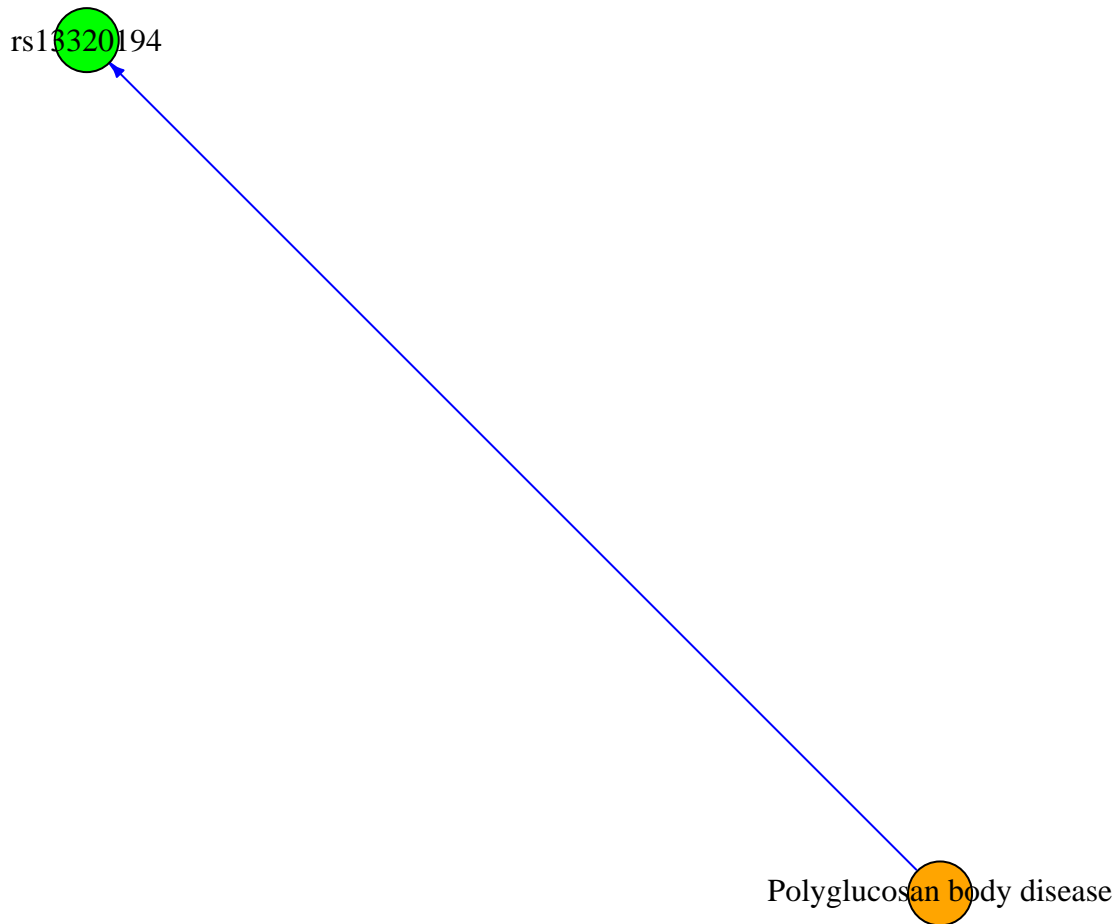
Variant–Disease Network (Polyglandular autoimmune syndrome)

Polyglandular autoimmune syndrome

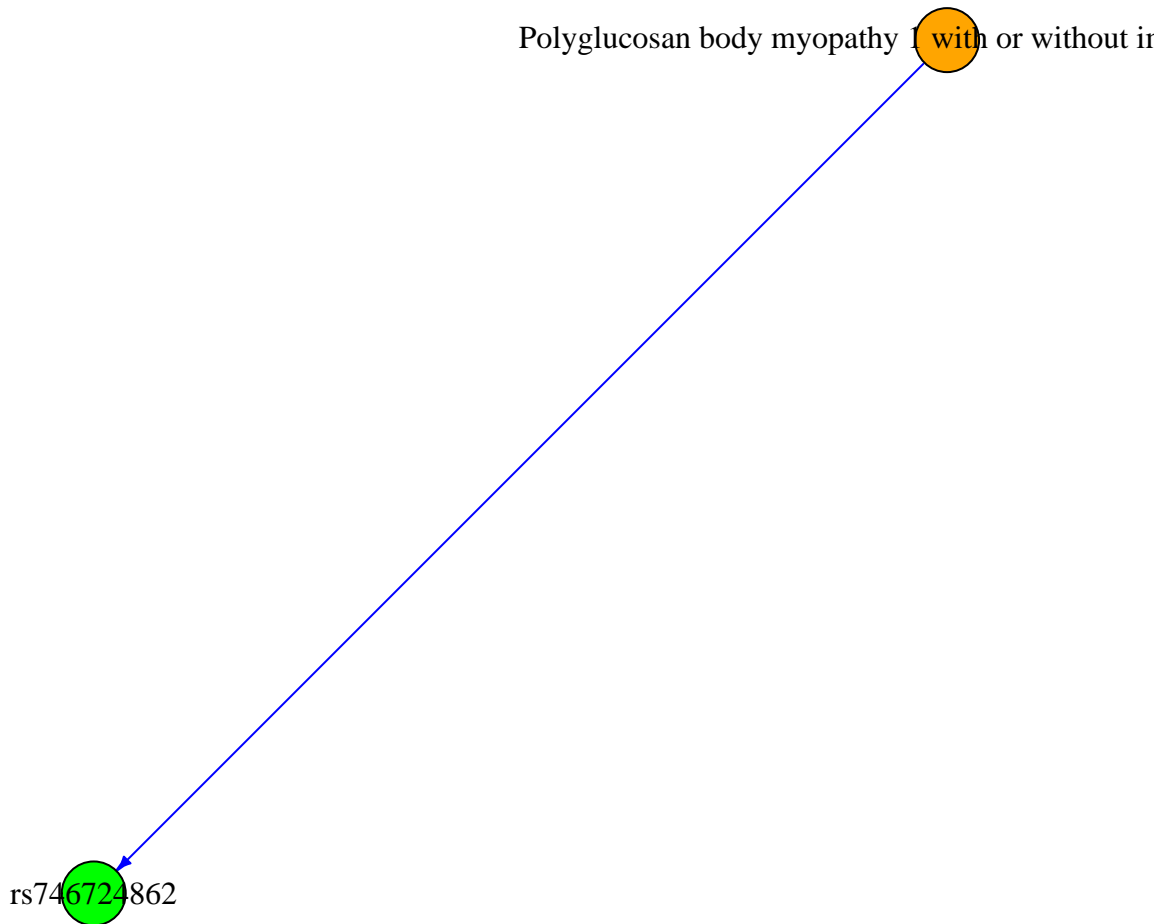


rs34397615

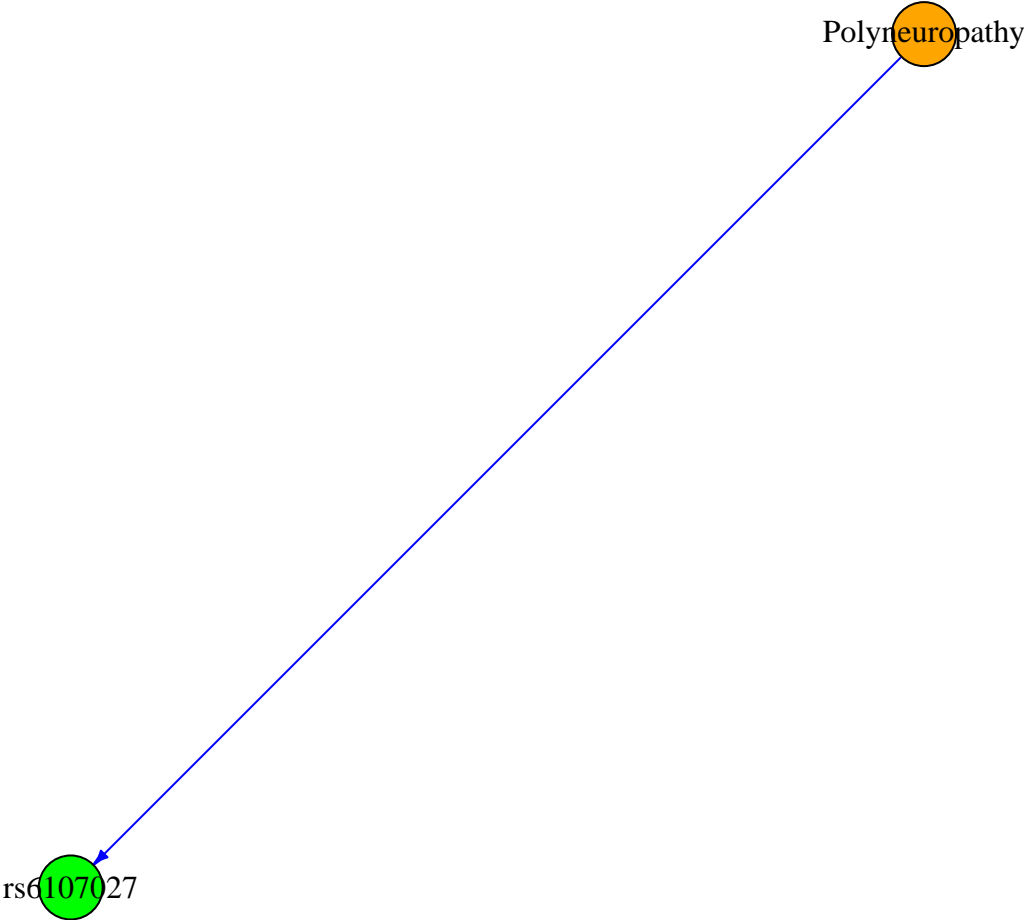
## Variant–Disease Network (Polyglucosan body disease)



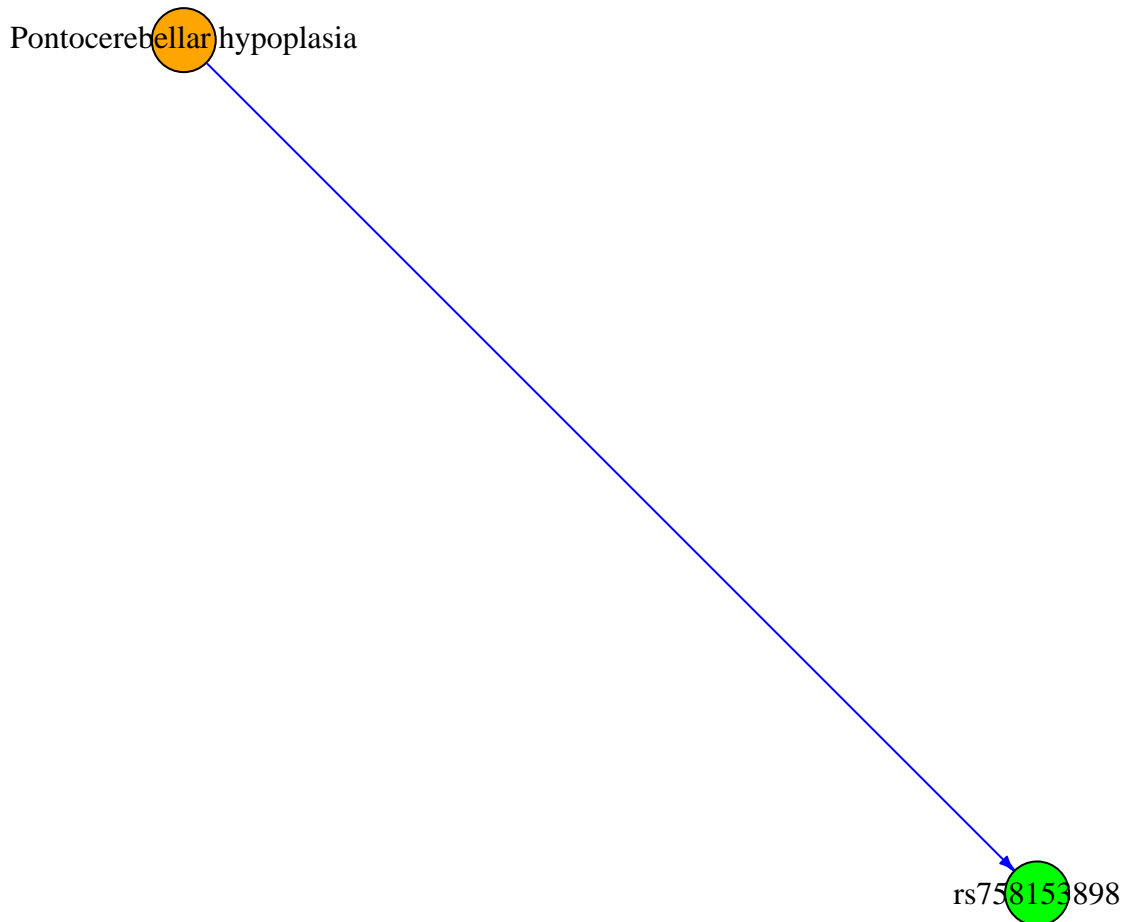
# t-Disease Network (Polyglucosan body myopathy 1 with or without immunon



Variant–Disease Network (Polyneuropathy)

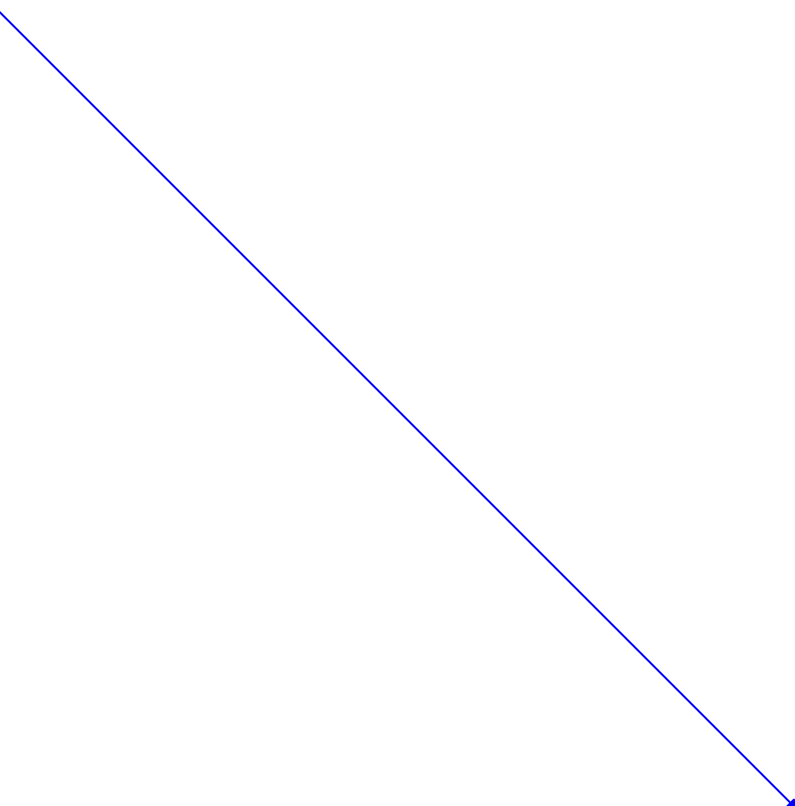


## Variant–Disease Network (Pontocerebellar hypoplasia)



**Variant–Disease Network (Pontocerebellar hypoplasia)**

Pontocerebellar hypoplasia

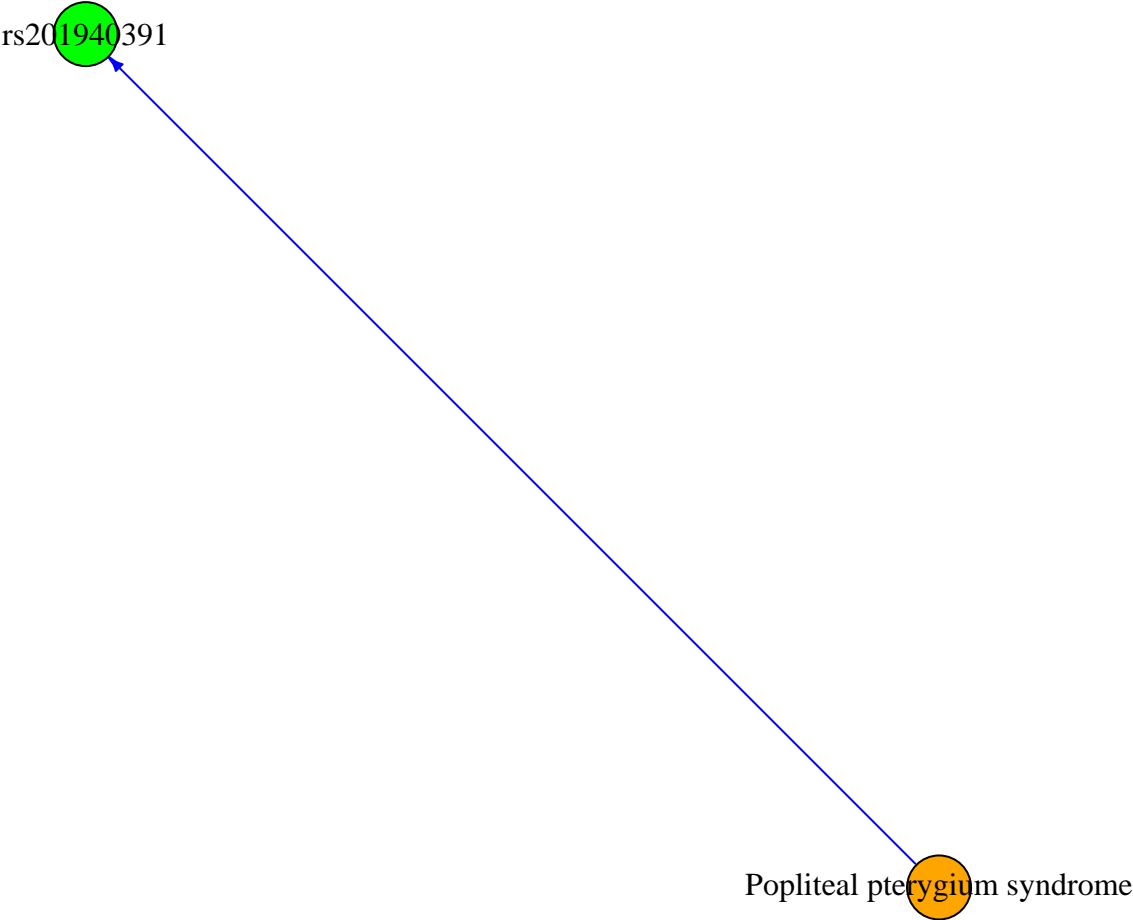


rs6501818

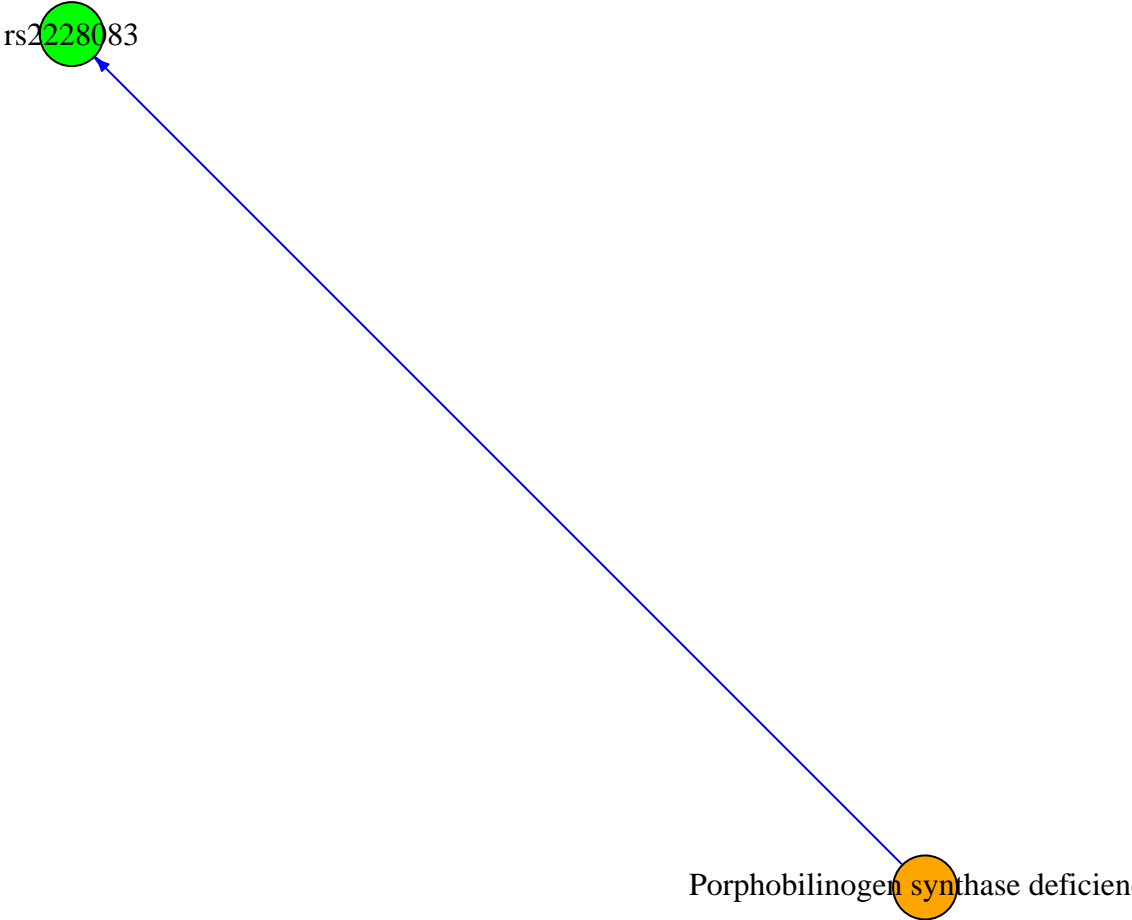




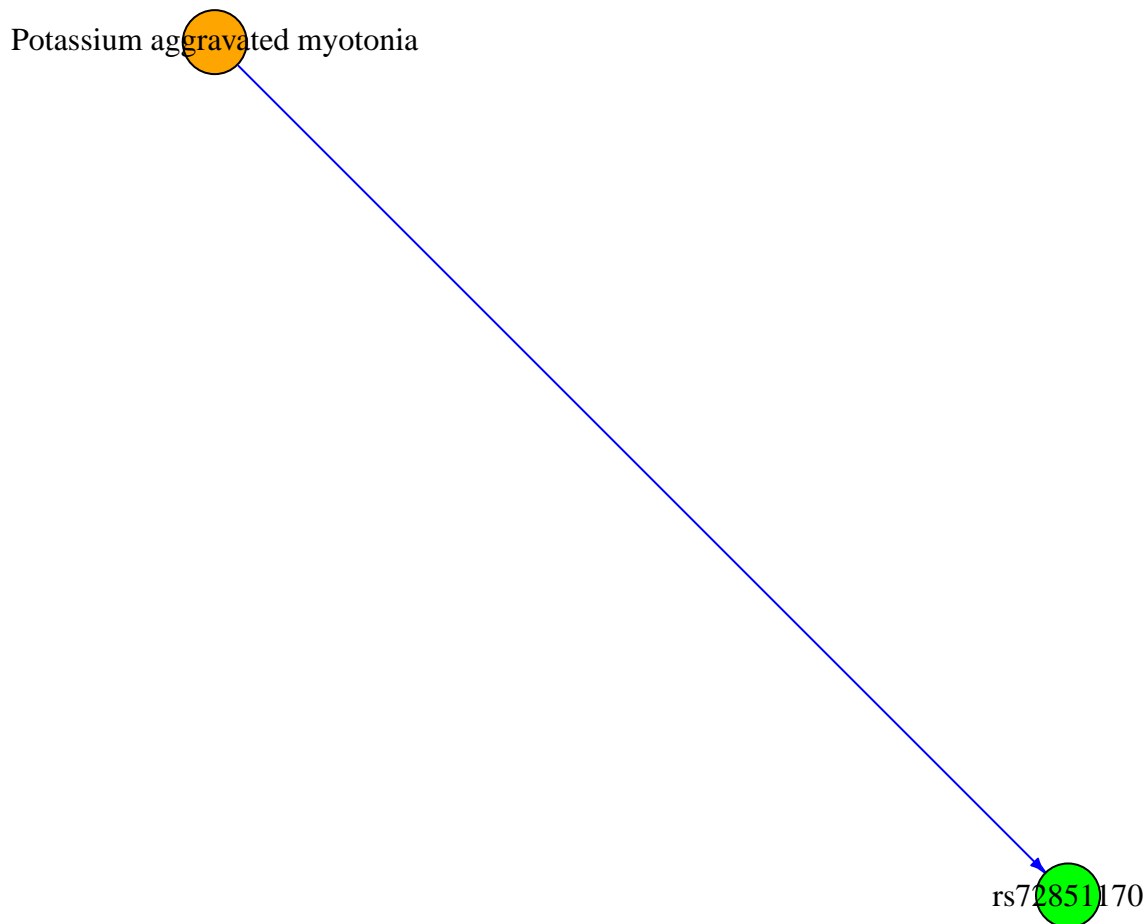
Variant–Disease Network (Popliteal pterygium syndrome)



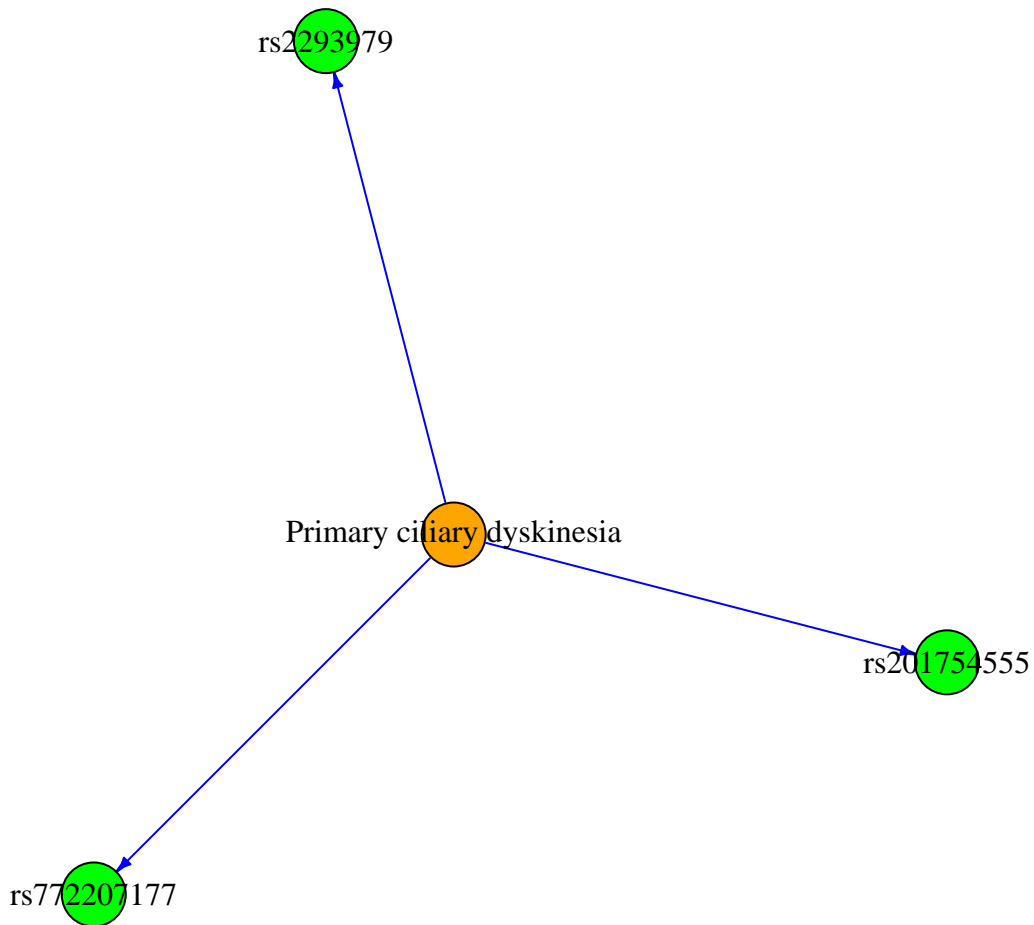
Variant–Disease Network (Porphobilinogen synthase deficiency)



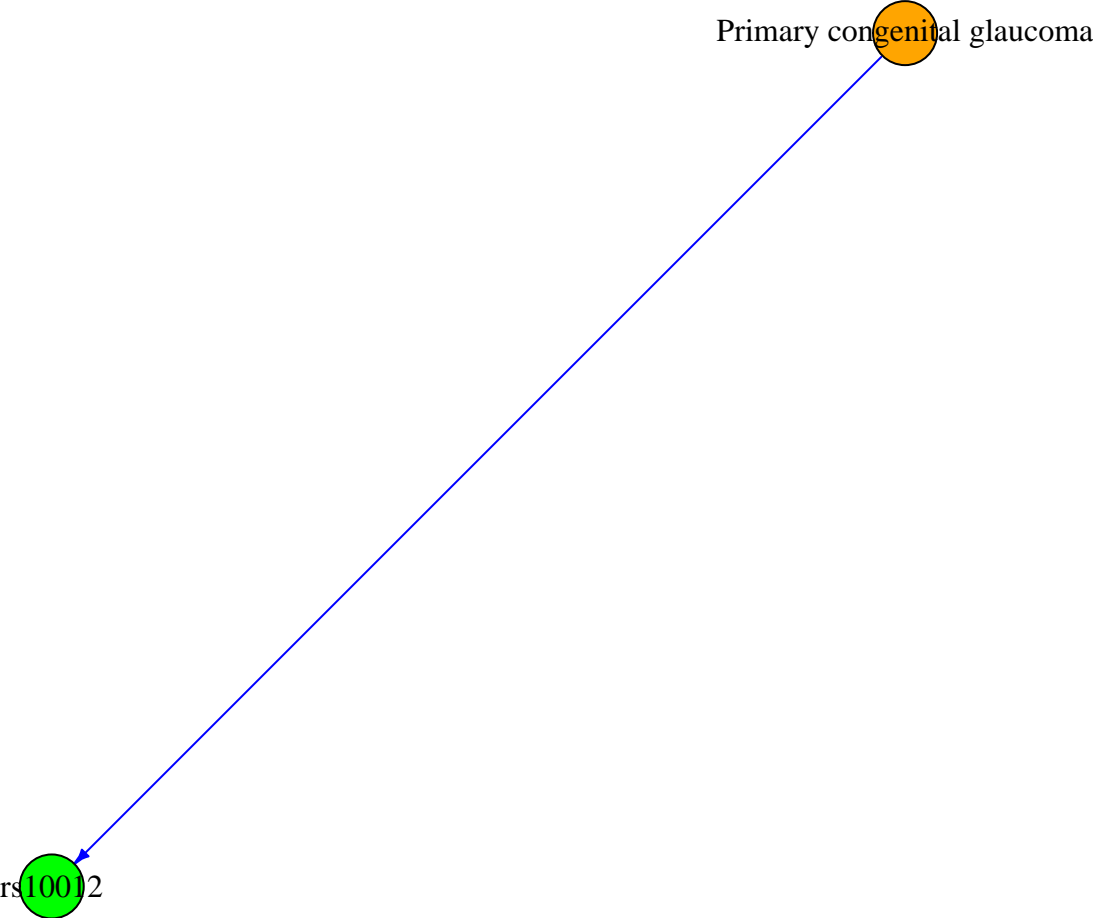
## Variant–Disease Network (Potassium aggravated myotonia)



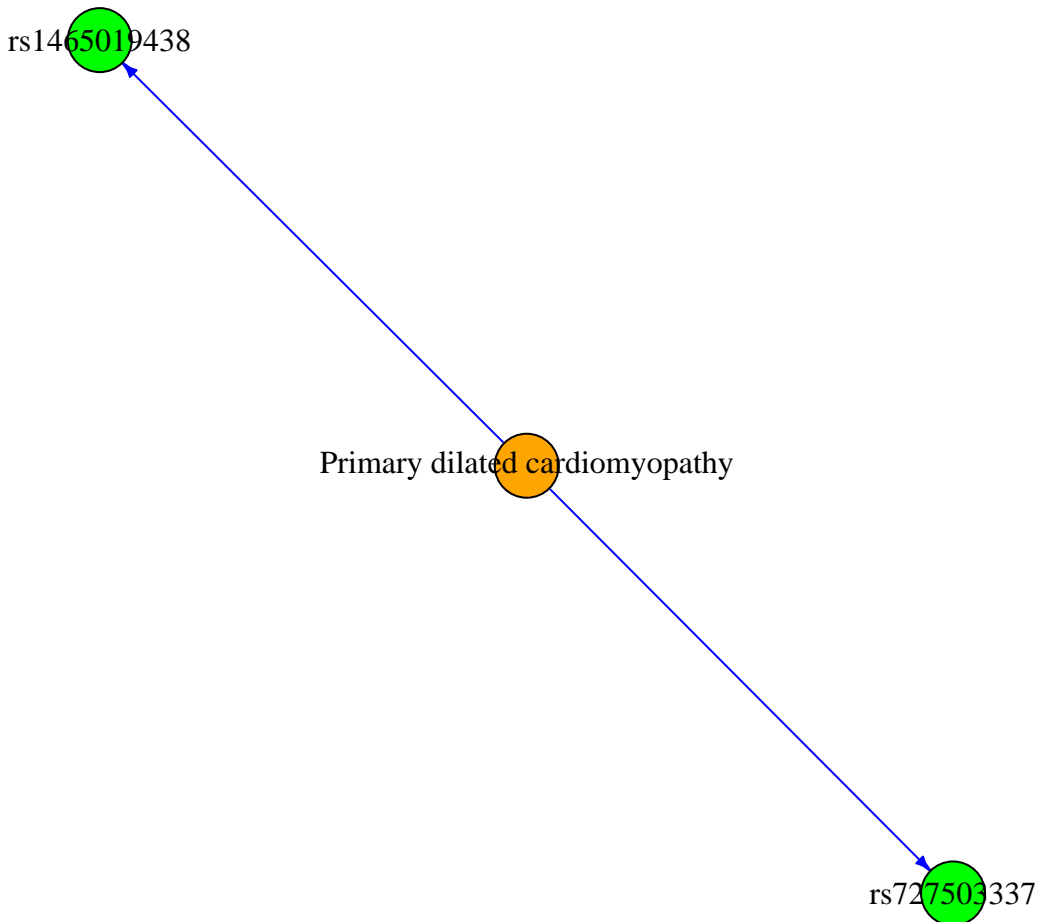
## Variant–Disease Network (Primary ciliary dyskinesia)



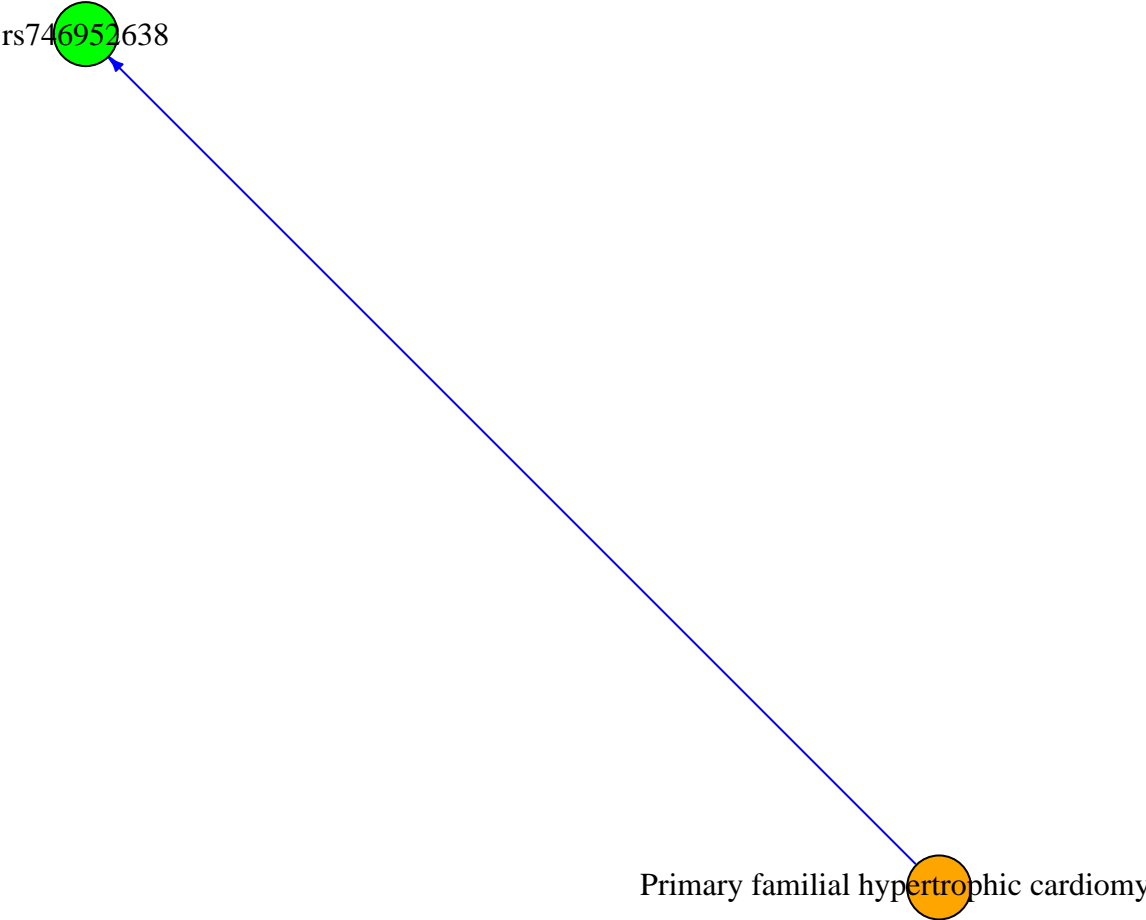
Variant–Disease Network (Primary congenital glaucoma)



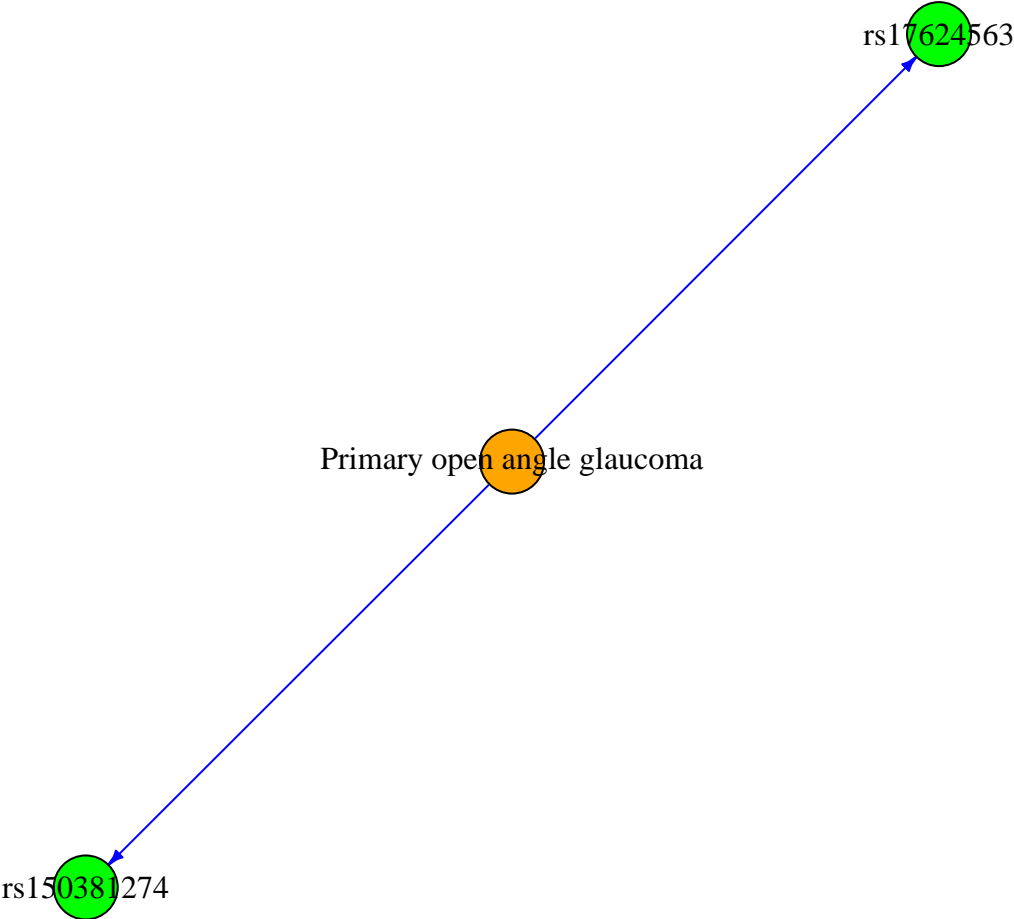
## Variant–Disease Network (Primary dilated cardiomyopathy)



Variant–Disease Network (Primary familial hypertrophic cardiomyopathy)



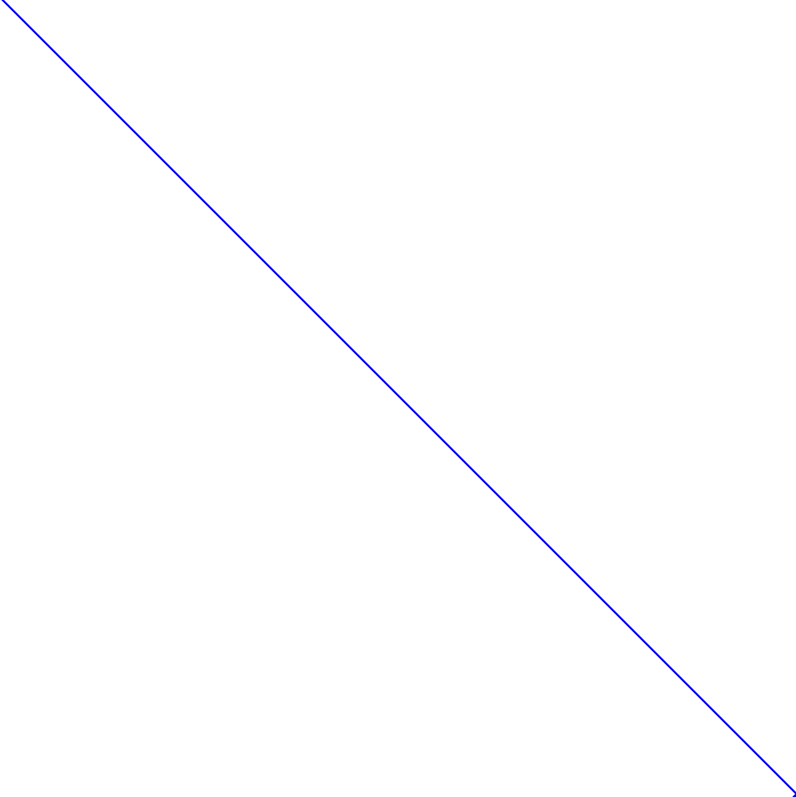
Variant–Disease Network (Primary open angle glaucoma)





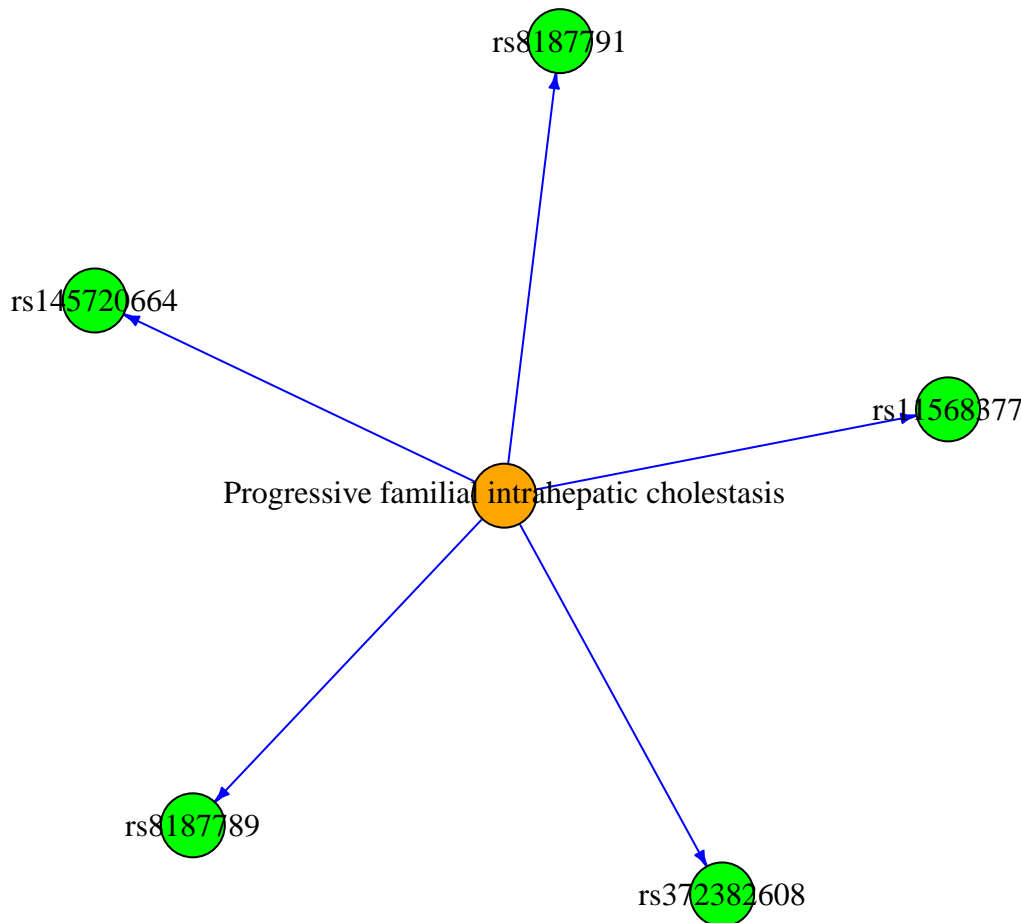
# Disease Network (Progressive External Ophthalmoplegia with Mitochondrial D

Progressive External Ophthalmoplegia with Mitochondrial DNA Deletions

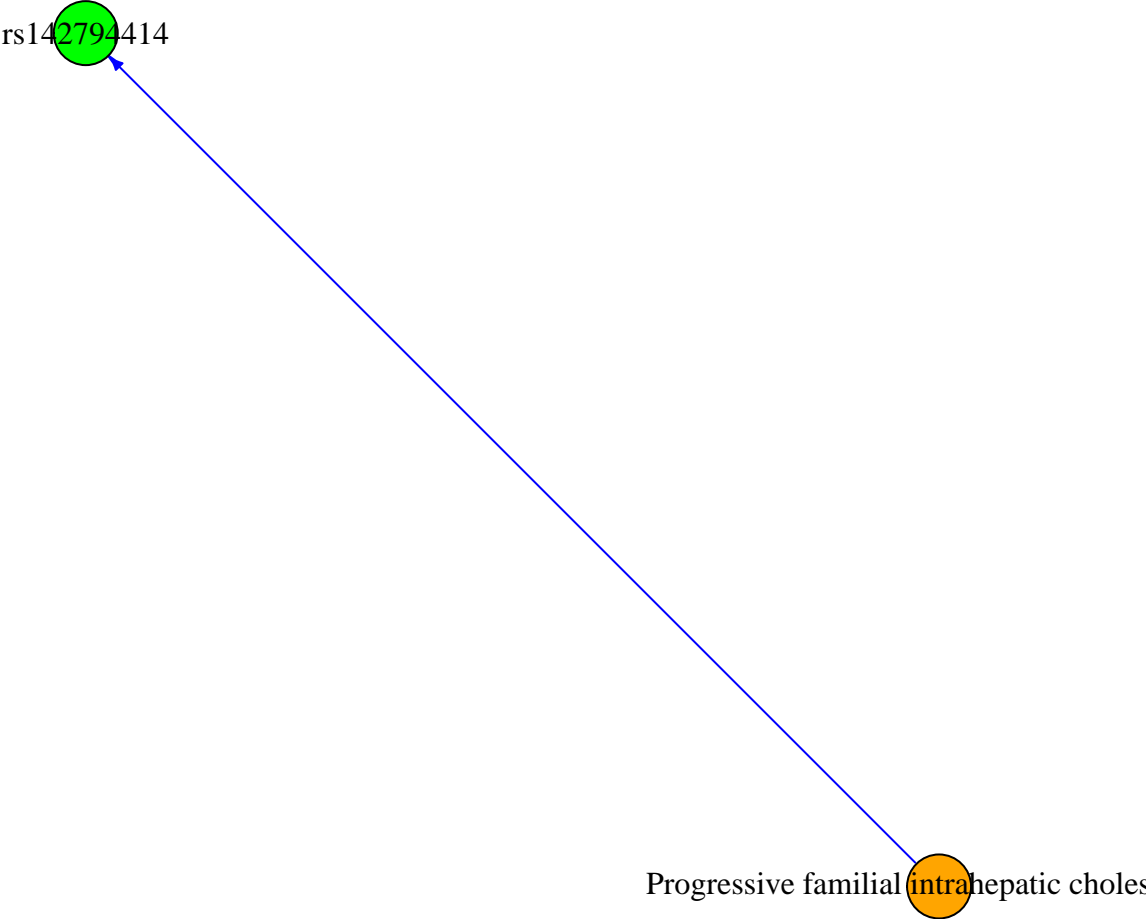


rs200798080

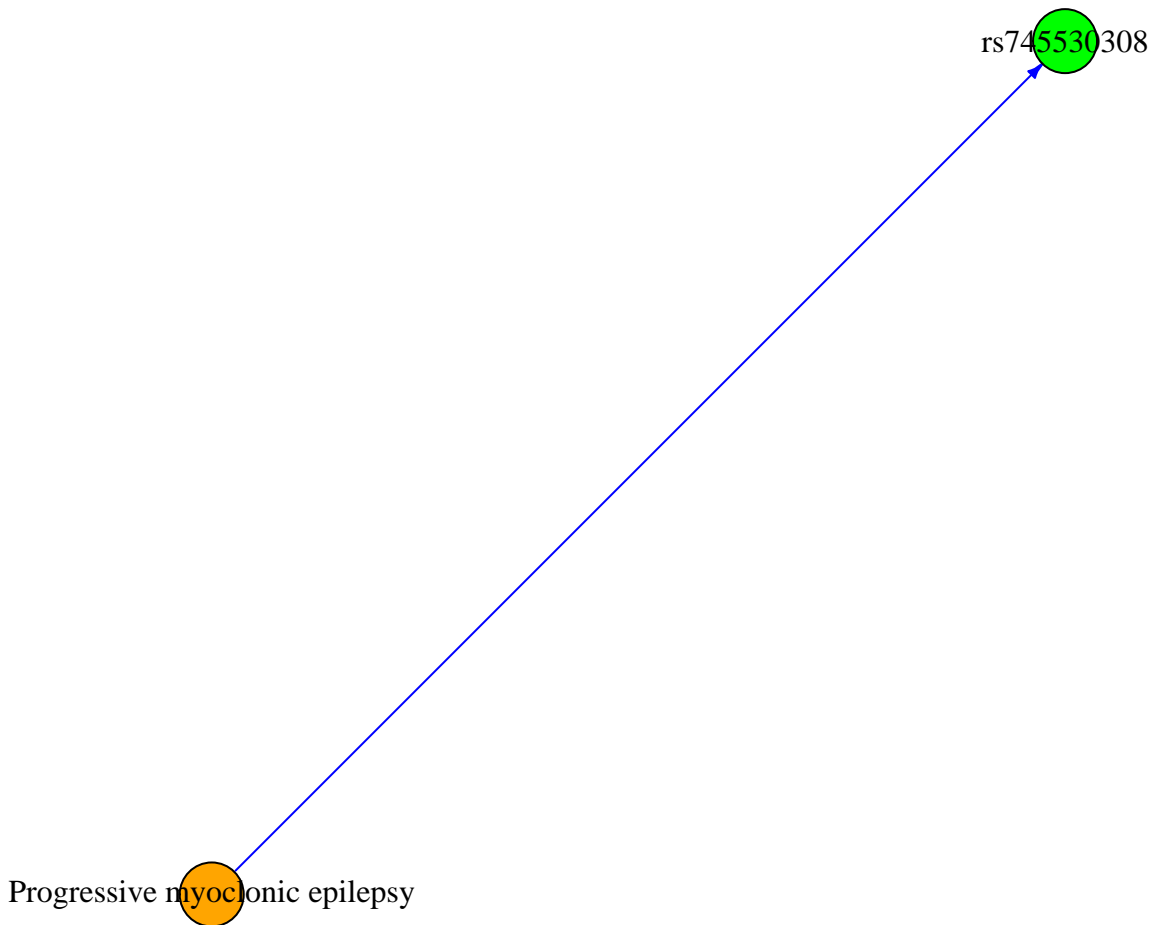
# Variant–Disease Network (Progressive familial intrahepatic cholestasis)



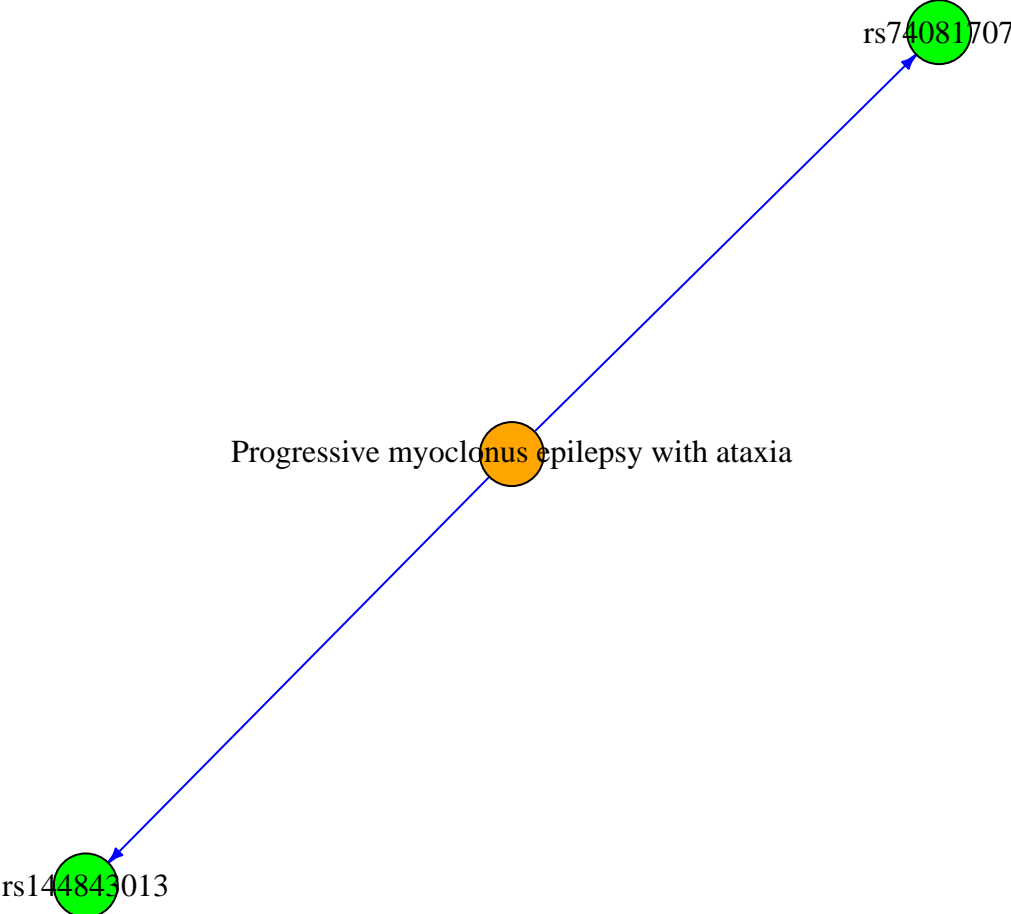
Variant–Disease Network (Progressive familial intrahepatic cholestasis 3)



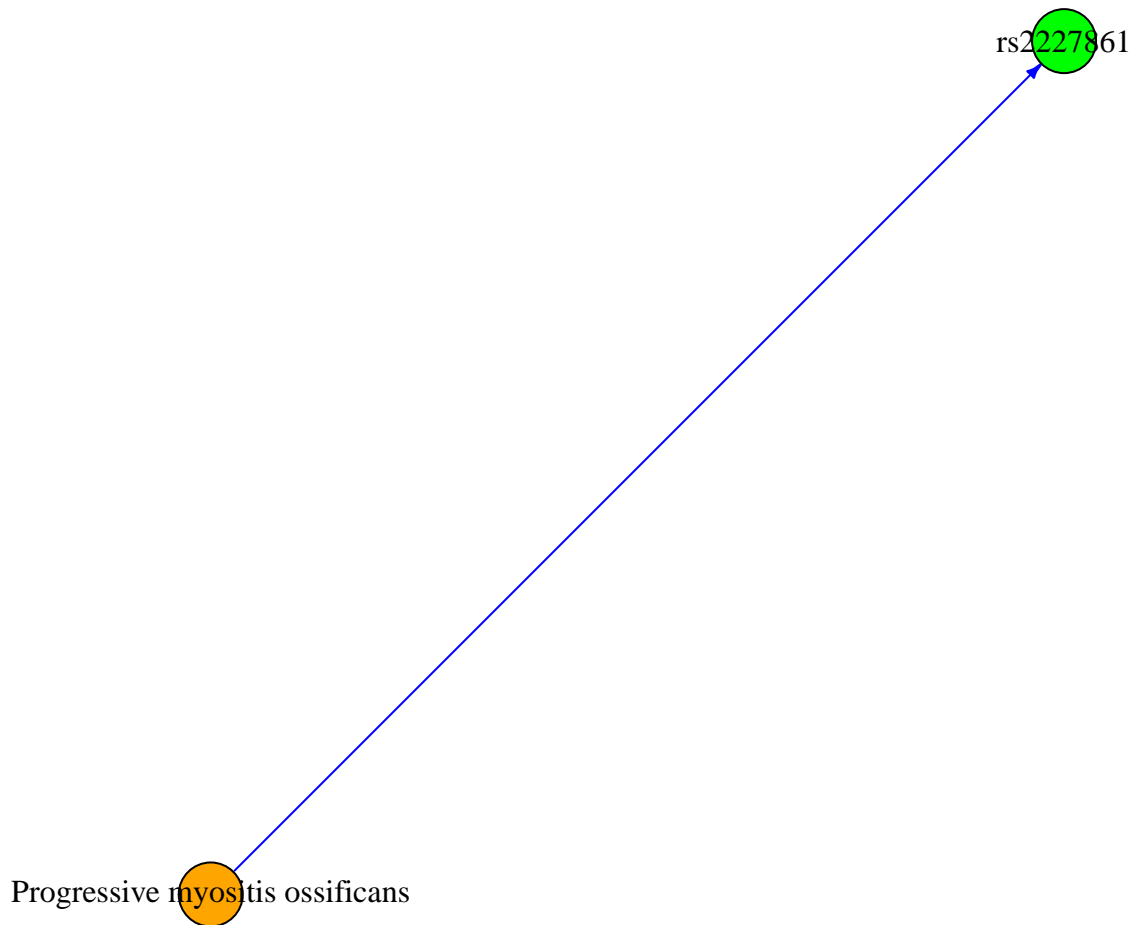
# Variant-Disease Network (Progressive myoclonic epilepsy)



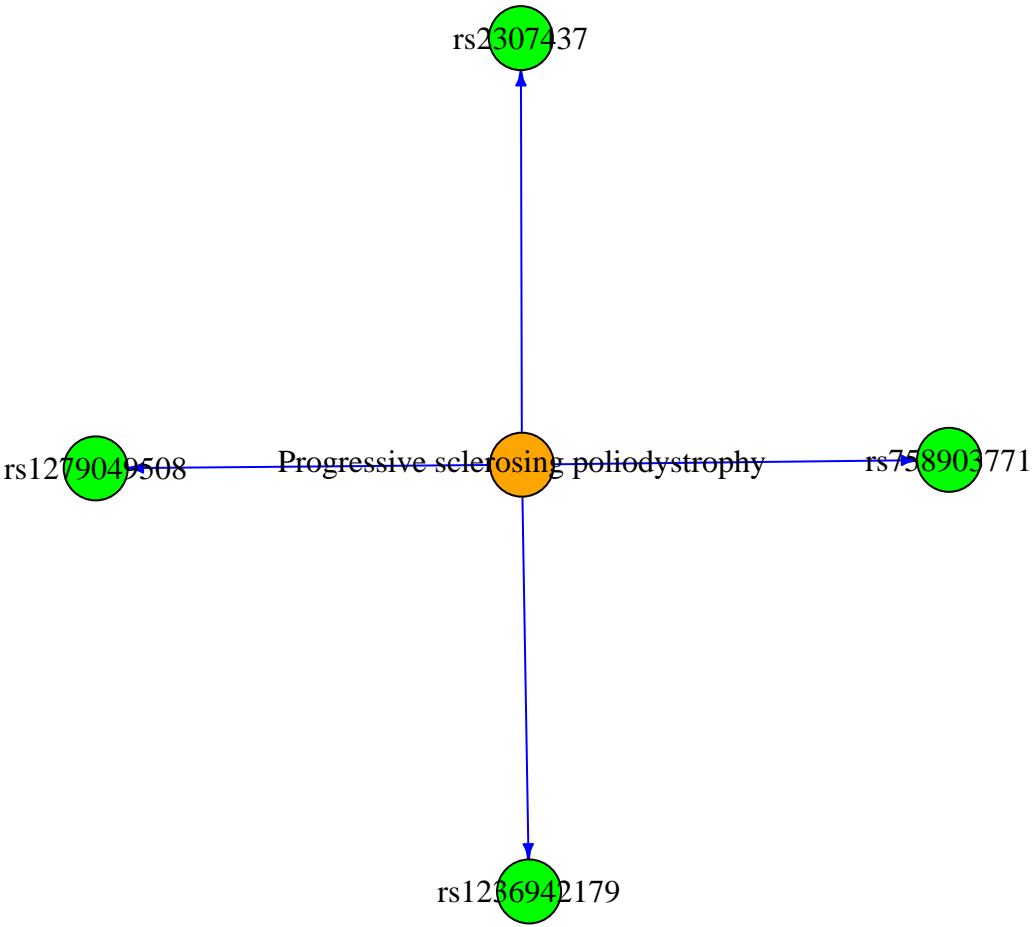
**Variant–Disease Network (Progressive myoclonus epilepsy with ataxia)**



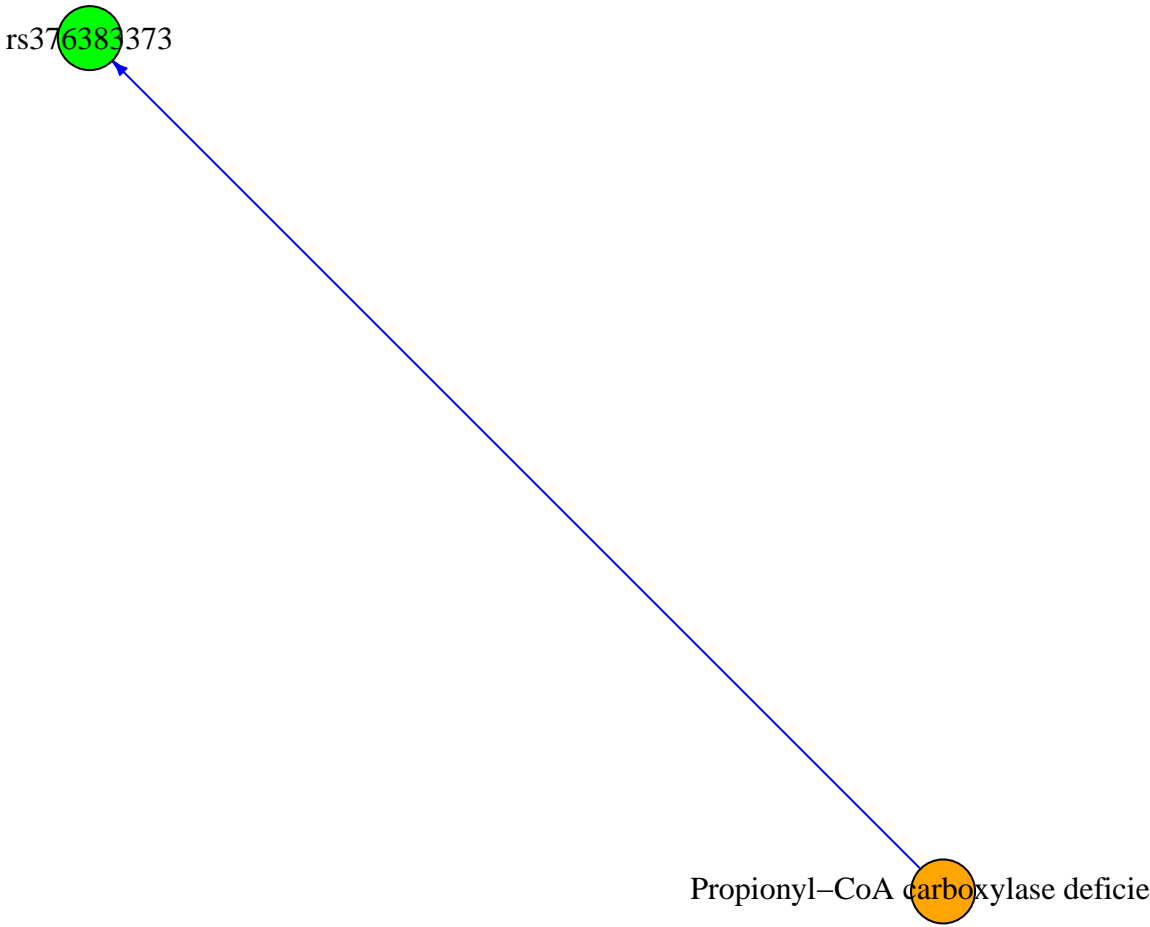
## Variant-Disease Network (Progressive myositis ossificans)



Variant–Disease Network (Progressive sclerosing poliodystrophy)

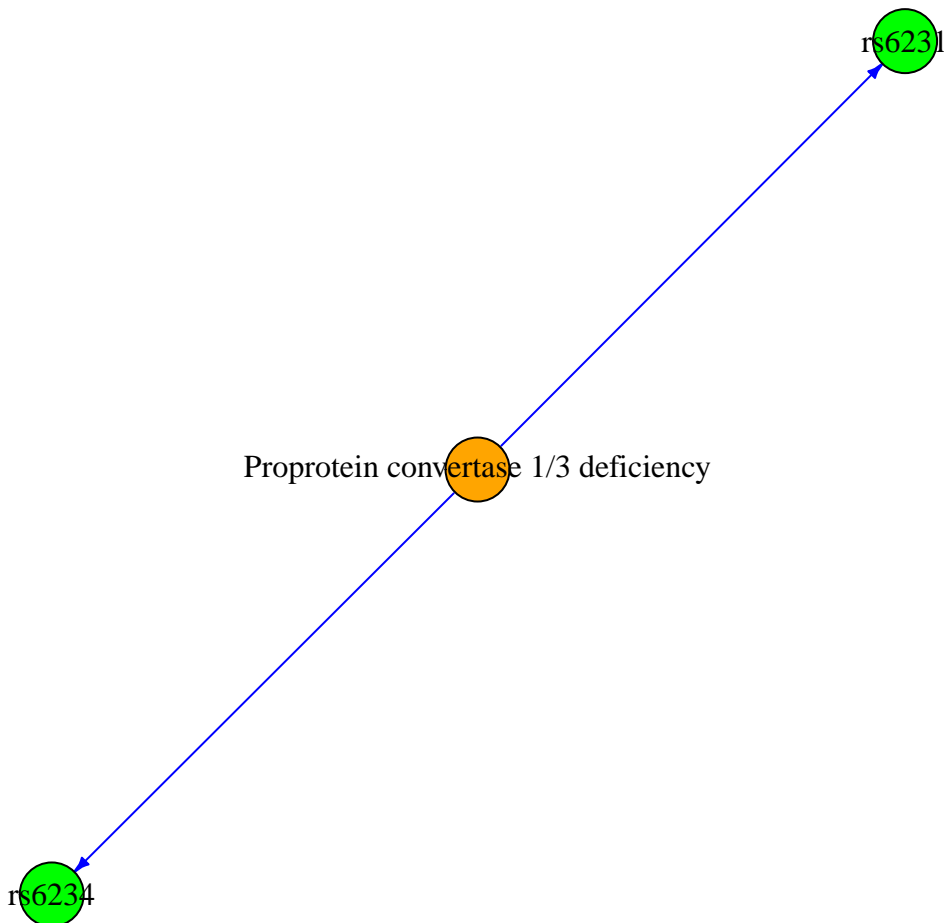


Variant–Disease Network (Propionyl–CoA carboxylase deficiency)

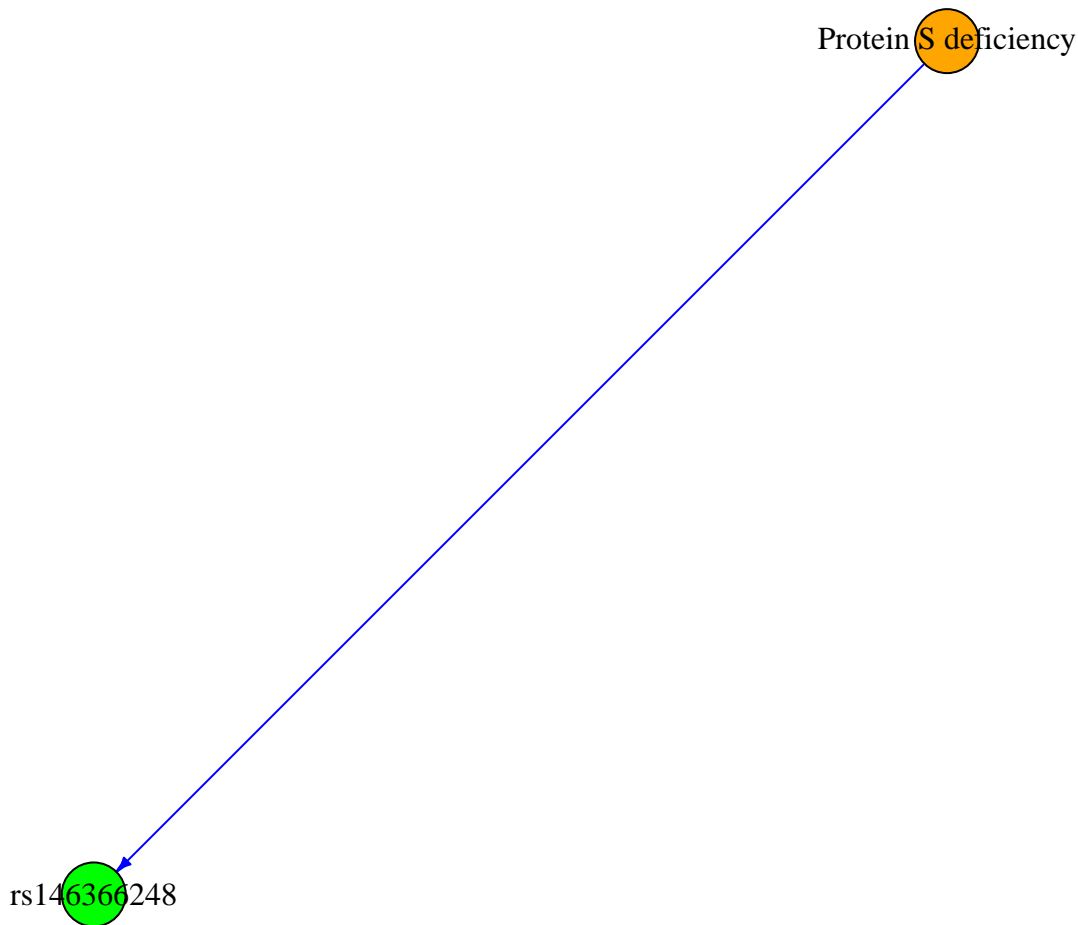




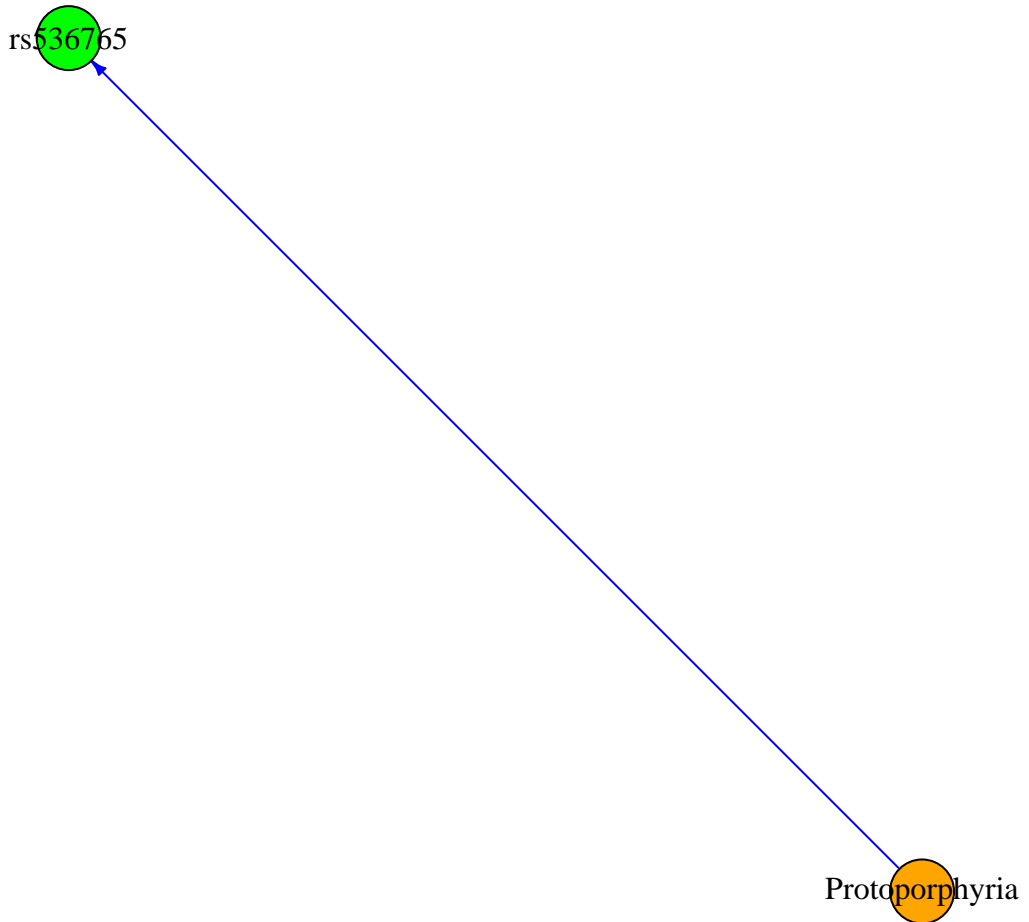
# Variant–Disease Network (Proprotein convertase 1/3 deficiency)



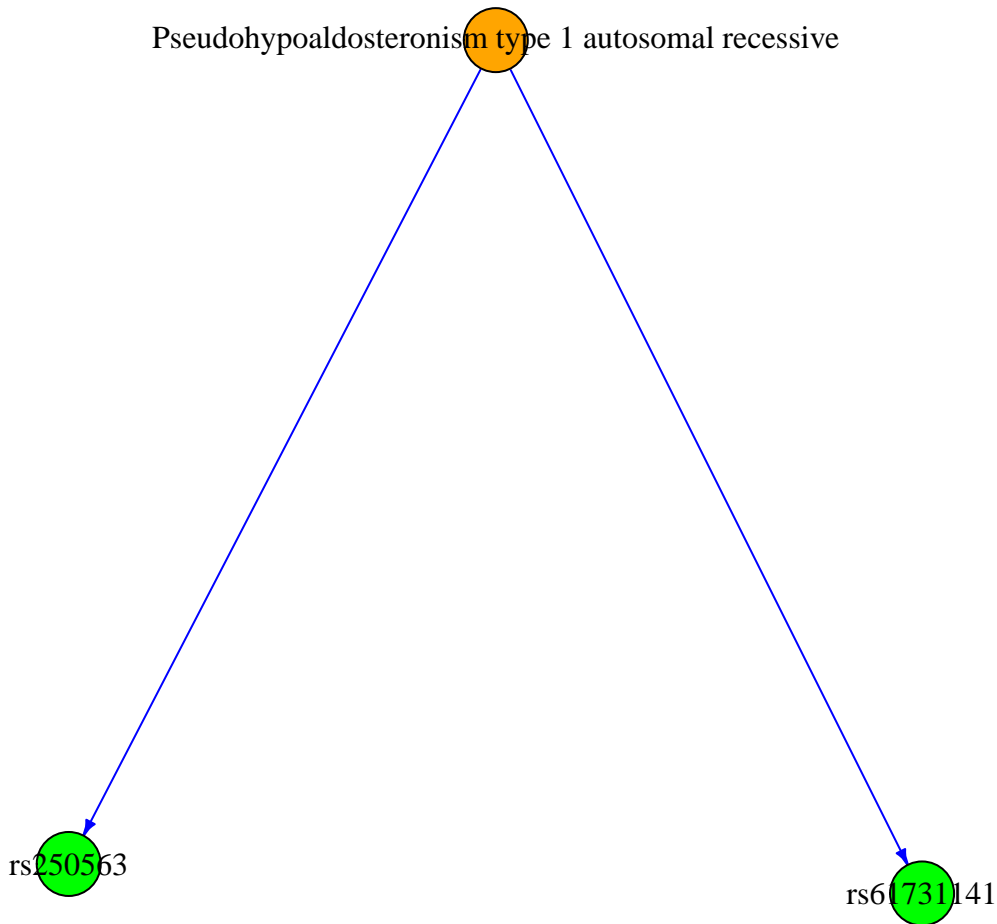
## Variant–Disease Network (Protein S deficiency)



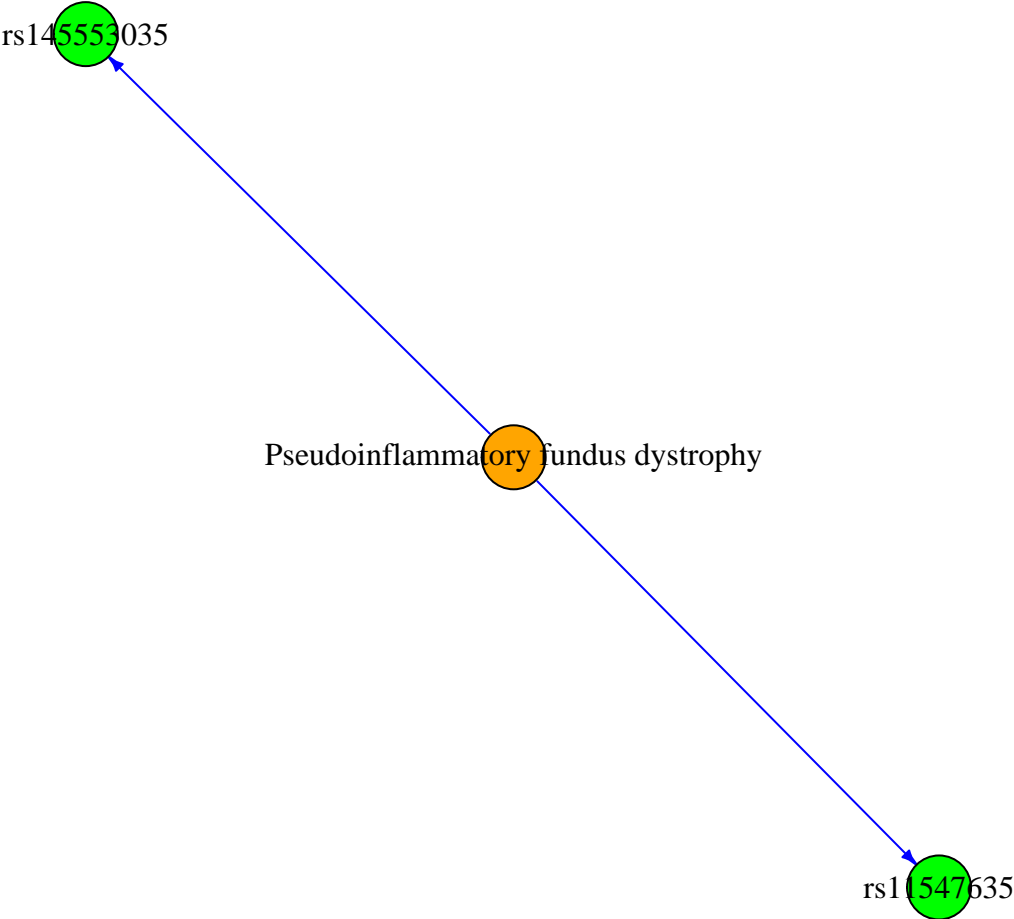
## Variant–Disease Network (Protoporphyrria)



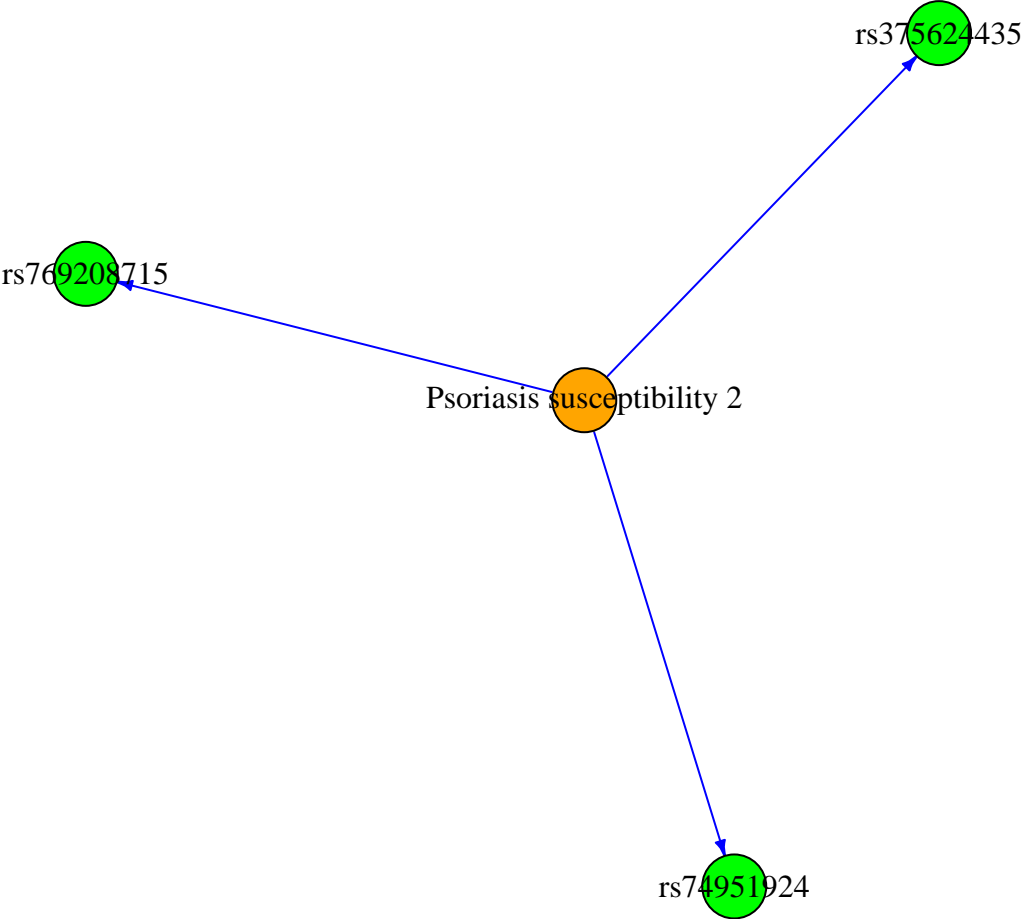
# Variant-Disease Network (Pseudohypoaldosteronism type 1 autosomal recessive)



Variant–Disease Network (Pseudoinflammatory fundus dystrophy)



**Variant–Disease Network (Psoriasis susceptibility 2)**

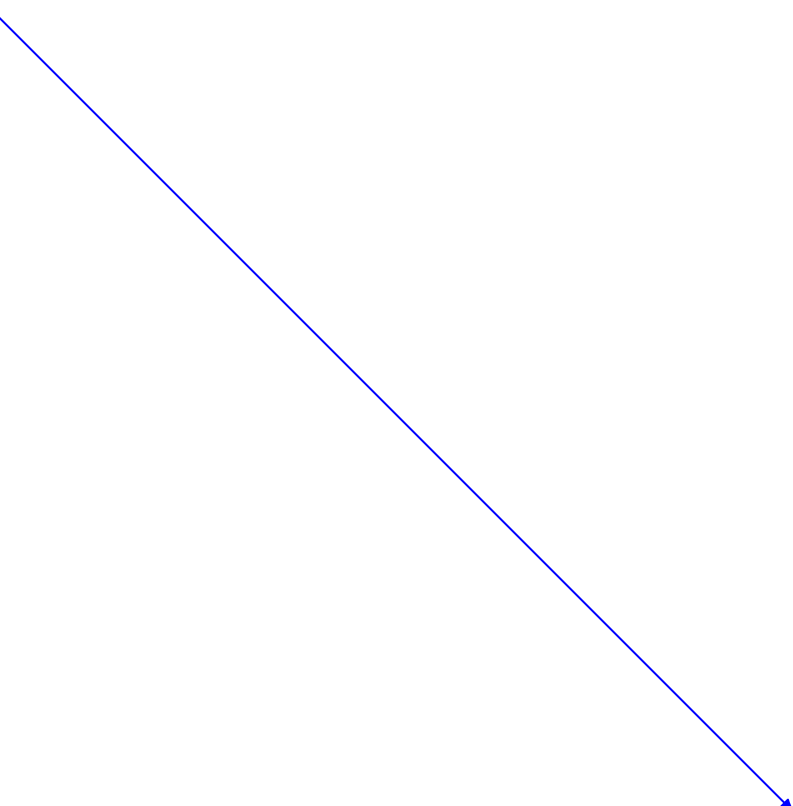


Variant–Disease Network (Pulmonary Surfactant Metabolism Dysfunction

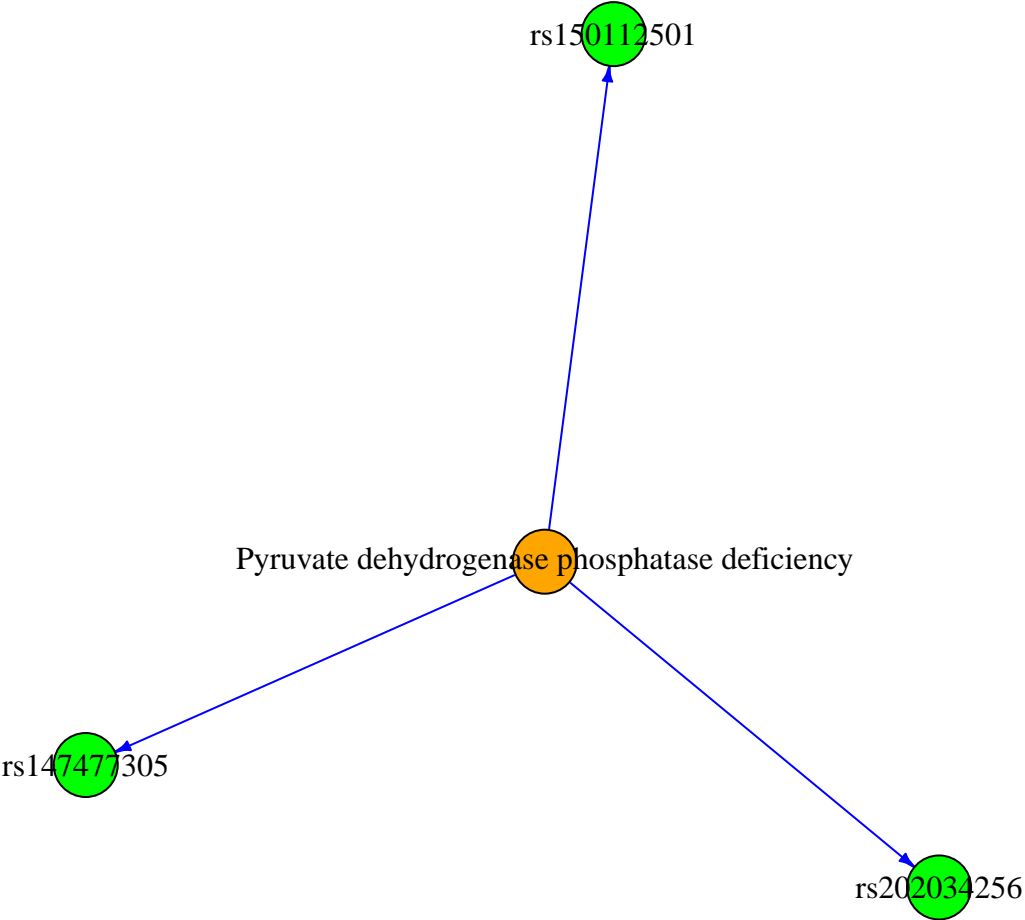
Pulmonary Surfactant Metabolism Dysfunction



rs623043

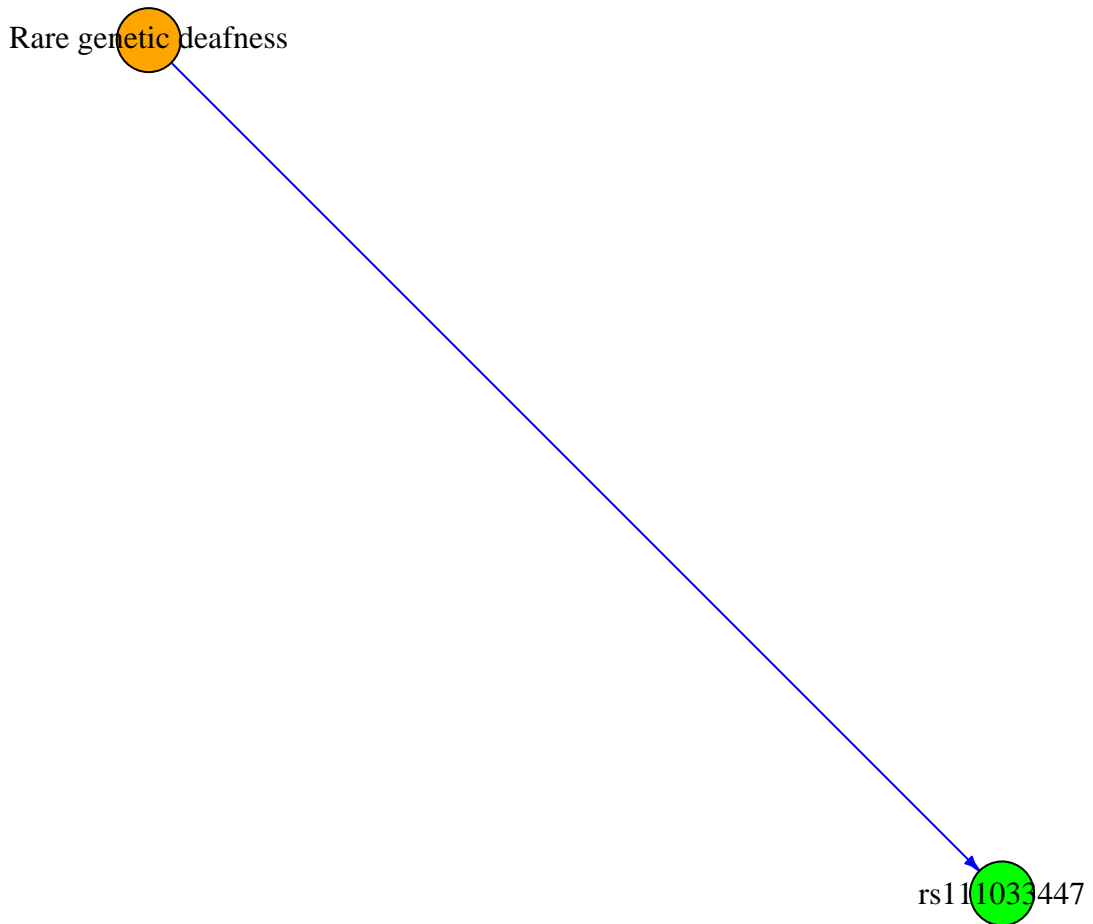


Variant–Disease Network (Pyruvate dehydrogenase phosphatase deficiency)

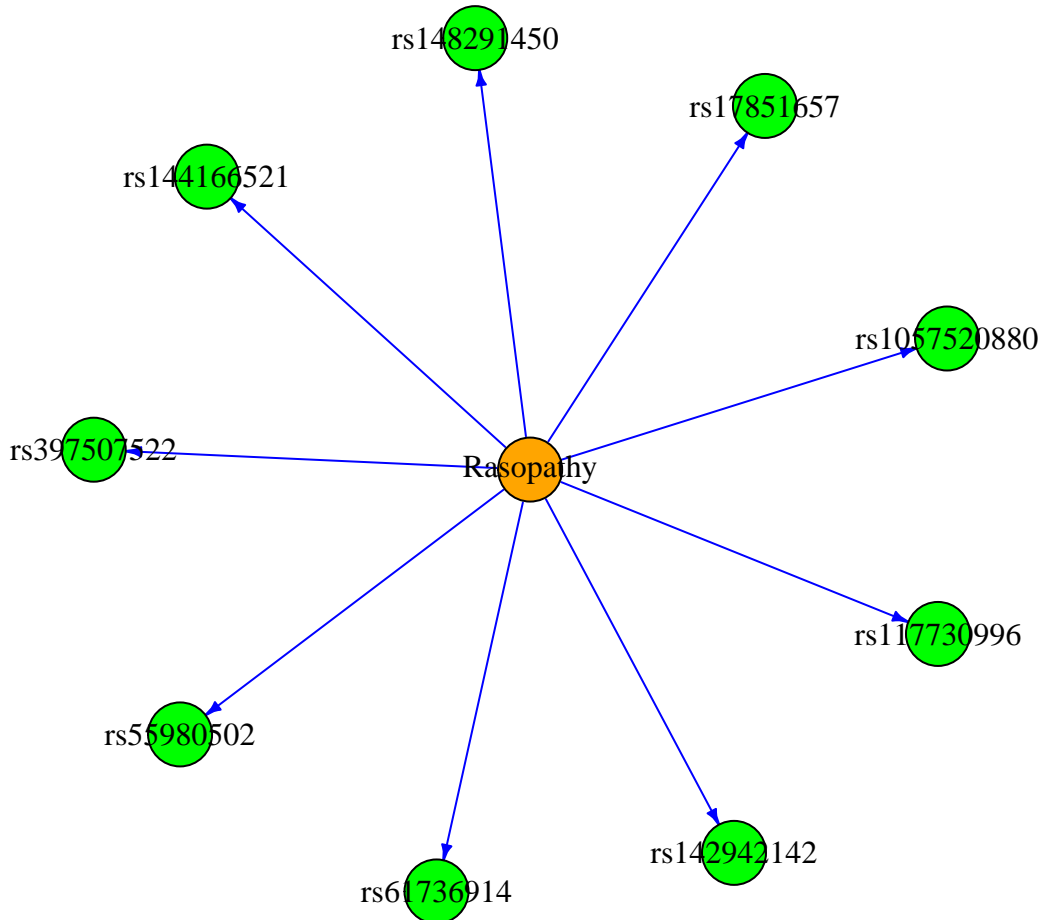




## Variant–Disease Network (Rare genetic deafness)



## Variant–Disease Network (Rasopathy)

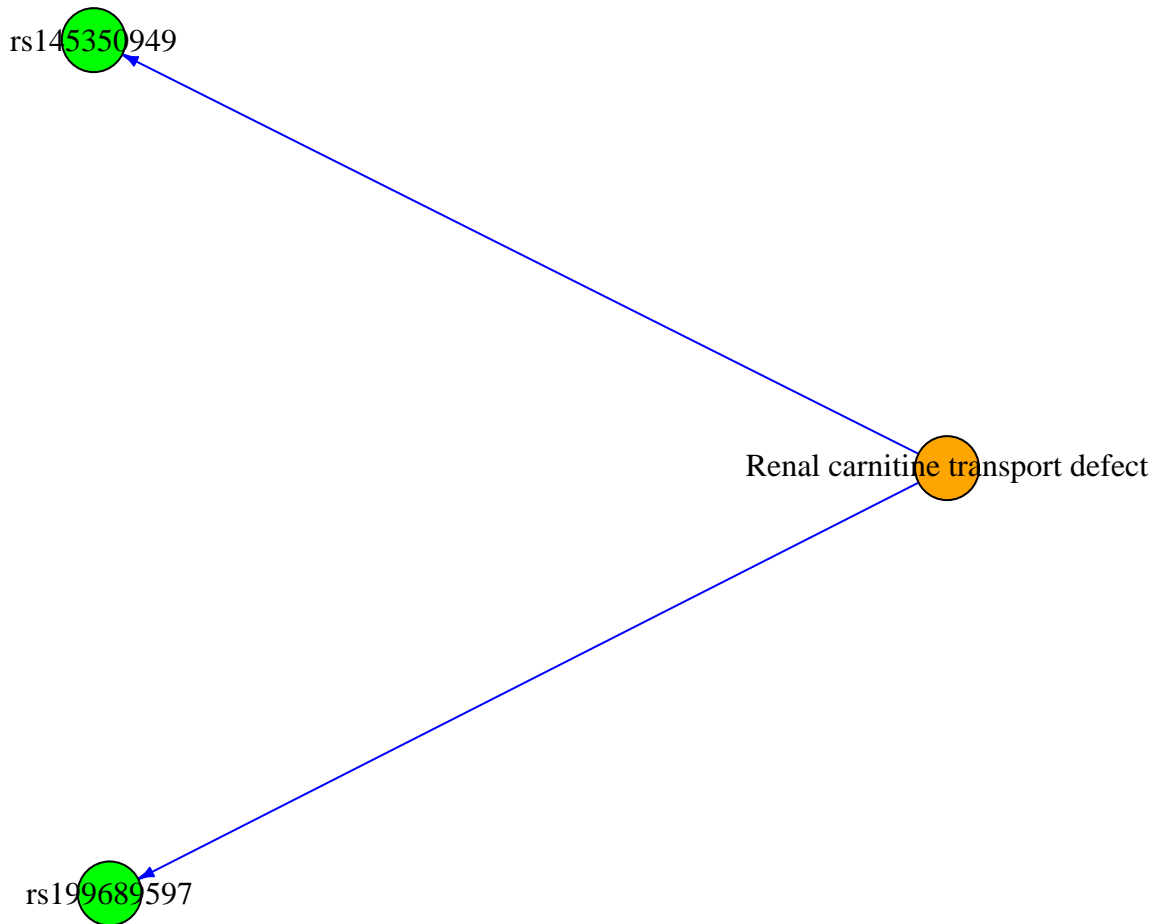


## Variant–Disease Network (Renal carnitine transport defect)

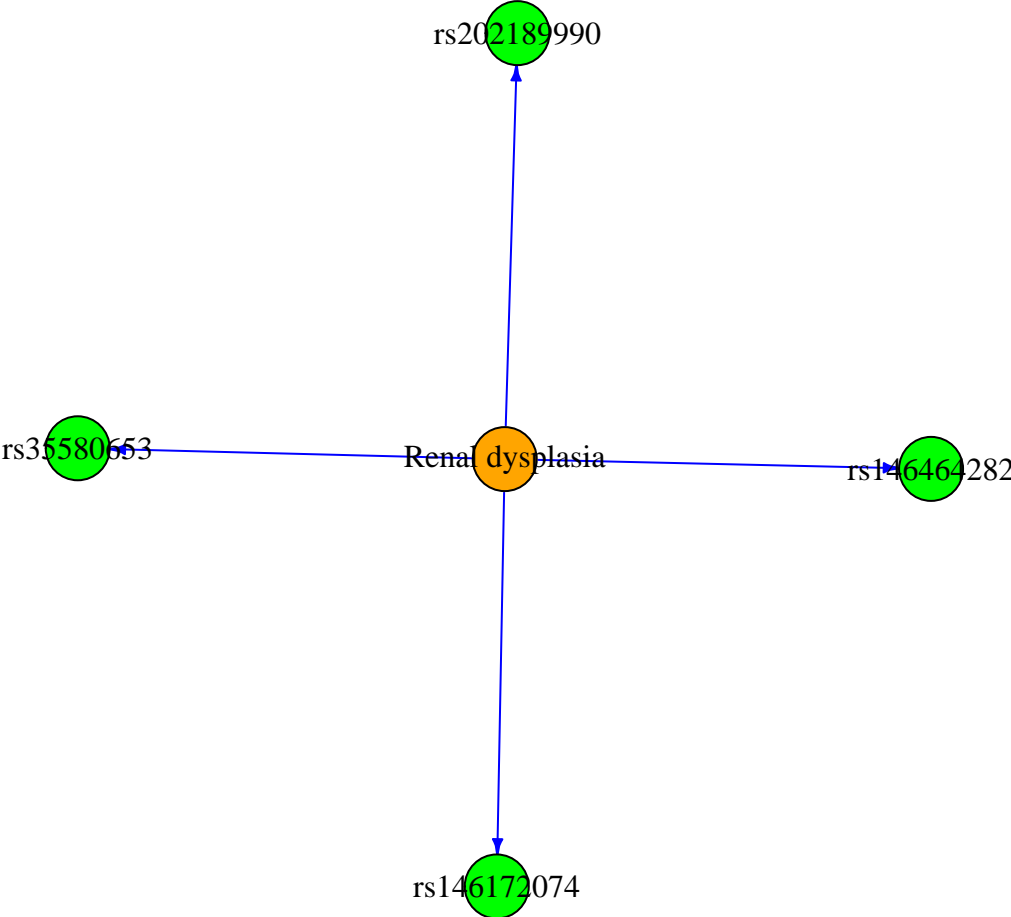
rs145350949

Renal carnitine transport defect

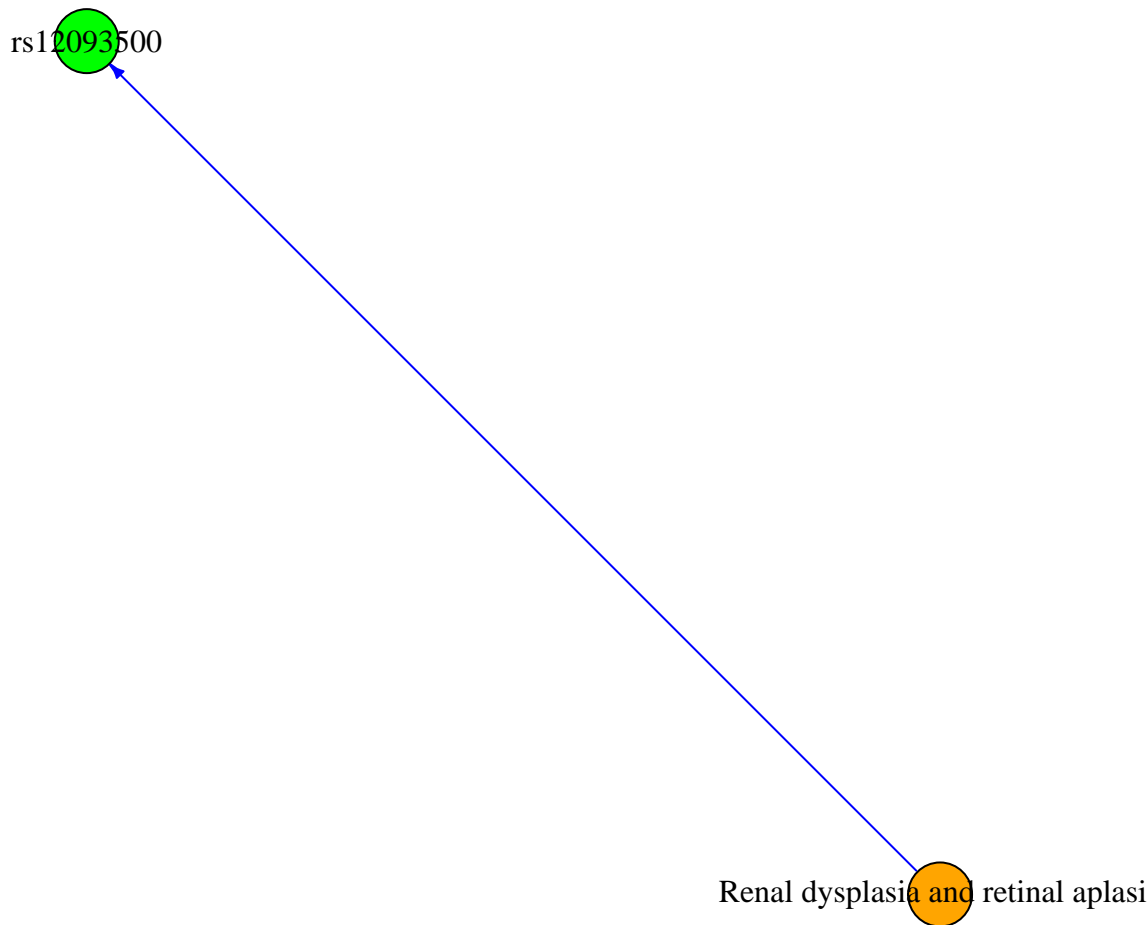
rs199689597



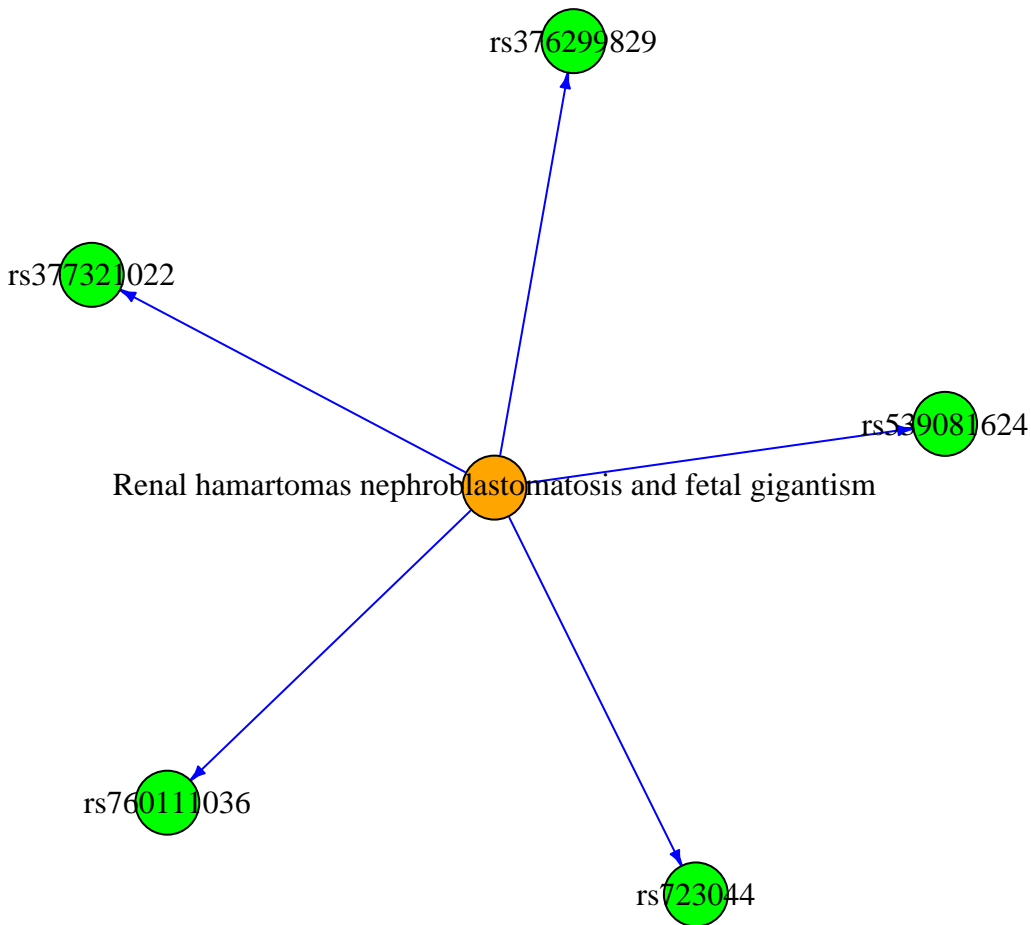
Variant–Disease Network (Renal dysplasia)



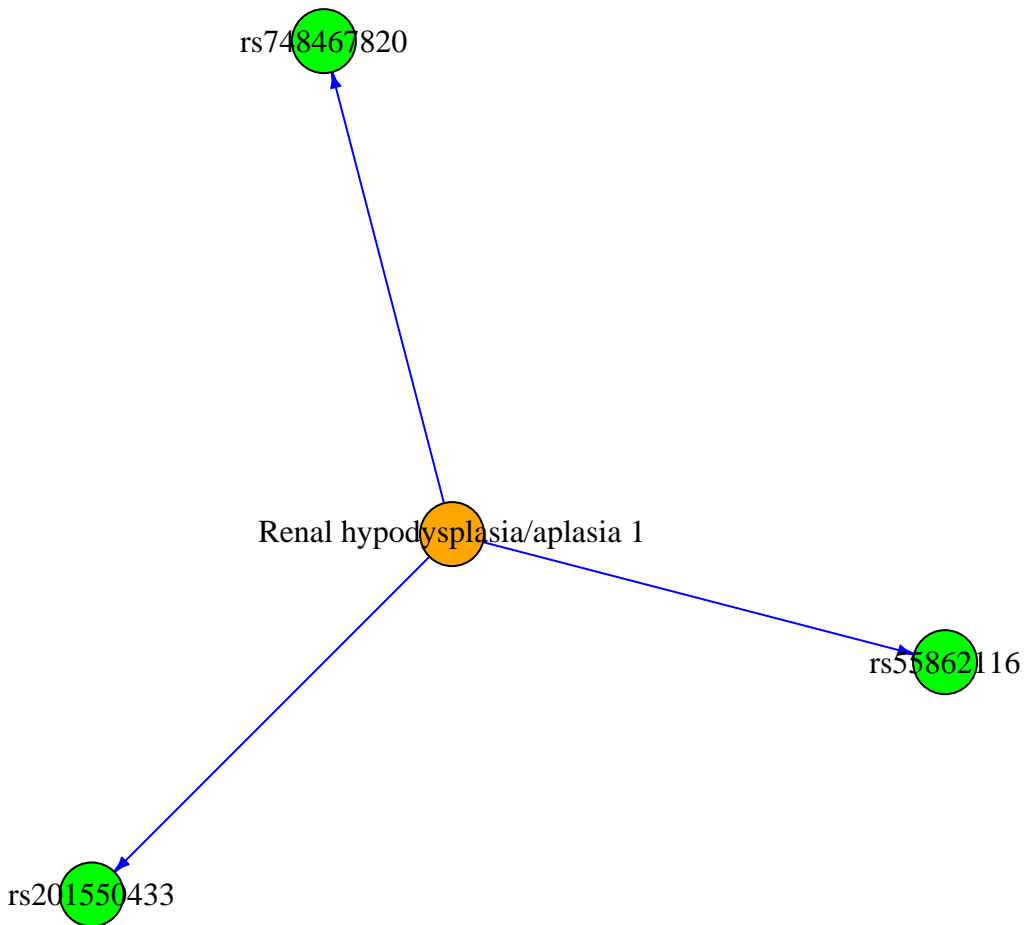
## Variant–Disease Network (Renal dysplasia and retinal aplasia)



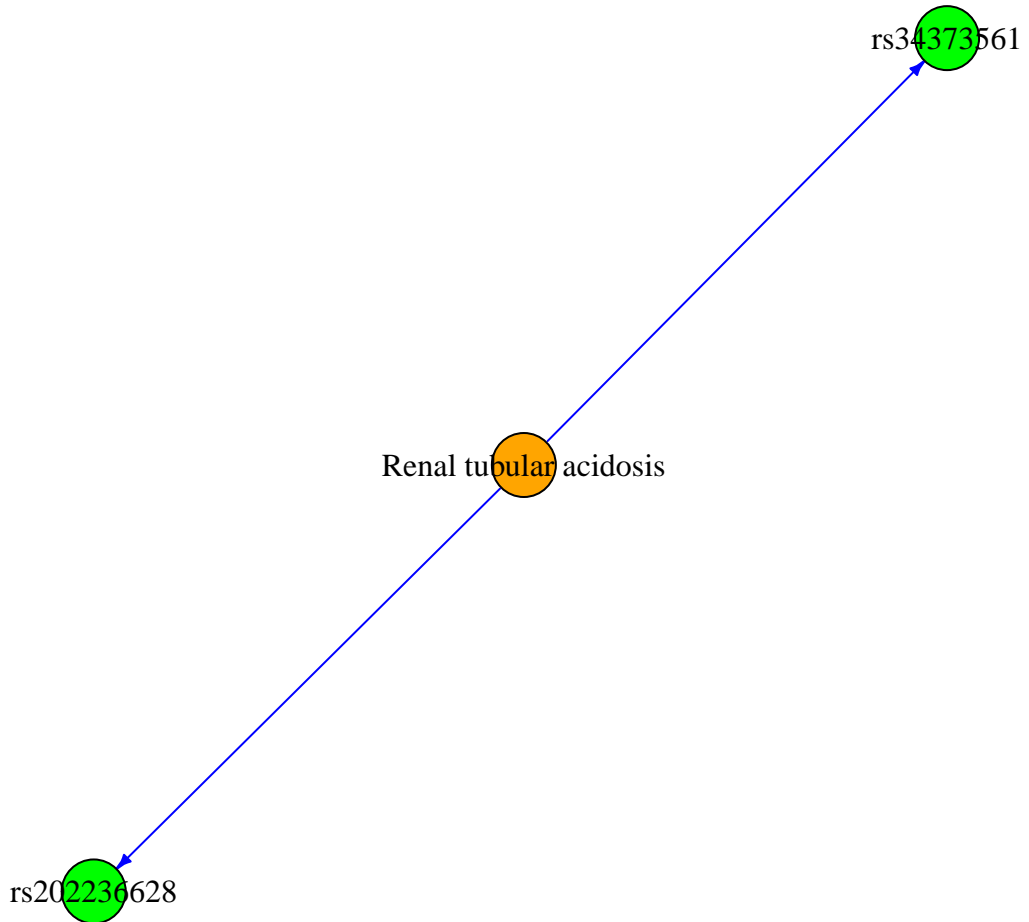
# ant-Disease Network (Renal hamartomas nephroblastomatosis and fetal gigantism)



## Variant–Disease Network (Renal hypodysplasia/aplasia 1)

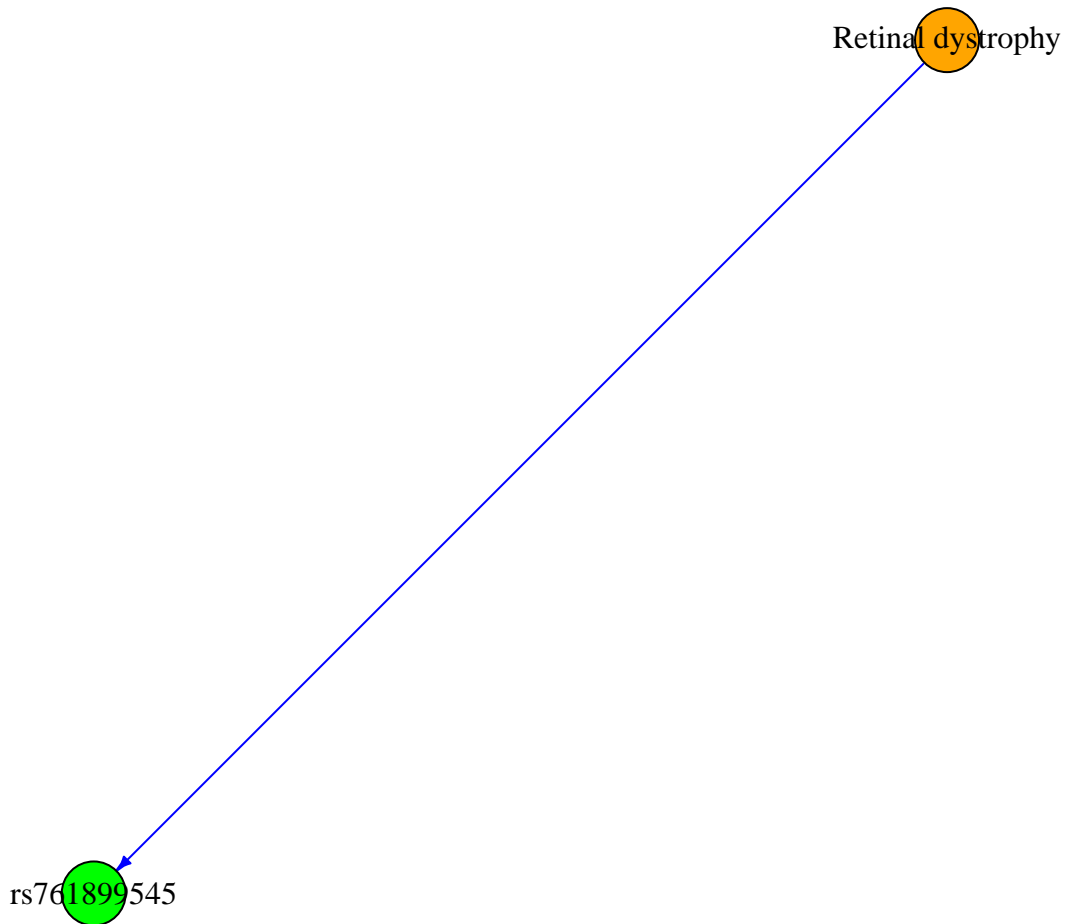


## Variant–Disease Network (Renal tubular acidosis)

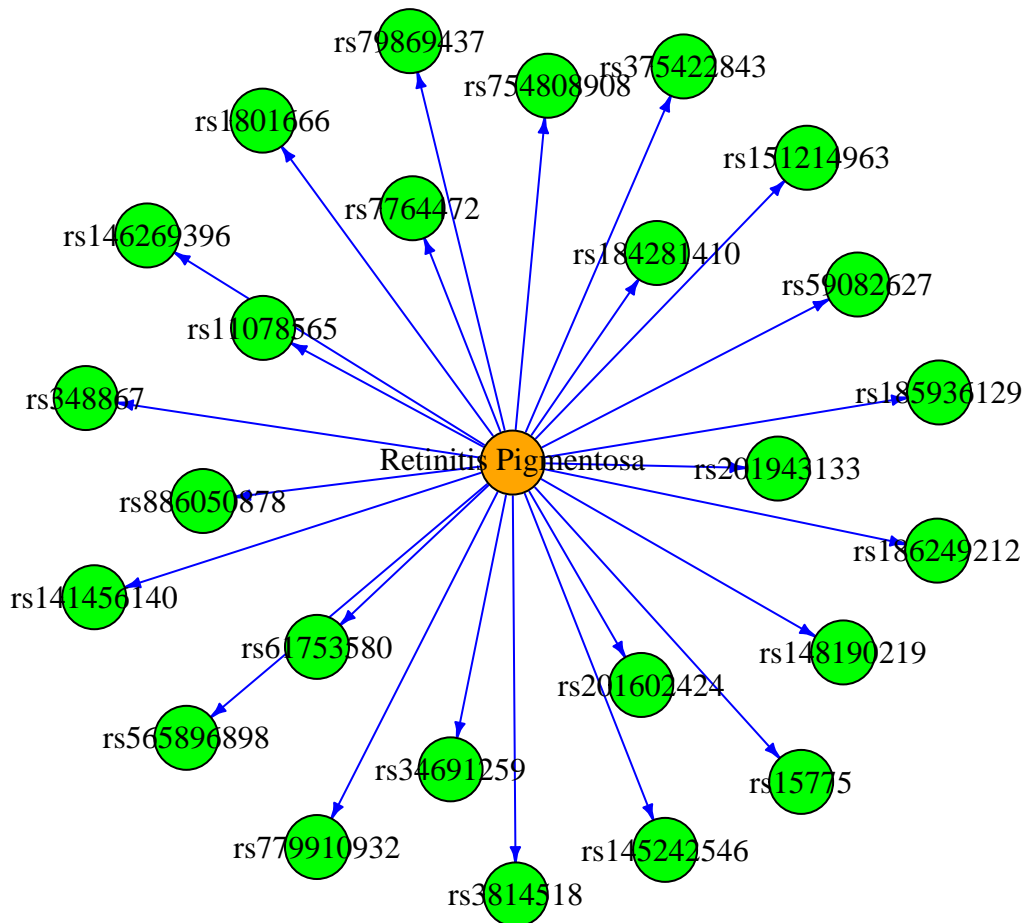




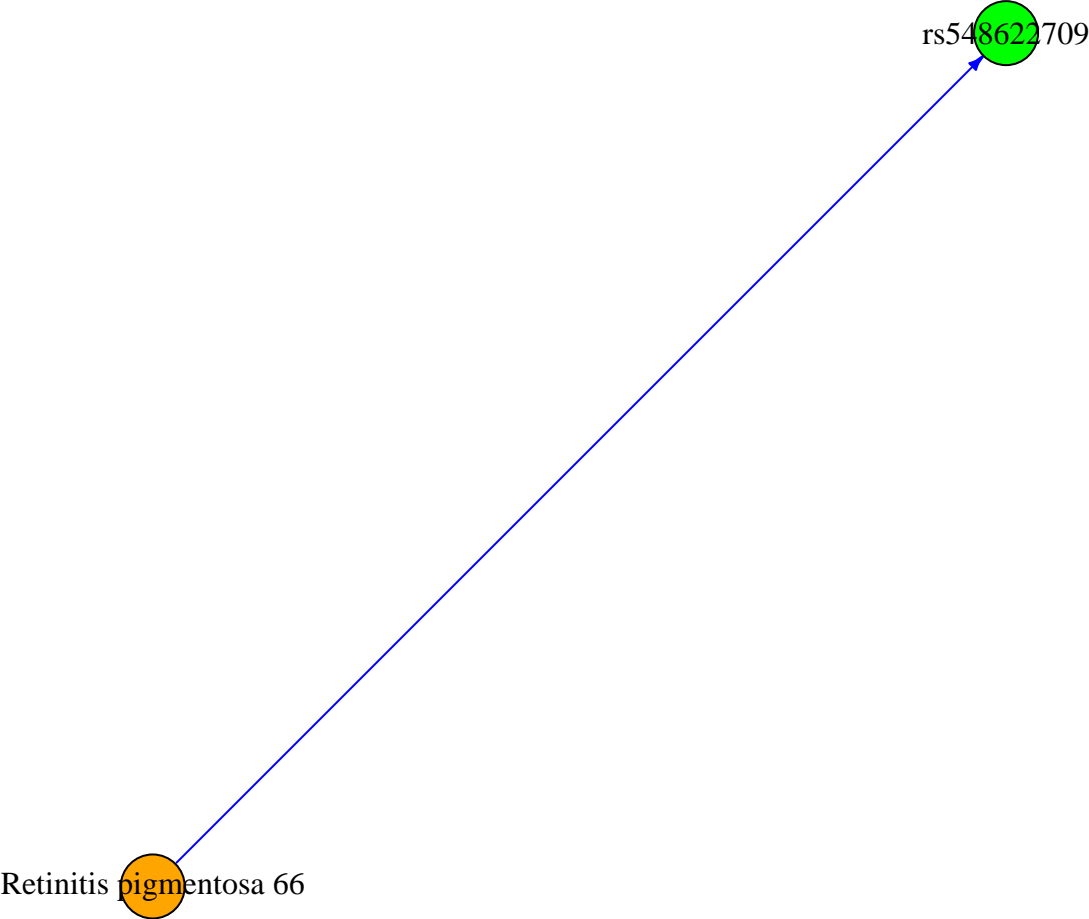
## Variant-Disease Network (Retinal dystrophy)



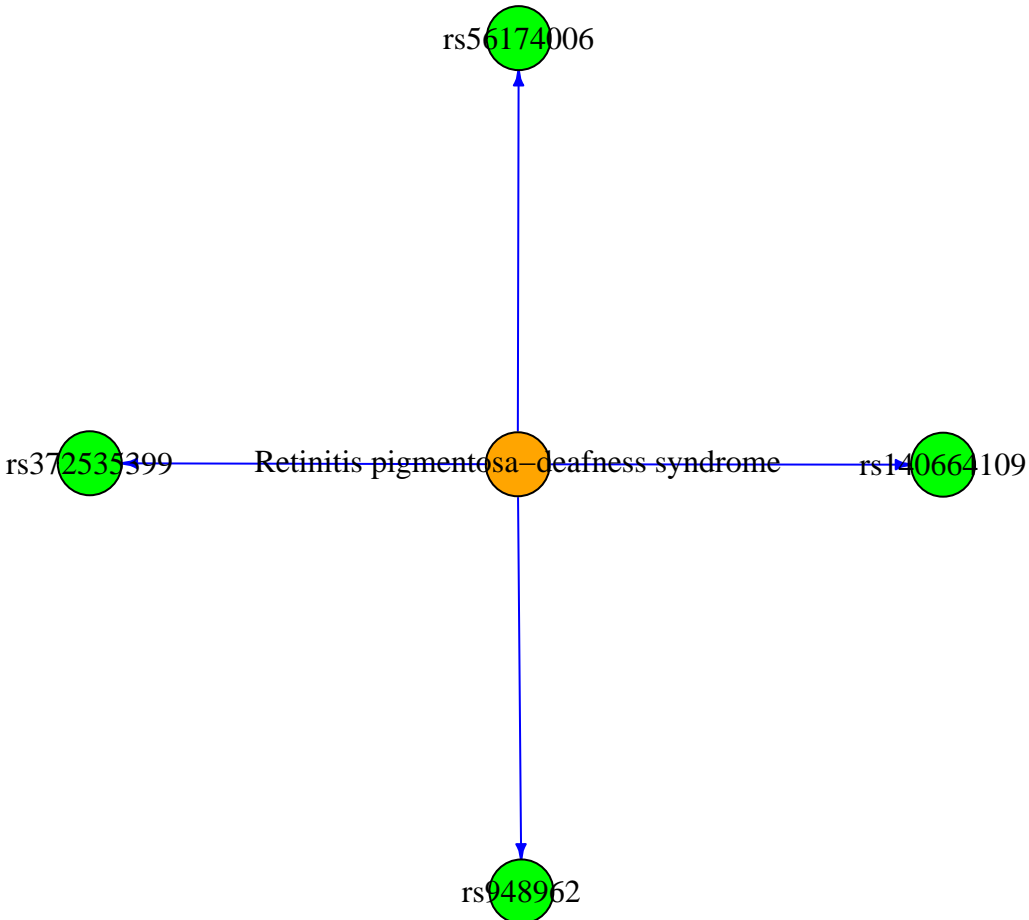
## Variant-Disease Network (Retinitis Pigmentosa)



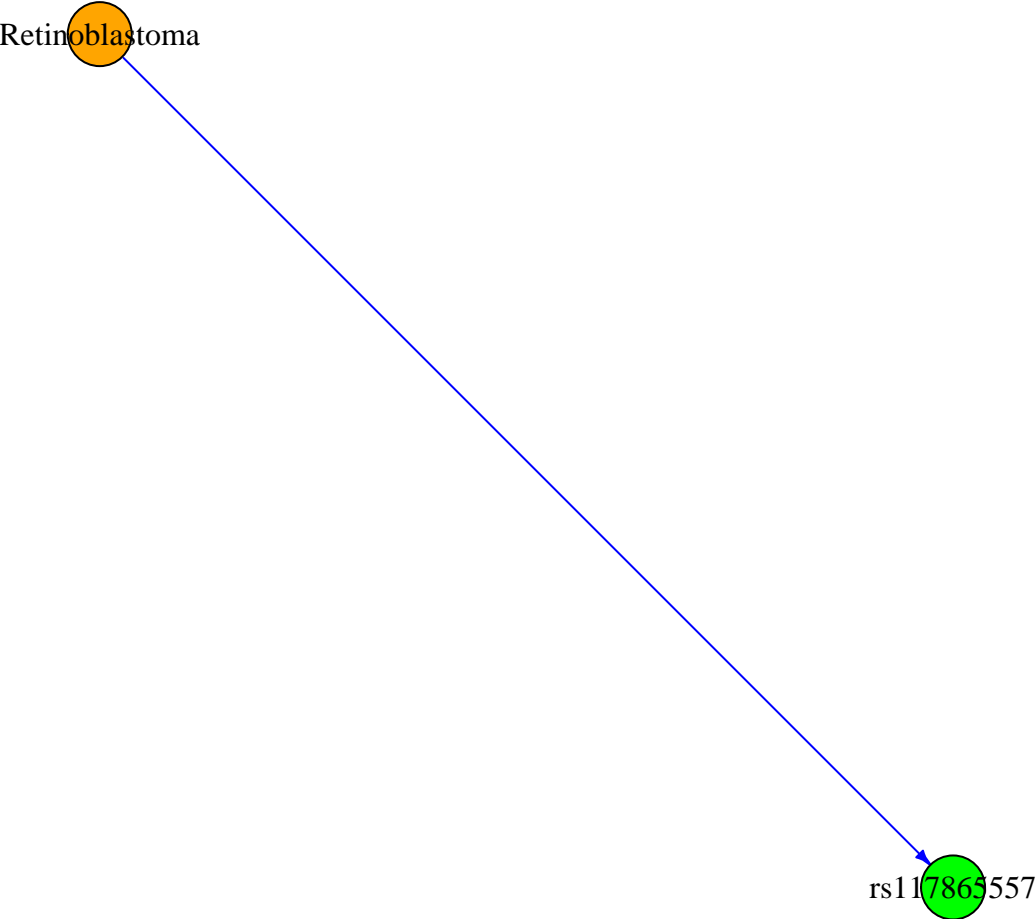
**Variant–Disease Network (Retinitis pigmentosa 66)**



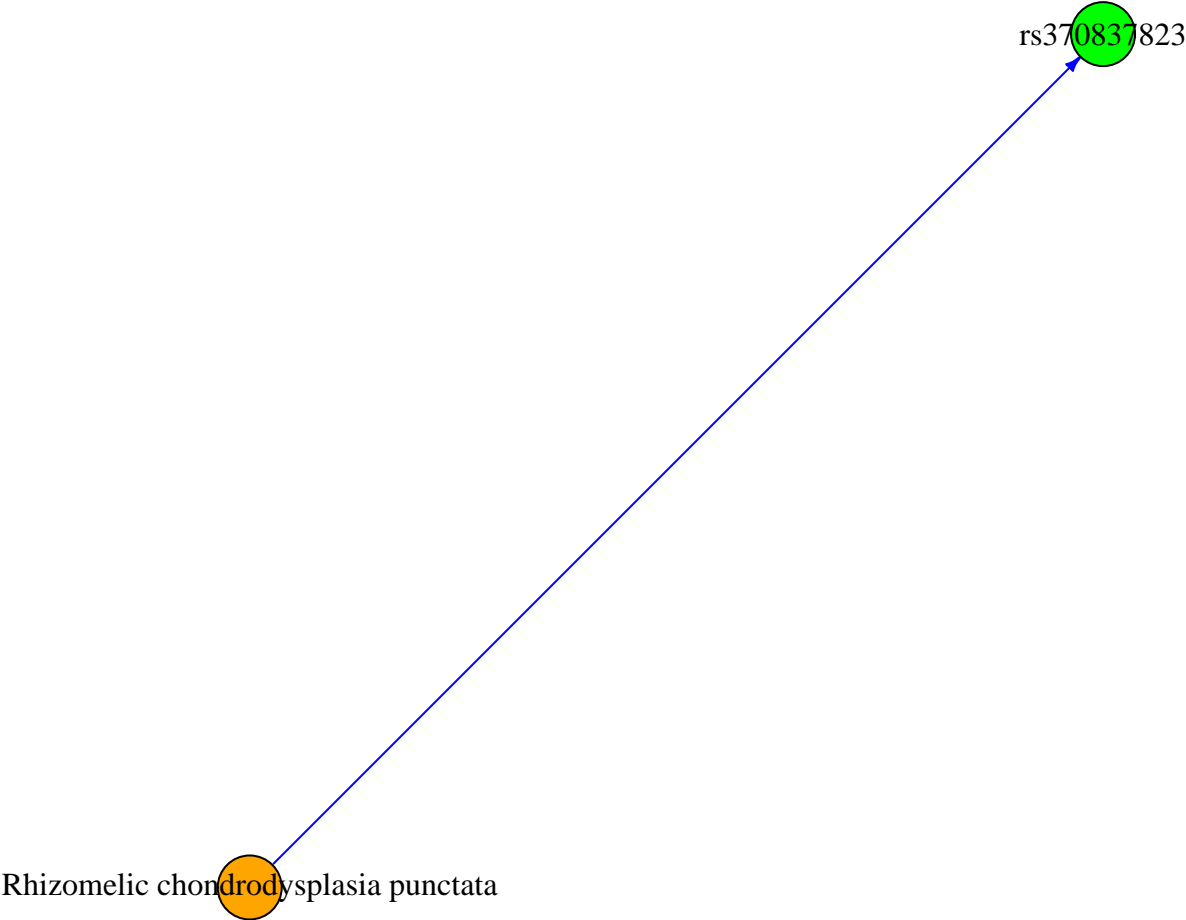
**Variant–Disease Network (Retinitis pigmentosa–deafness syndrome)**



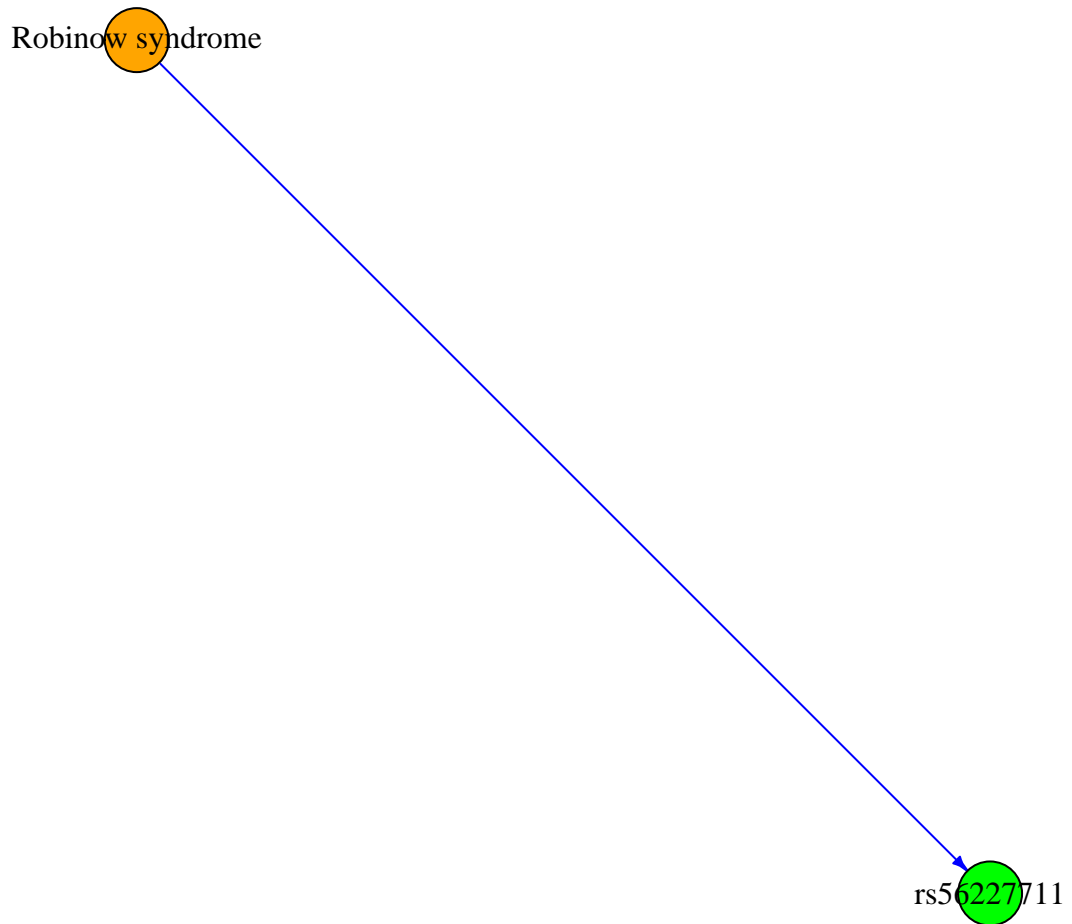
Variant–Disease Network (Retinoblastoma)



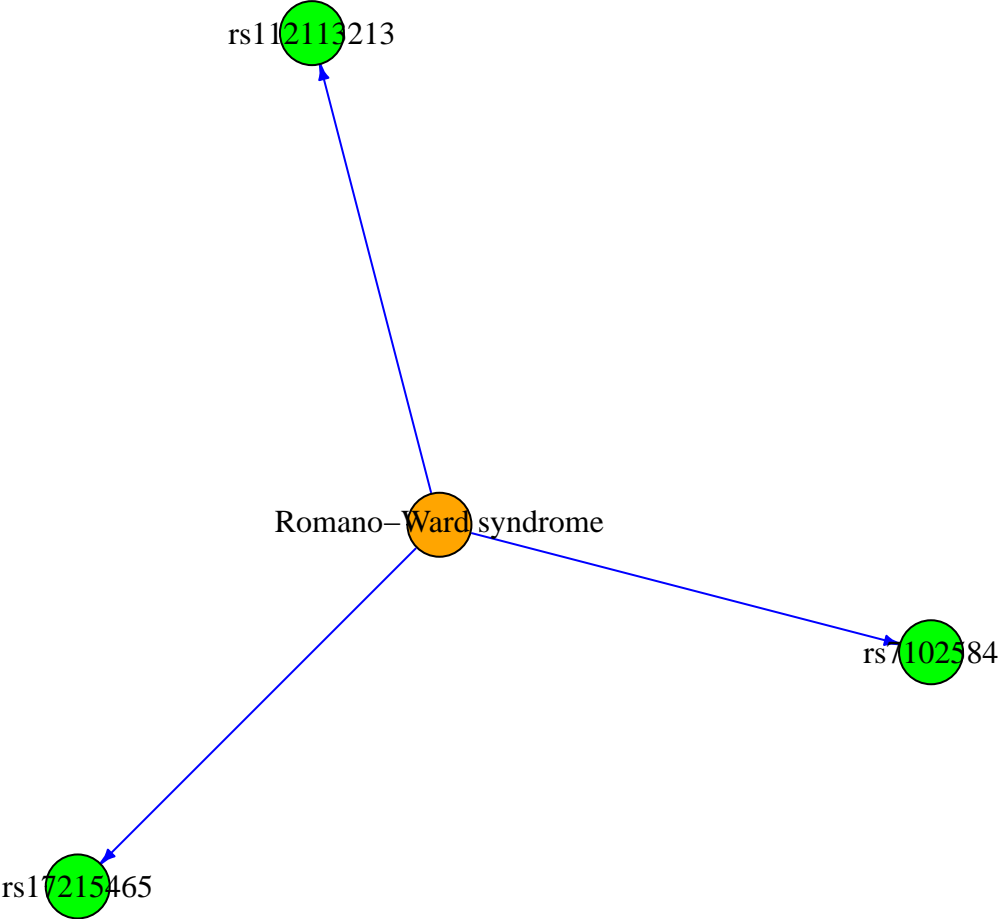
Variant–Disease Network (Rhizomelic chondrodysplasia punctata)



## Variant–Disease Network (Robinow syndrome)

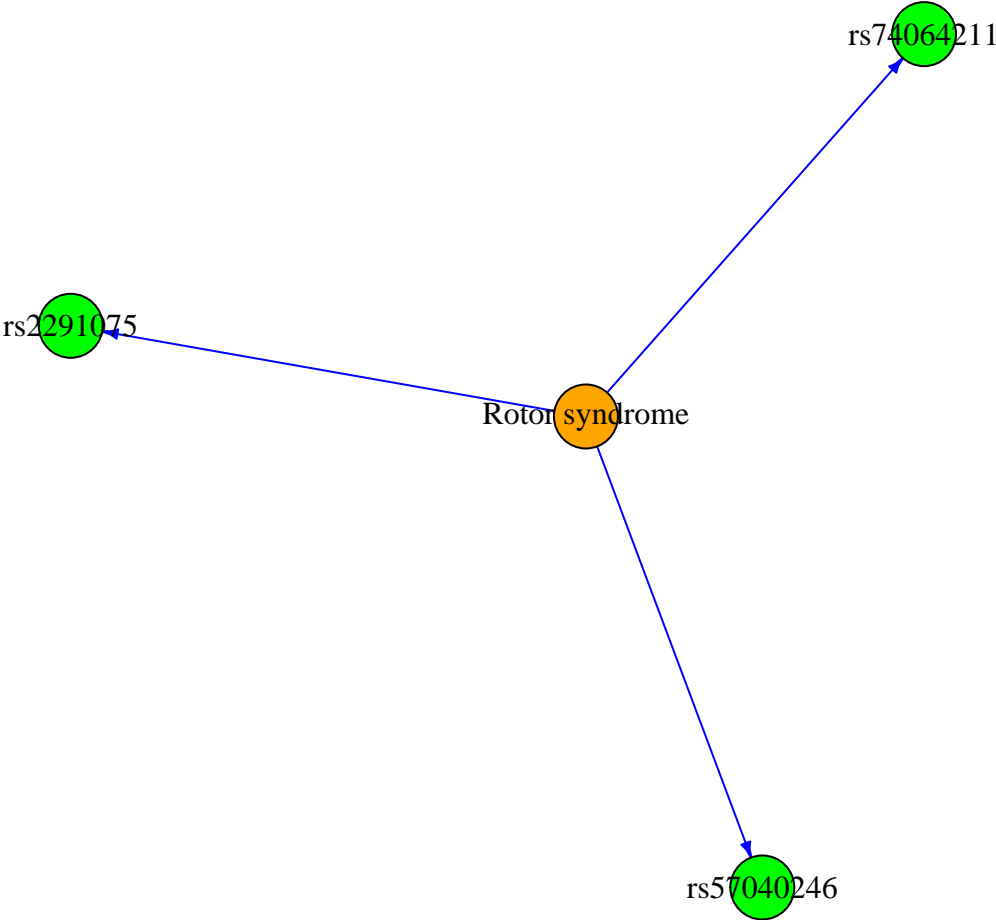


**Variant–Disease Network (Romano–Ward syndrome)**

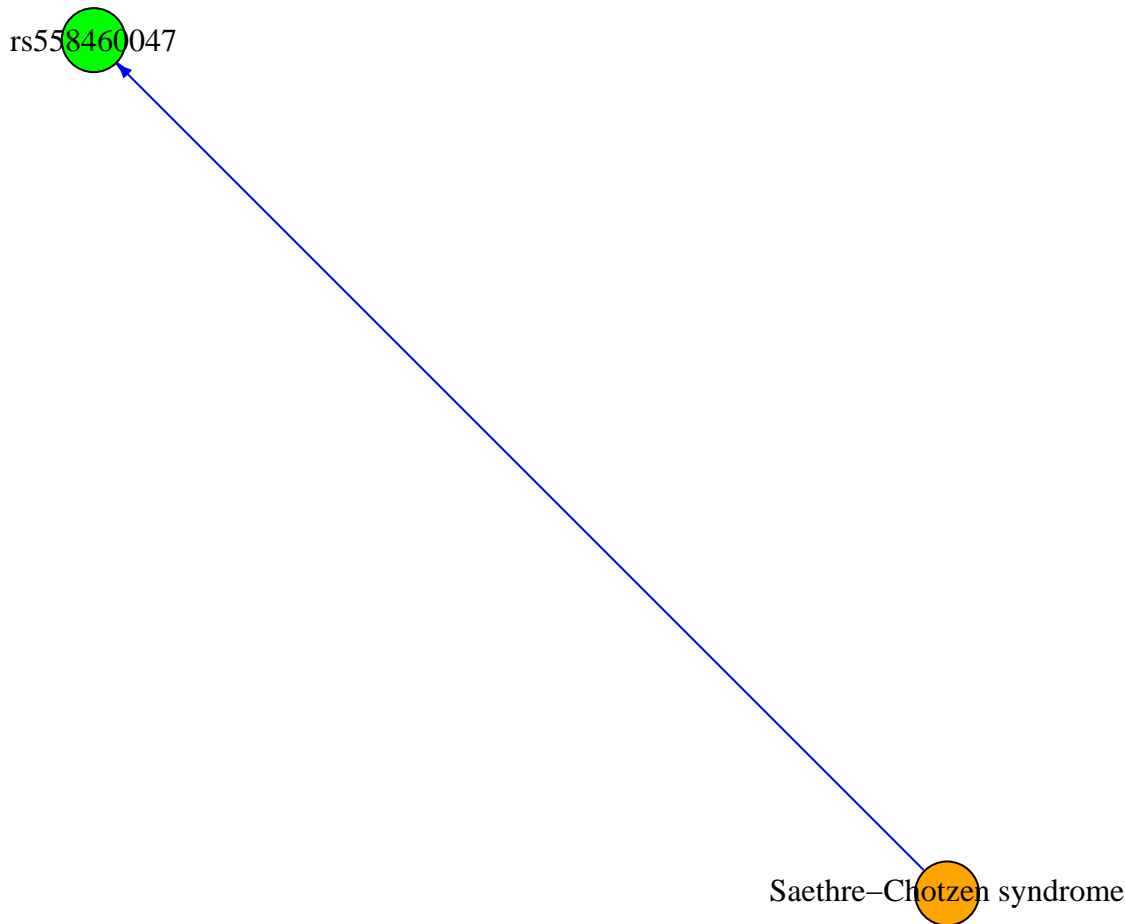




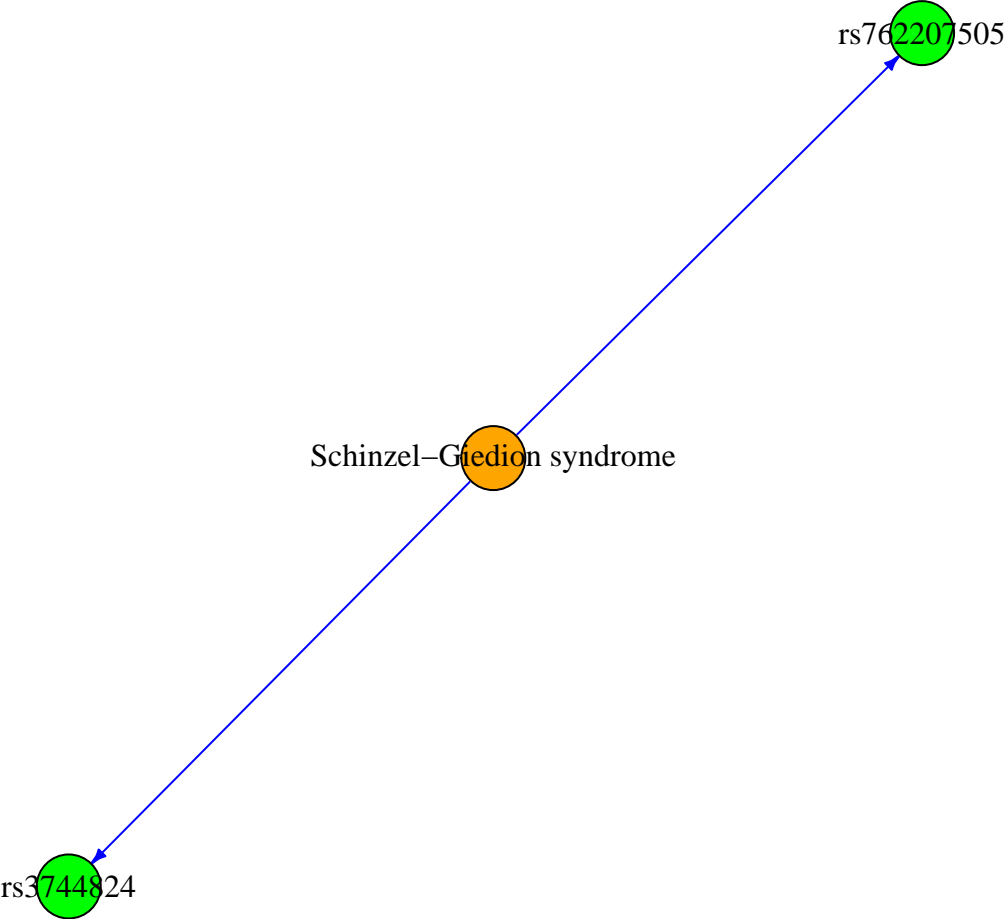
Variant–Disease Network (Rotor syndrome)



# Variant–Disease Network (Saethre–Chotzen syndrome)

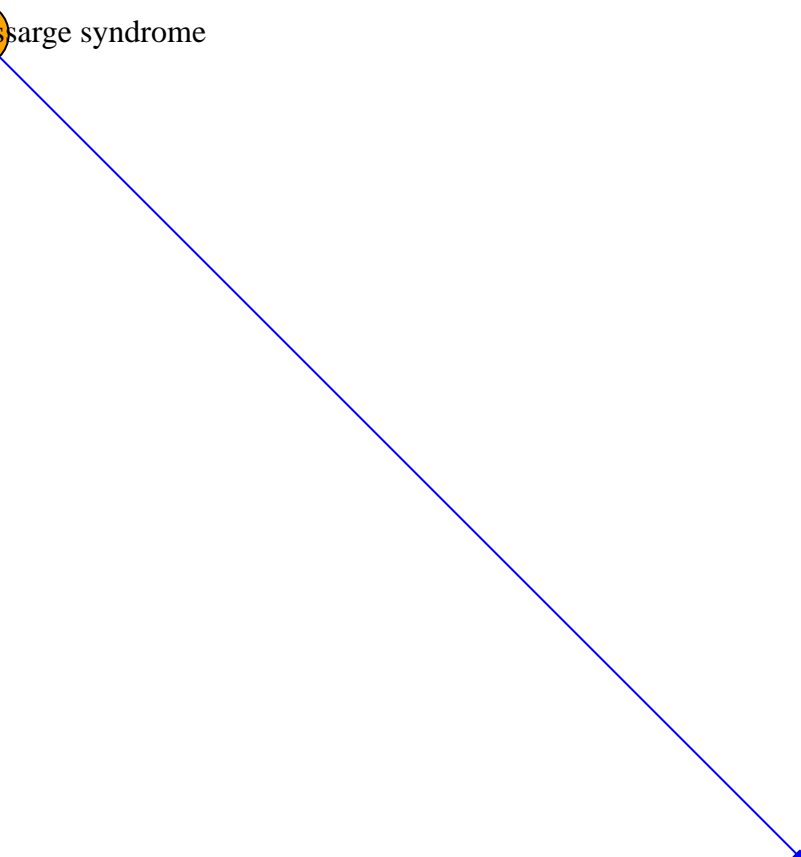


Variant–Disease Network (Schinzel–Giedion syndrome)



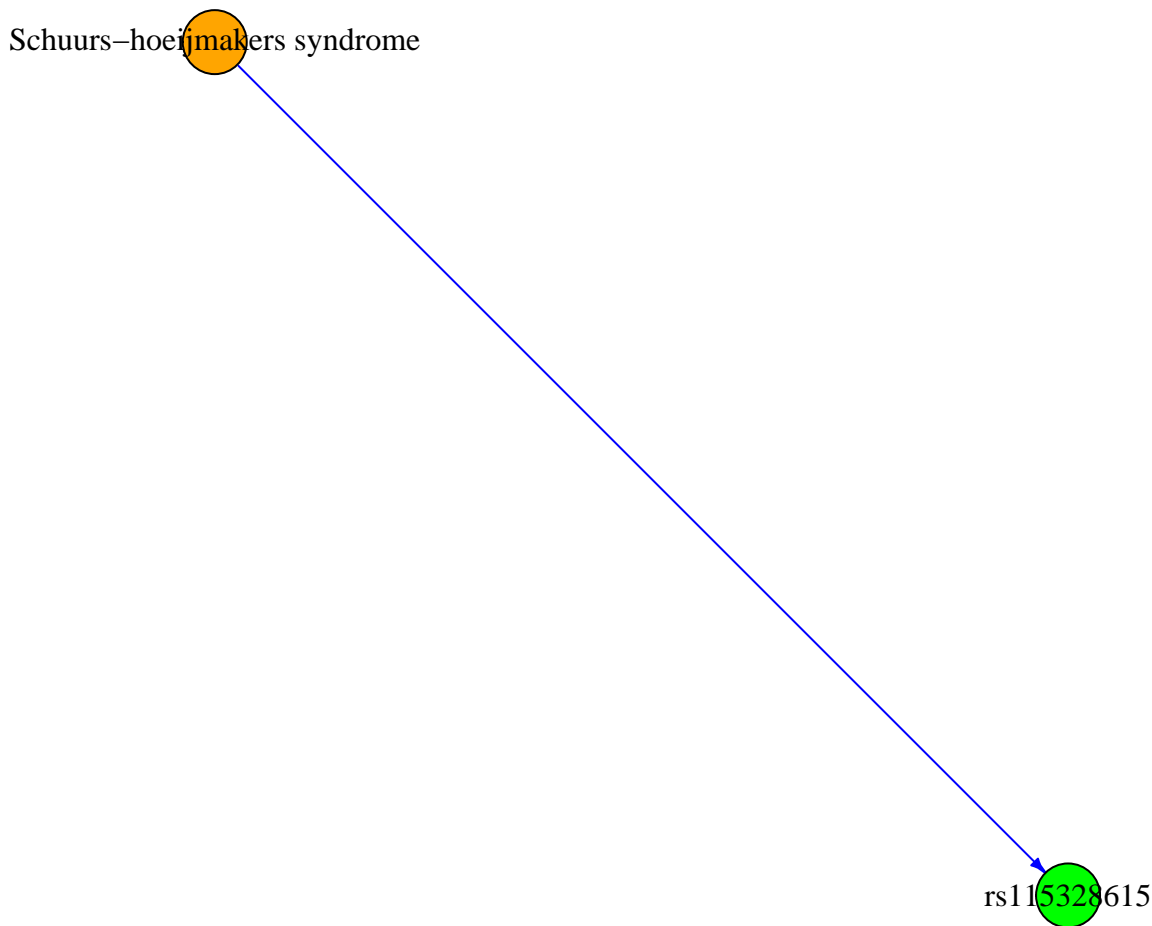
Variant–Disease Network (Schopf–Schulz–Passarge syndrome)

Schopf–Schulz–Passarge syndrome

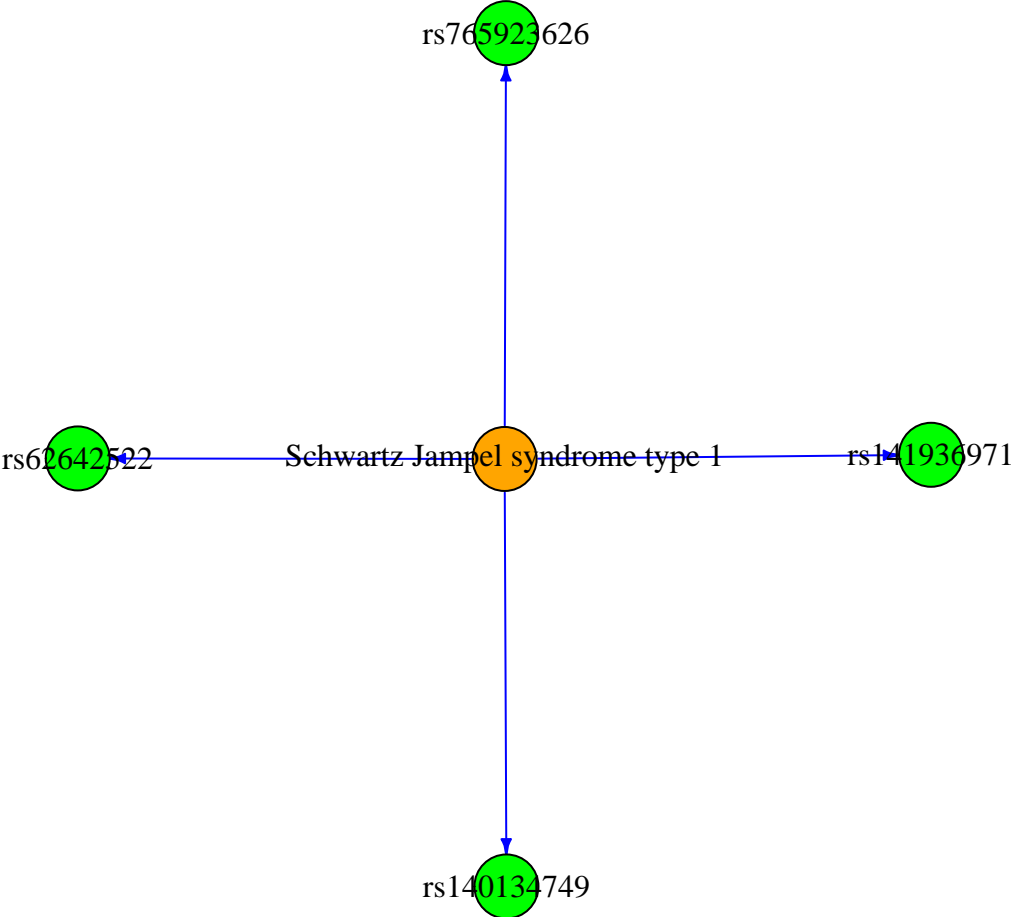


rs143463683

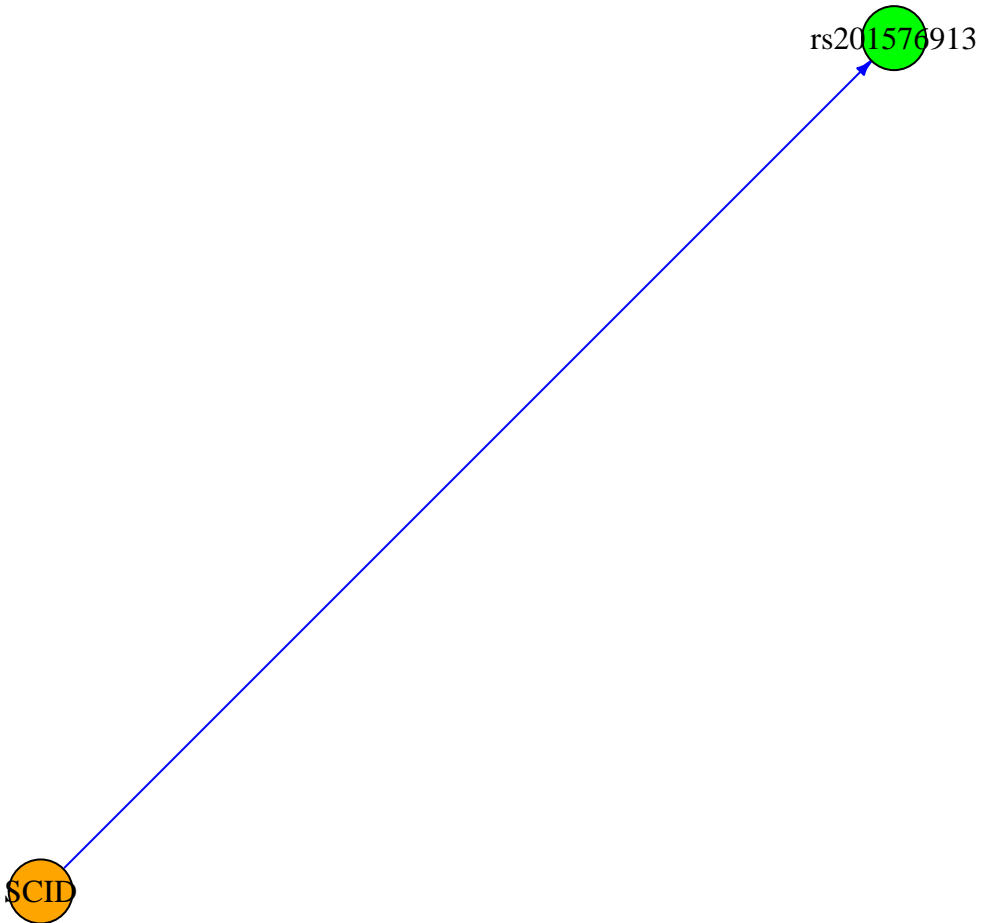
# Variant–Disease Network (Schuurs–hoeijmakers syndrome)



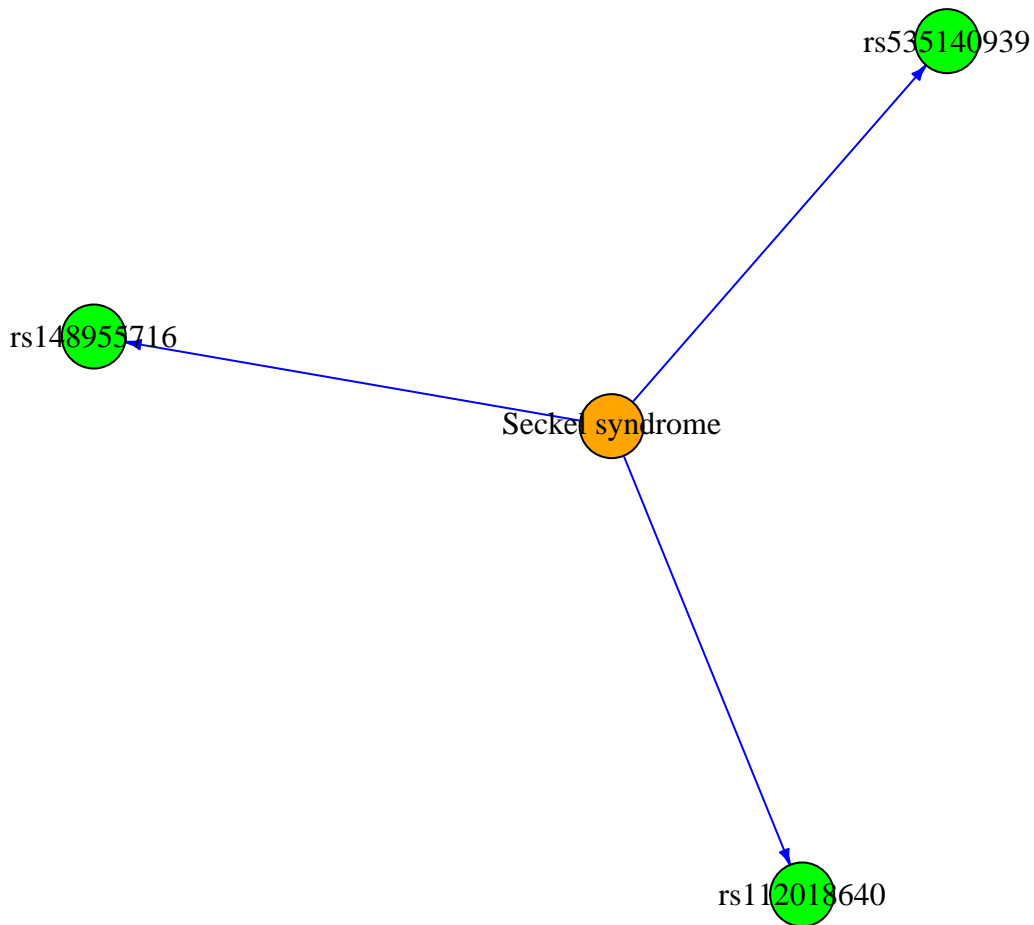
Variant–Disease Network (Schwartz Jampel syndrome type 1)



## Variant-Disease Network (SCID)

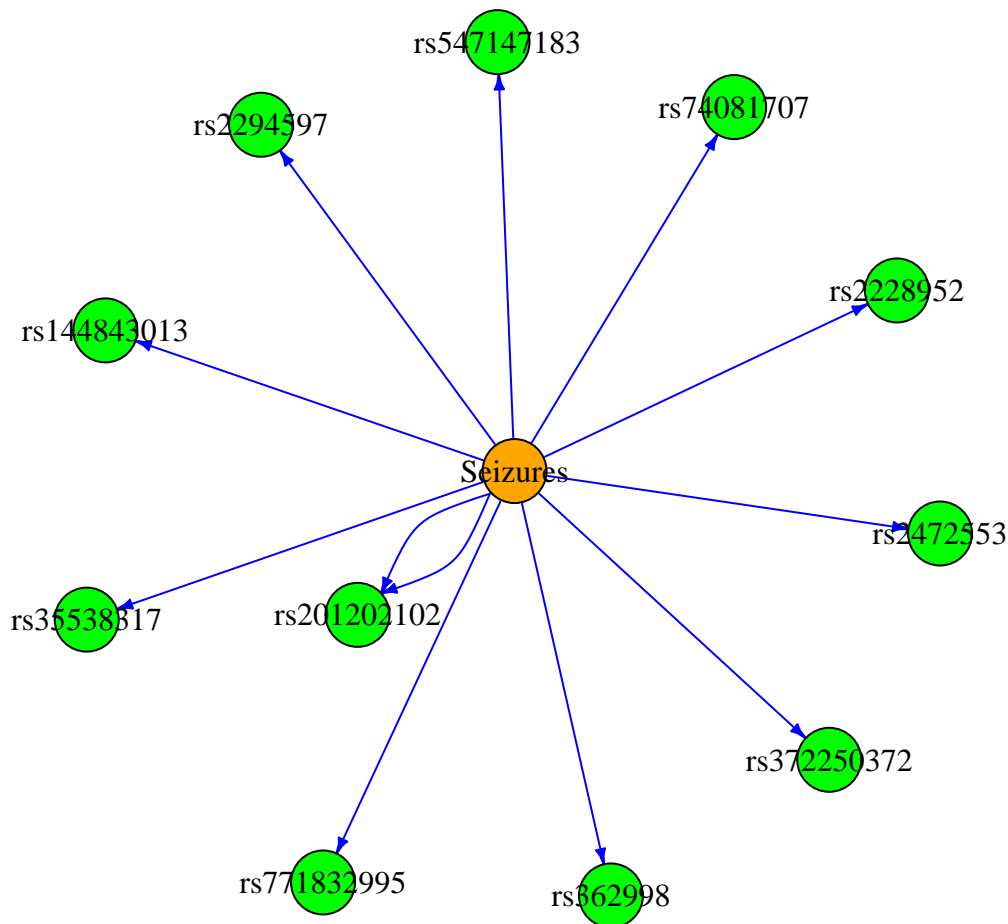


## Variant–Disease Network (Seckel syndrome)

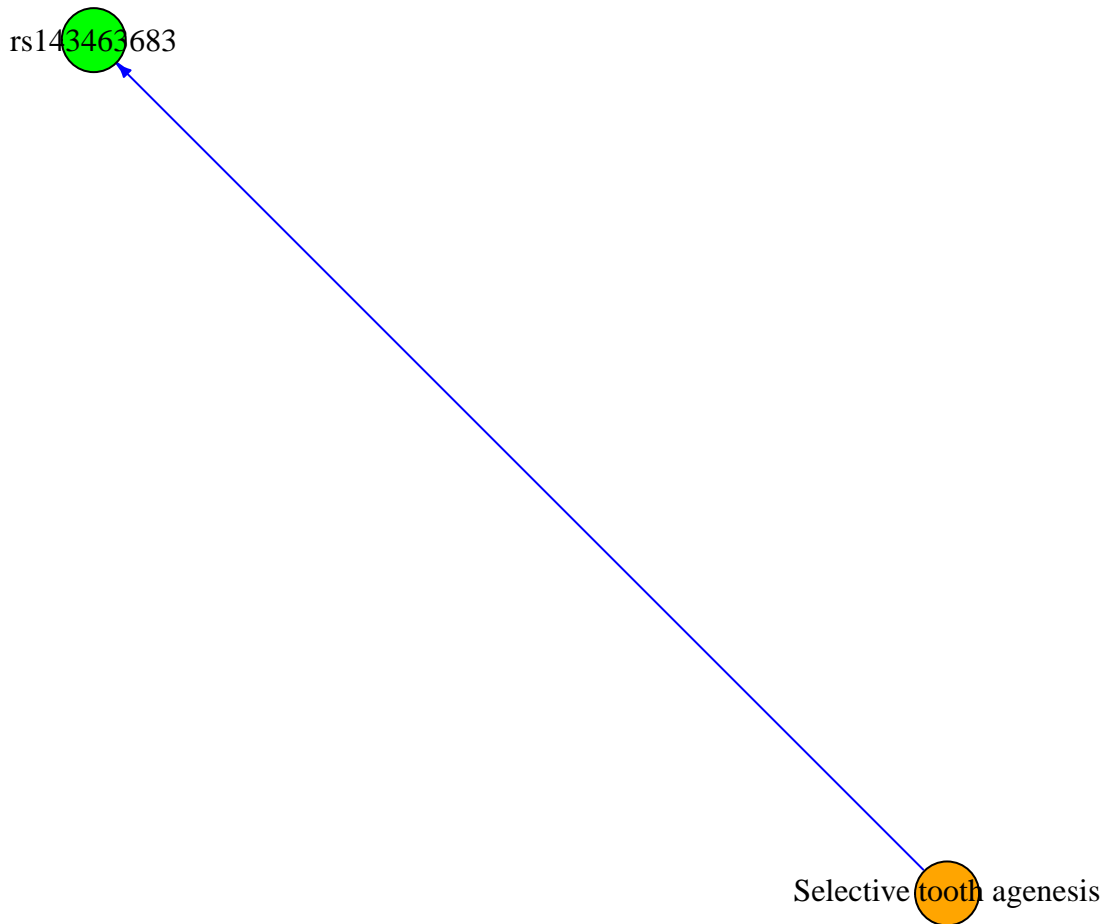




## Variant–Disease Network (Seizures)



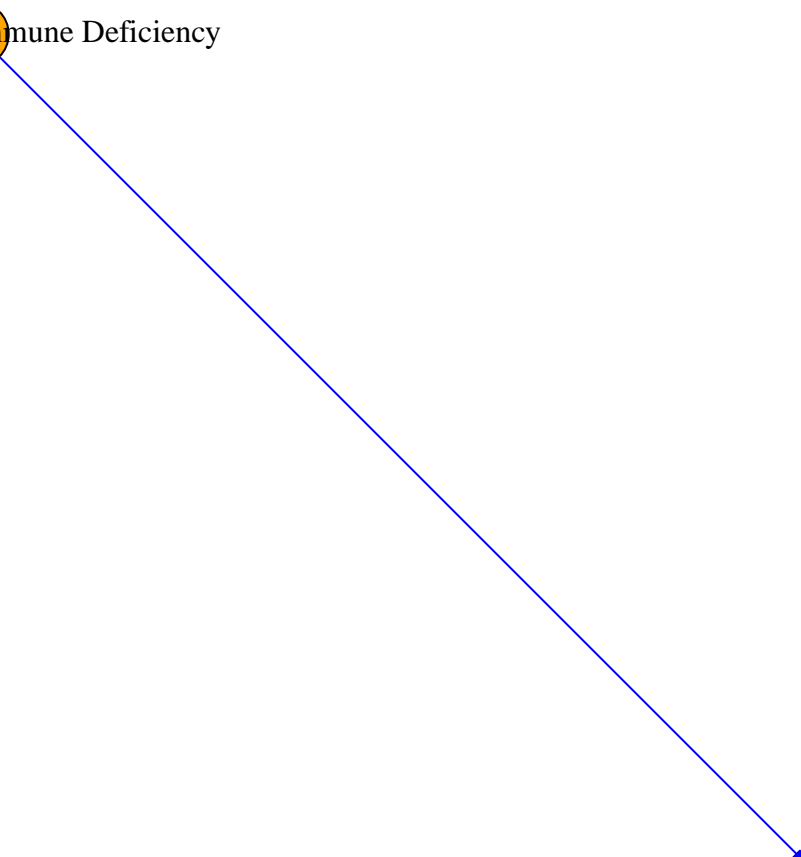
## Variant-Disease Network (Selective tooth agenesis)



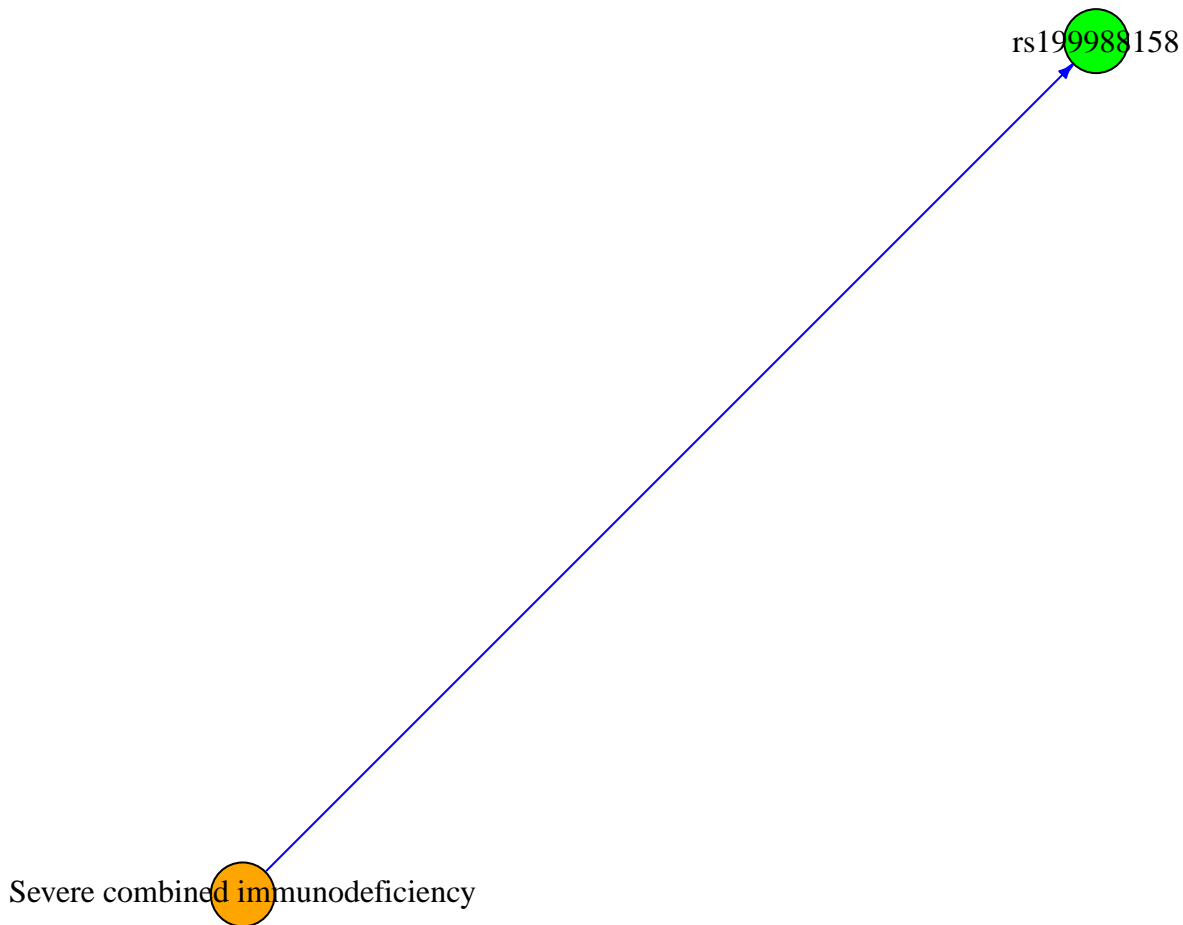
Variant–Disease Network (Severe Combined Immune Deficiency)

Severe Combined Immune Deficiency

rs201576913



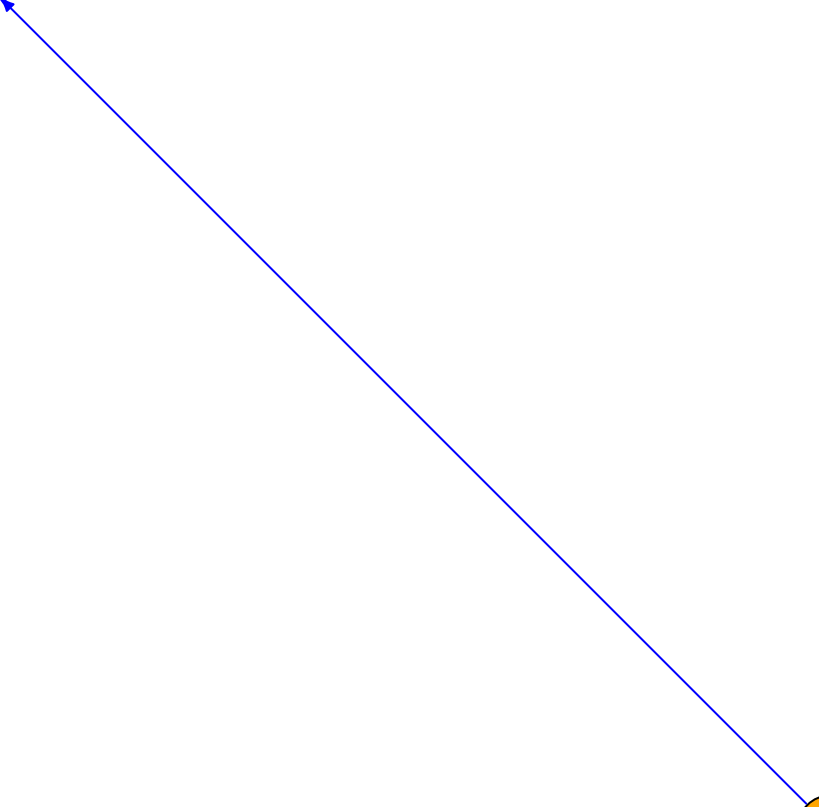
# Variant–Disease Network (Severe combined immunodeficiency)



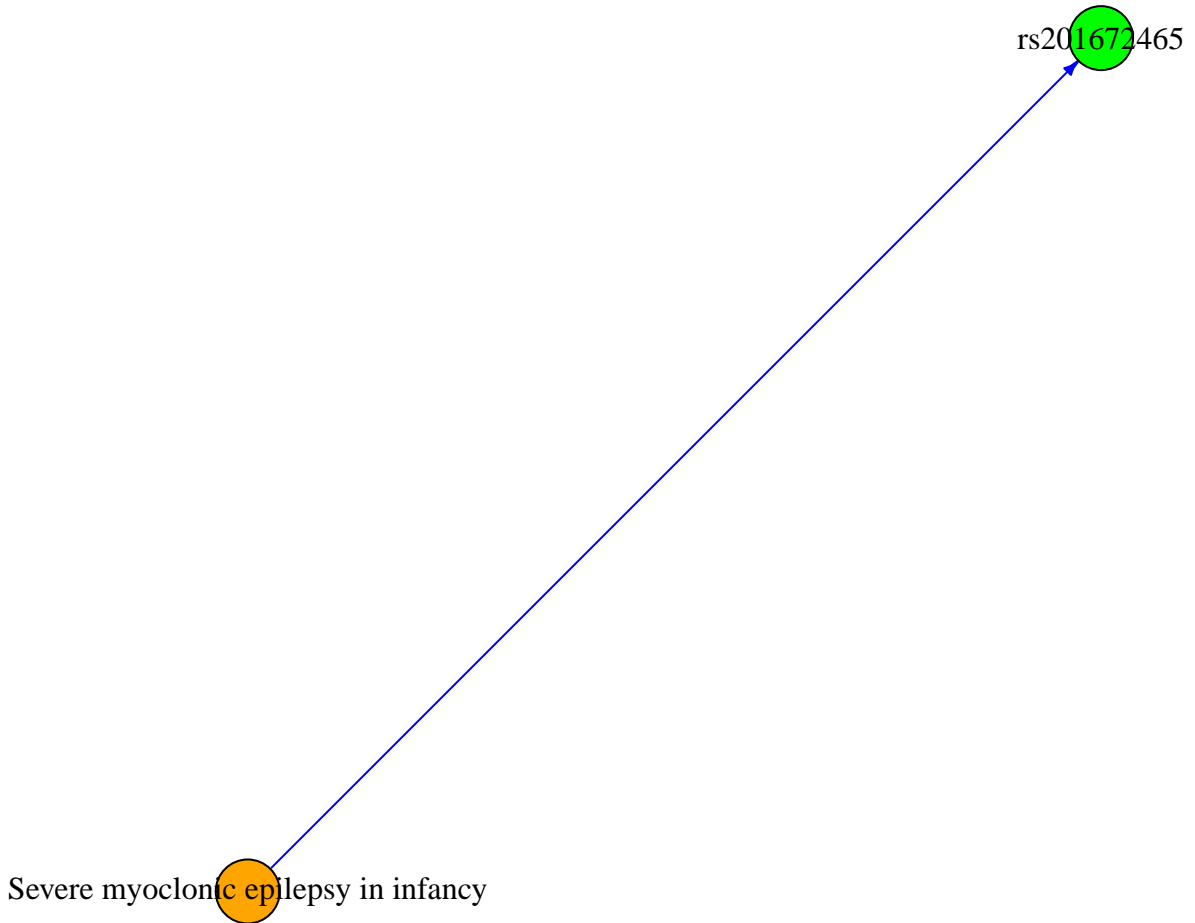
# Variant-Disease Network (Severe combined immunodeficiency due to ADA deficiency)

rs762695968

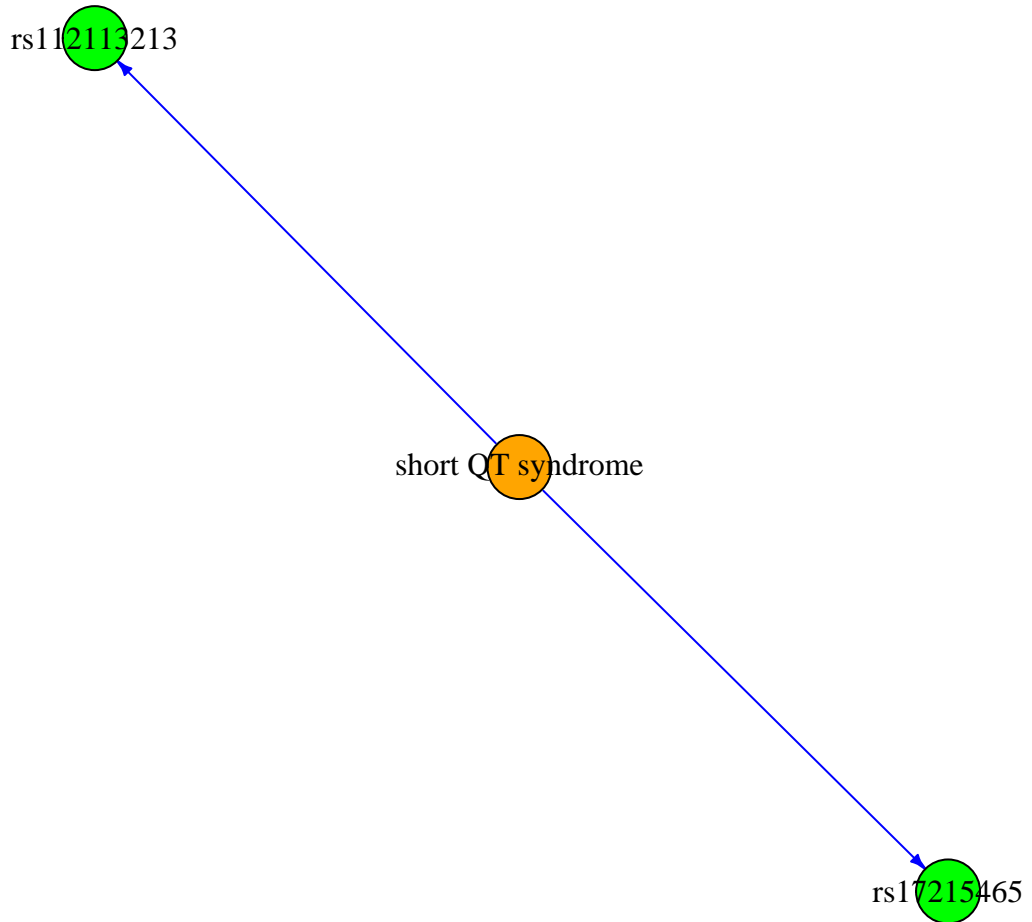
Severe combined immunodeficiency due to ADA deficiency



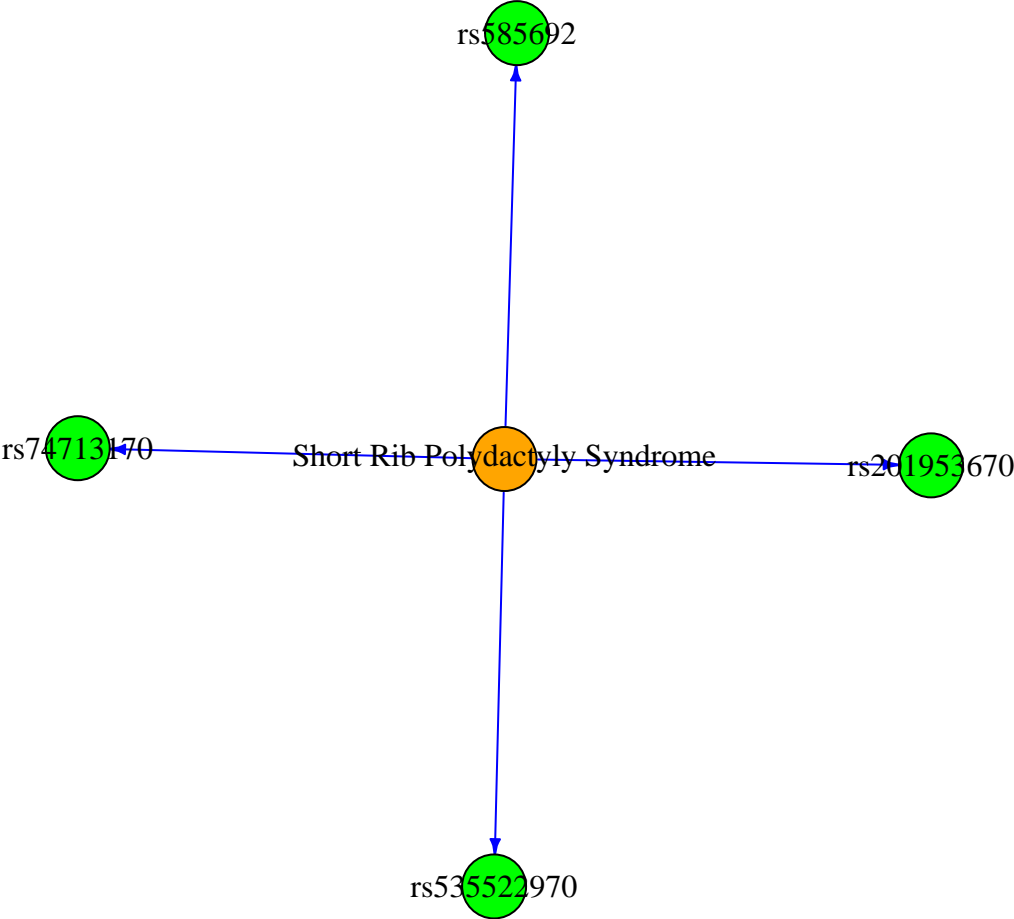
# Variant–Disease Network (Severe myoclonic epilepsy in infancy)



## Variant–Disease Network (short QT syndrome)

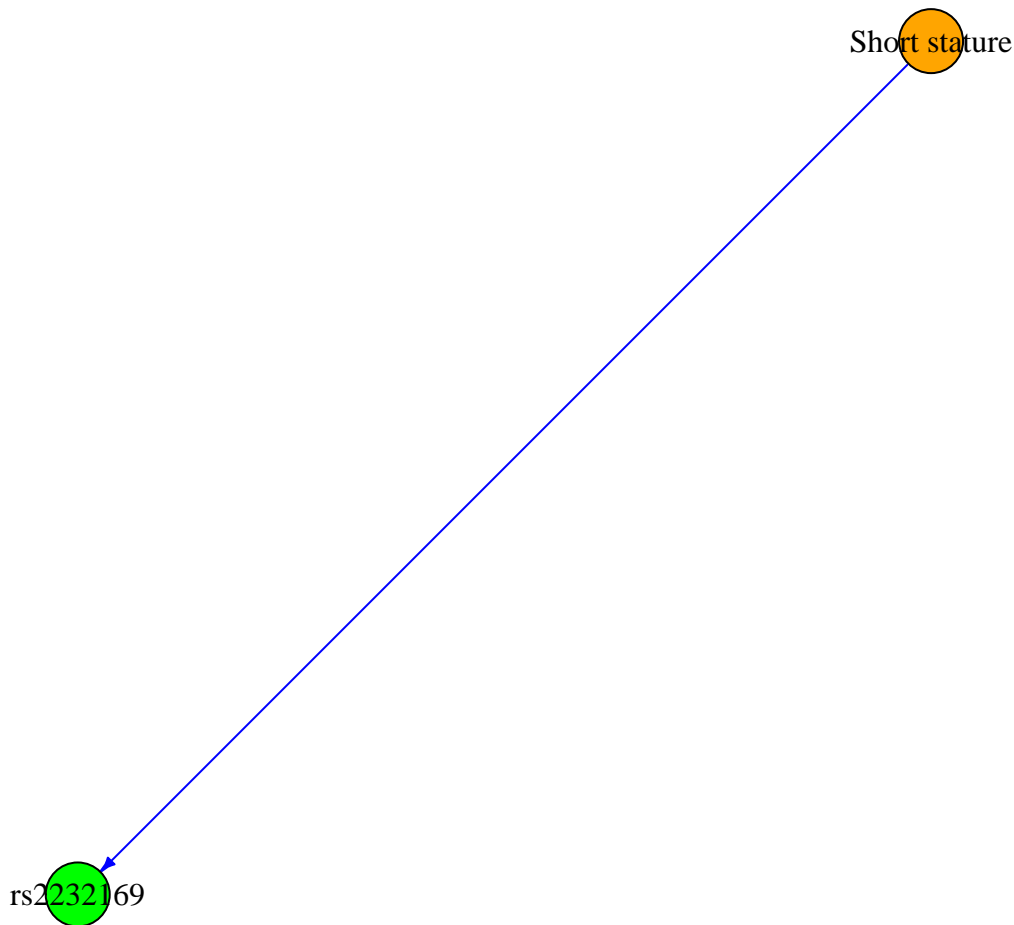


Variant–Disease Network (Short Rib Polydactyly Syndrome)





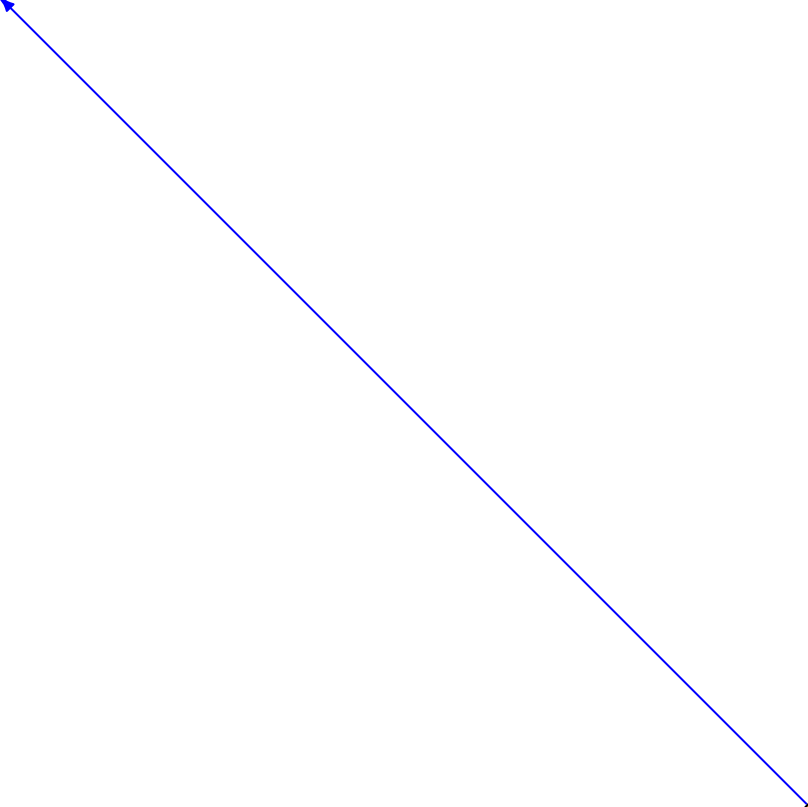
## Variant–Disease Network (Short stature)



# Variant-Disease Network (Short-rib thoracic dysplasia 13 with or without polydactyly)

rs143893793

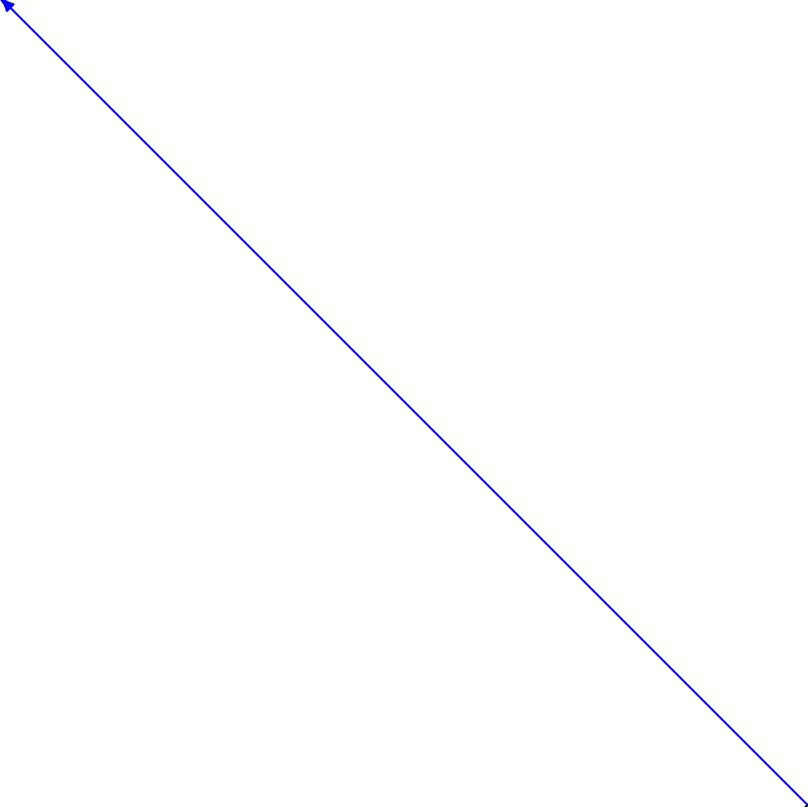
Short-rib thoracic dysplasia 13 with or without polydactyly



# Variant-Disease Network (Short-rib thoracic dysplasia 8 with or without polydactyly)

rs2709859

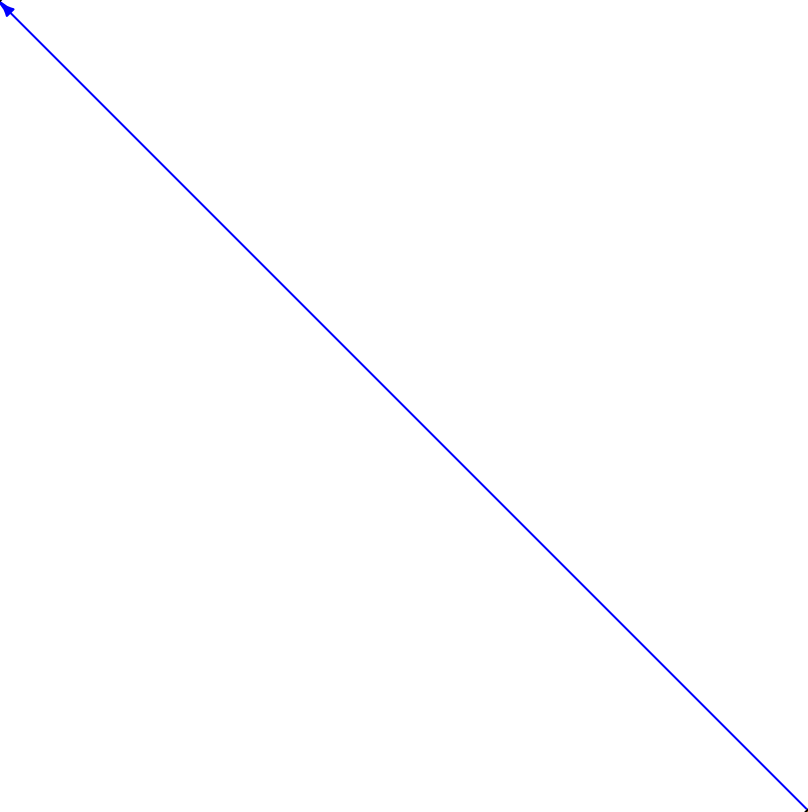
Short-rib thoracic dysplasia 8 with or without polydactyly



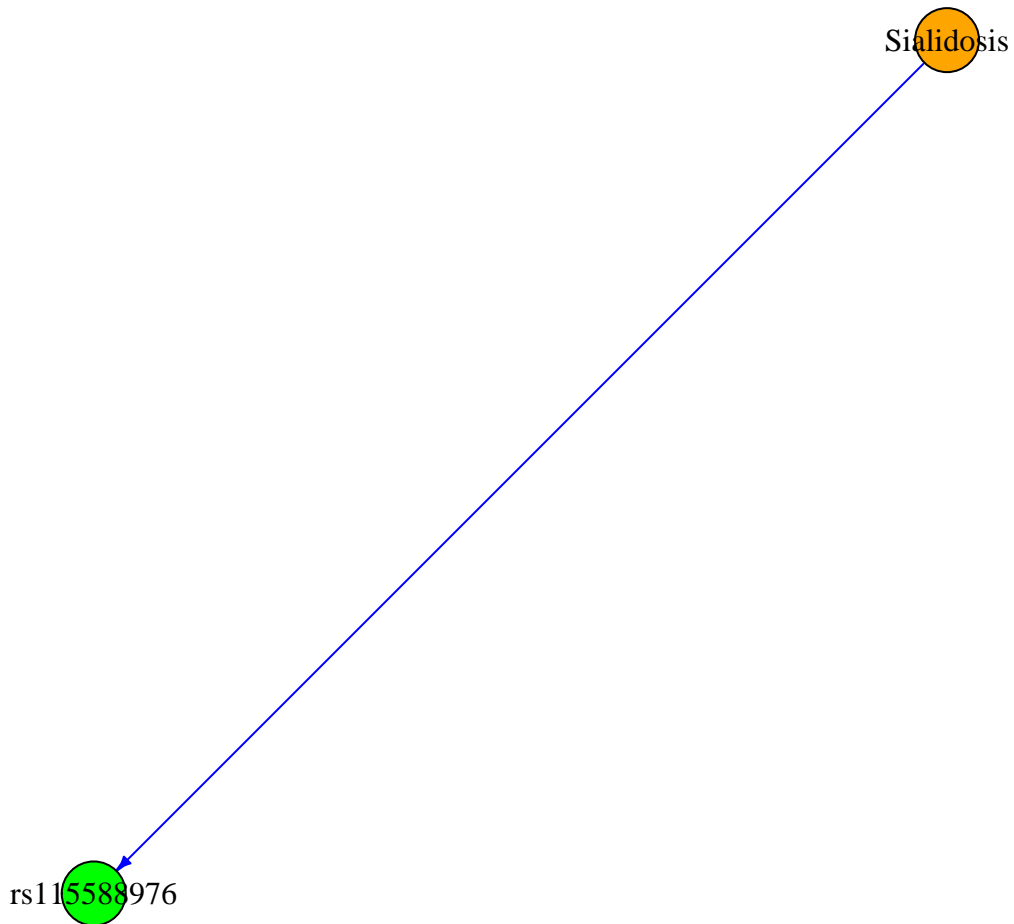
## Variant–Disease Network (Shwachman–Diamond syndrome 1)

rs113993989

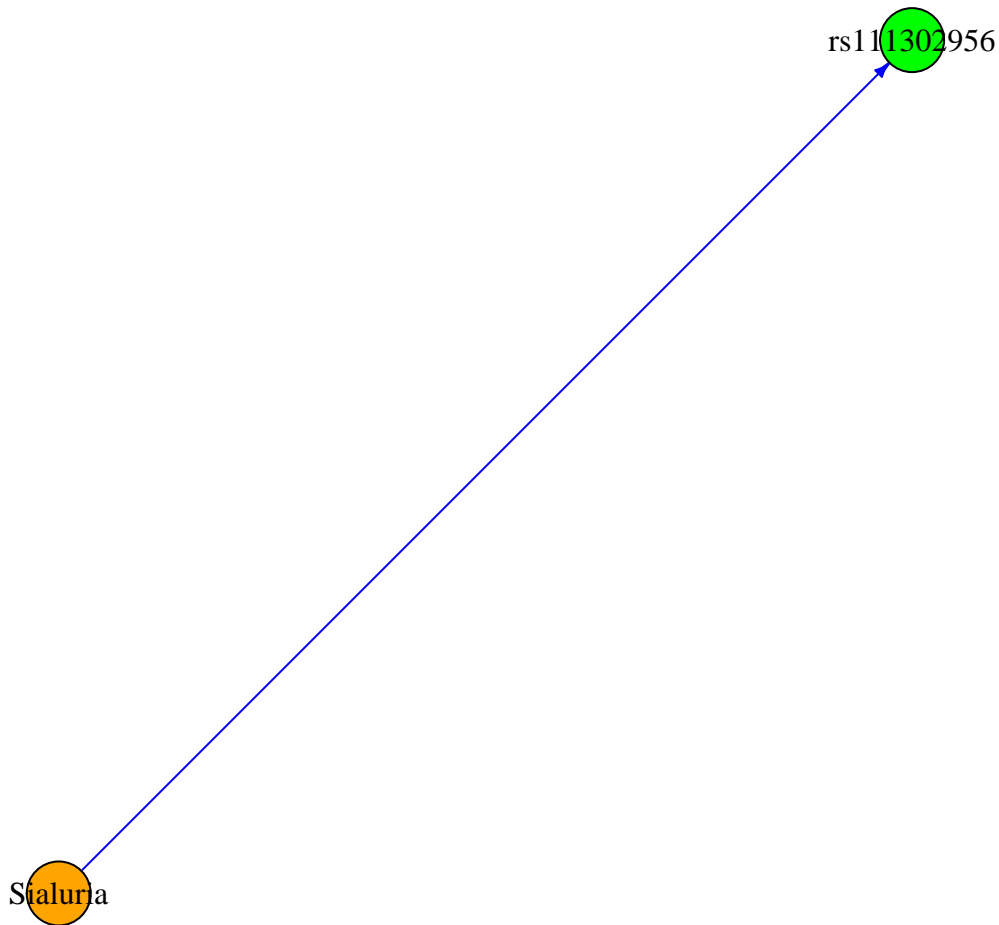
Shwachman–Diamond syndrome



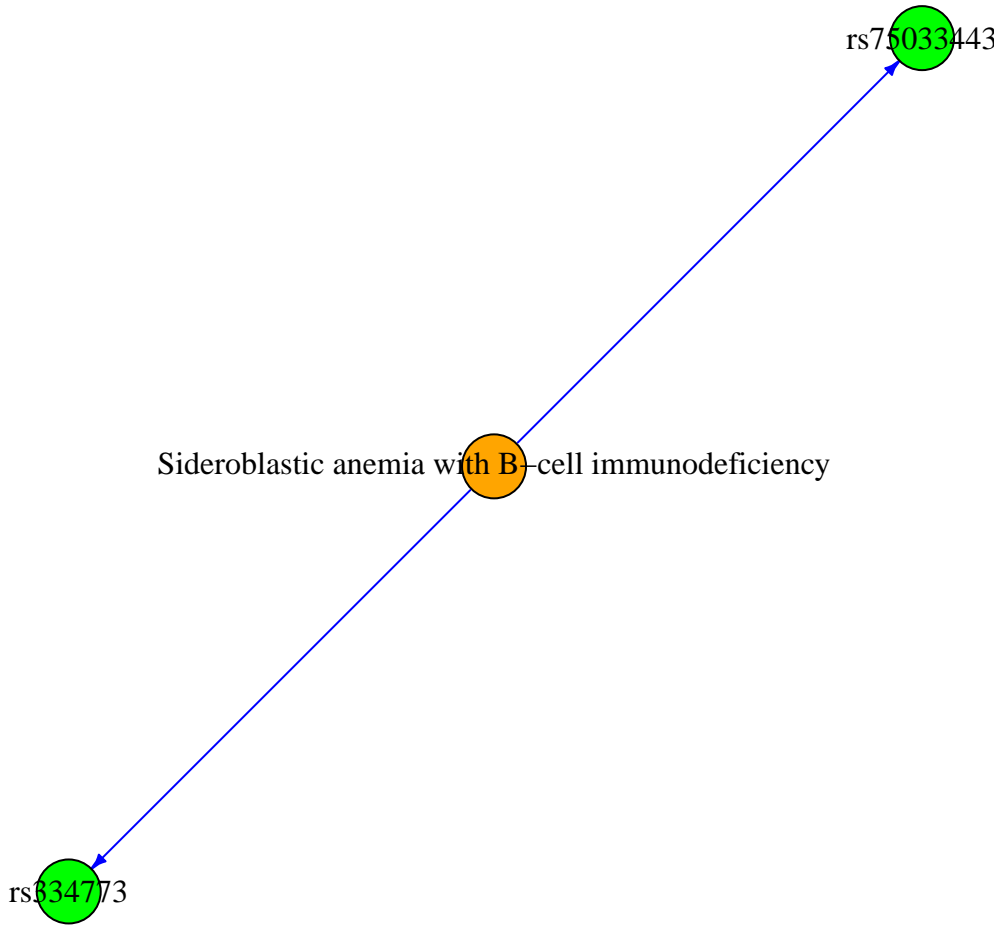
## Variant-Disease Network (Sialidosis)



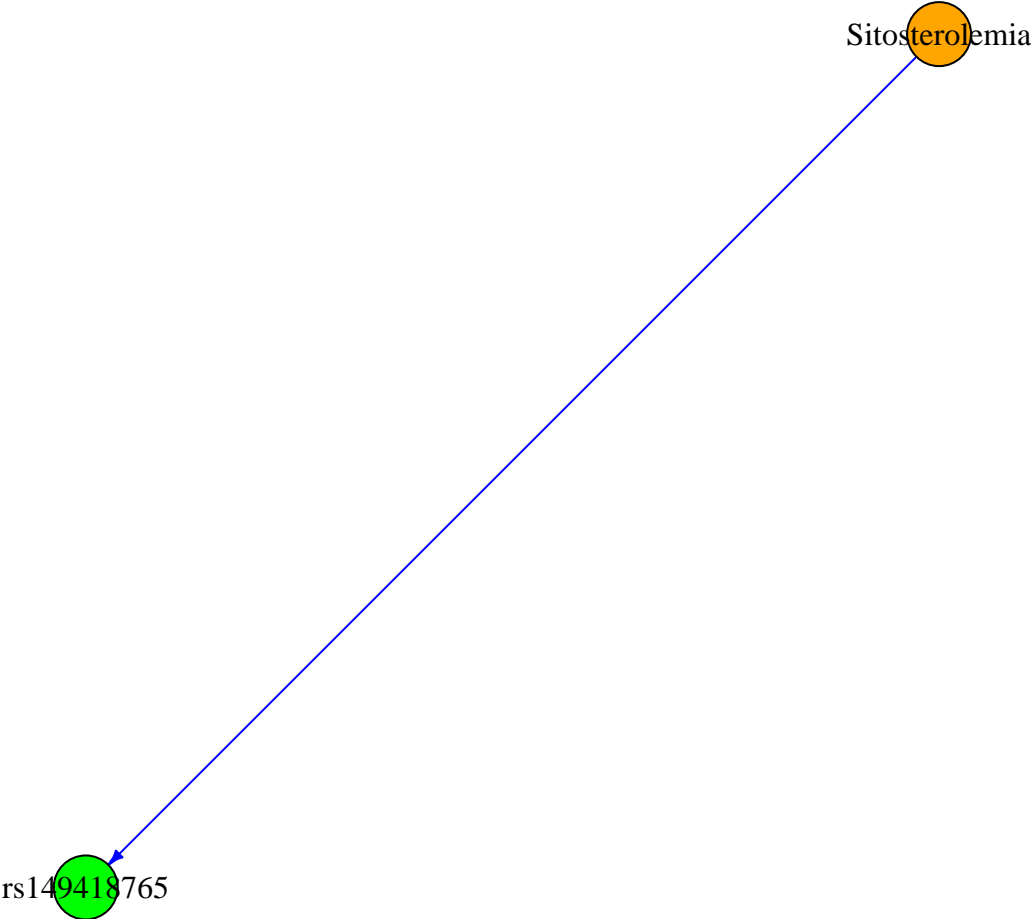
## Variant–Disease Network (Sialuria)



Variant–Disease Network (Sideroblastic anemia with B–cell immunodeficiency)

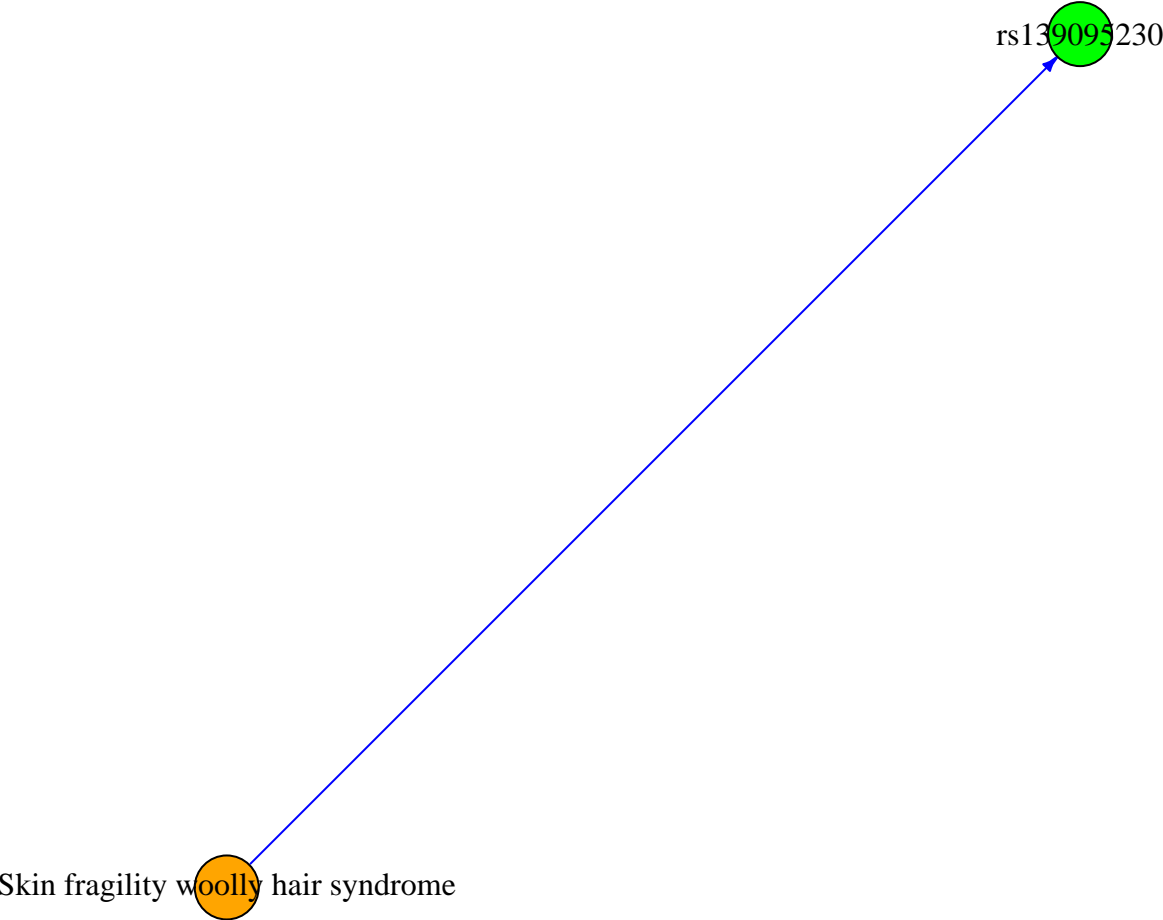


Variant–Disease Network (Sitosterolemia)

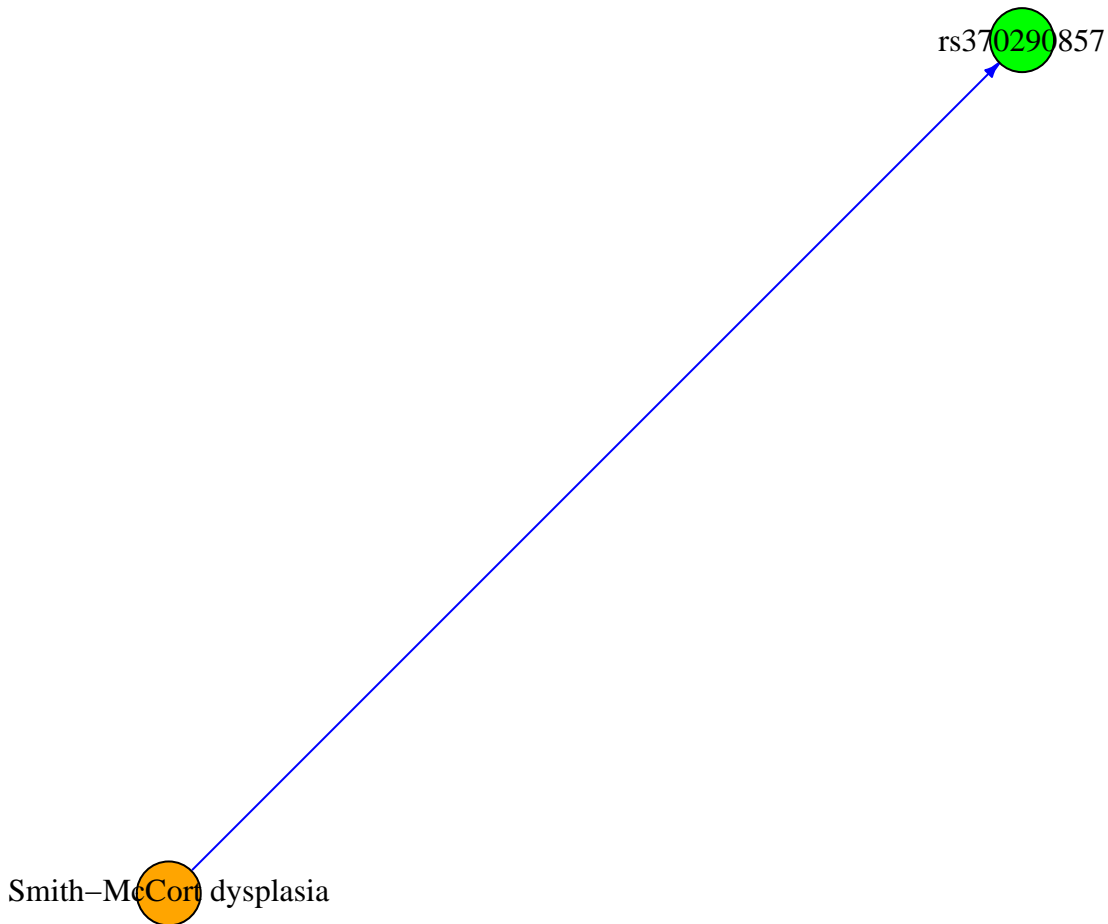




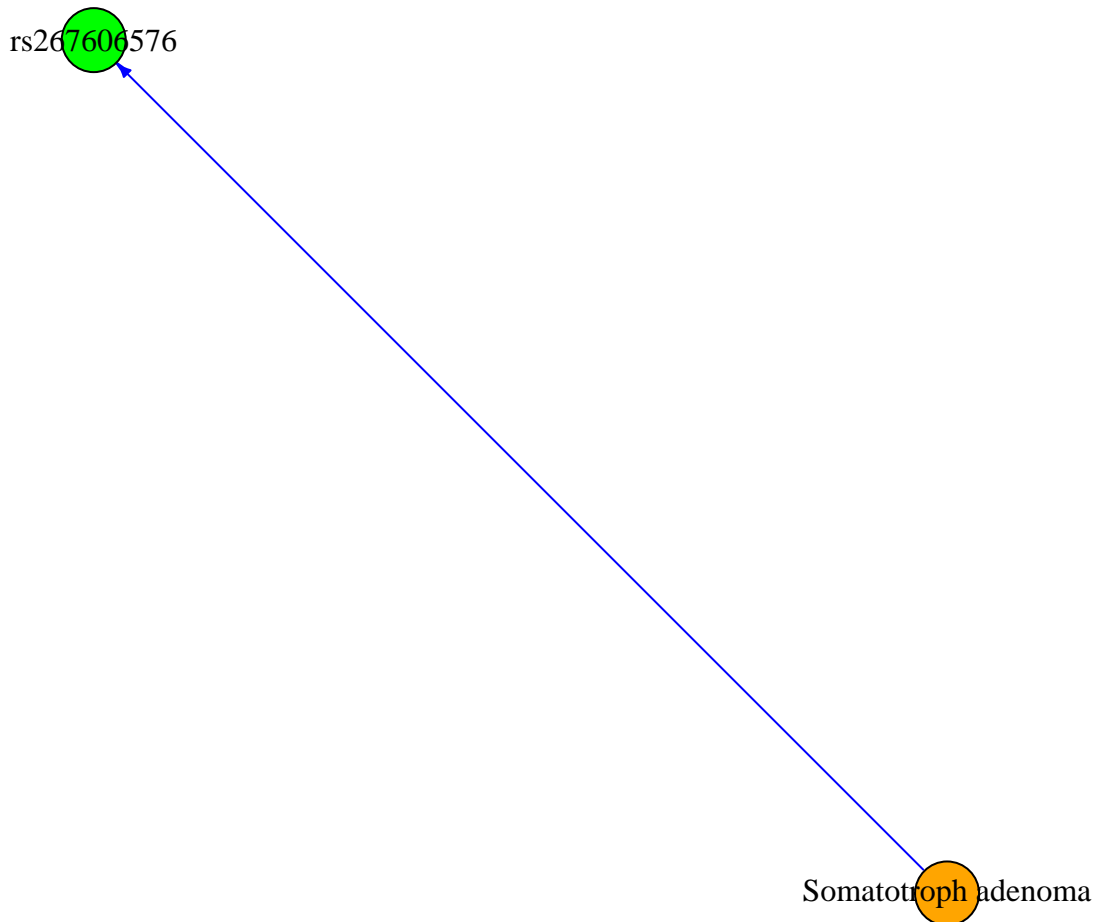
Variant–Disease Network (Skin fragility woolly hair syndrome)



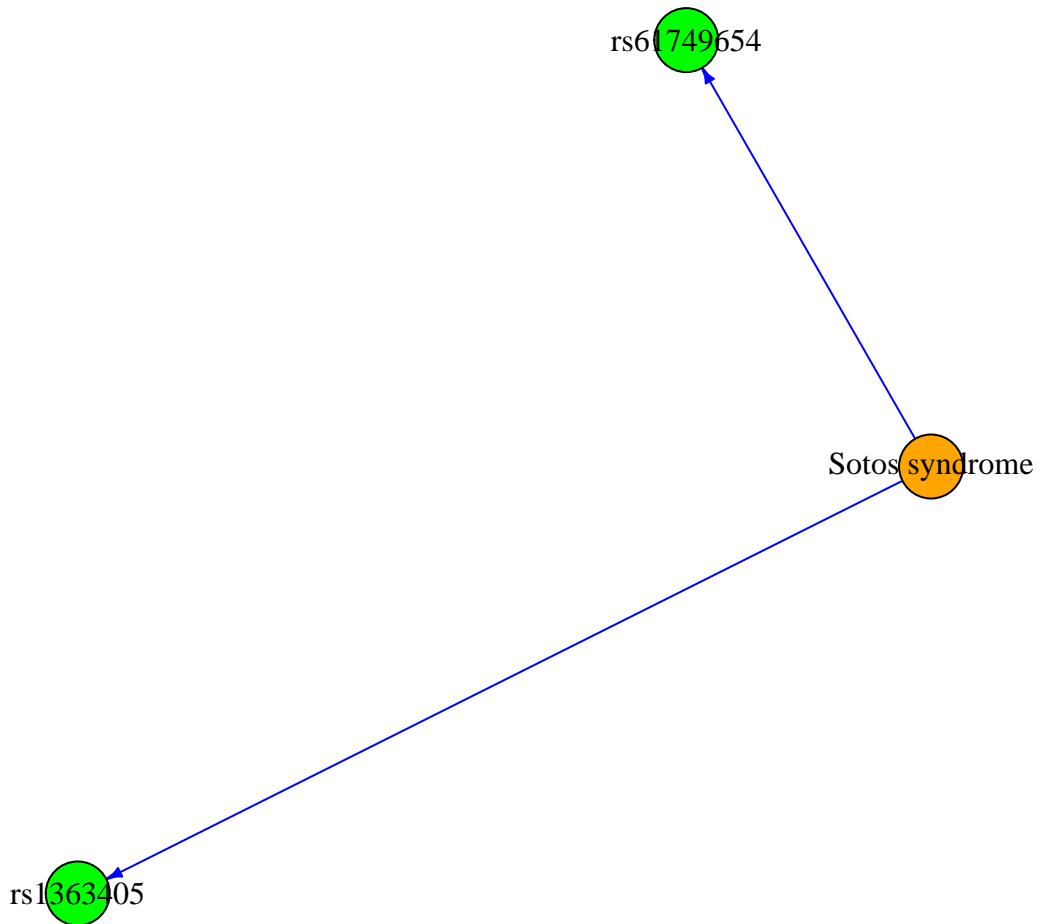
## Variant–Disease Network (Smith–McCort dysplasia)



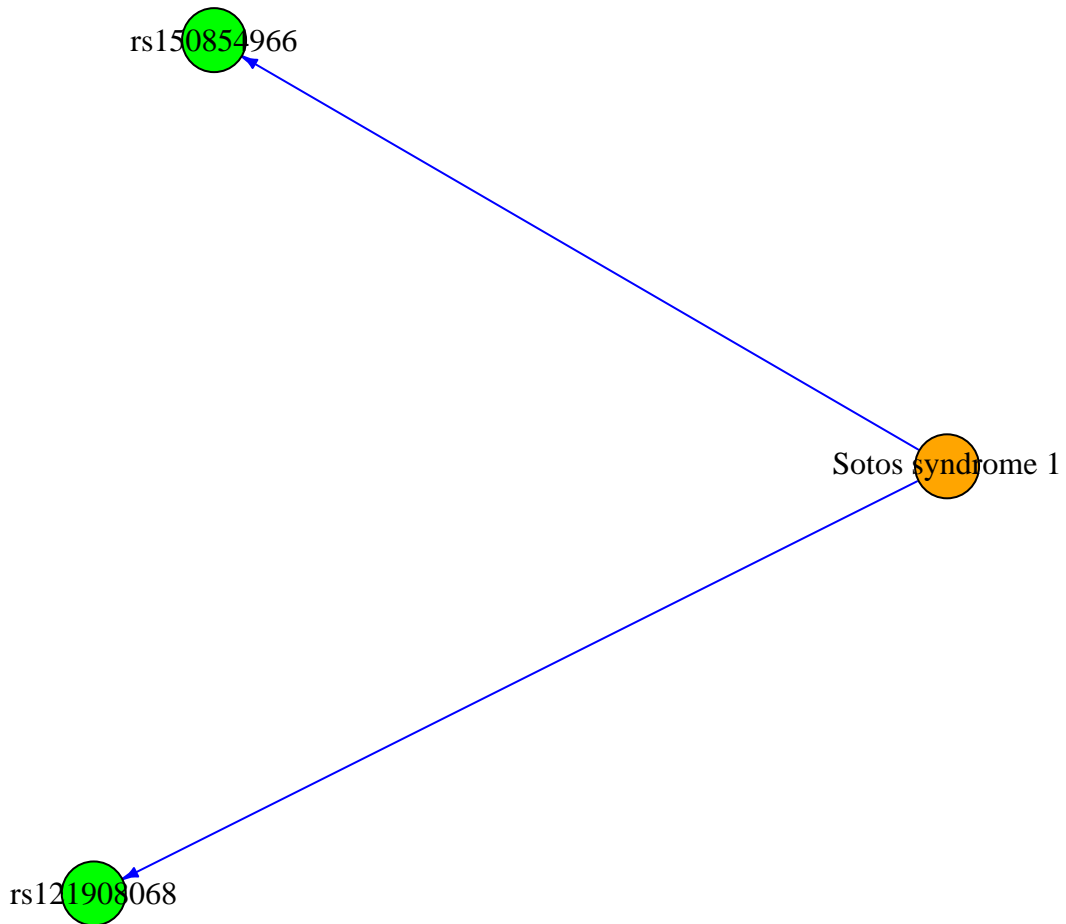
## Variant-Disease Network (Somatotroph adenoma)



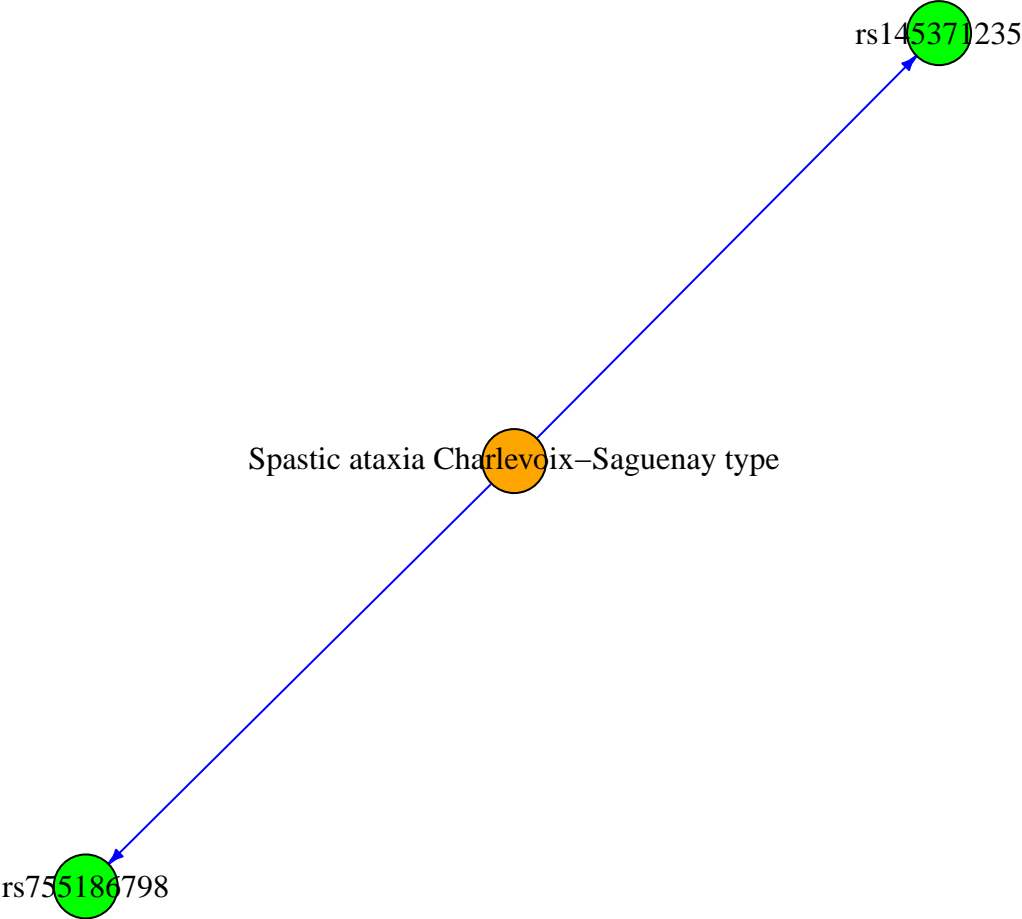
## Variant–Disease Network (Sotos syndrome)



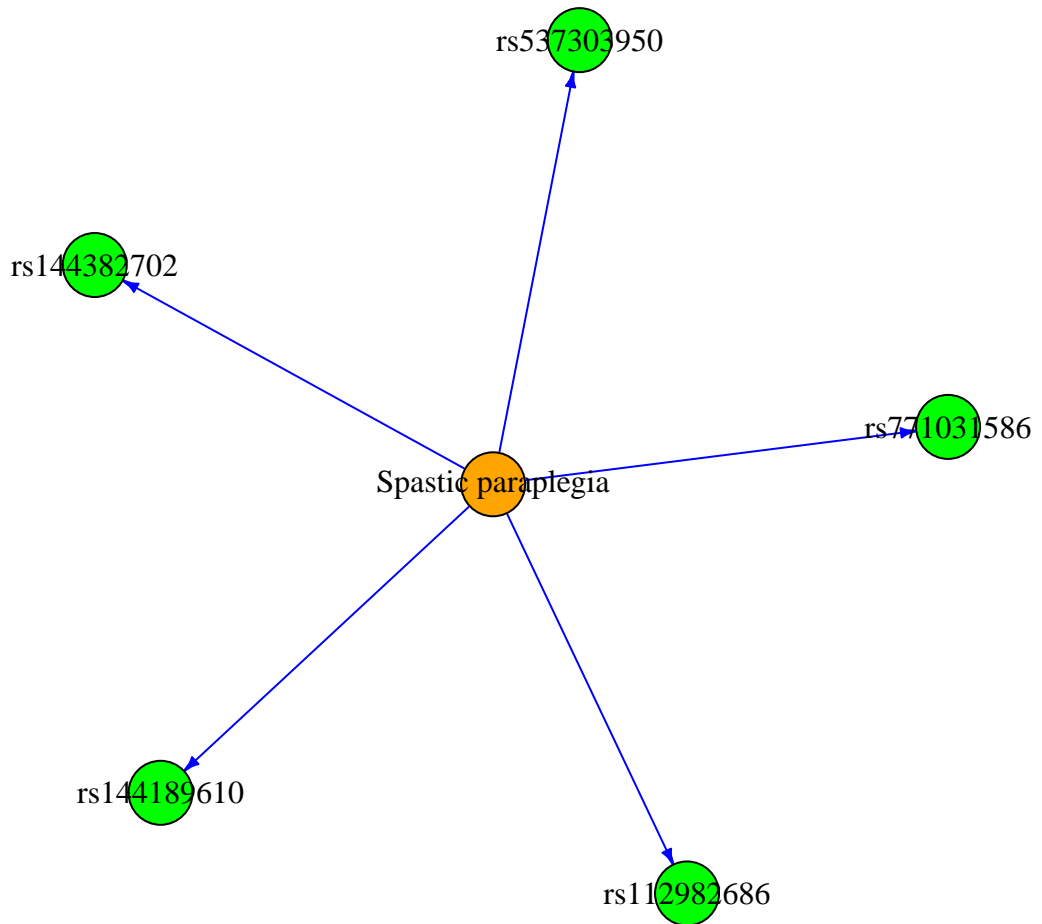
## Variant–Disease Network (Sotos syndrome 1)



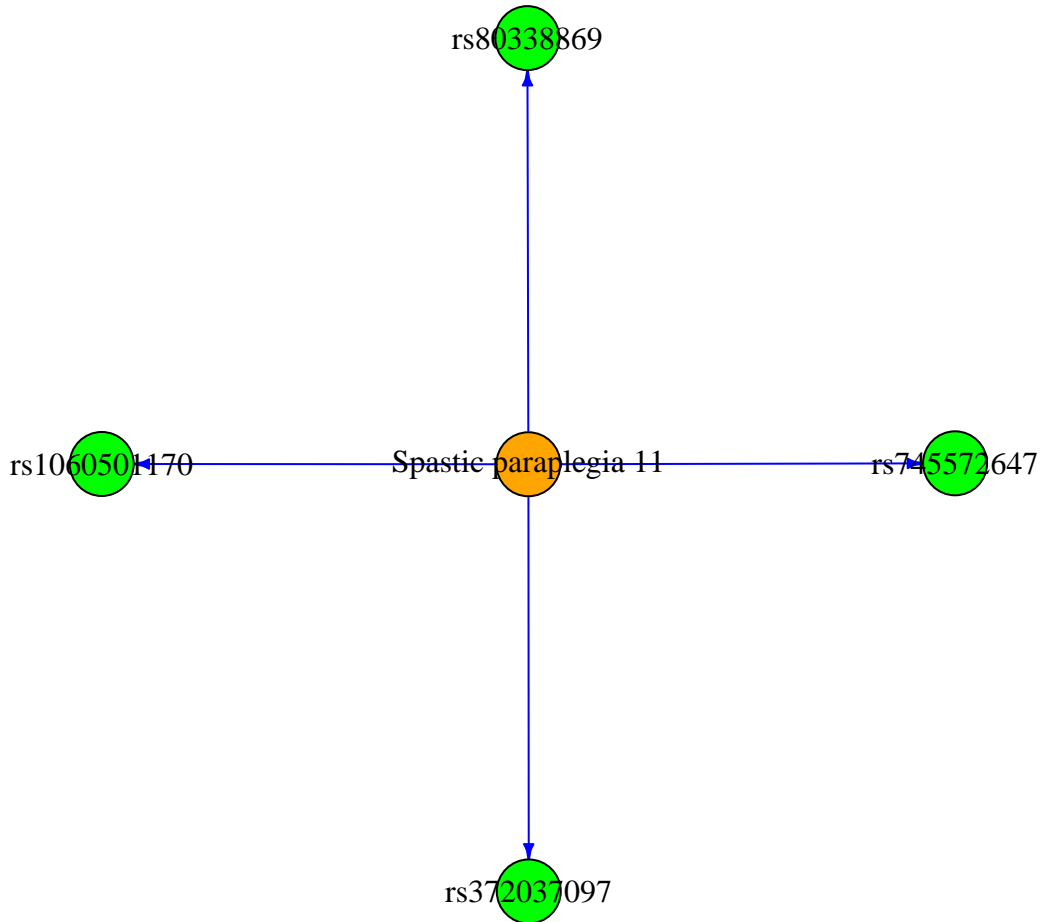
**Variant–Disease Network (Spastic ataxia Charlevoix–Saguenay type)**



## Variant–Disease Network (Spastic paraplegia)

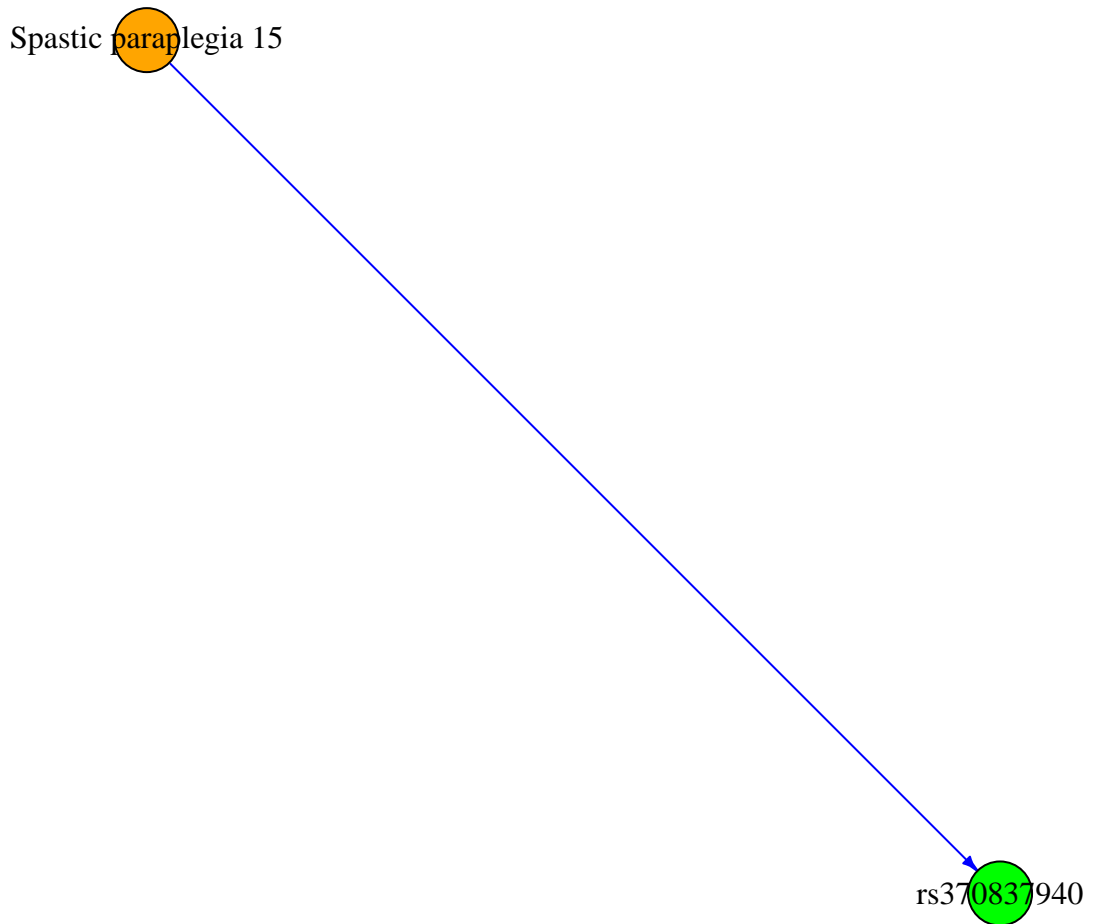


## Variant–Disease Network (Spastic paraplegia 11)

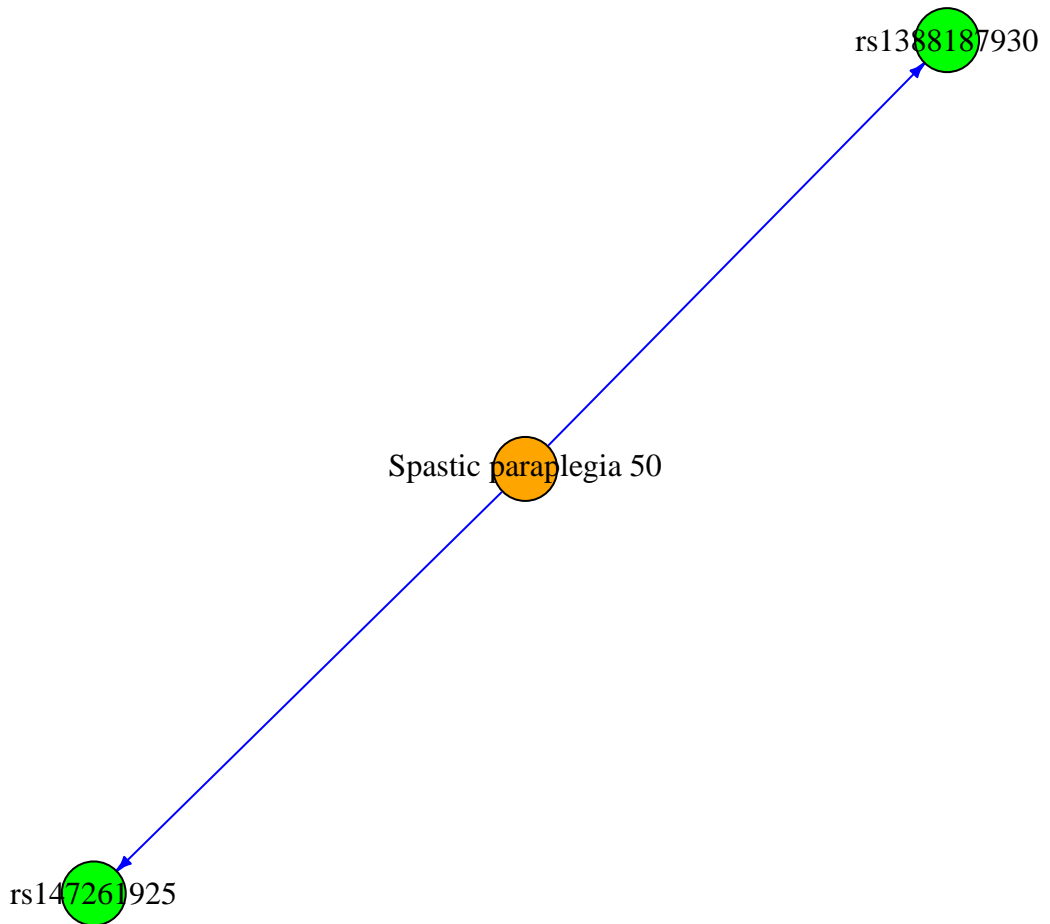




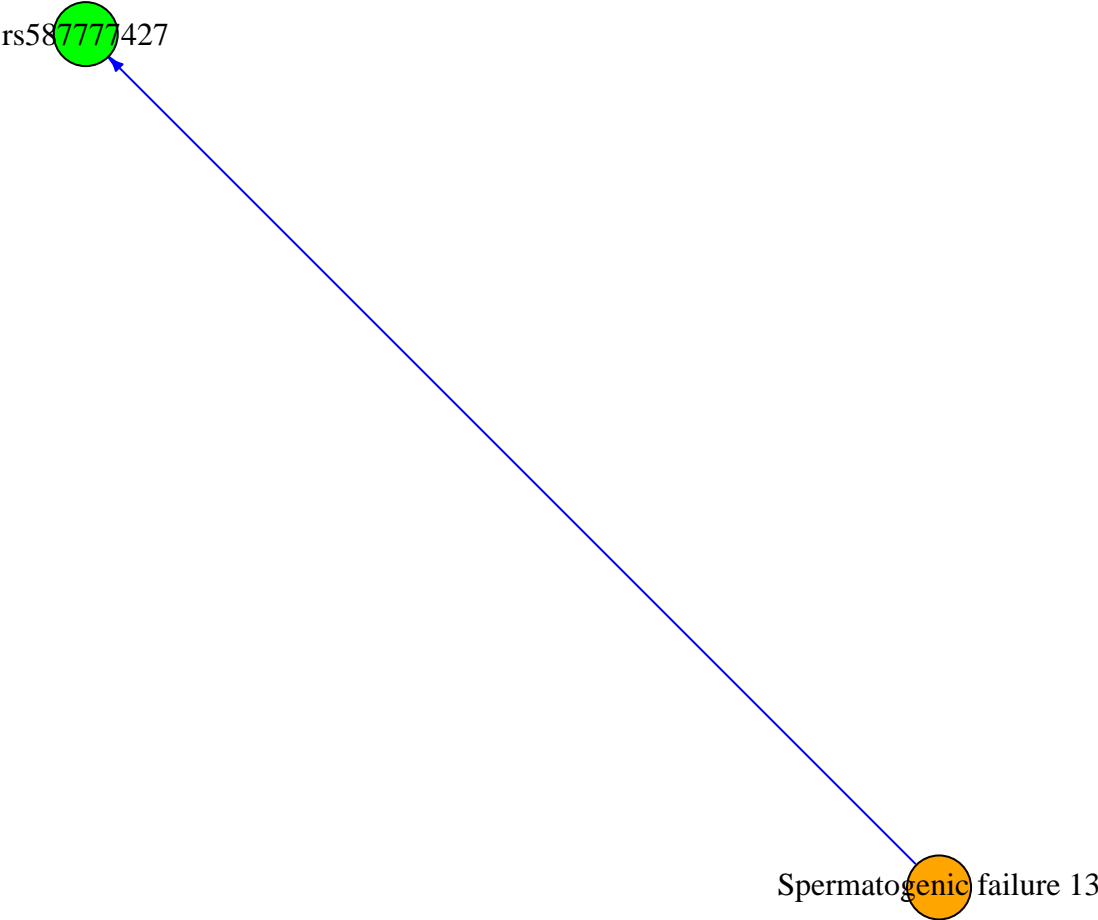
## Variant–Disease Network (Spastic paraplegia 15)



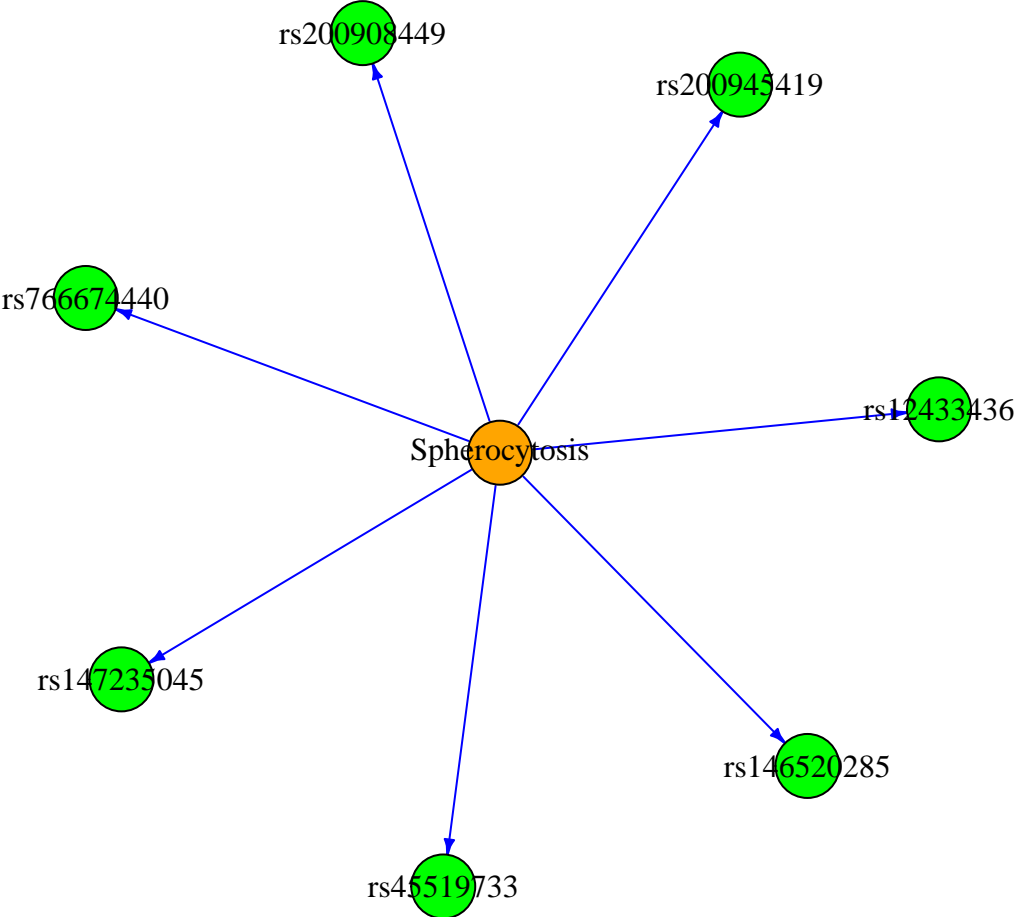
## Variant–Disease Network (Spastic paraplegia 50)



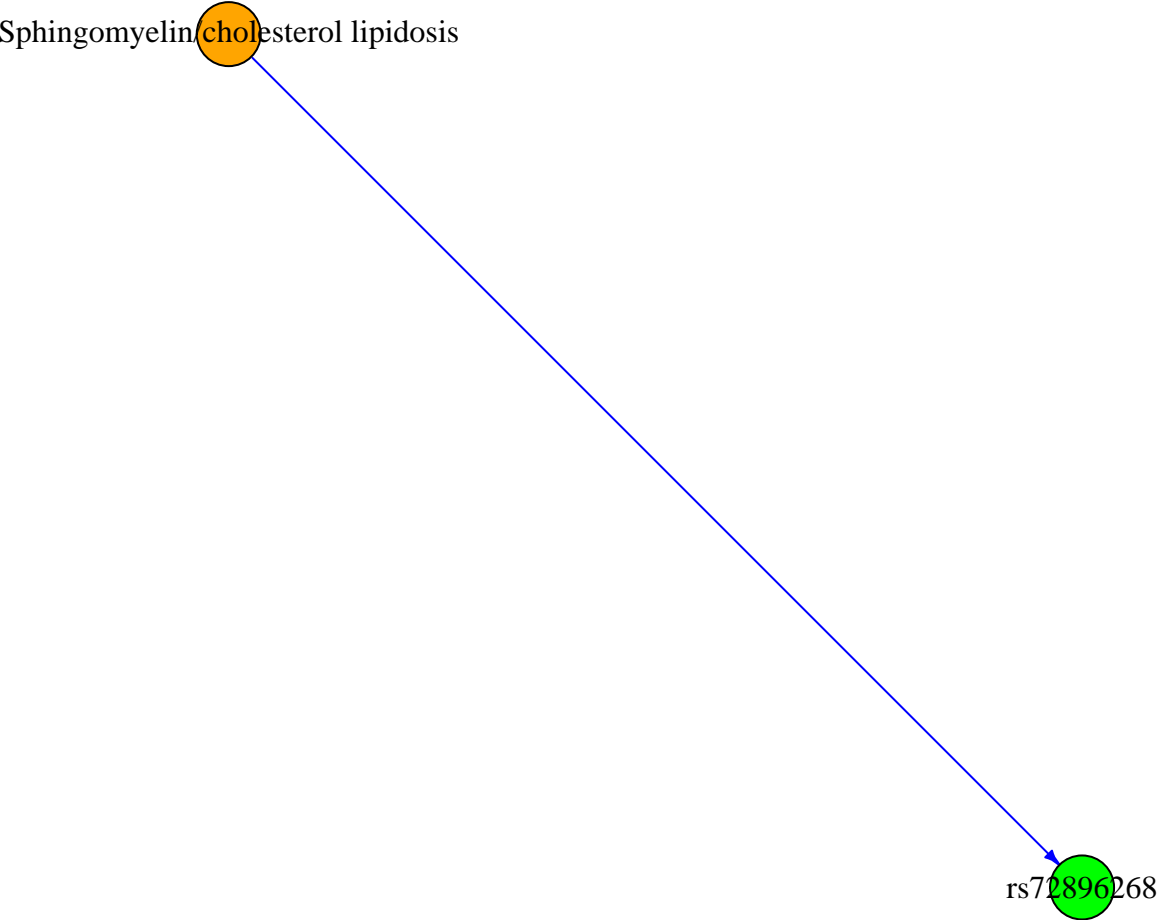
**Variant–Disease Network (Spermatogenic failure 13)**



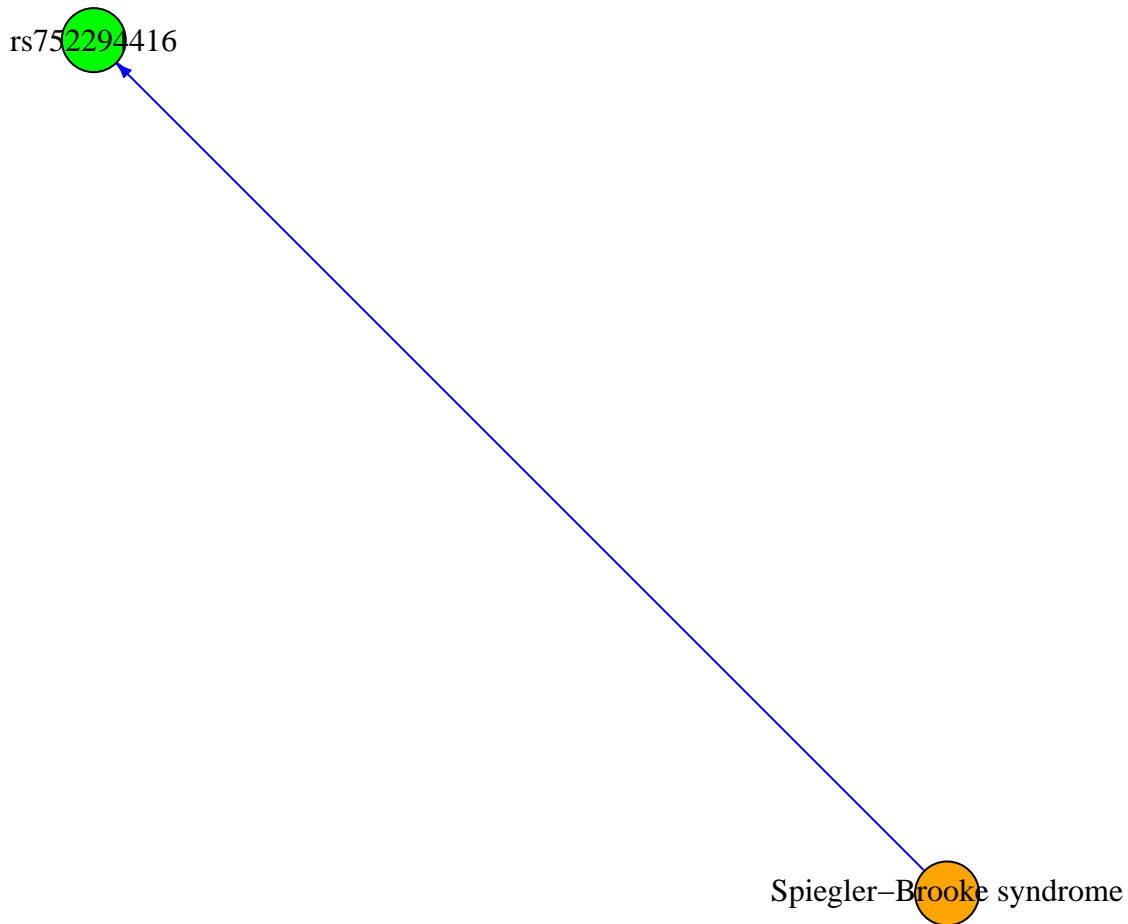
**Variant–Disease Network (Spherocytosis)**



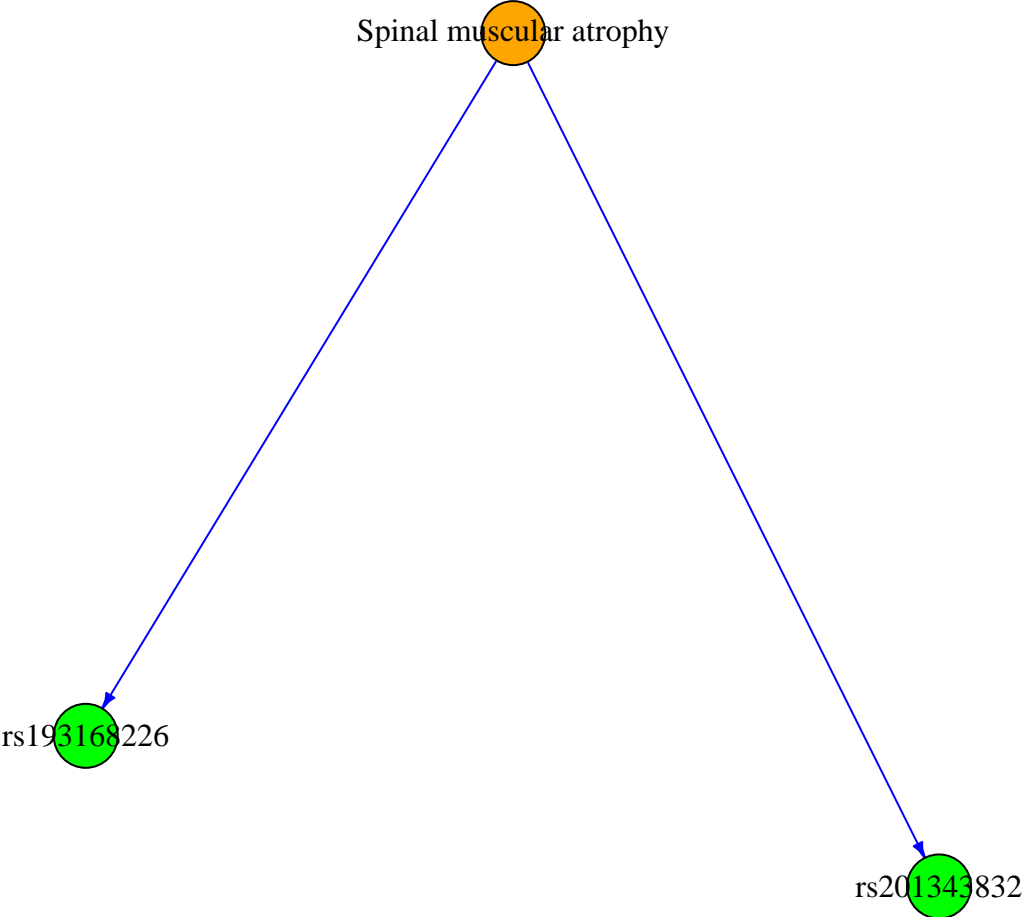
Variant–Disease Network (Sphingomyelin/cholesterol lipidosis)



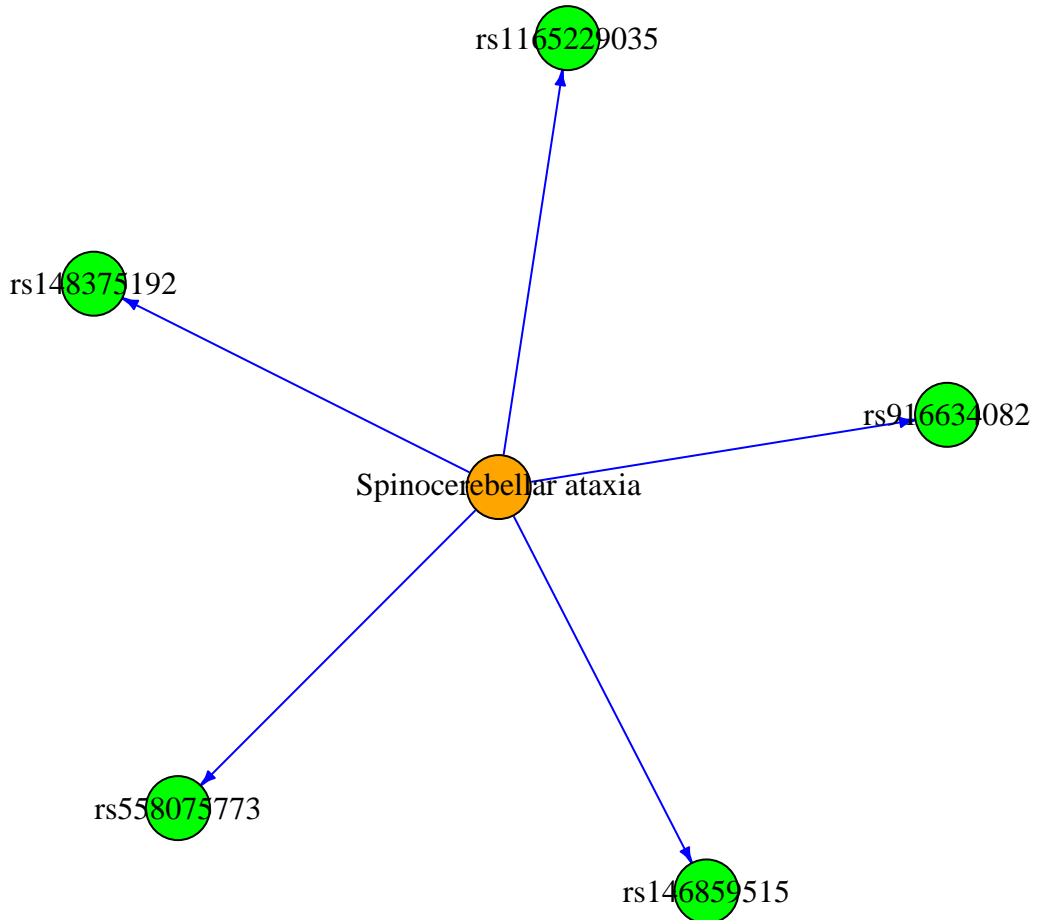
## Variant–Disease Network (Spiegler–Brooke syndrome)



**Variant–Disease Network (Spinal muscular atrophy)**

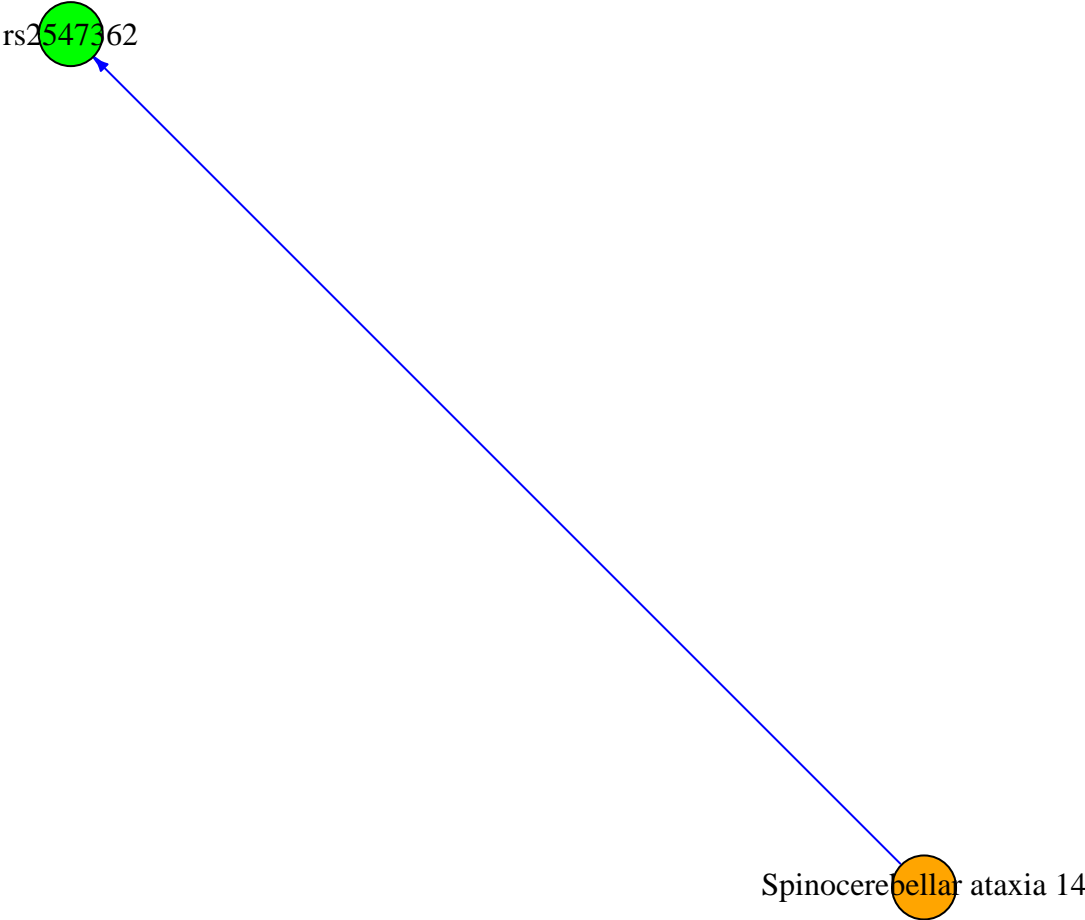


## Variant–Disease Network (Spinocerebellar ataxia)

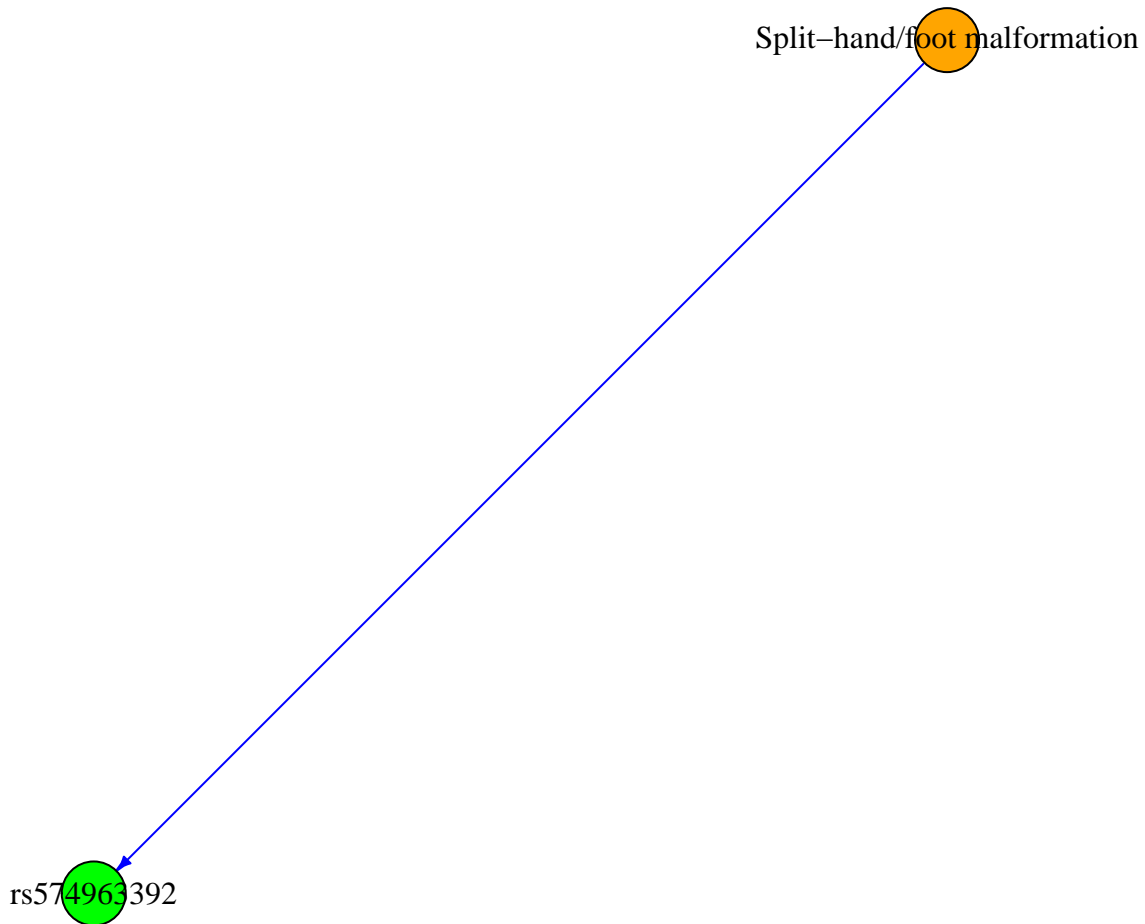




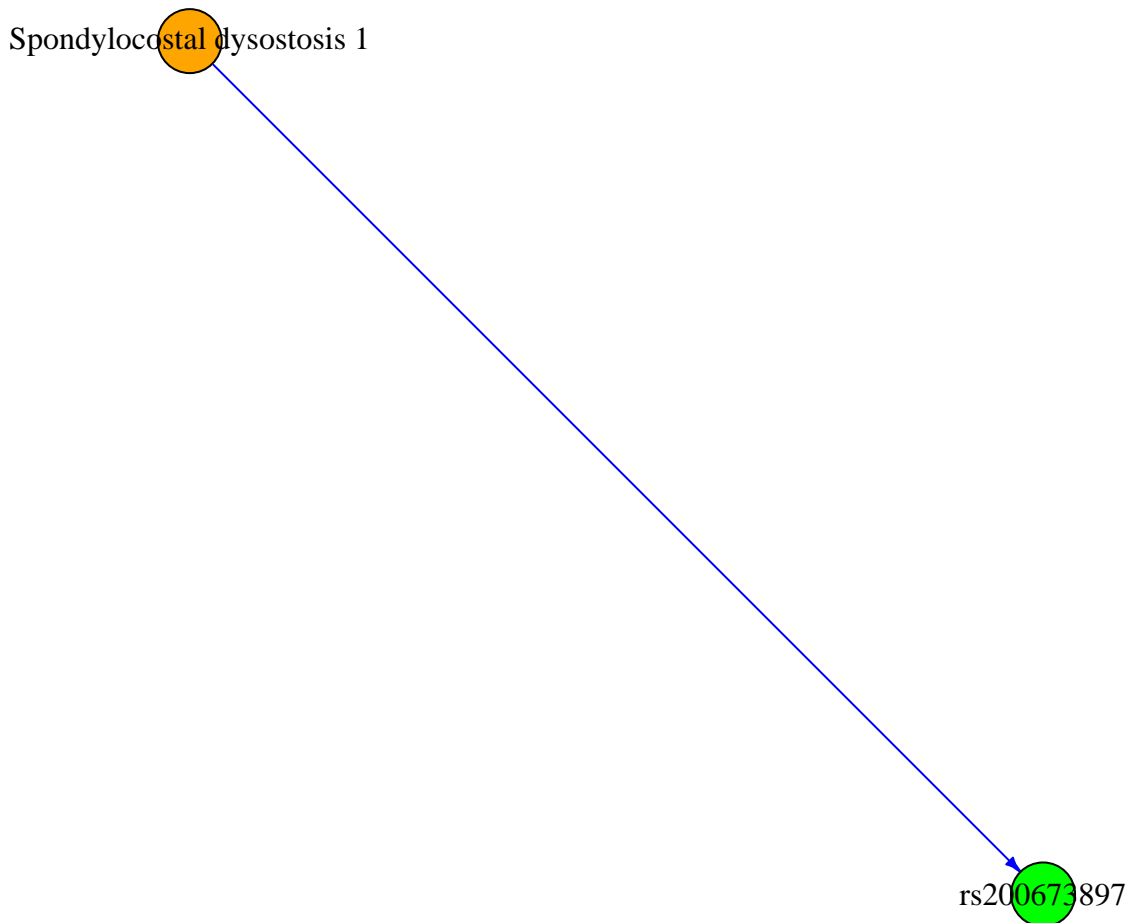
**Variant–Disease Network (Spinocerebellar ataxia 14)**



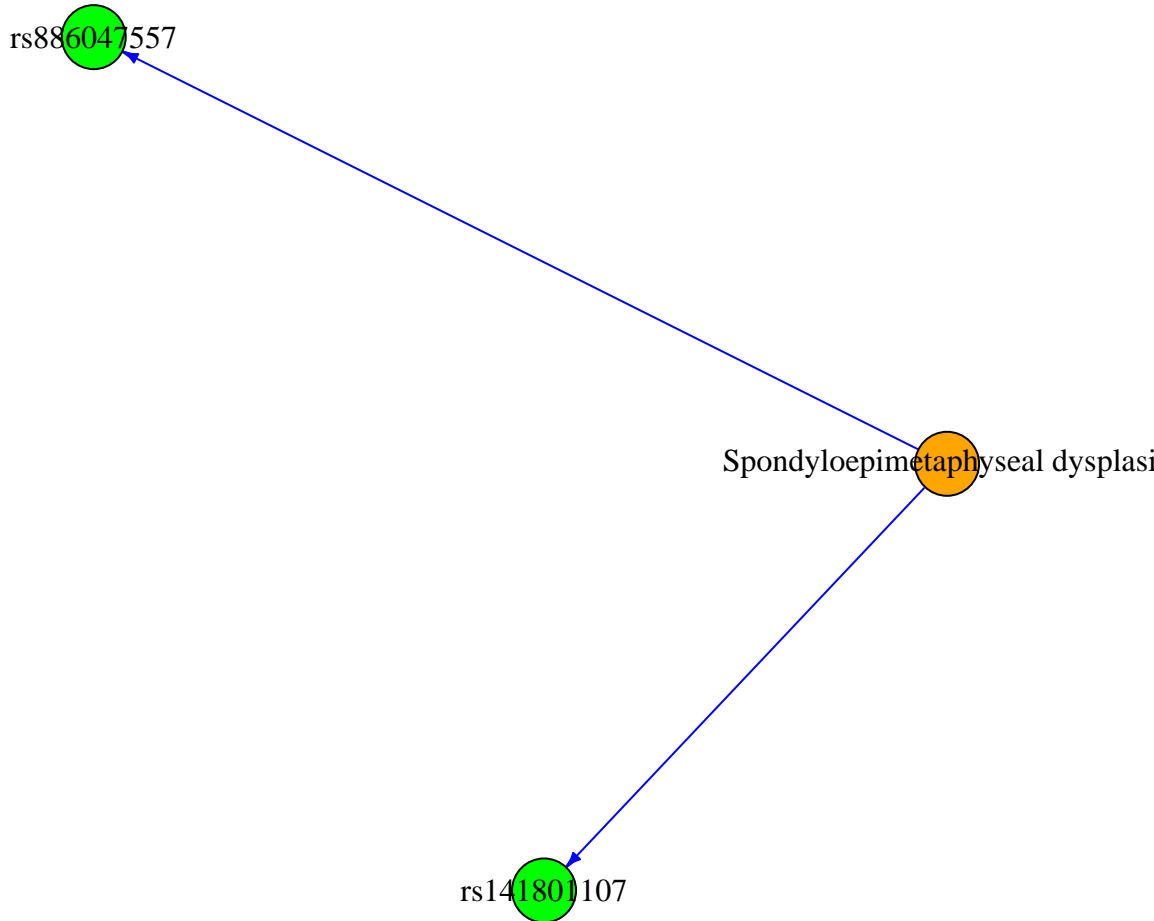
# Variant–Disease Network (Split–hand/foot malformation)



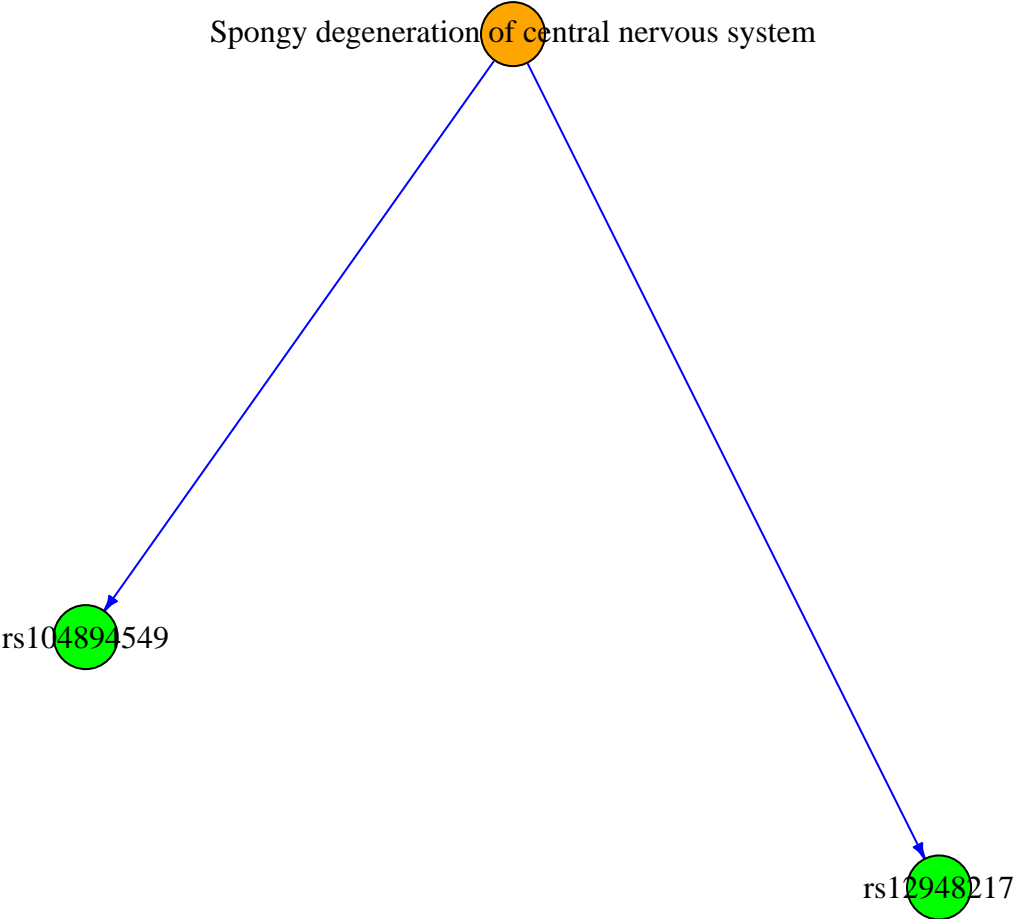
# Variant–Disease Network (Spondylocostal dysostosis 1)



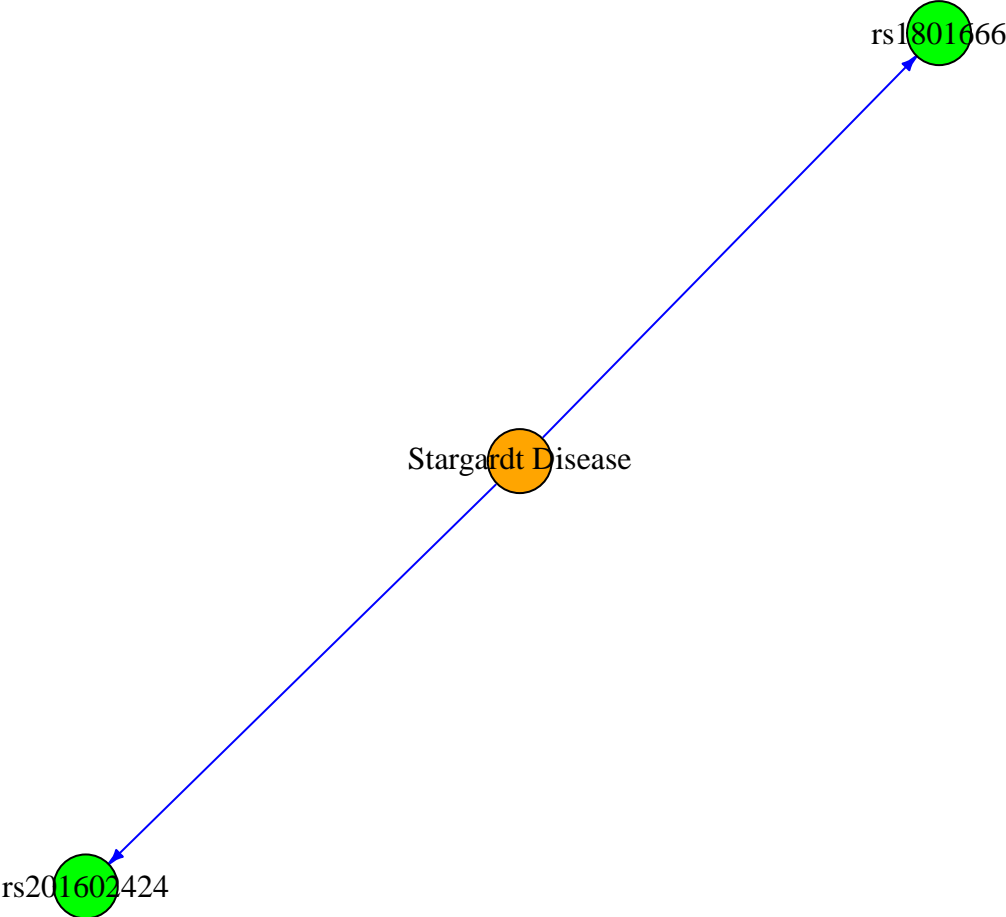
## Variant–Disease Network (Spondyloepimetaphyseal dysplasia)



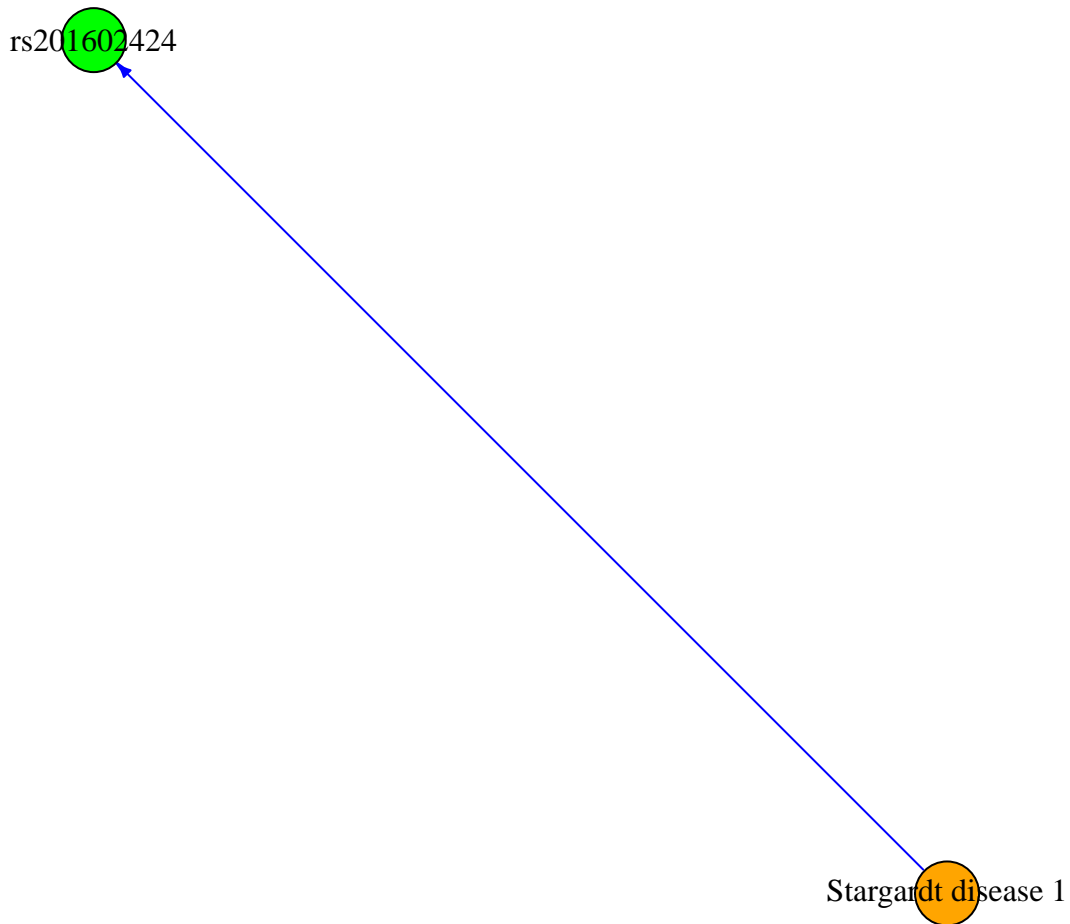
Variant–Disease Network (Spongy degeneration of central nervous system)



Variant–Disease Network (Stargardt Disease)



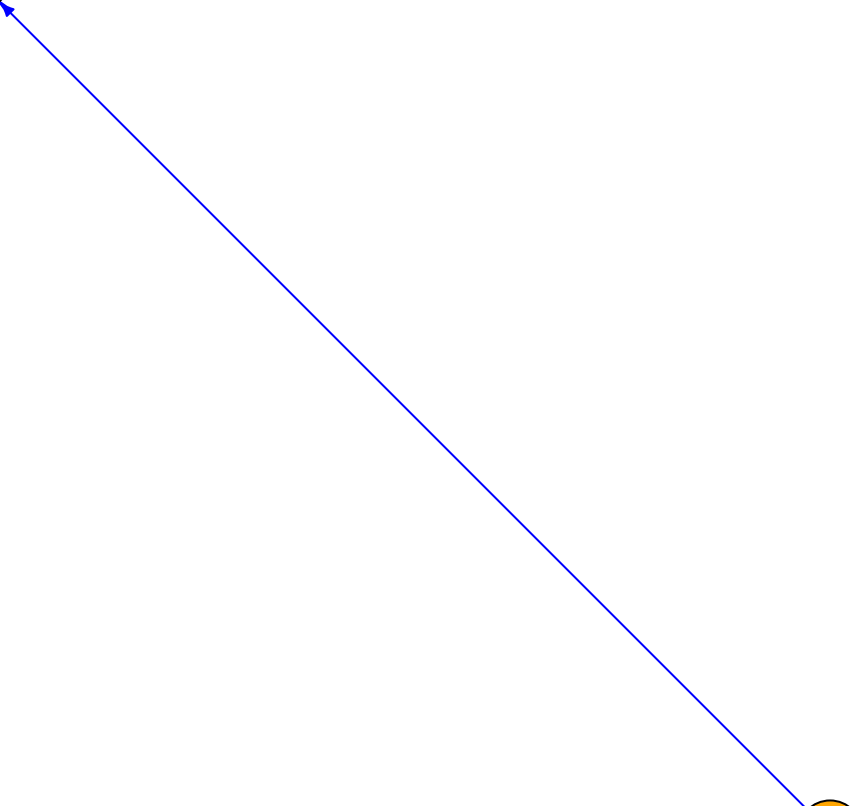
## Variant–Disease Network (Stargardt disease 1)



# Variant–Disease Network (Steroid-resistant nephrotic syndrome)

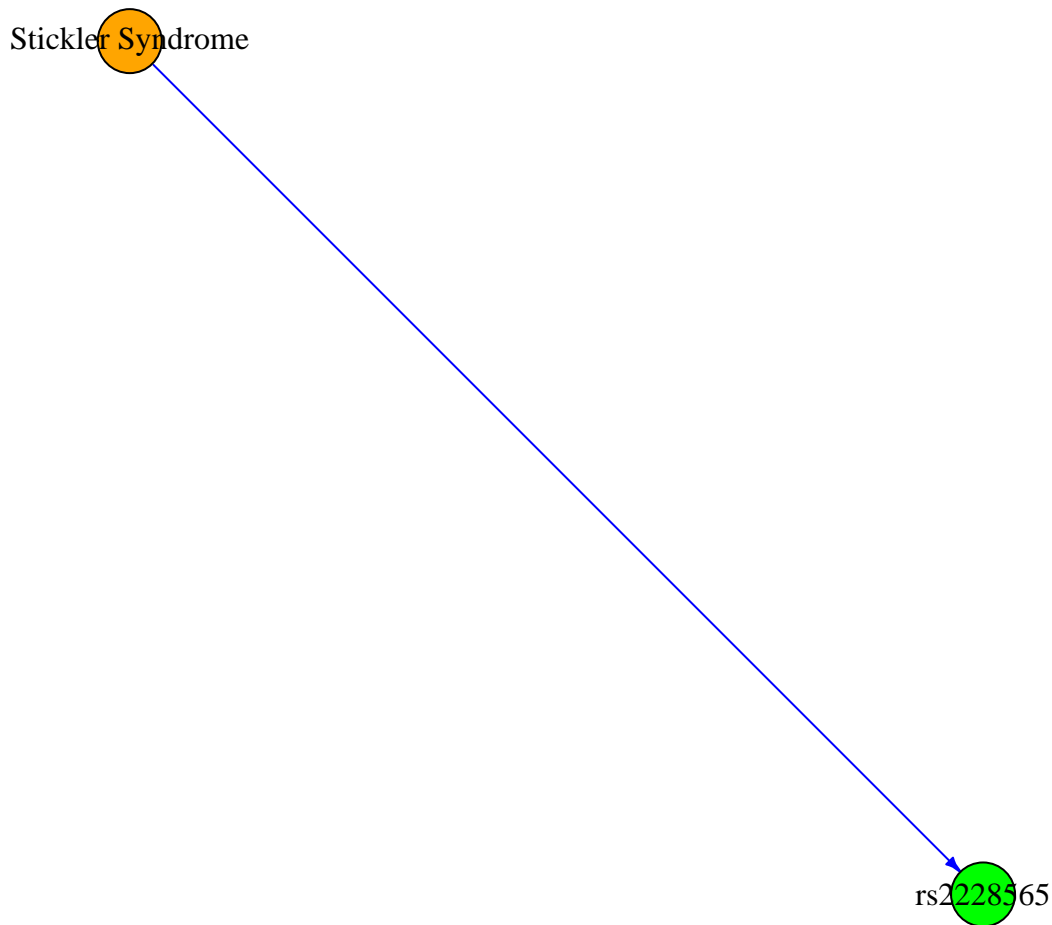
rs1410592

Steroid-resistant nephrotic syndrome

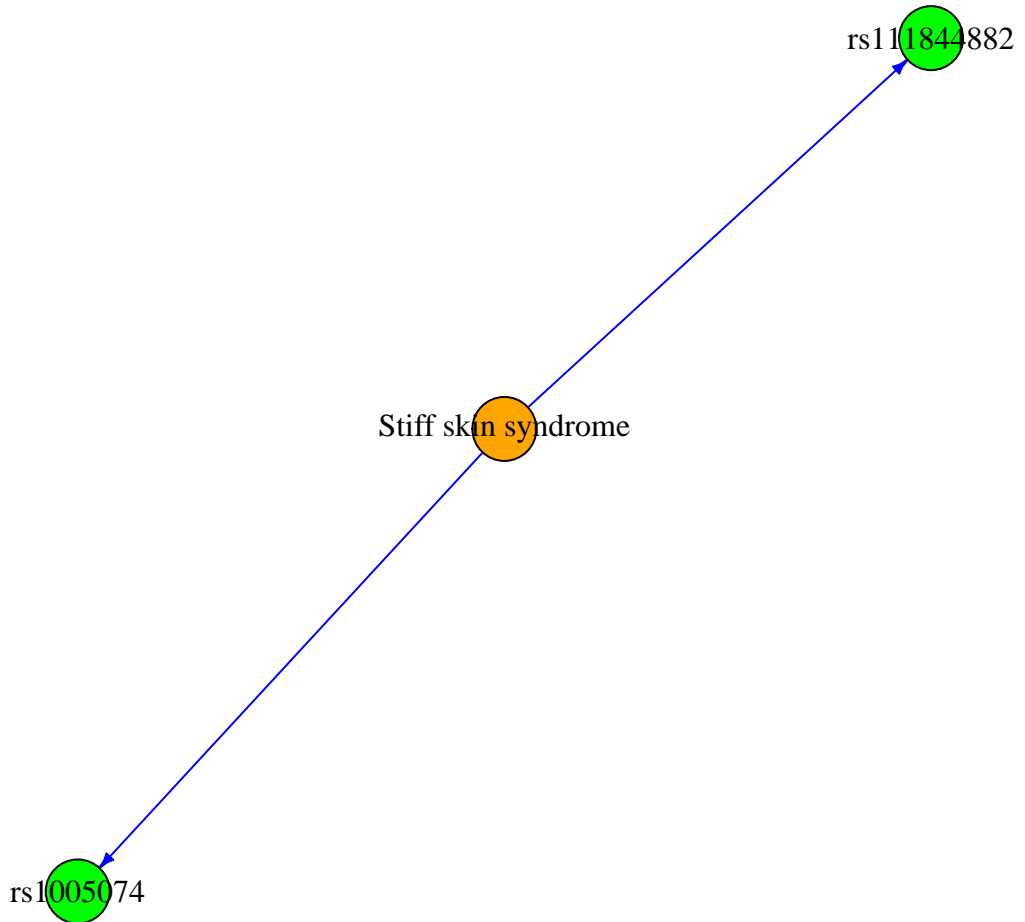




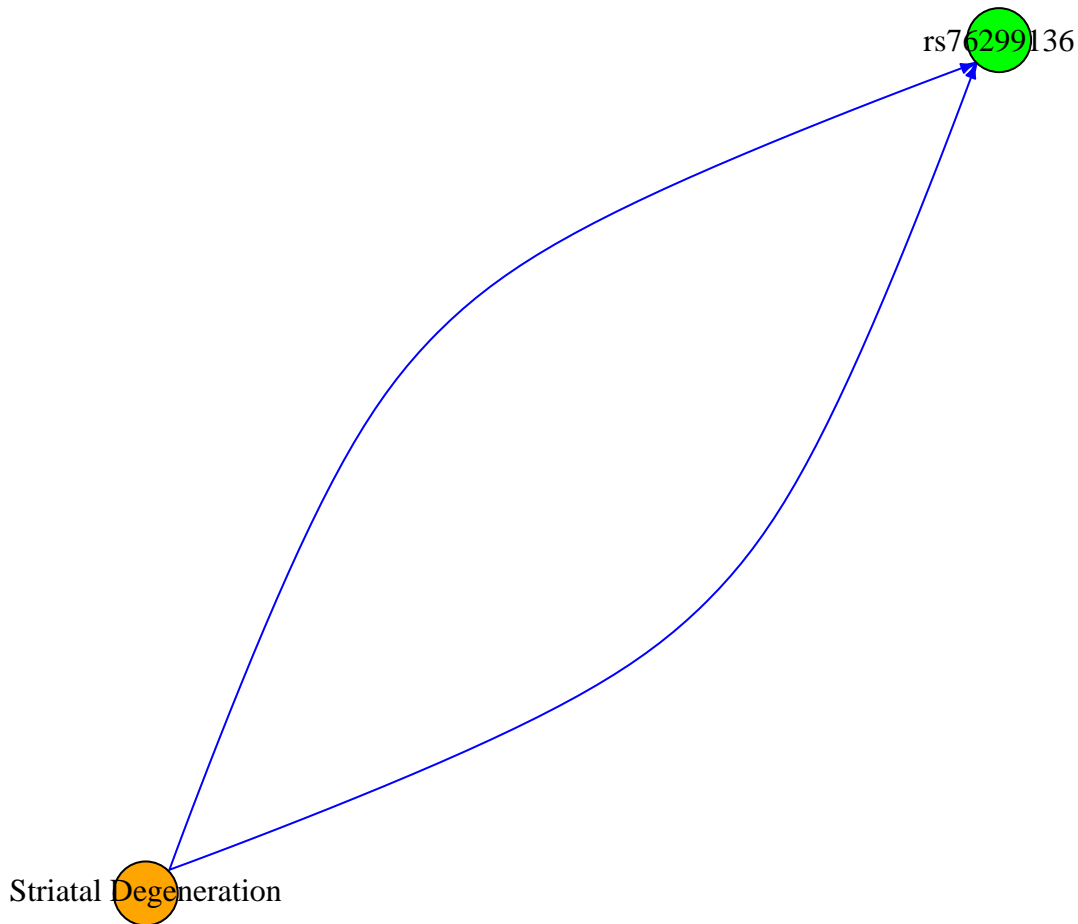
## Variant–Disease Network (Stickler Syndrome)



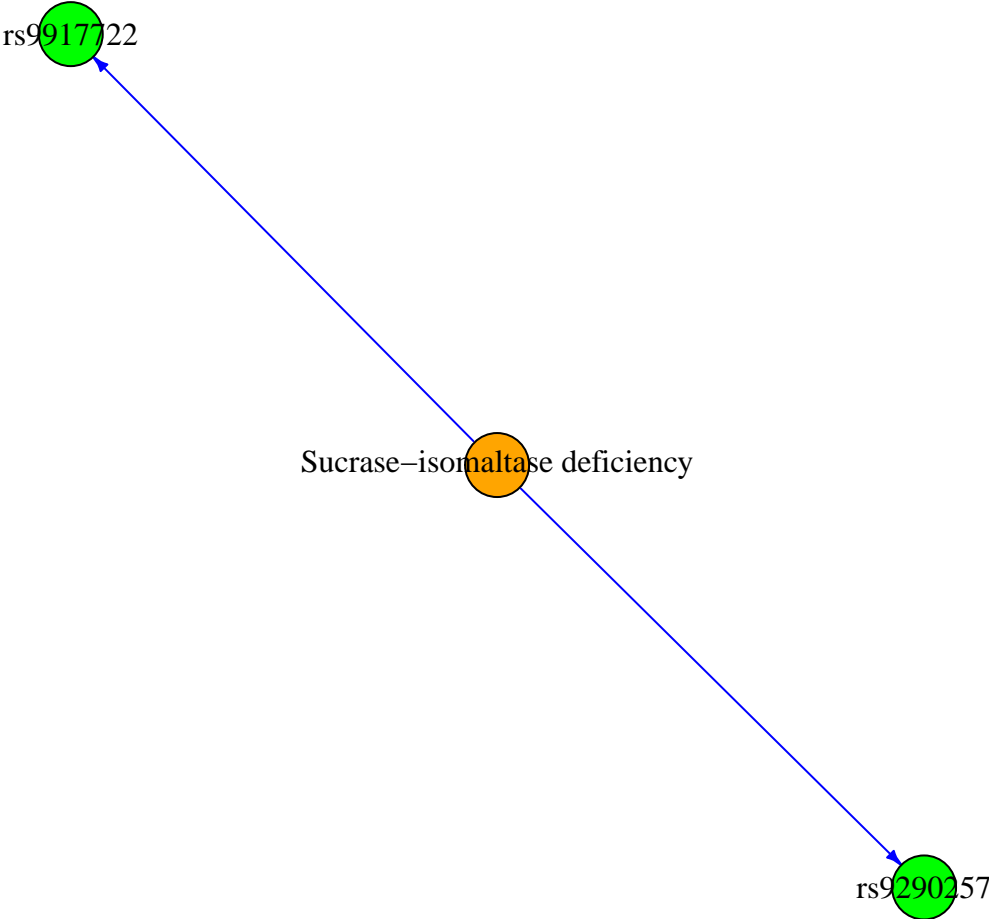
## Variant–Disease Network (Stiff skin syndrome)



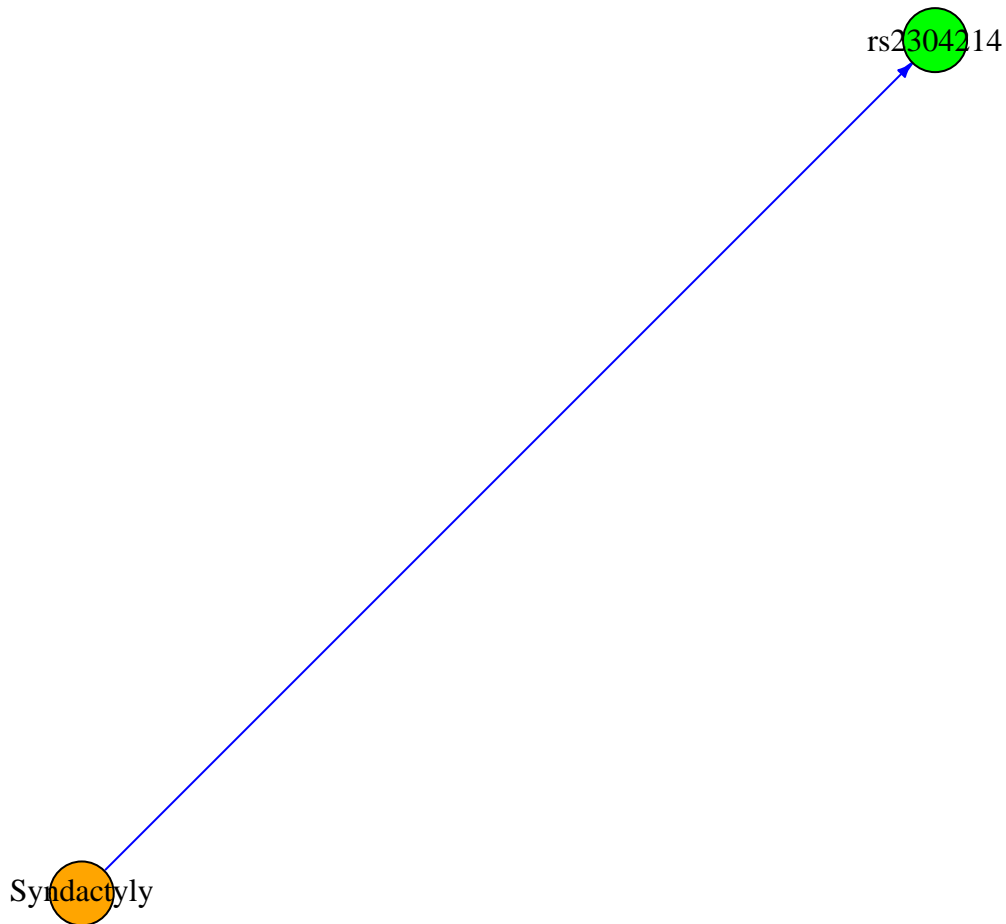
## Variant–Disease Network (Striatal Degeneration)



**Variant–Disease Network (Sucrase–isomaltase deficiency)**



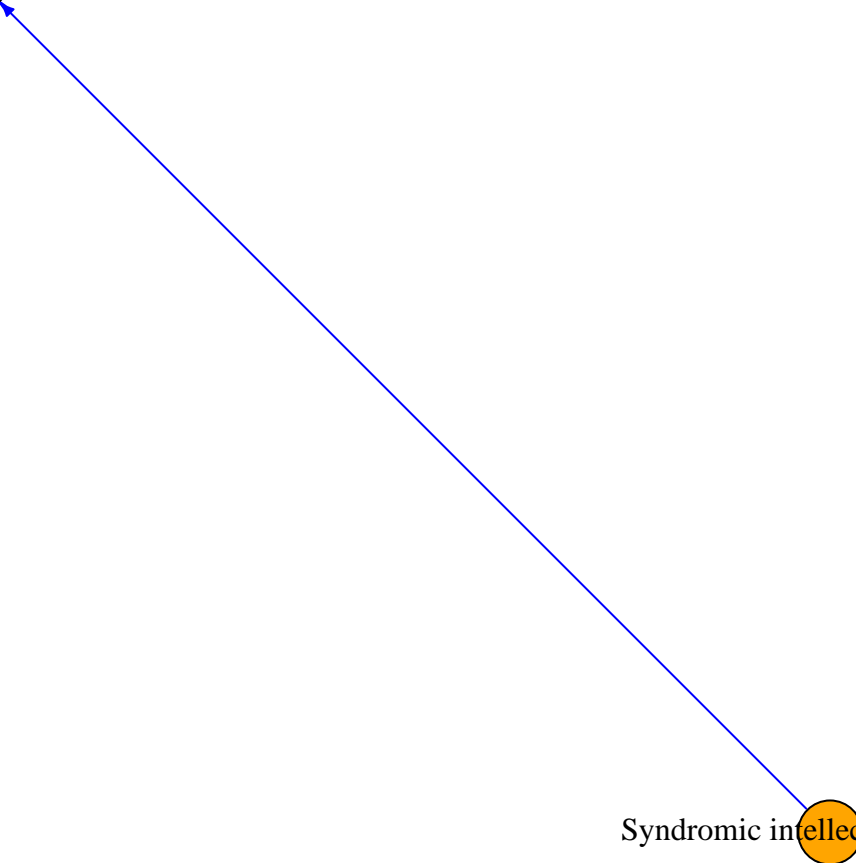
## Variant–Disease Network (Syndactyly)



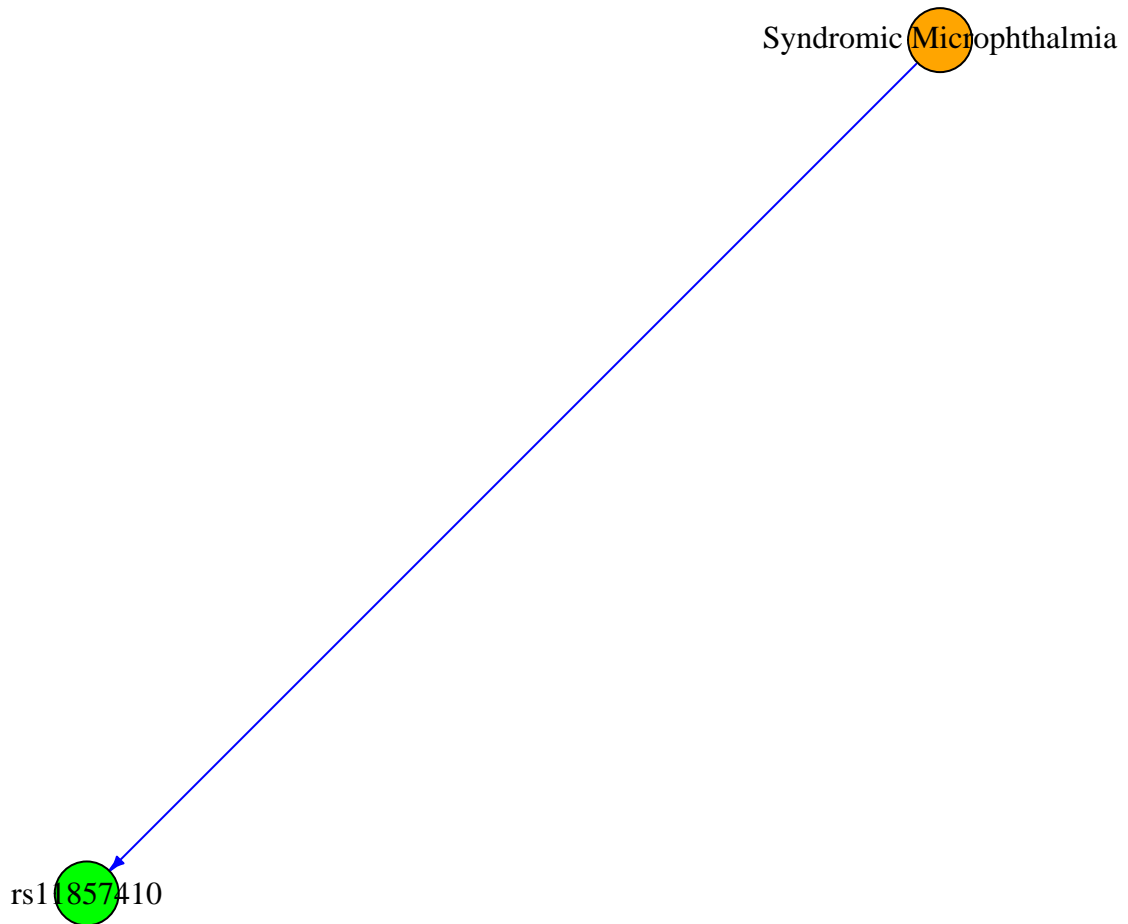
## Variant–Disease Network (Syndromic intellectual disability)

rs1881194

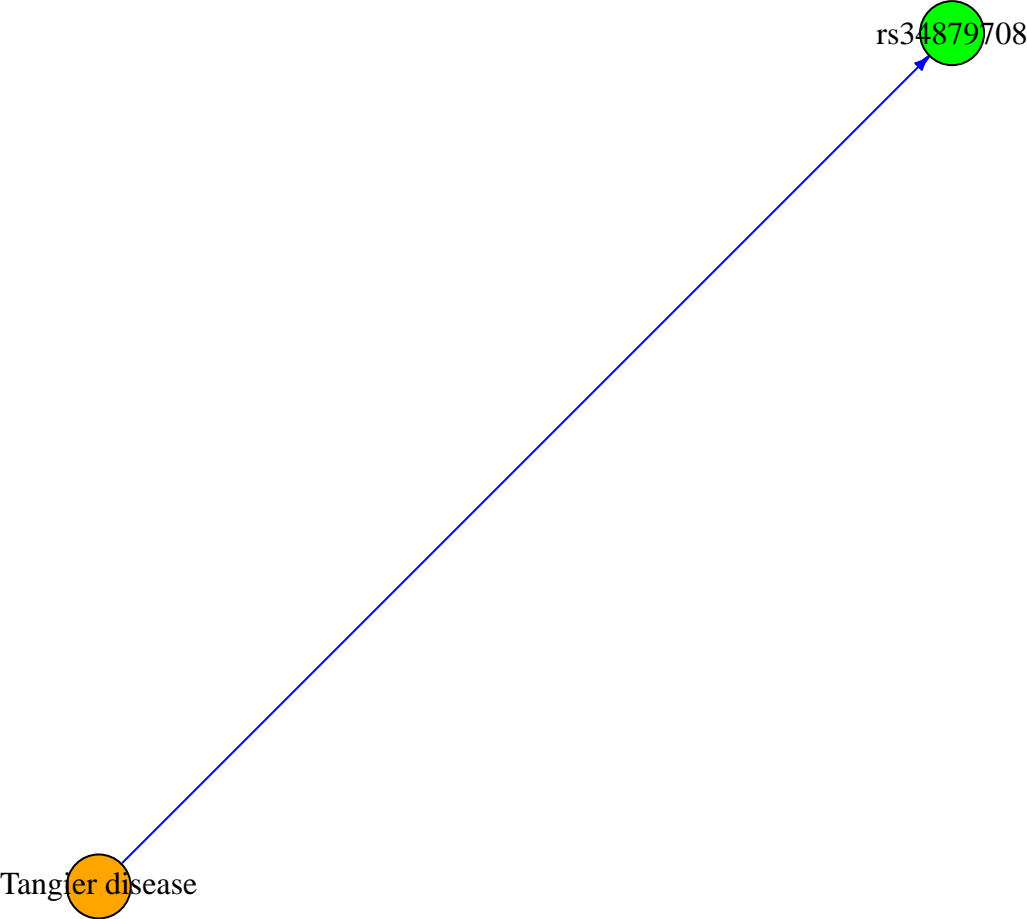
Syndromic intellectual disability



## Variant–Disease Network (Syndromic Microphthalmia)

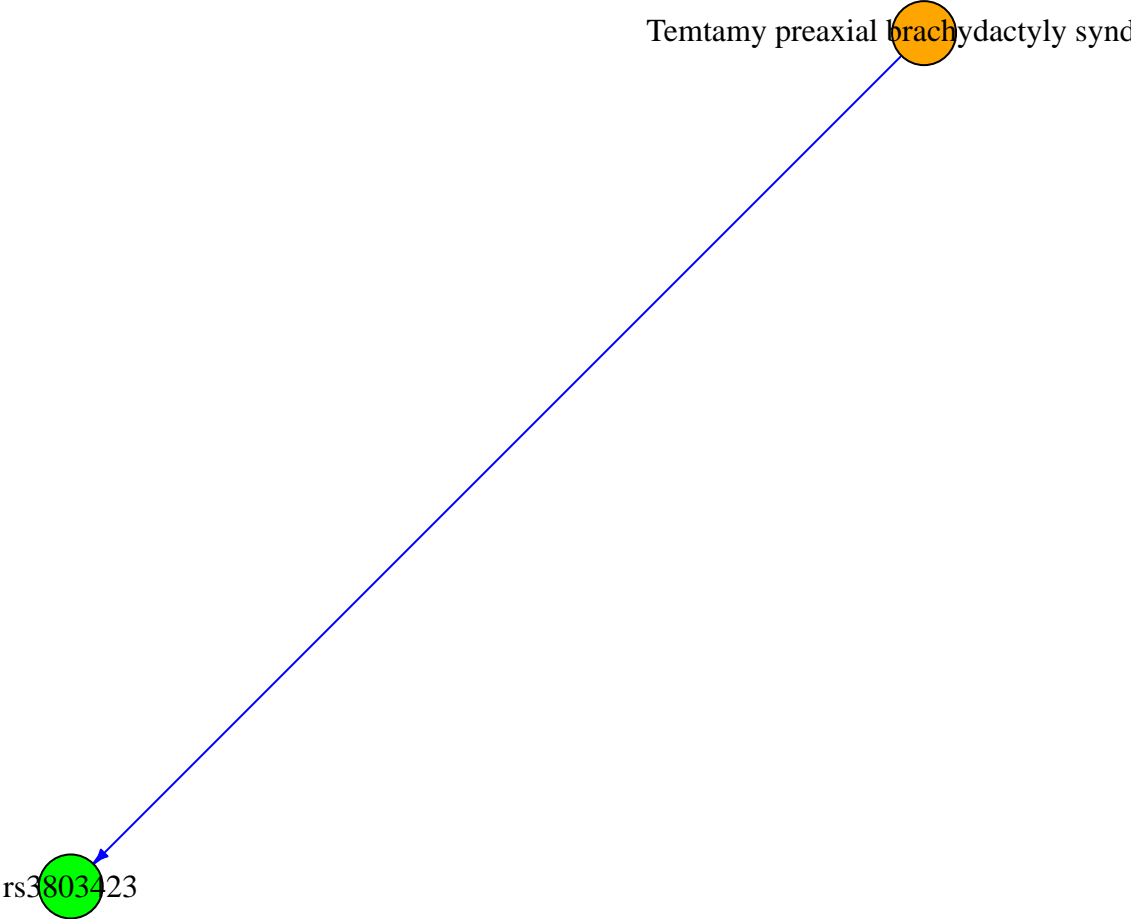


Variant–Disease Network (Tangier disease)

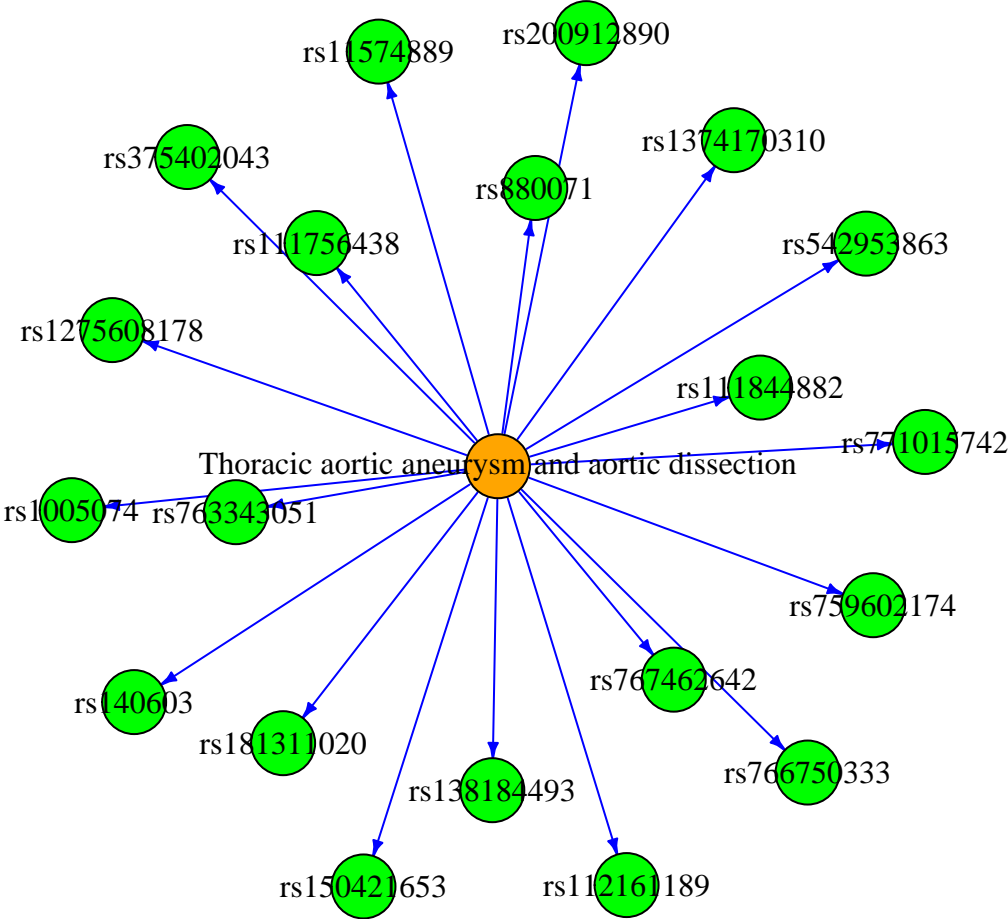




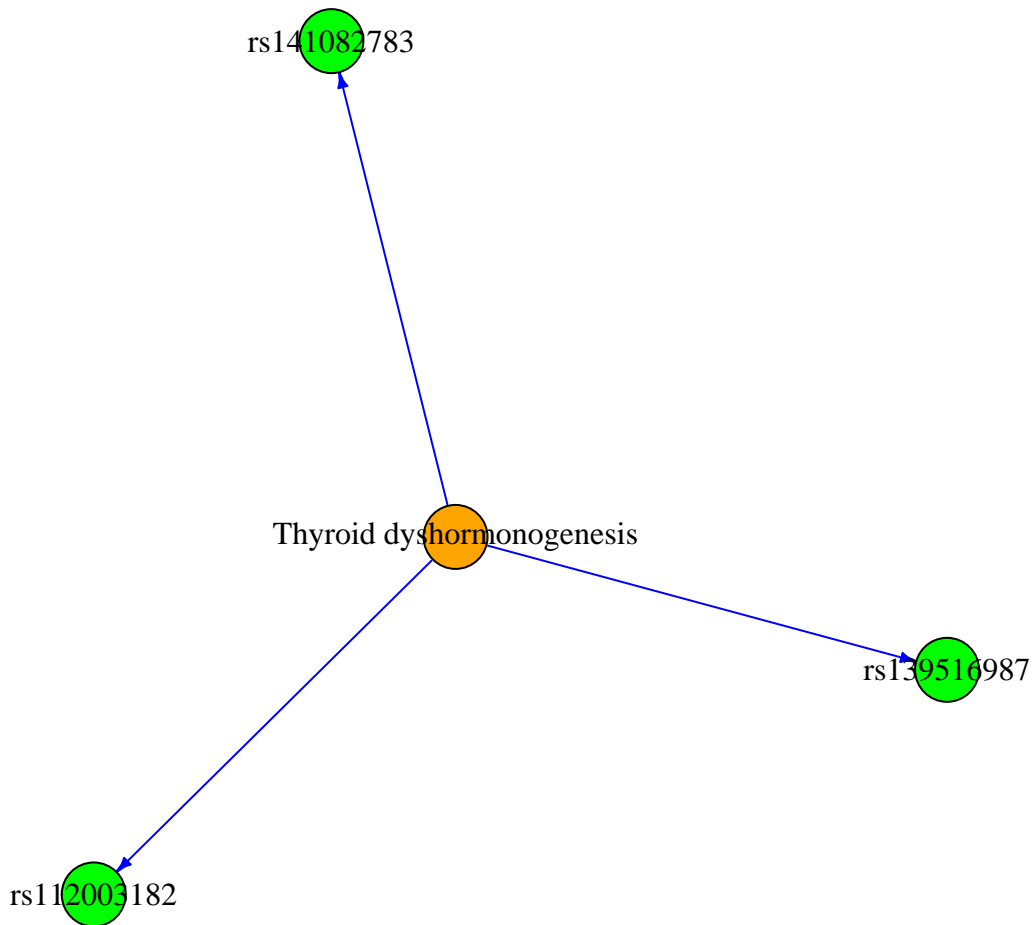
**Variant–Disease Network (Temptamy preaxial brachydactyly syndrome)**



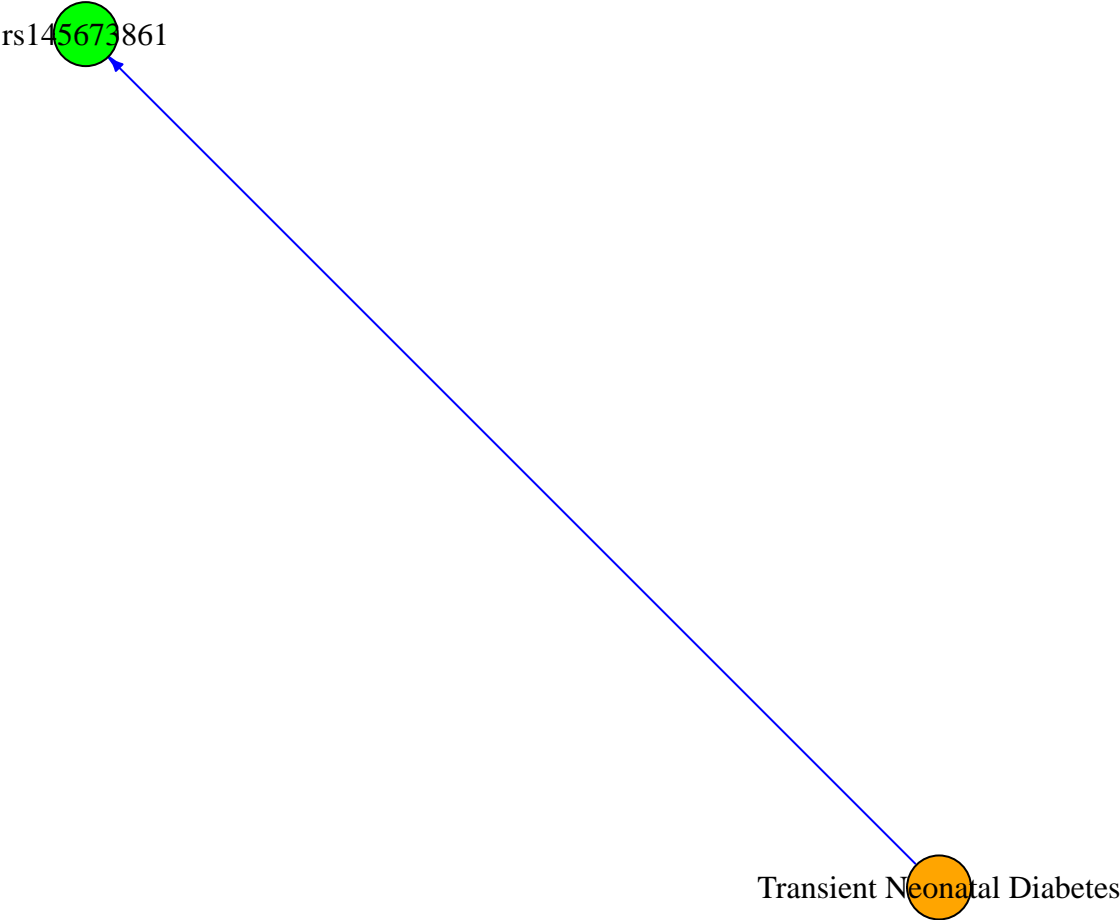
**Variant–Disease Network (Thoracic aortic aneurysm and aortic dissection)**



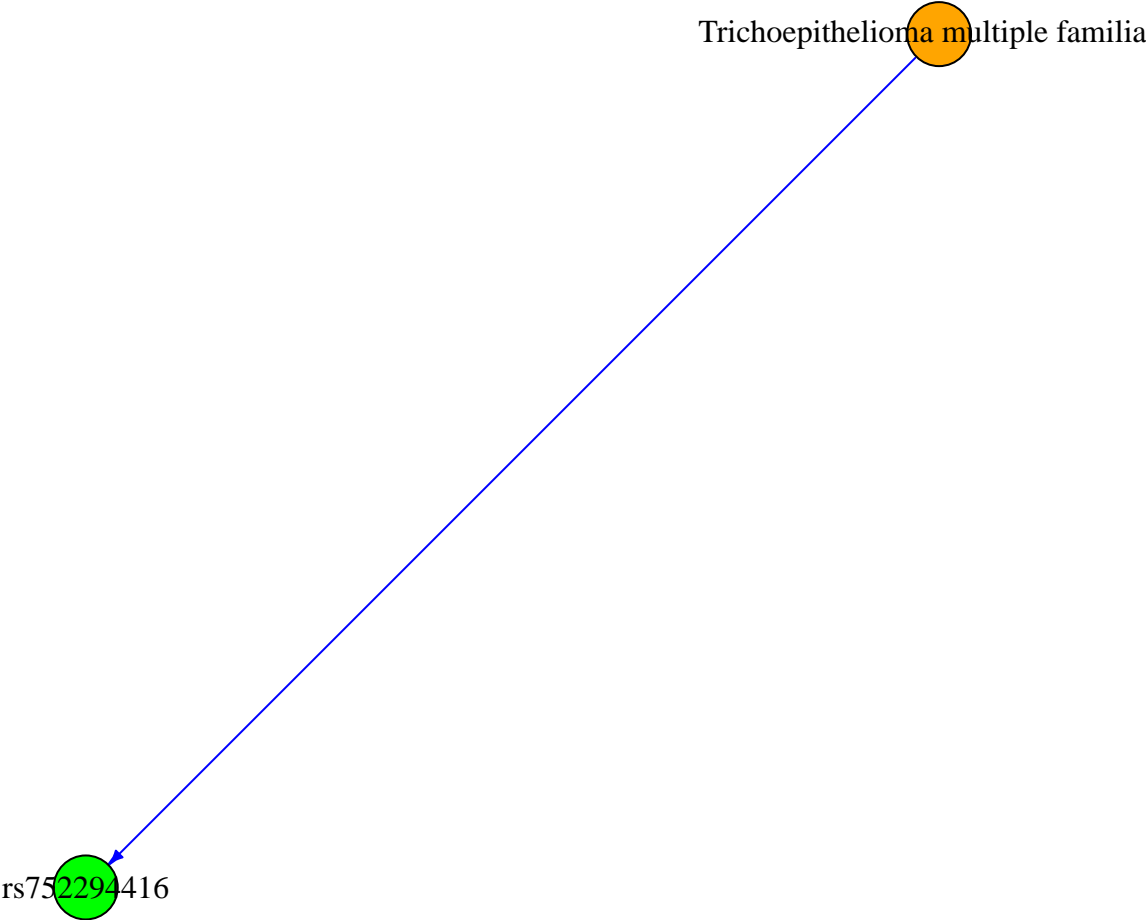
## Variant–Disease Network (Thyroid dysmorphogenesis)



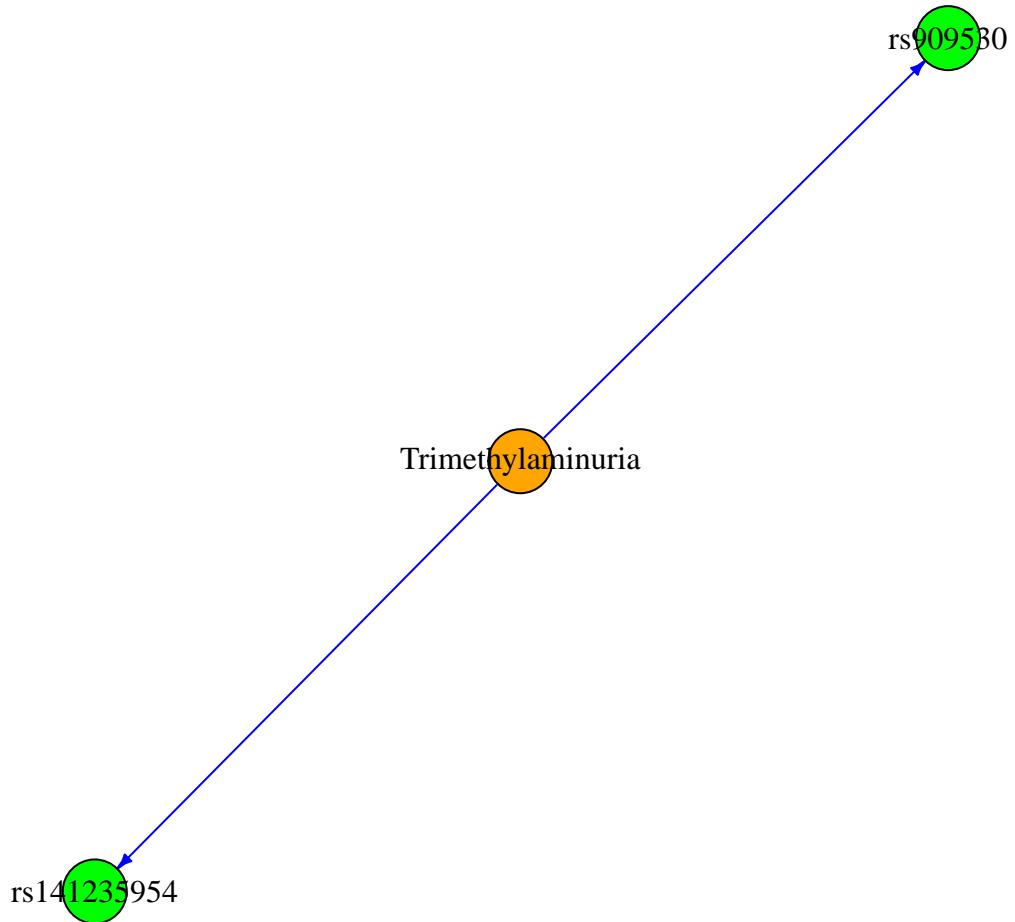
**Variant–Disease Network (Transient Neonatal Diabetes)**



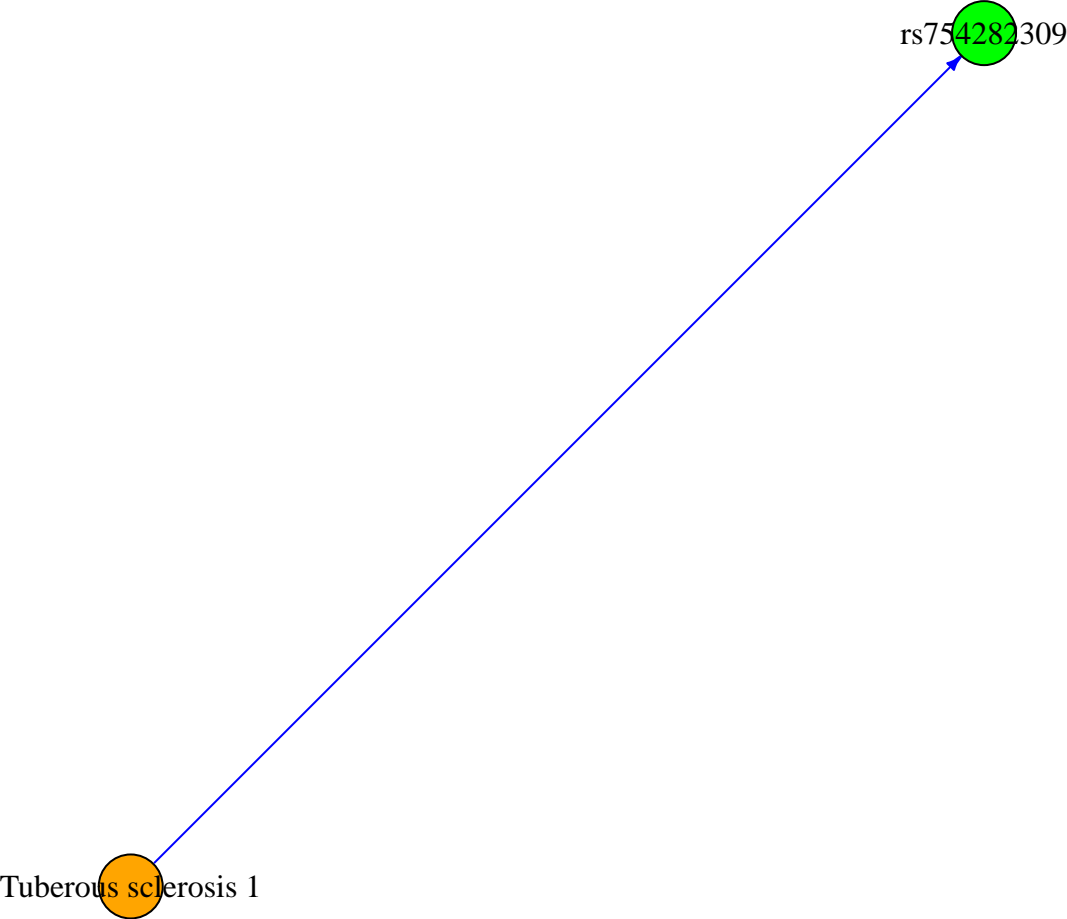
Variant–Disease Network (Trichoepithelioma multiple familial 2)



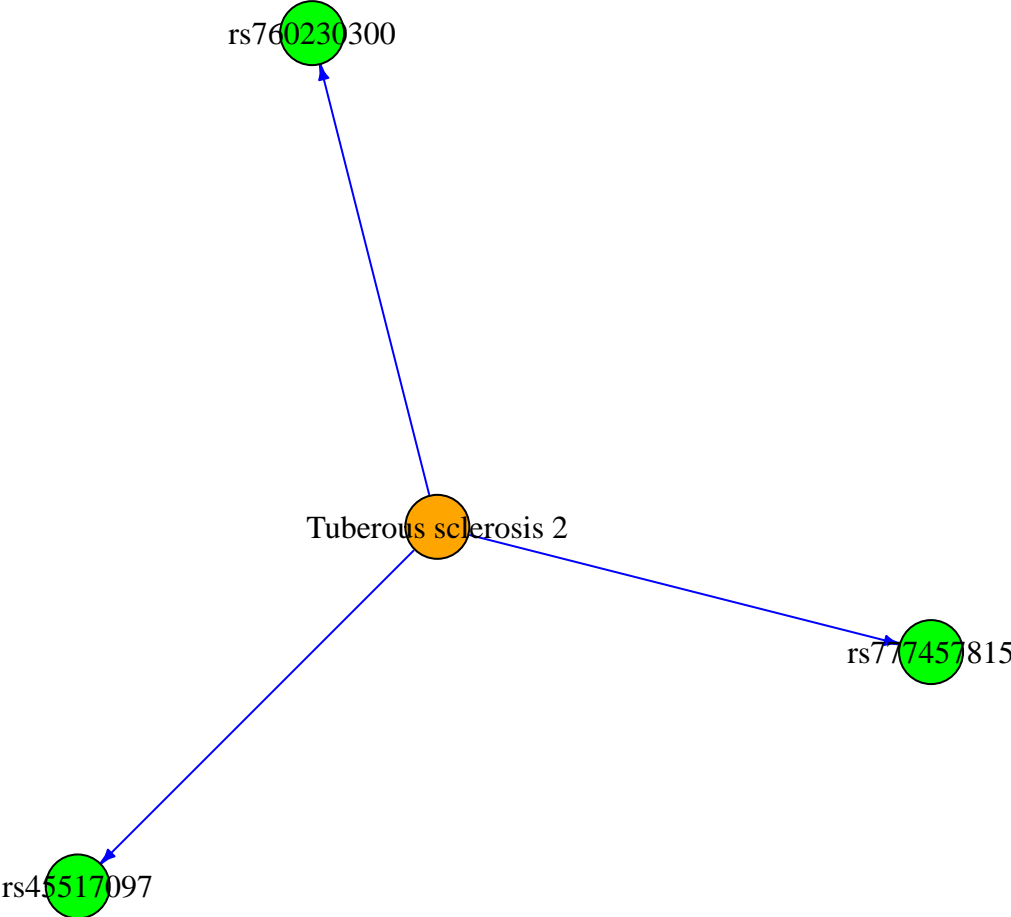
## Variant–Disease Network (Trimethylaminuria)



Variant–Disease Network (Tuberous sclerosis 1)

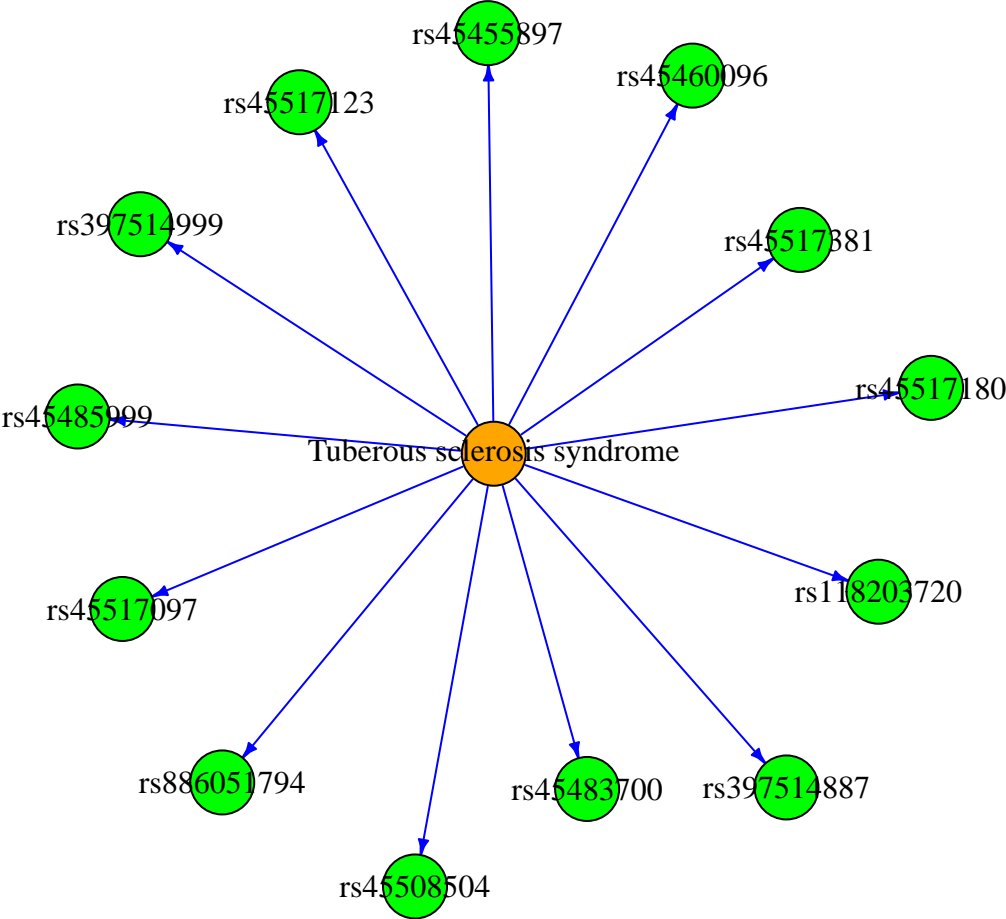


Variant–Disease Network (Tuberous sclerosis 2)

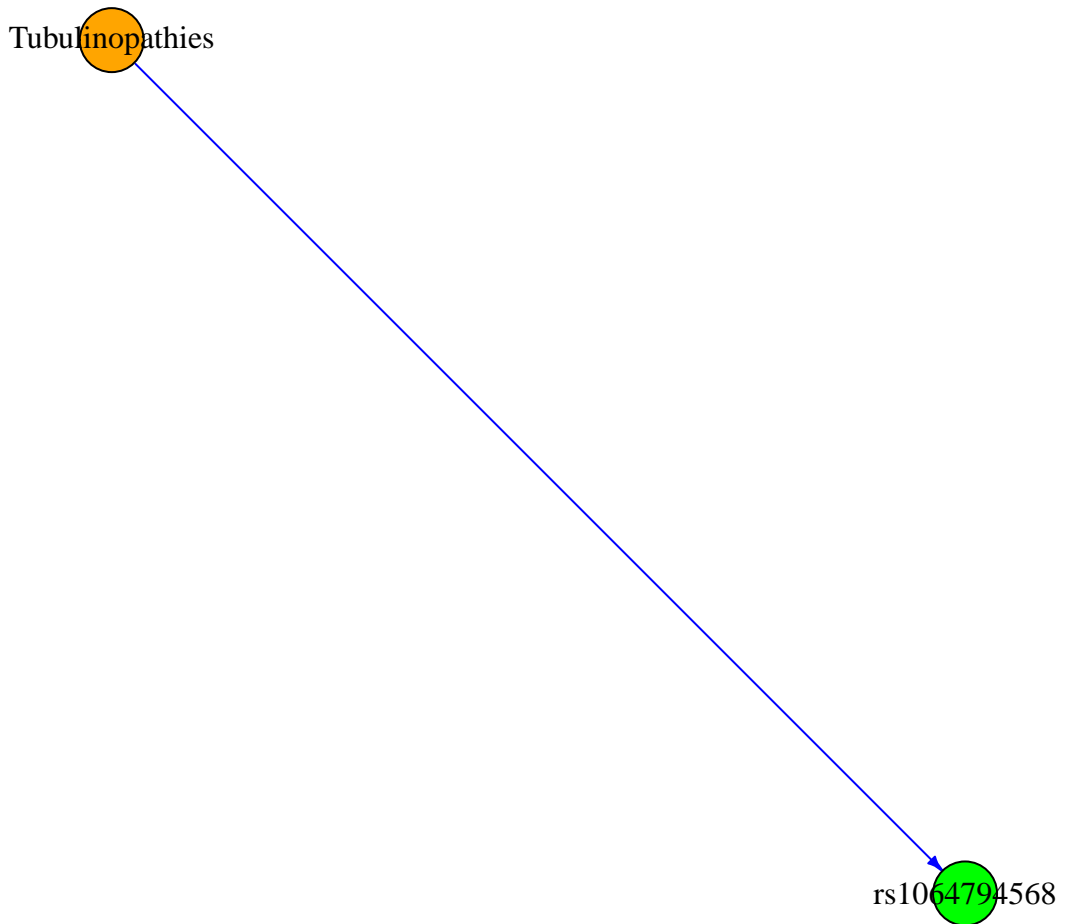




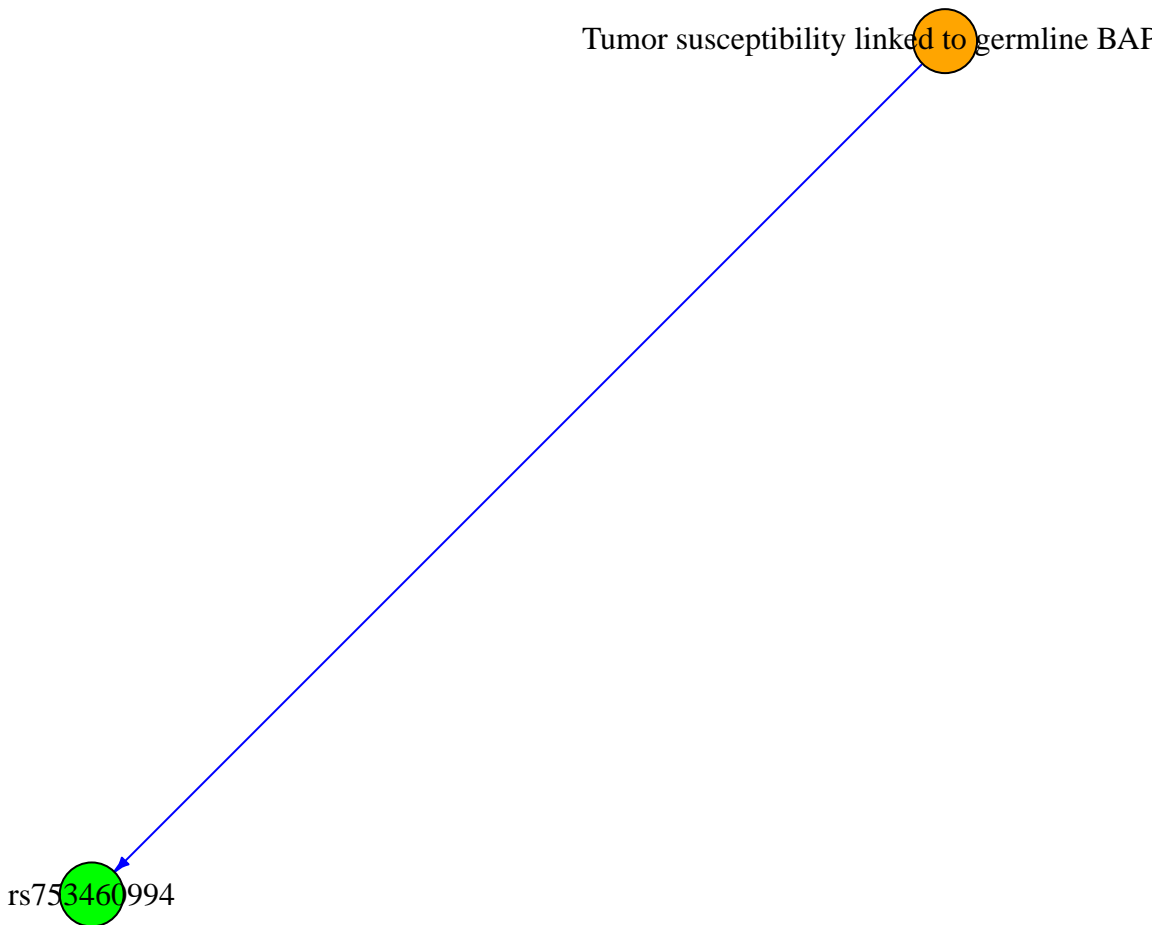
**Variant–Disease Network (Tuberous sclerosis syndrome)**



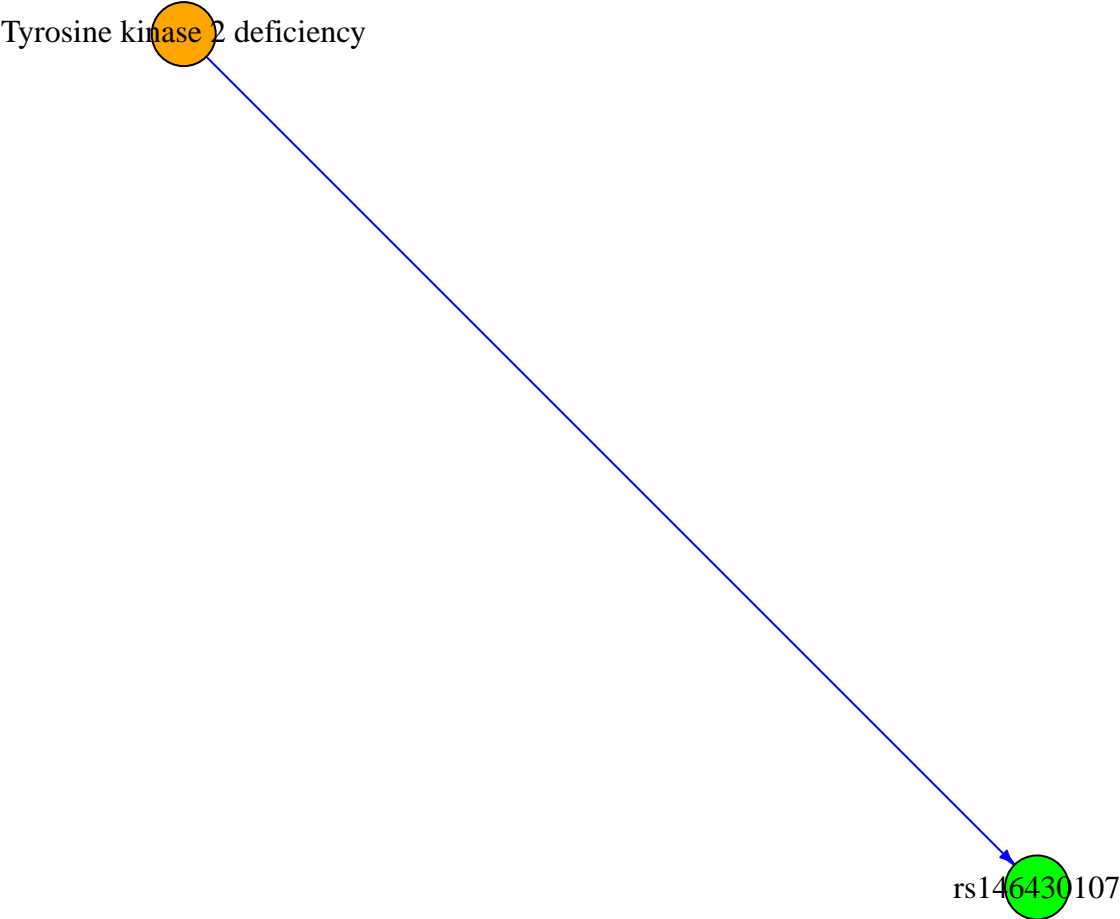
## Variant–Disease Network (Tubulinopathies)



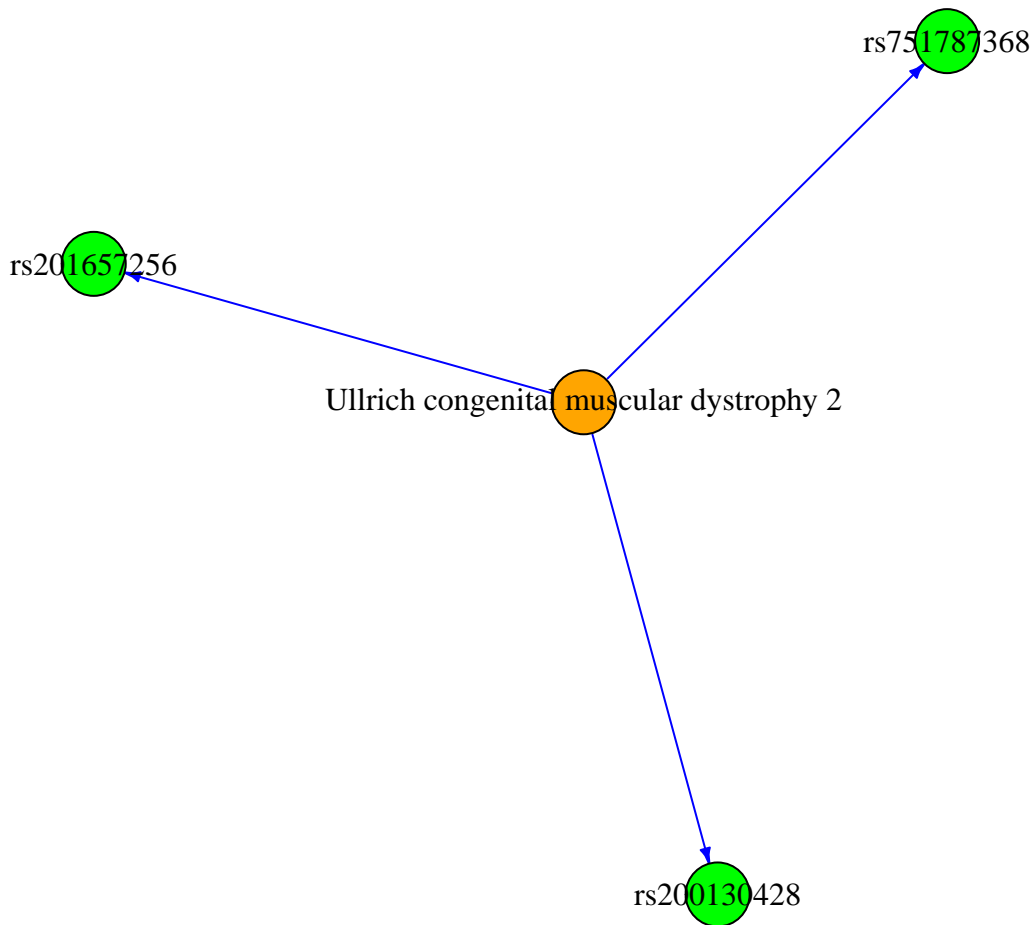
# Variant-Disease Network (Tumor susceptibility linked to germline BAP1 mutation)



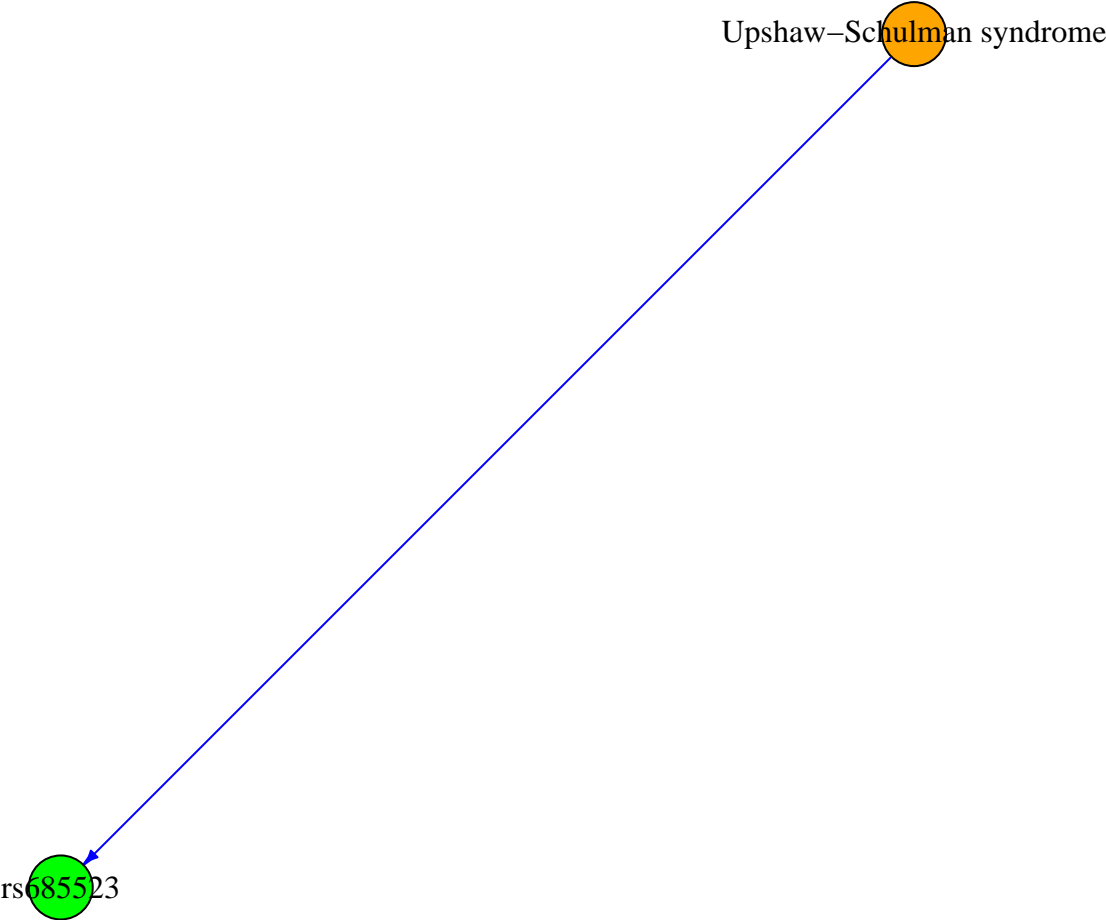
**Variant–Disease Network (Tyrosine kinase 2 deficiency)**



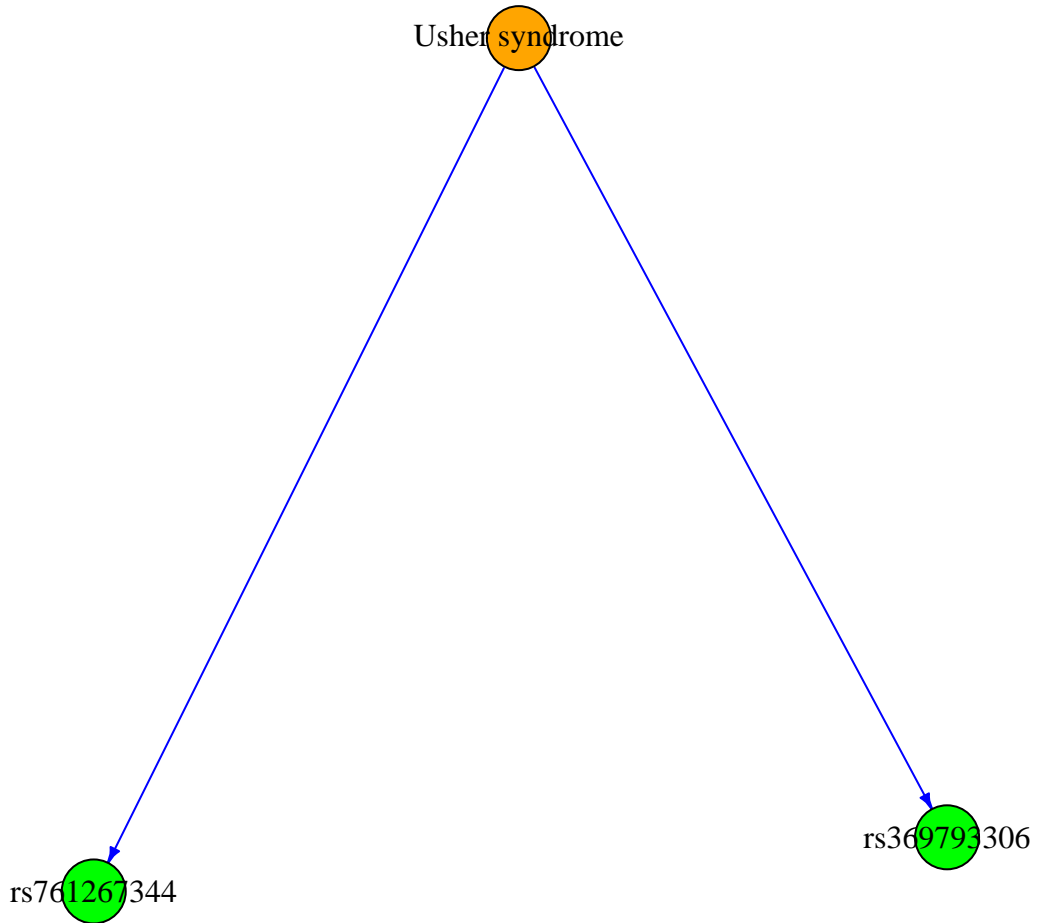
# Variant–Disease Network (Ullrich congenital muscular dystrophy 2)



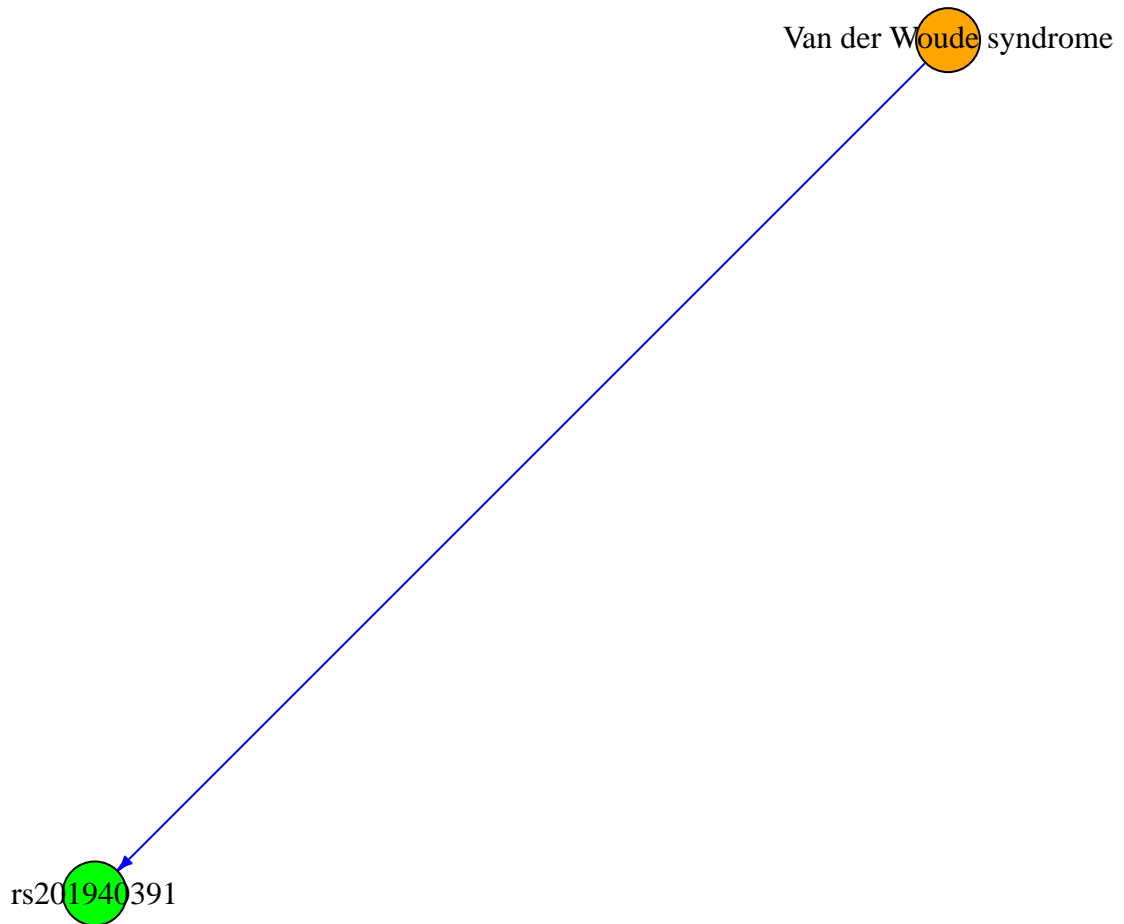
Variant–Disease Network (Upshaw–Schulman syndrome)



## Variant–Disease Network (Usher syndrome)

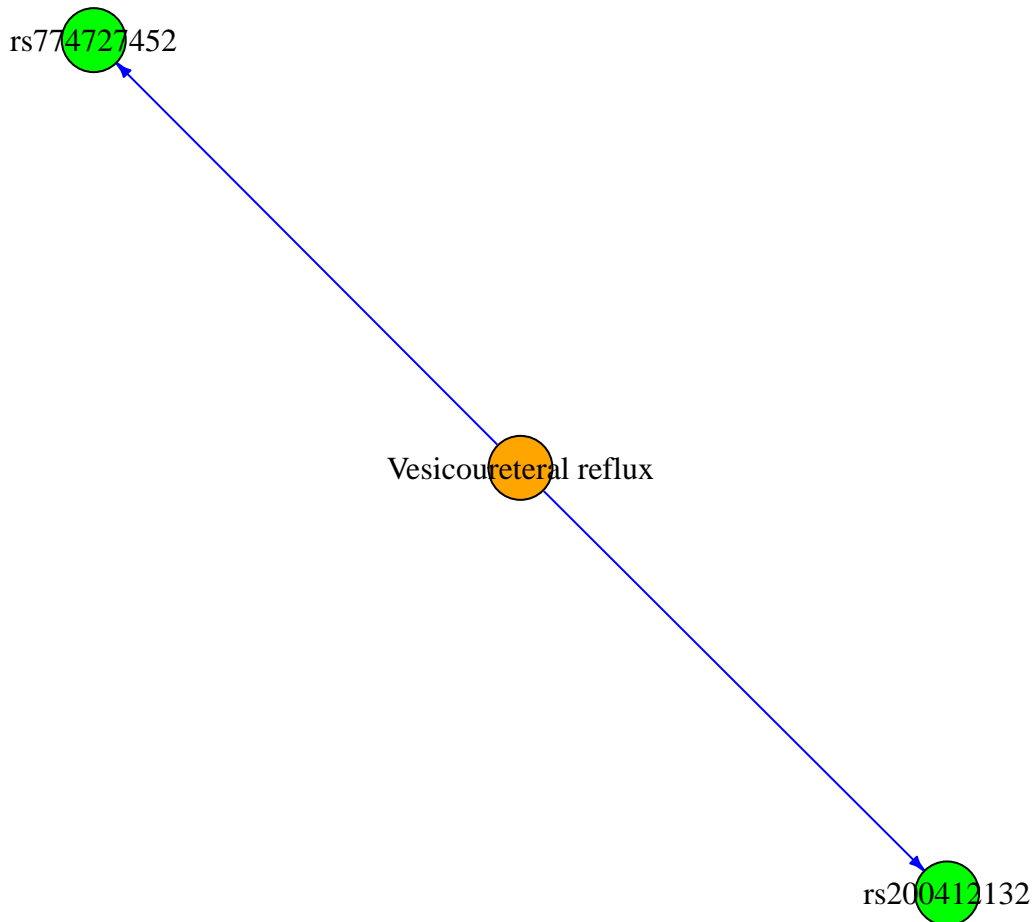


## Variant–Disease Network (Van der Woude syndrome)

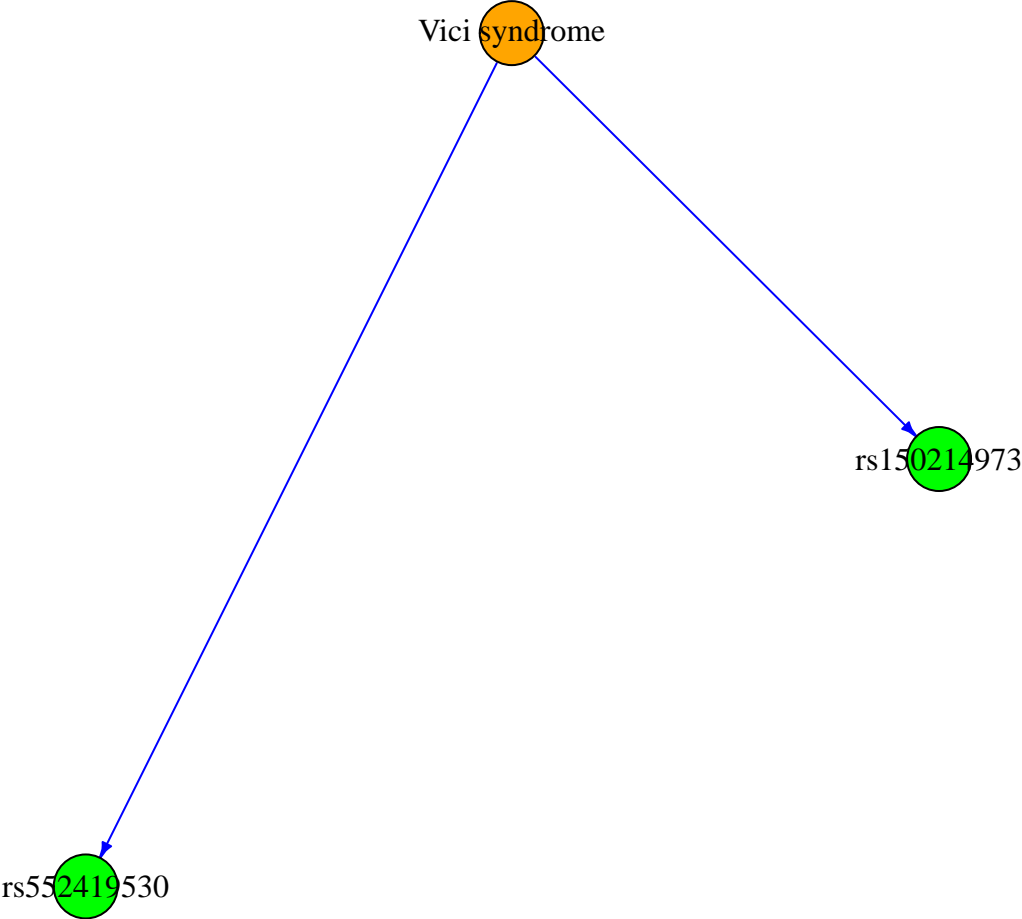




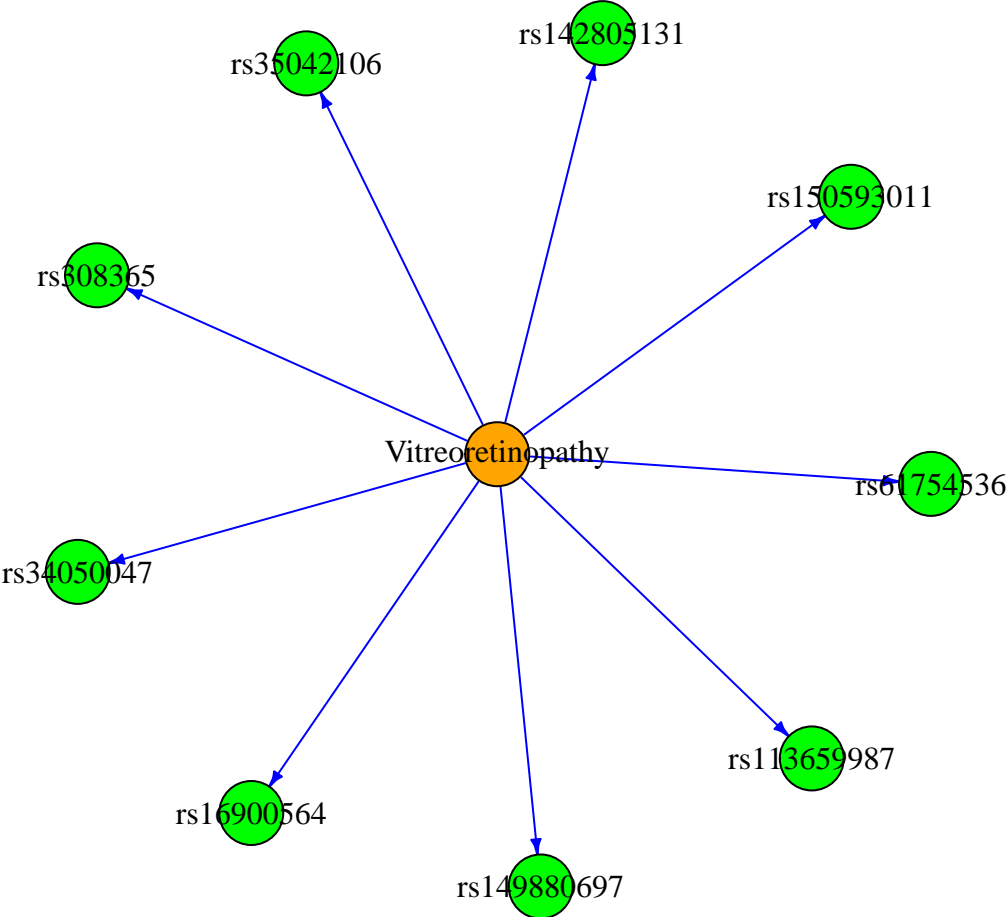
## Variant–Disease Network (Vesicoureteral reflux)



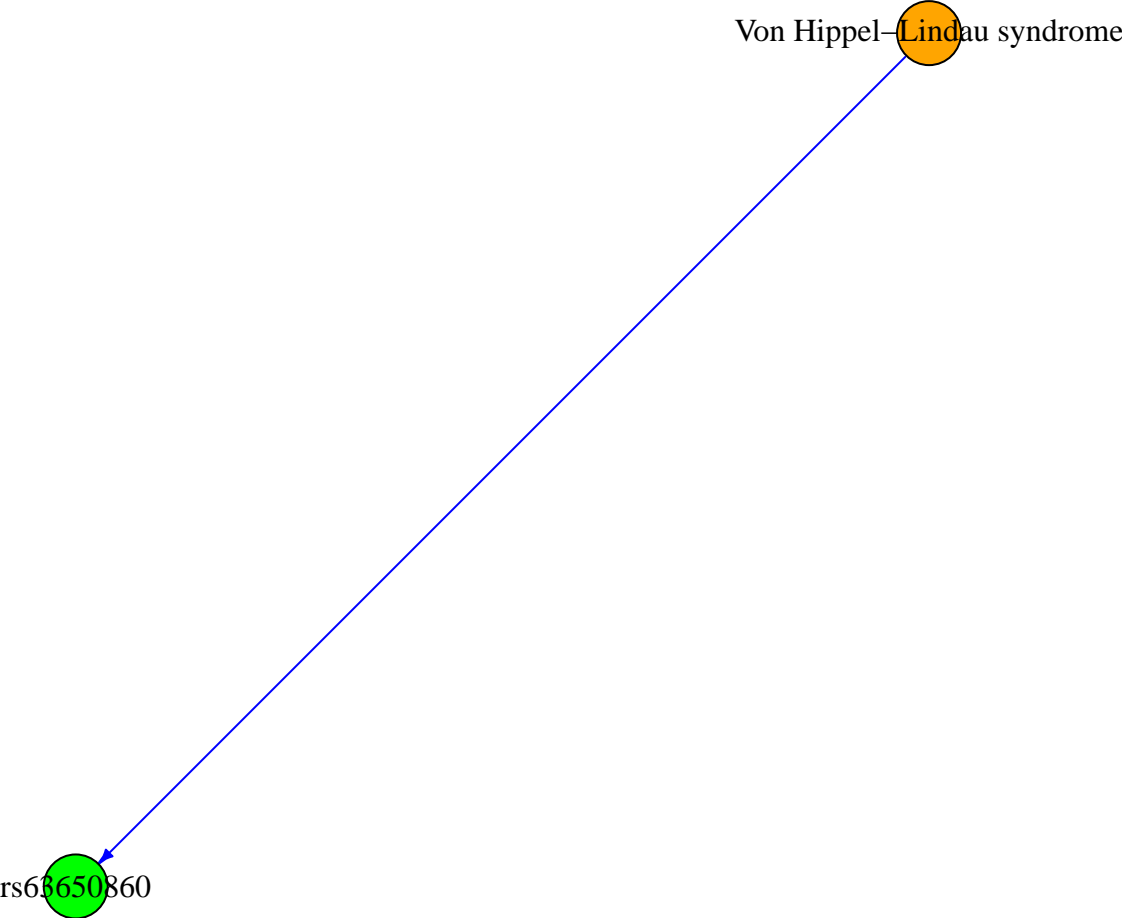
**Variant–Disease Network (Vici syndrome)**



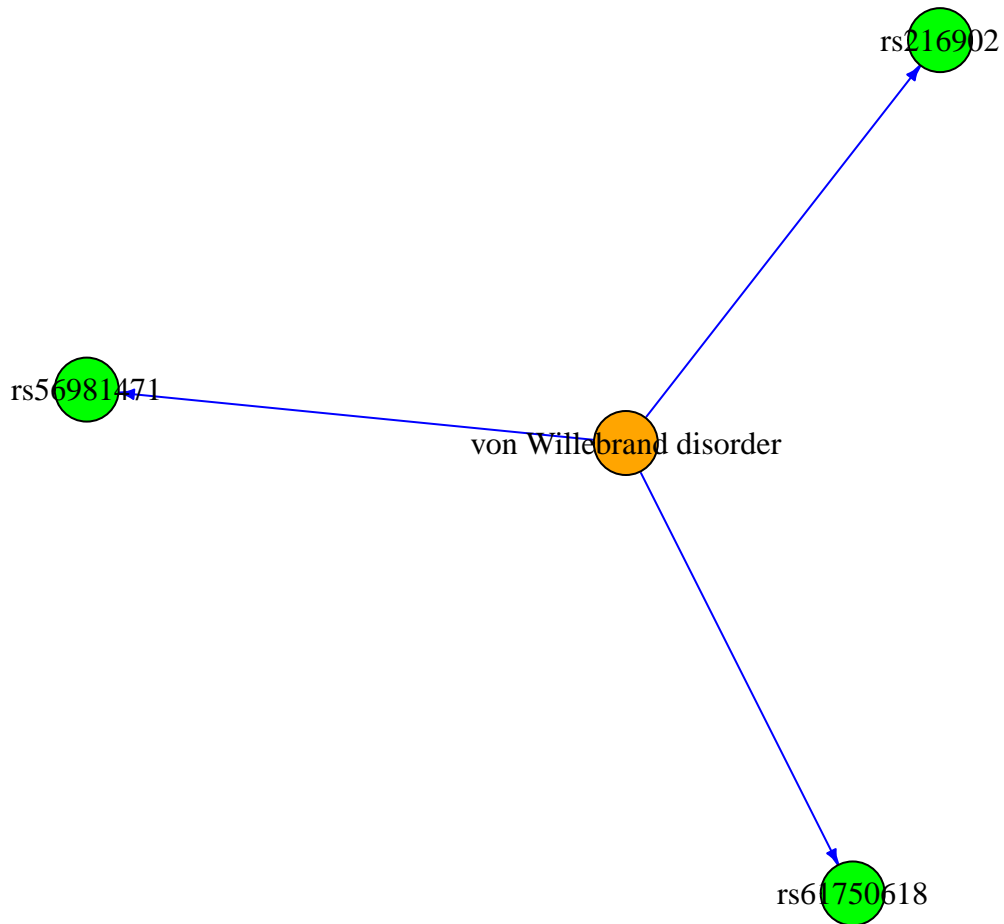
Variant–Disease Network (Vitreoretinopathy)



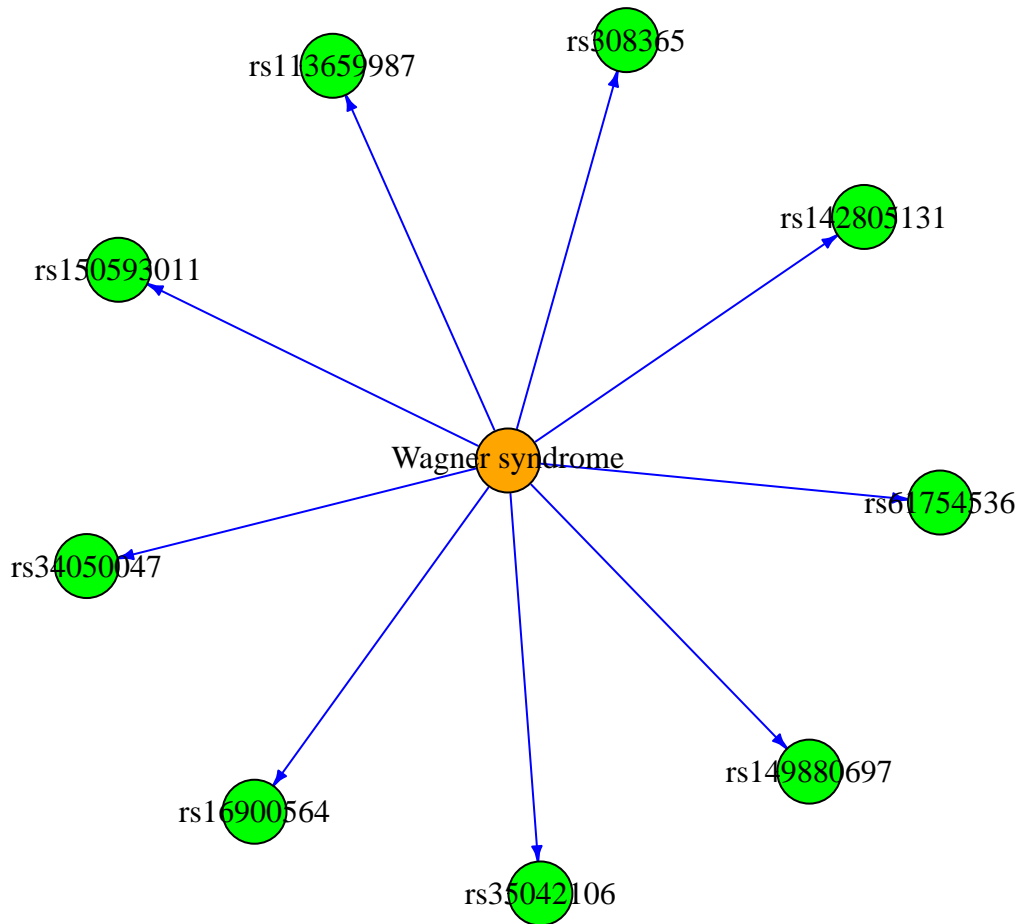
Variant–Disease Network (Von Hippel–Lindau syndrome)



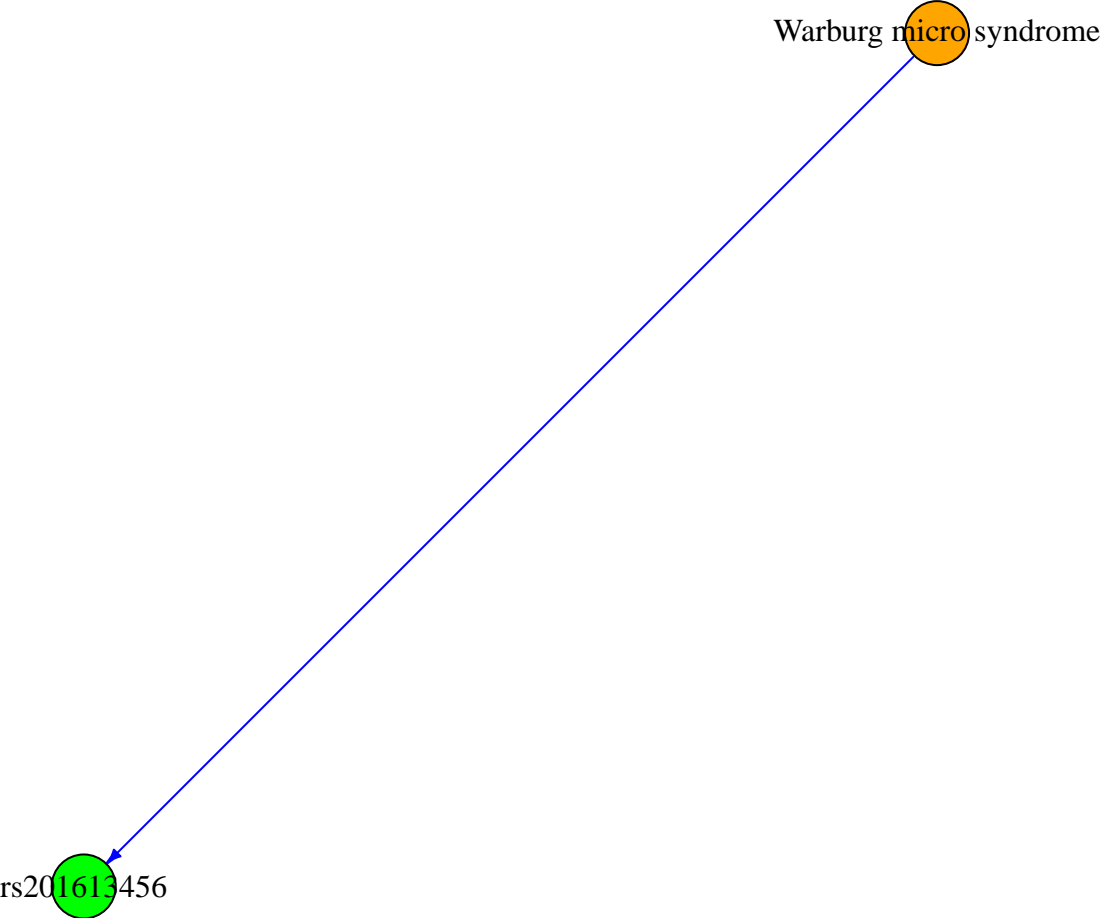
## Variant–Disease Network (von Willebrand disorder)



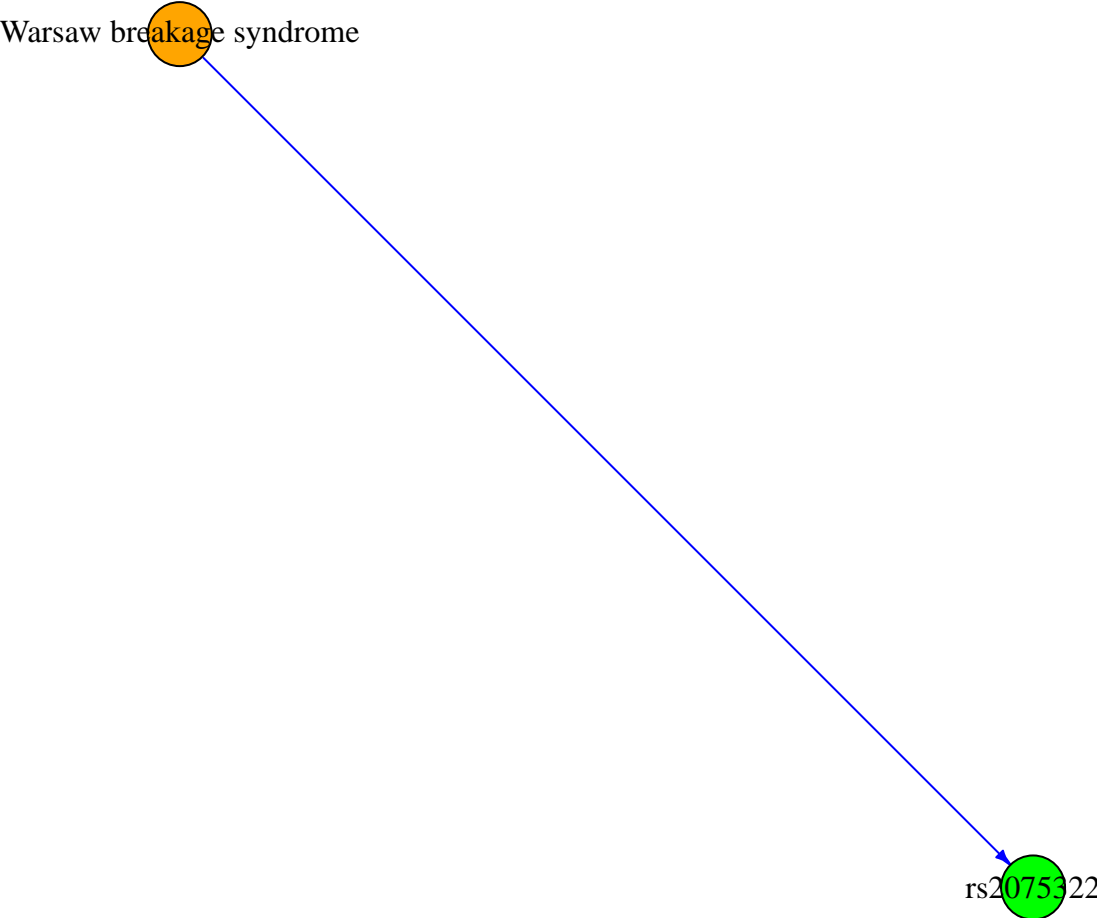
## Variant–Disease Network (Wagner syndrome)



Variant–Disease Network (Warburg micro syndrome)

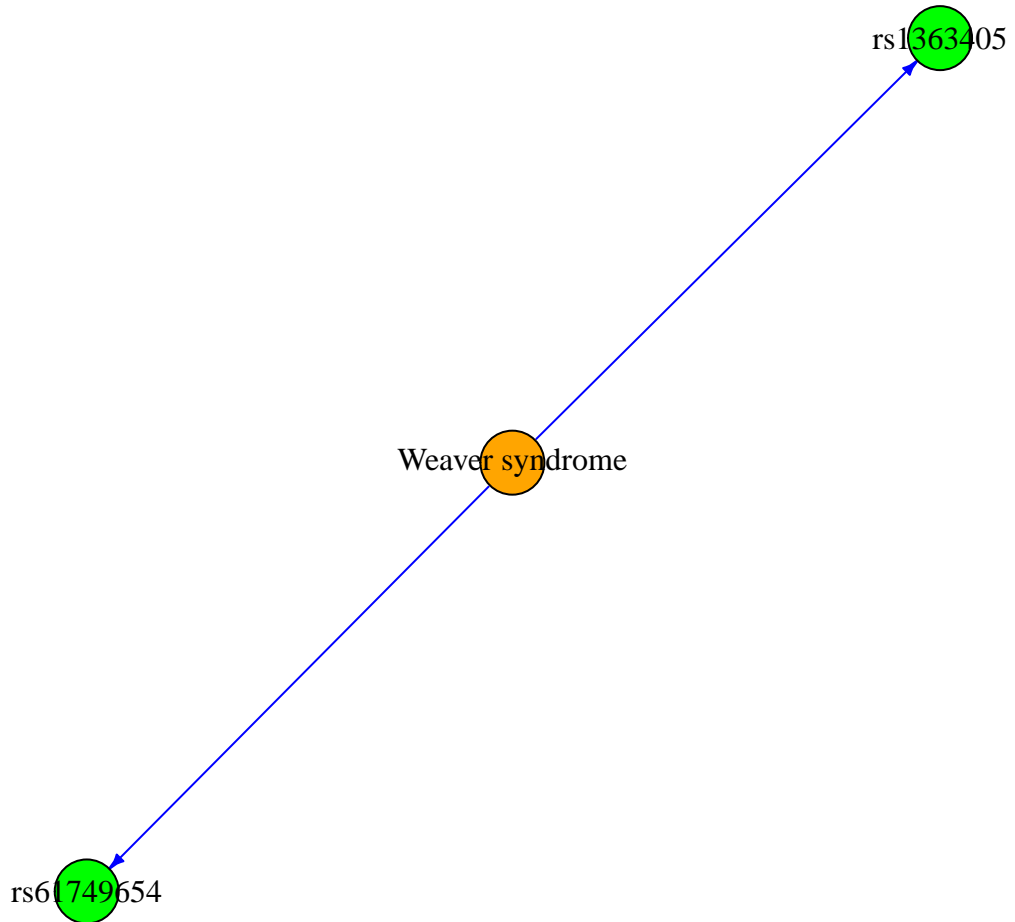


**Variant–Disease Network (Warsaw breakage syndrome)**

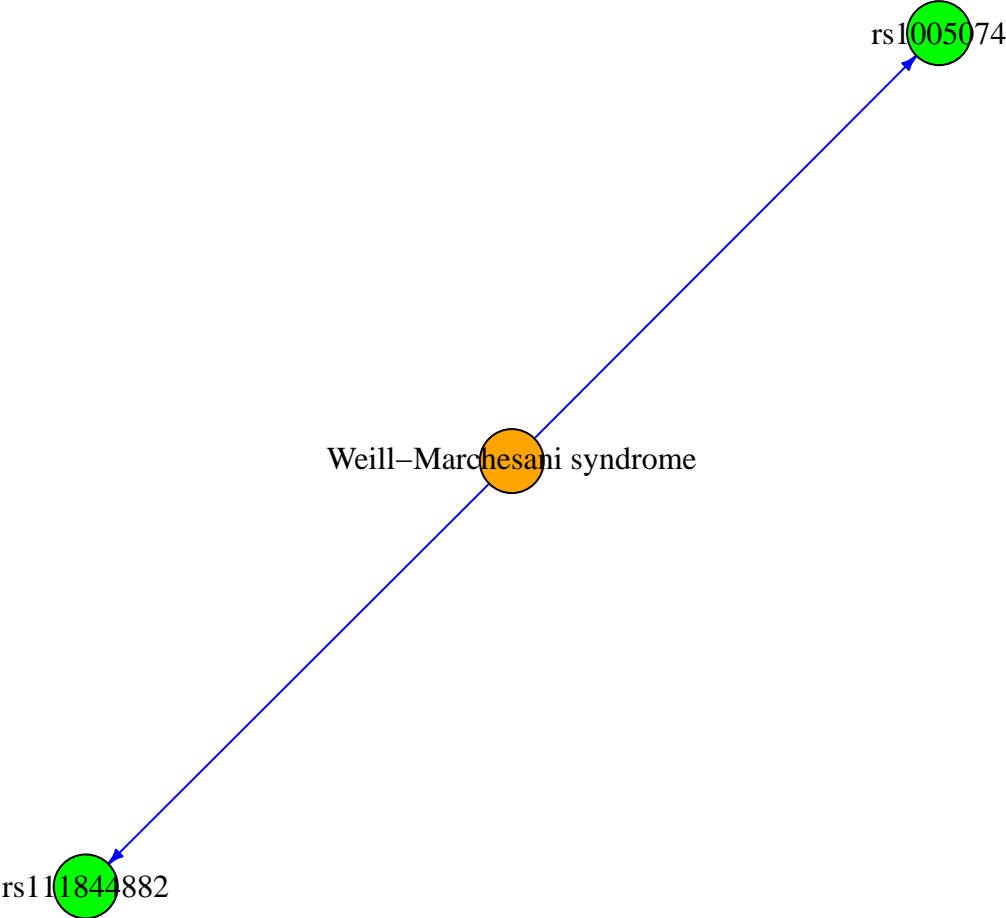




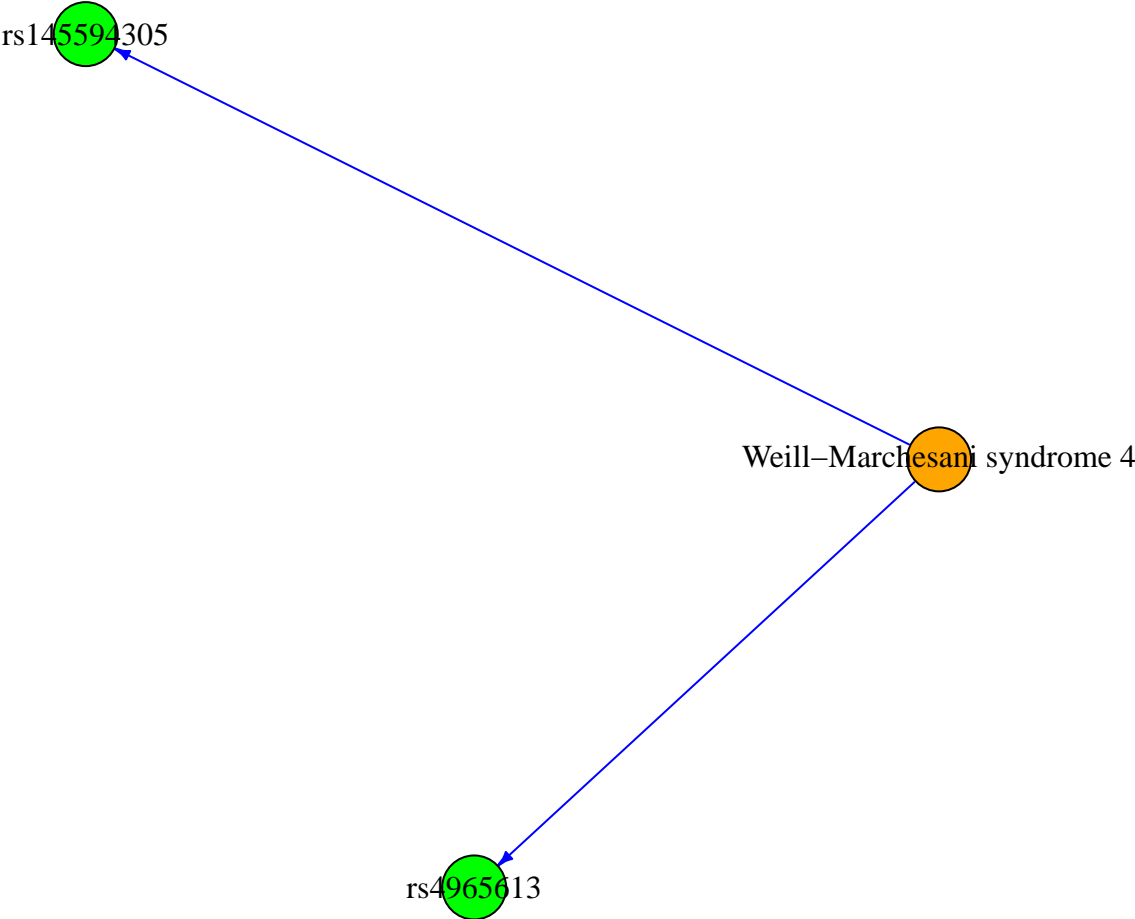
## Variant–Disease Network (Weaver syndrome)



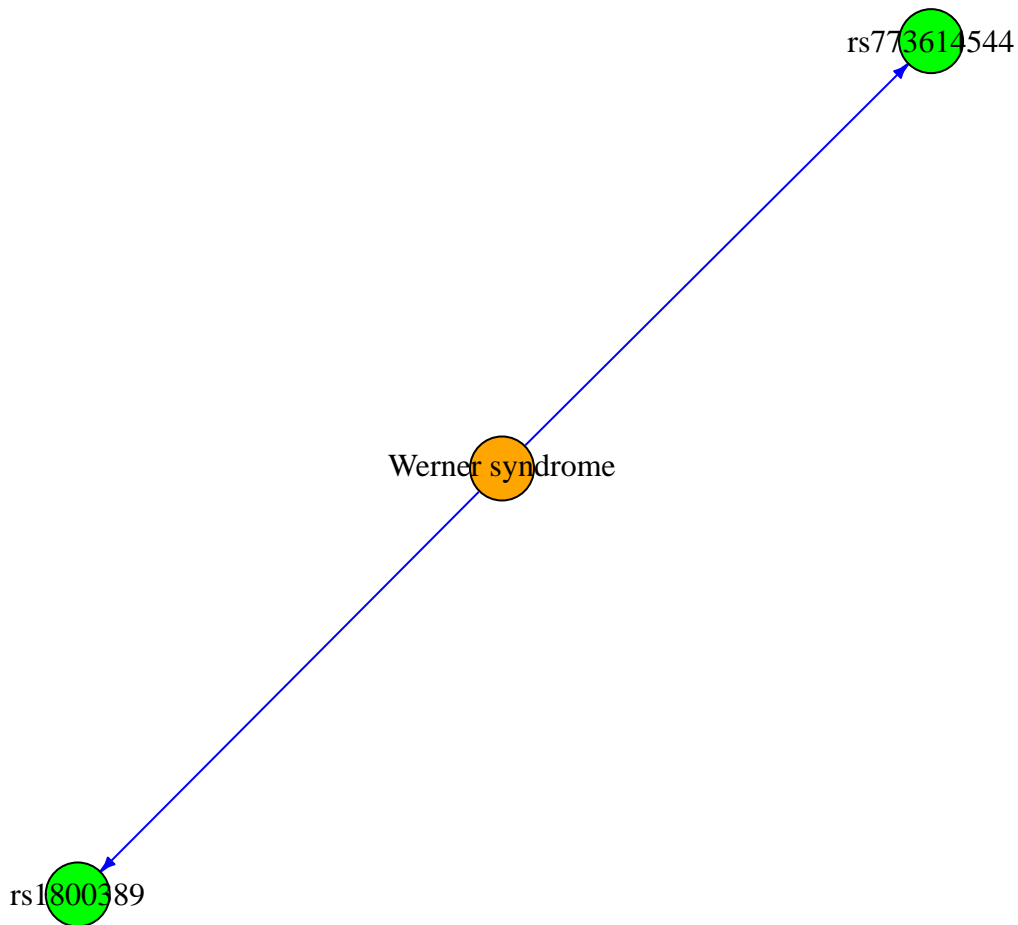
Variant–Disease Network (Weill–Marchesani syndrome)



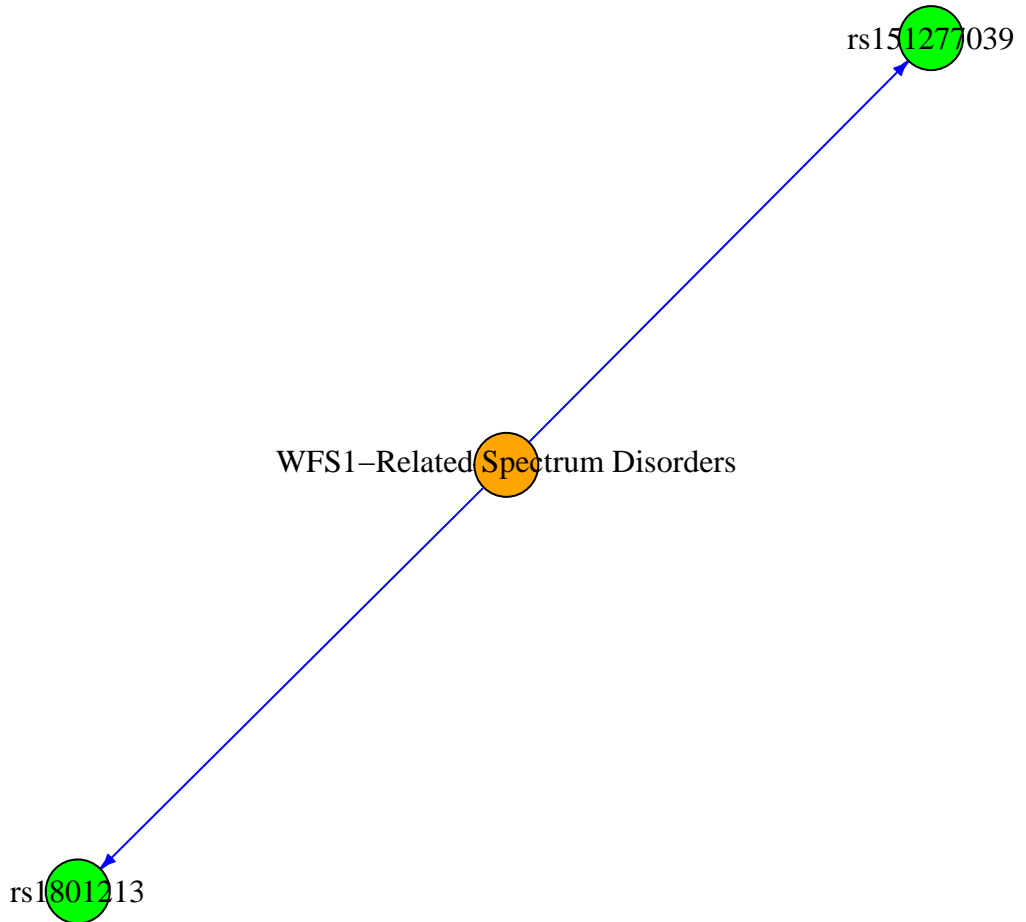
Variant–Disease Network (Weill–Marchesani syndrome 4)



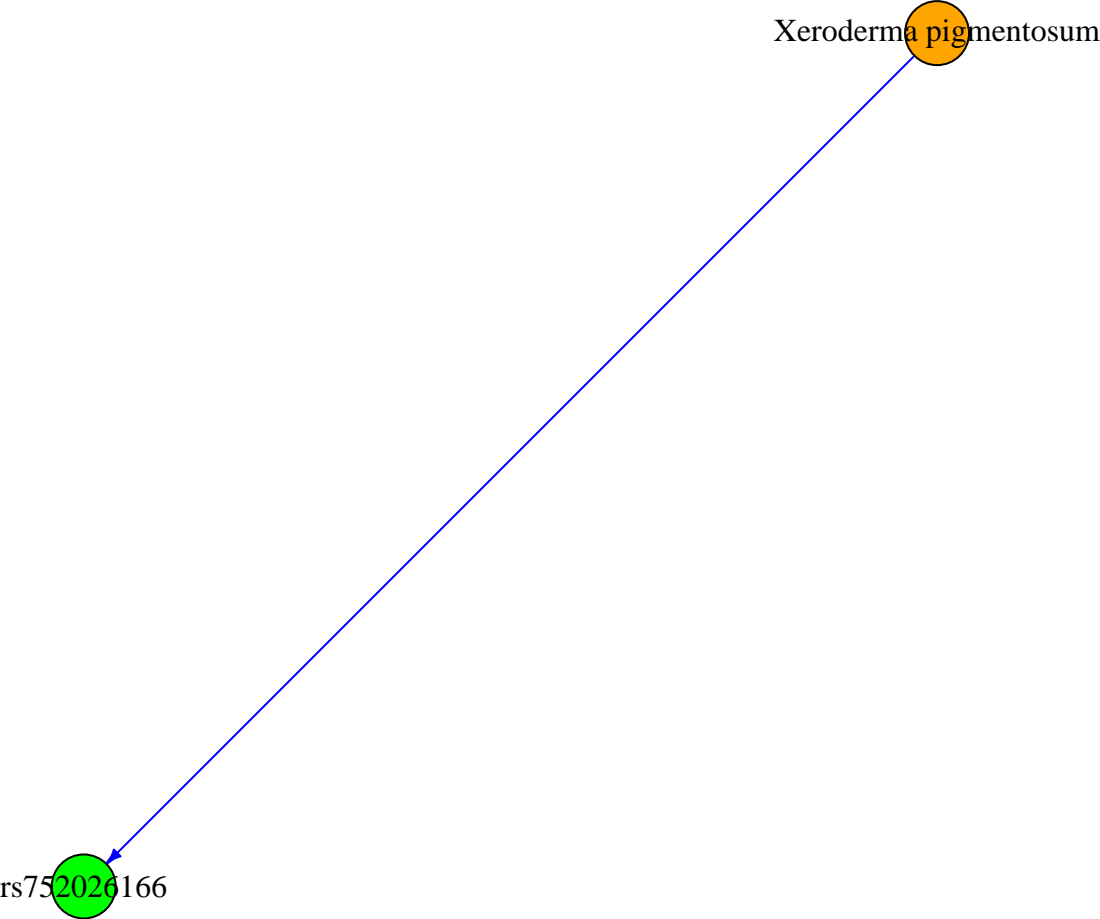
## Variant–Disease Network (Werner syndrome)



# Variant–Disease Network (WFS1–Related Spectrum Disorders)



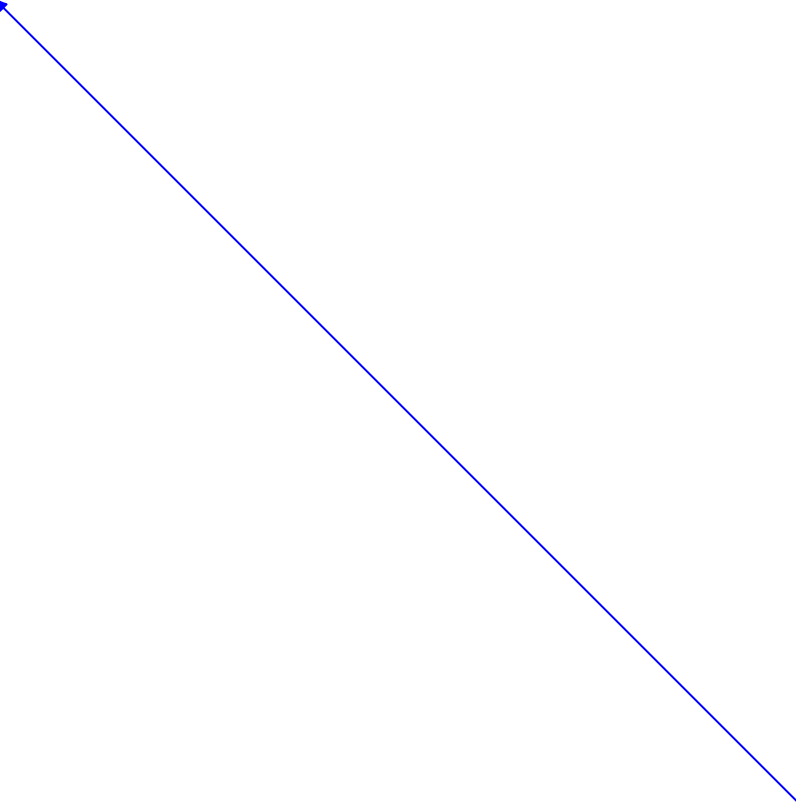
Variant–Disease Network (Xeroderma pigmentosum)



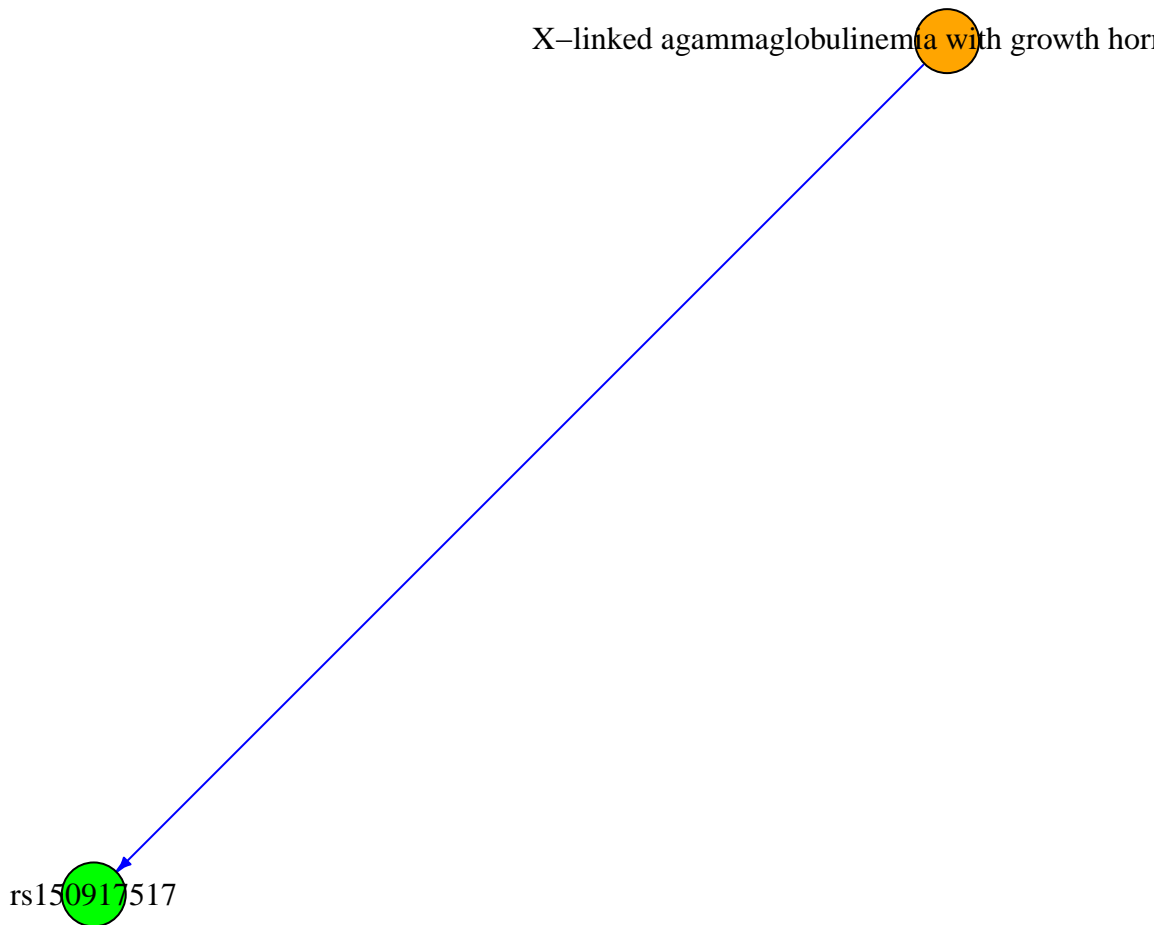
## Variant–Disease Network (X-linked agammaglobulinemia)

rs128621199

X-linked agammaglobulinemia

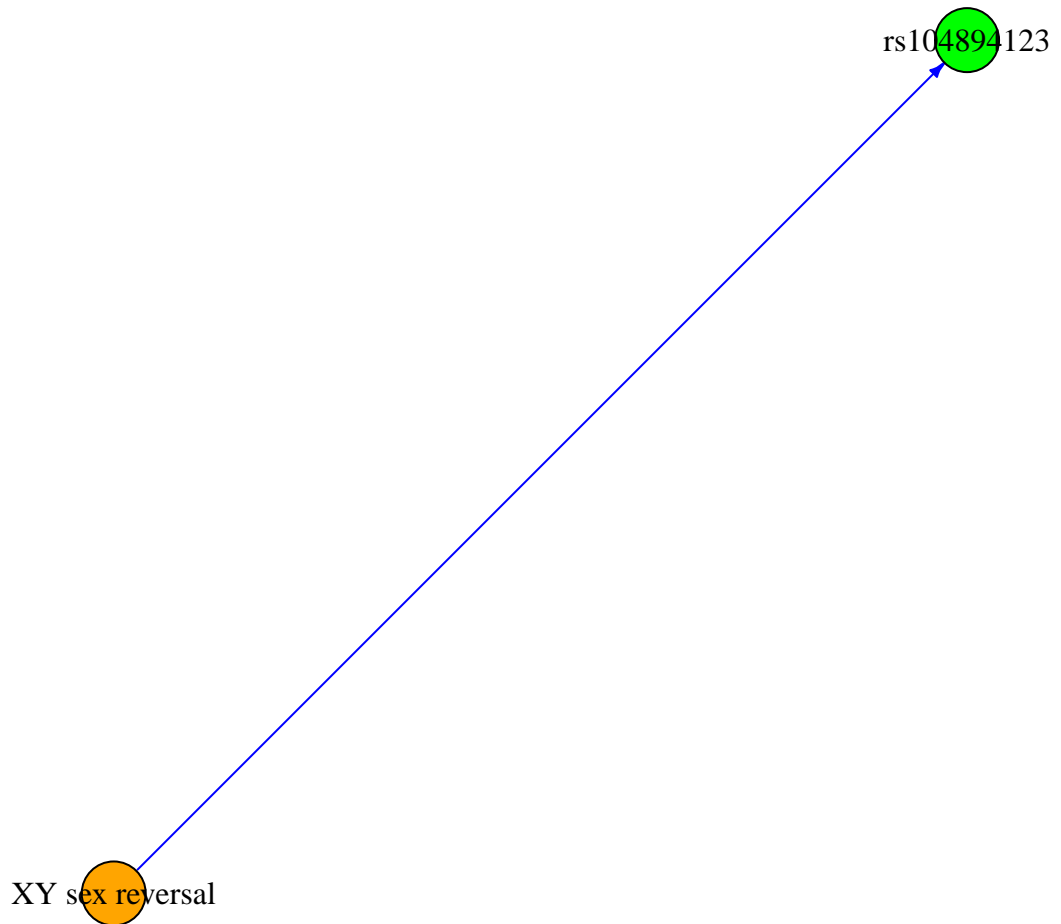


# nt-Disease Network (X-linked agammaglobulinemia with growth hormone d





# Variant-Disease Network (XY sex reversal)



## Variant–Disease Network (Alcohol consumption)

rs7640



```
graph LR; A((Alcohol consumption)) --> B((rs7640))
```

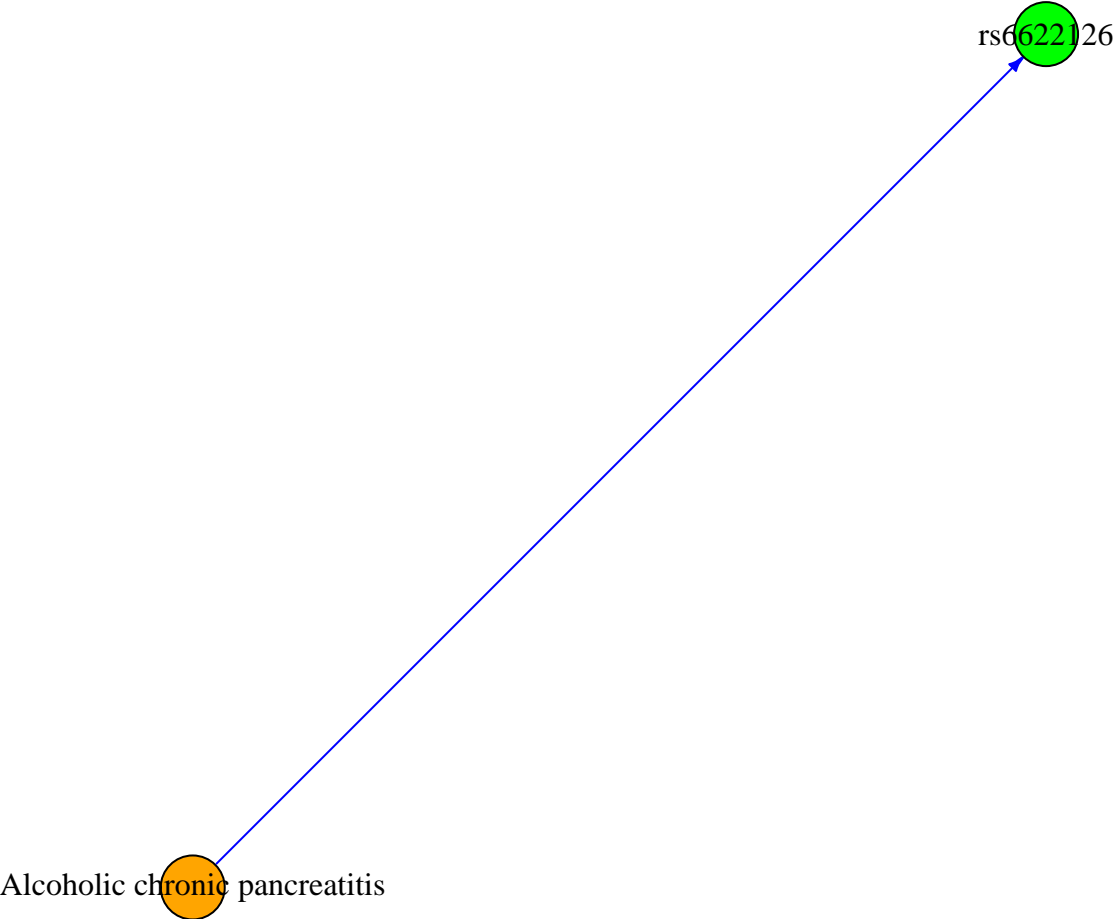
A green circular node with a black outline, containing the text 'rs7640'.

Alcohol consumption



An orange circular node with a black outline, containing the text 'Alcohol consumption'.

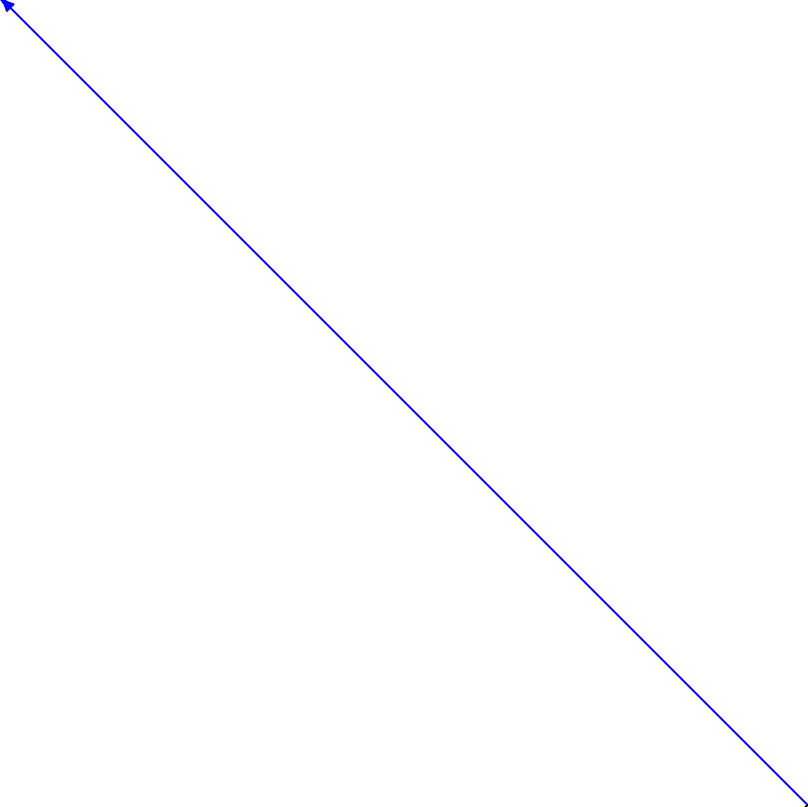
**Variant–Disease Network (Alcoholic chronic pancreatitis)**



## Variant-Disease Network (Apolipoprotein A1 levels)

rs3814883

Apolipoprotein A1 levels

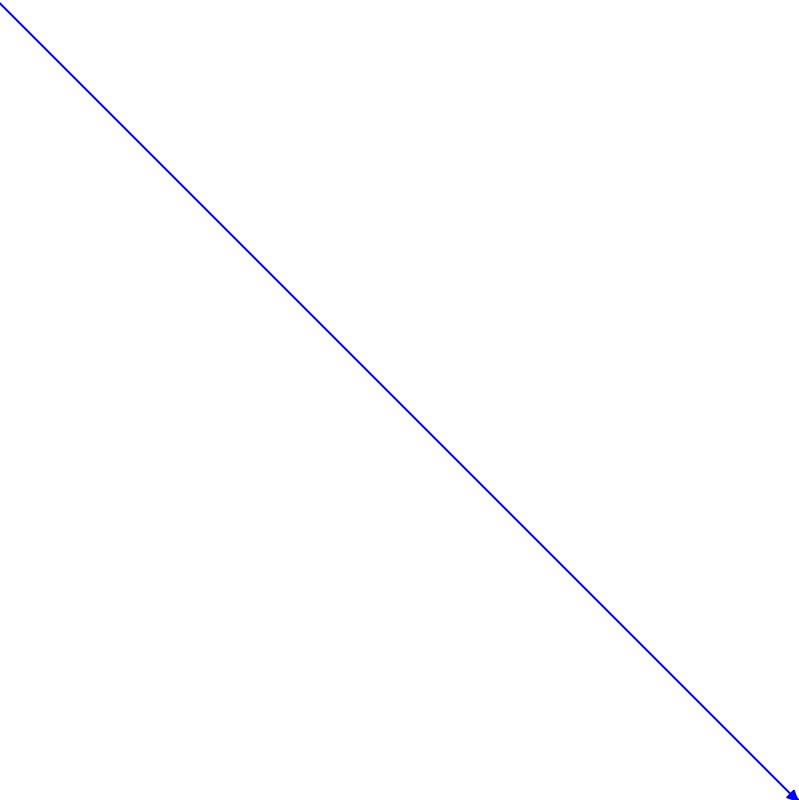


# Variant–Disease Network (Autism spectrum disorder or schizophrenia)

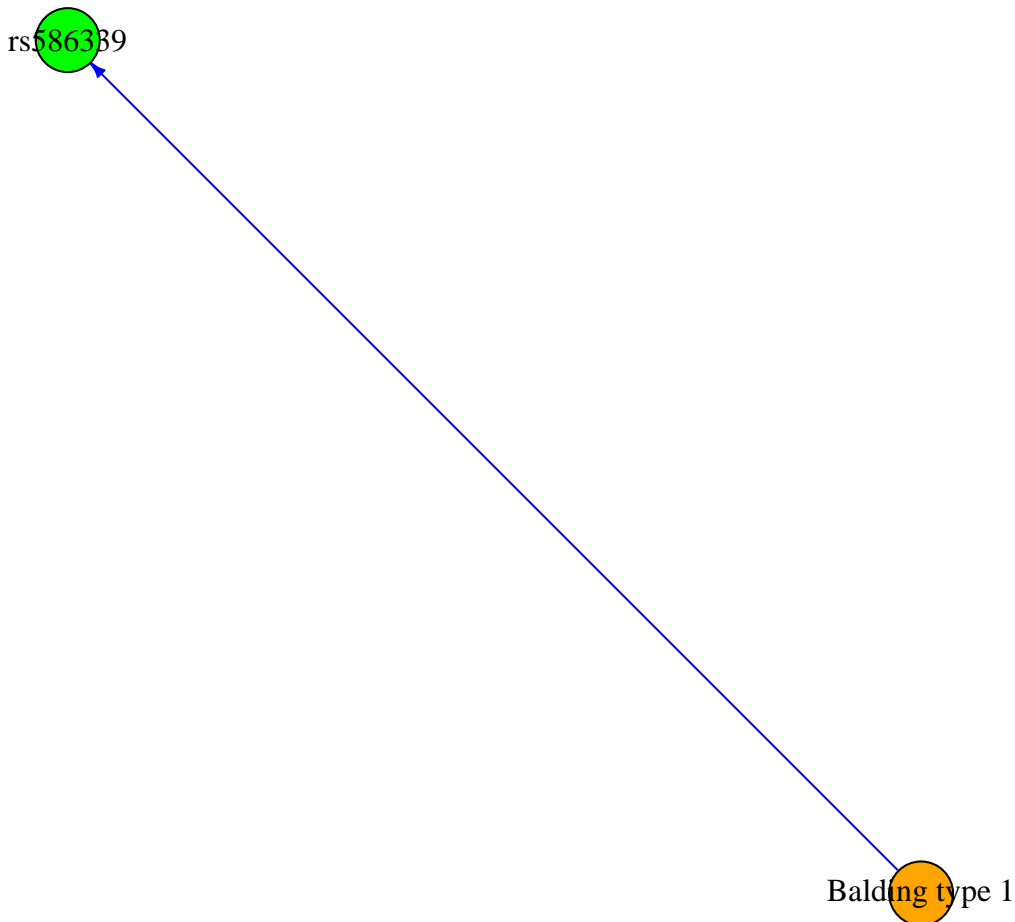
Autism spectrum disorder or schizophrenia



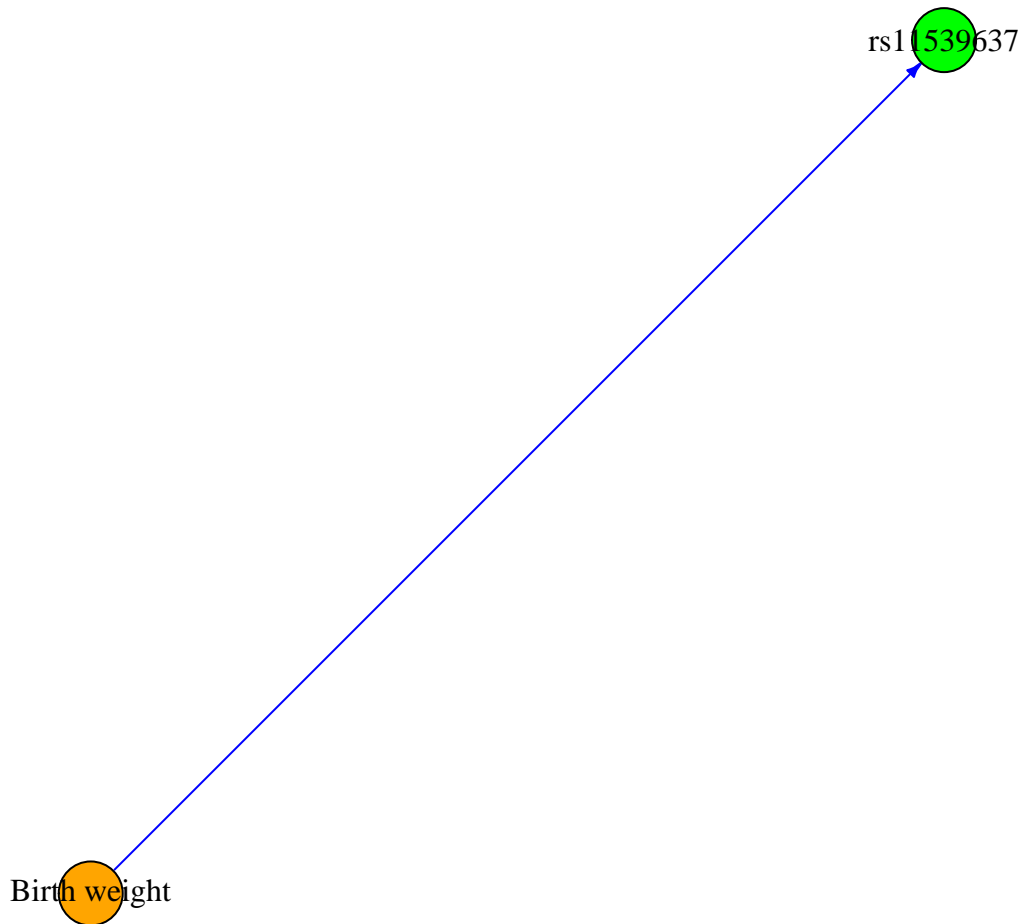
rs3617



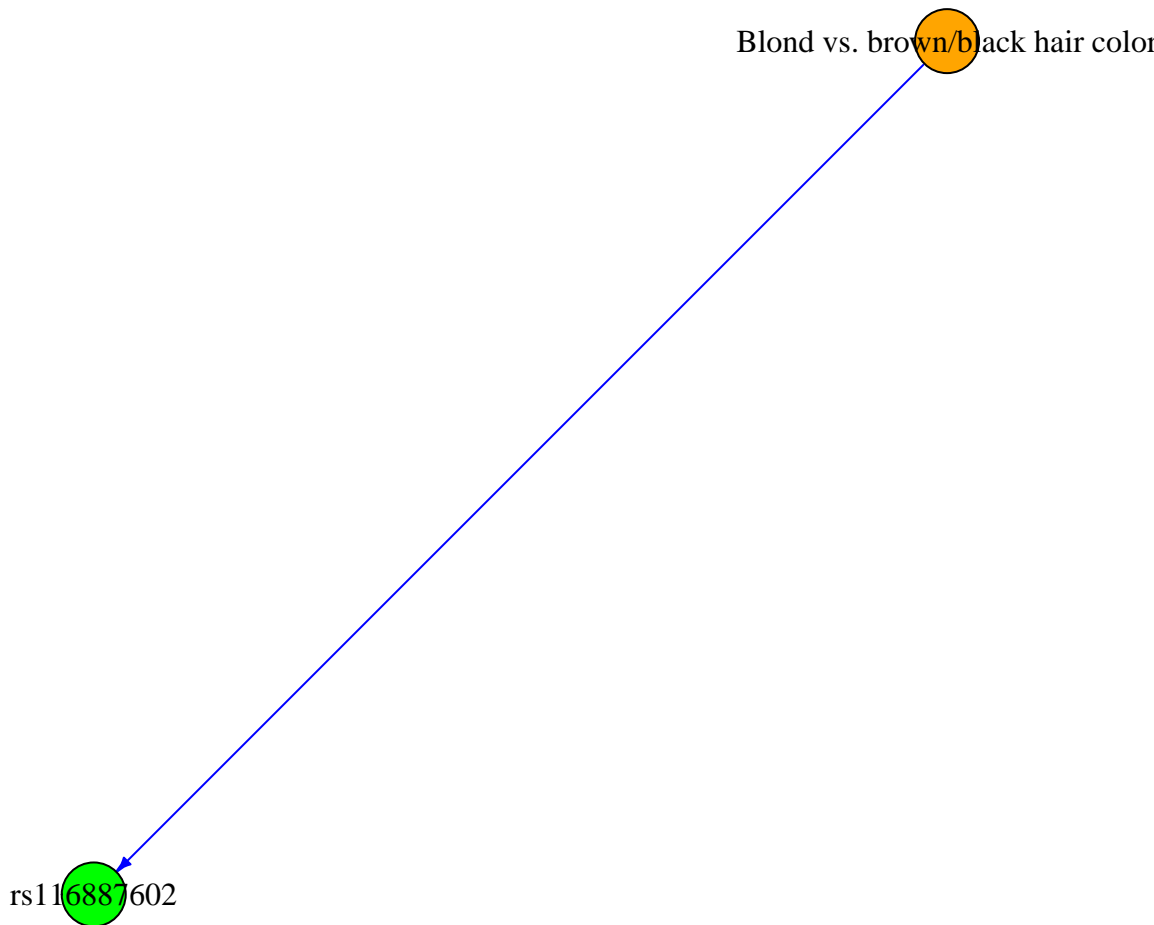
## Variant–Disease Network (Balding type 1)



## Variant–Disease Network (Birth weight)

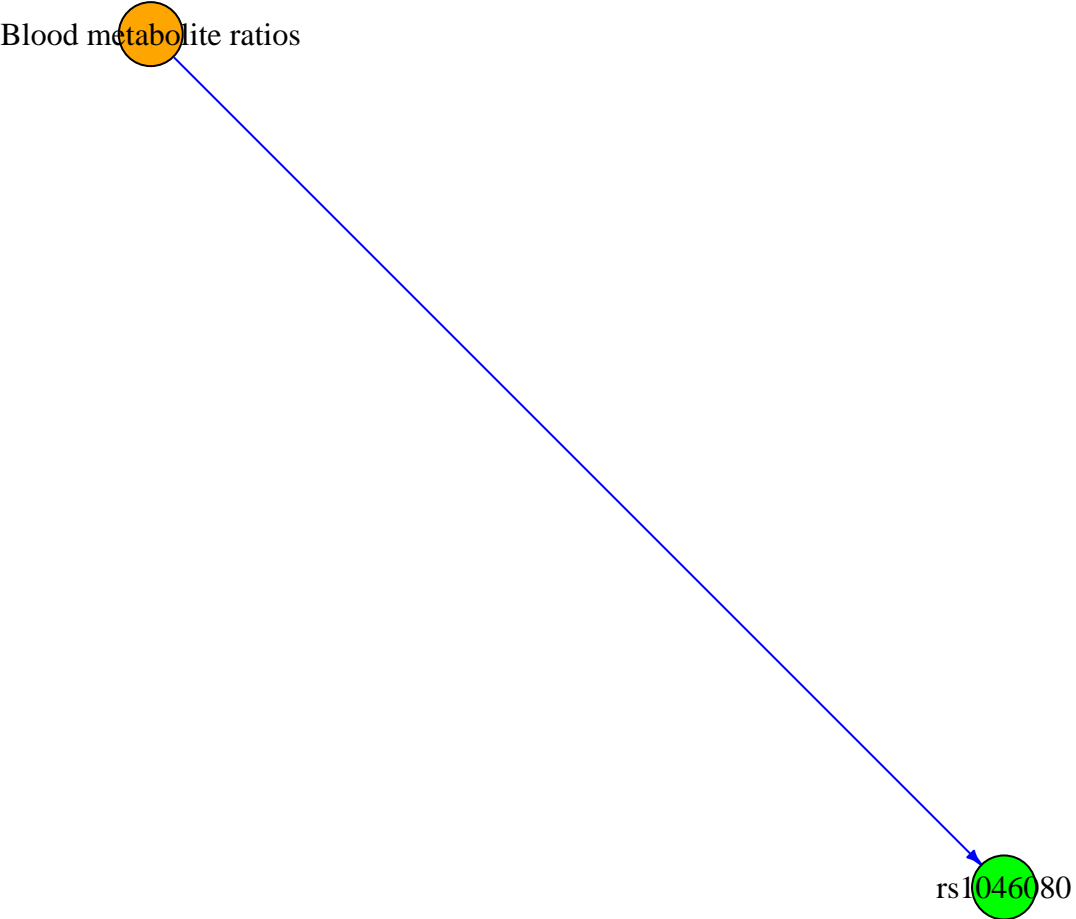


# Variant–Disease Network (Blond vs. brown/black hair color)

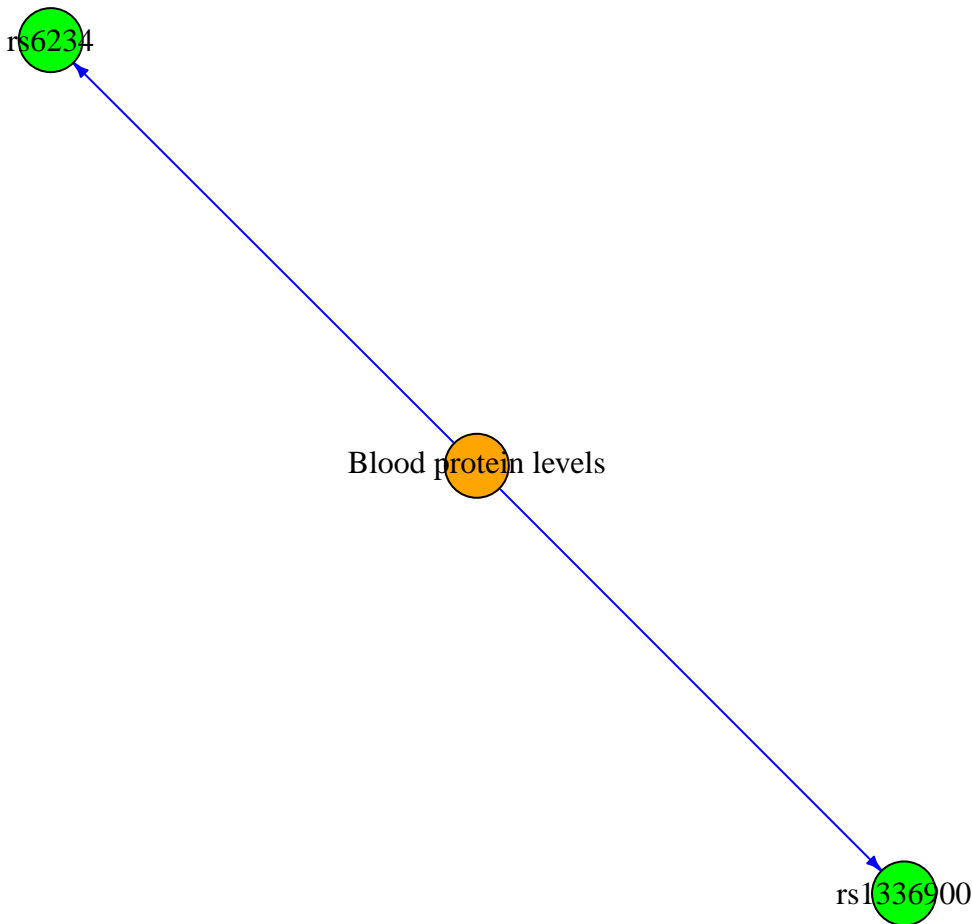




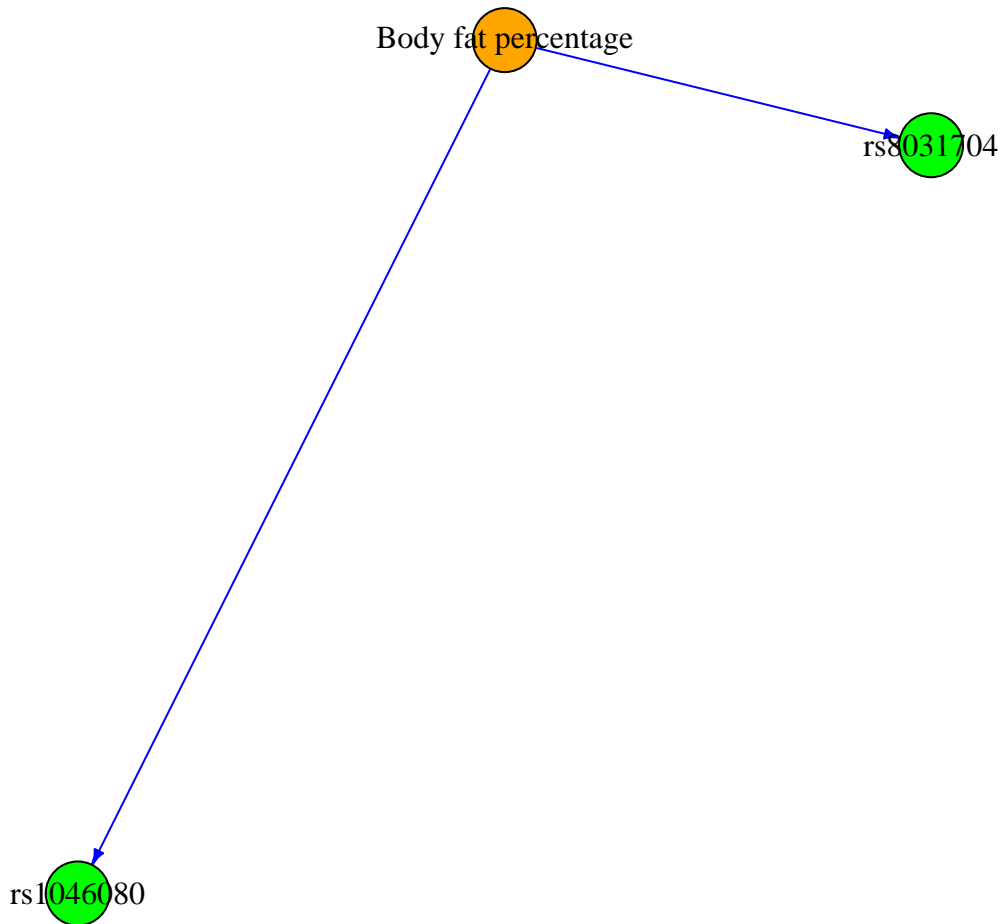
Variant–Disease Network (Blood metabolite ratios)



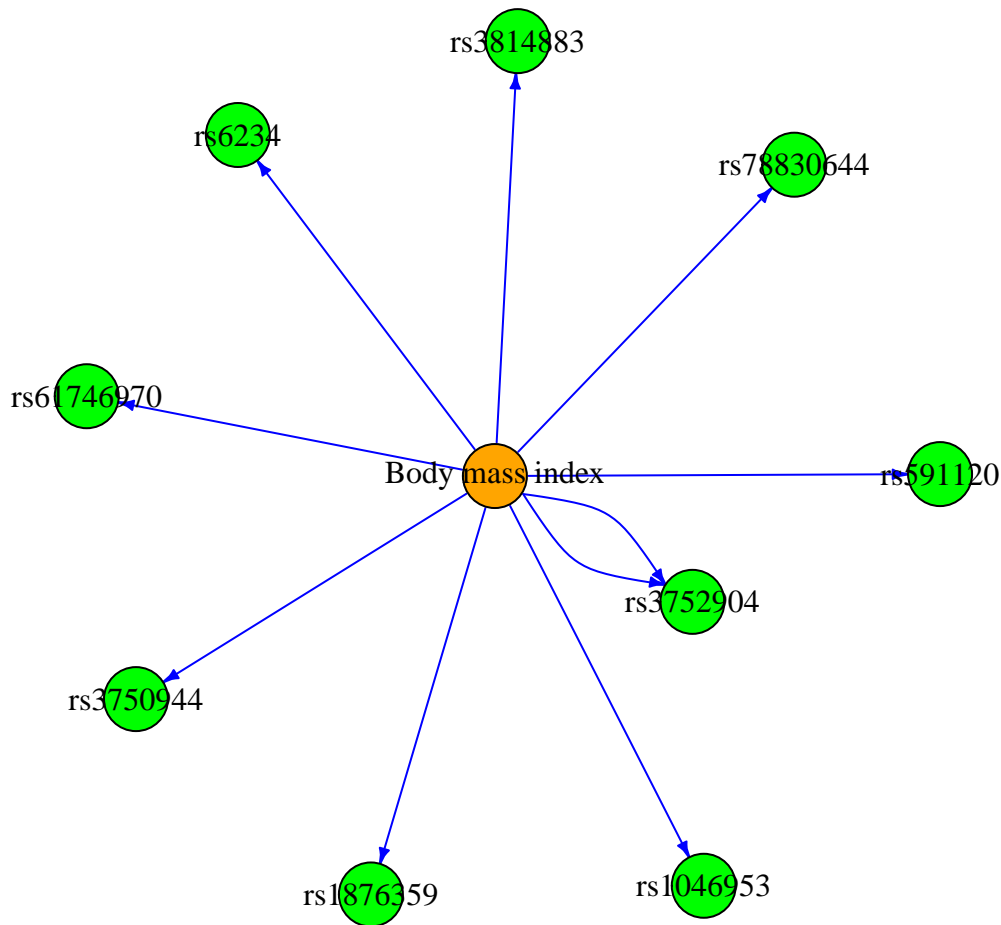
## Variant–Disease Network (Blood protein levels)



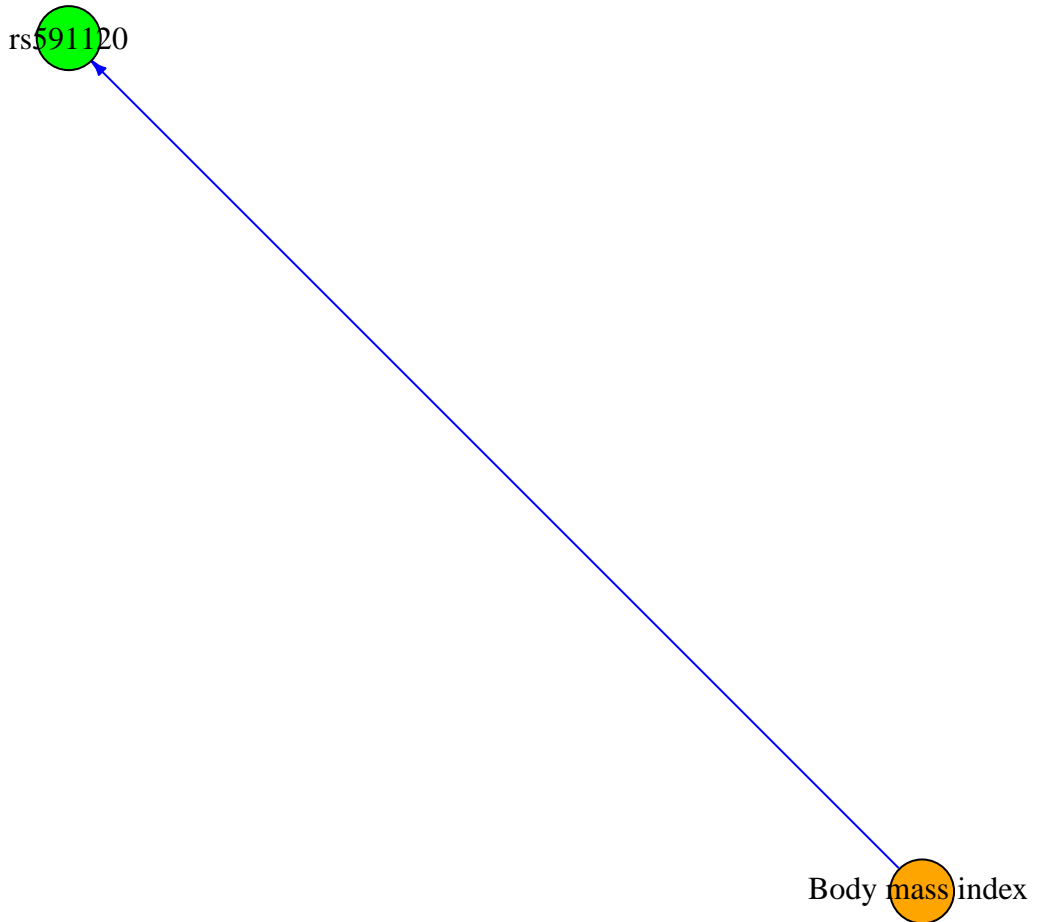
## Variant–Disease Network (Body fat percentage)



## Variant–Disease Network (Body mass index)

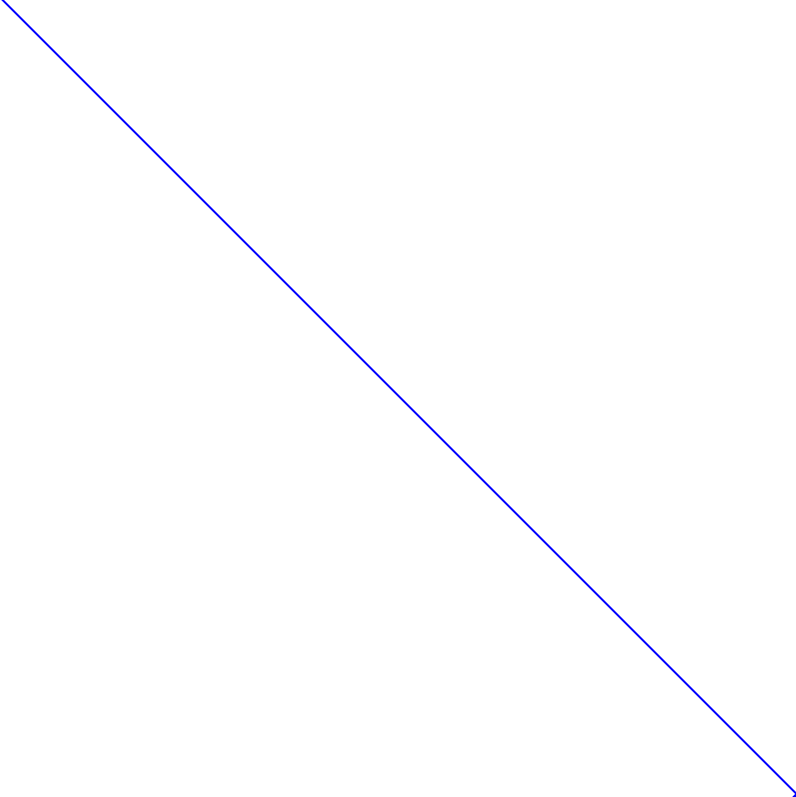


## Variant–Disease Network (Body mass index )



# Variant–Disease Network (Body mass index x sex x age interaction )

Body mass index x sex x age interaction



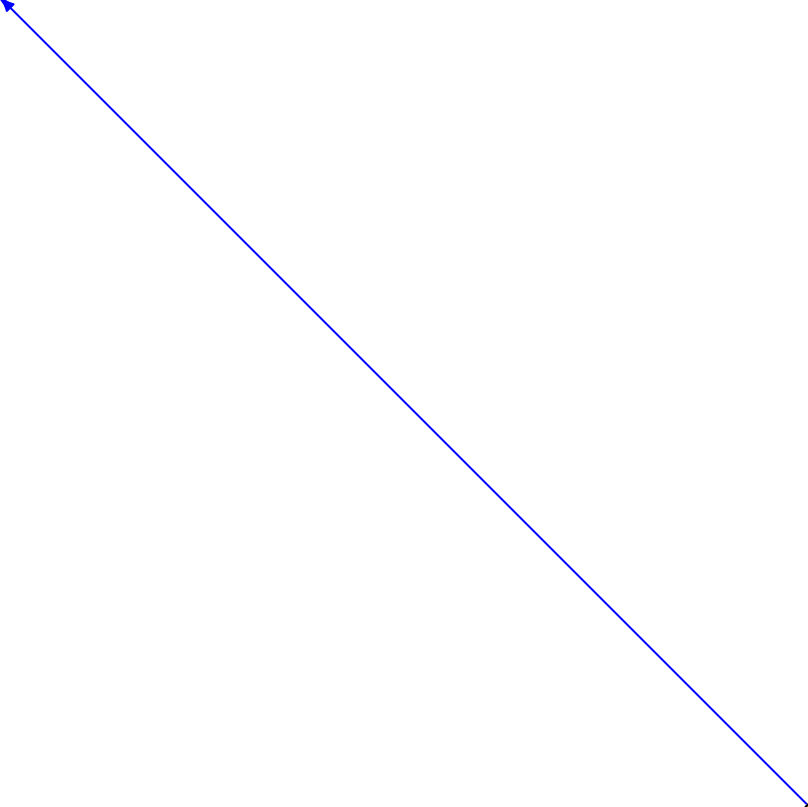
rs591120



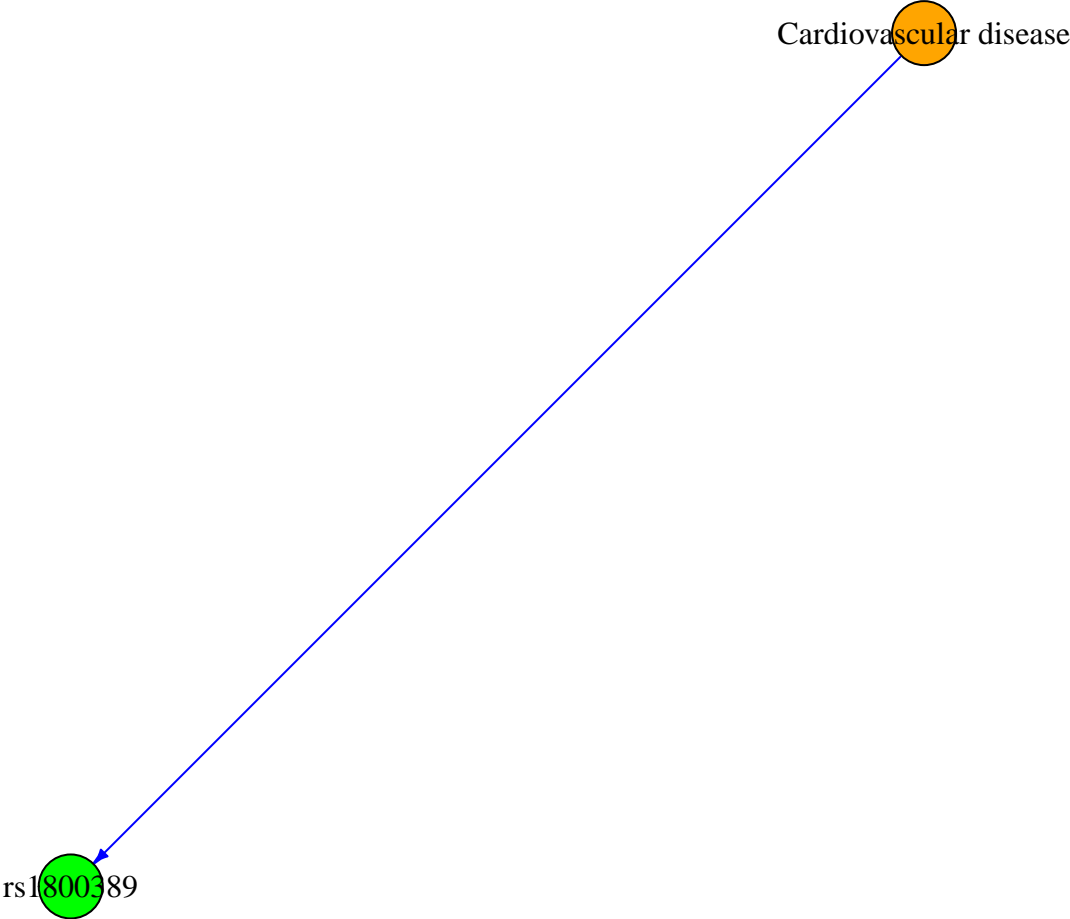
## Variant–Disease Network (Brain region volumes)

rs3741280

Brain region volumes

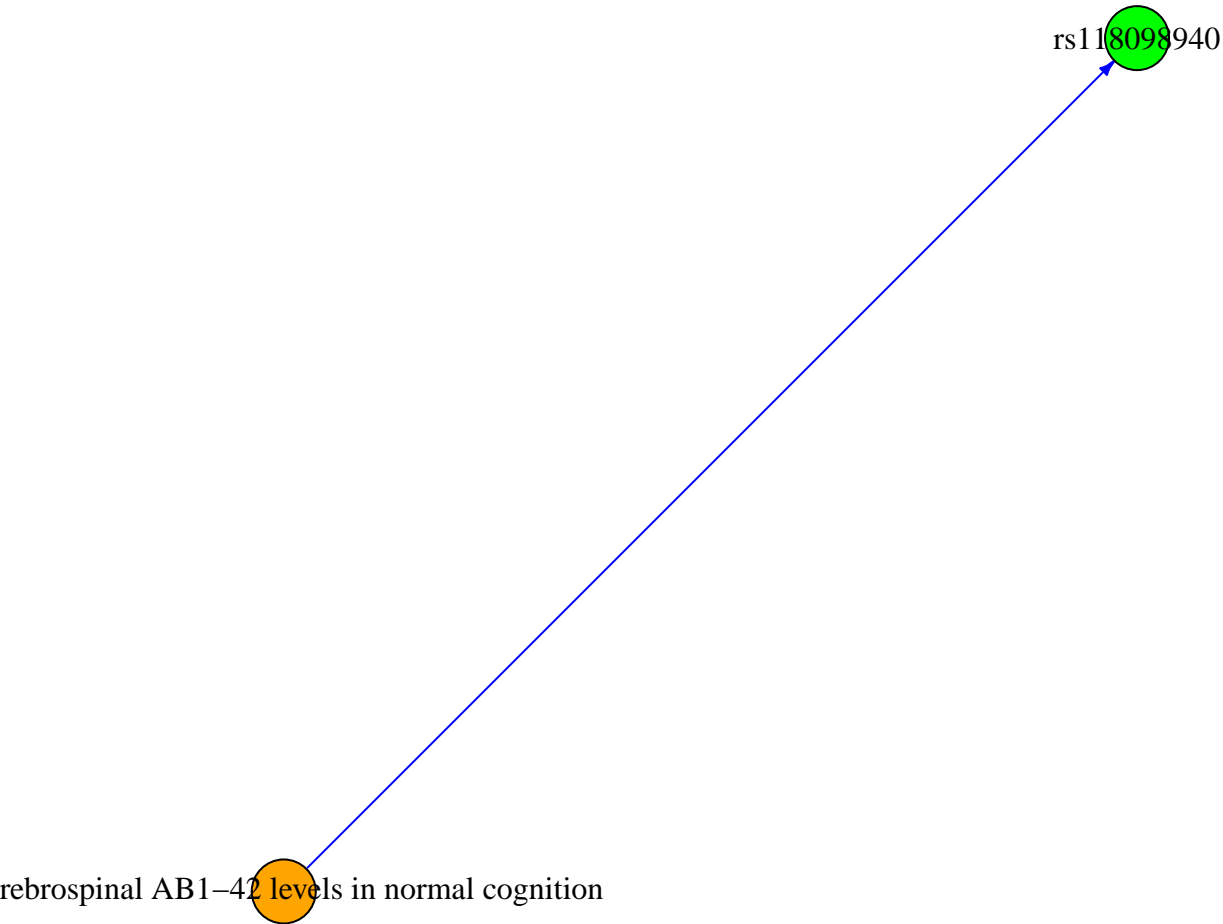


**Variant–Disease Network (Cardiovascular disease)**



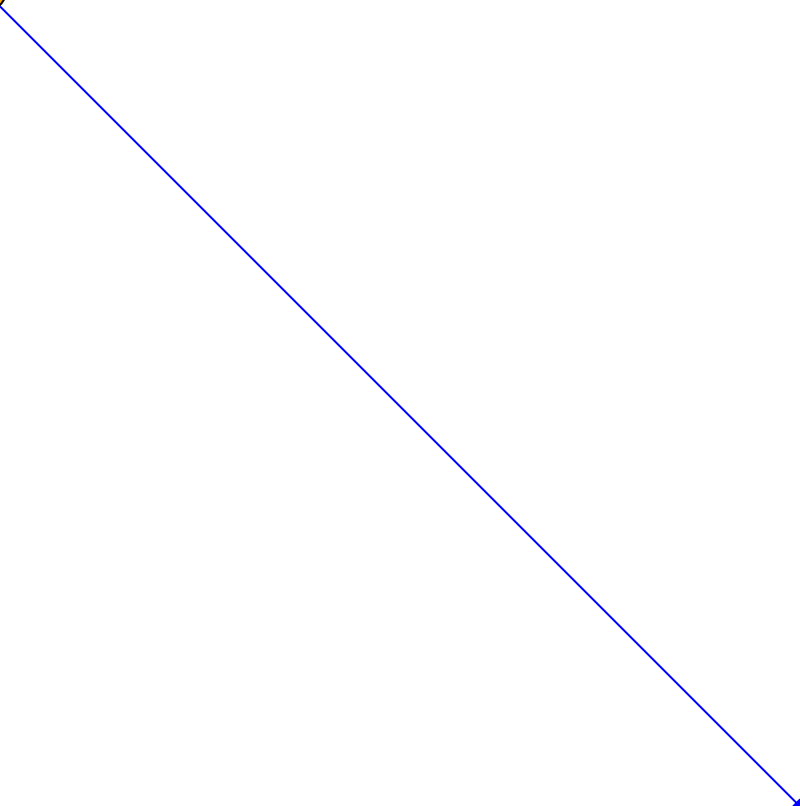


Variant–Disease Network (Cerebrospinal AB1–42 levels in normal cognition



# Variant–Disease Network (Cerebrospinal fluid t-tau:AB1–42 ratio)

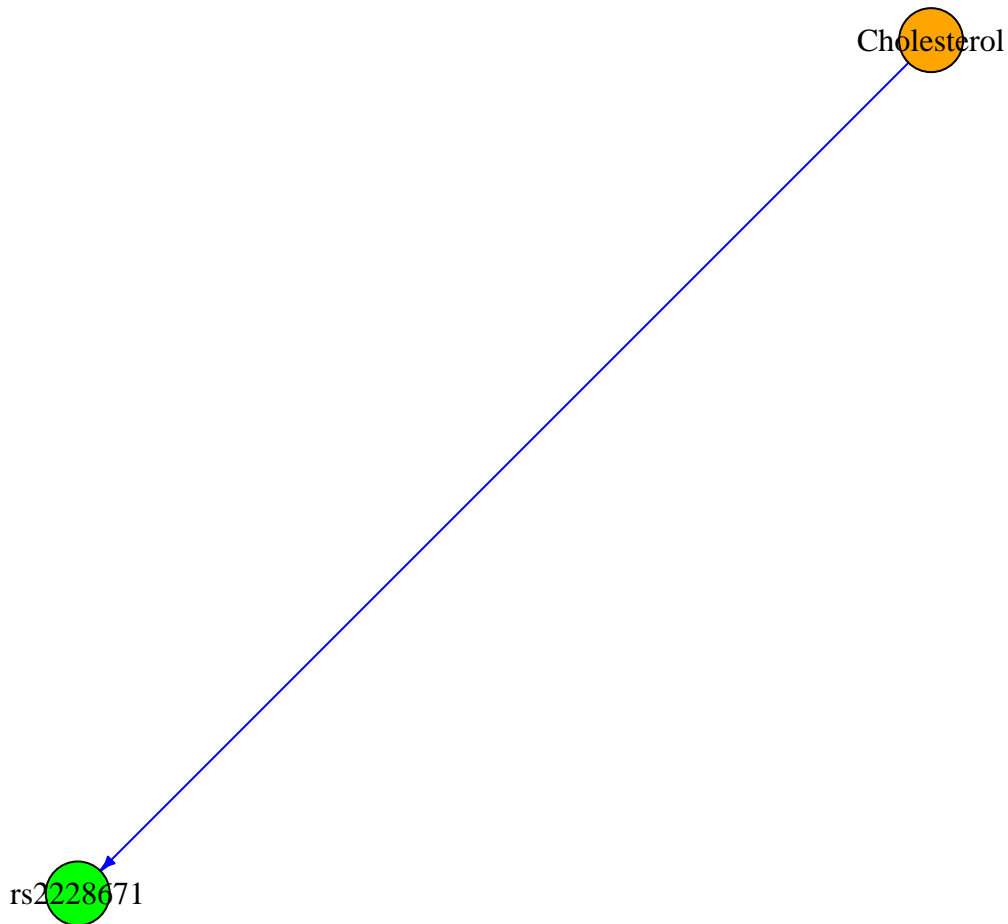
Cerebrospinal fluid t-tau:AB1–42 ratio



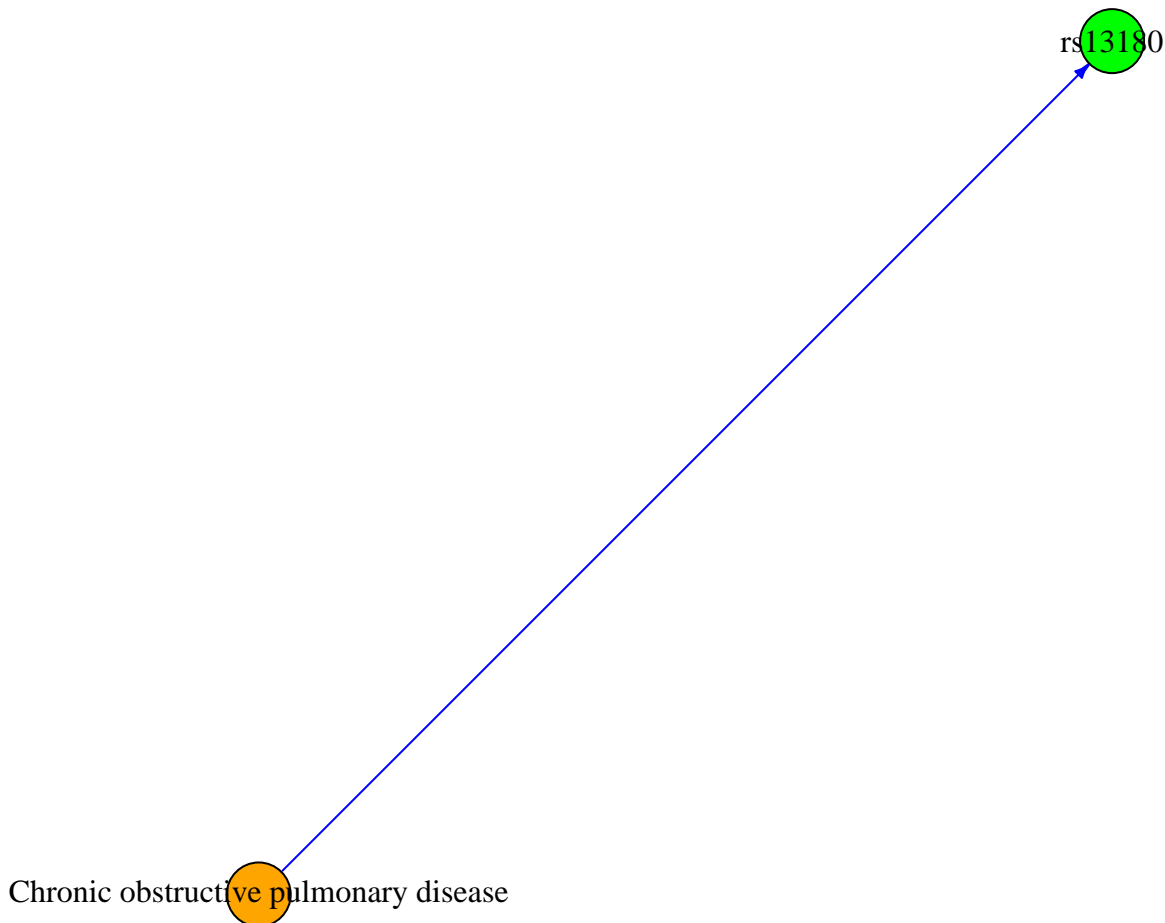
rs2280301



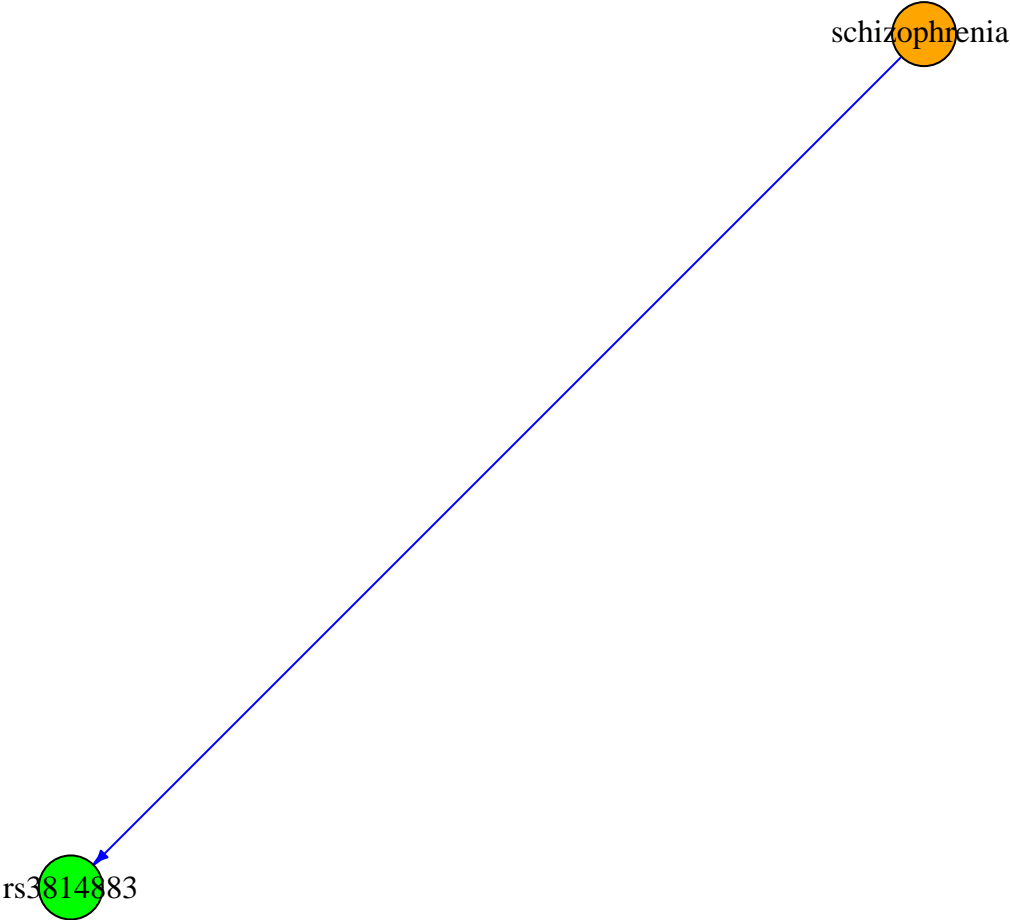
## Variant-Disease Network (Cholesterol)



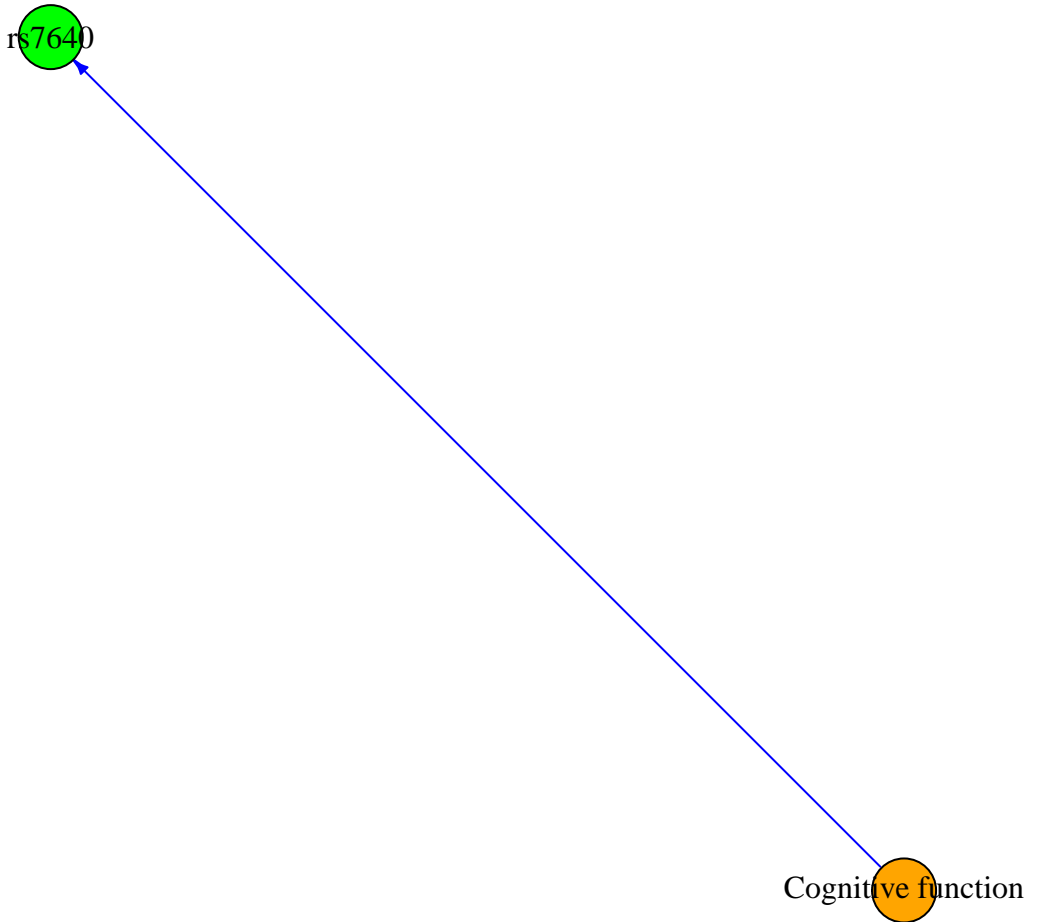
# Variant–Disease Network (Chronic obstructive pulmonary disease)



Variant–Disease Network (schizophrenia )



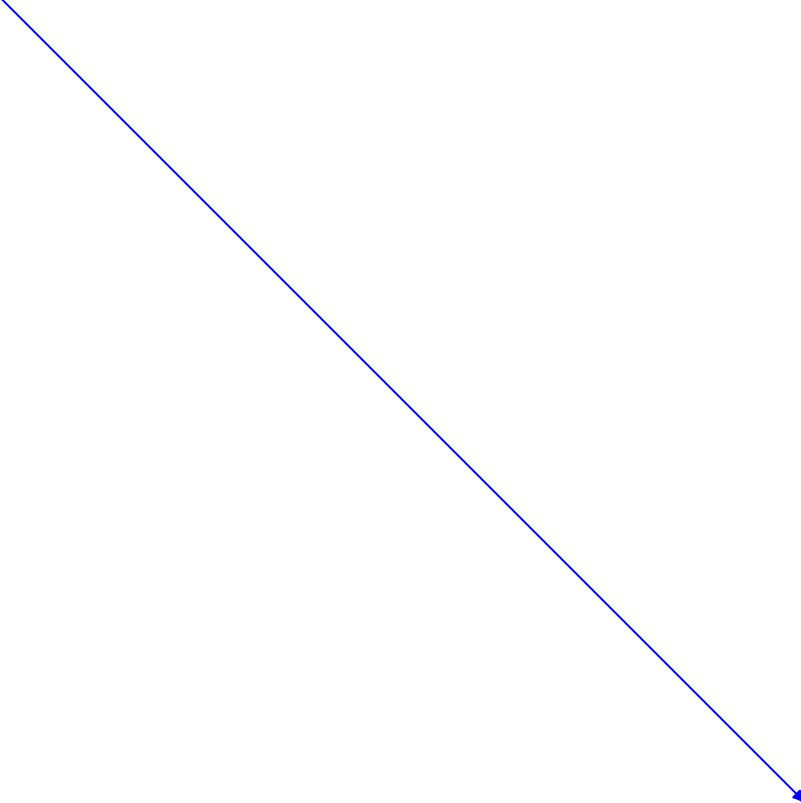
## Variant–Disease Network (Cognitive function)



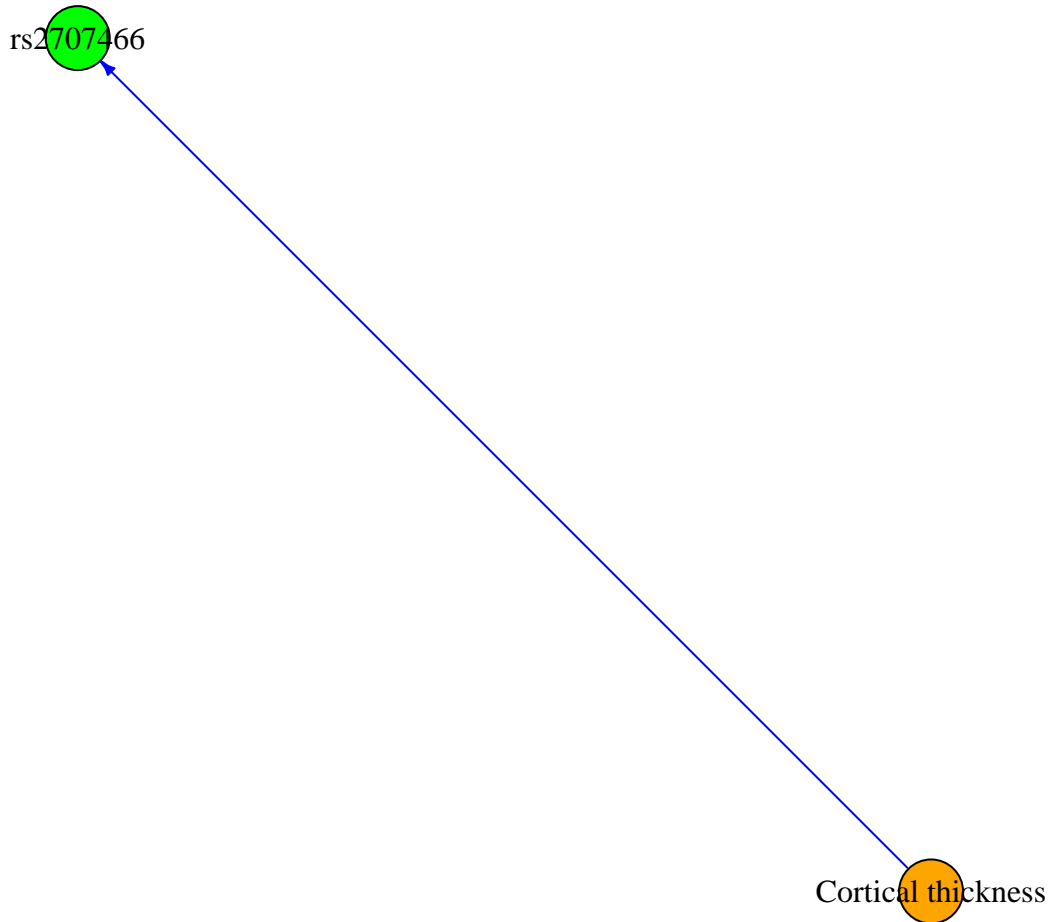
## Variant-Disease Network (Coronary artery disease)

Coronary artery disease

rs1801251

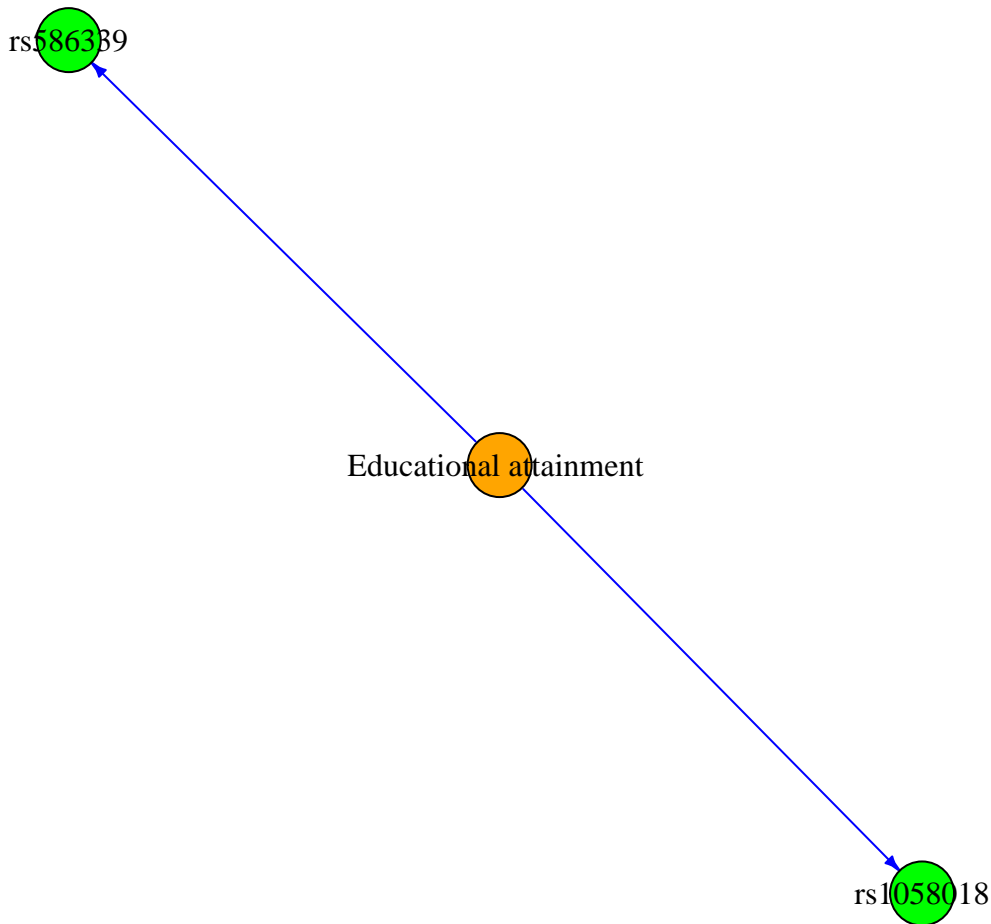


## Variant–Disease Network (Cortical thickness)

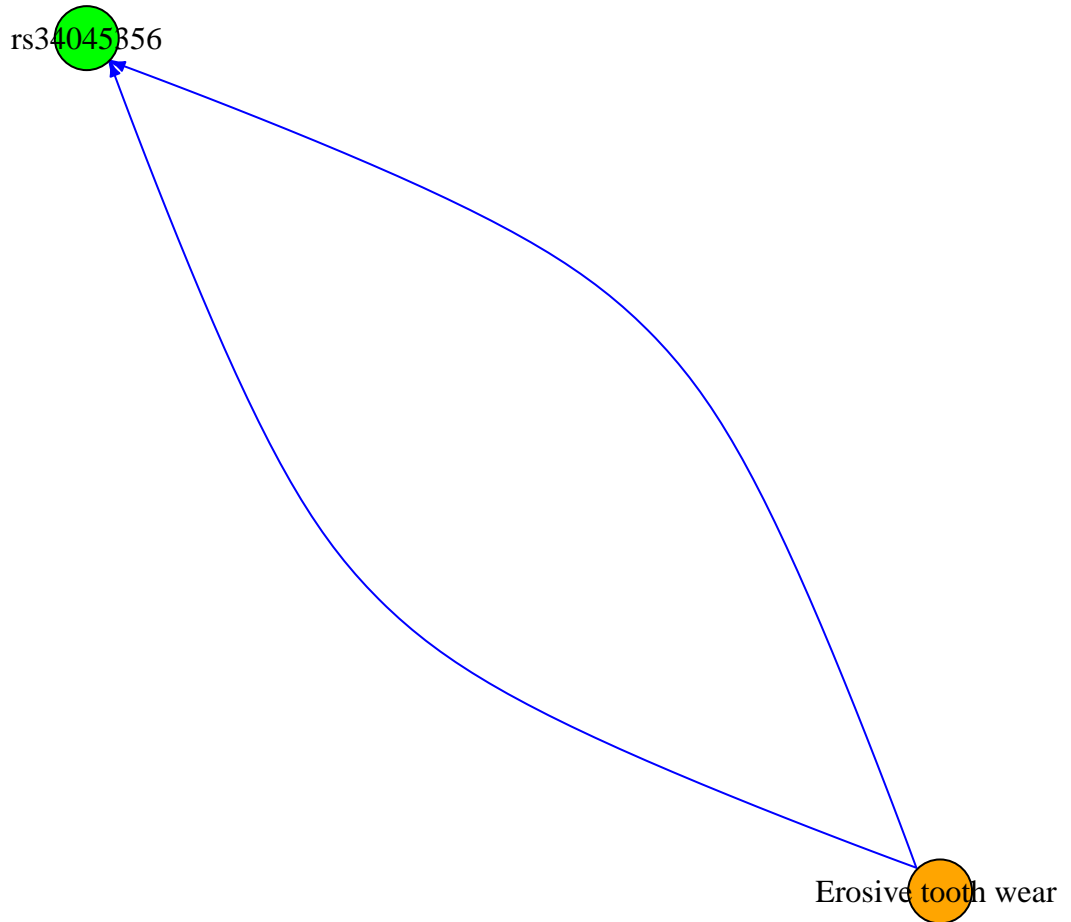




# Variant–Disease Network (Educational attainment )

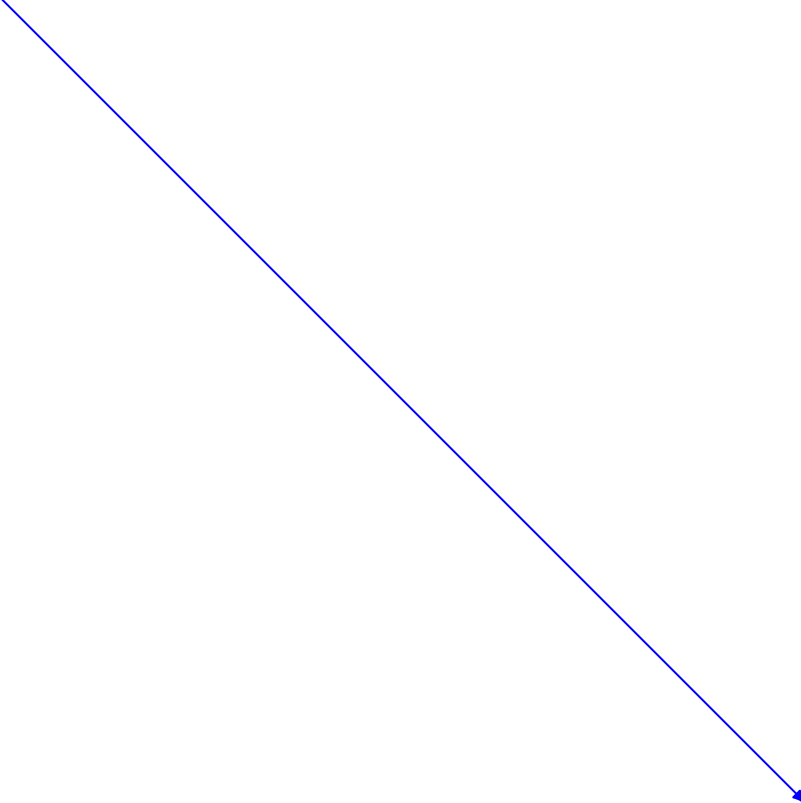


## Variant-Disease Network (Erosive tooth wear )



# Variant–Disease Network (Estimated glomerular filtration rate)

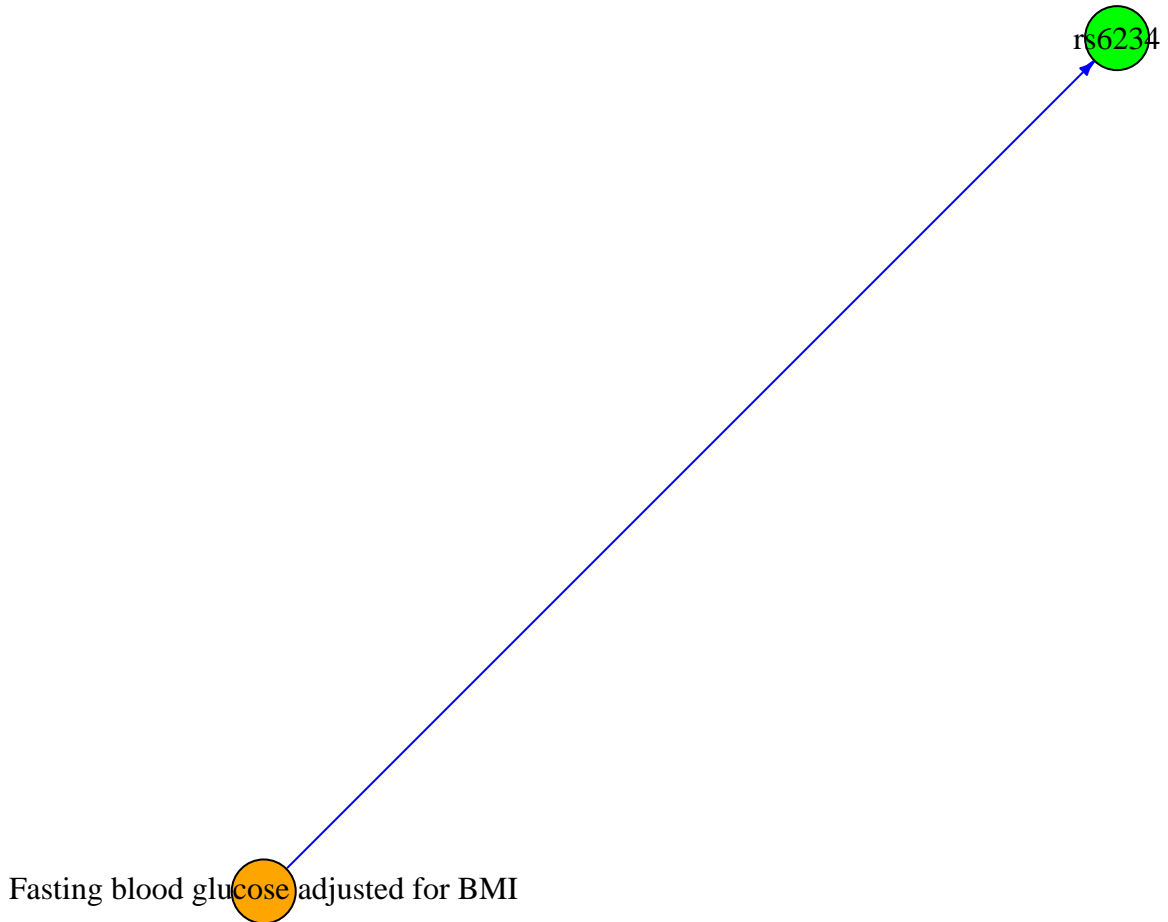
Estimated glomerular filtration rate



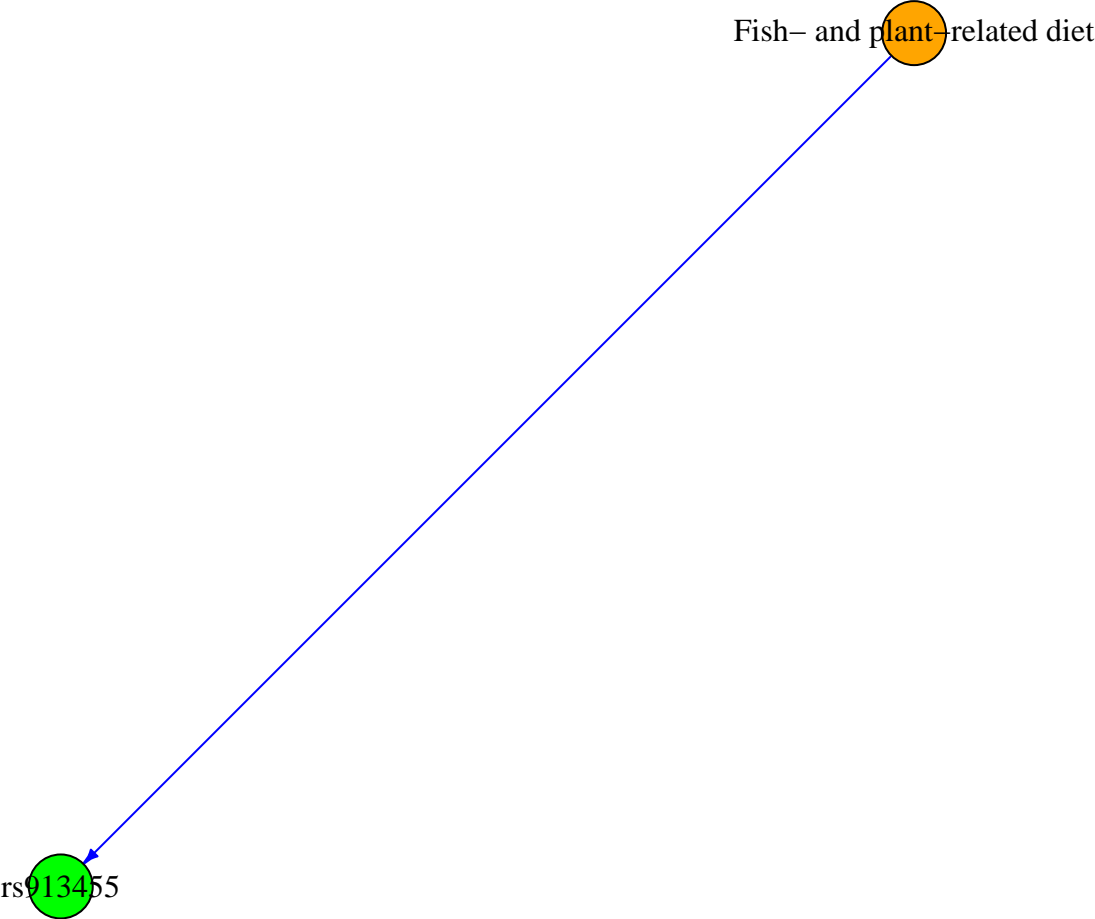
rs883541



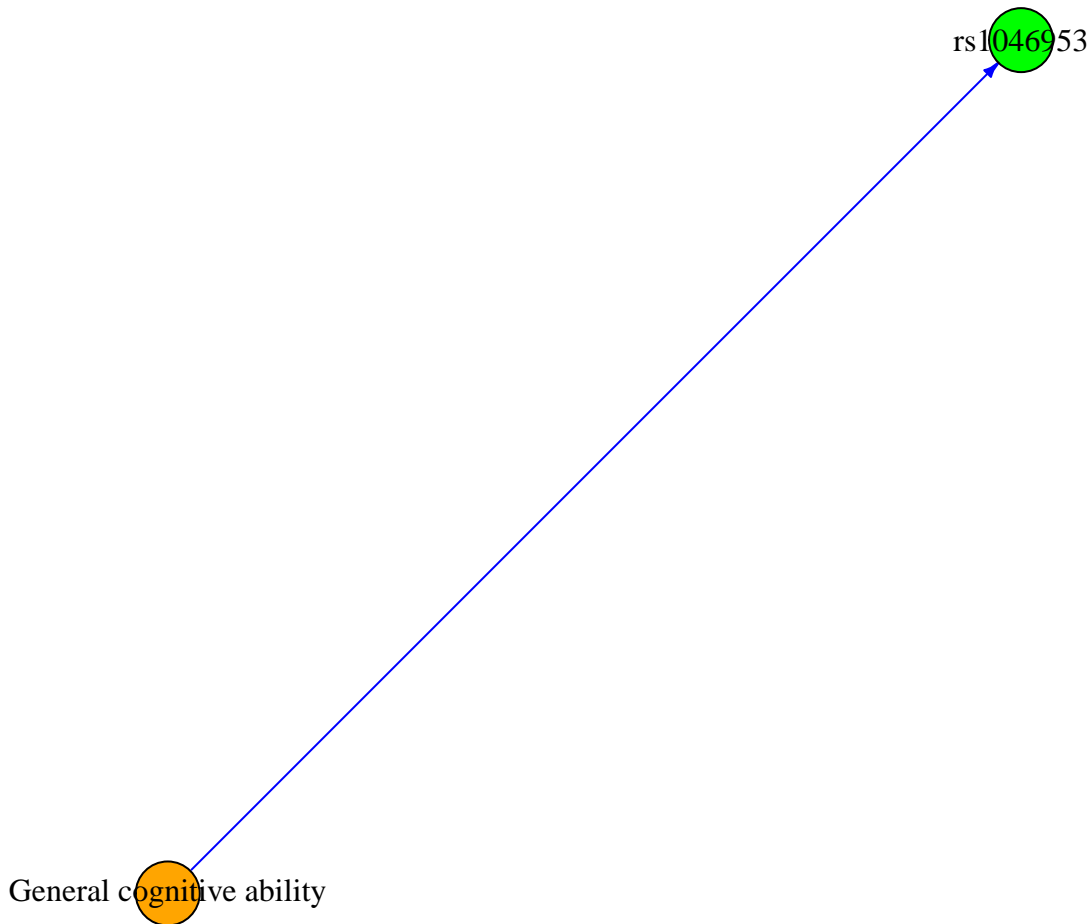
# Variant–Disease Network (Fasting blood glucose adjusted for BMI)



**Variant–Disease Network (Fish– and plant–related diet)**

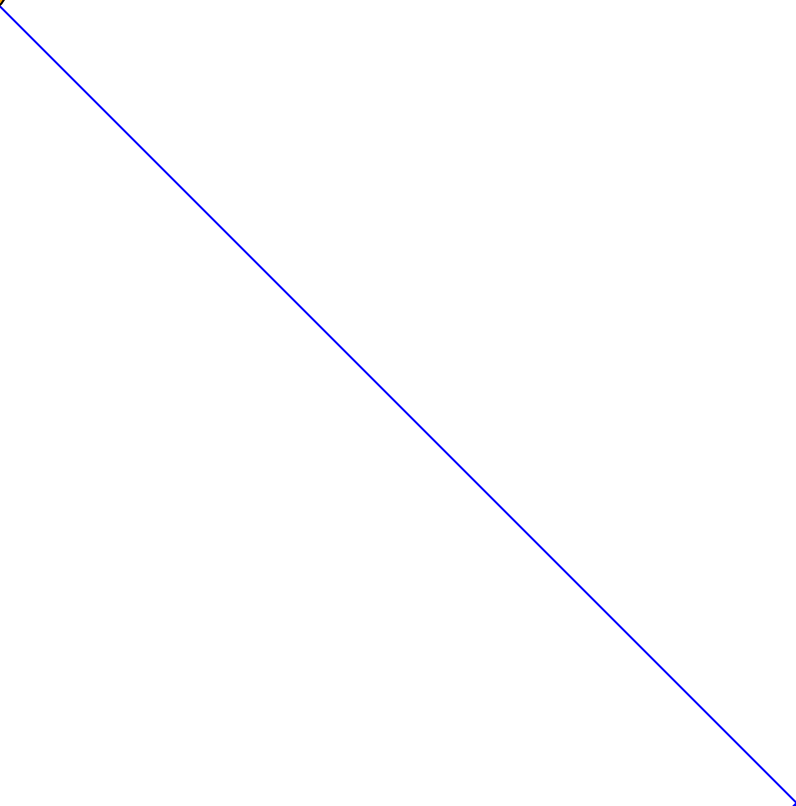


## Variant–Disease Network (General cognitive ability)



# Variant–Disease Network (Glycated hemoglobin levels)

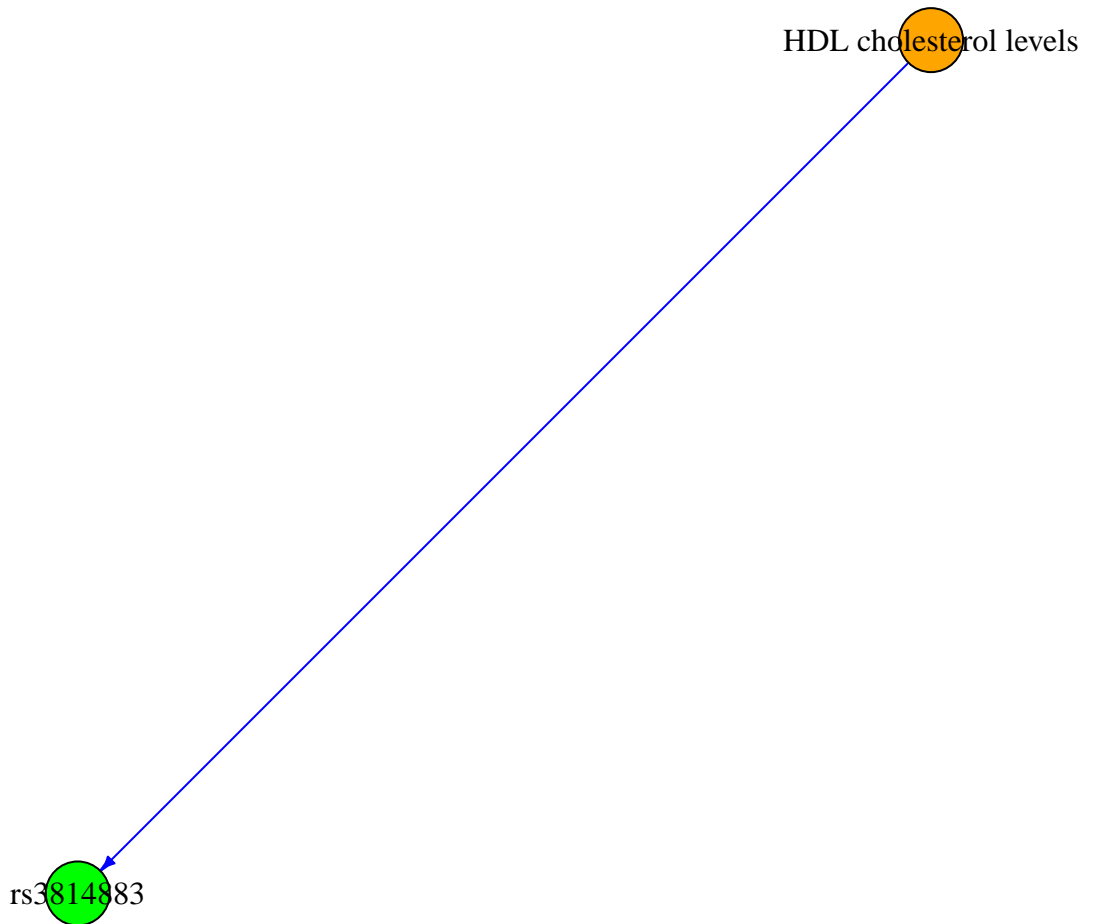
Glycated hemoglobin levels



rs4820268

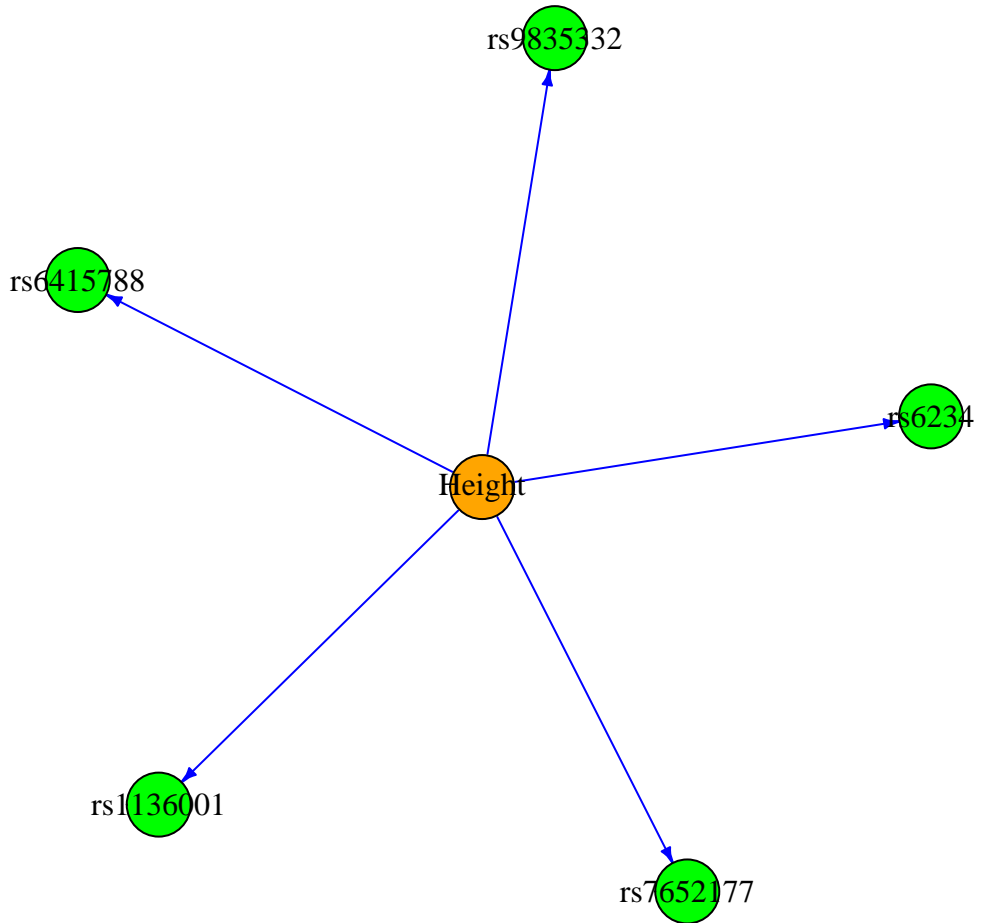


## Variant–Disease Network (HDL cholesterol levels)

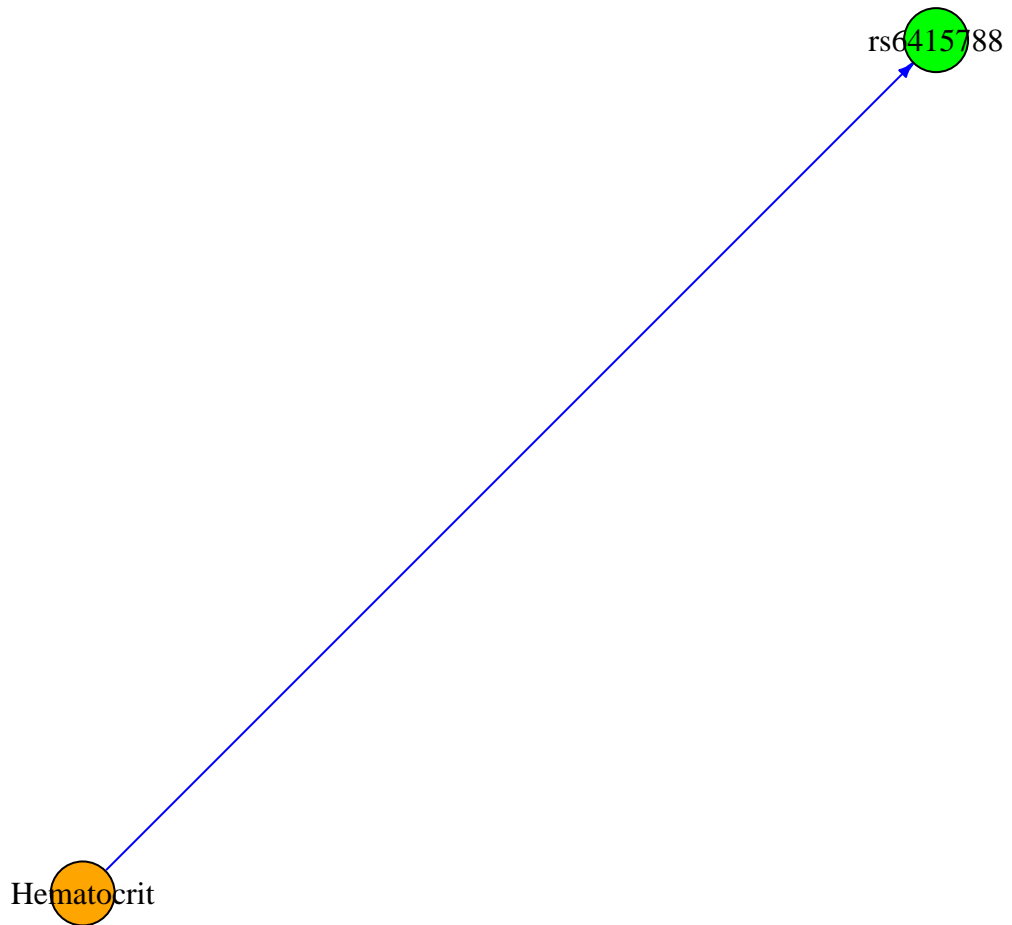




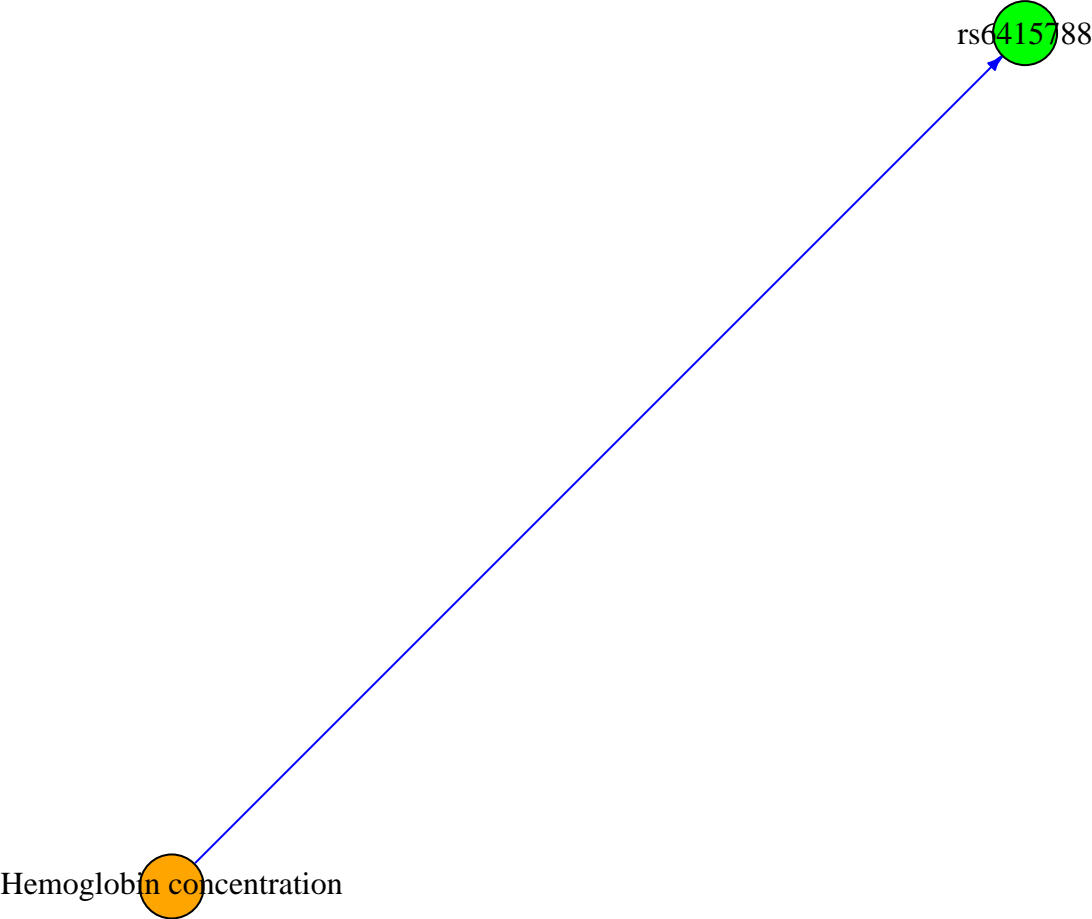
## Variant-Disease Network (Height)



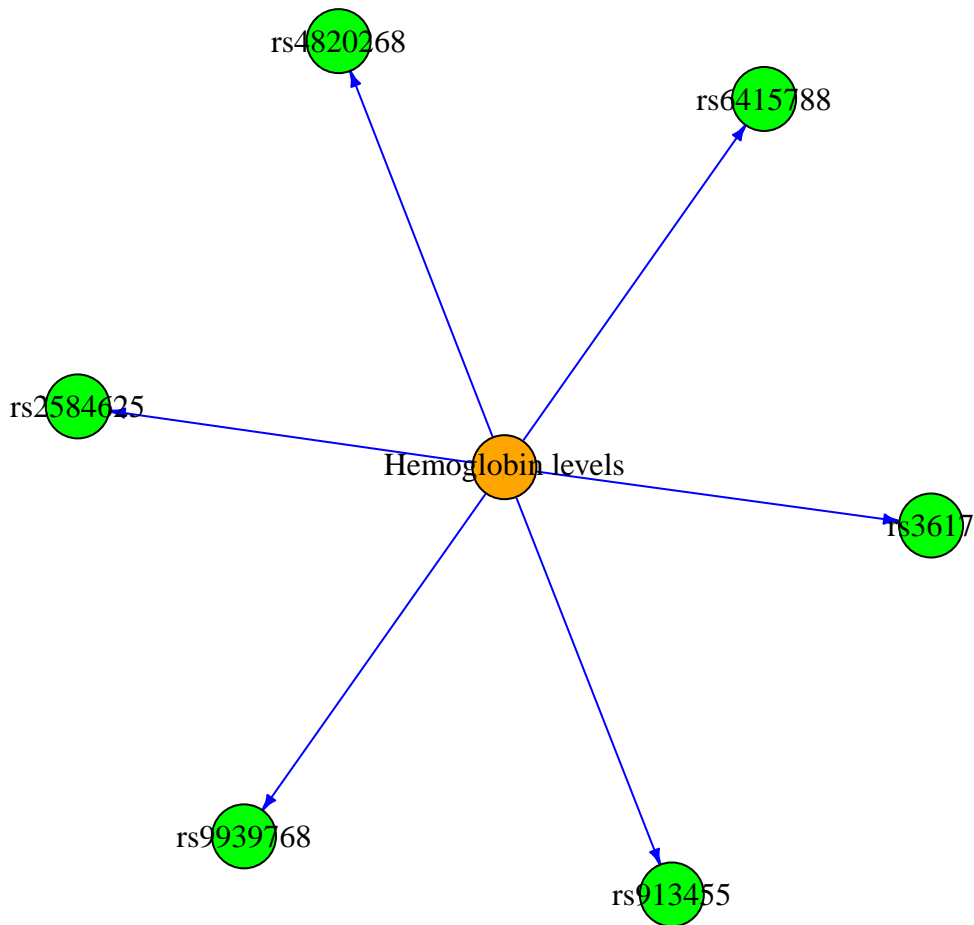
## Variant–Disease Network (Hematocrit)



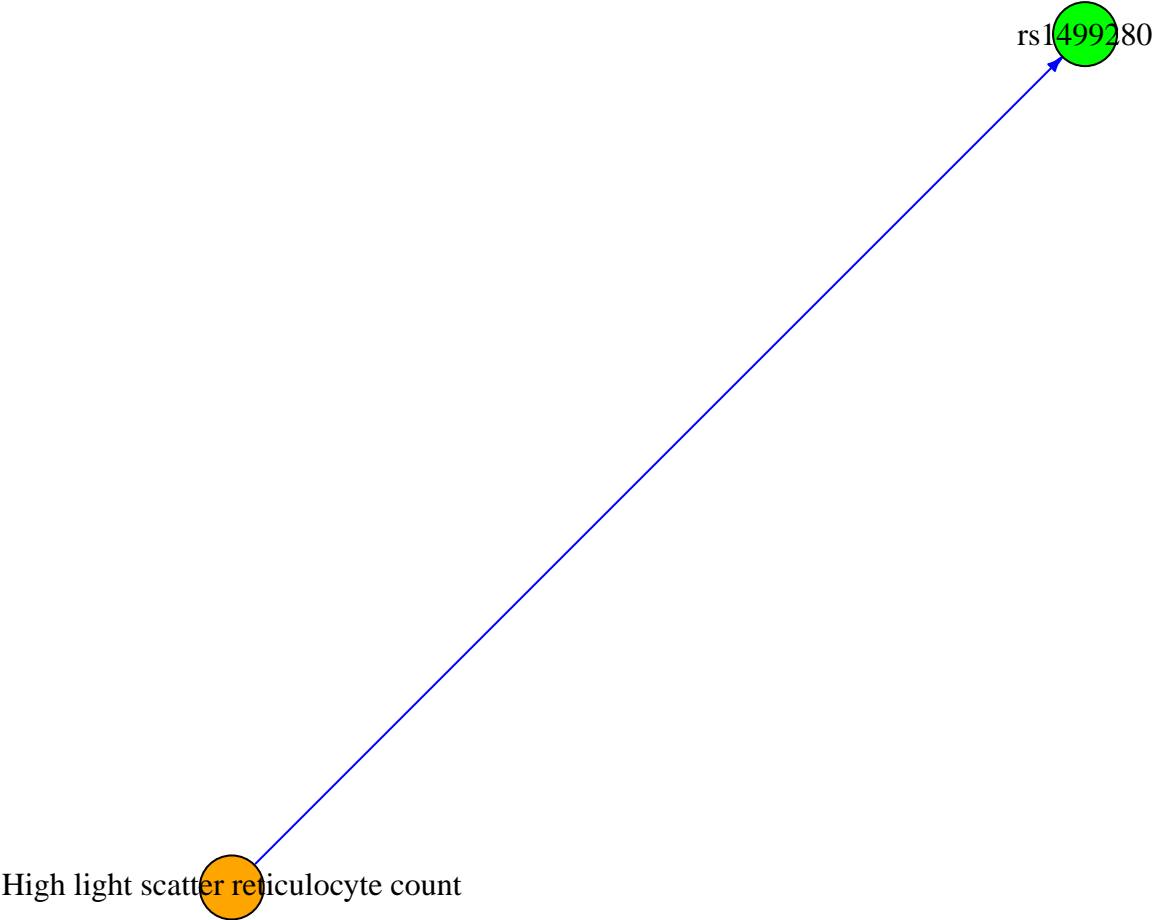
**Variant–Disease Network (Hemoglobin concentration)**



## Variant–Disease Network (Hemoglobin levels)



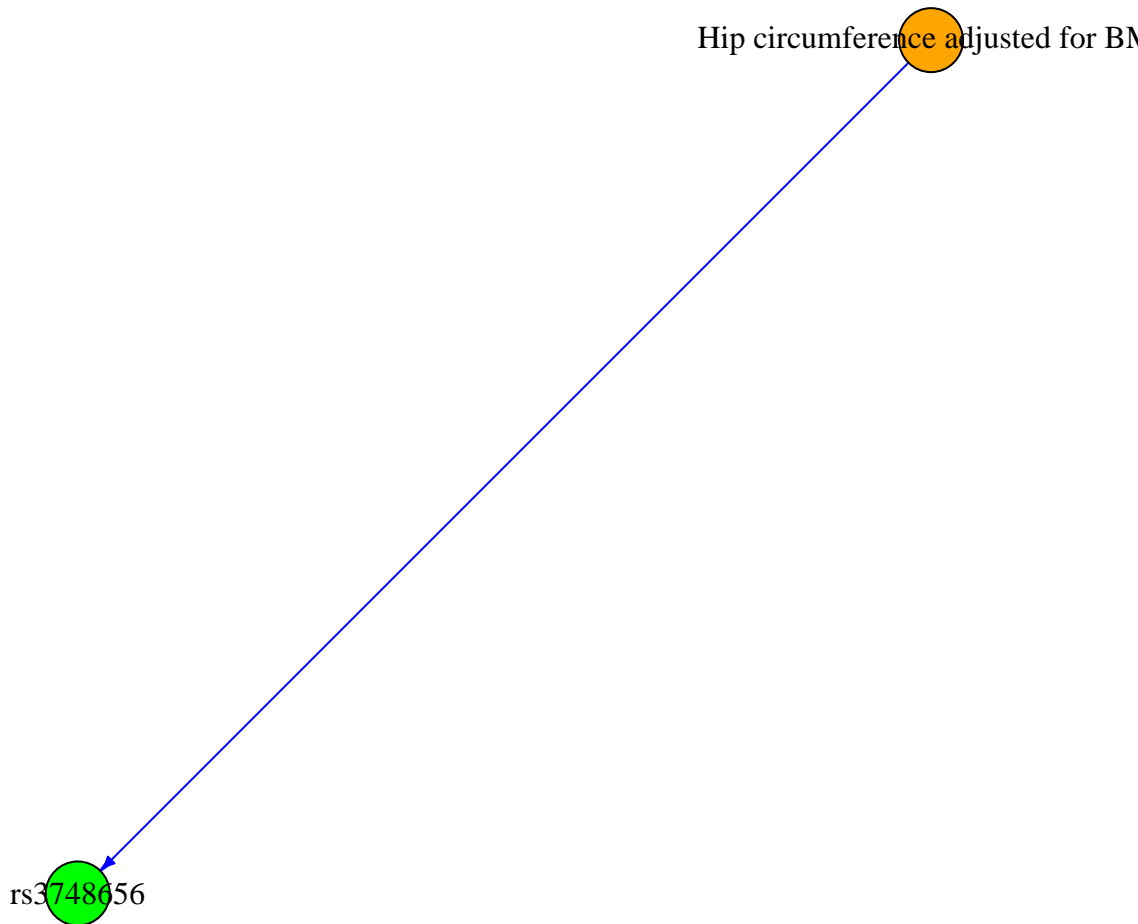
Variant–Disease Network (High light scatter reticulocyte count)



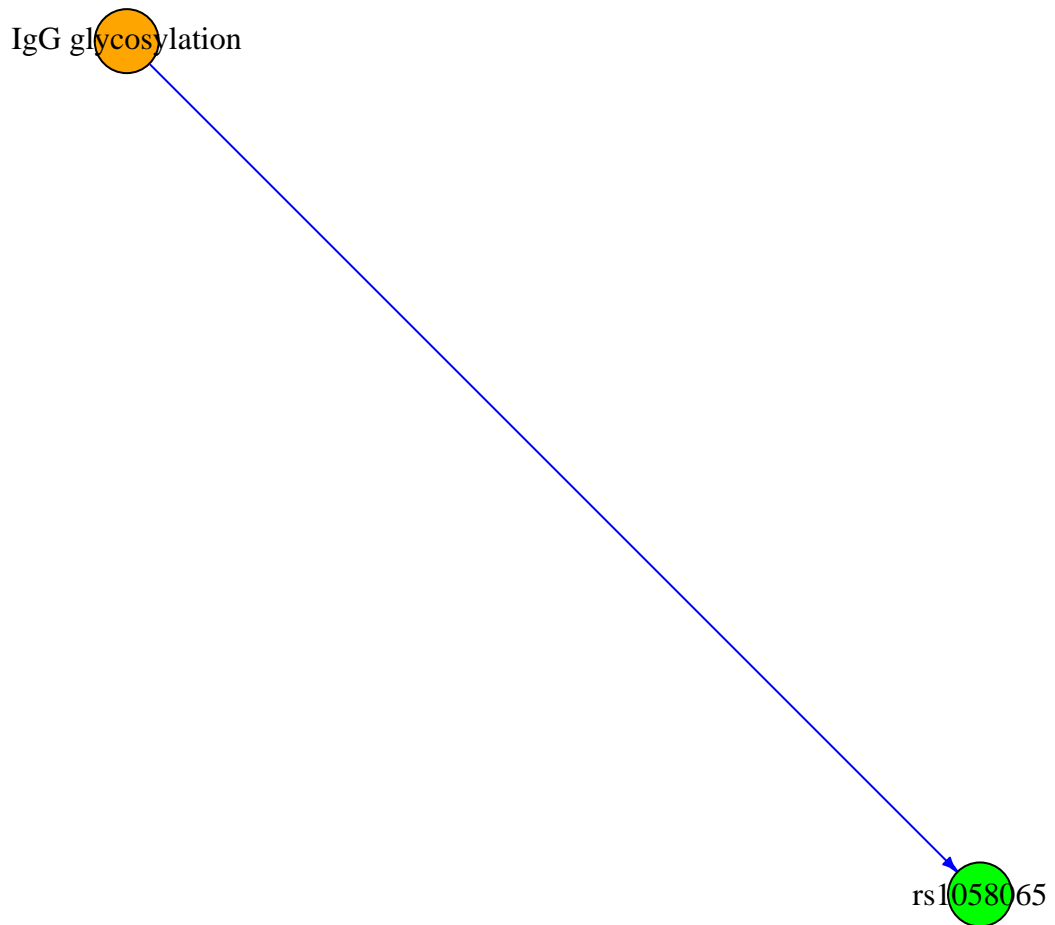
# Variant–Disease Network (High light scatter reticulocyte percentage of red c



# Variant–Disease Network (Hip circumference adjusted for BMI)

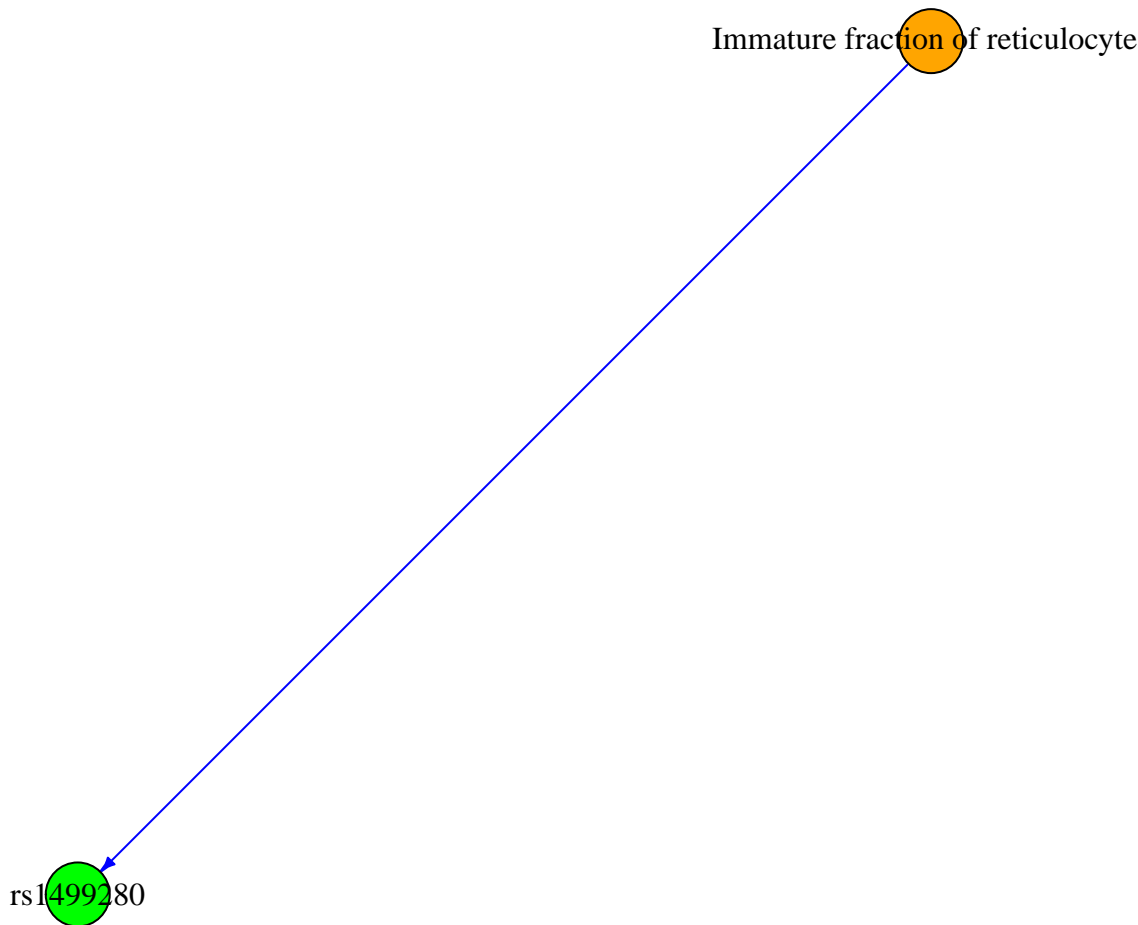


## Variant-Disease Network (IgG glycosylation)

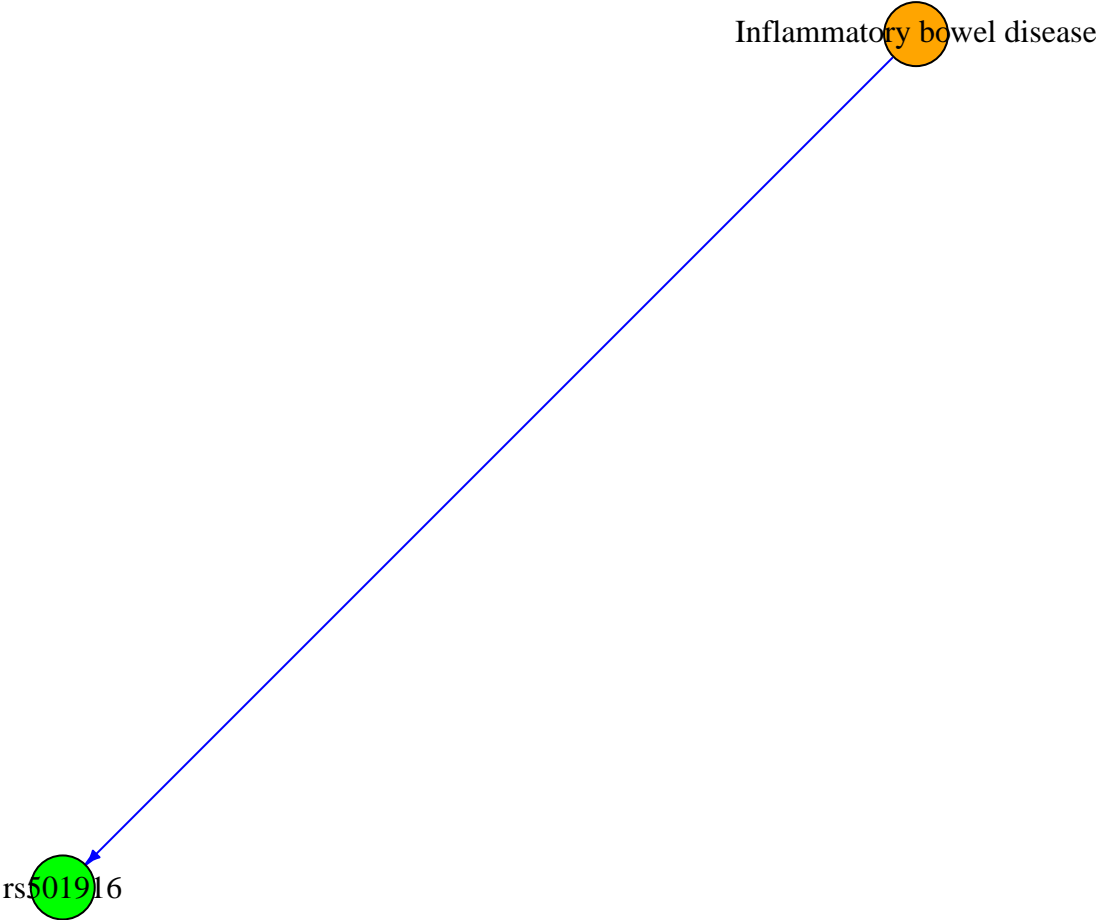




# Variant–Disease Network (Immature fraction of reticulocytes)



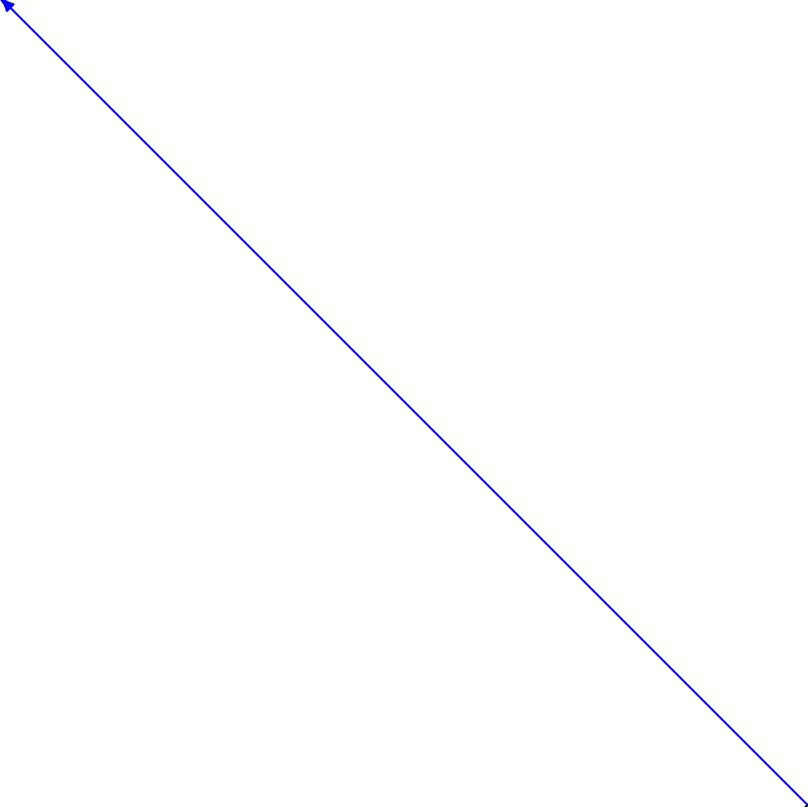
**Variant–Disease Network (Inflammatory bowel disease)**



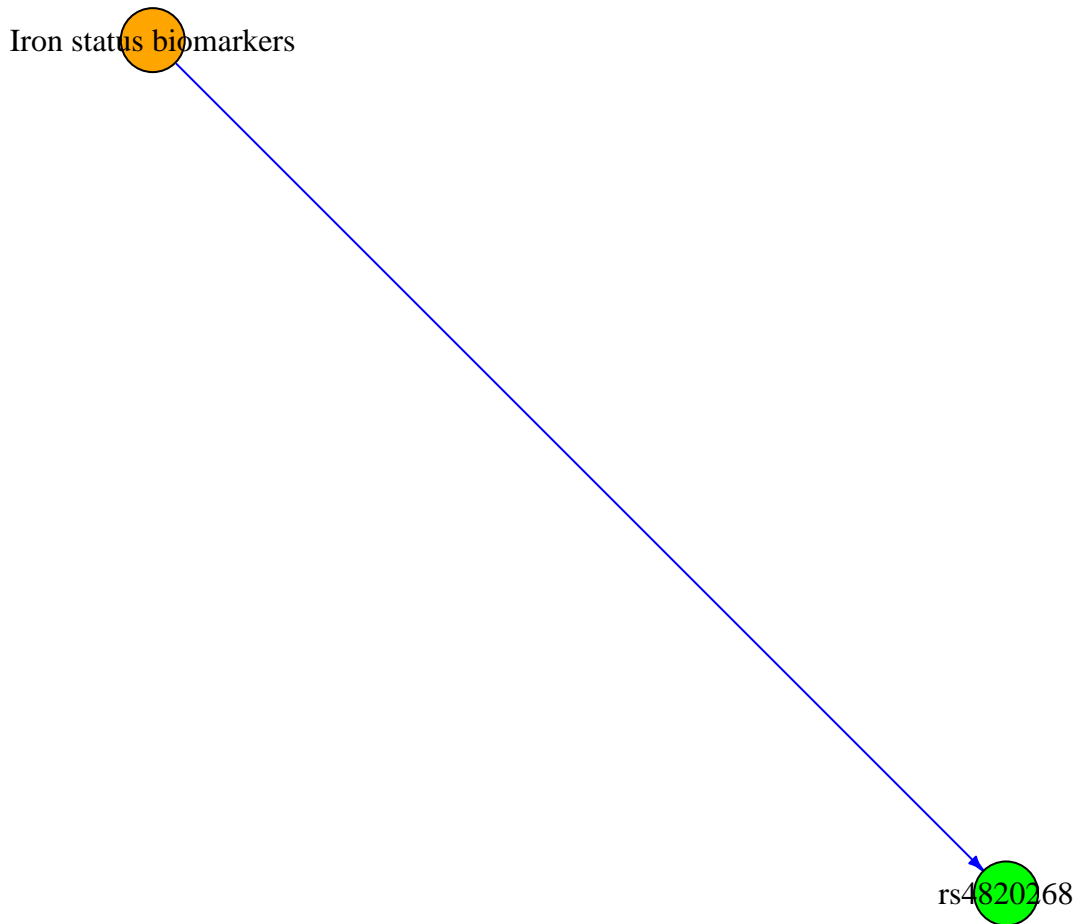
## Variant-Disease Network (Iron levels)

rs4820268

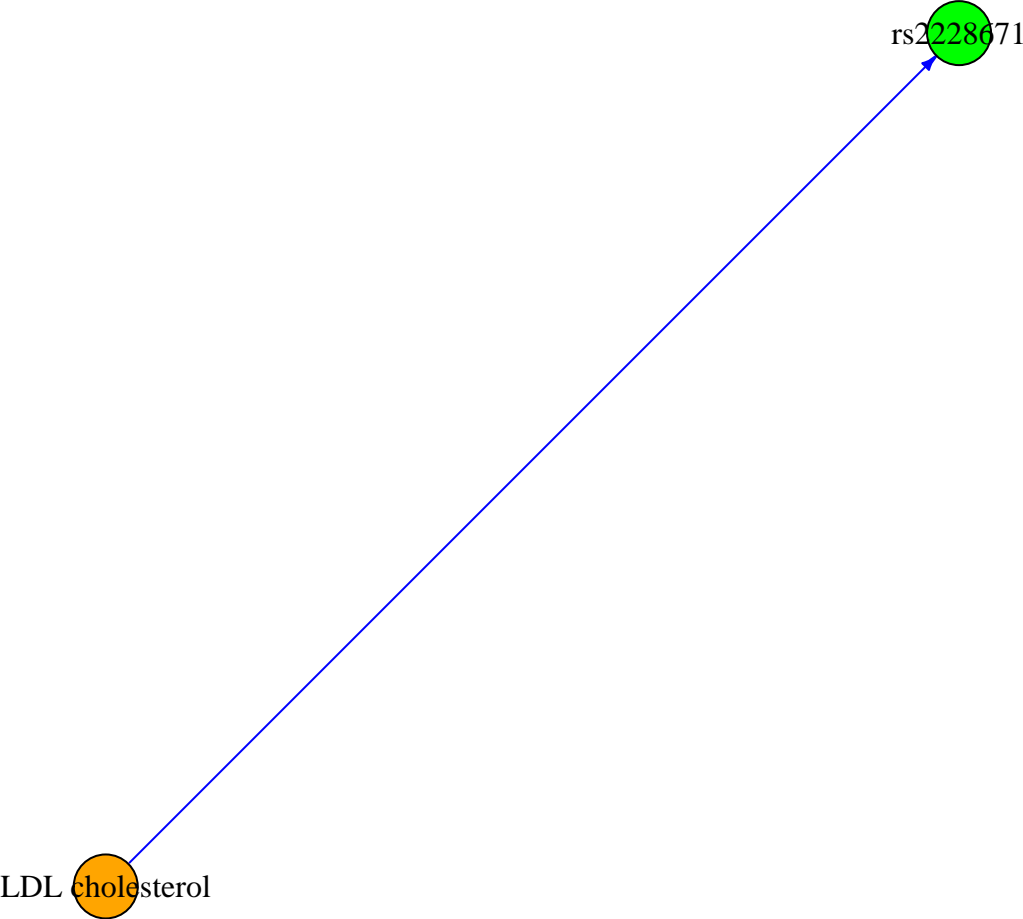
Iron levels



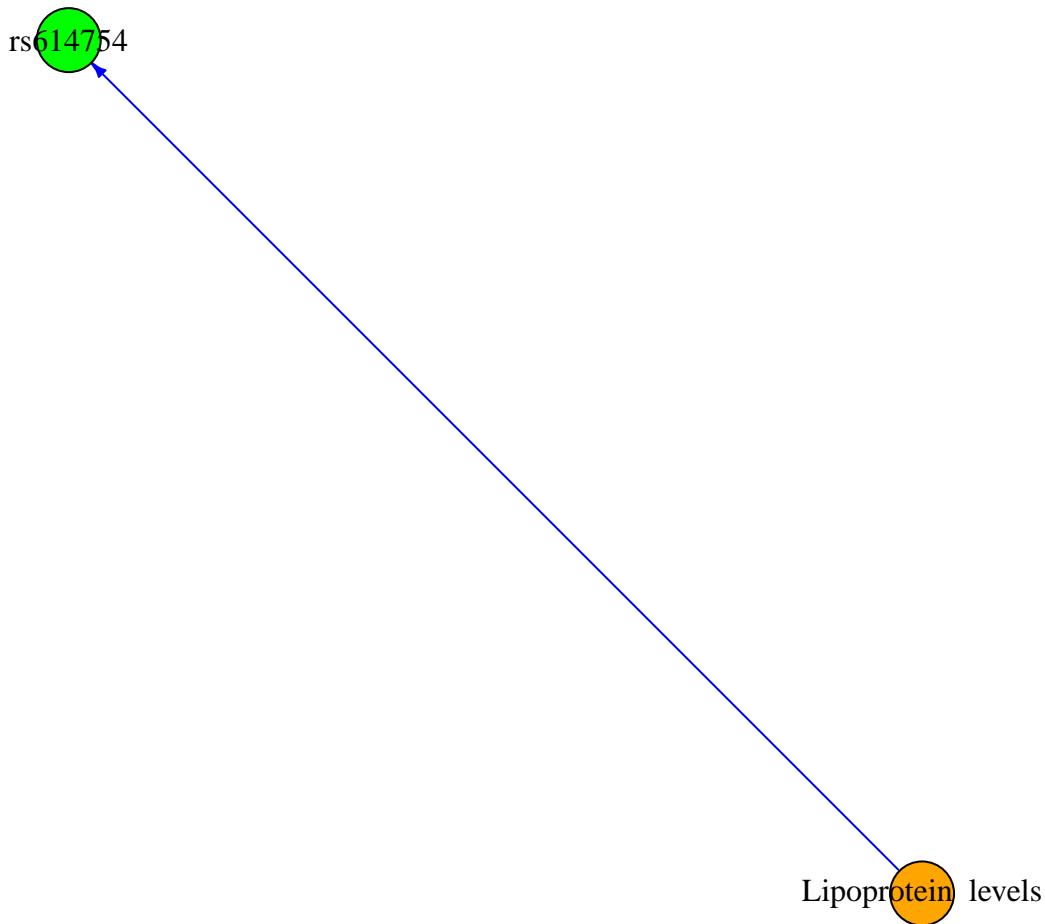
## Variant-Disease Network (Iron status biomarkers)



Variant–Disease Network (LDL cholesterol)

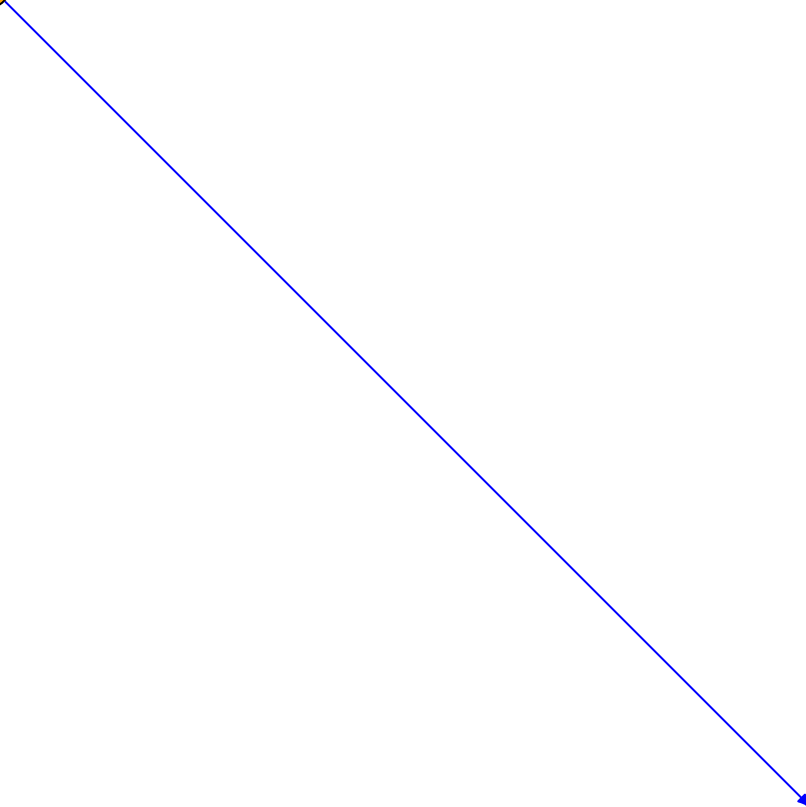


## Variant–Disease Network (Lipoprotein levels)



**Variant–Disease Network (Liver fibrosis and steatohepatitis severity )**

Liver fibrosis and steatohepatitis severity

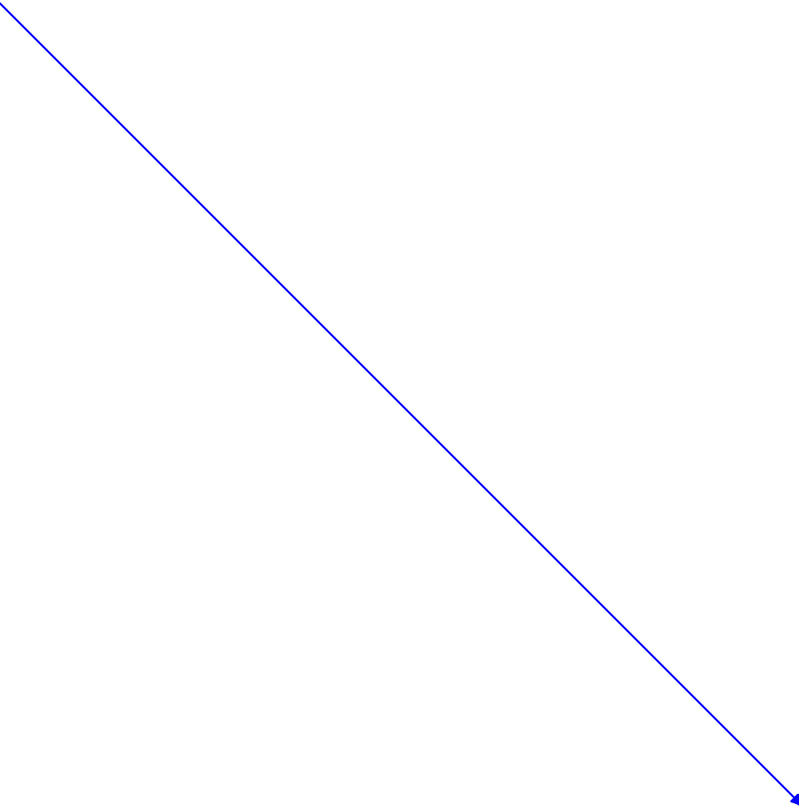


rs4820268



**Variant–Disease Network (Low density lipoprotein cholesterol levels)**

Low density lipoprotein cholesterol levels

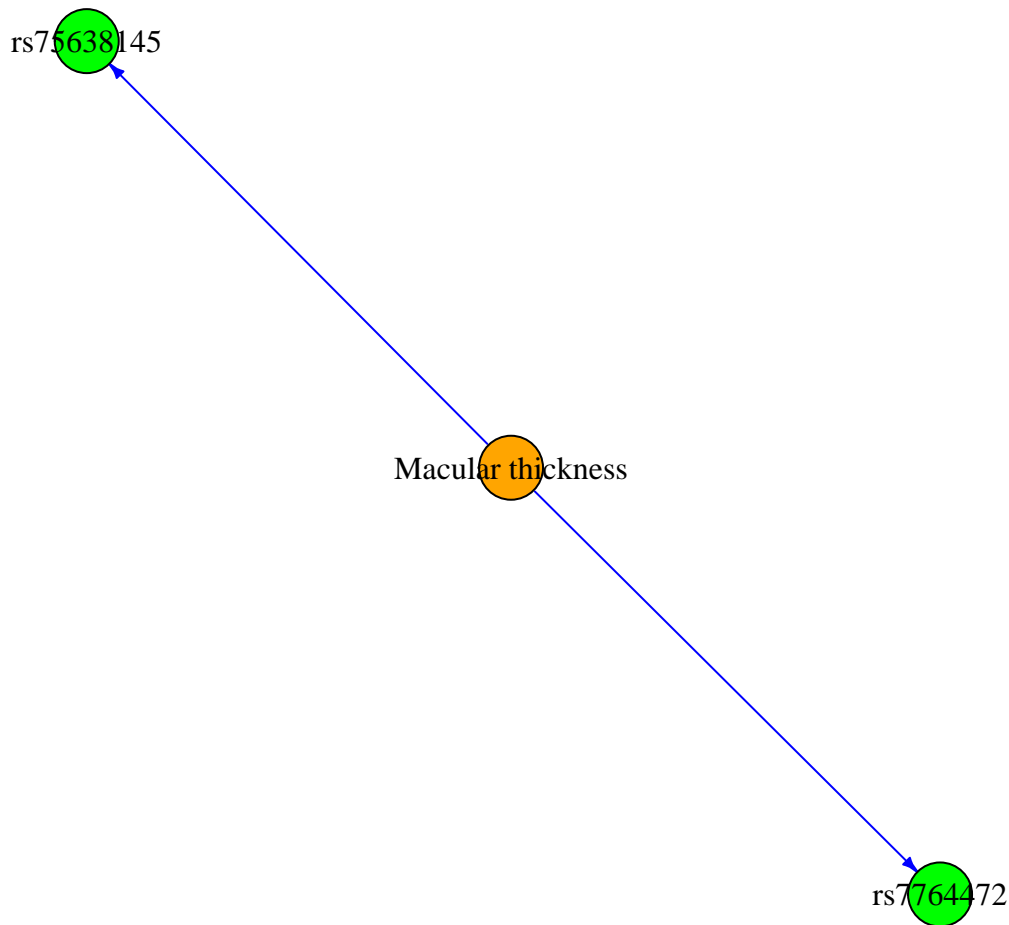


rs2228671

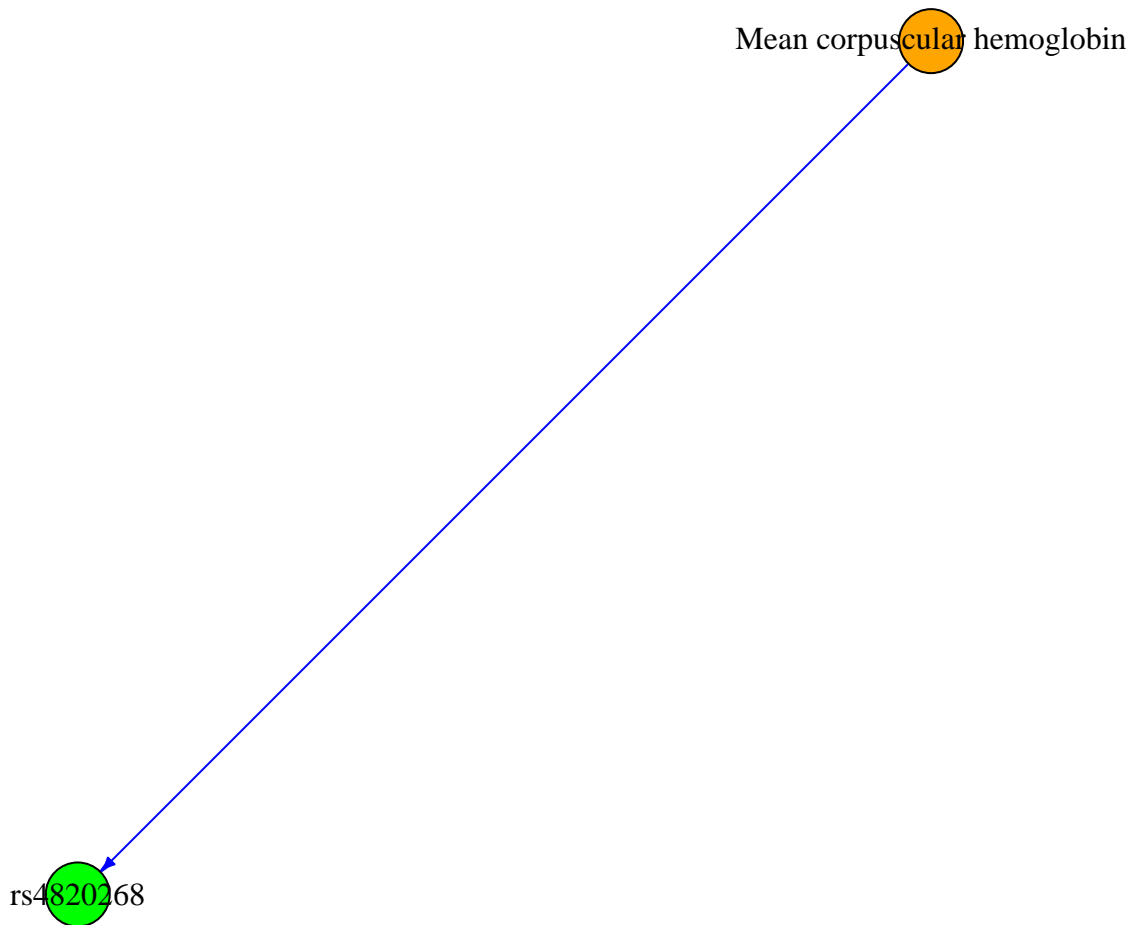




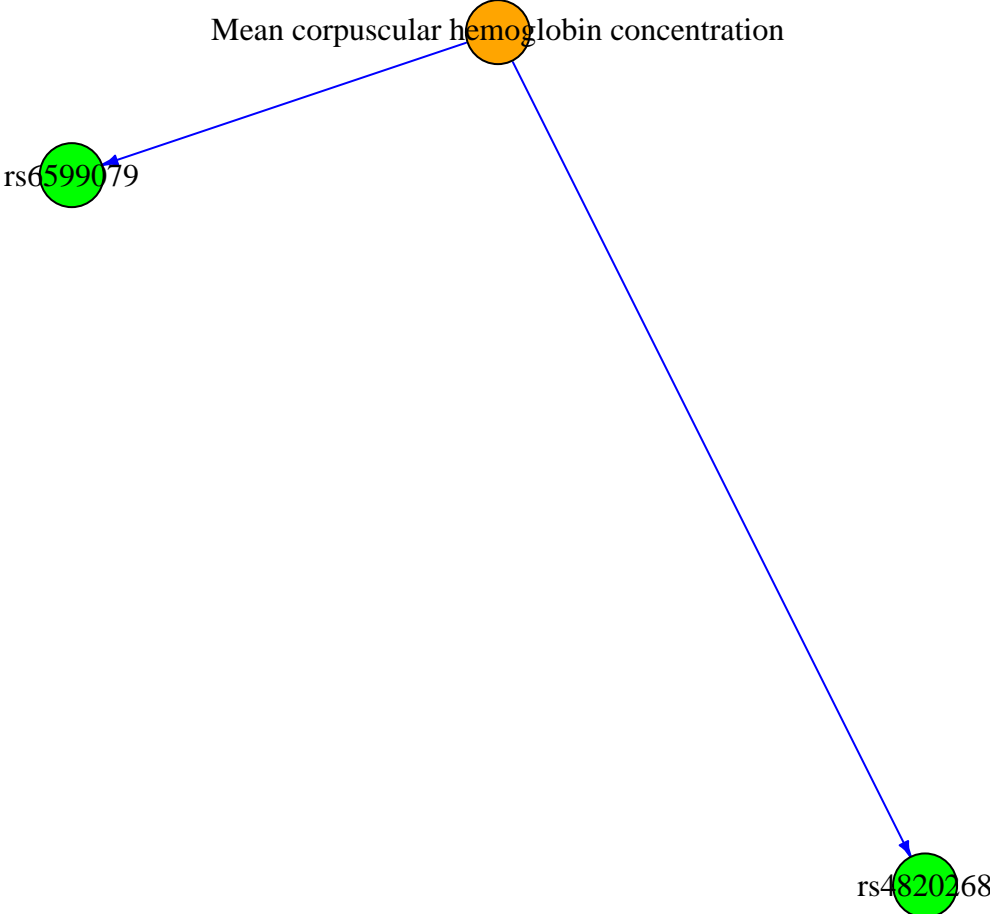
## Variant–Disease Network (Macular thickness)



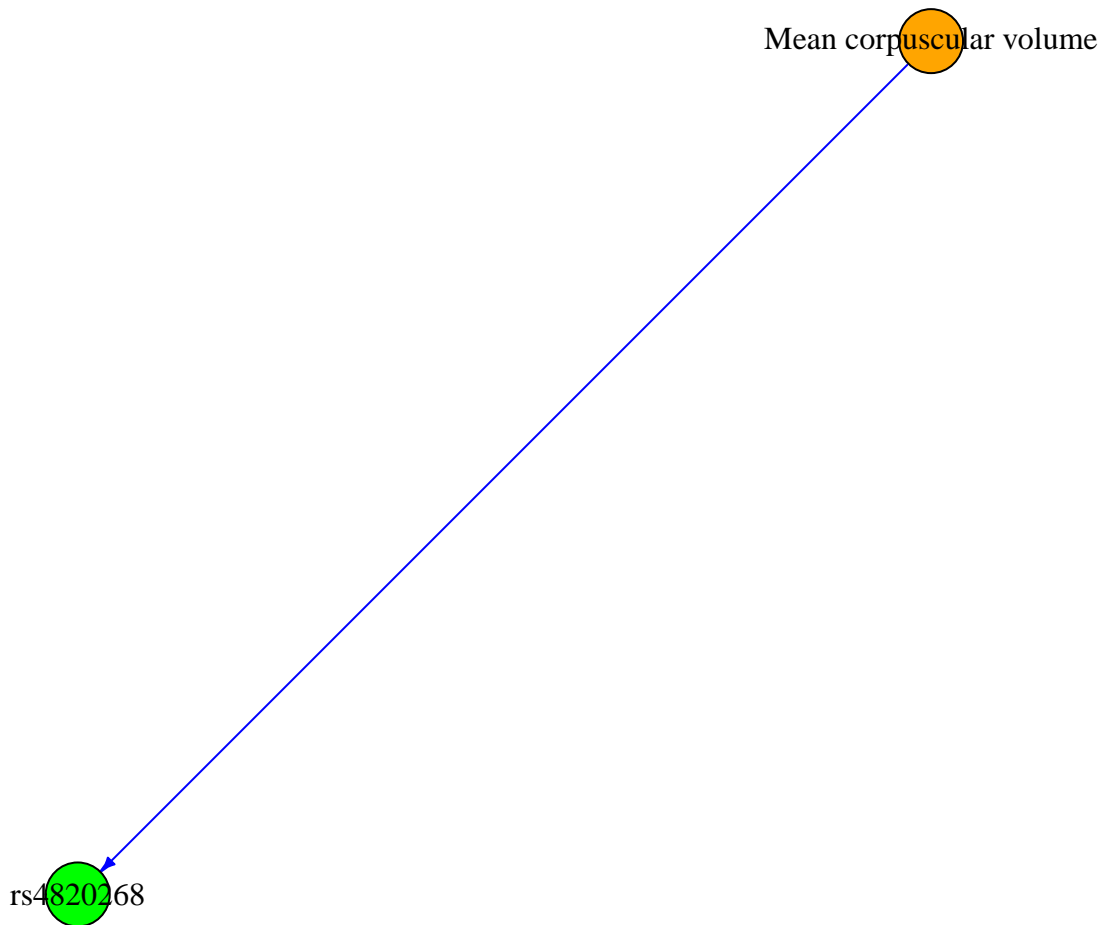
# Variant–Disease Network (Mean corpuscular hemoglobin)



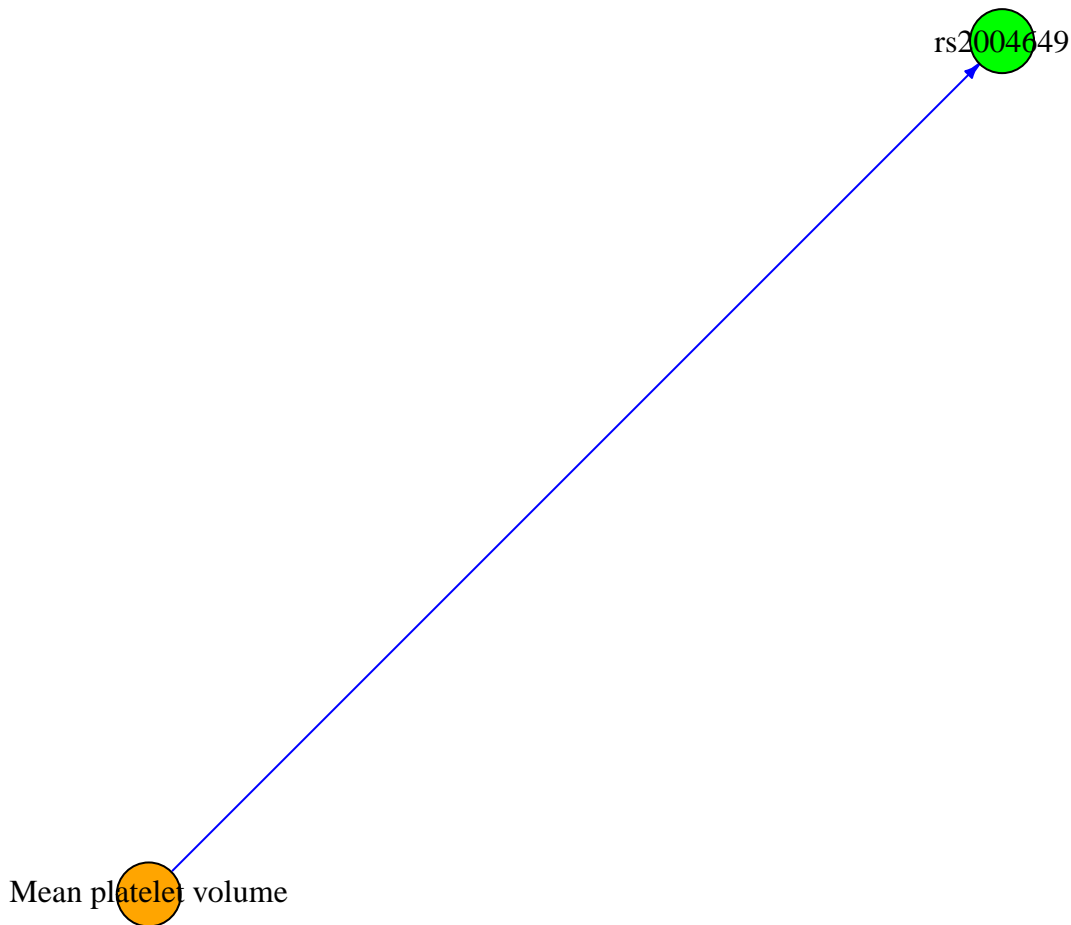
**Variant–Disease Network (Mean corpuscular hemoglobin concentration)**



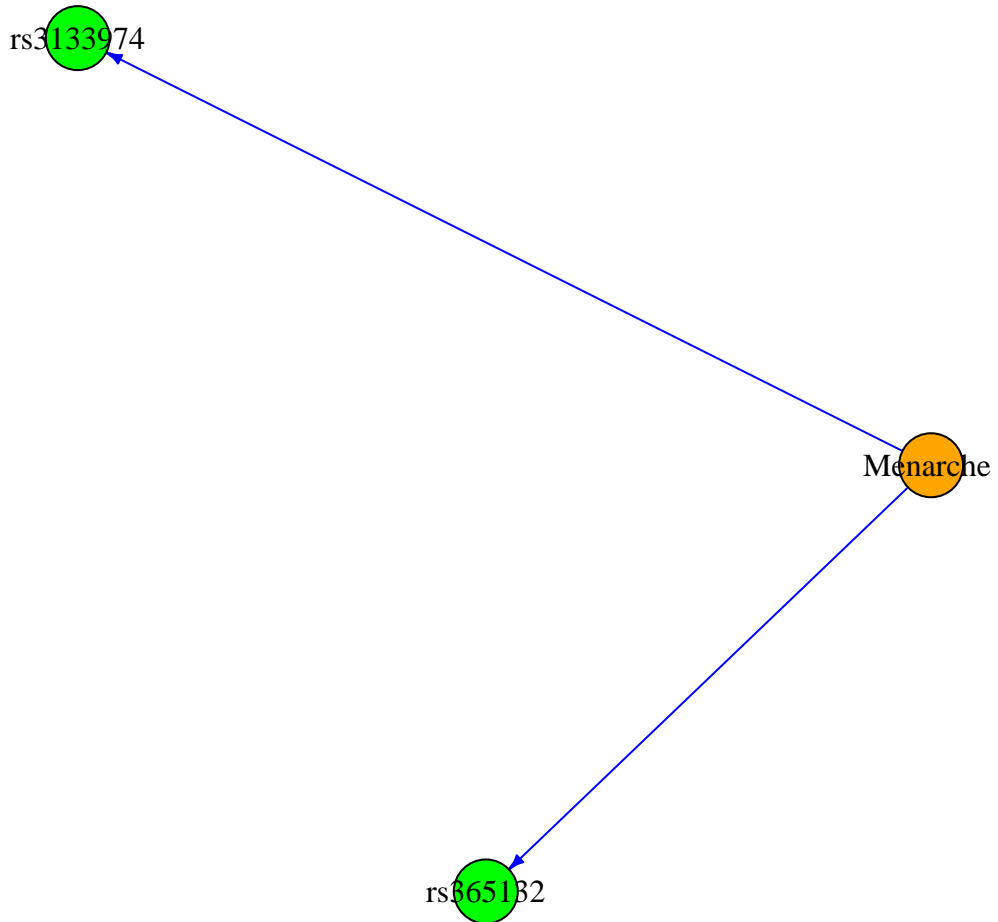
# Variant–Disease Network (Mean corpuscular volume)



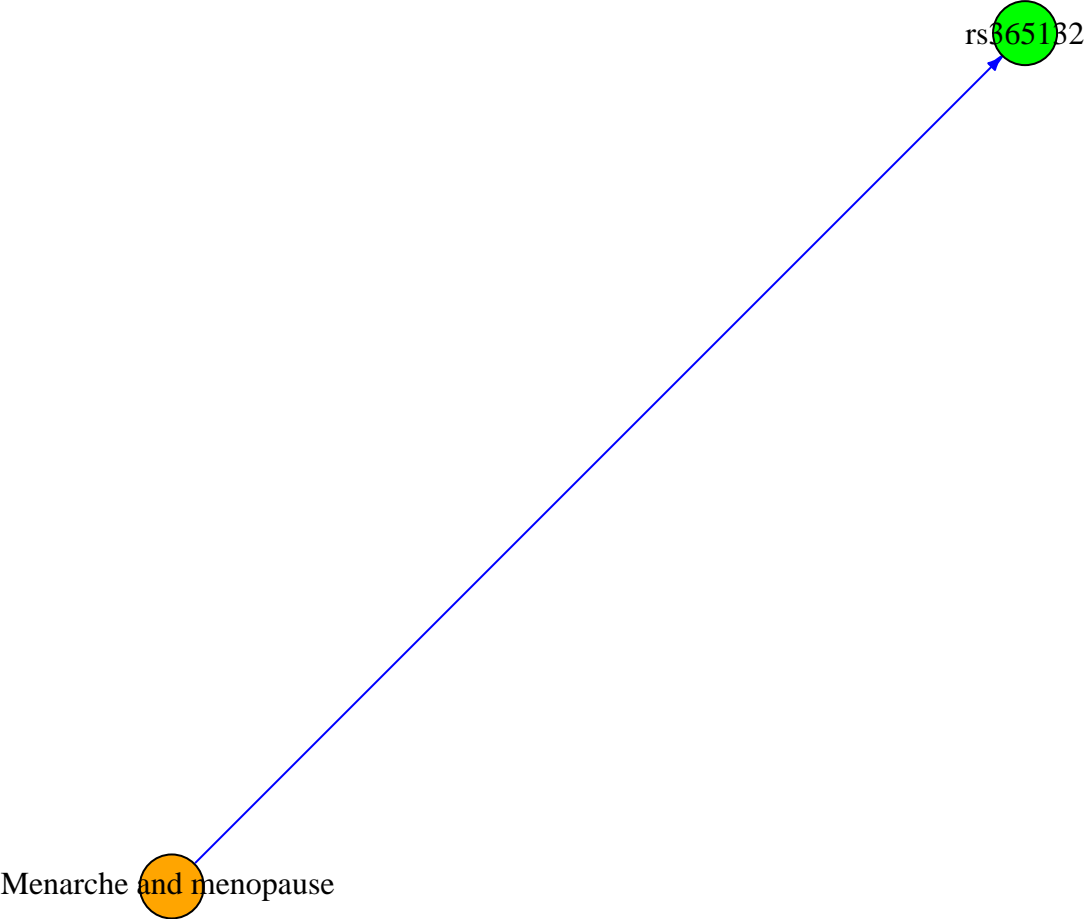
## Variant–Disease Network (Mean platelet volume)



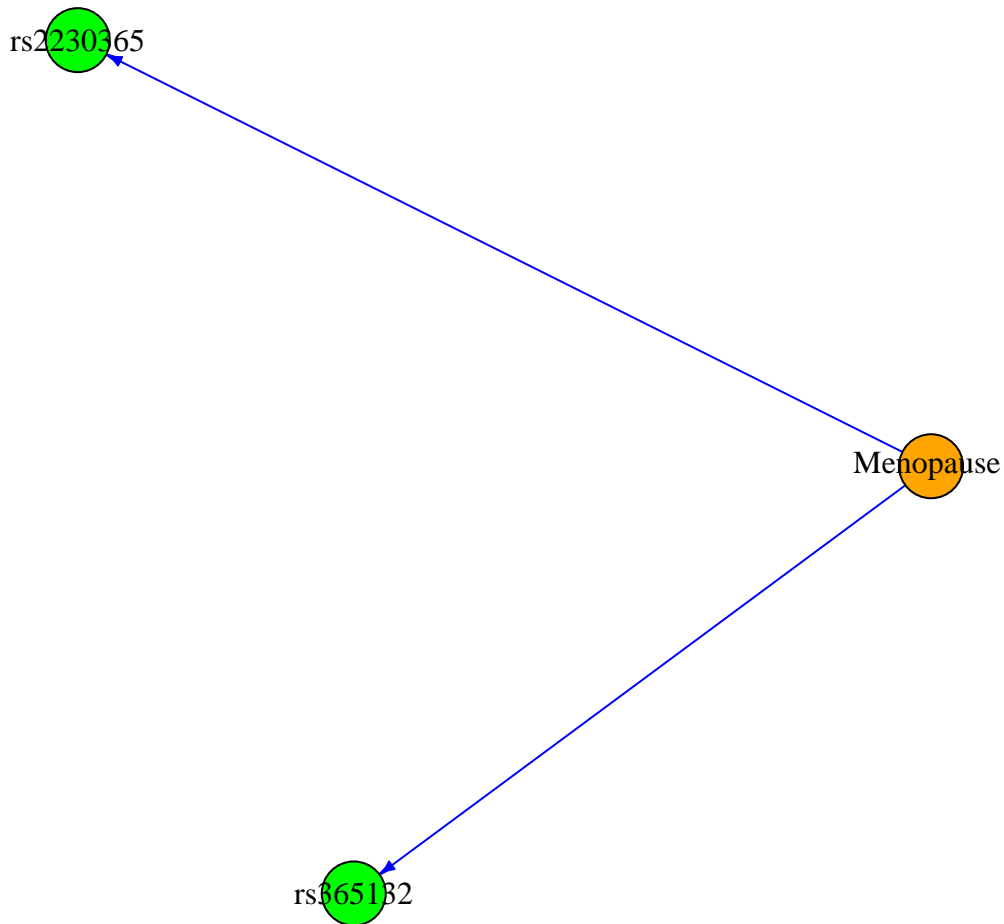
## Variant-Disease Network (Menarche )



**Variant–Disease Network (Menarche and menopause )**

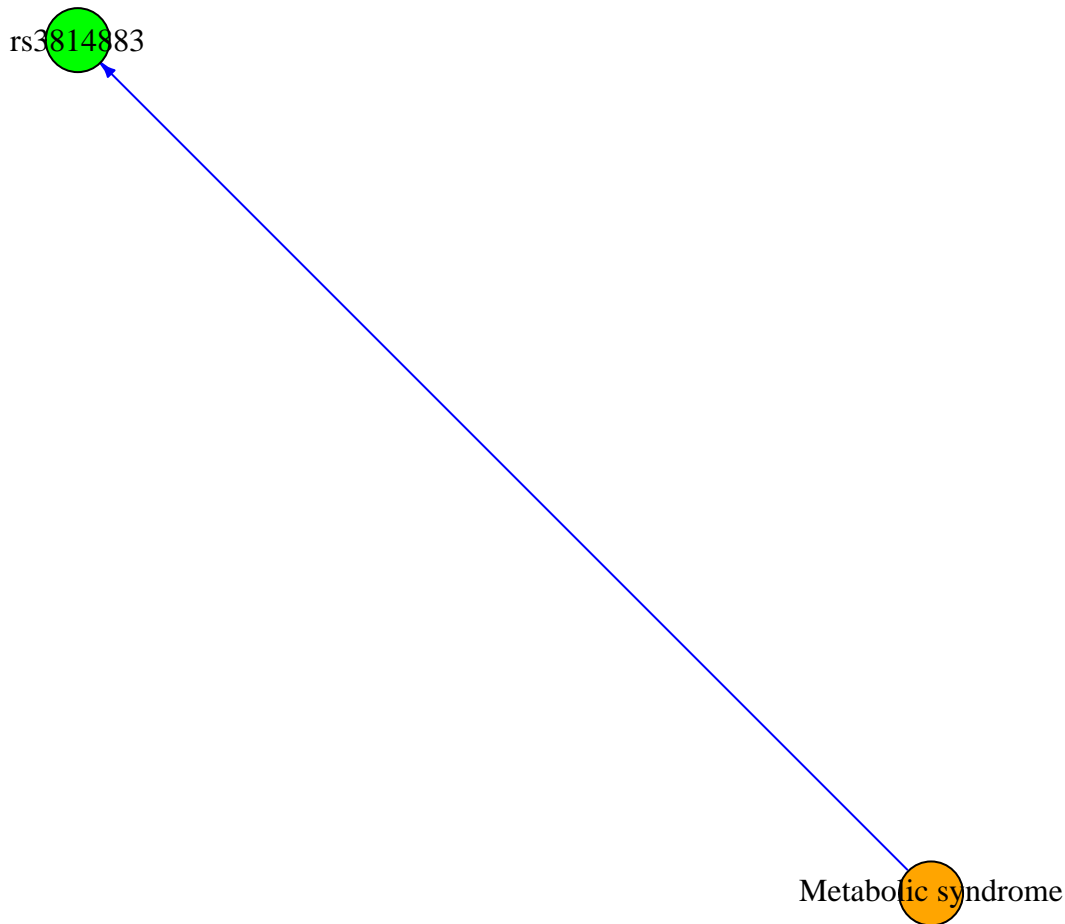


## Variant-Disease Network (Menopause )





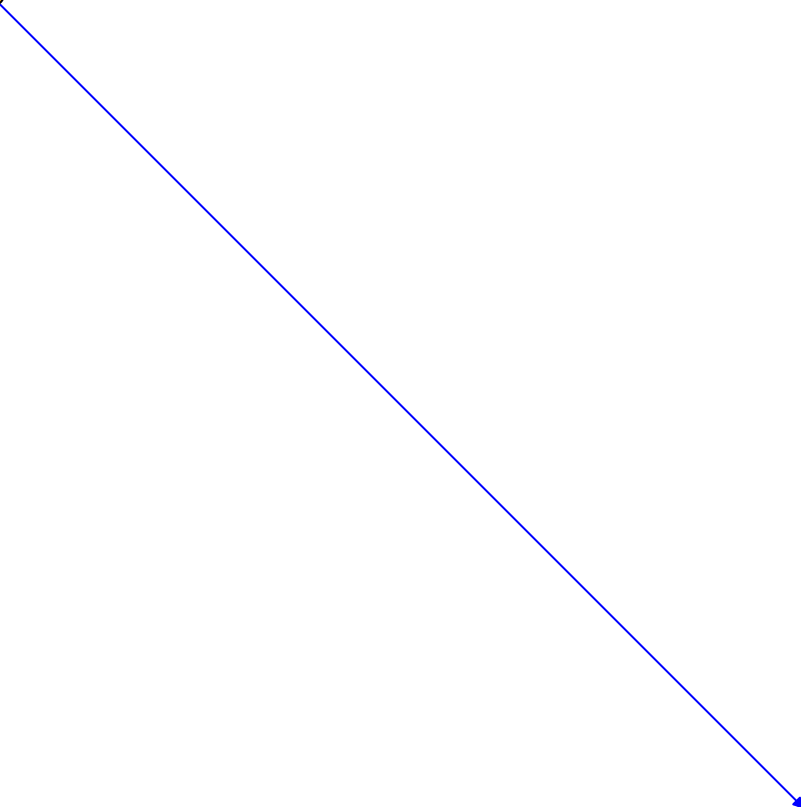
## Variant–Disease Network (Metabolic syndrome)



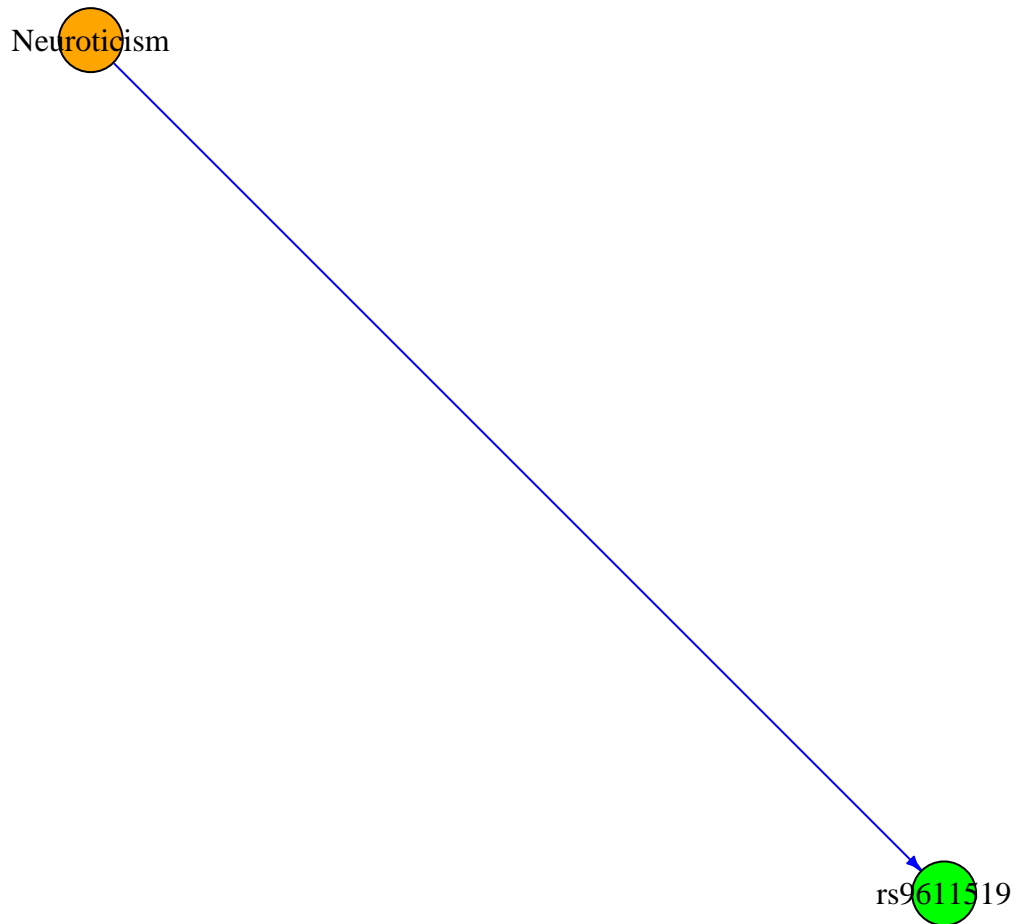
## Variant–Disease Network (Monocyte count)

Monocyte count

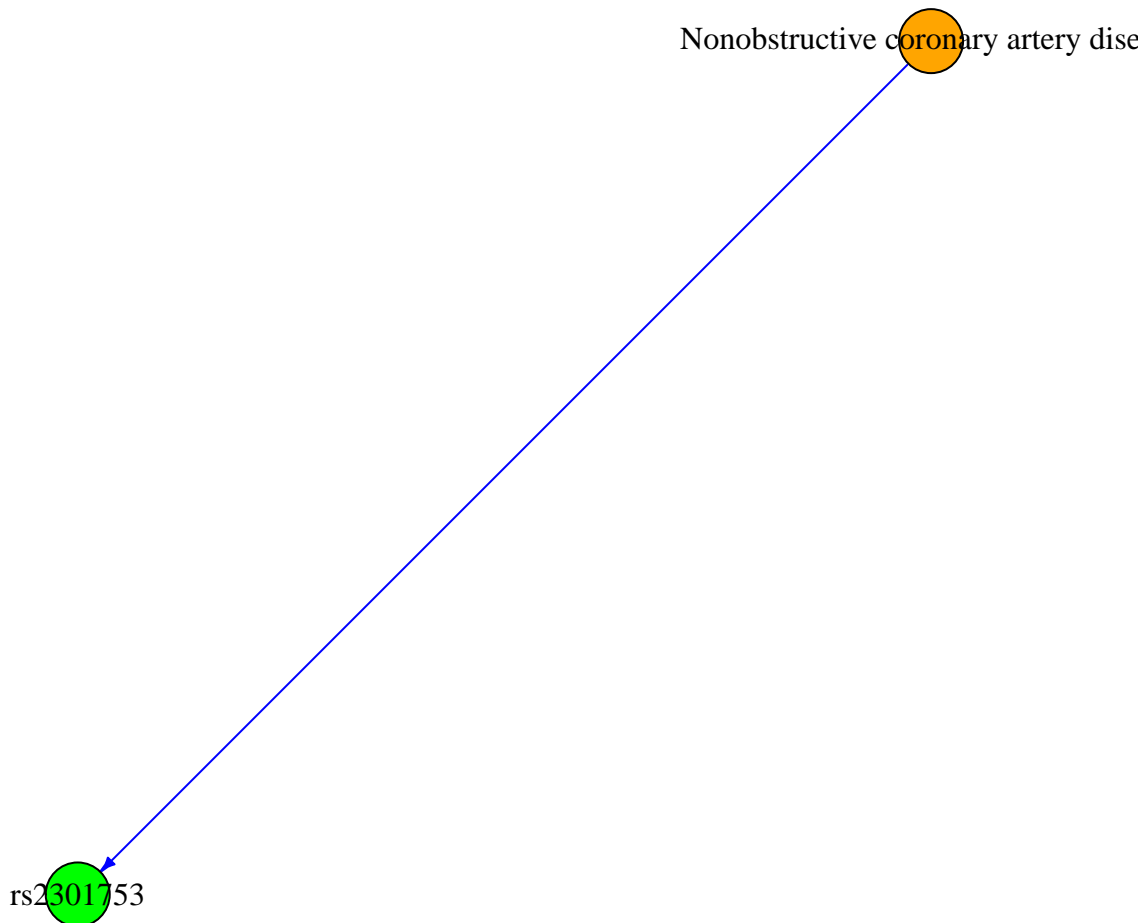
rs34197769



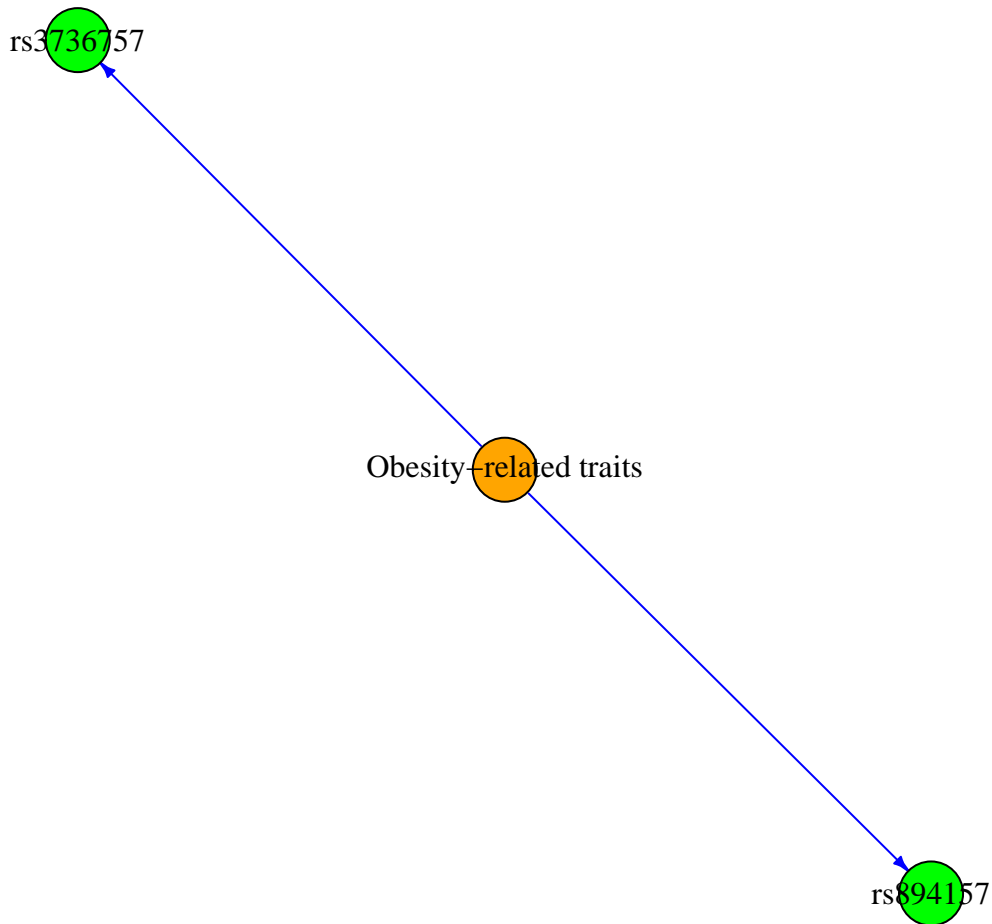
## Variant–Disease Network (Neuroticism)



# Variant–Disease Network (Nonobstructive coronary artery disease)



## Variant–Disease Network (Obesity–related traits)

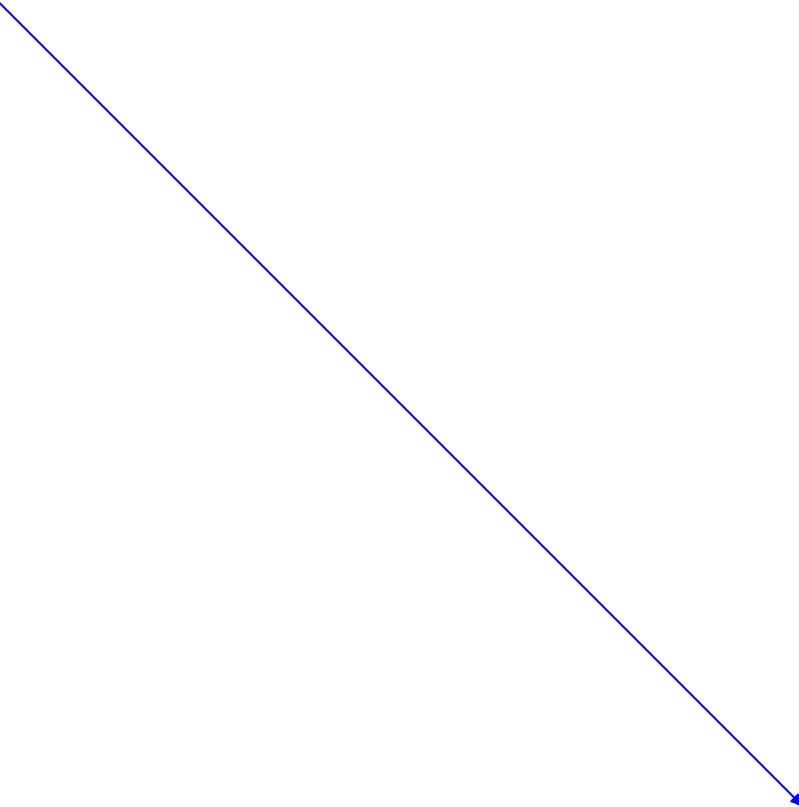


Variant–Disease Network (Plasma omega–6 polyunsaturated fatty acid levels)

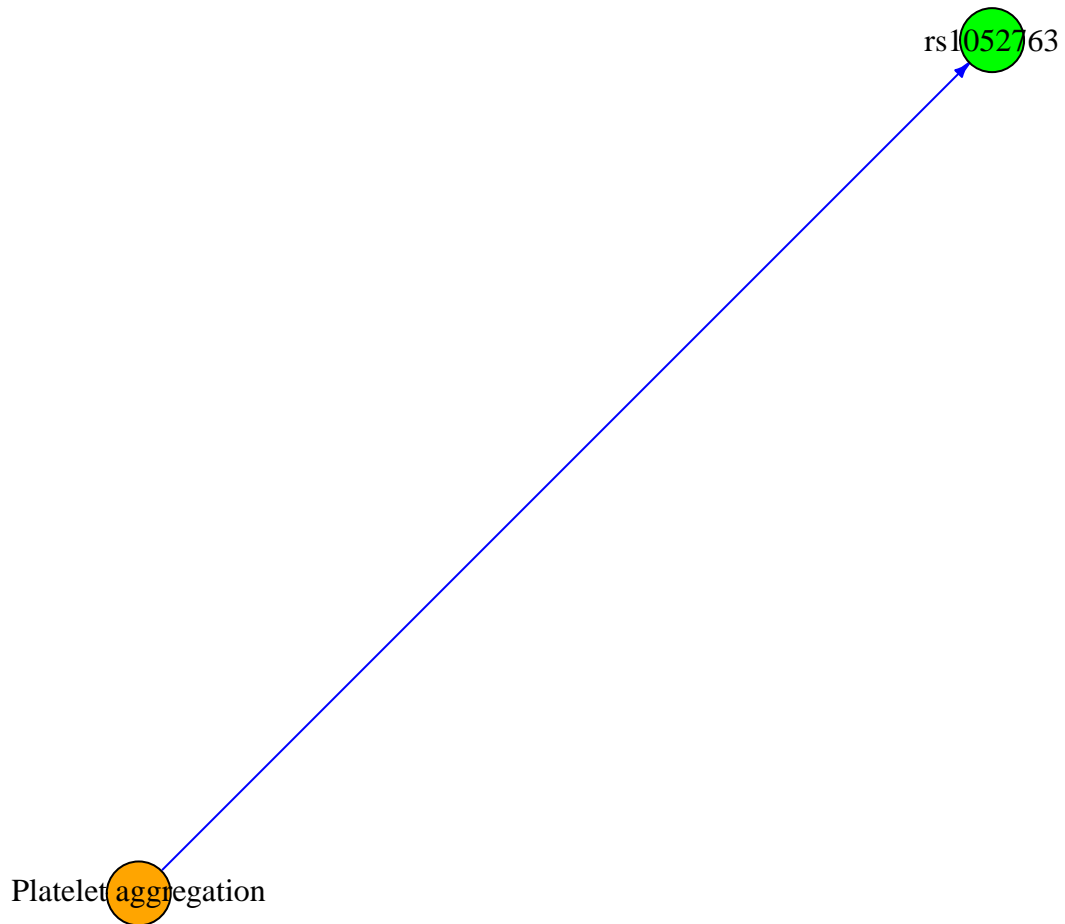
Plasma omega–6 polyunsaturated fatty acid levels



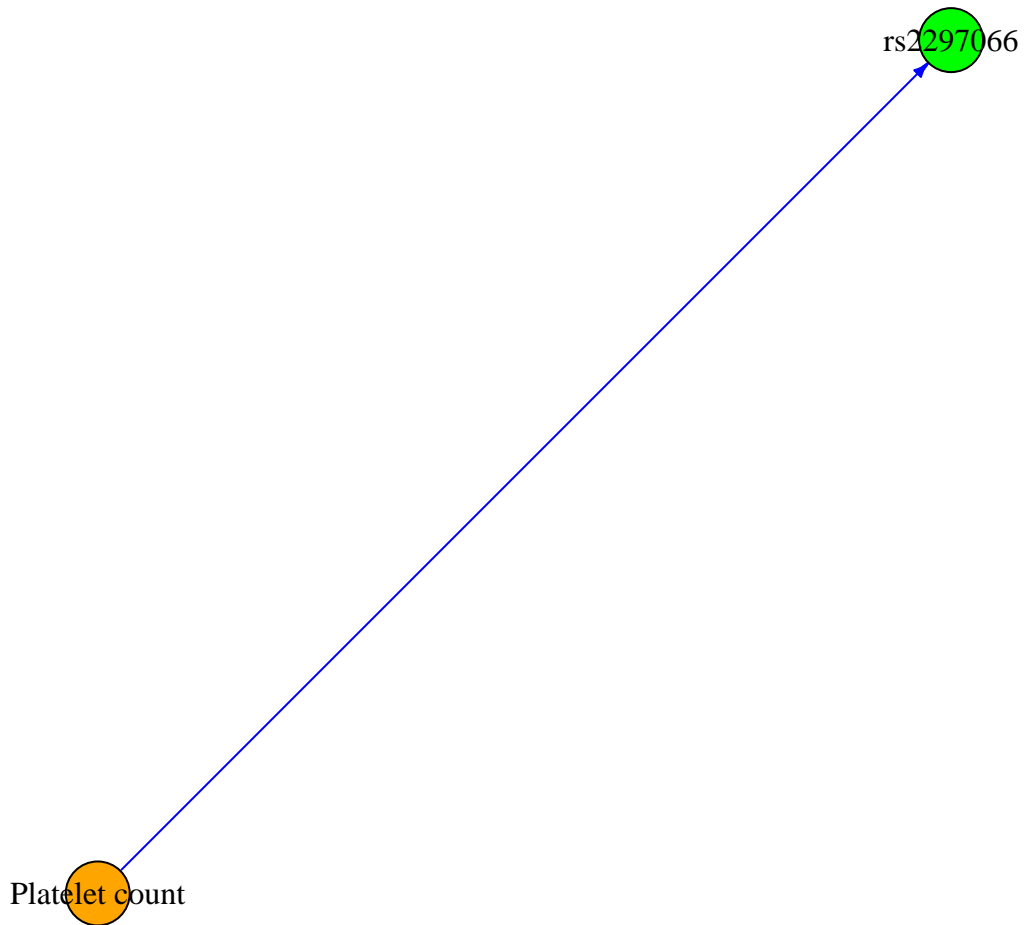
rs1136001



## Variant–Disease Network (Platelet aggregation)

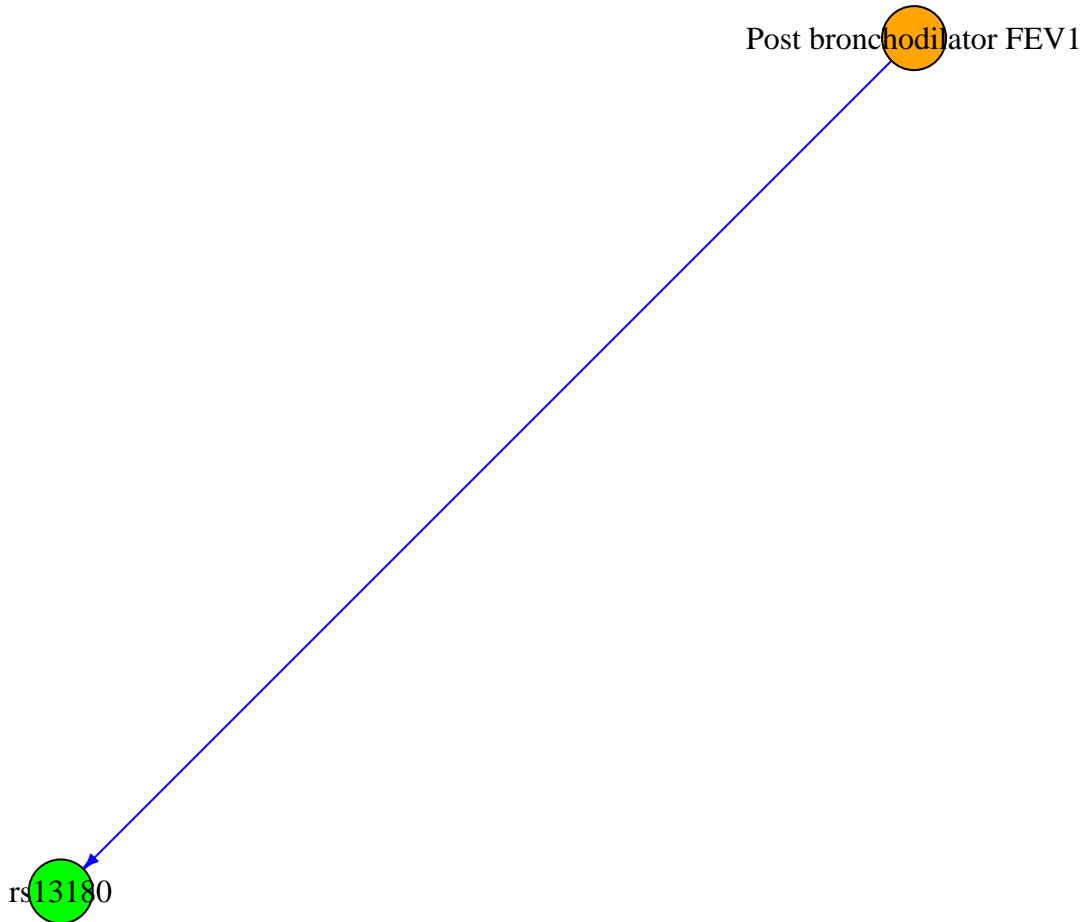


## Variant-Disease Network (Platelet count)

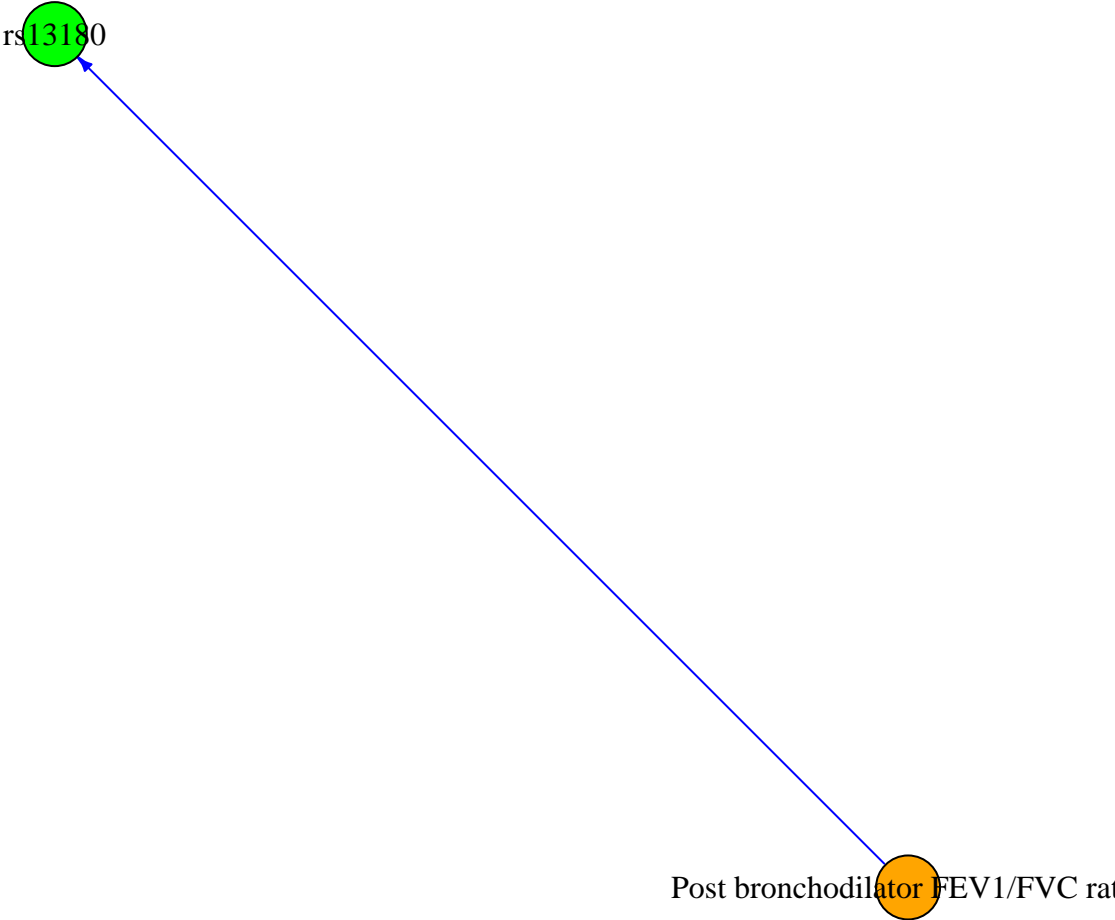




## Variant–Disease Network (Post bronchodilator FEV1)



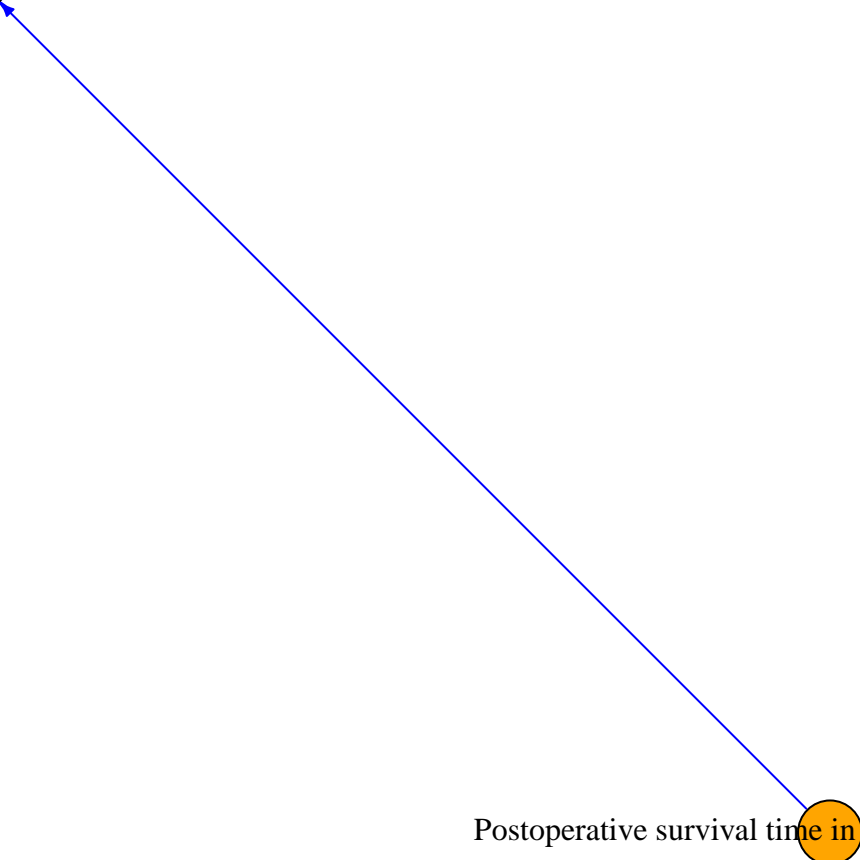
**Variant–Disease Network (Post bronchodilator FEV1/FVC ratio)**



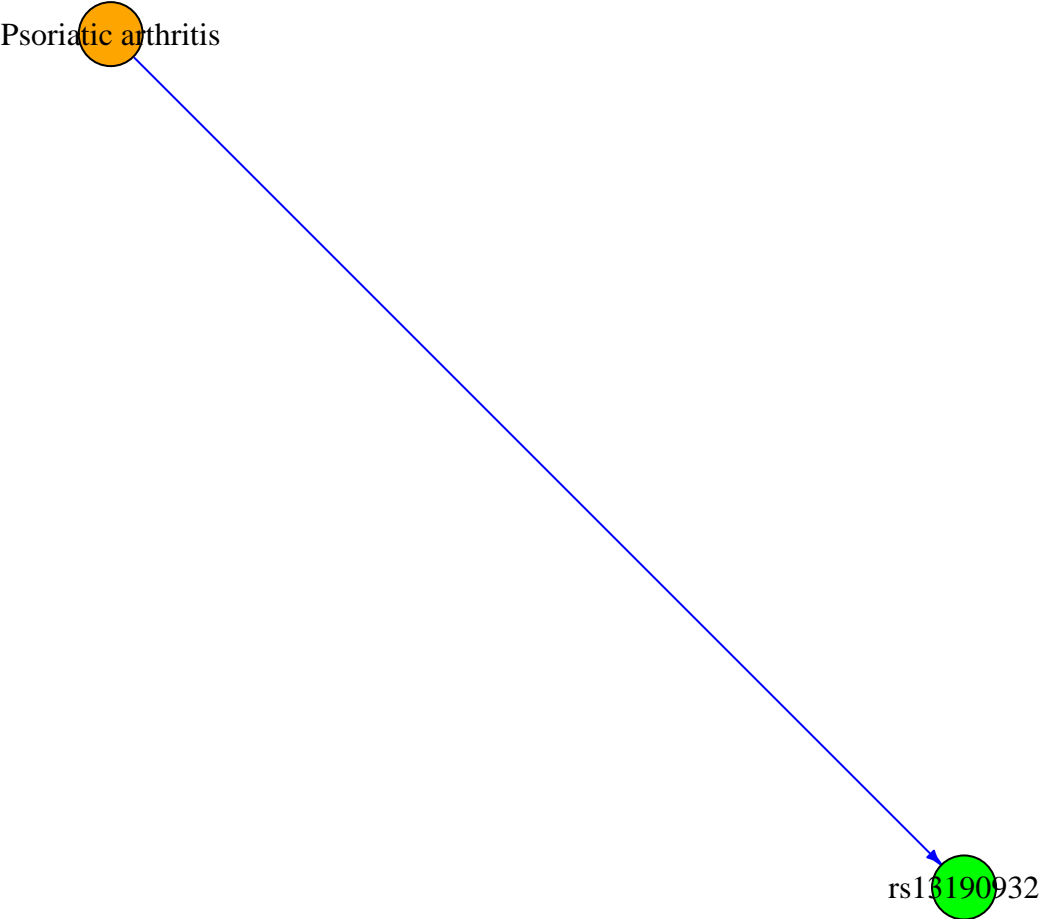
# Variant-Disease Network (Postoperative survival time in hepatocellular carcinoma)

rs3096380

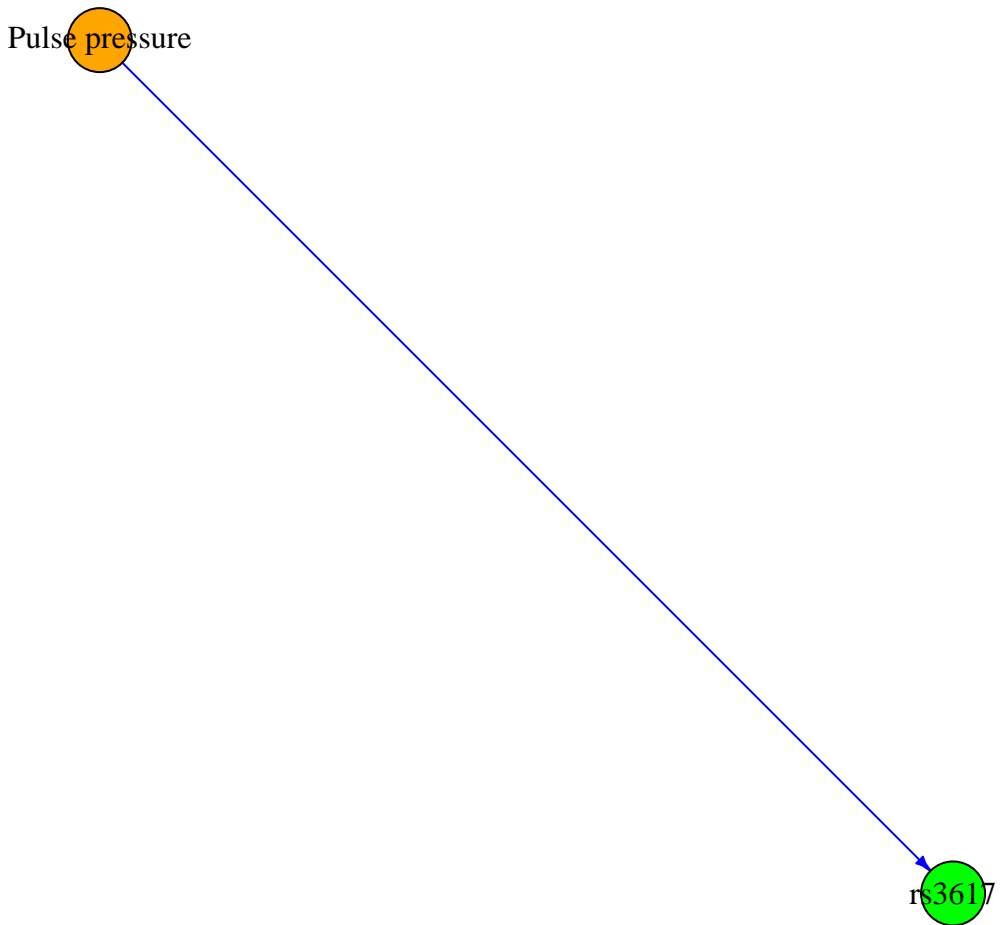
Postoperative survival time in hepatocellular carcinoma



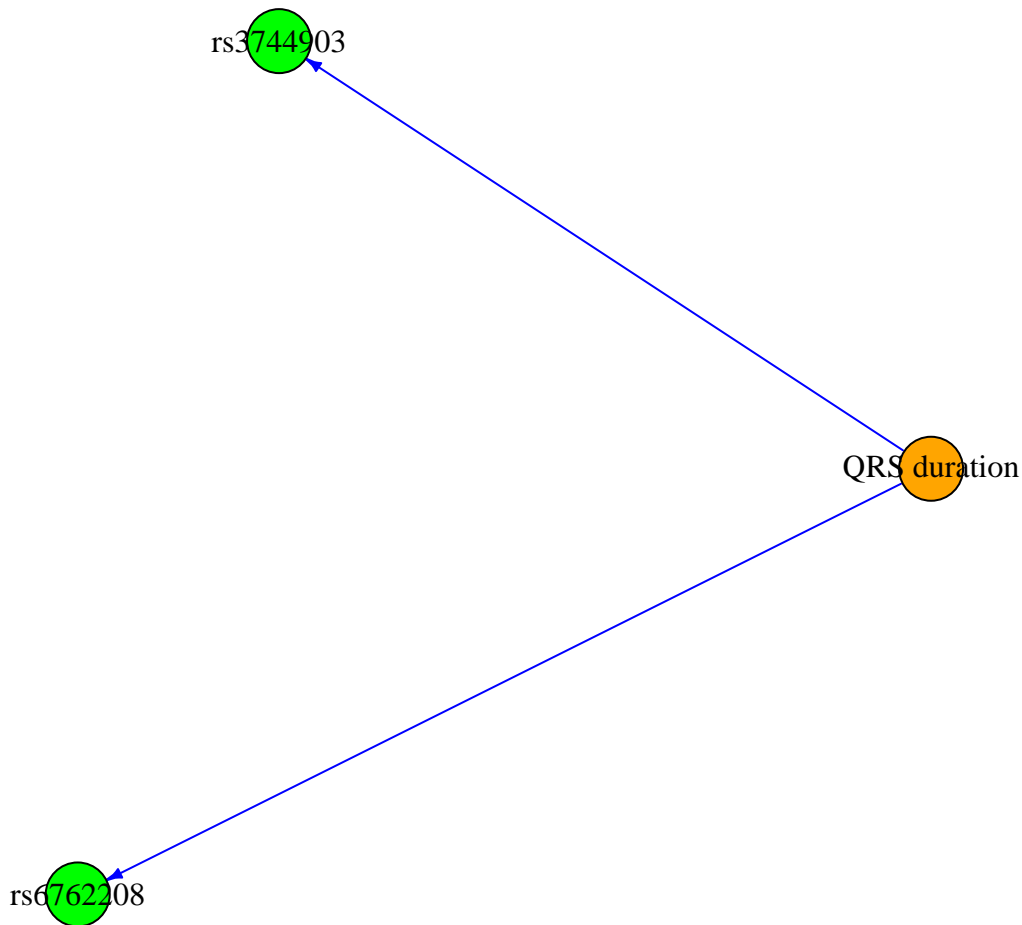
Variant–Disease Network (Psoriatic arthritis)



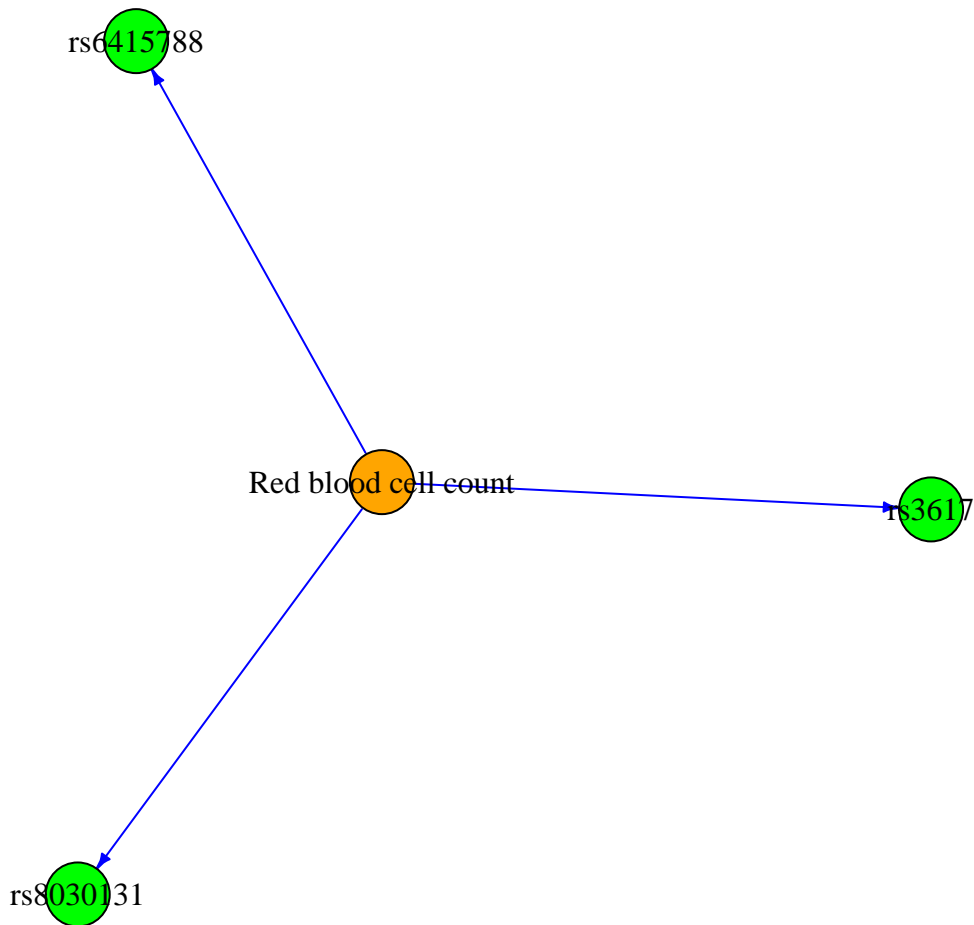
## Variant–Disease Network (Pulse pressure)



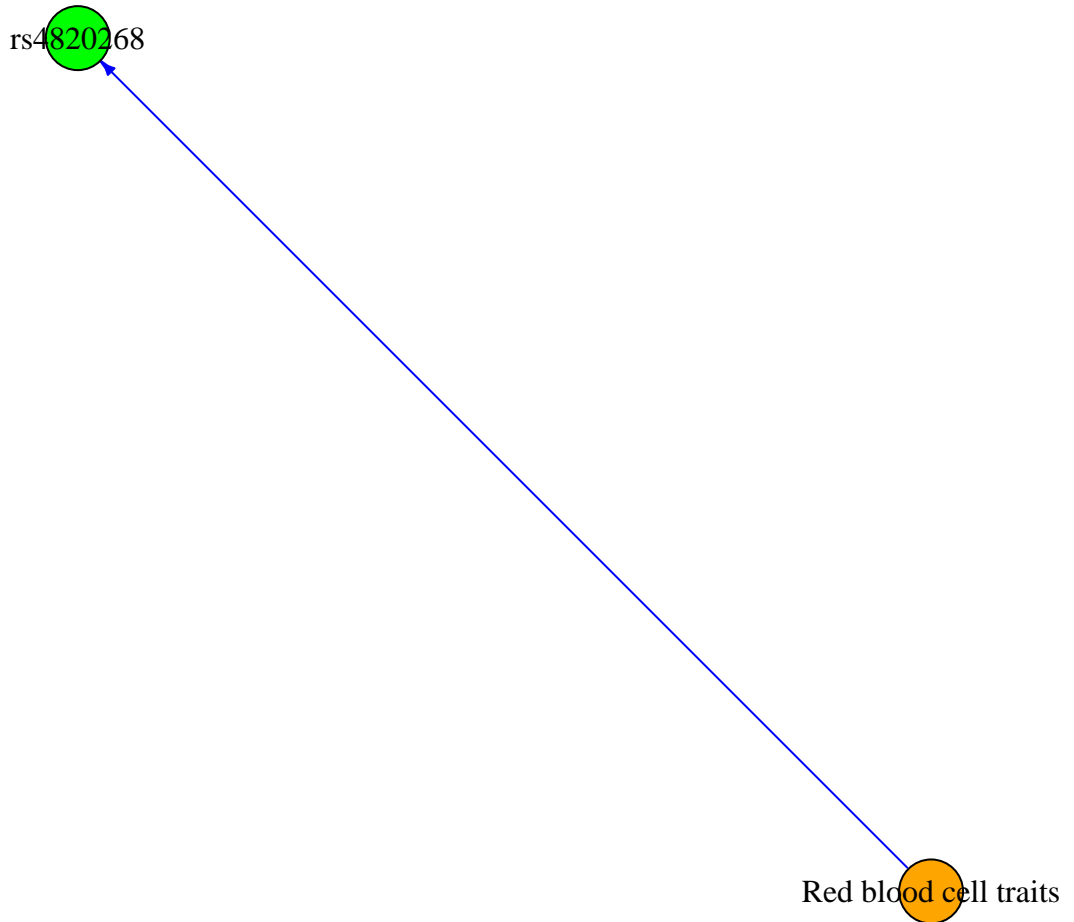
## Variant-Disease Network (QRS duration)



## Variant–Disease Network (Red blood cell count)

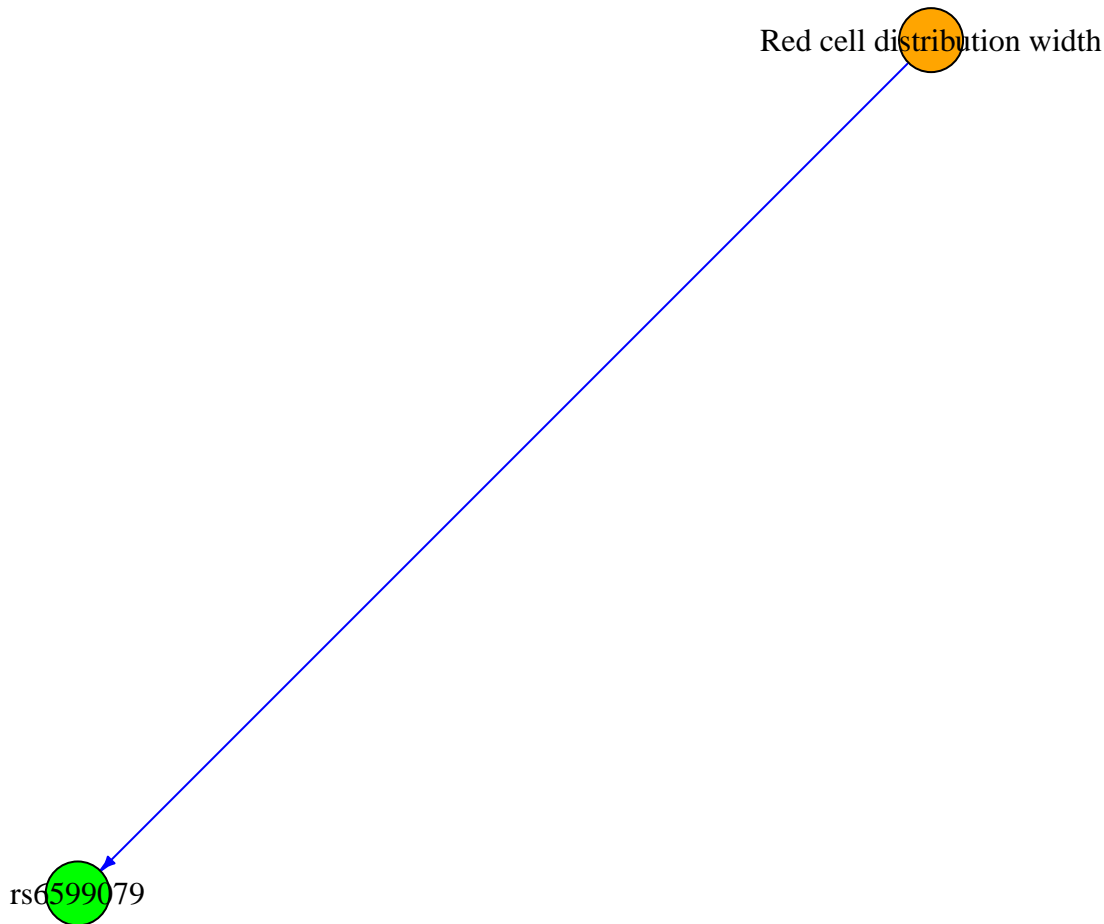


## Variant–Disease Network (Red blood cell traits)

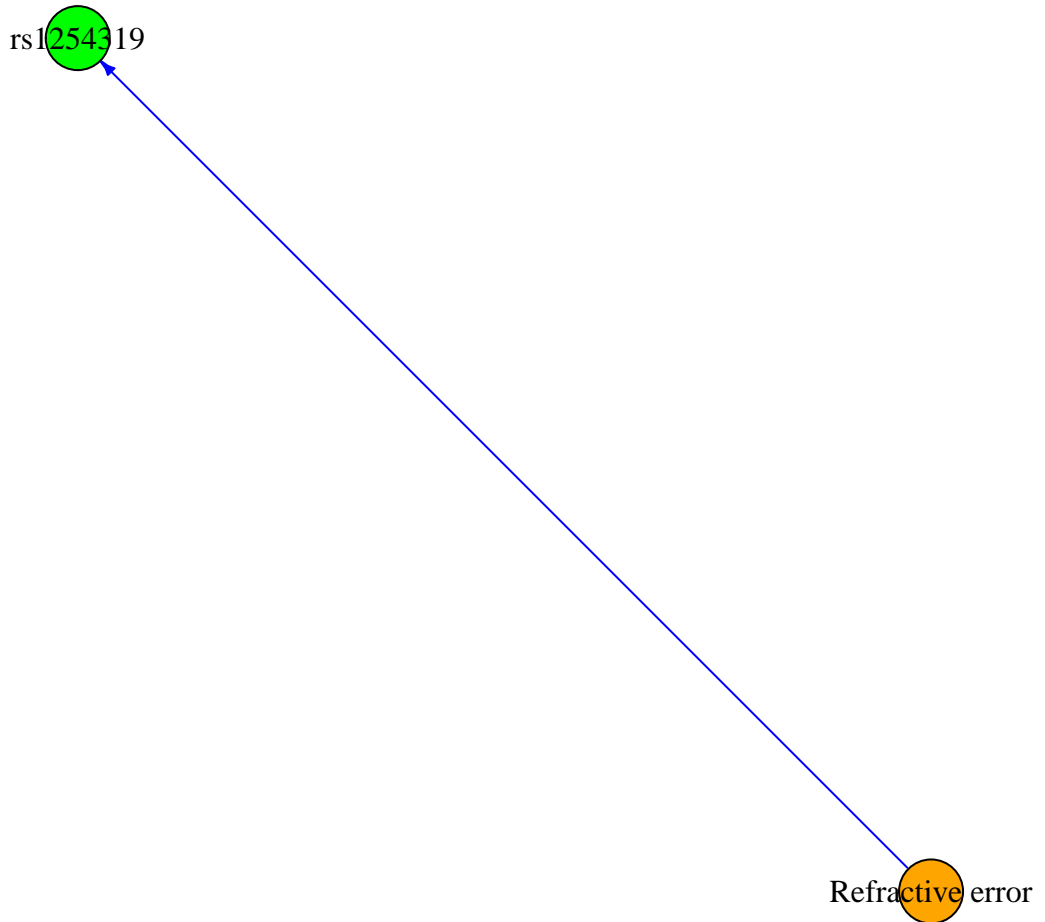




# Variant–Disease Network (Red cell distribution width)



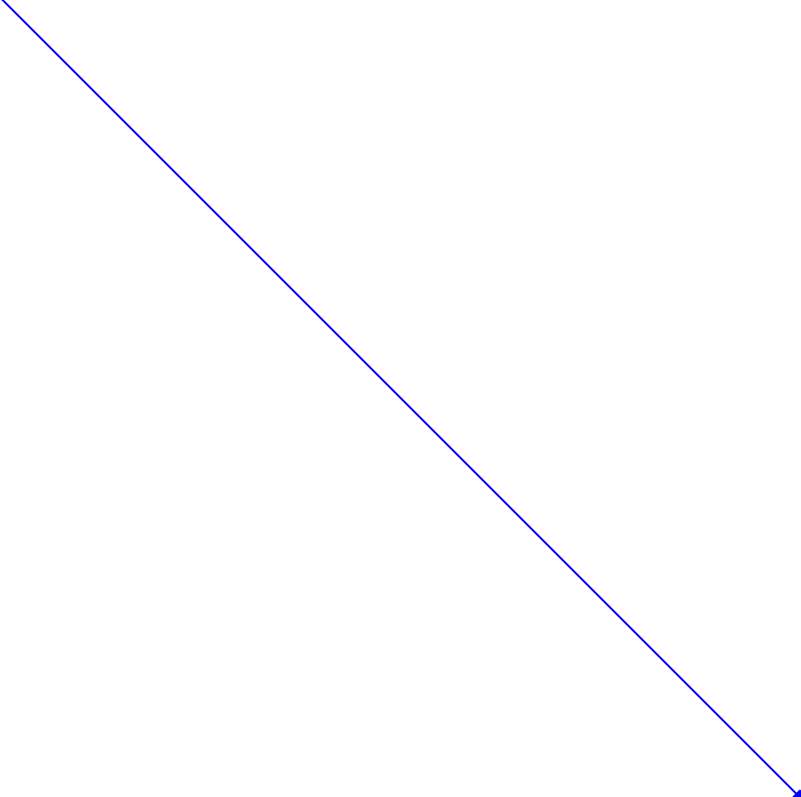
## Variant-Disease Network (Refractive error)



## Variant–Disease Network (Reticulocyte count)

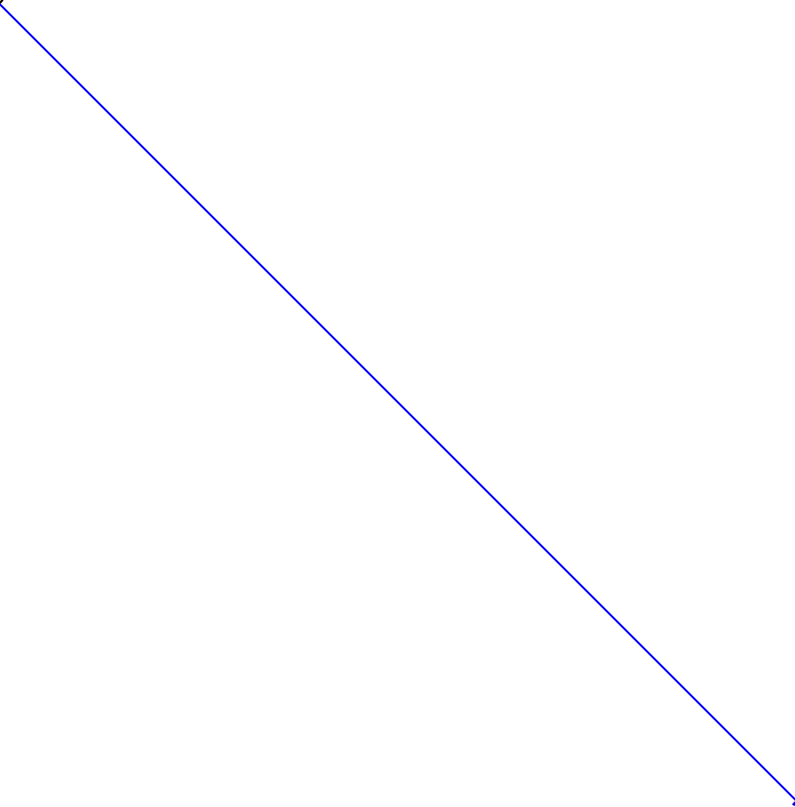
Reticulocyte count

rs1499280



# Variant–Disease Network (Reticulocyte fraction of red cells)

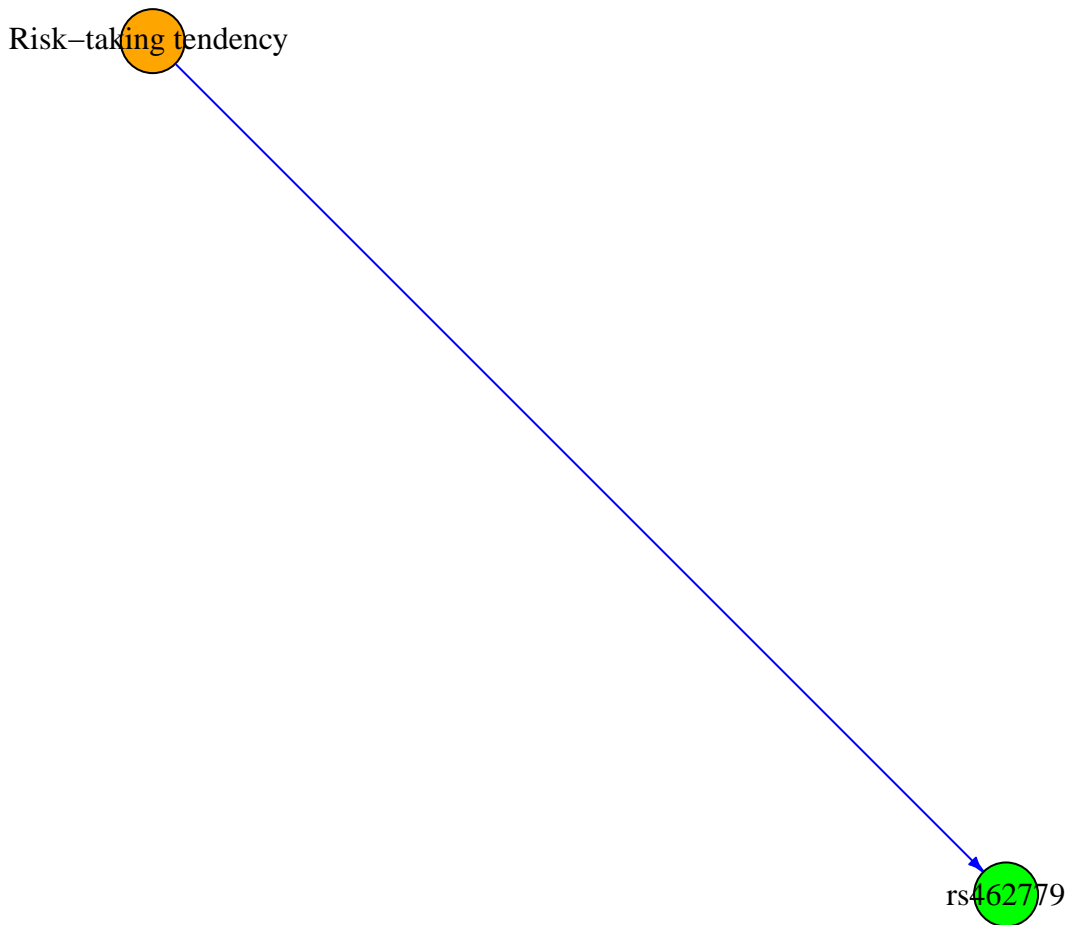
Reticulocyte fraction of red cells



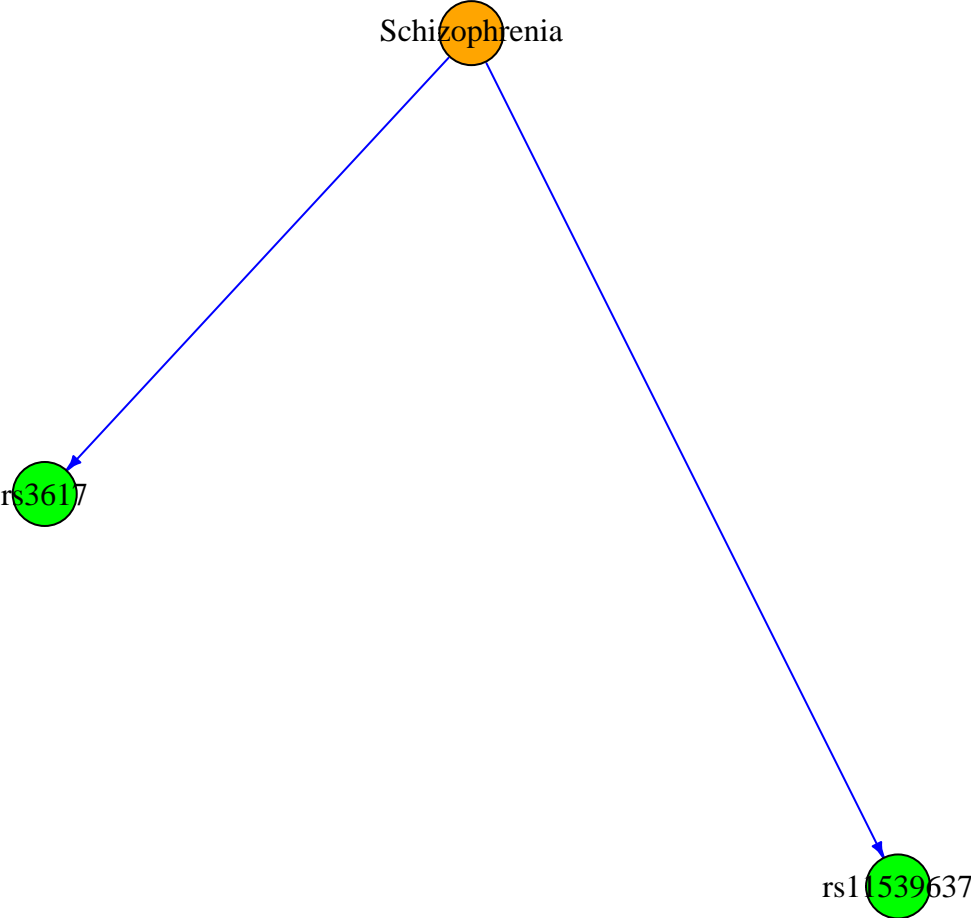
rs1499280



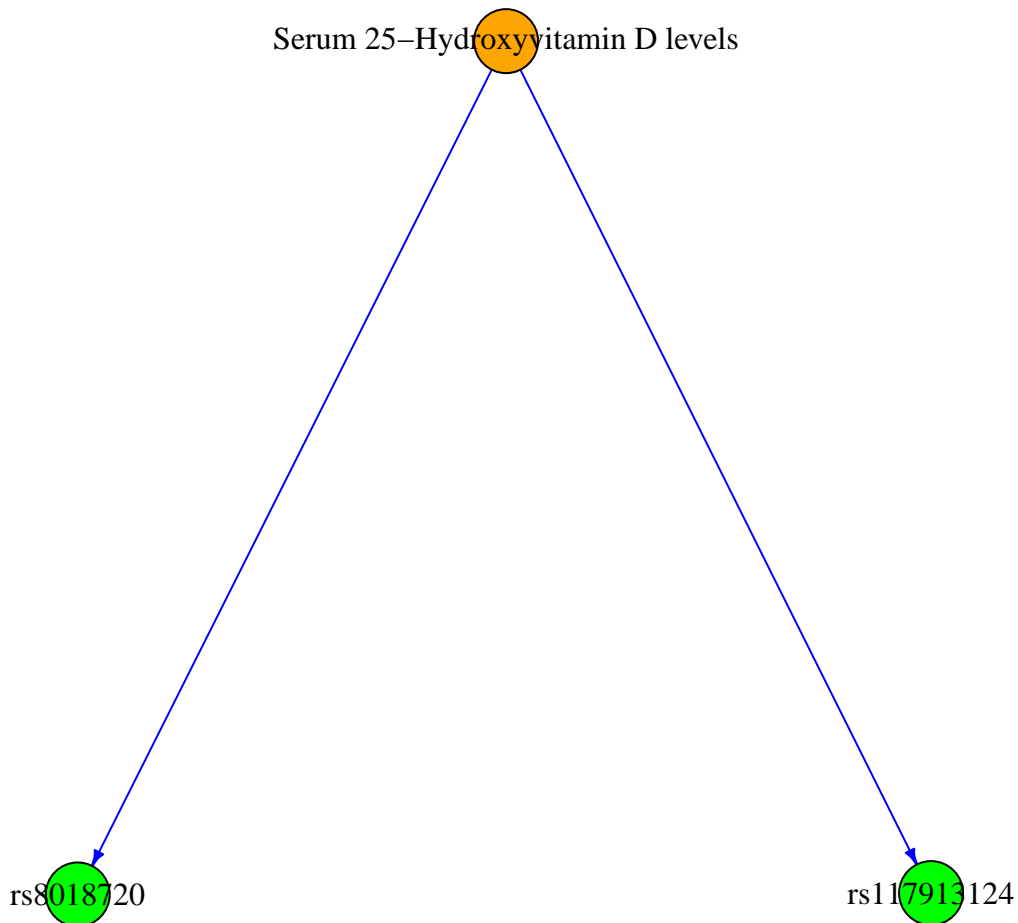
## Variant–Disease Network (Risk-taking tendency )



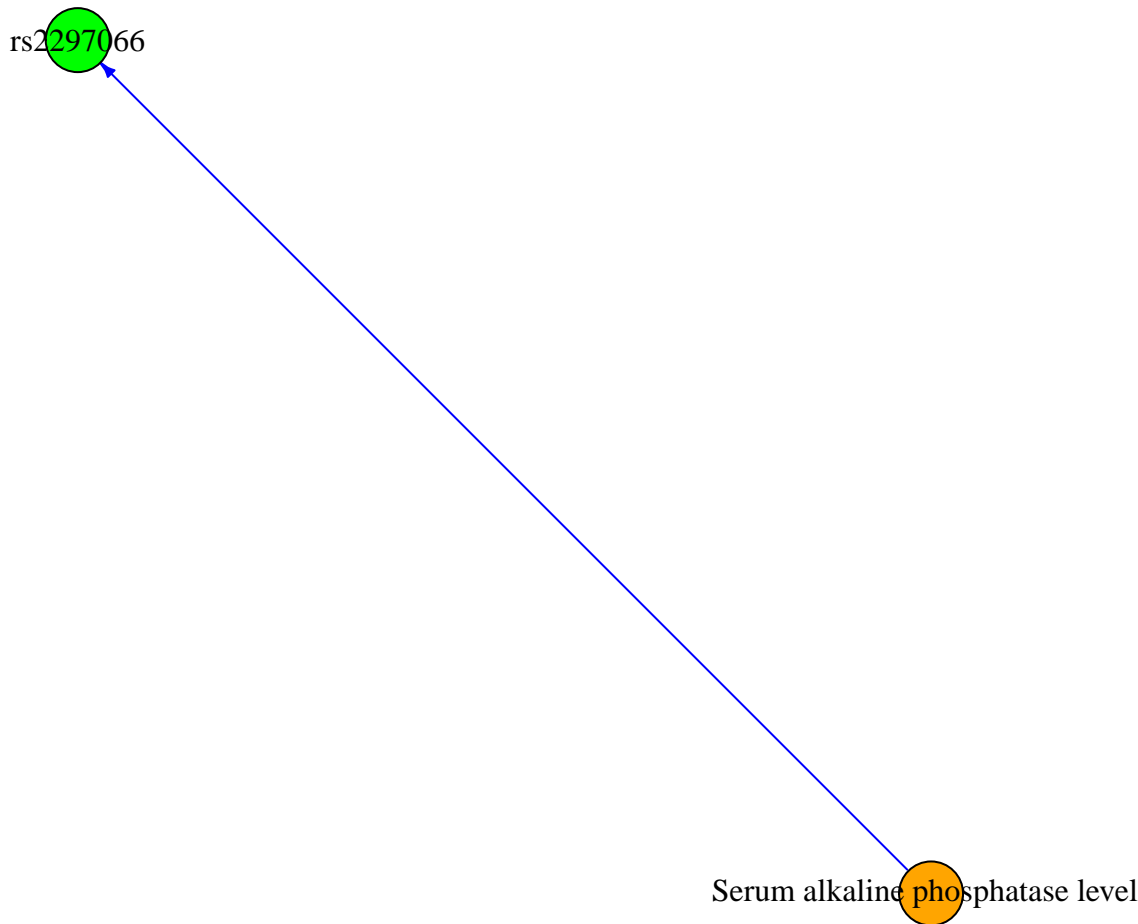
**Variant–Disease Network (Schizophrenia)**



# Variant–Disease Network (Serum 25–Hydroxyvitamin D levels)



## Variant–Disease Network (Serum alkaline phosphatase levels)

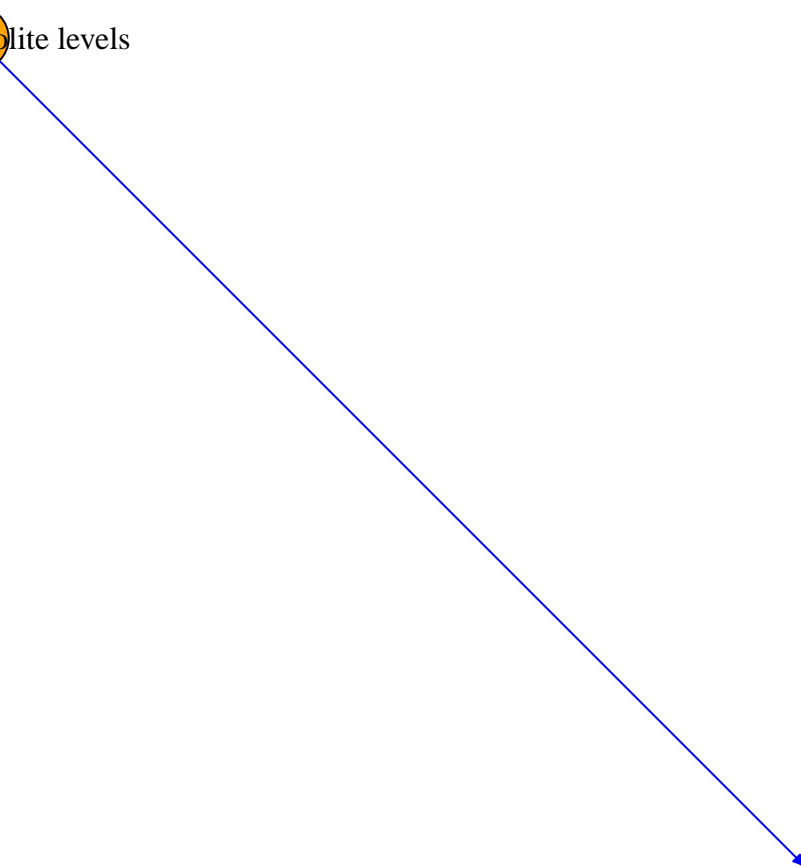




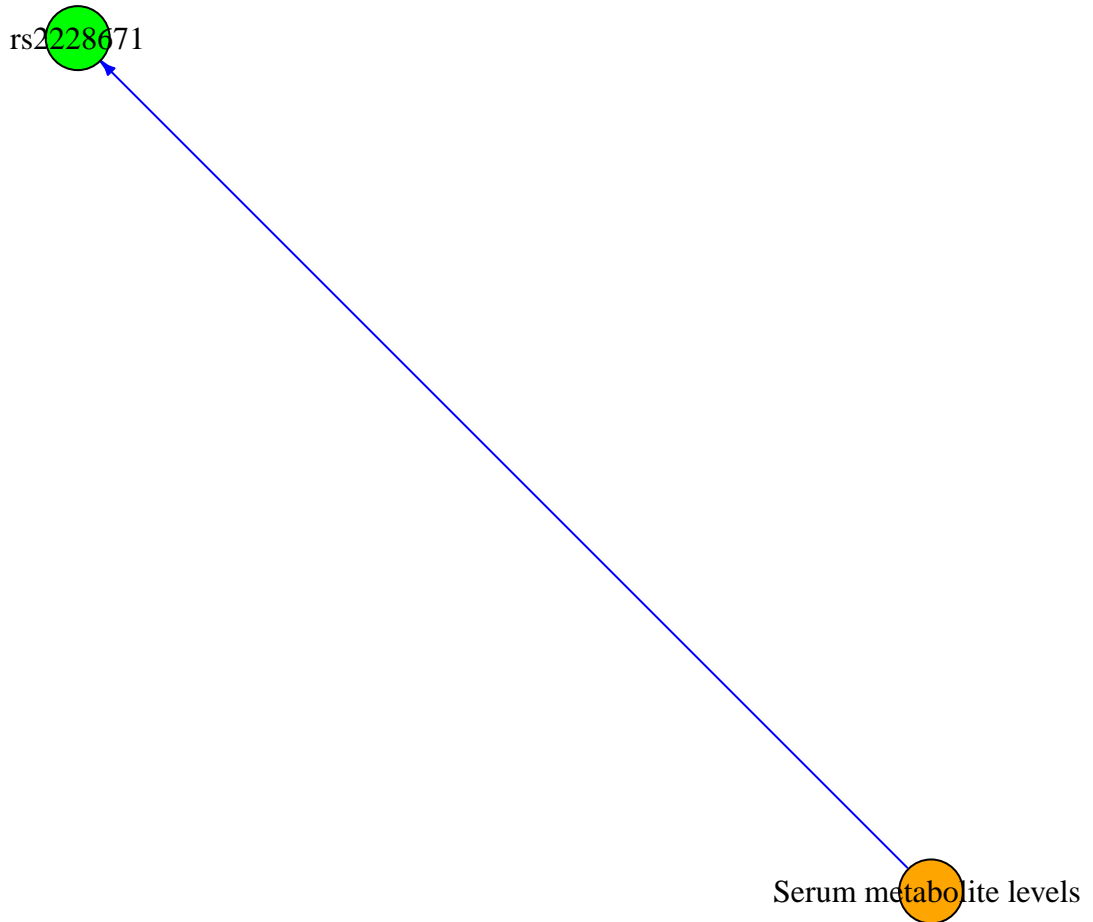
## Variant–Disease Network (Serum metabolite levels)

Serum metabolite levels

rs2228671



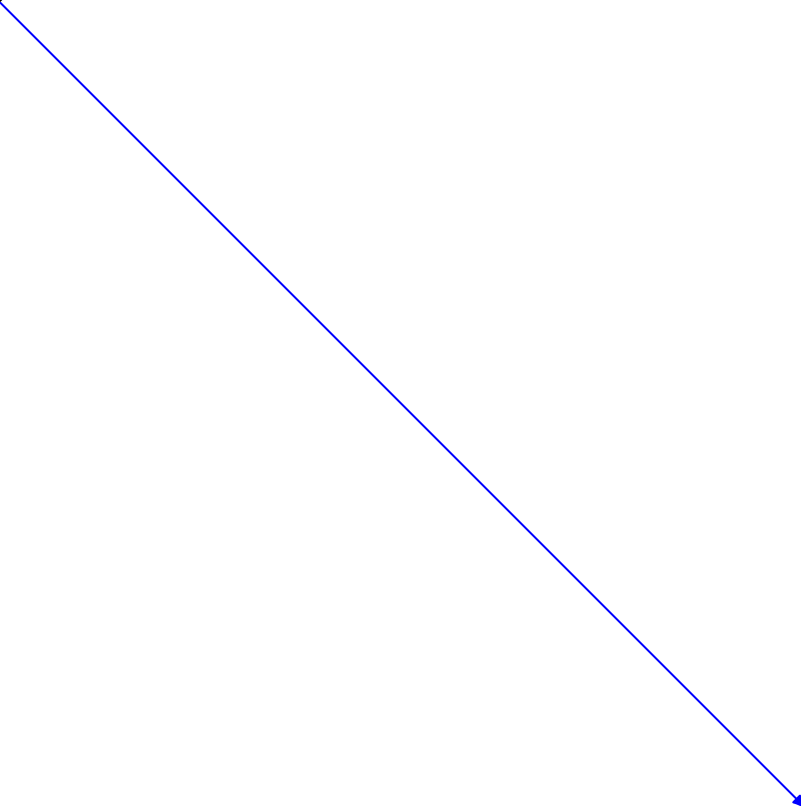
# Variant-Disease Network (Serum metabolite levels )



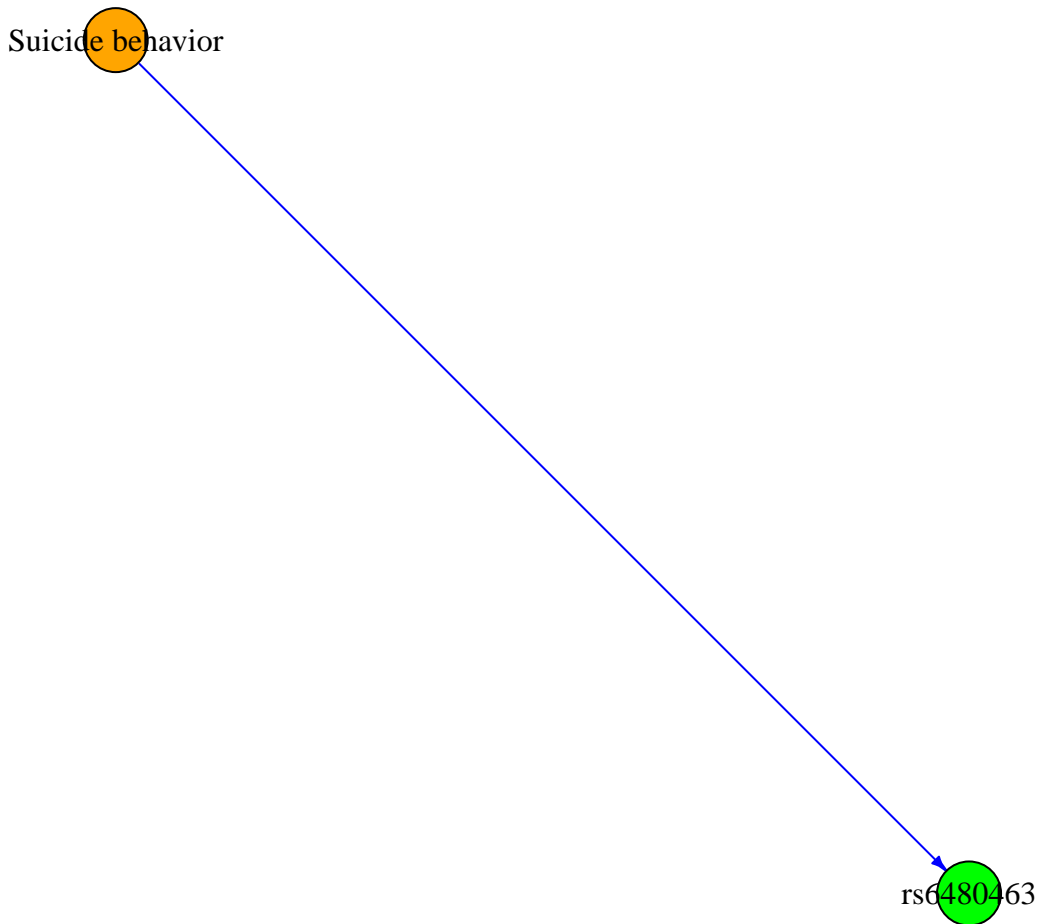
## Variant–Disease Network (Smoking initiation )

Smoking initiation

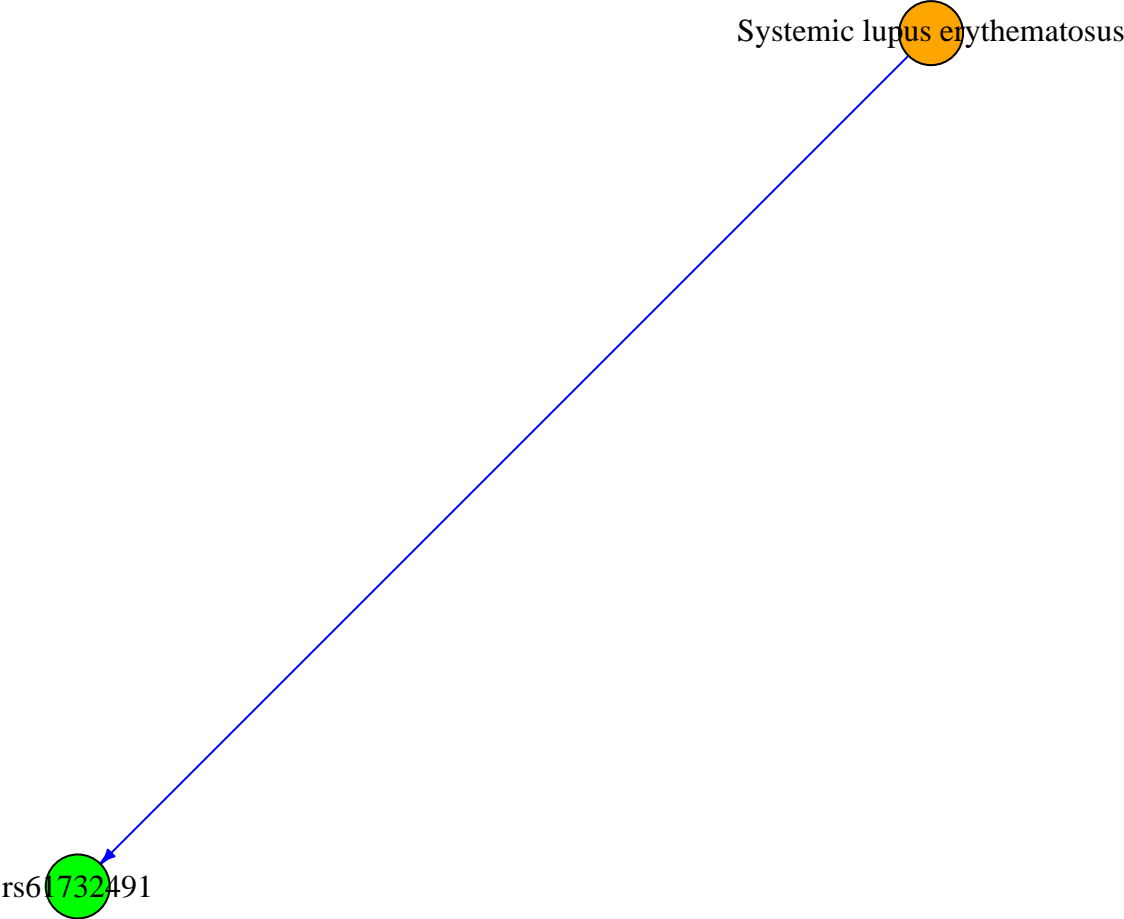
rs2304693



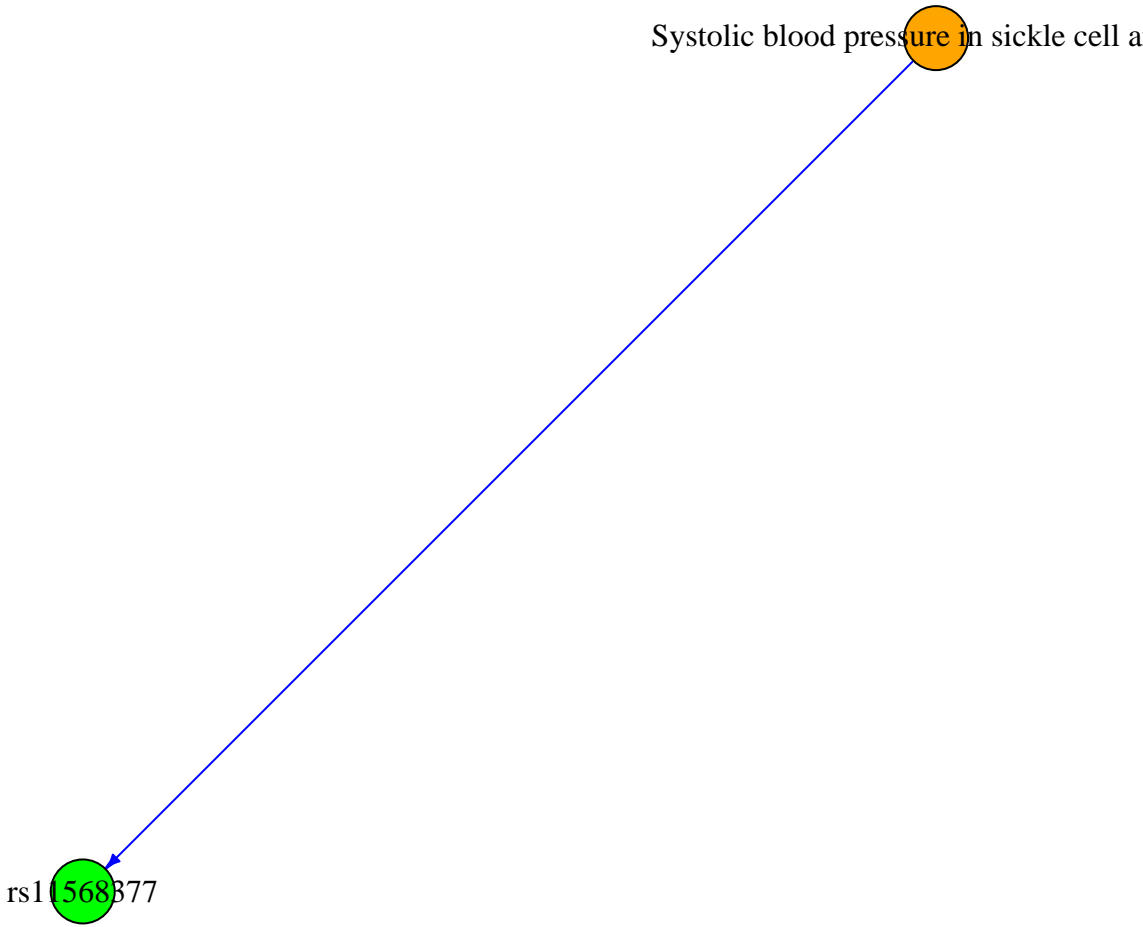
## Variant-Disease Network (Suicide behavior)



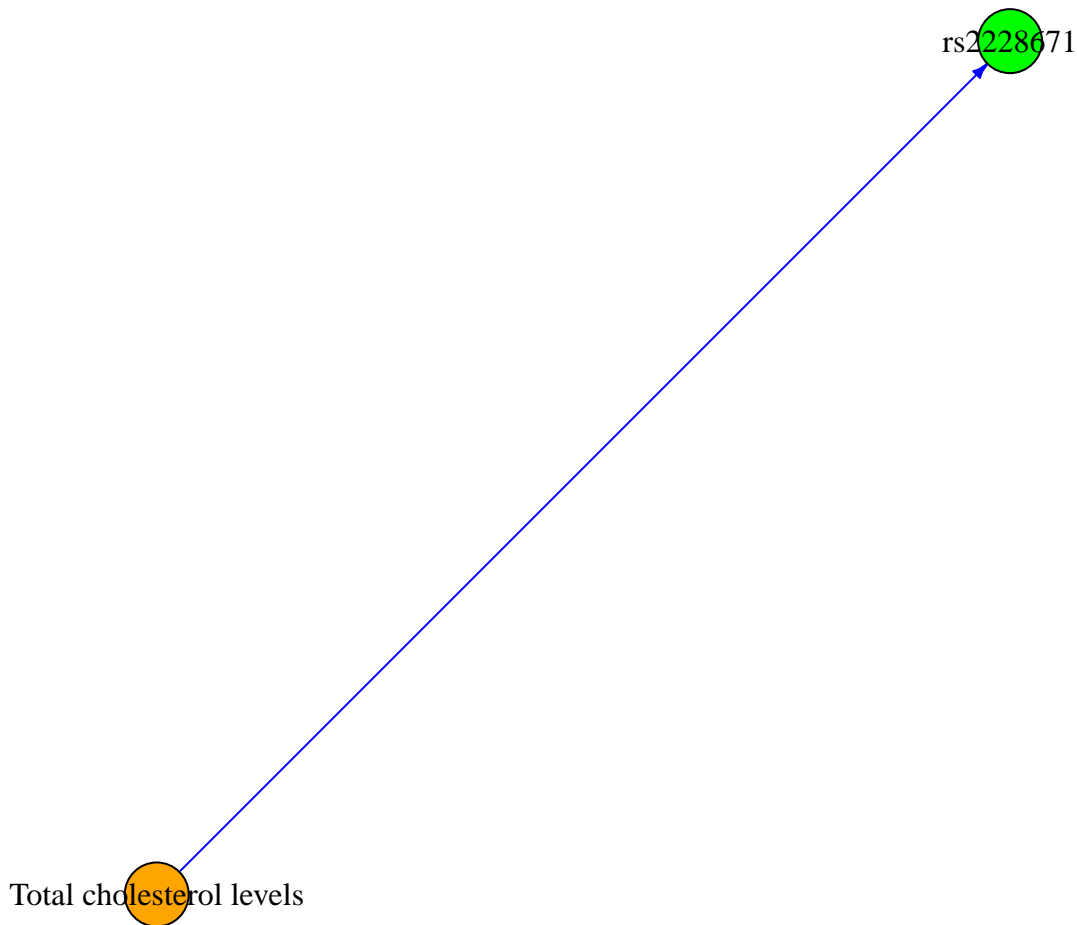
Variant–Disease Network (Systemic lupus erythematosus)



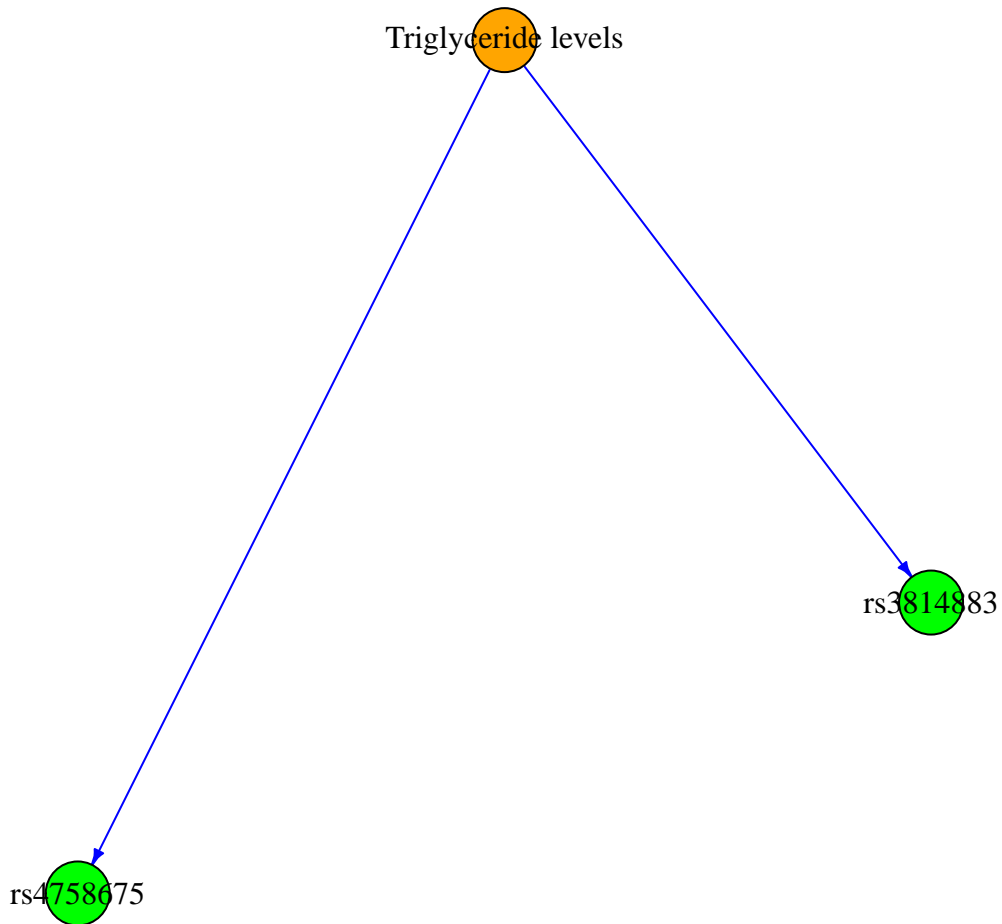
**Variant–Disease Network (Systolic blood pressure in sickle cell anemia)**



## Variant–Disease Network (Total cholesterol levels)

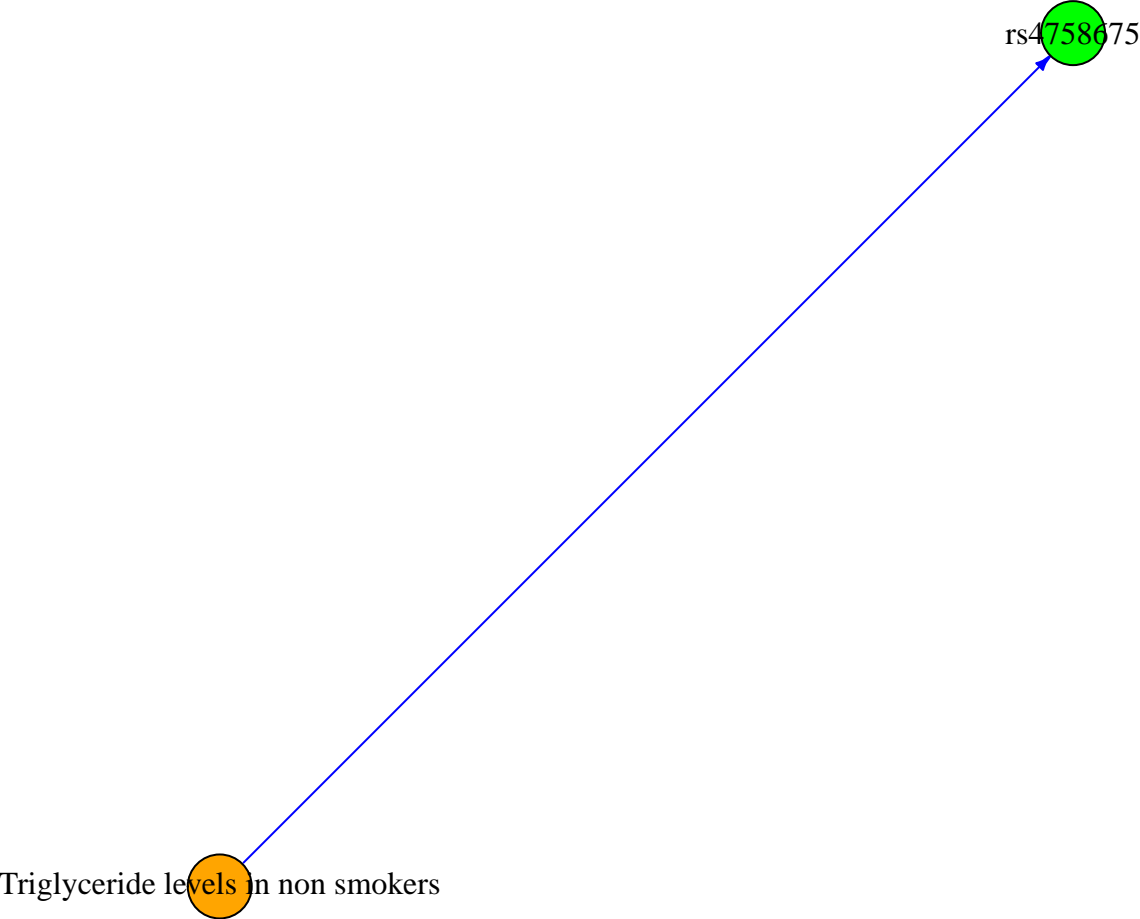


## Variant–Disease Network (Triglyceride levels)





**Variant–Disease Network (Triglyceride levels in non smokers)**

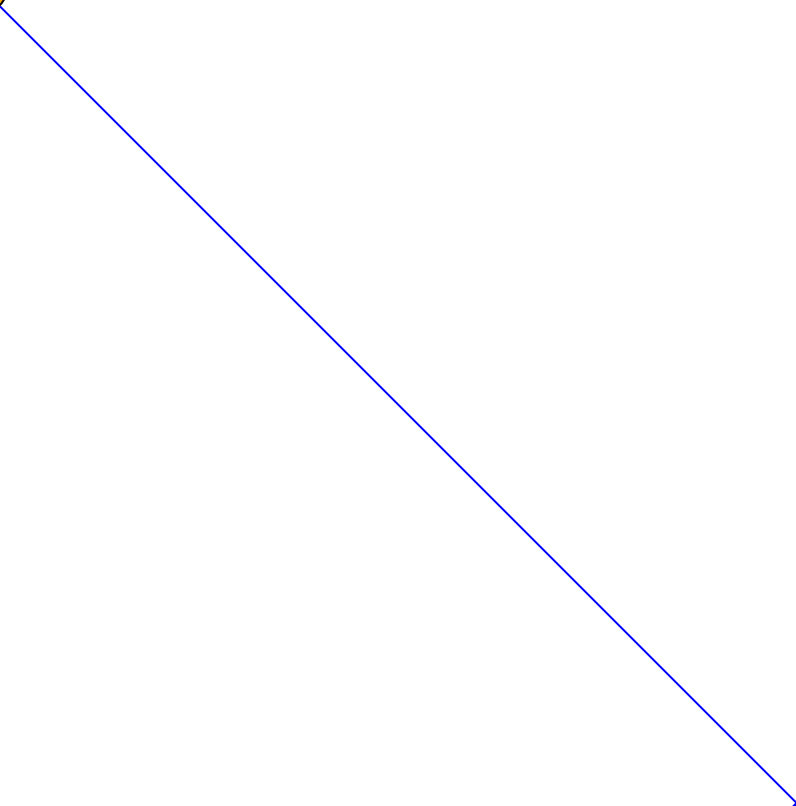


# Variant–Disease Network (Triglyceride levels x smoking interaction )

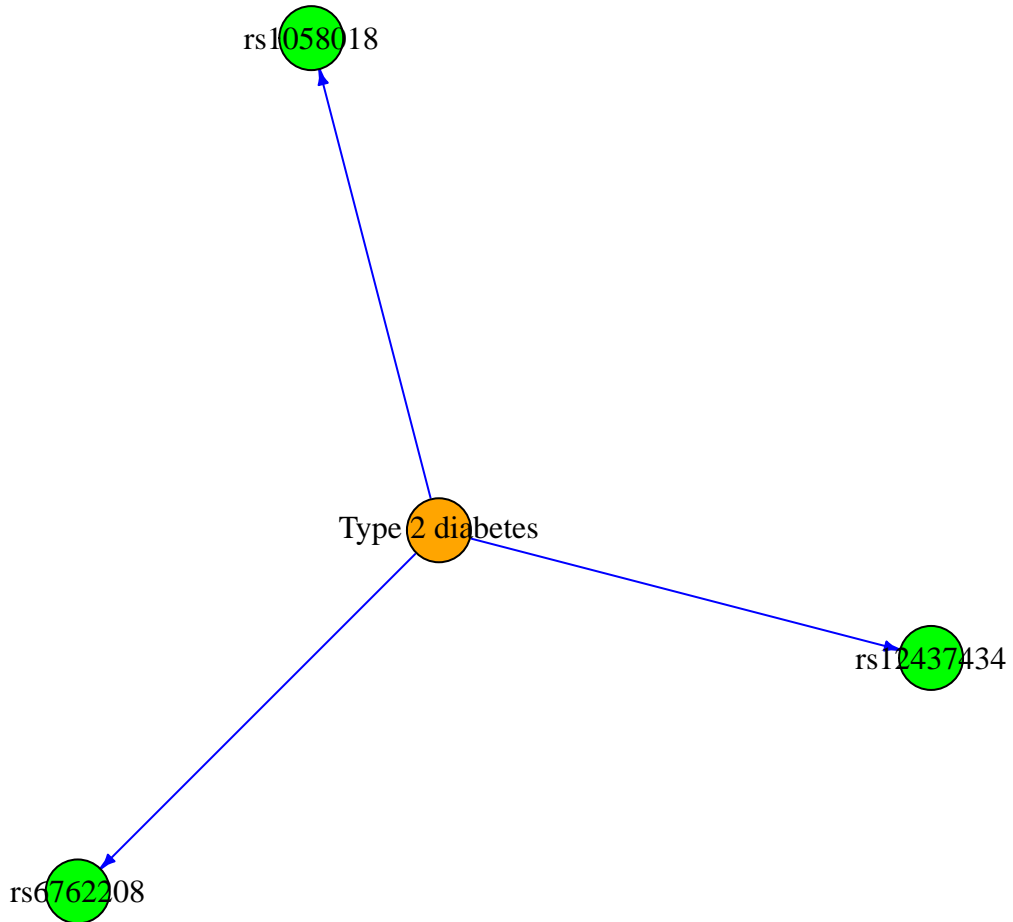
Triglyceride levels x smoking interaction



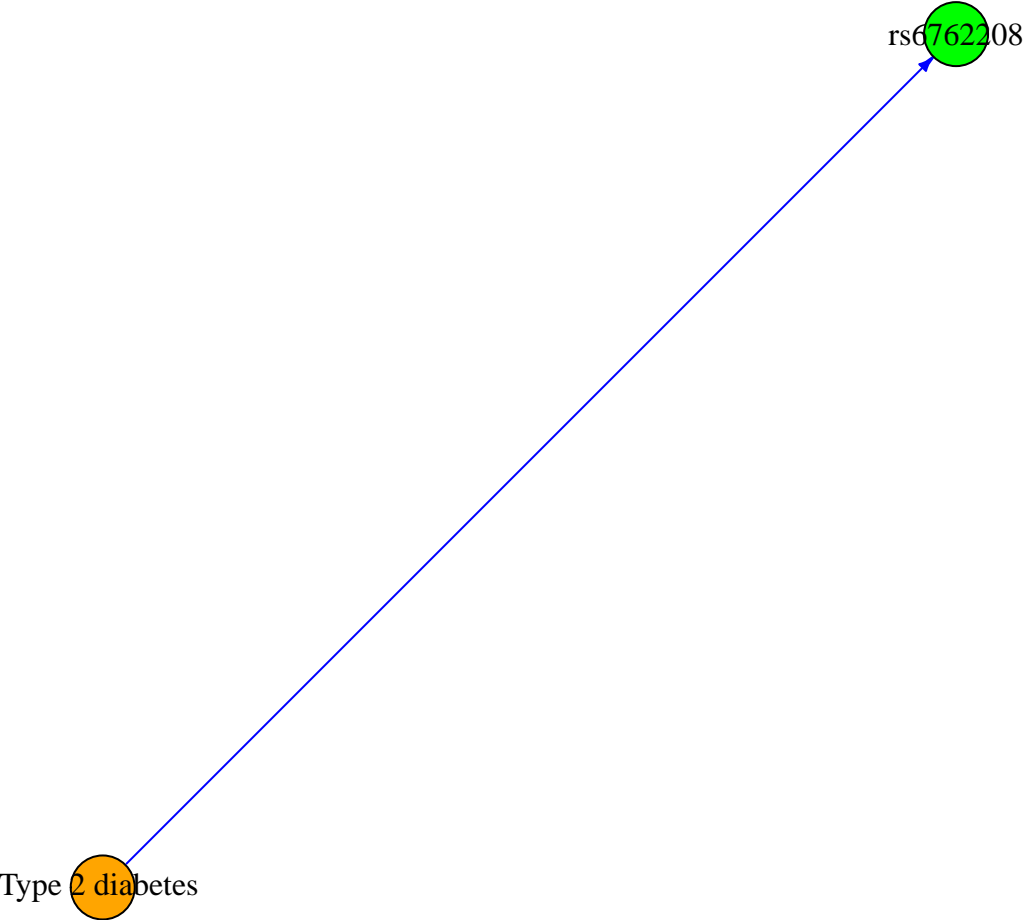
rs4758675



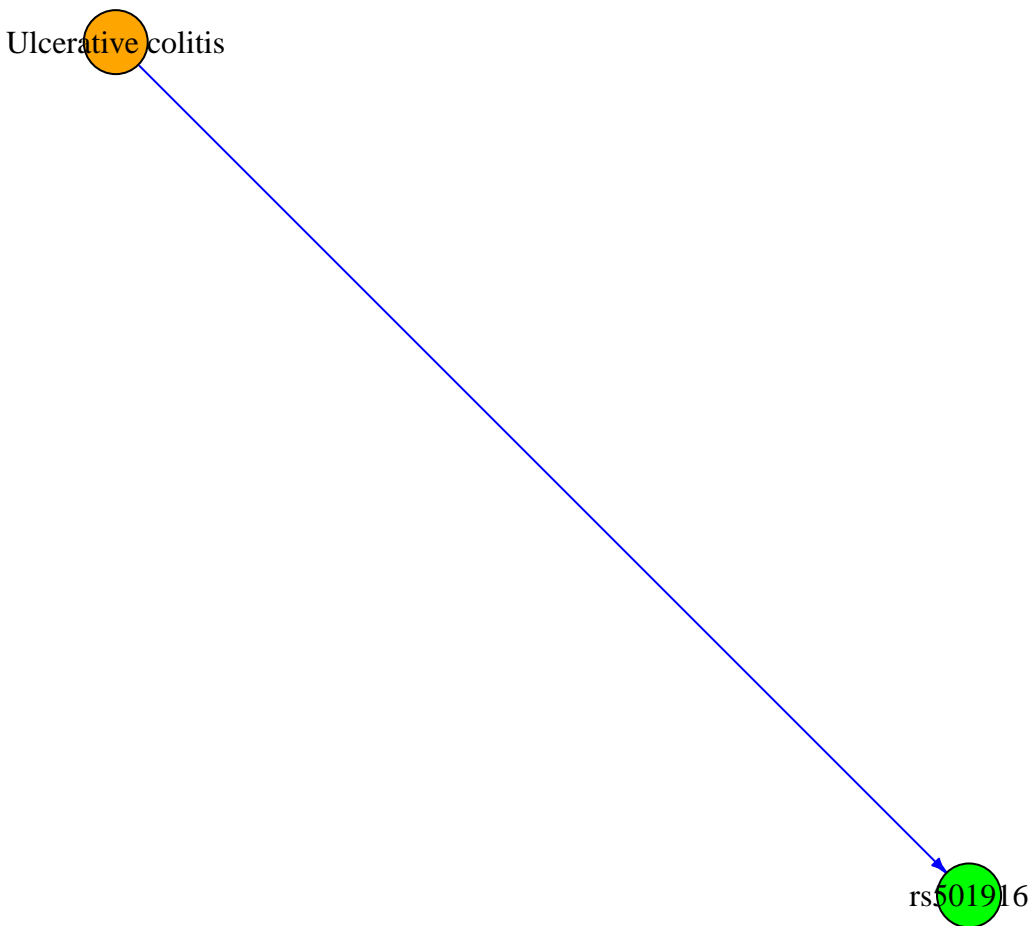
## Variant–Disease Network (Type 2 diabetes)



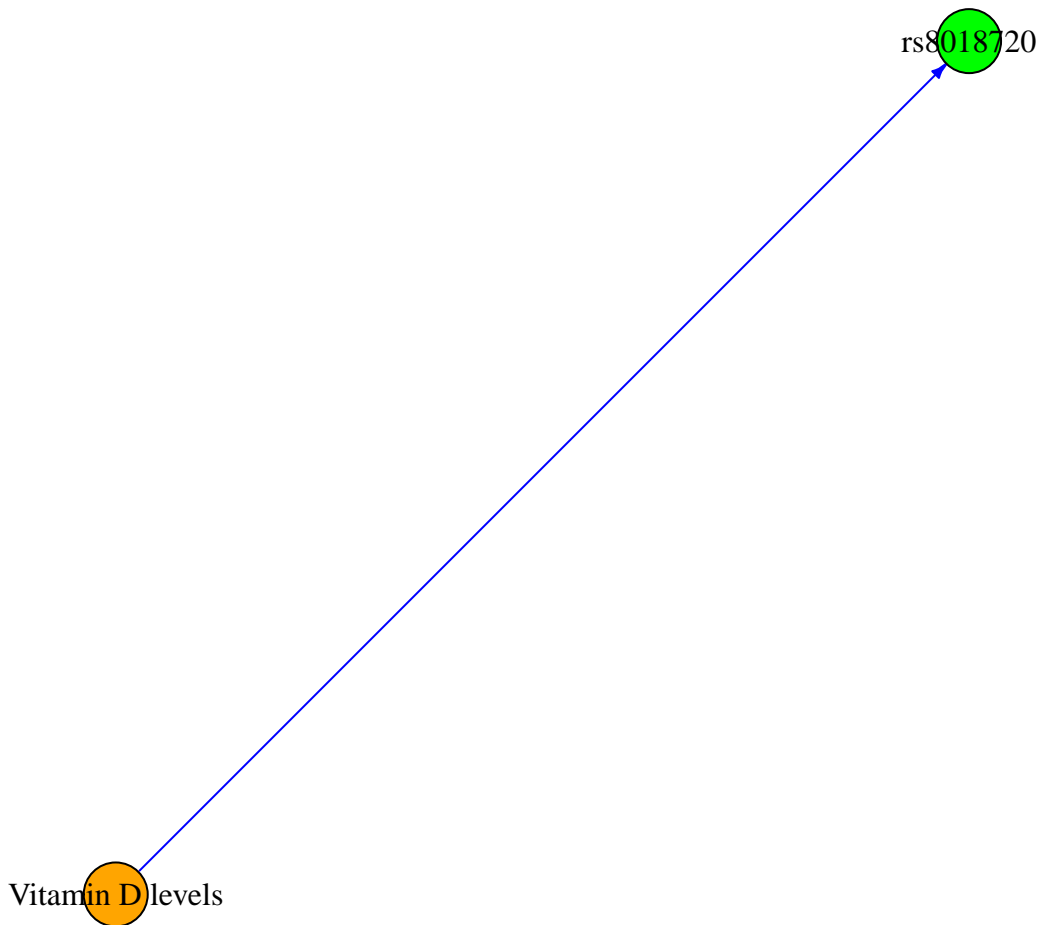
Variant–Disease Network (Type 2 diabetes )



## Variant–Disease Network (Ulcerative colitis)



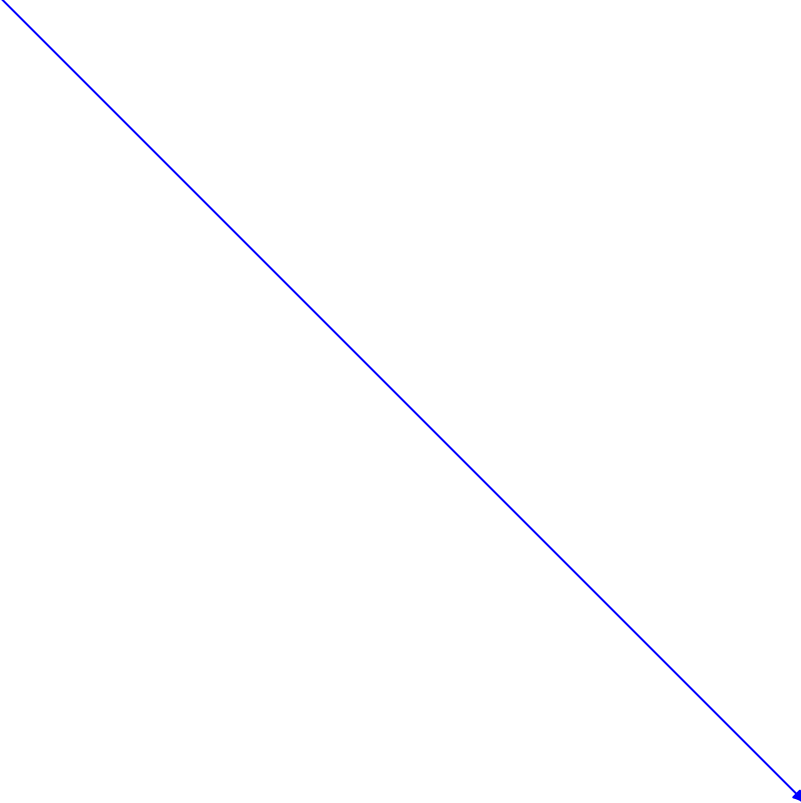
## Variant–Disease Network (Vitamin D levels)



## Variant–Disease Network (Waist–hip ratio)

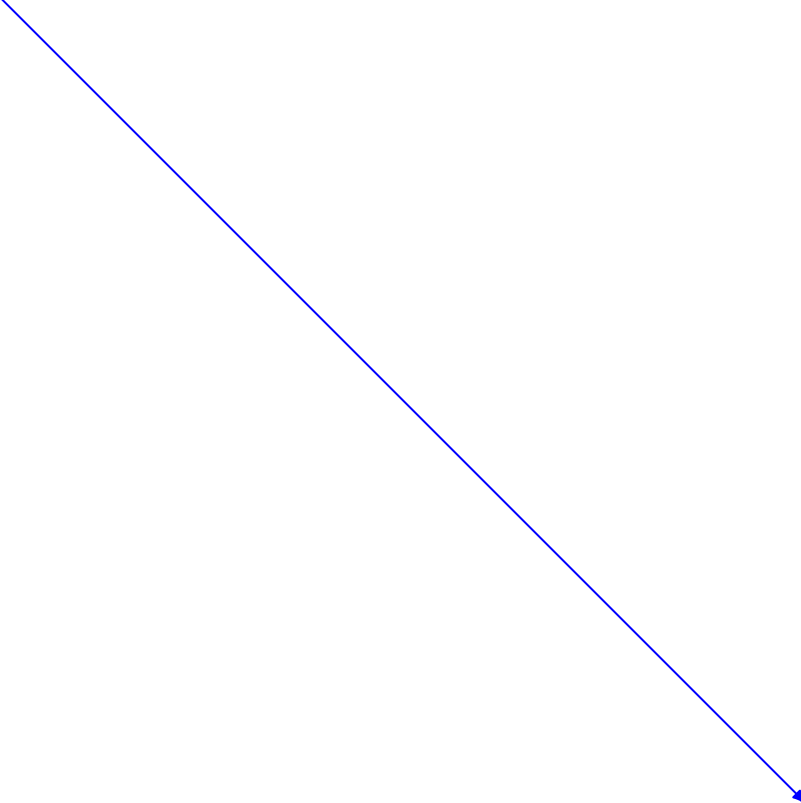
Waist–hip ratio

rs1254319



# Variant-Disease Network (Waist-to-hip ratio adjusted for BMI)

Waist-to-hip ratio adjusted for BMI

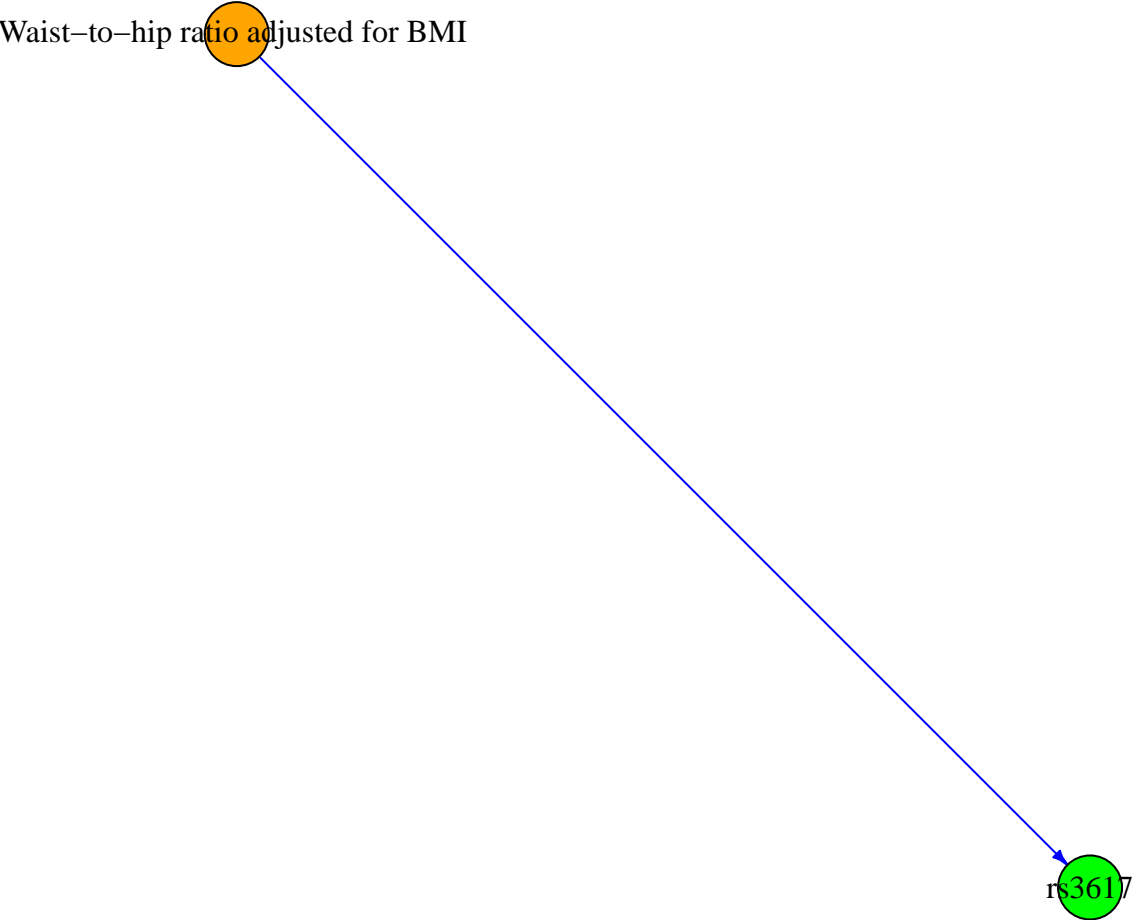


rs1061093





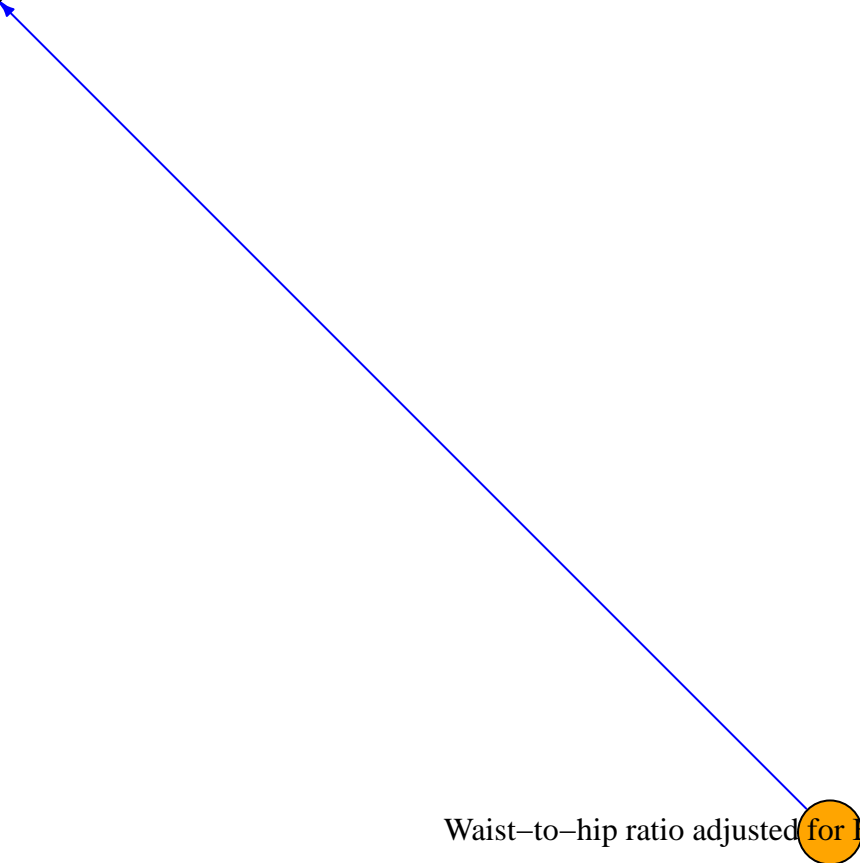
Variant–Disease Network (Waist–to–hip ratio adjusted for BMI )



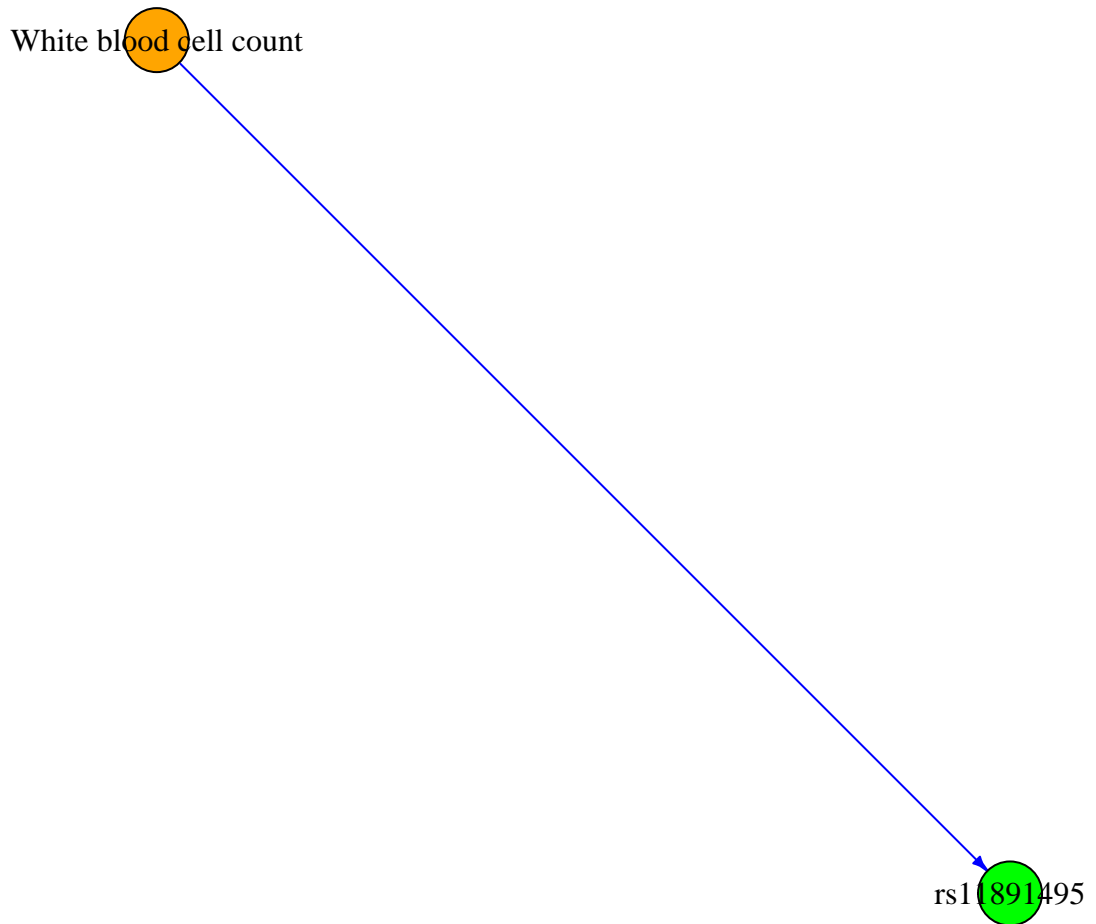
# Variant-Disease Network (Waist-to-hip ratio adjusted for BMI x sex x age interaction)

rs1061093

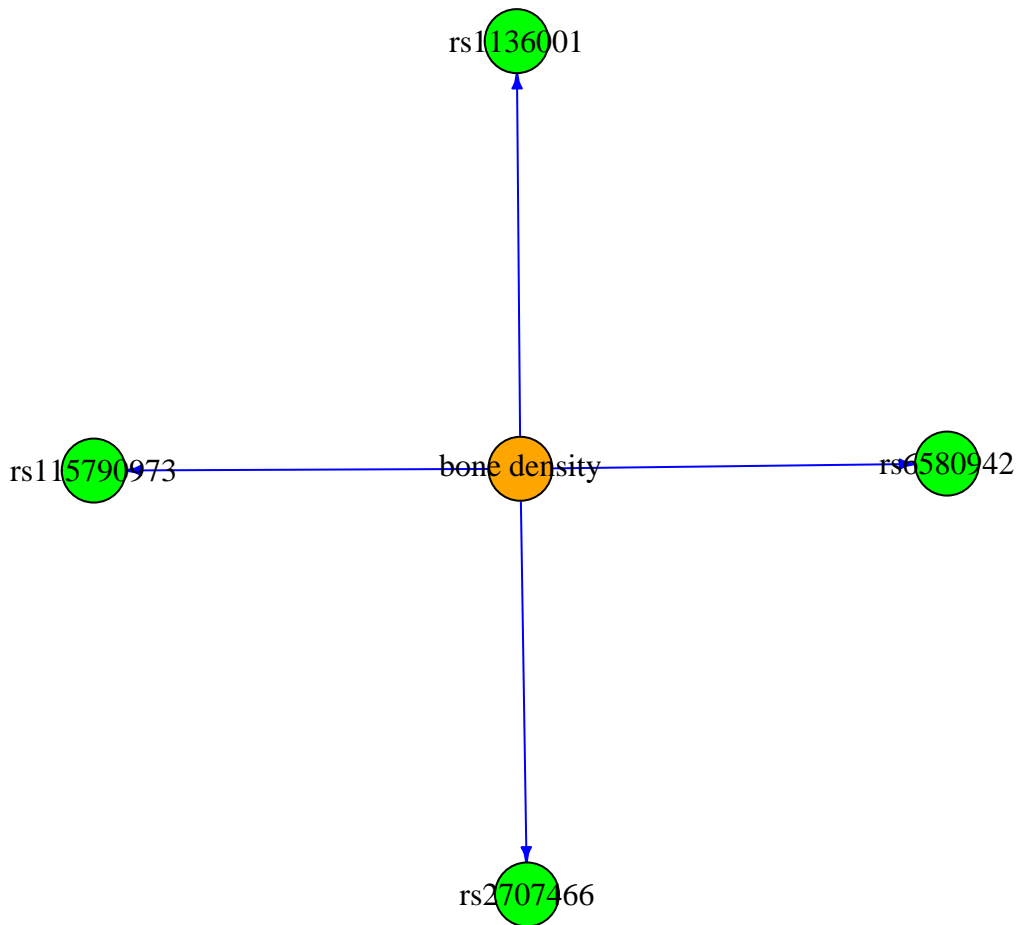
Waist-to-hip ratio adjusted for BMI x sex x age



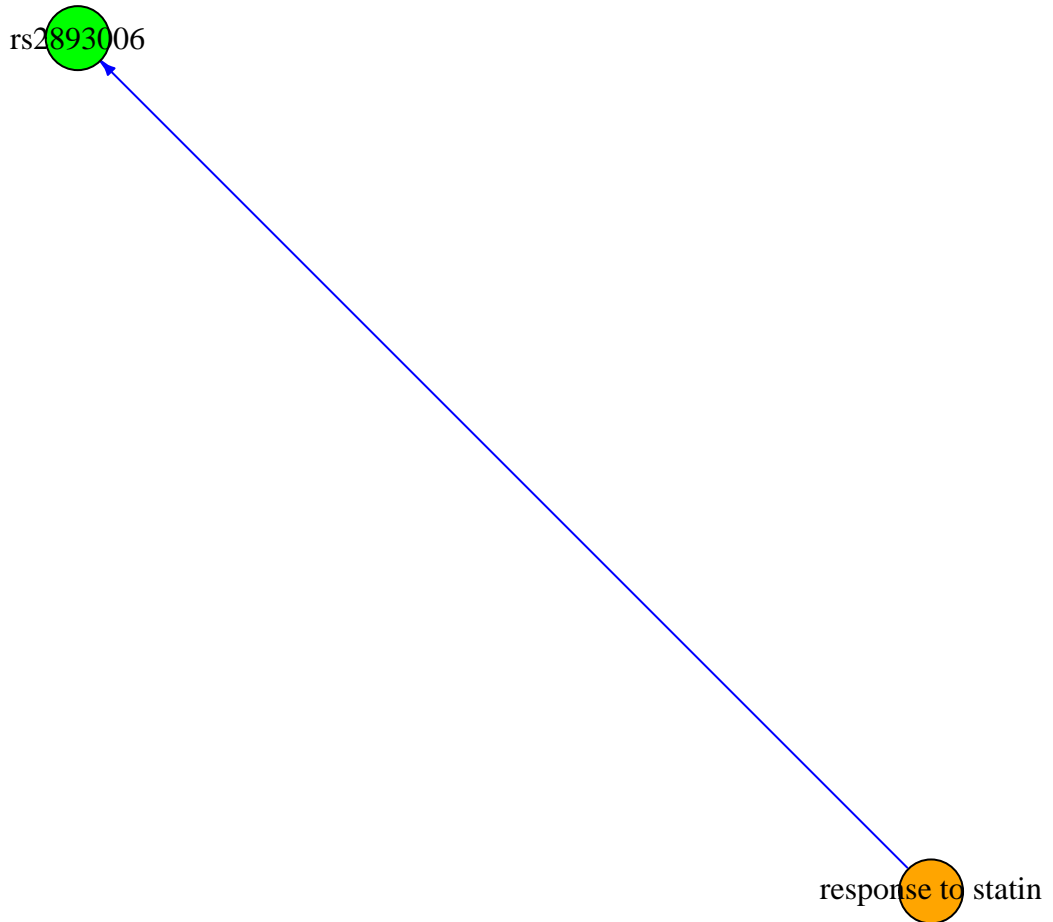
## Variant–Disease Network (White blood cell count)



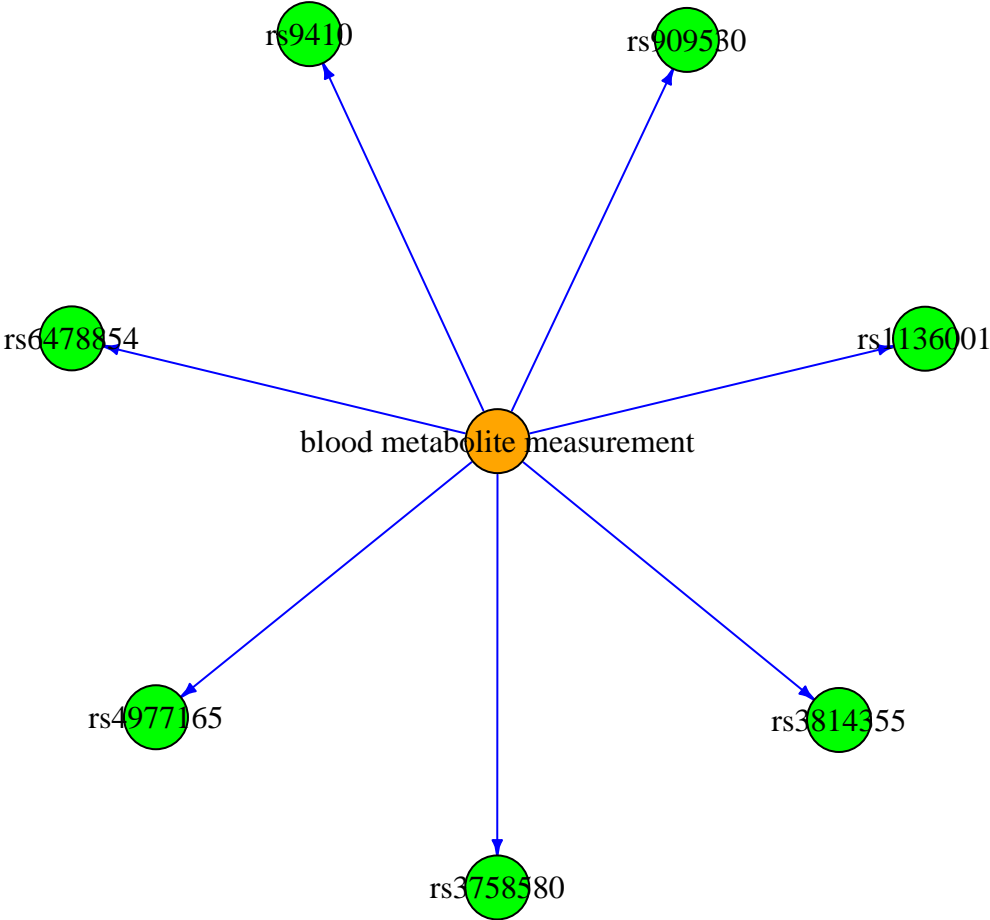
## Variant–Disease Network (bone density)



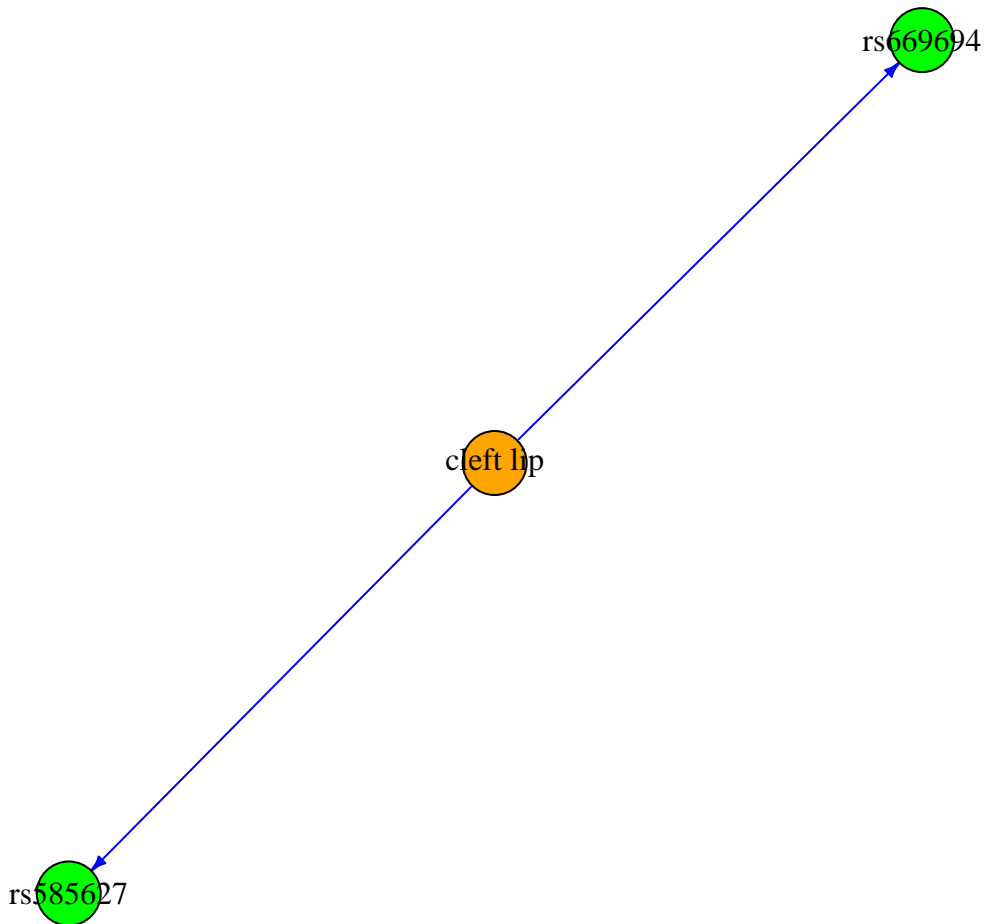
## Variant–Disease Network (response to statin)



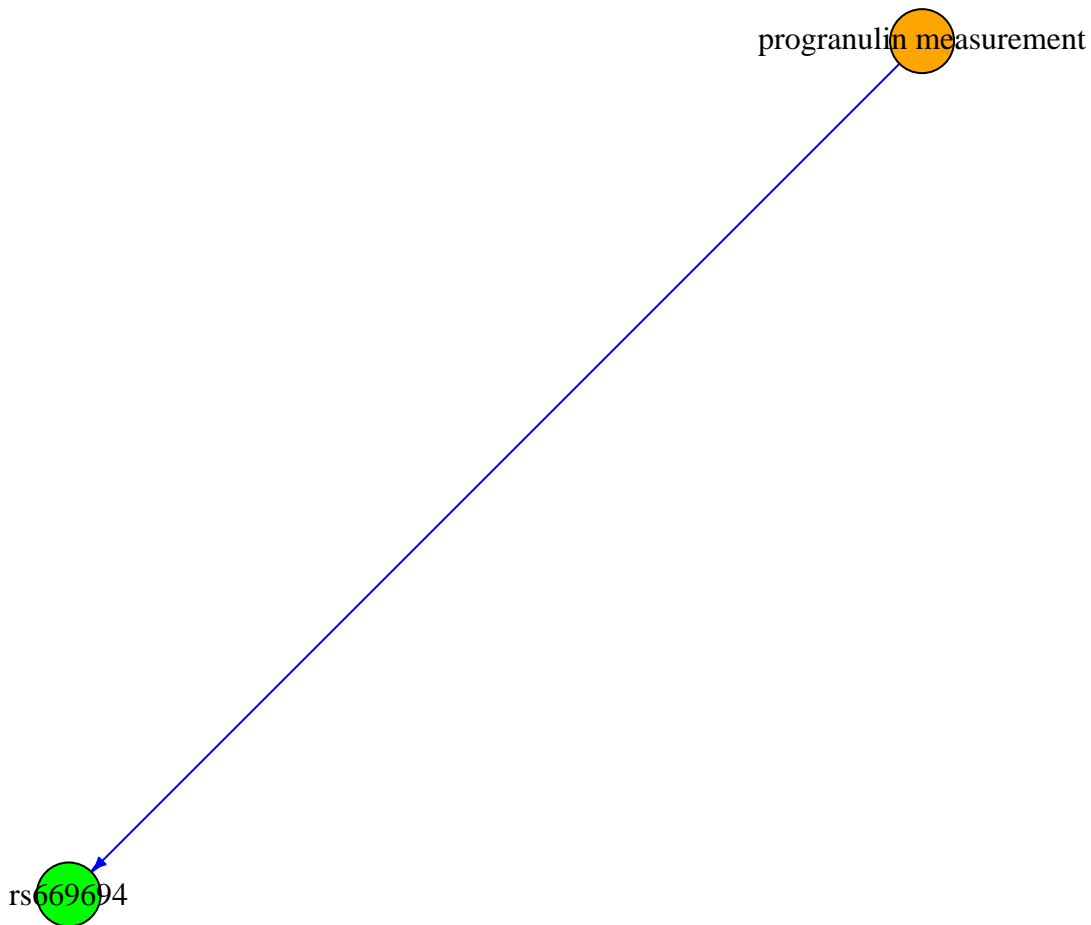
**Variant–Disease Network (blood metabolite measurement)**



## Variant–Disease Network (cleft lip)

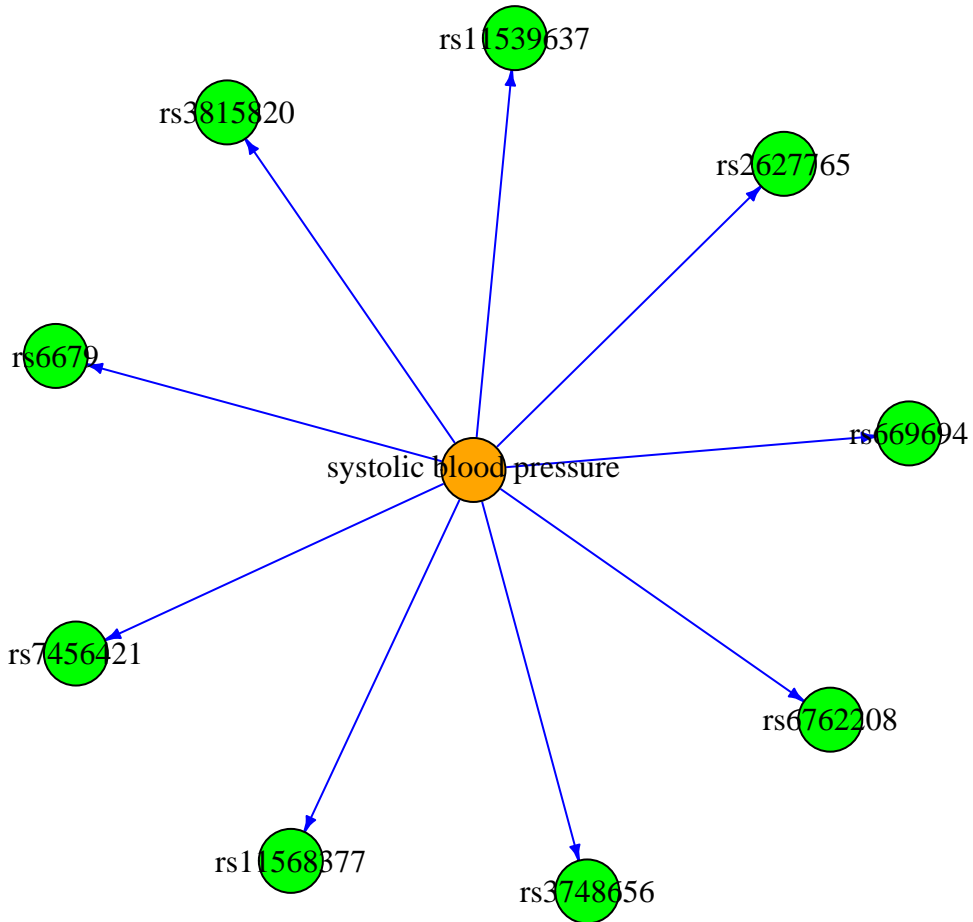


## Variant–Disease Network (progranulin measurement)

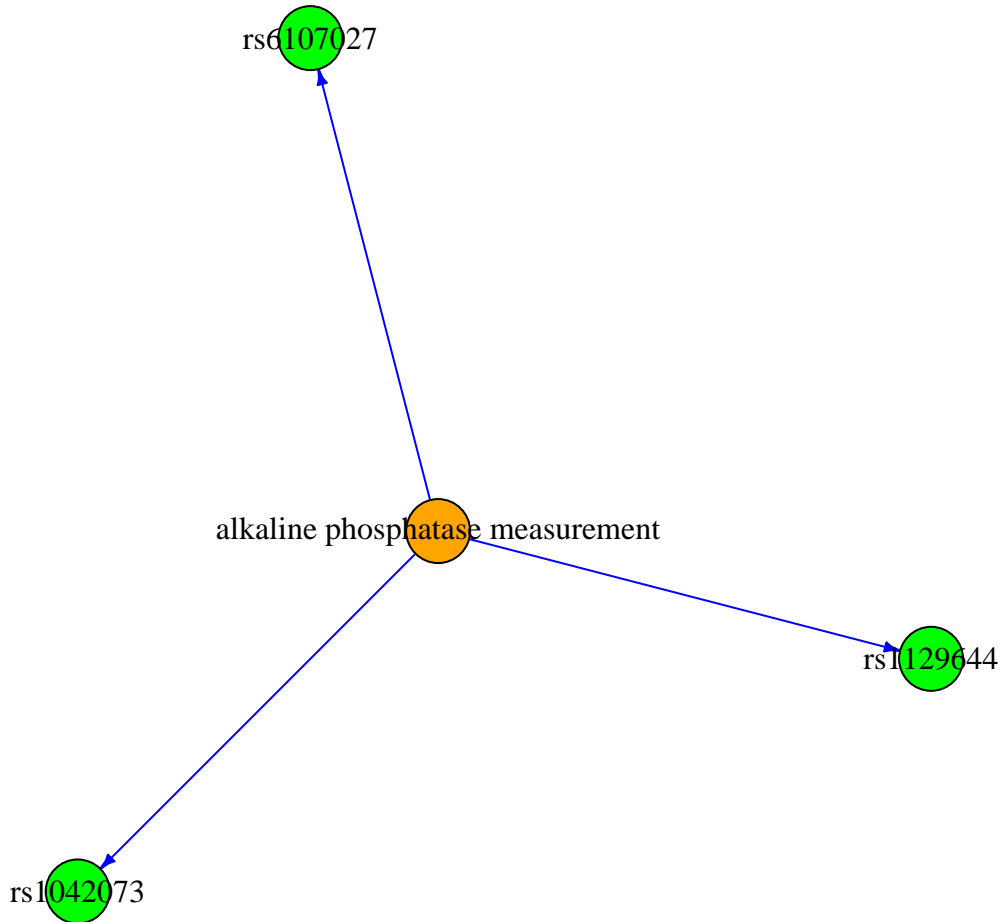




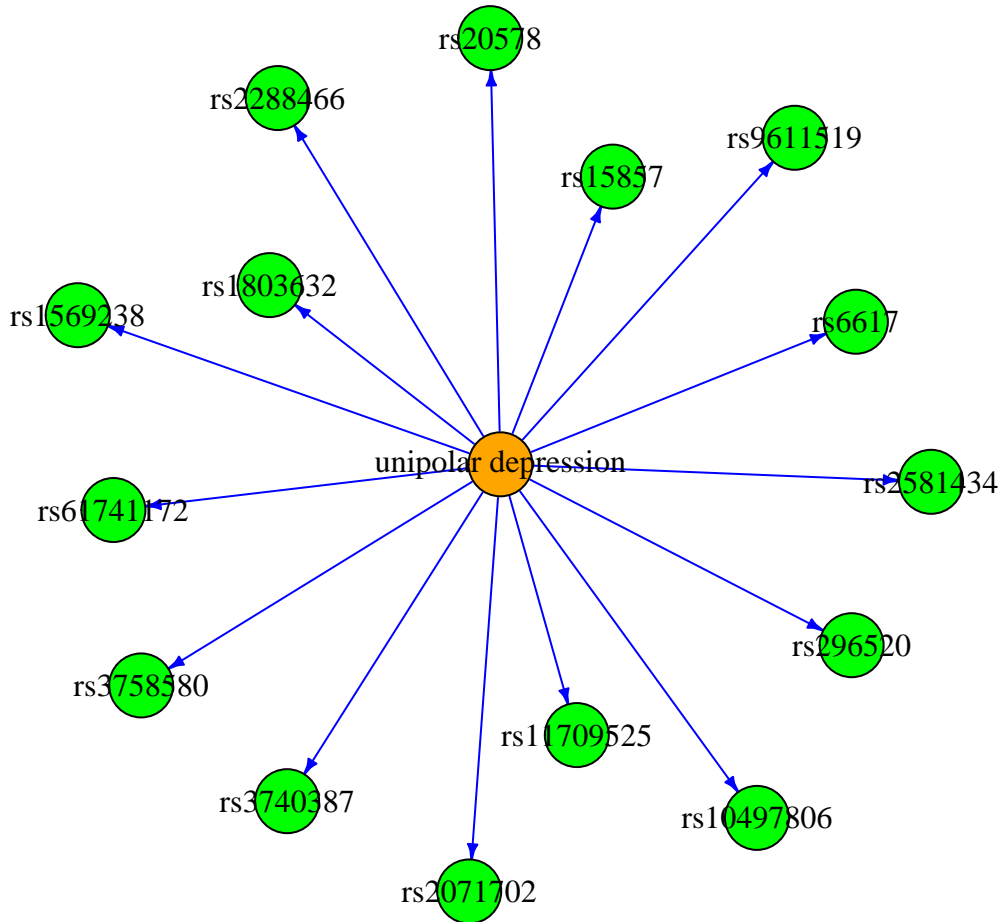
## Variant–Disease Network (systolic blood pressure)



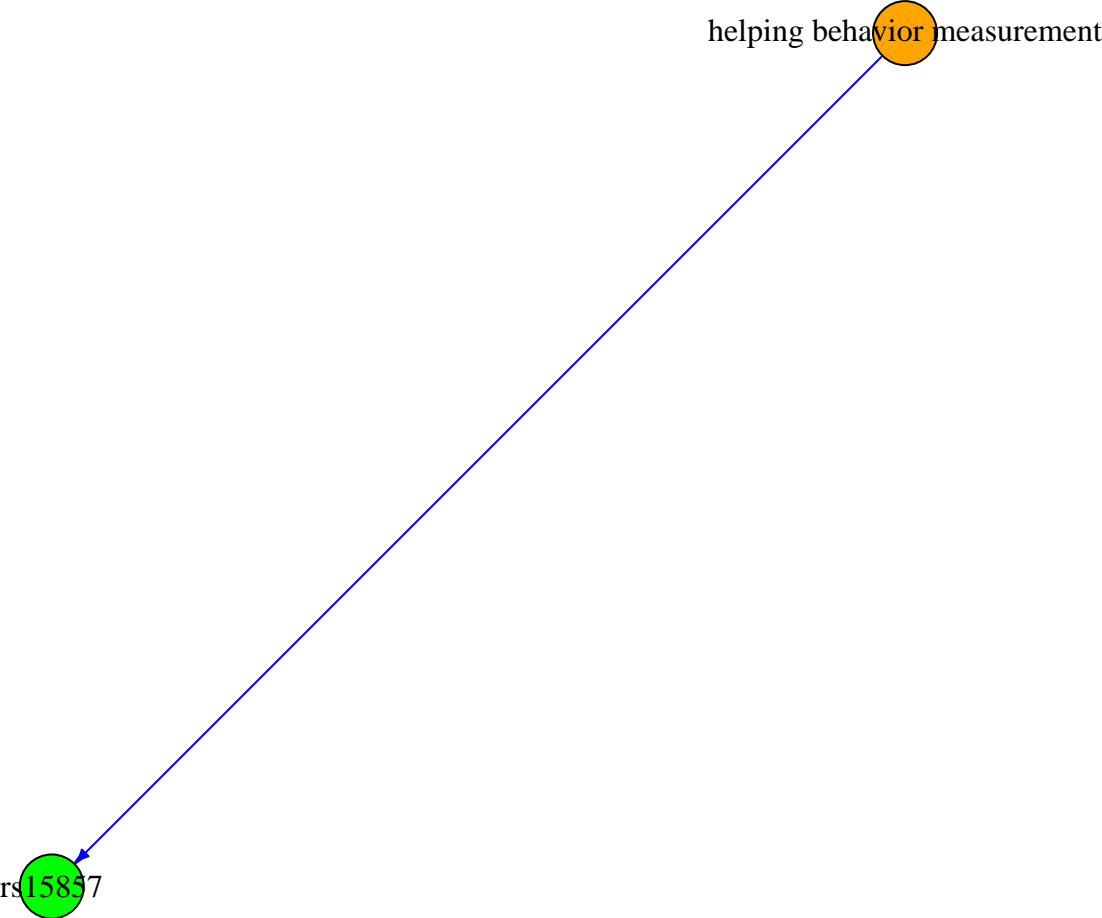
## Variant–Disease Network (alkaline phosphatase measurement)



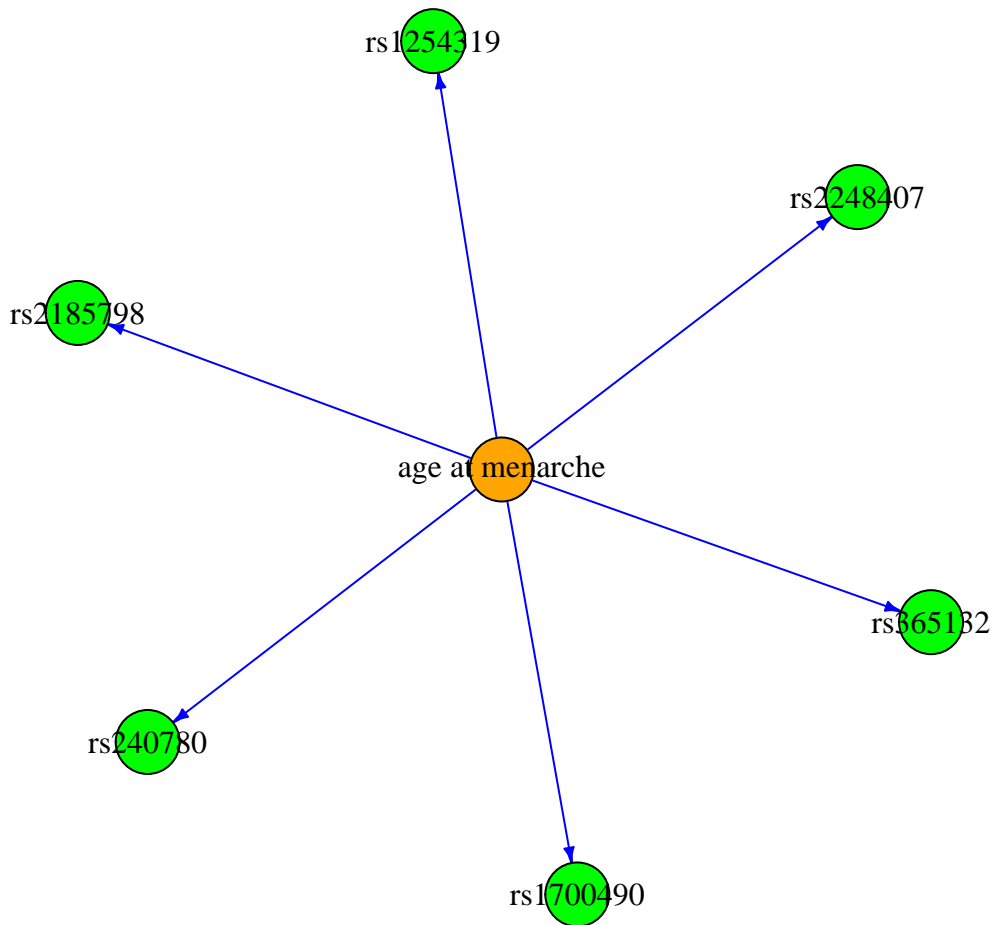
## Variant–Disease Network (unipolar depression)



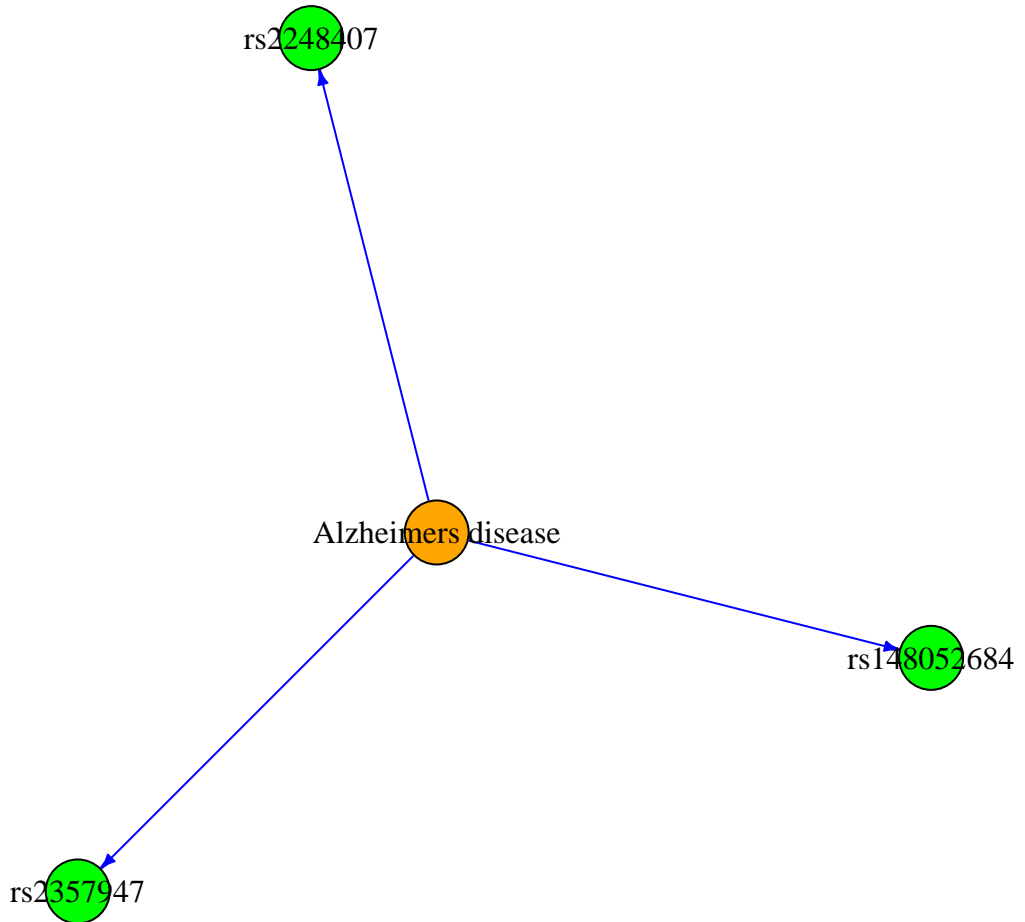
Variant–Disease Network (helping behavior measurement)



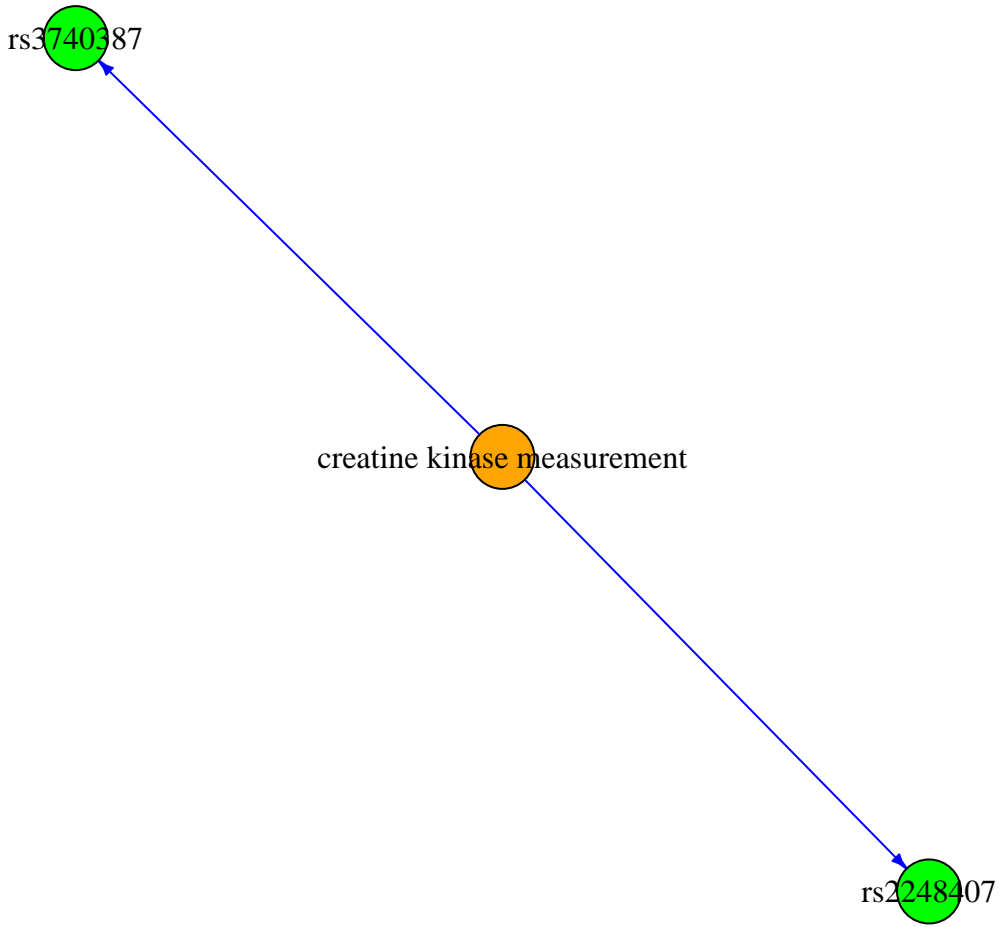
## Variant–Disease Network (age at menarche)



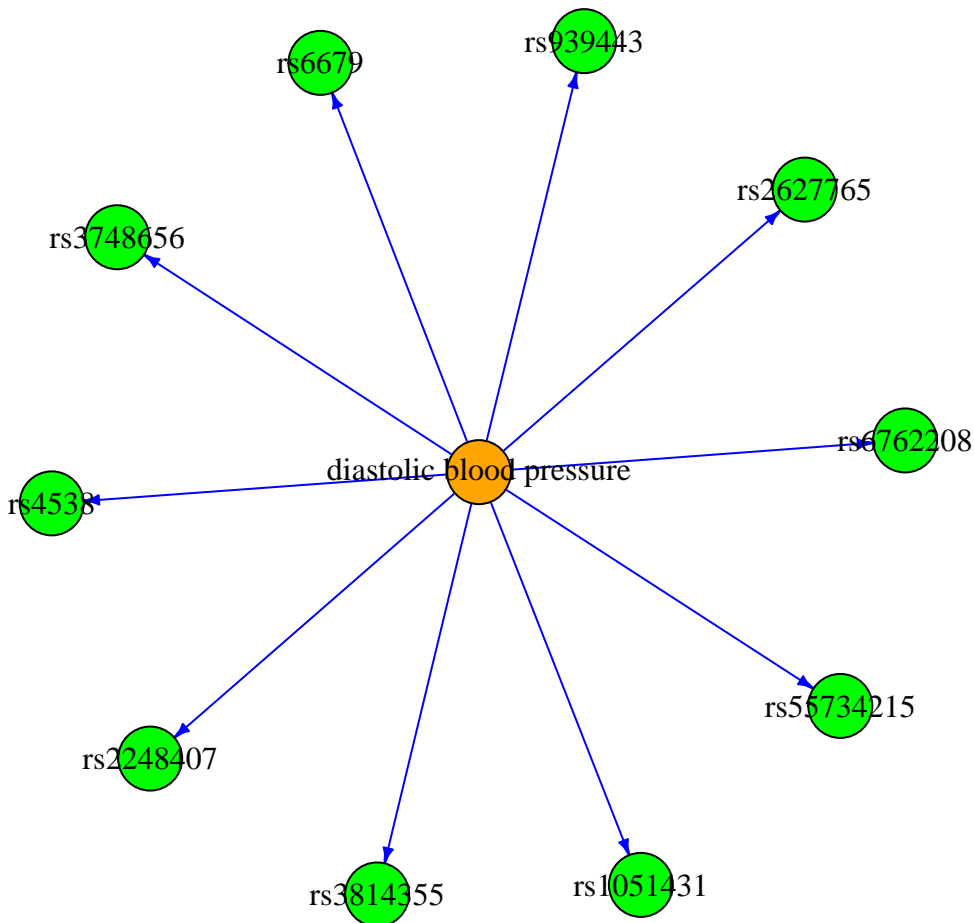
## Variant–Disease Network (Alzheimers disease)



**Variant–Disease Network (creatine kinase measurement)**

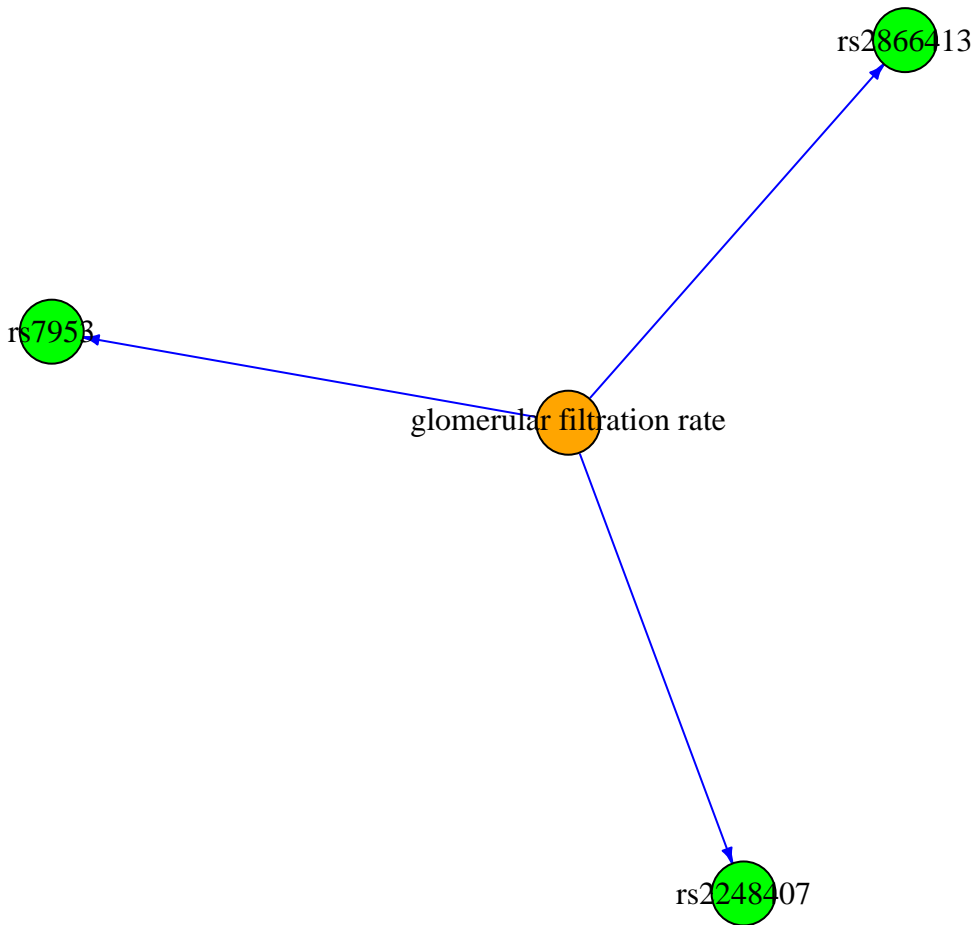


## Variant–Disease Network (diastolic blood pressure)

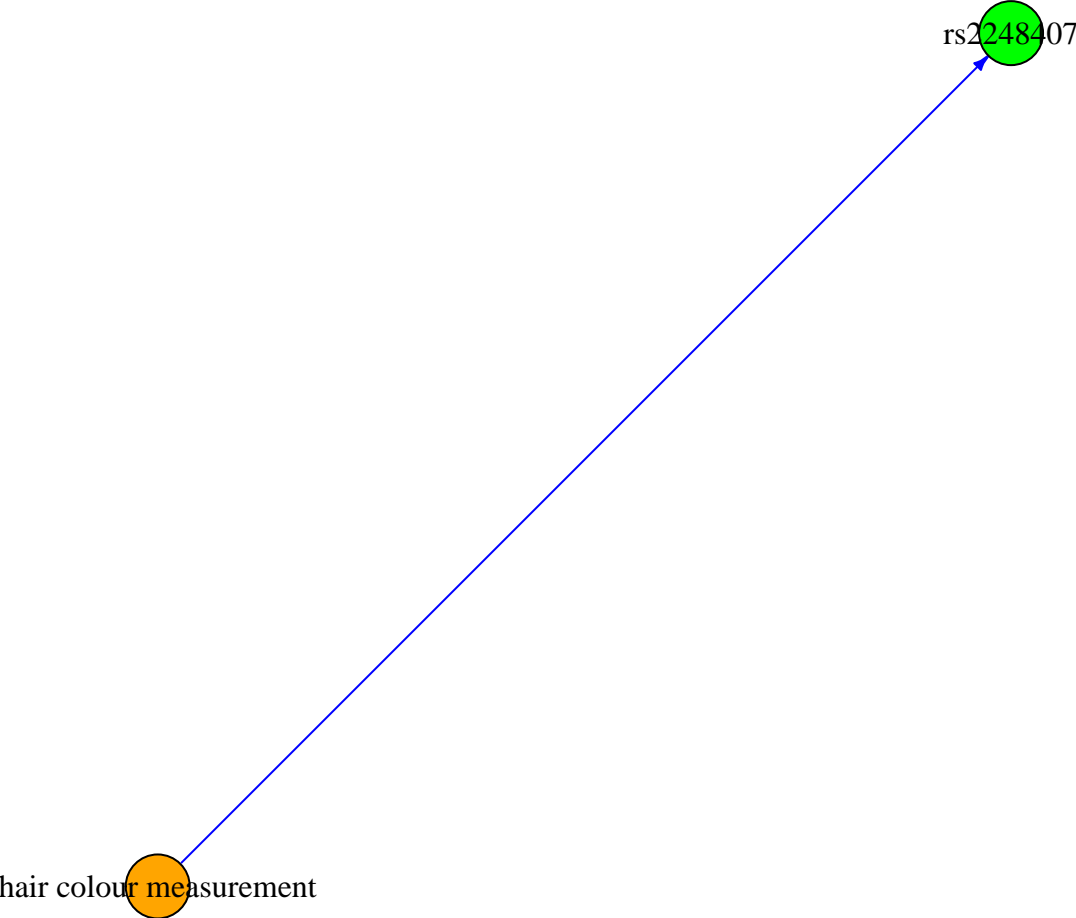




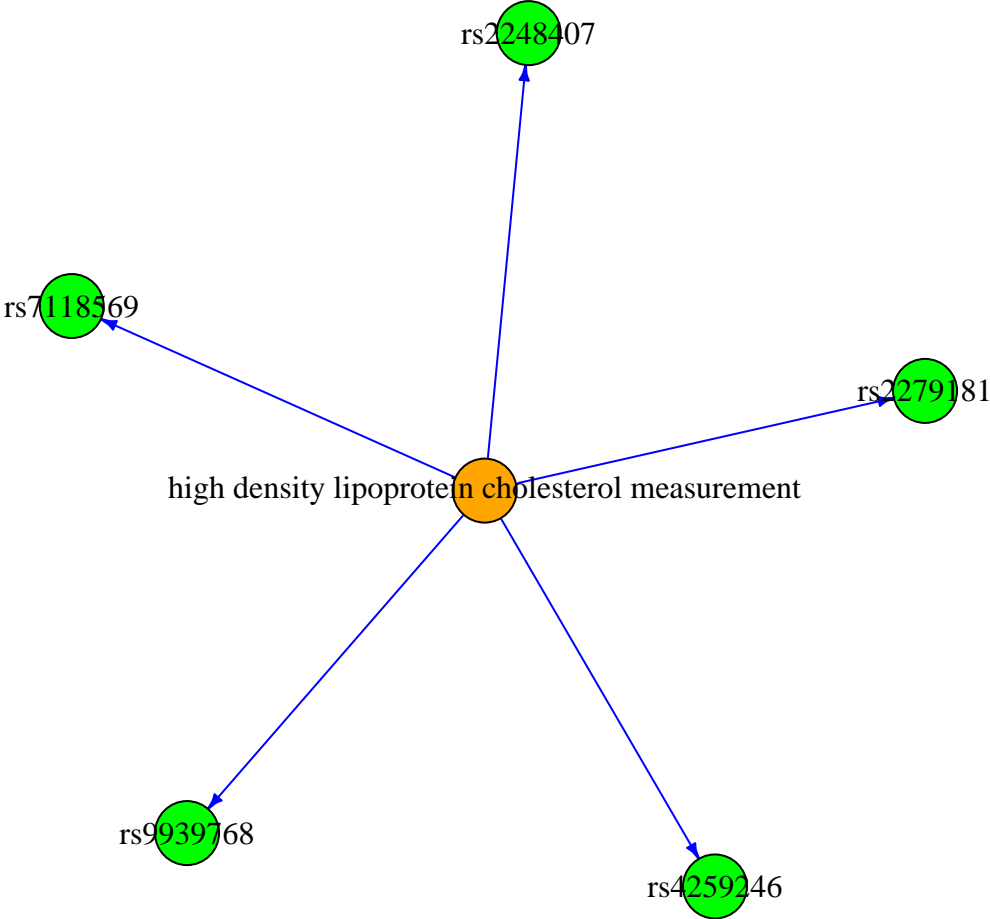
## Variant–Disease Network (glomerular filtration rate)



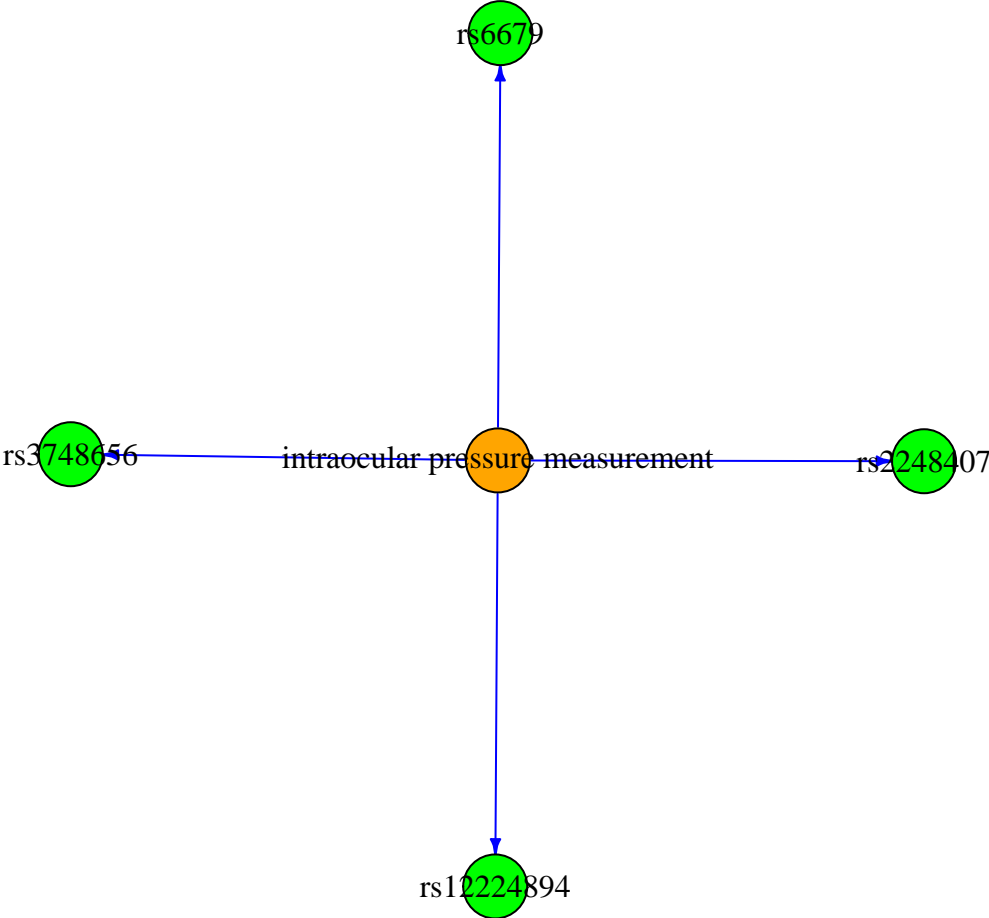
Variant–Disease Network (hair colour measurement)



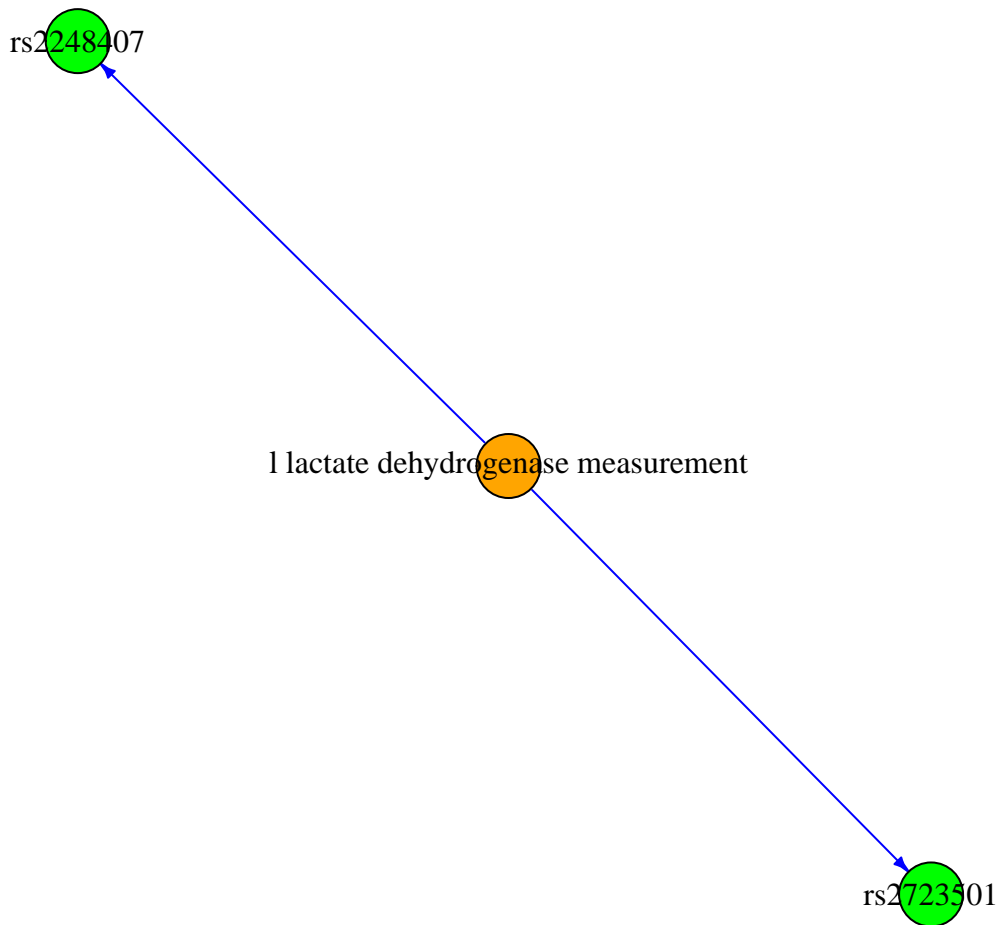
Variant–Disease Network (high density lipoprotein cholesterol measurement



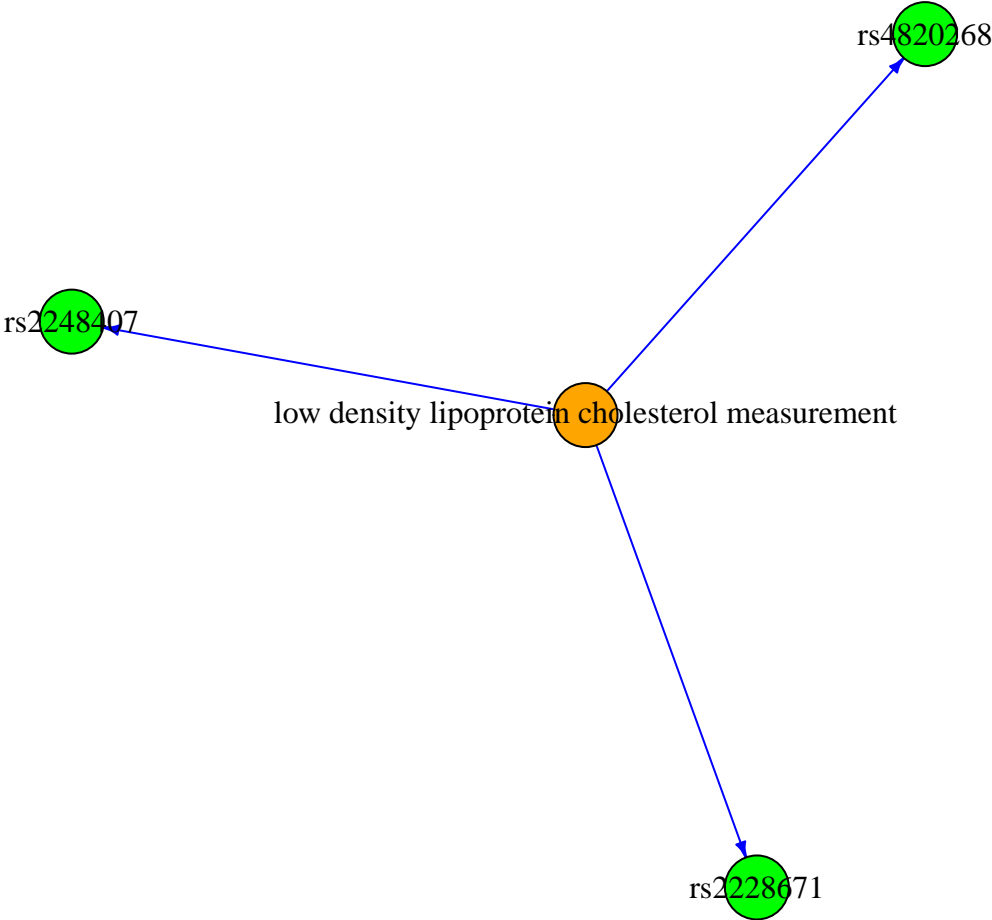
**Variant–Disease Network (intraocular pressure measurement)**



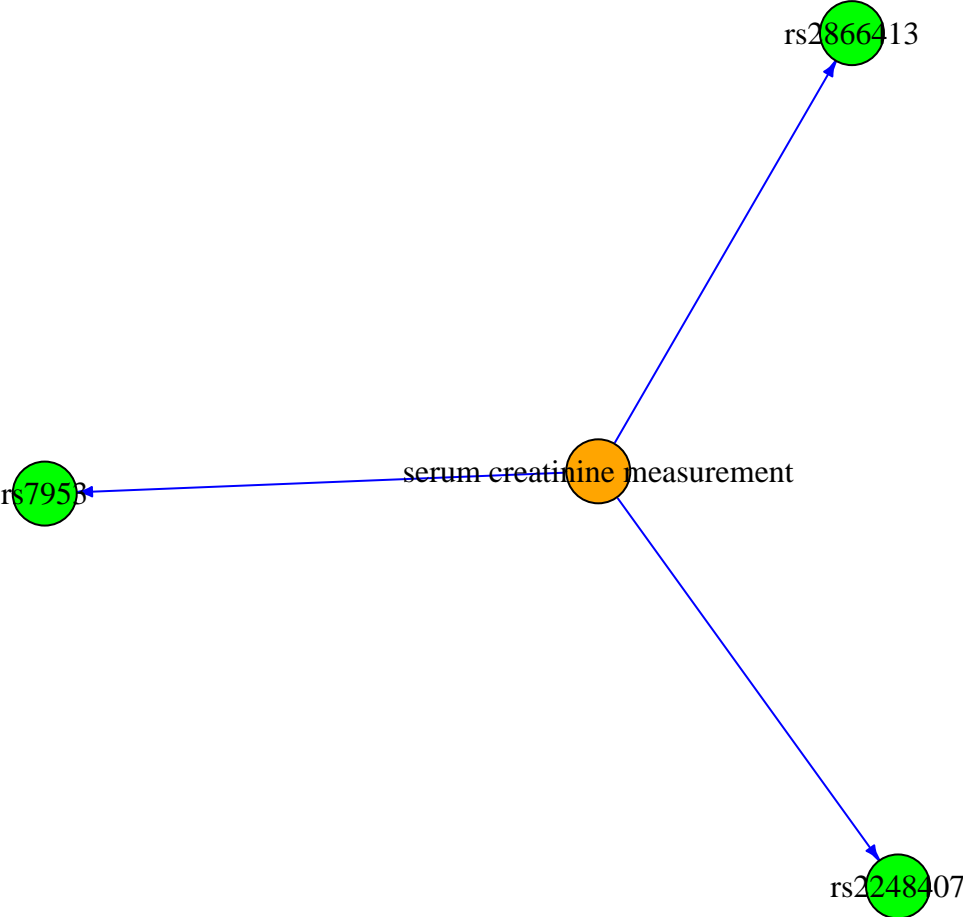
# Variant–Disease Network (l lactate dehydrogenase measurement)



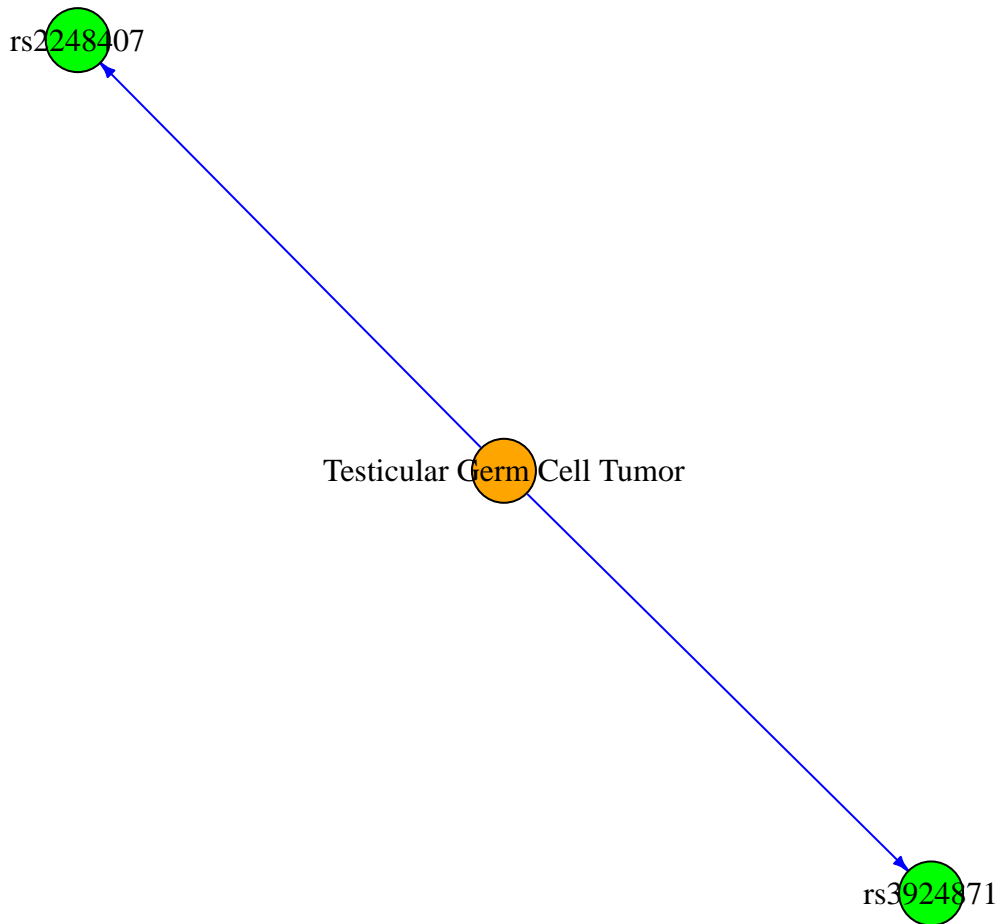
Variant–Disease Network (low density lipoprotein cholesterol measurement



Variant–Disease Network (serum creatinine measurement)

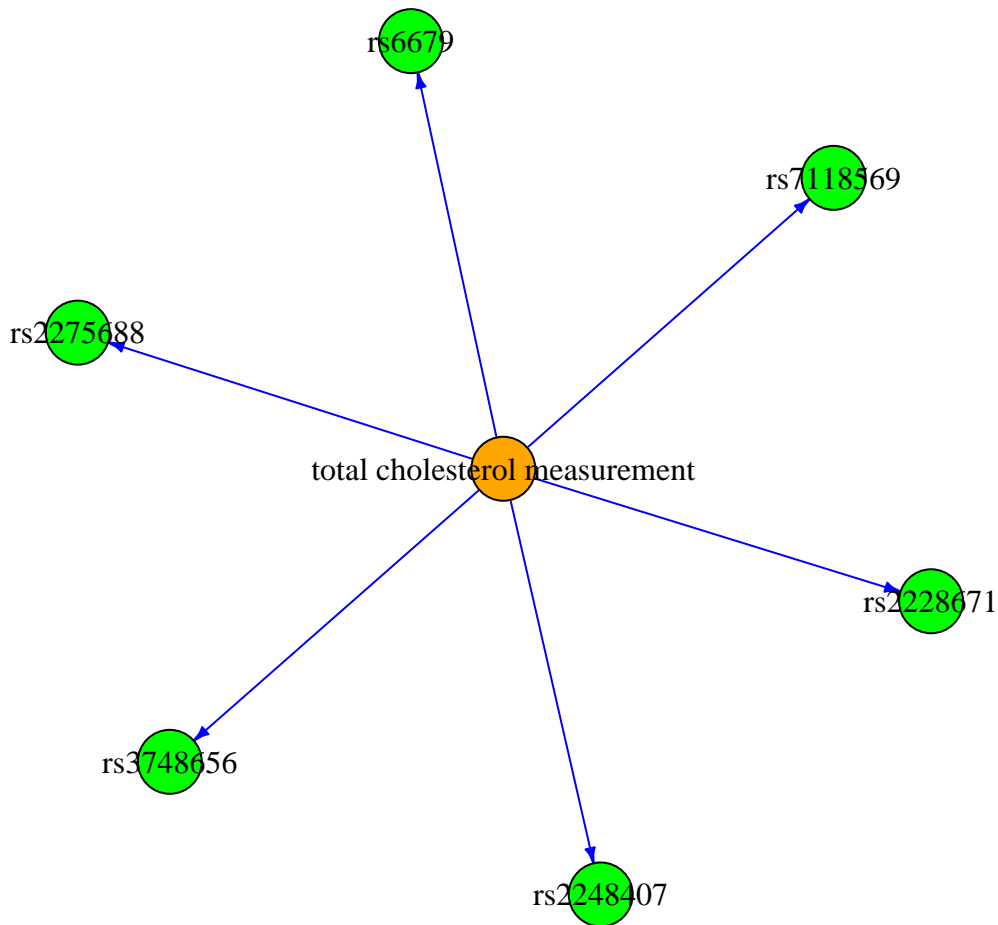


## Variant–Disease Network (Testicular Germ Cell Tumor)

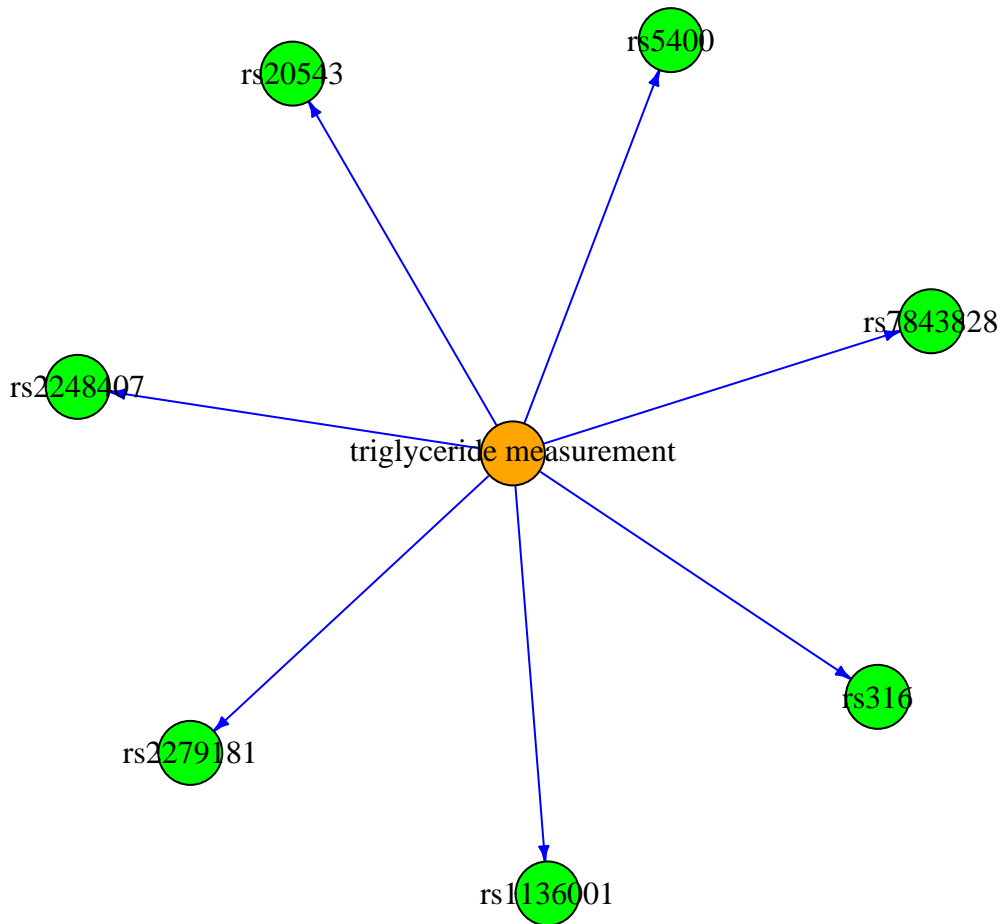




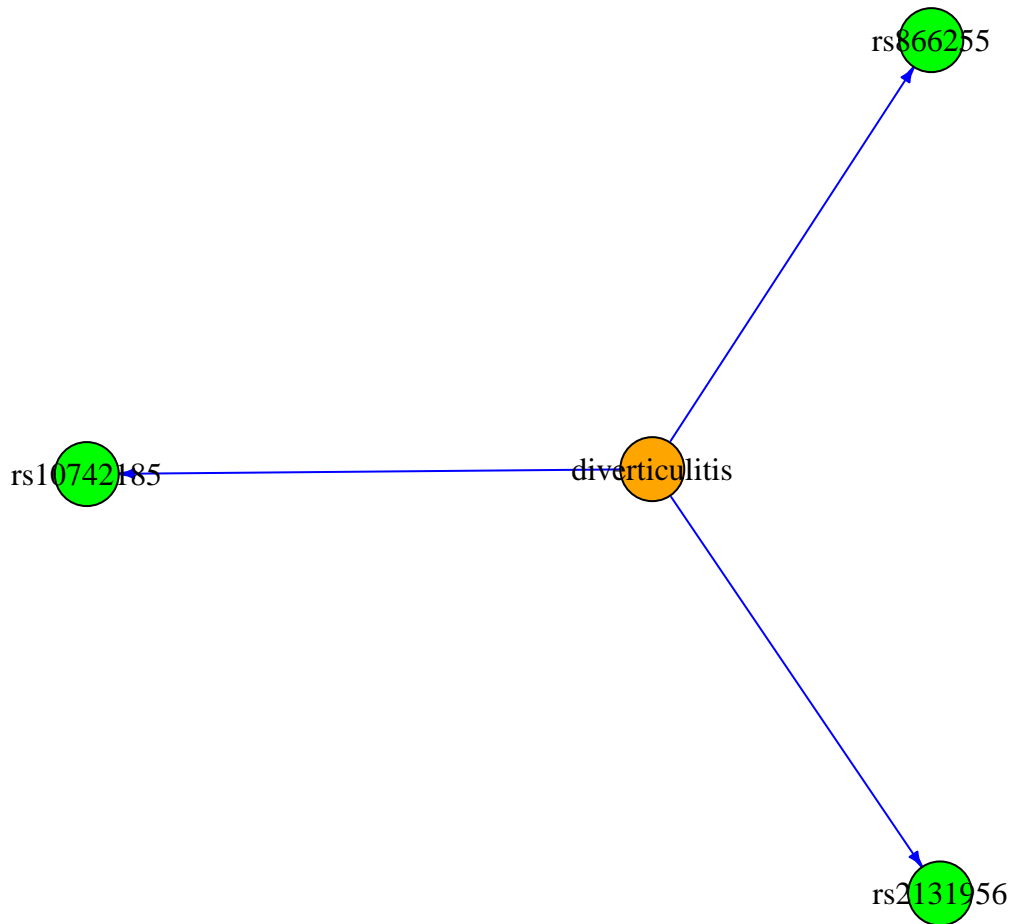
## Variant–Disease Network (total cholesterol measurement)



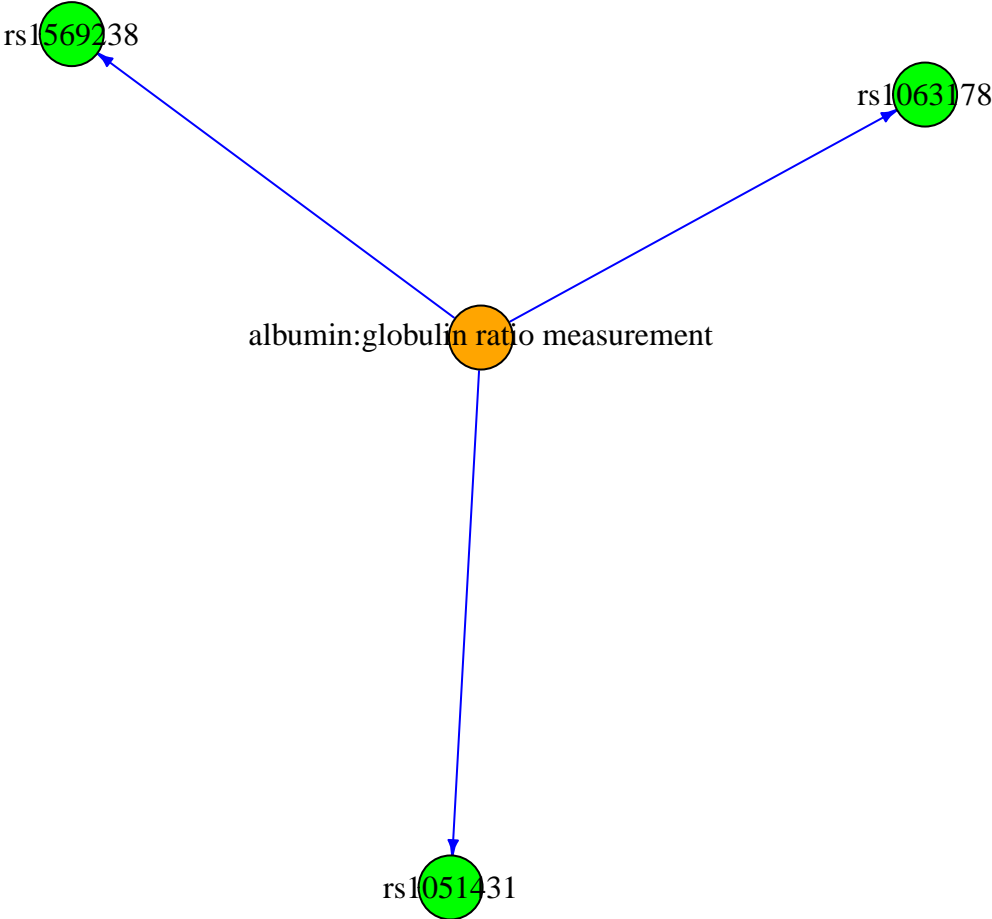
## Variant–Disease Network (triglyceride measurement)



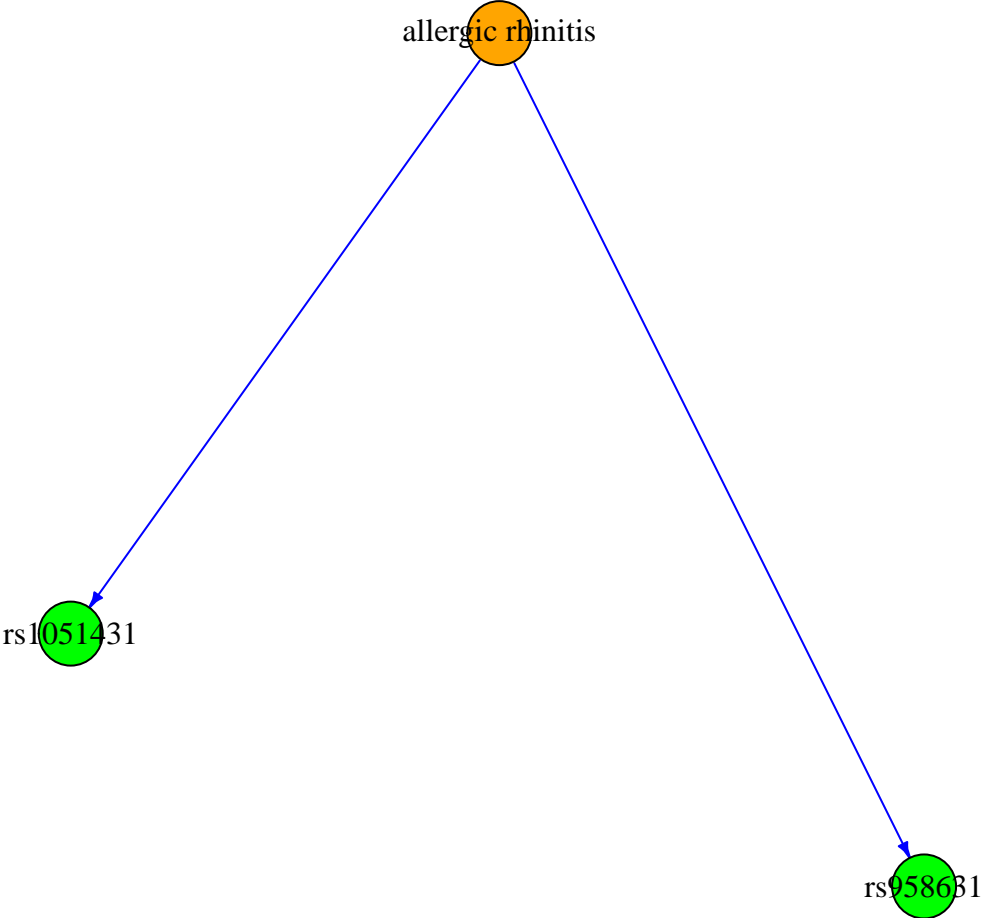
## Variant–Disease Network (diverticulitis)



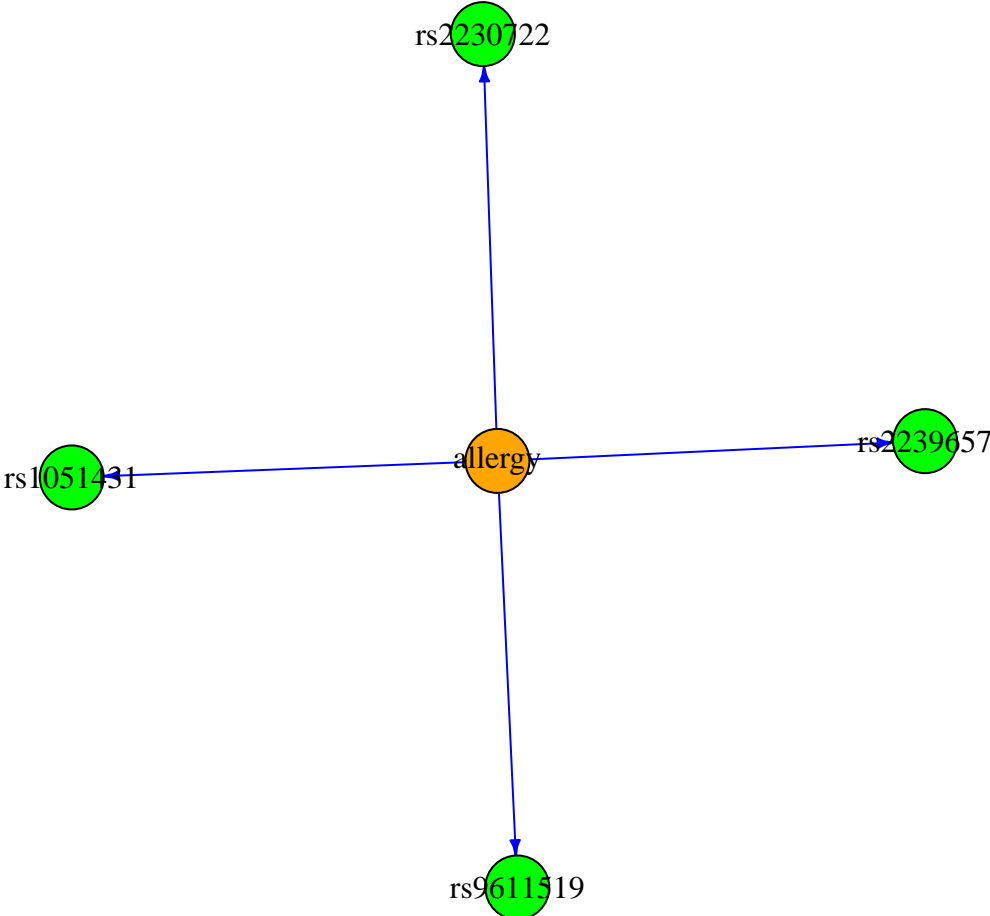
**Variant–Disease Network (albumin:globulin ratio measurement)**



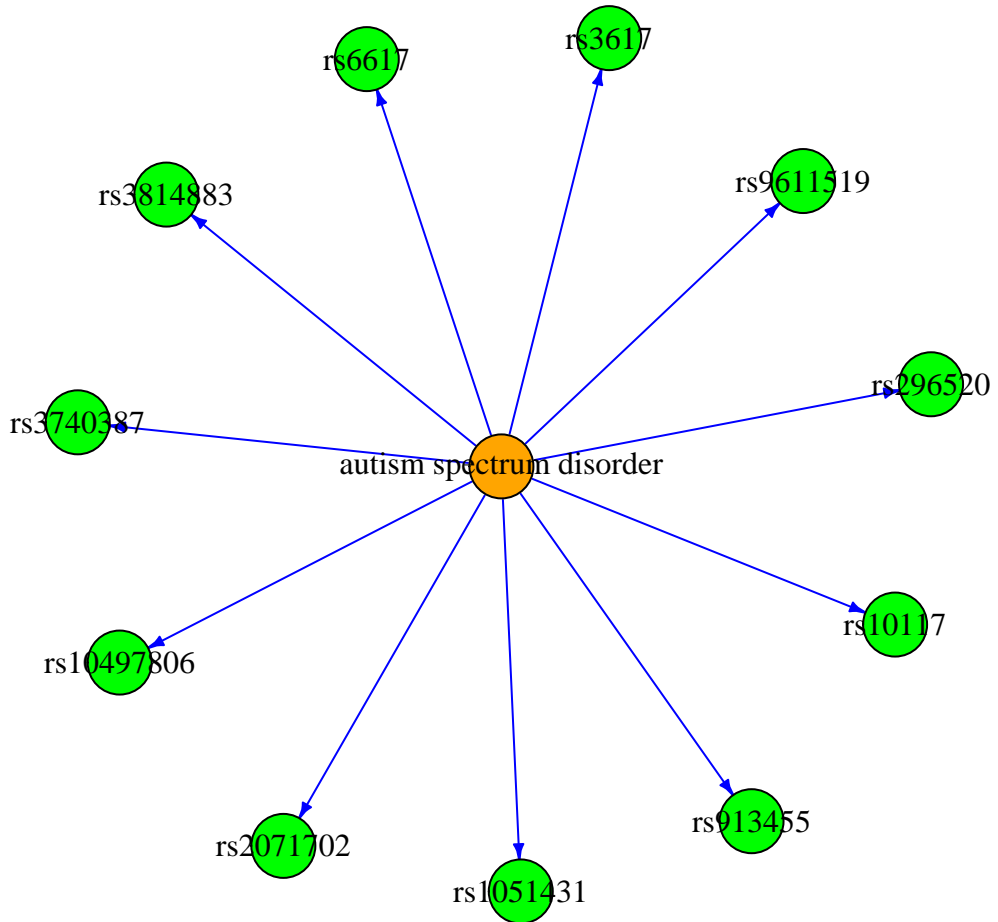
**Variant–Disease Network (allergic rhinitis)**



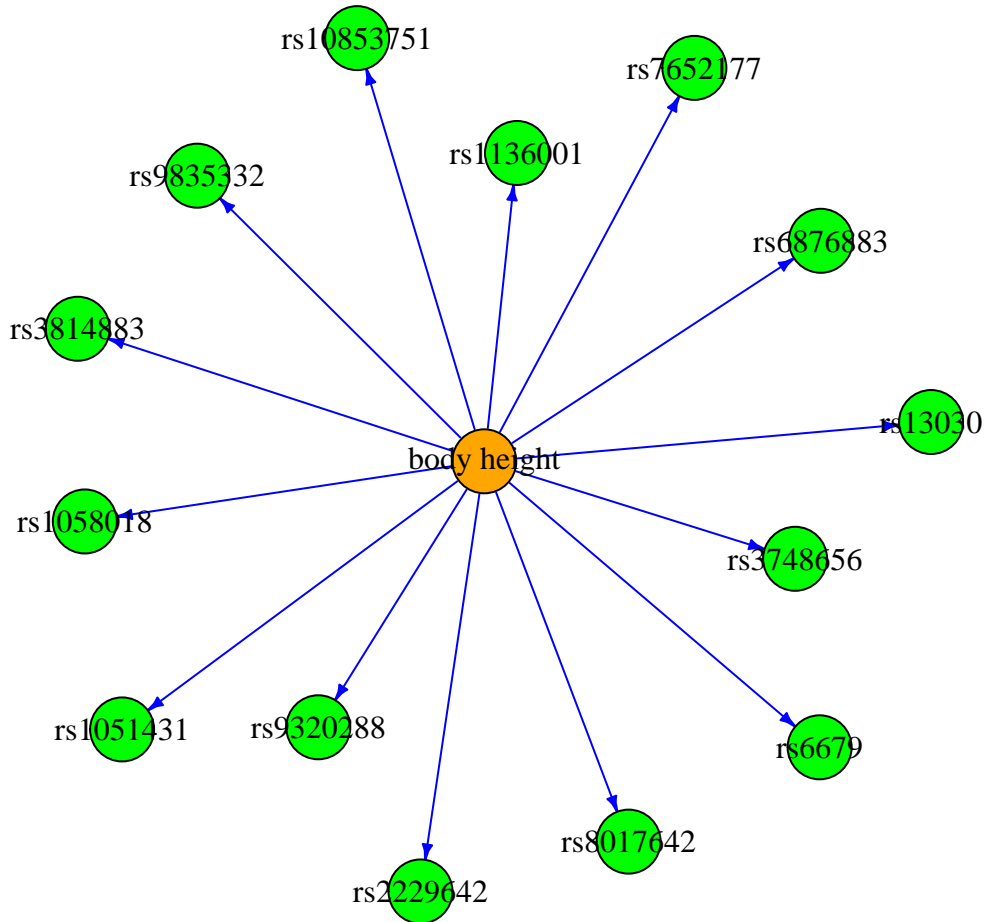
**Variant–Disease Network (allergy)**



## Variant–Disease Network (autism spectrum disorder)

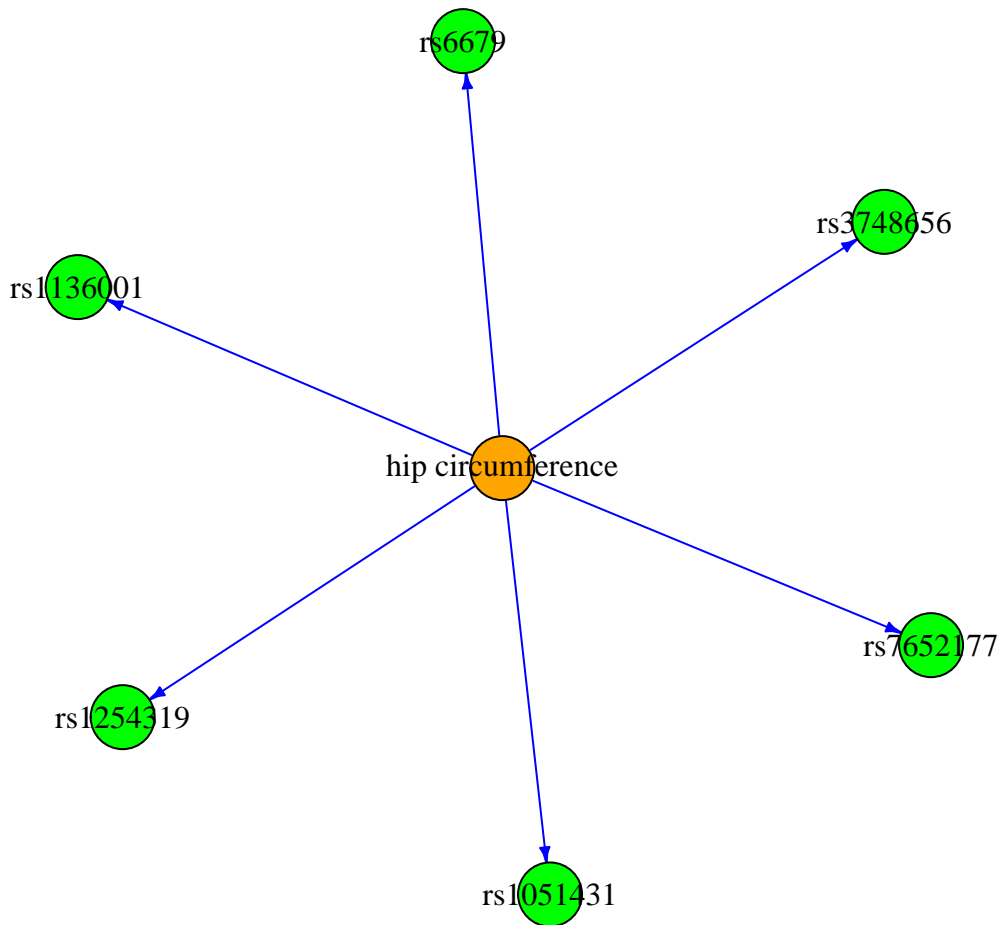


## Variant-Disease Network (body height)

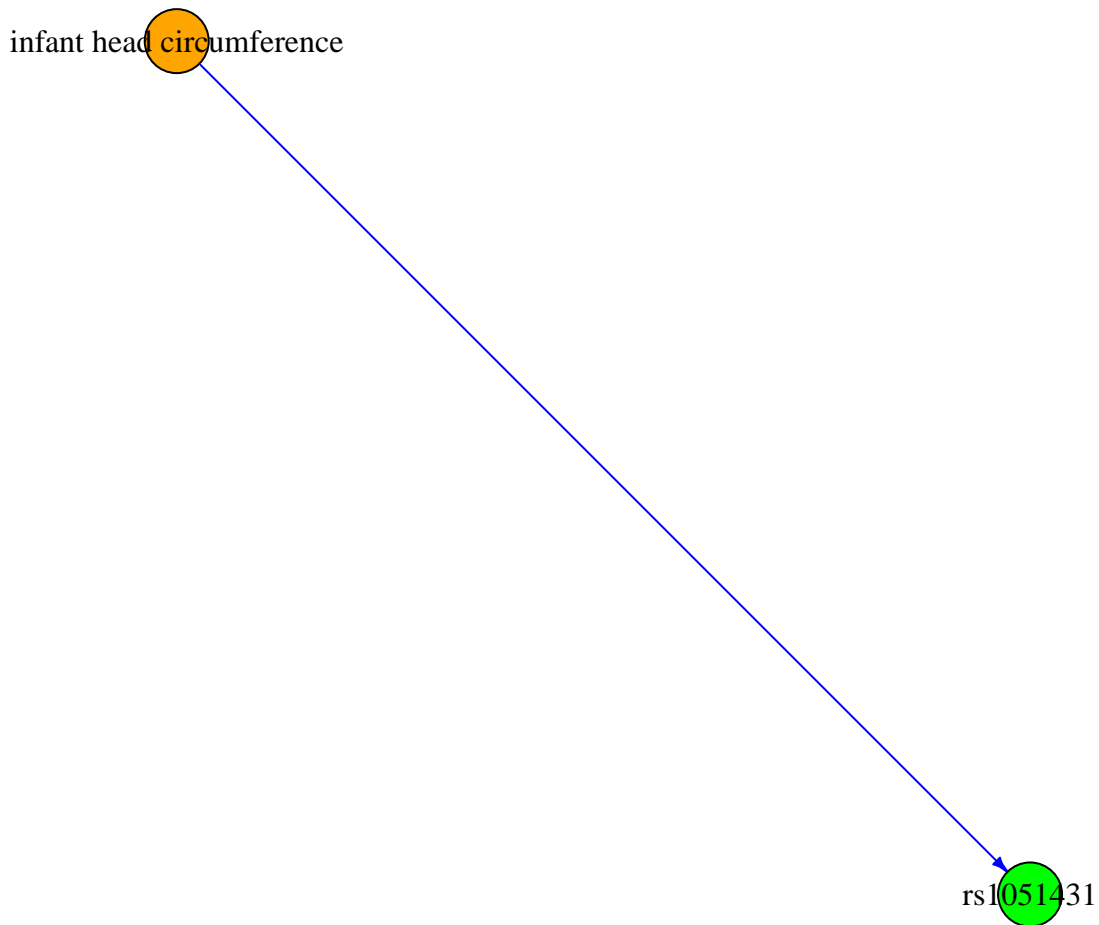




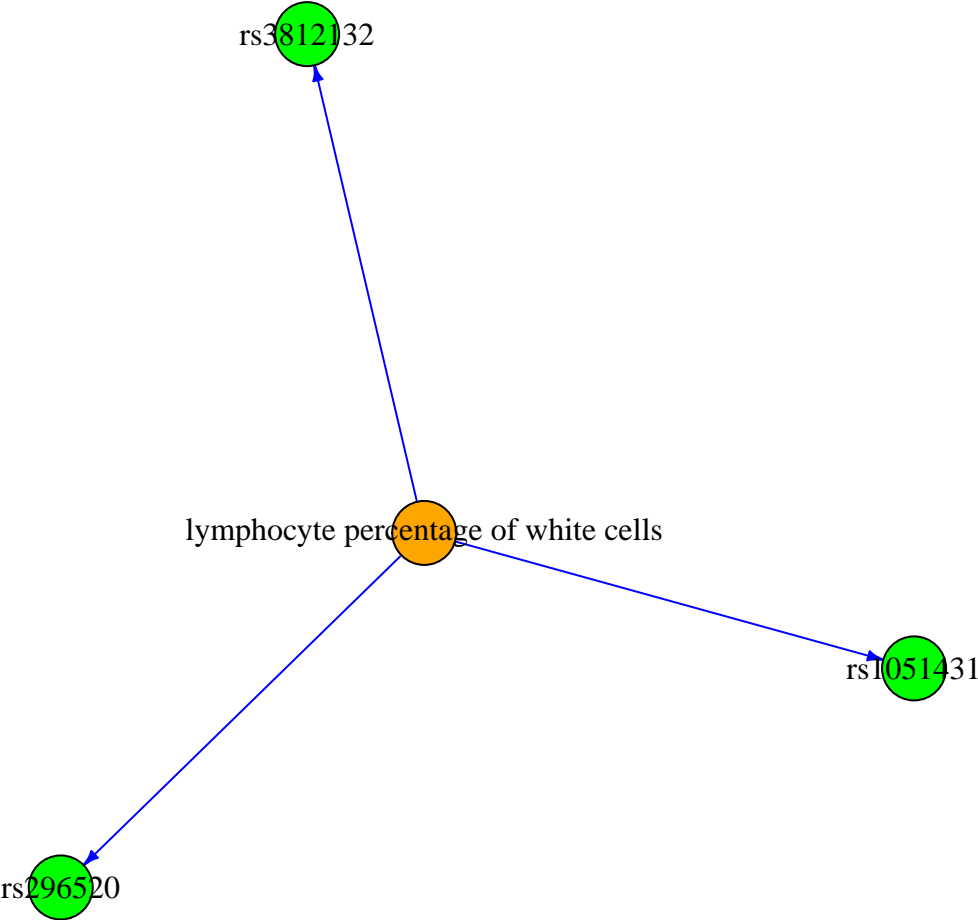
## Variant–Disease Network (hip circumference)



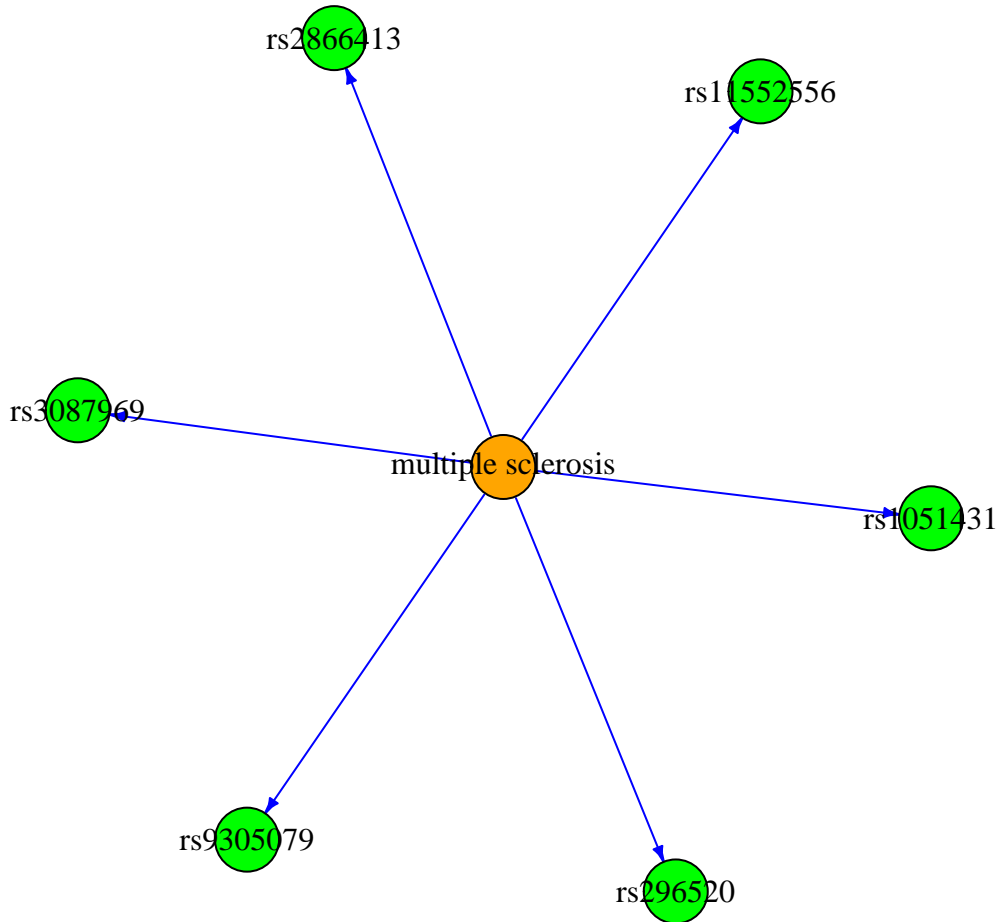
## Variant-Disease Network (infant head circumference)



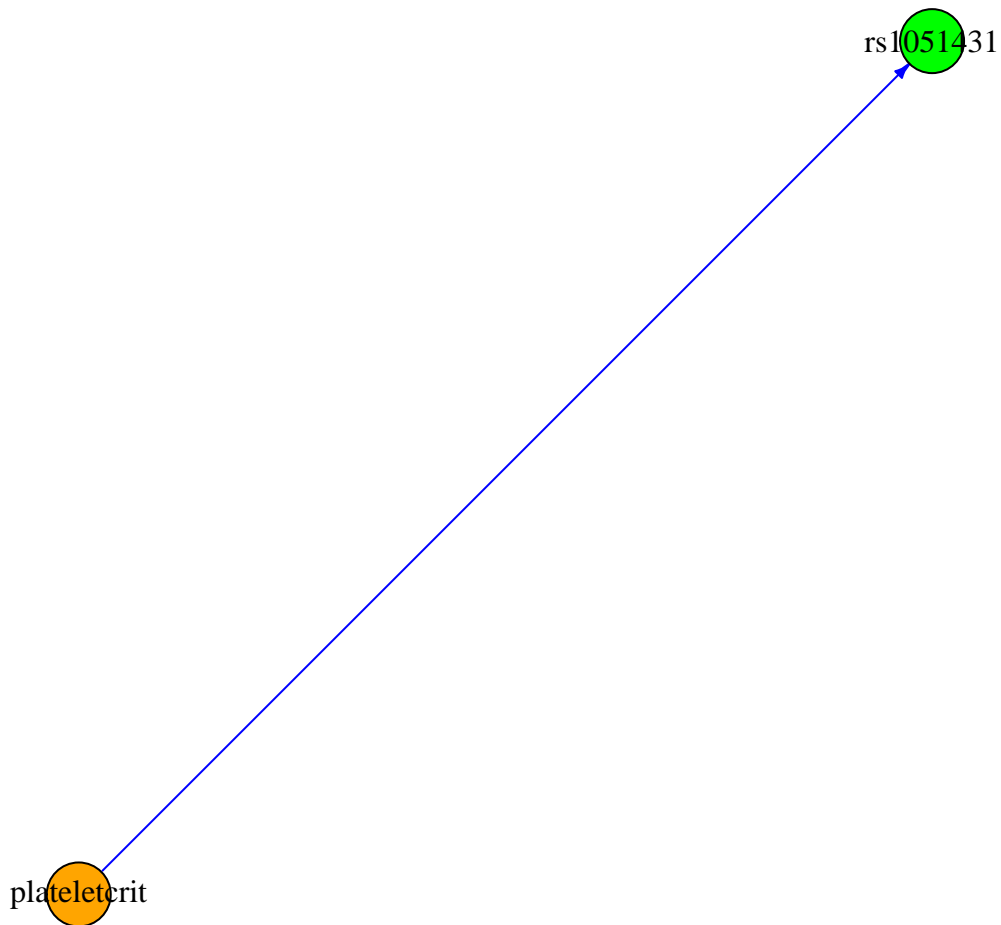
Variant–Disease Network (lymphocyte percentage of white cells)



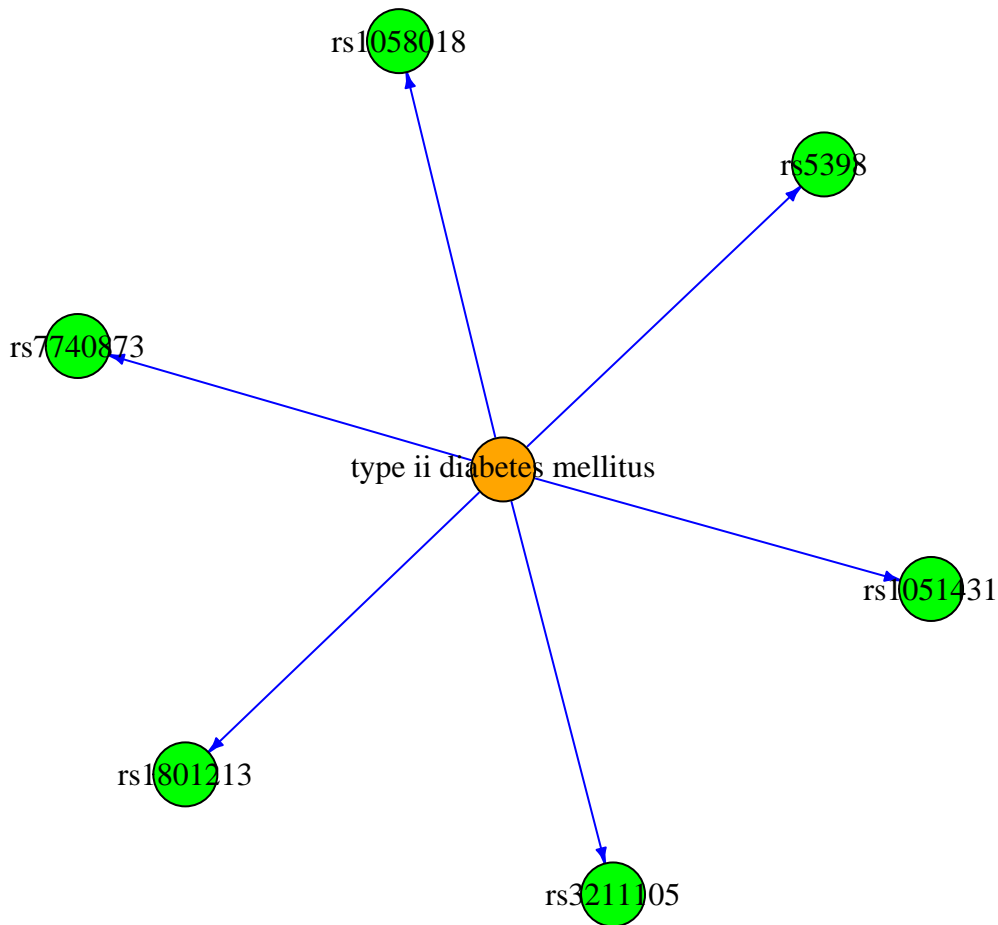
## Variant-Disease Network (multiple sclerosis)



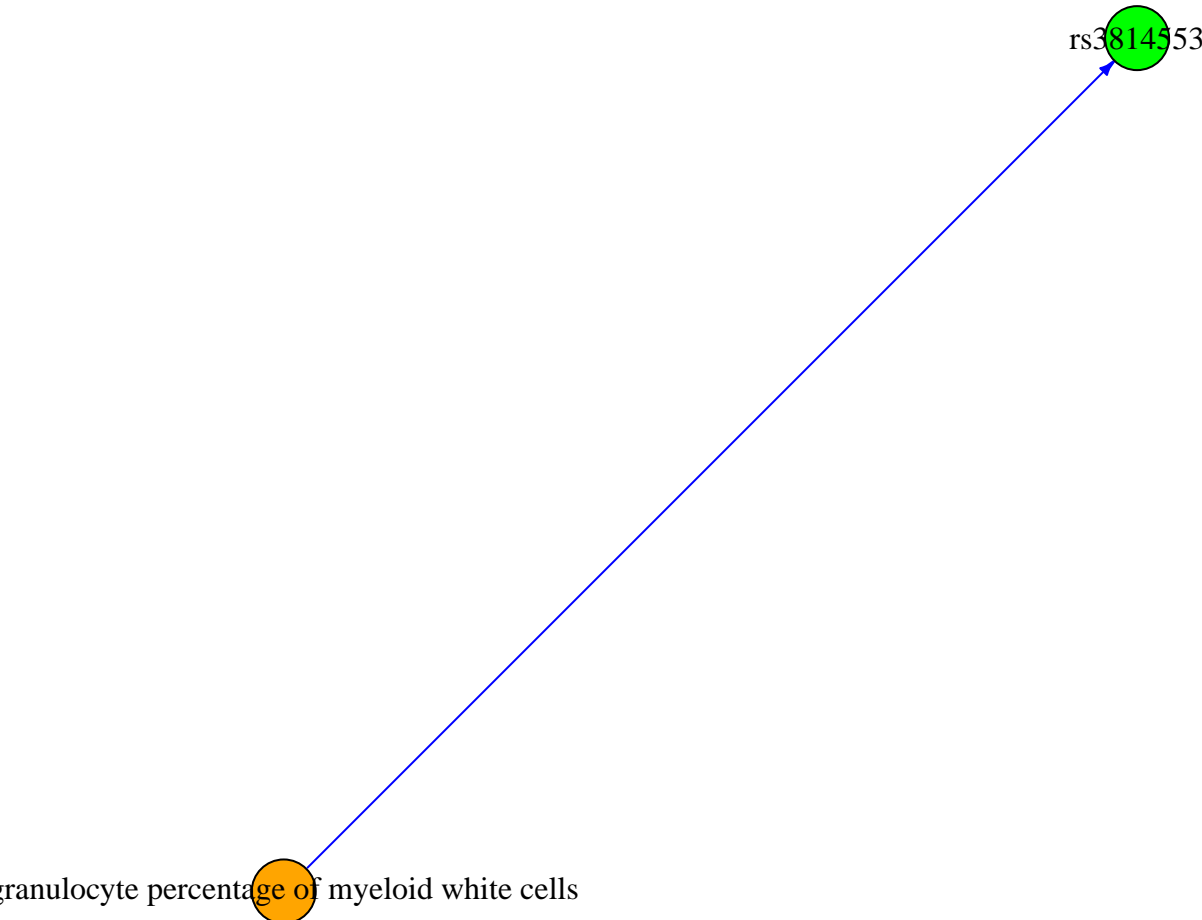
## Variant–Disease Network (plateletcrit)



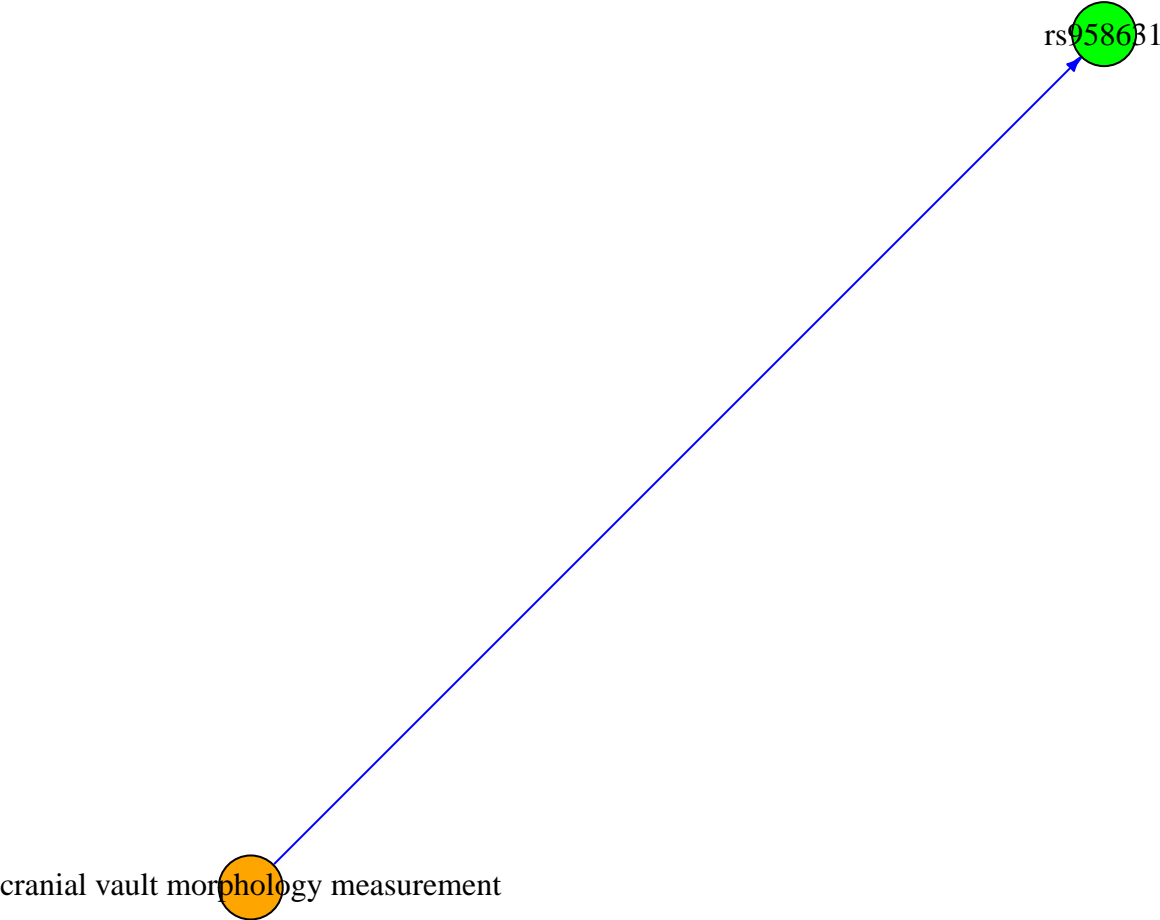
## Variant–Disease Network (type ii diabetes mellitus)



Variant–Disease Network (granulocyte percentage of myeloid white cells)

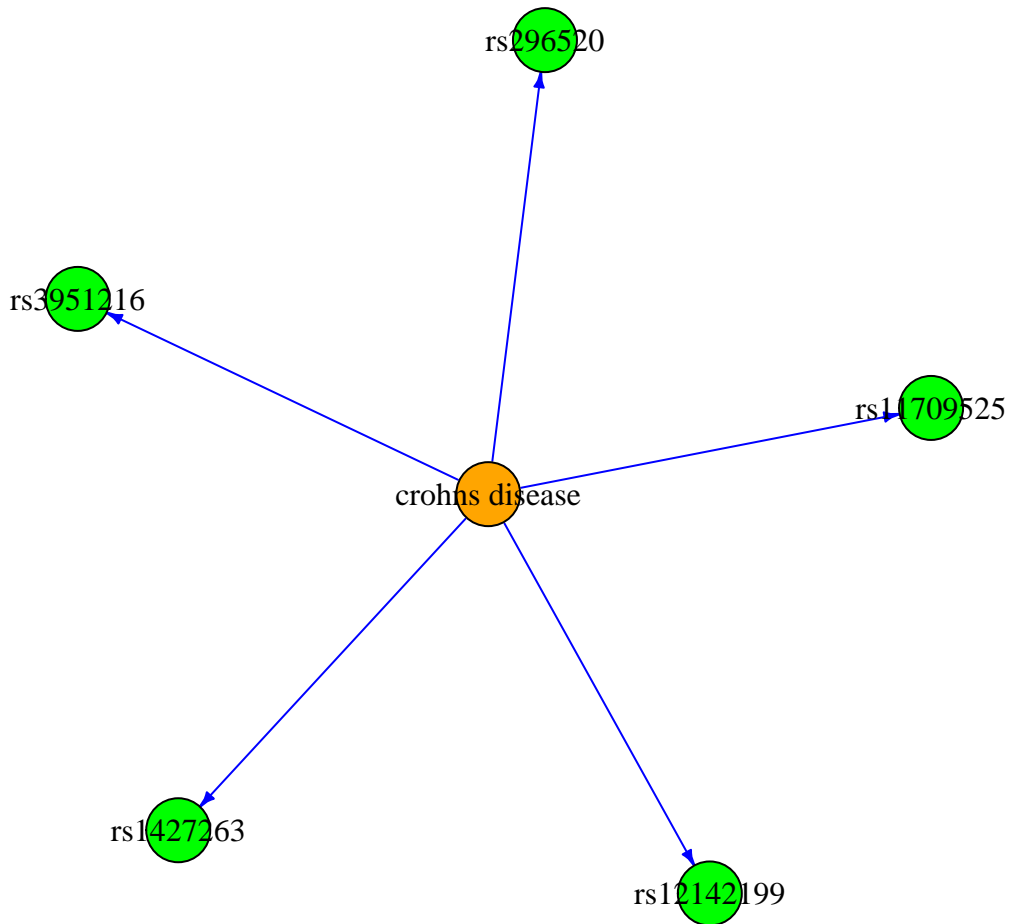


**Variant–Disease Network (cranial vault morphology measurement)**

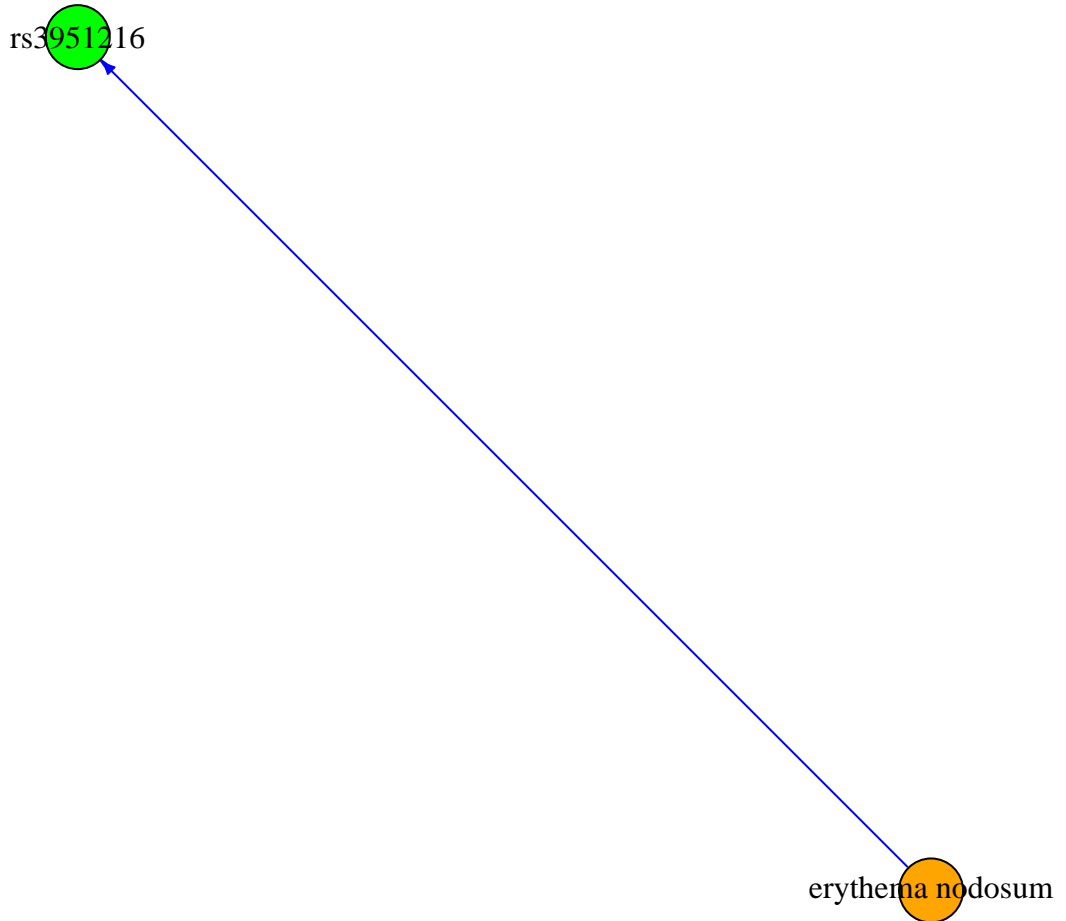




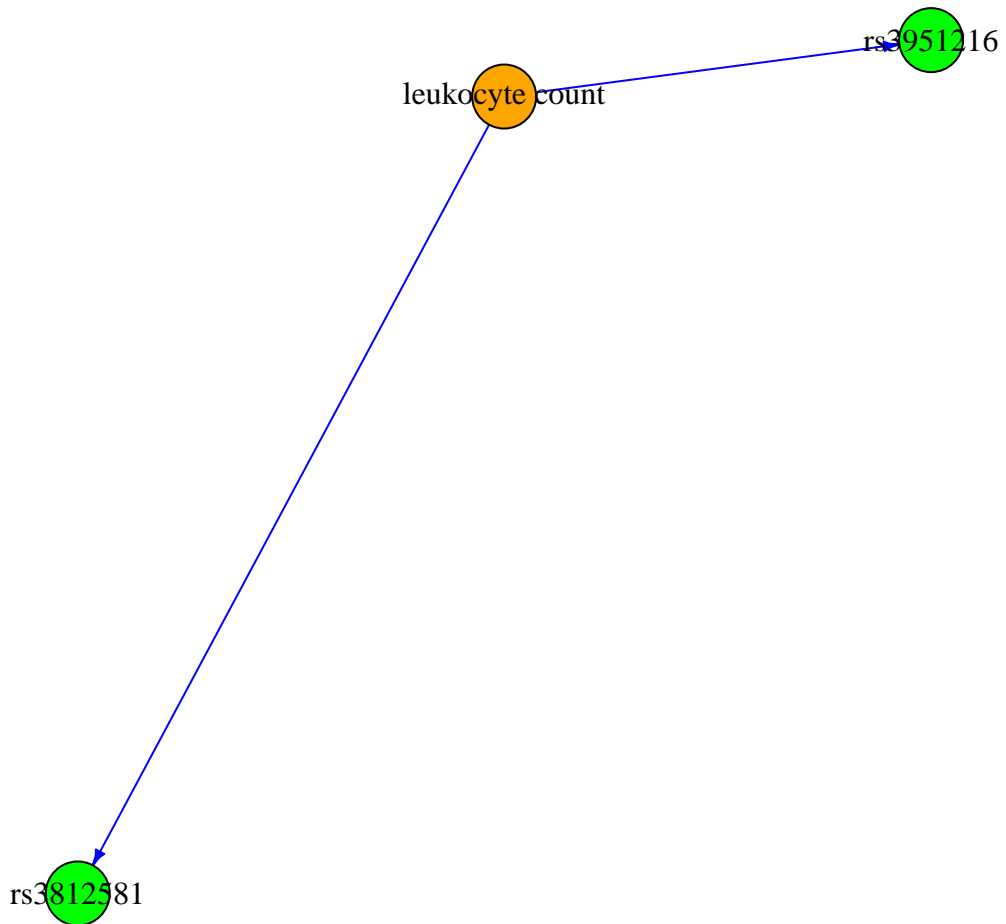
## Variant-Disease Network (crohns disease)



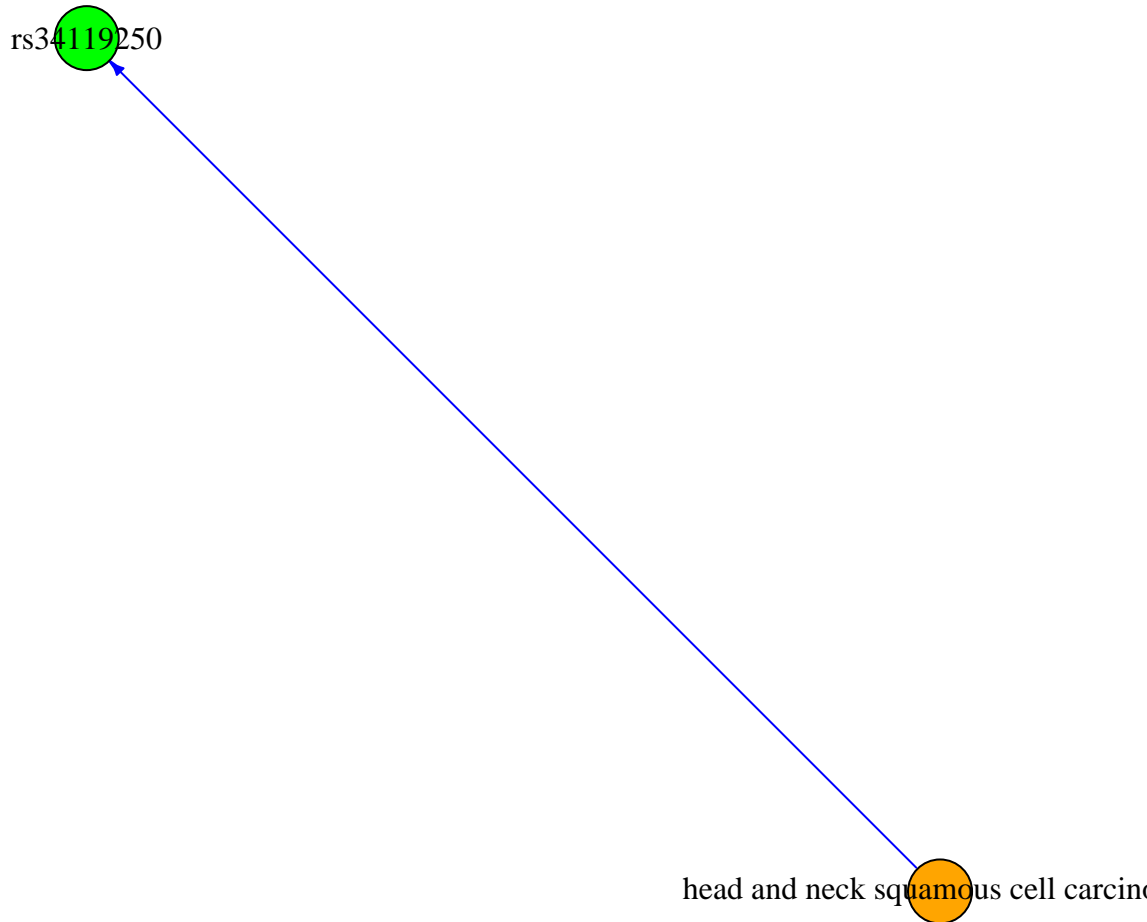
## Variant–Disease Network (erythema nodosum)



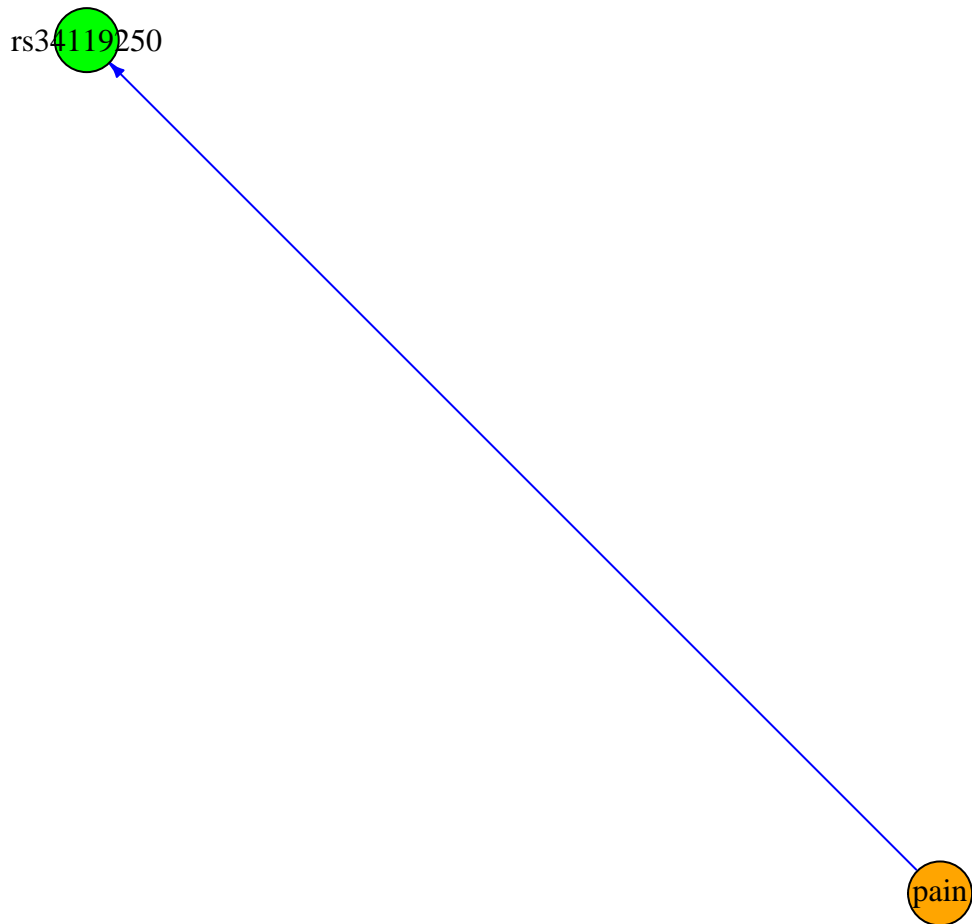
## Variant–Disease Network (leukocyte count)



## Variant–Disease Network (head and neck squamous cell carcinoma)



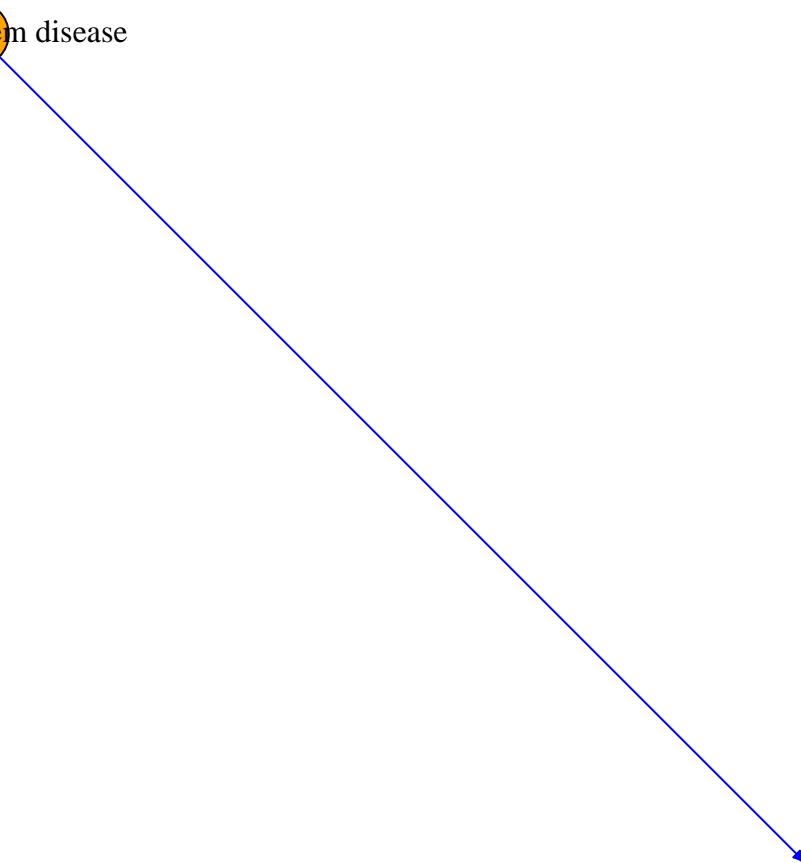
## Variant-Disease Network (pain)



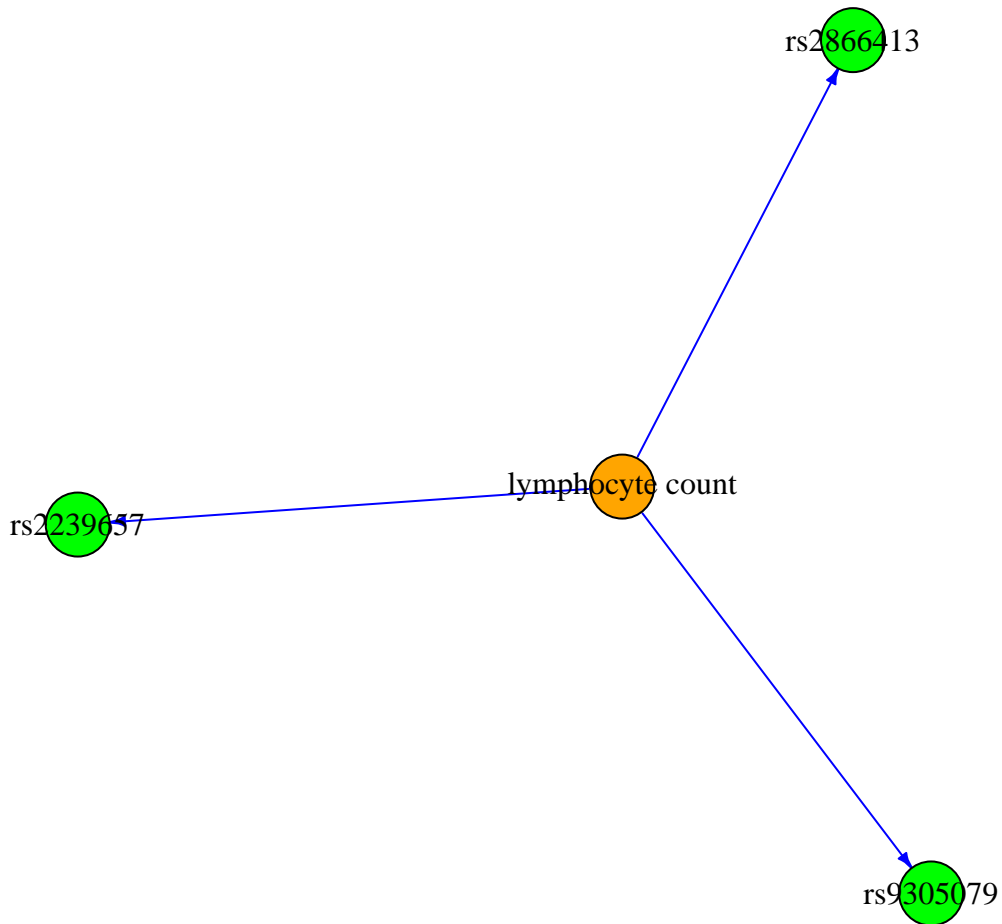
## Variant-Disease Network (immune system disease)

immune system disease

rs2239657



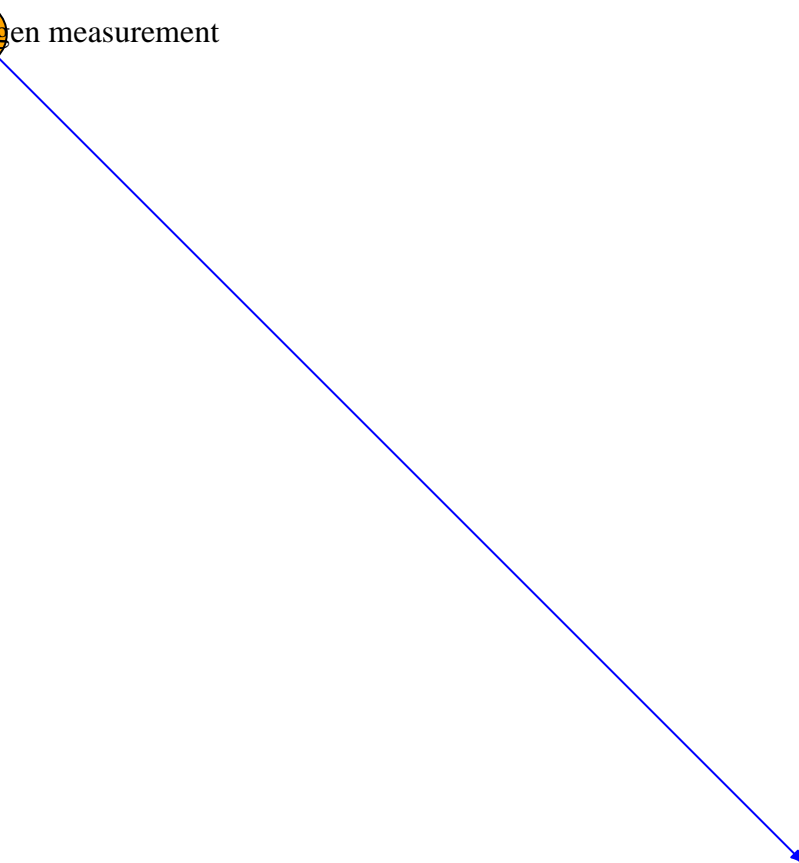
## Variant–Disease Network (lymphocyte count)



**Variant–Disease Network (prostate specific antigen measurement)**

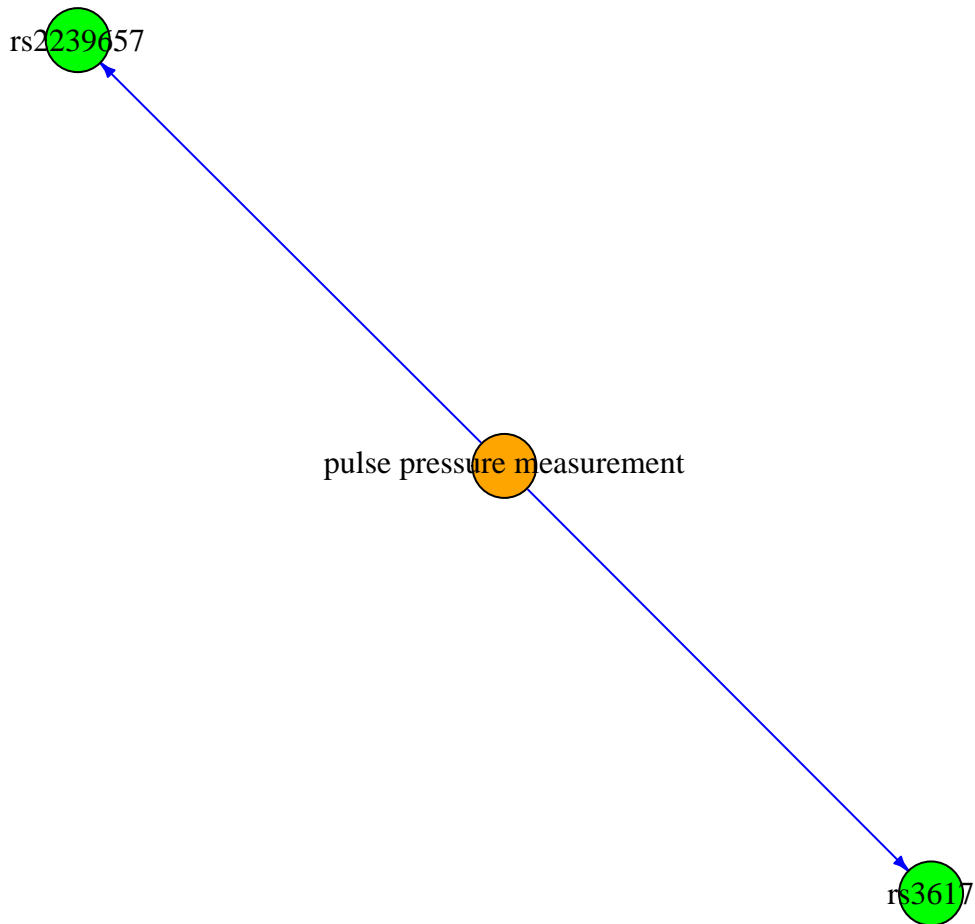
prostate specific antigen measurement

rs2239657

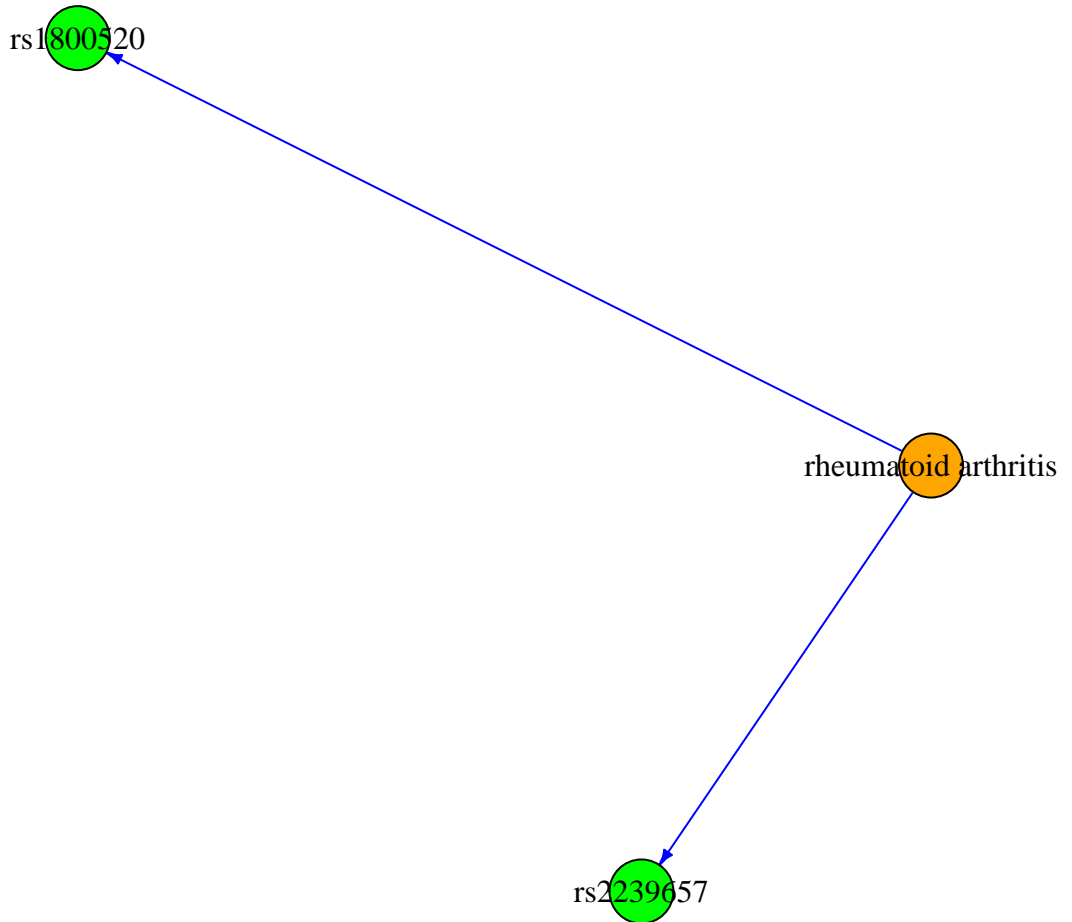




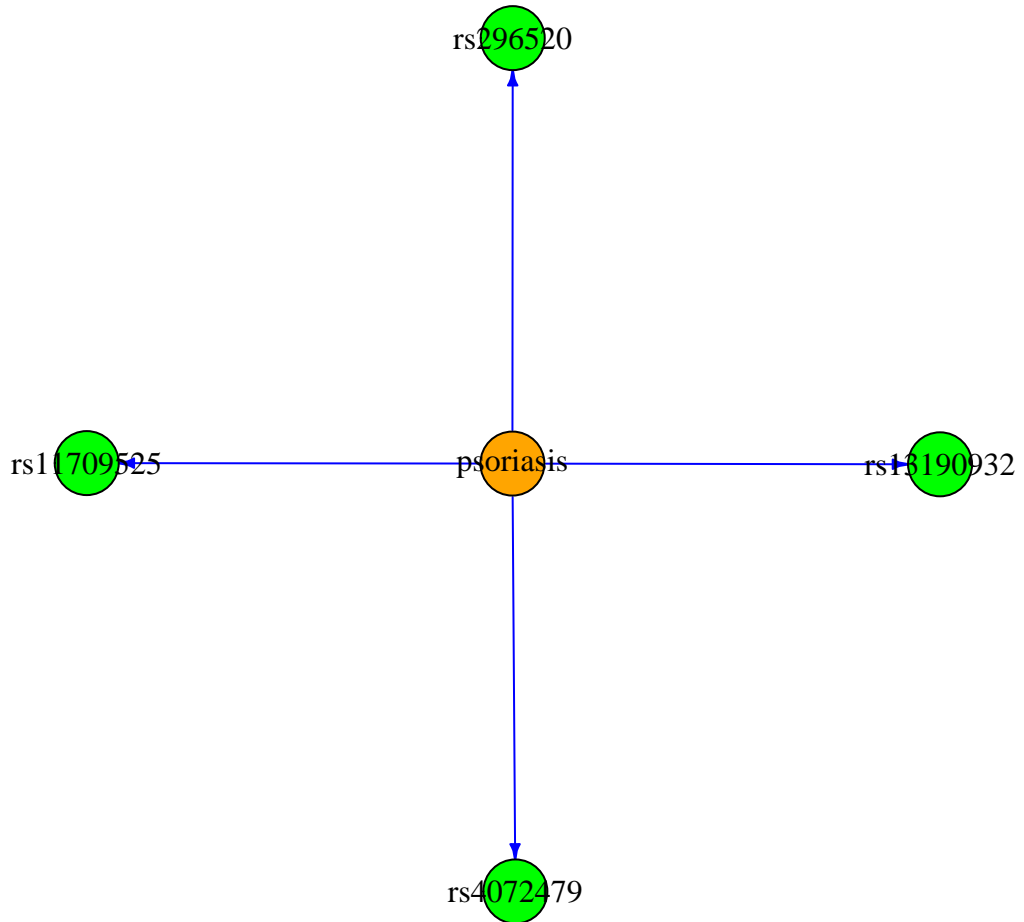
# Variant–Disease Network (pulse pressure measurement)



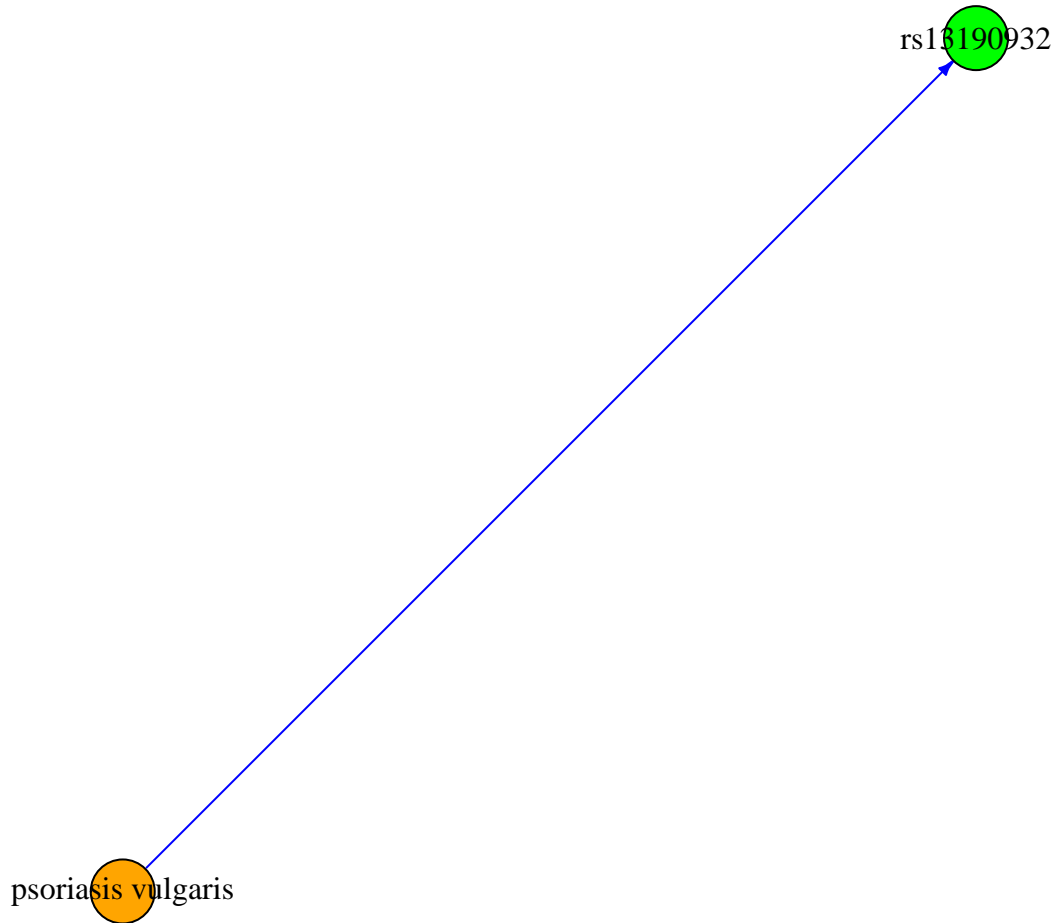
## Variant–Disease Network (rheumatoid arthritis)



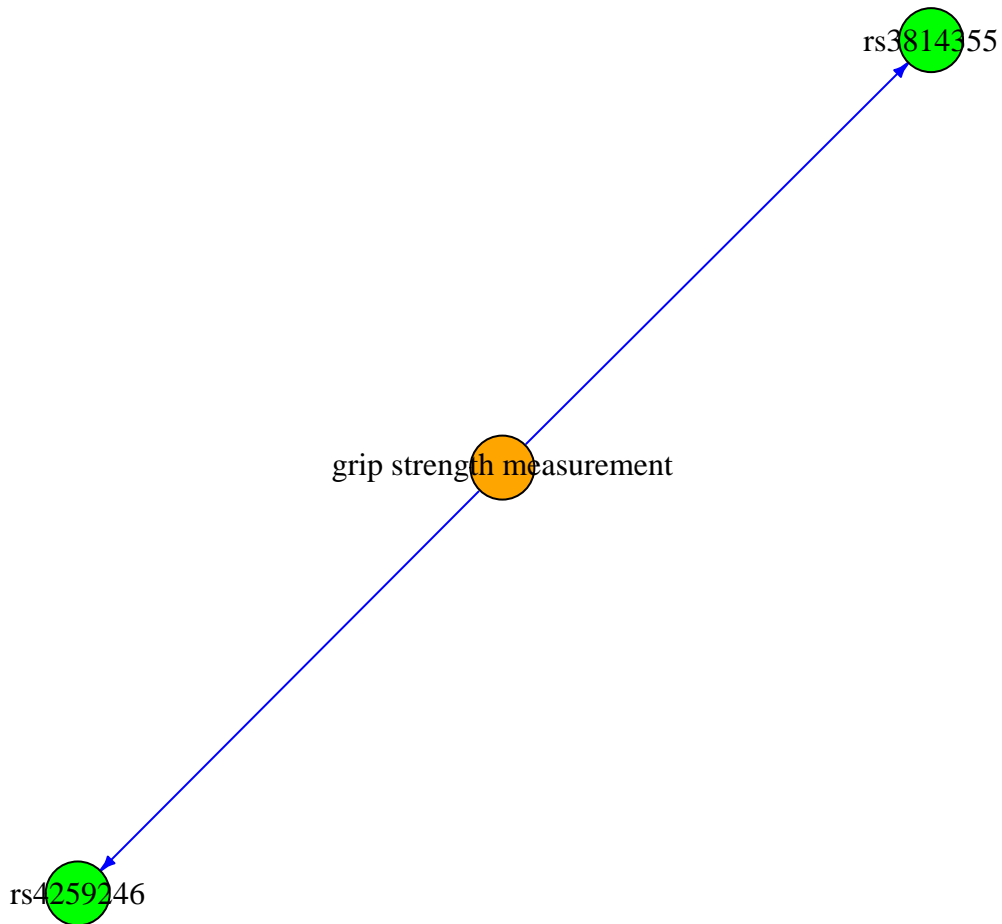
## Variant–Disease Network (psoriasis)



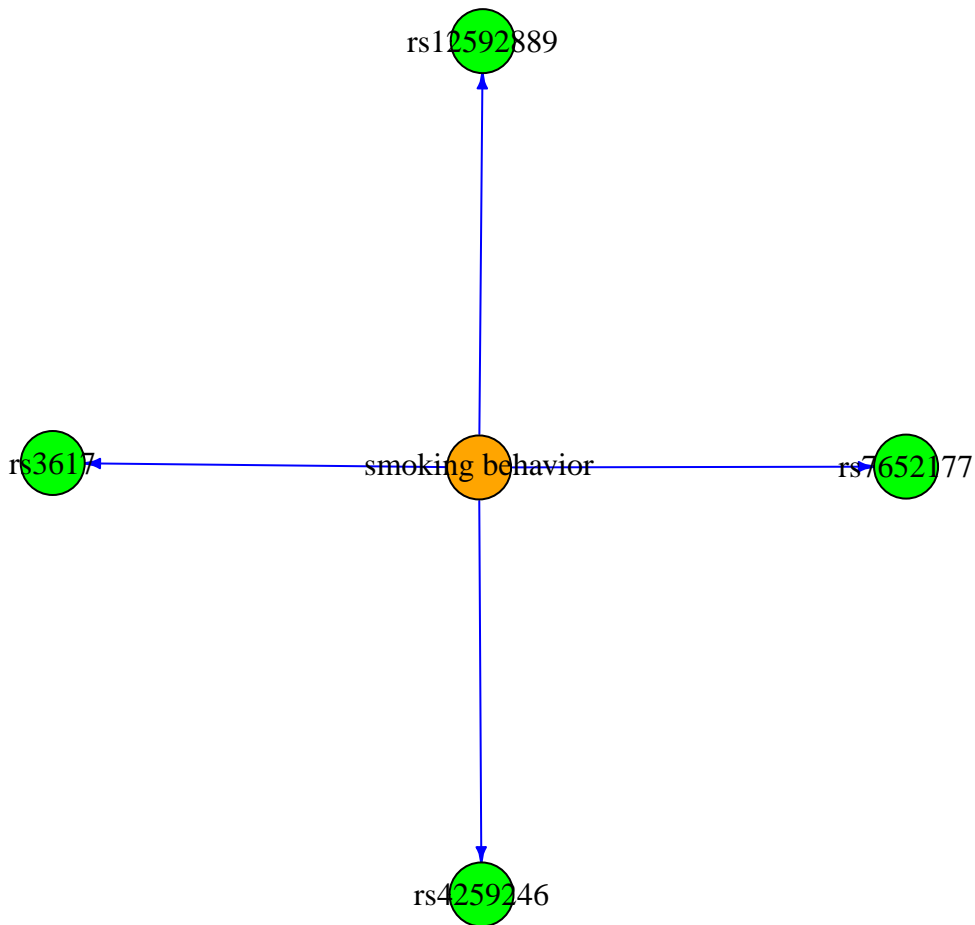
## Variant–Disease Network (psoriasis vulgaris)



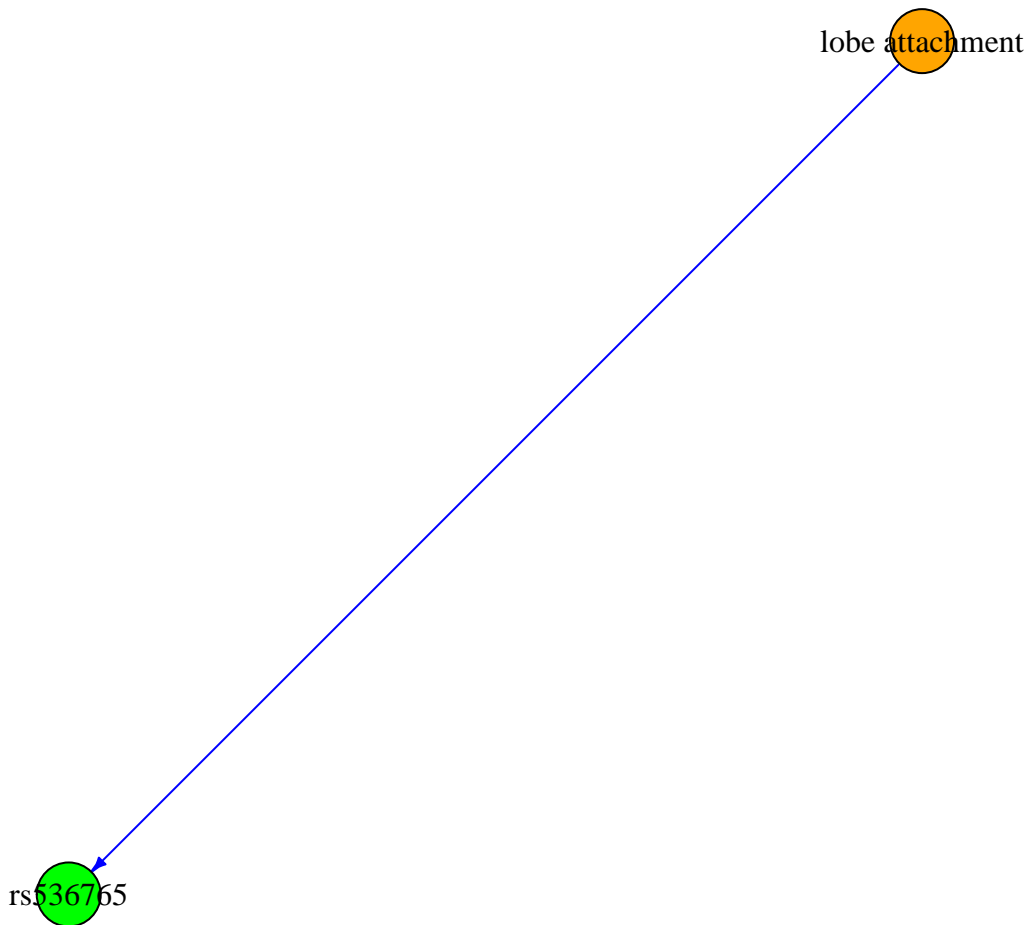
## Variant–Disease Network (grip strength measurement)



## Variant–Disease Network (smoking behavior)



## Variant–Disease Network (lobe attachment)

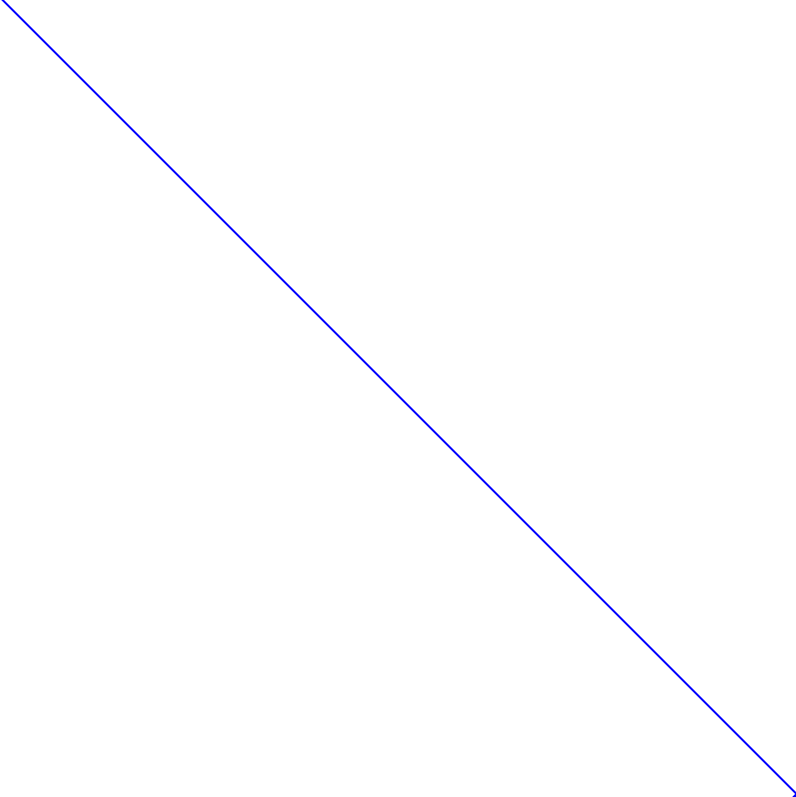


## Variant–Disease Network (late-onset Alzheimers disease)

late-onset Alzheimers disease



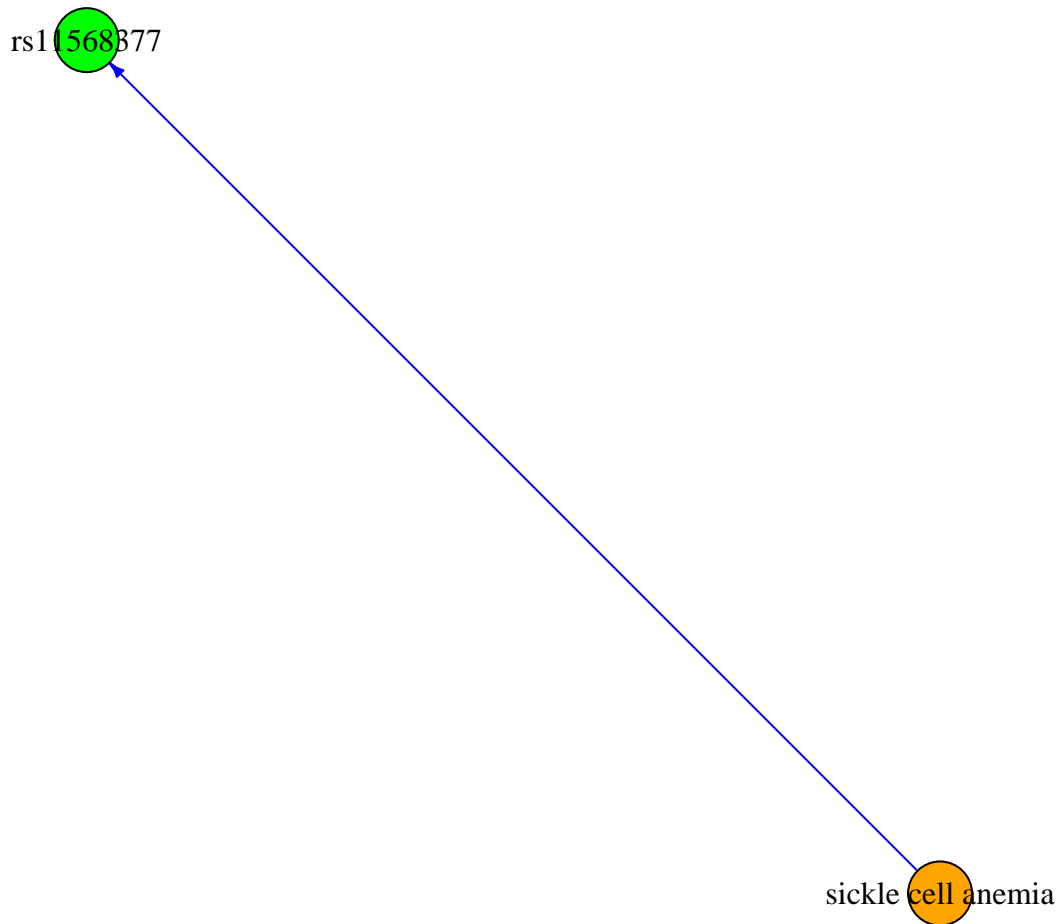
rs6010201



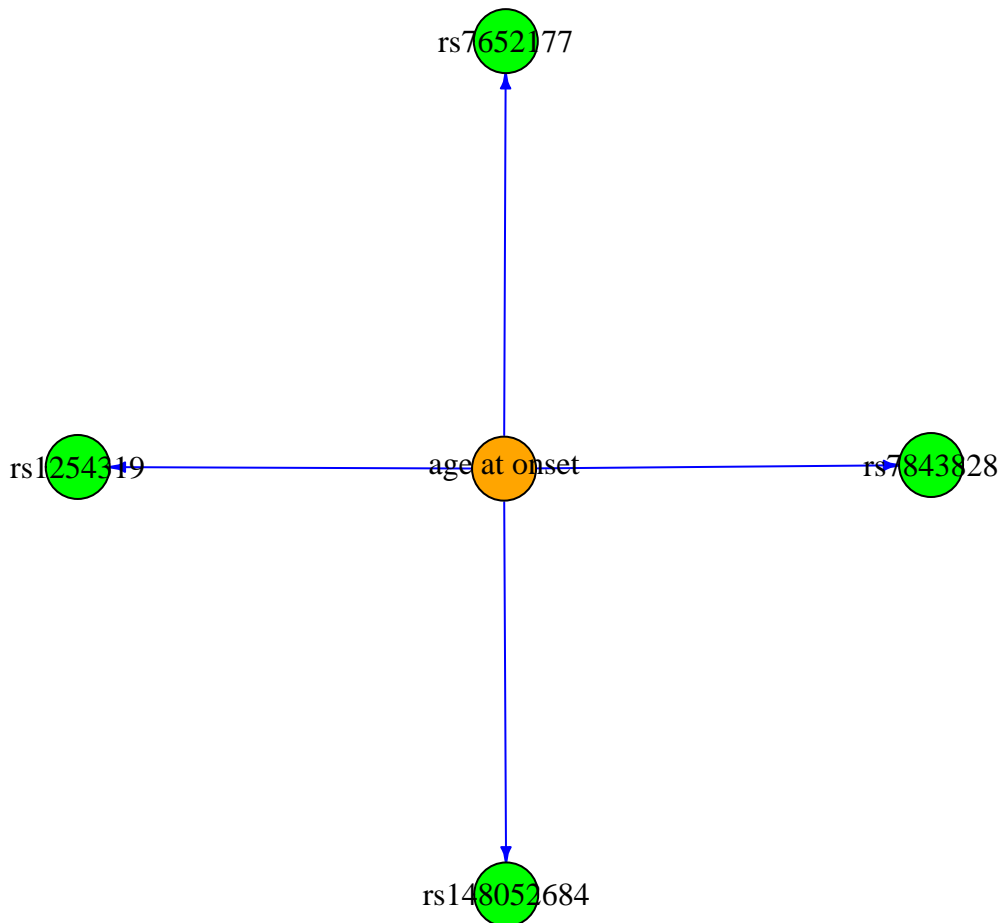


## **Variant–Disease Network (family history of Alzheimer’s disease)**

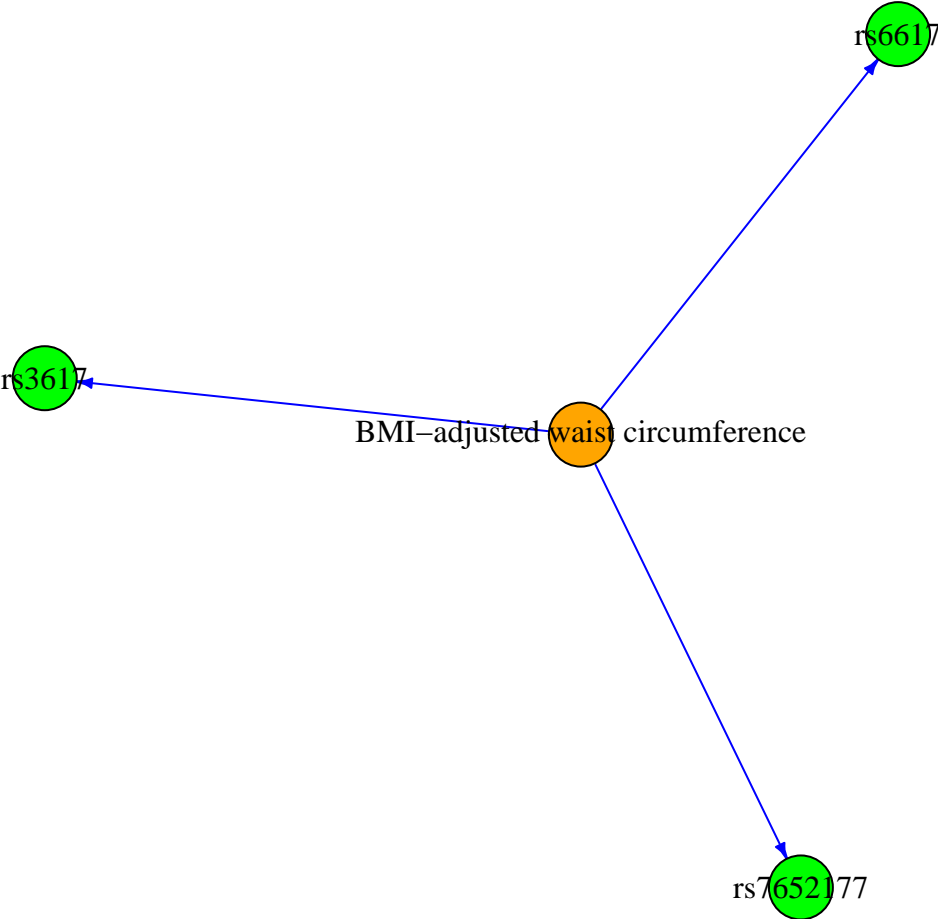
## Variant–Disease Network (sickle cell anemia)



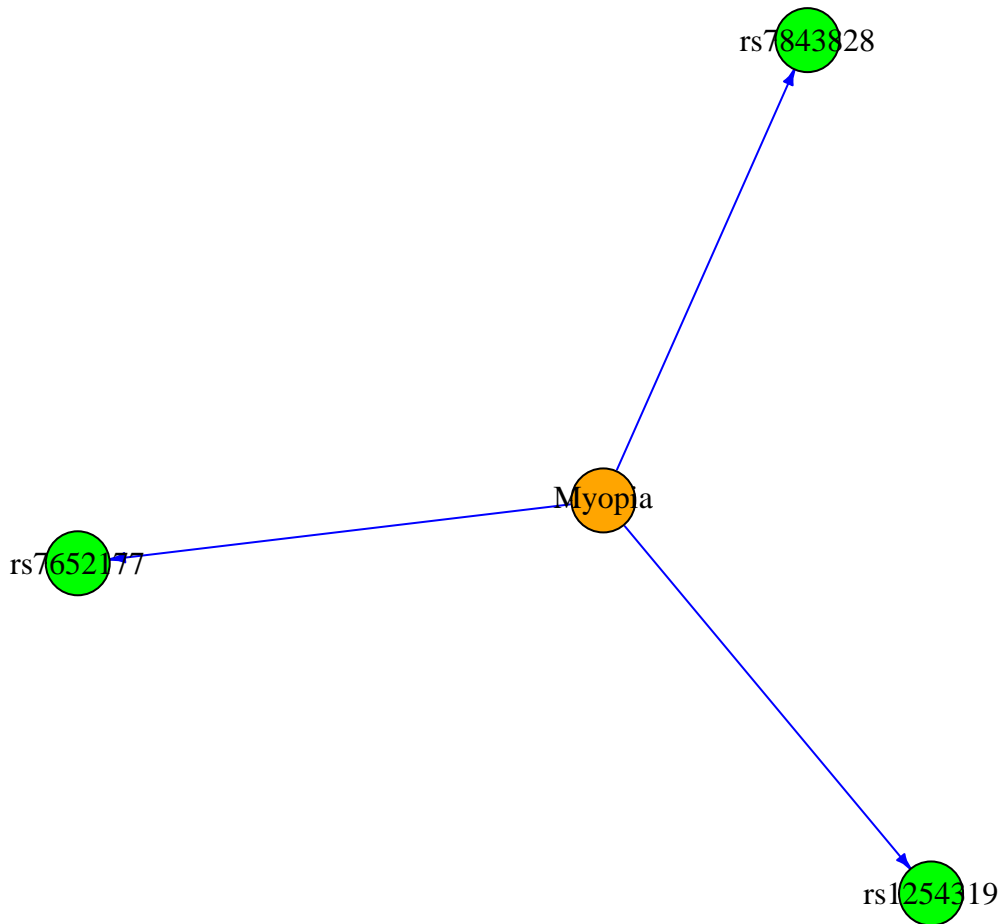
## Variant–Disease Network (age at onset)



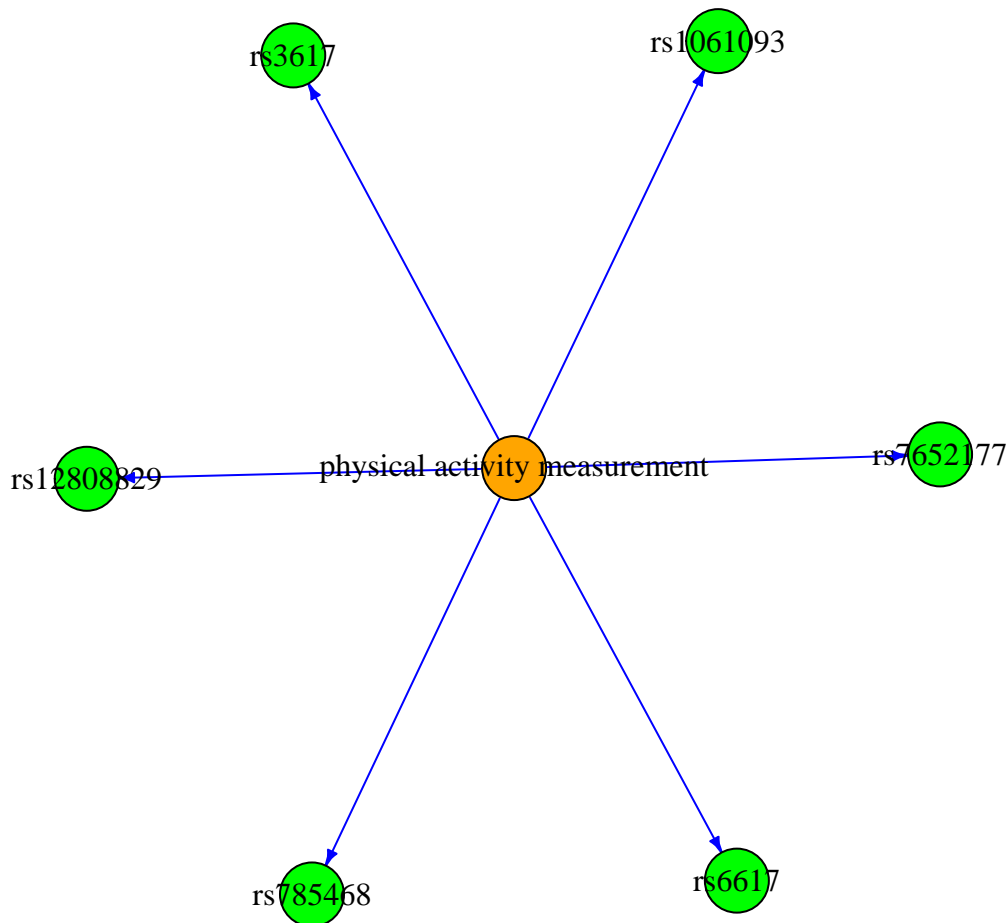
Variant–Disease Network (BMI-adjusted waist circumference)



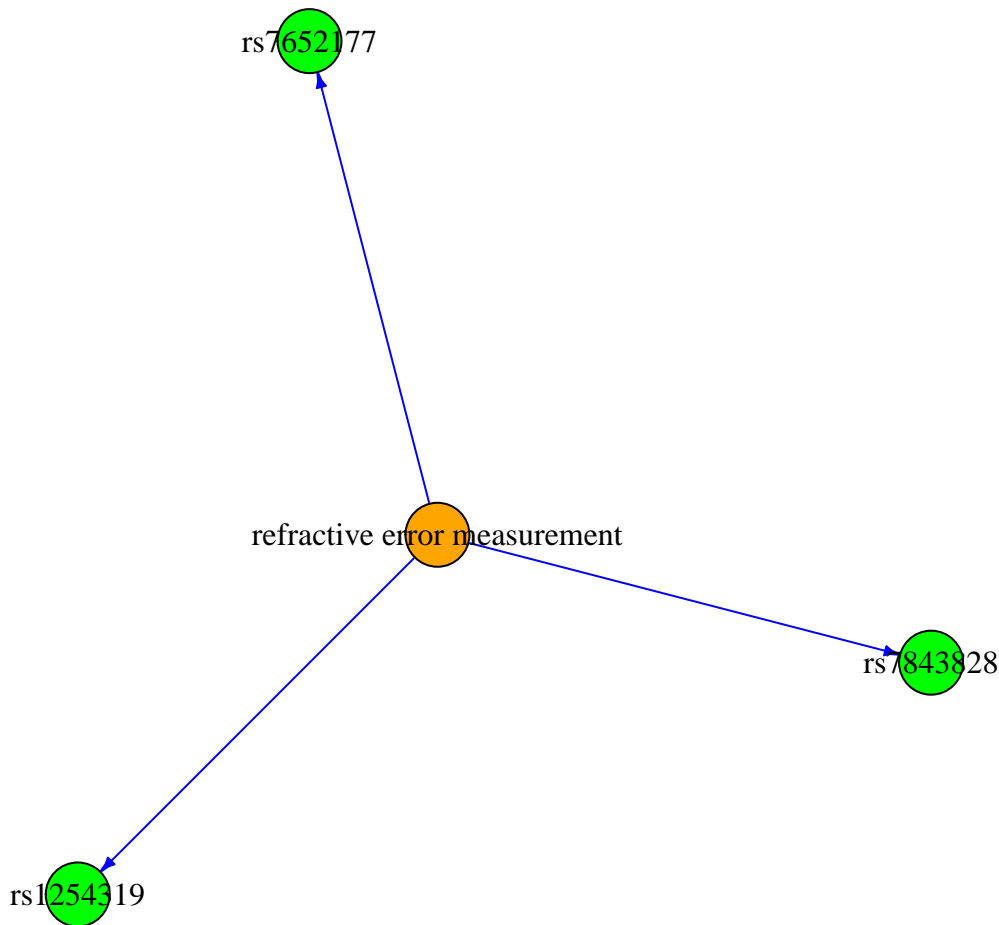
## Variant–Disease Network (Myopia)



## Variant–Disease Network (physical activity measurement)



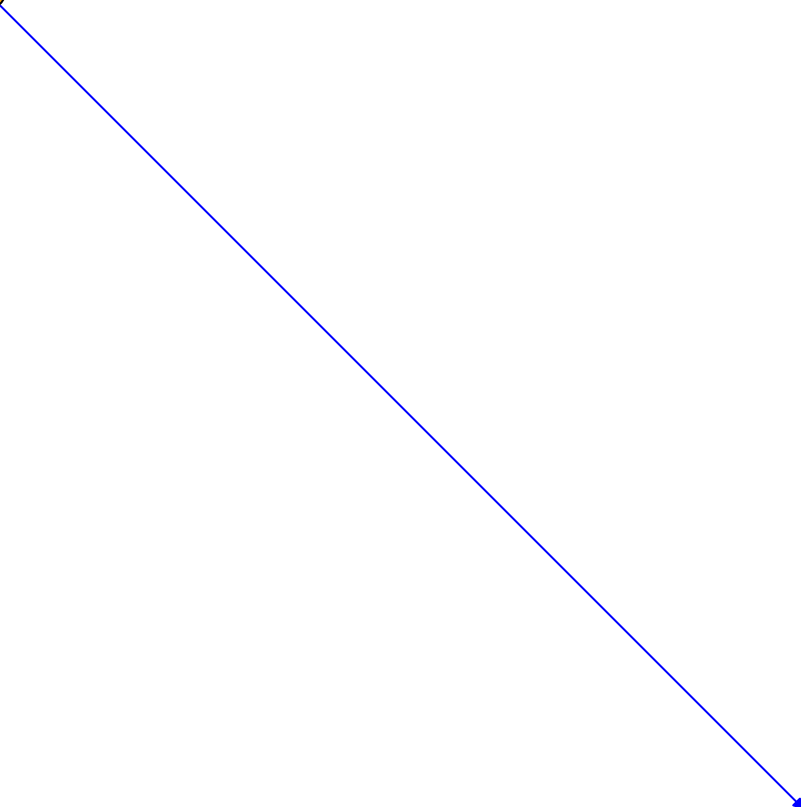
# Variant–Disease Network (refractive error measurement)



## Variant–Disease Network (waist circumference)

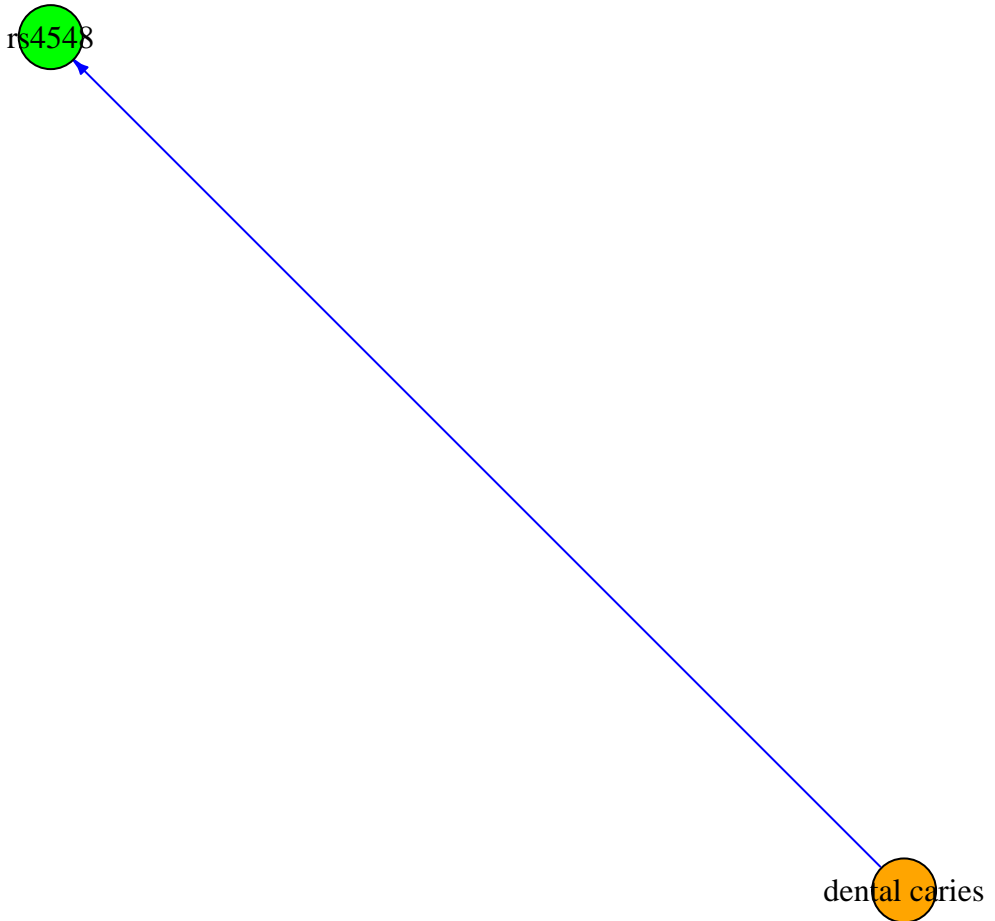
waist circumference

rs7652177

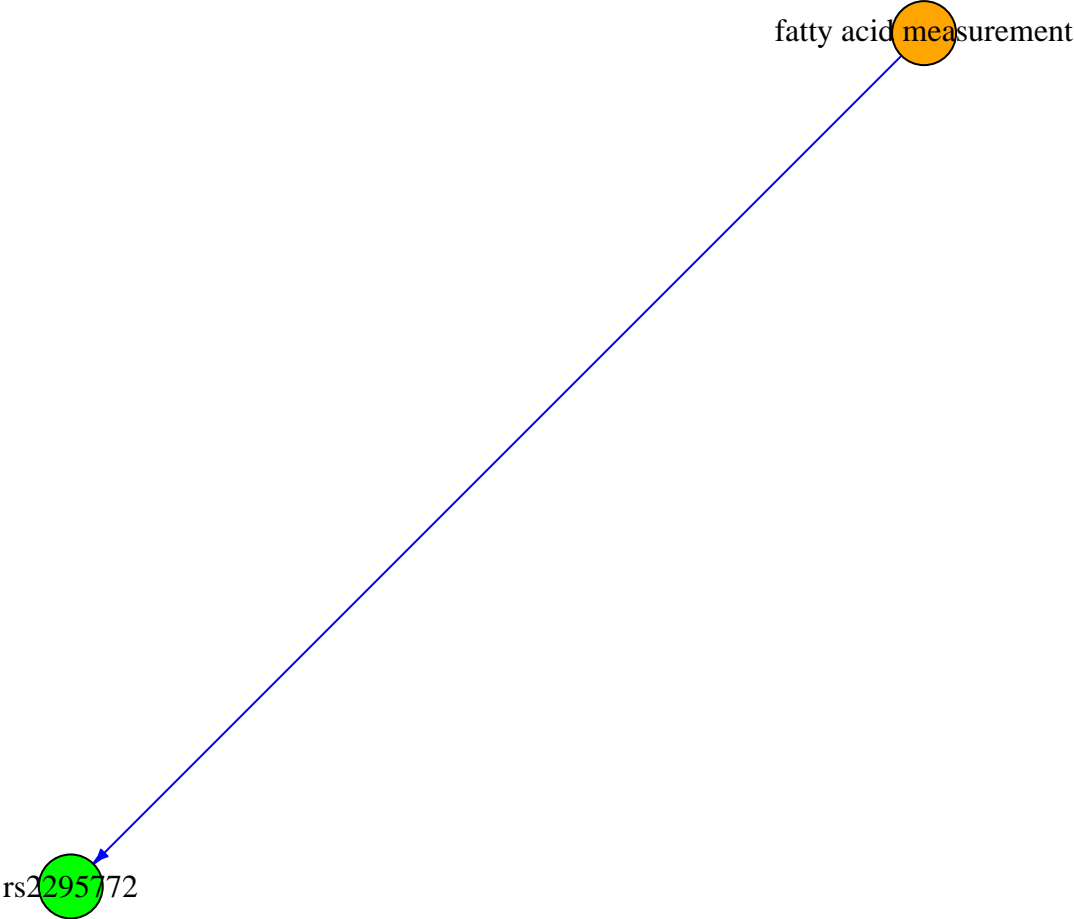




## Variant–Disease Network (dental caries)

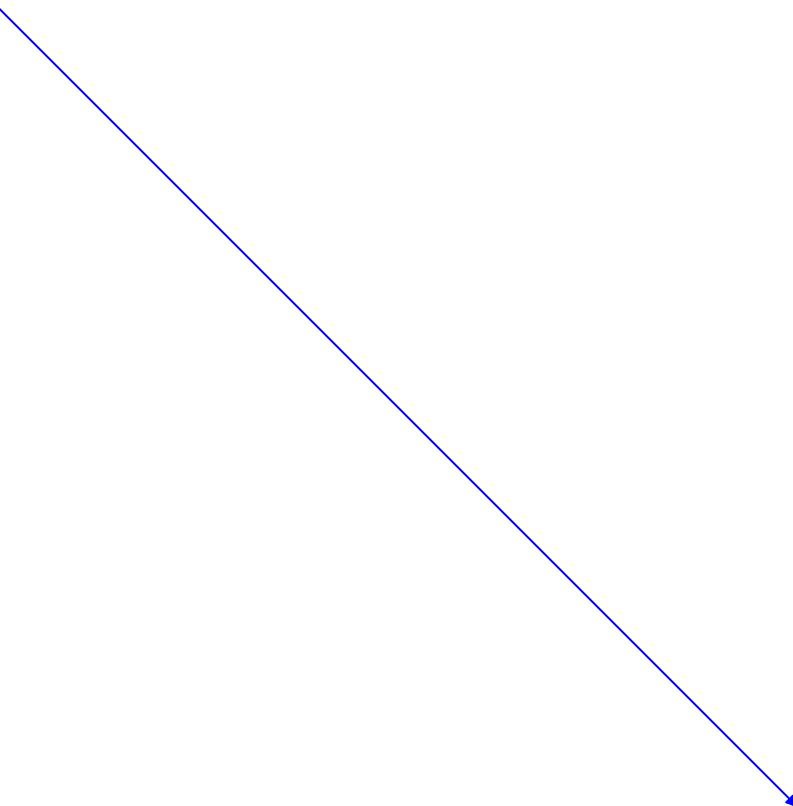


**Variant–Disease Network (fatty acid measurement)**



**Variant–Disease Network (palmitoleic acid measurement)**

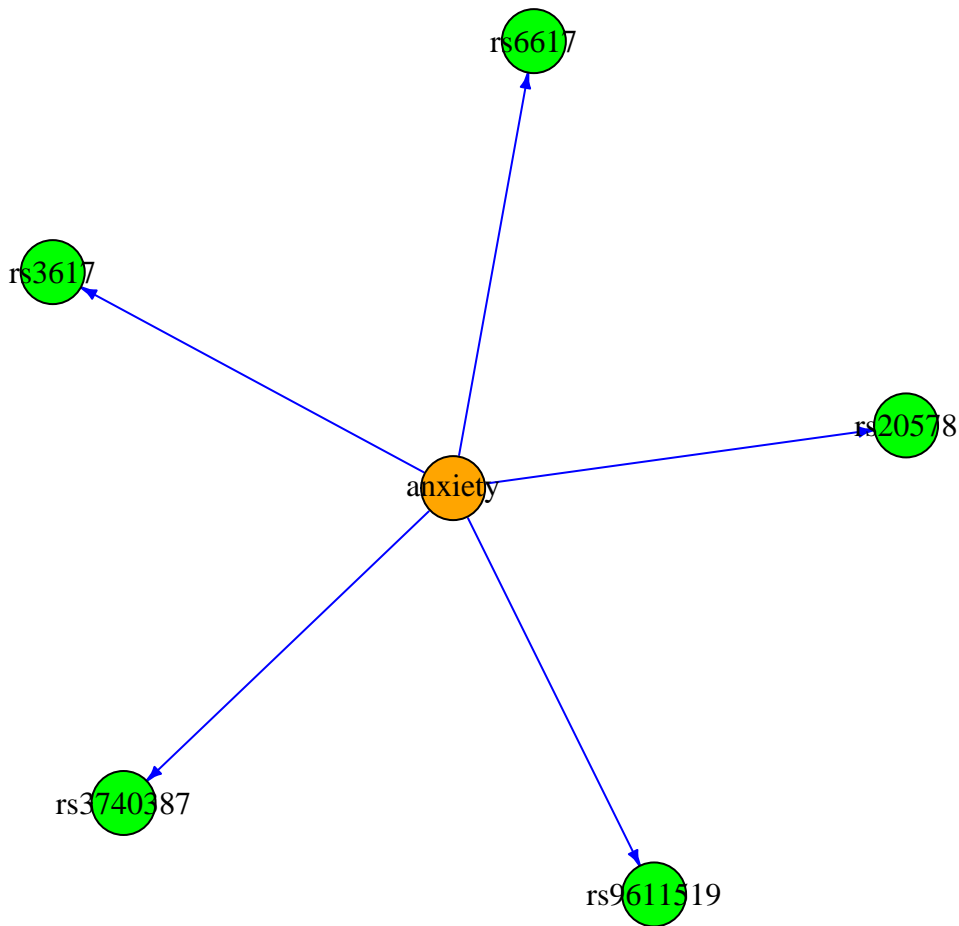
palmitoleic acid measurement



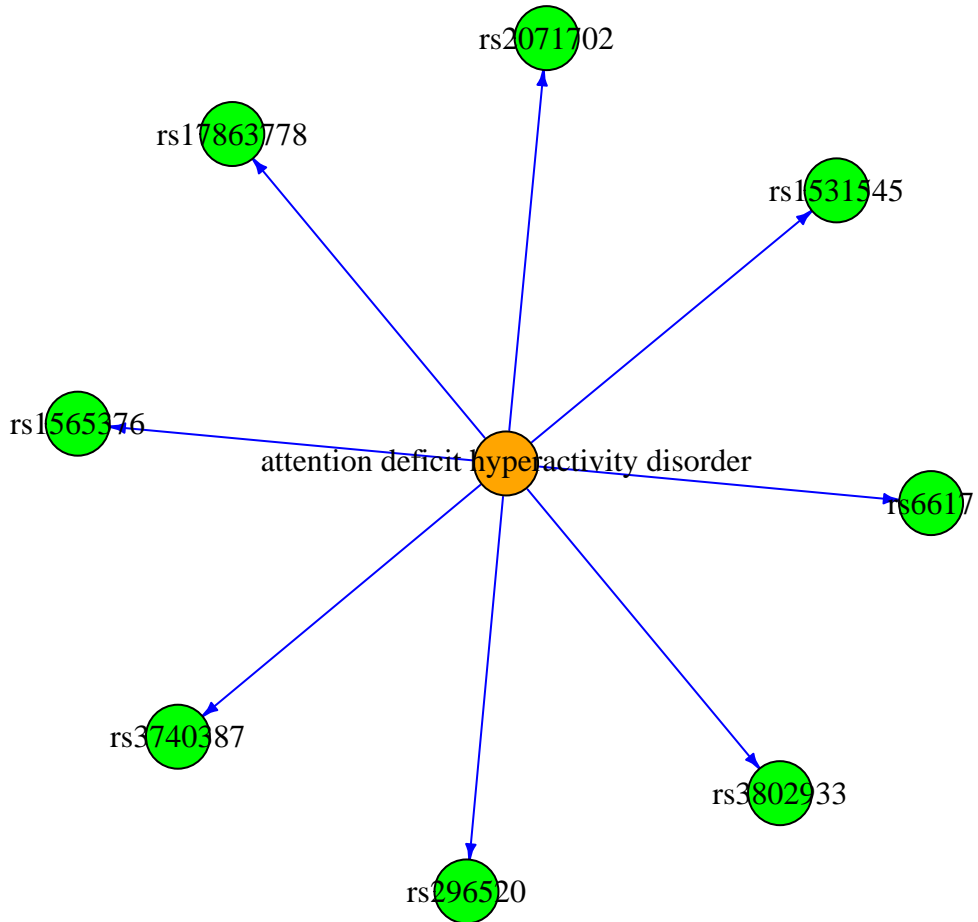
rs2295772



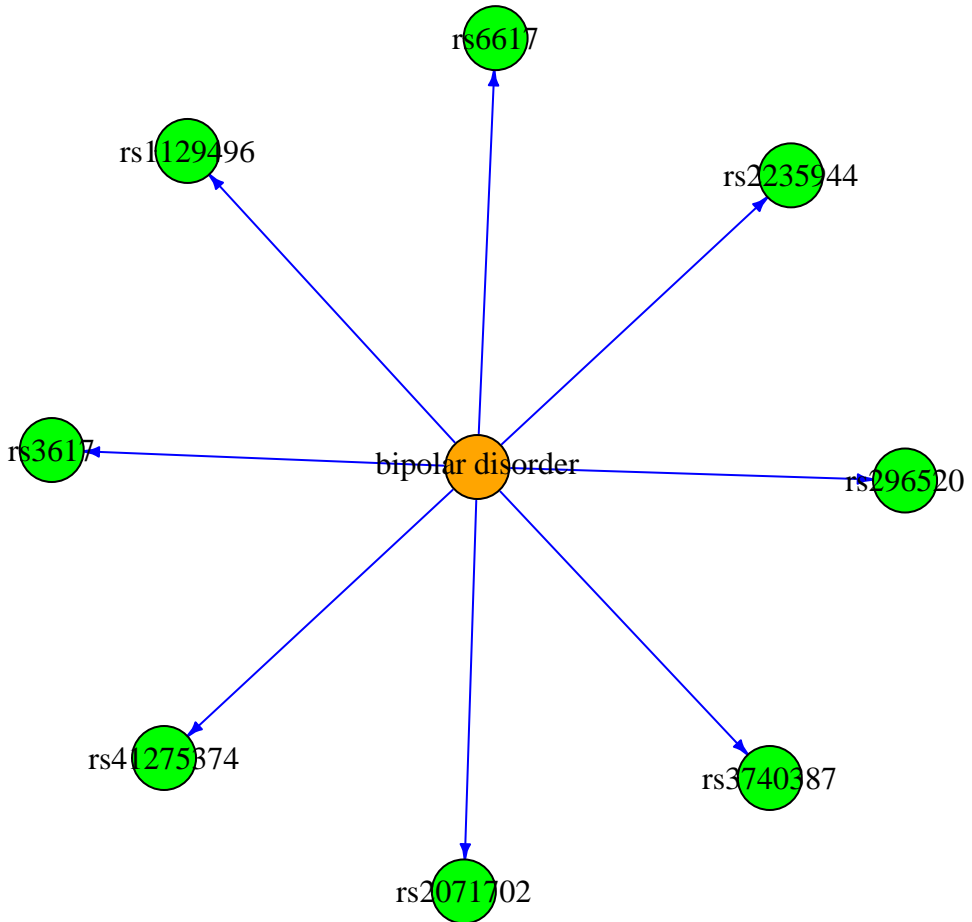
## Variant-Disease Network (anxiety)



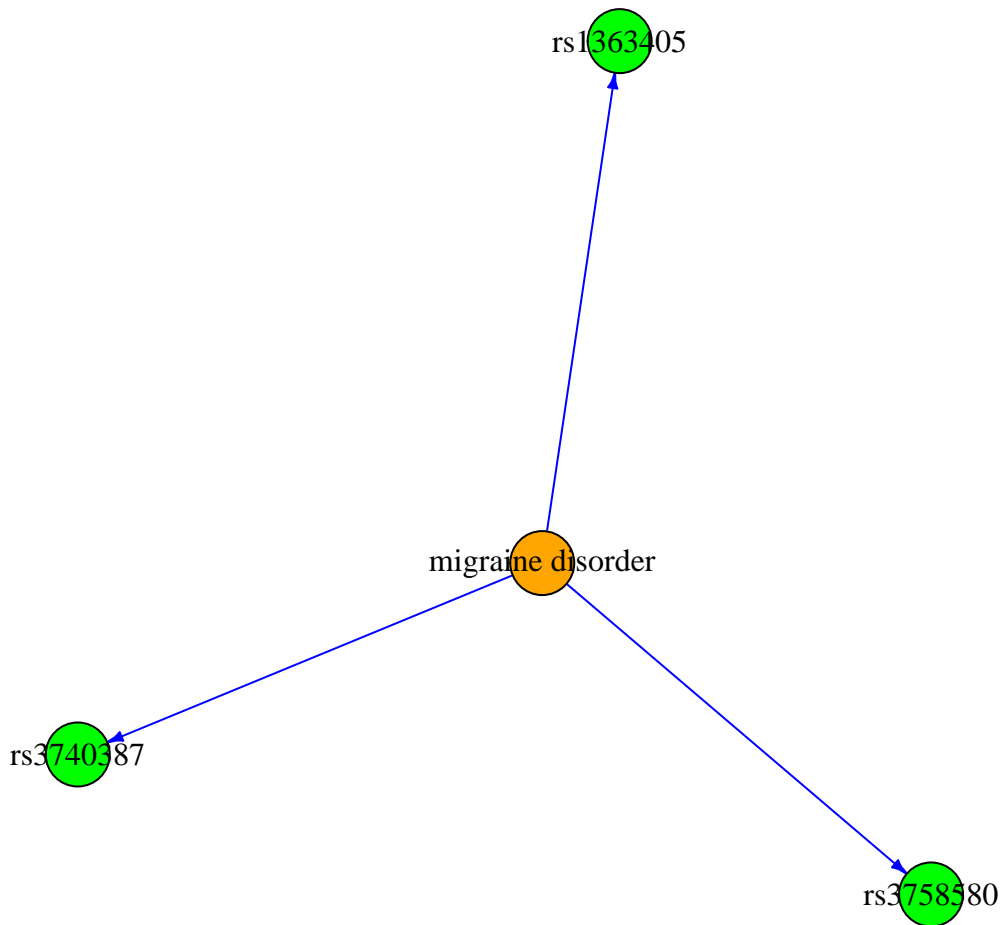
# Variant–Disease Network (attention deficit hyperactivity disorder)



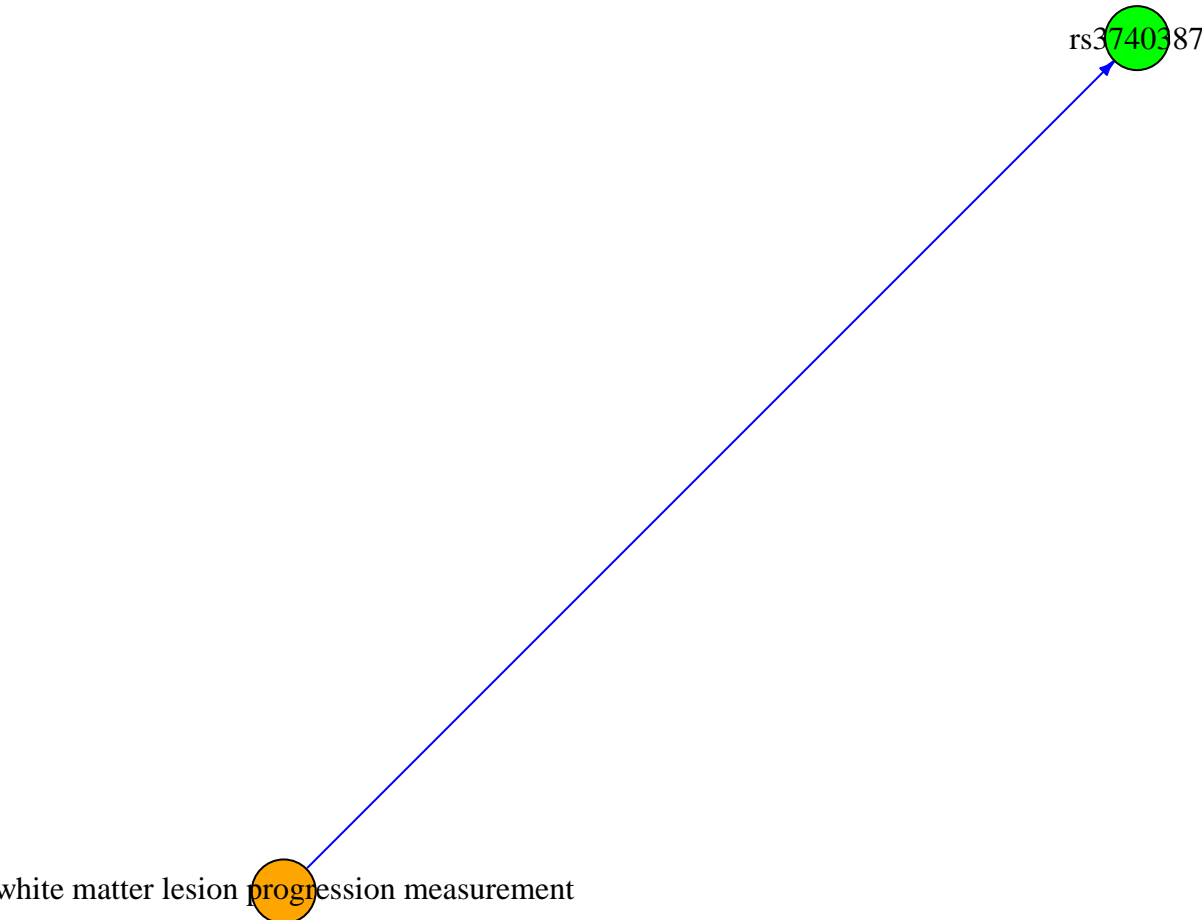
## Variant–Disease Network (bipolar disorder)



## Variant–Disease Network (migraine disorder)

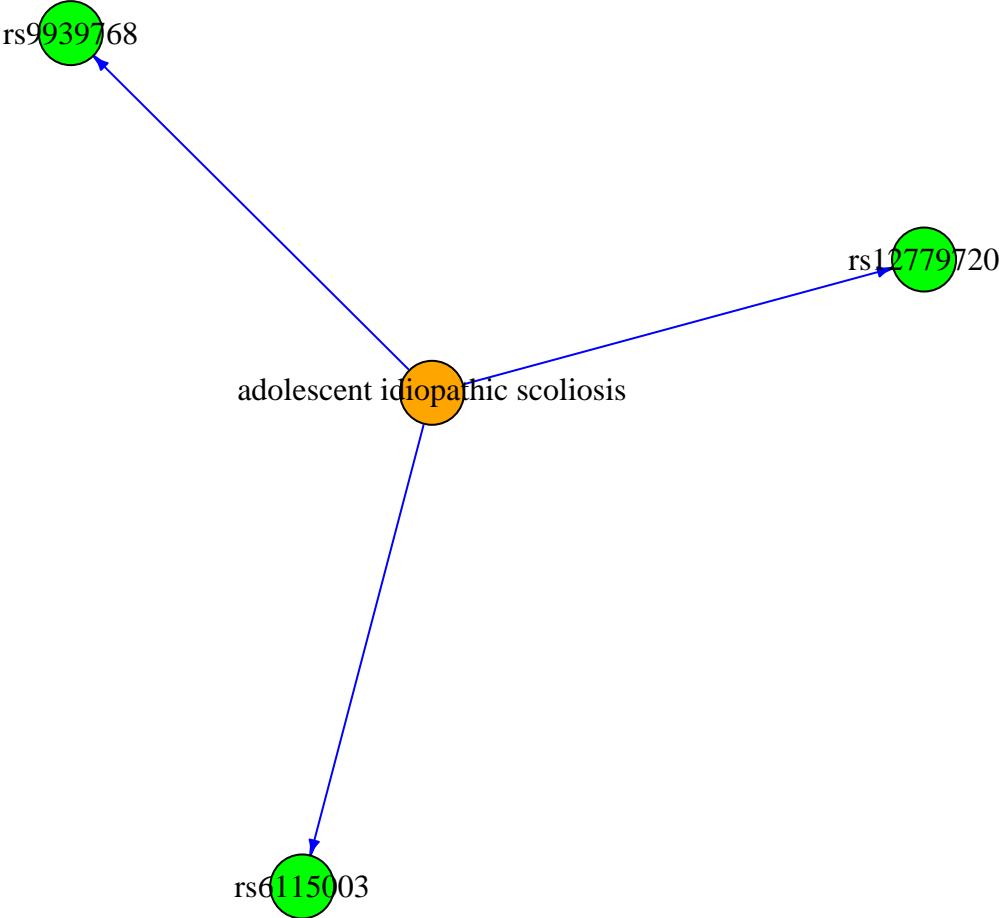


**Variant–Disease Network (white matter lesion progression measurement)**

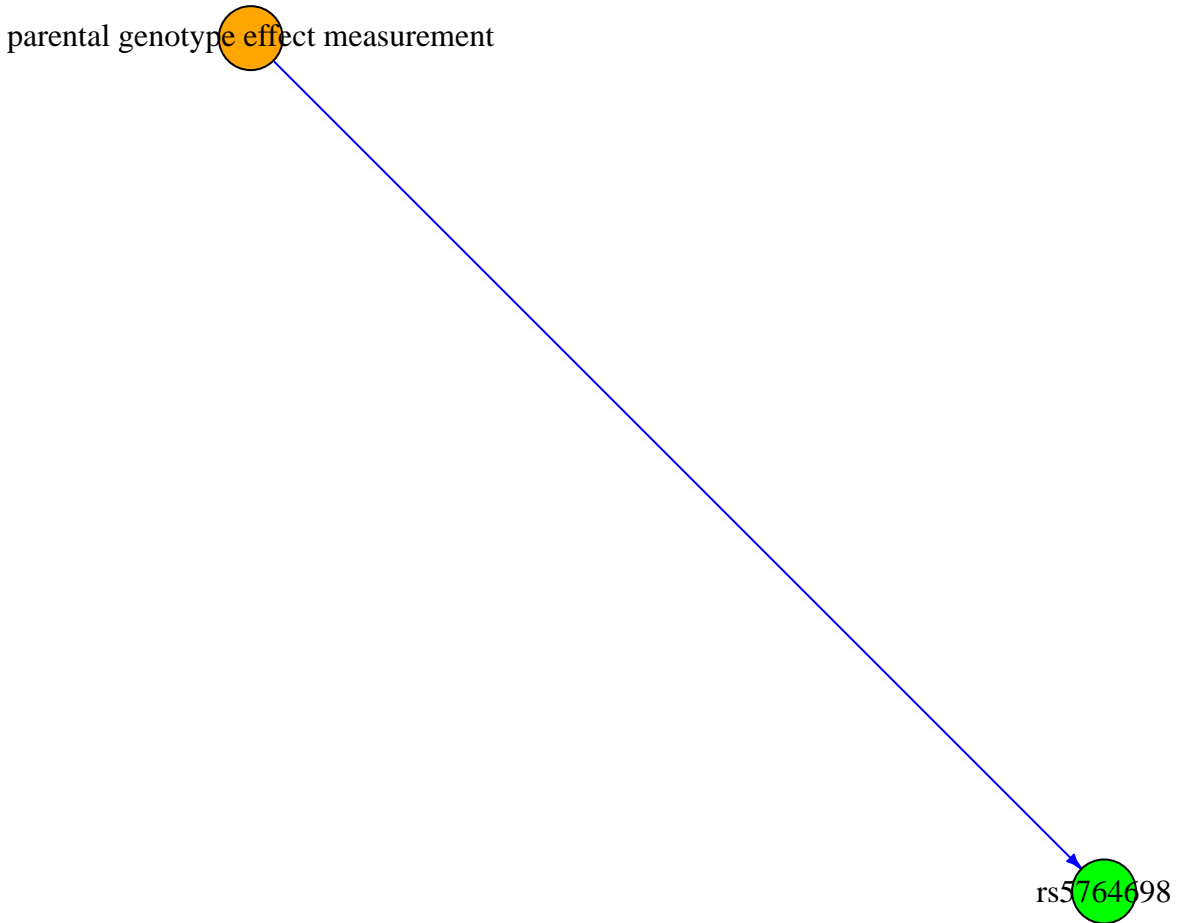




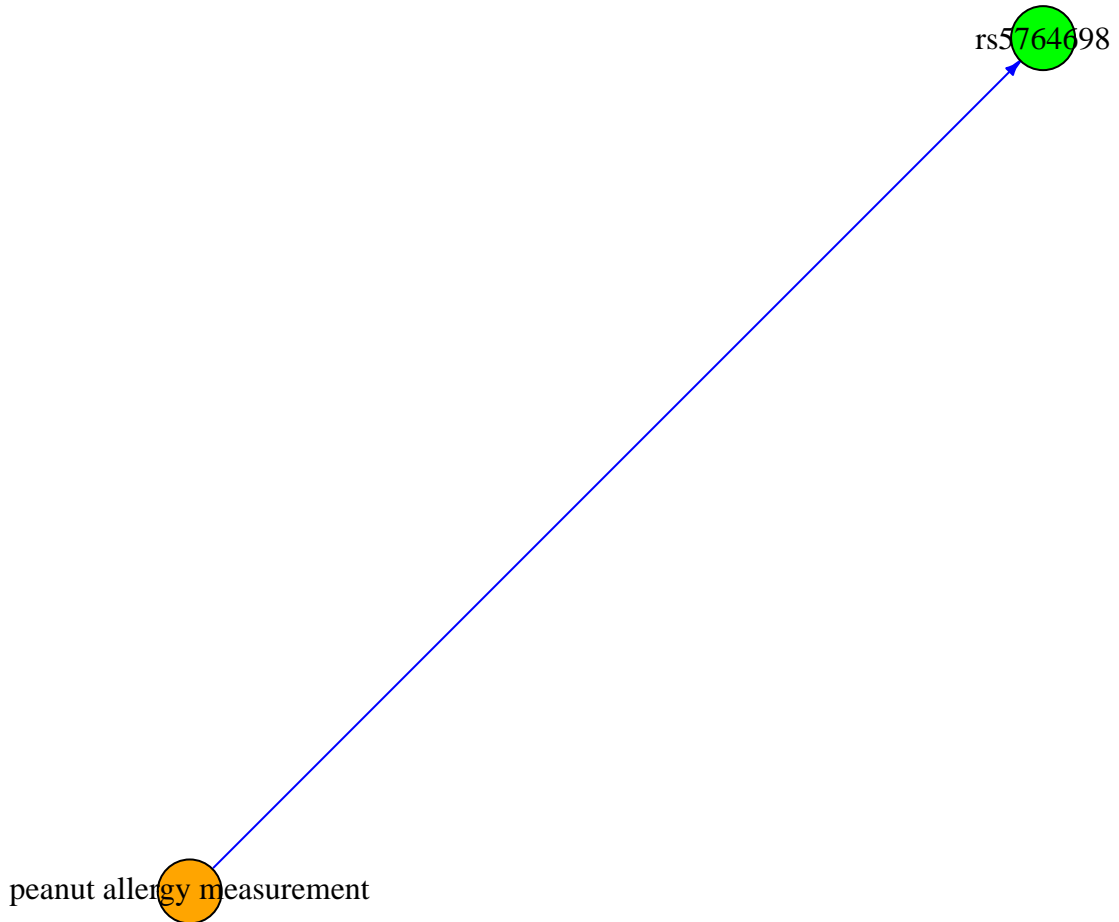
**Variant–Disease Network (adolescent idiopathic scoliosis)**



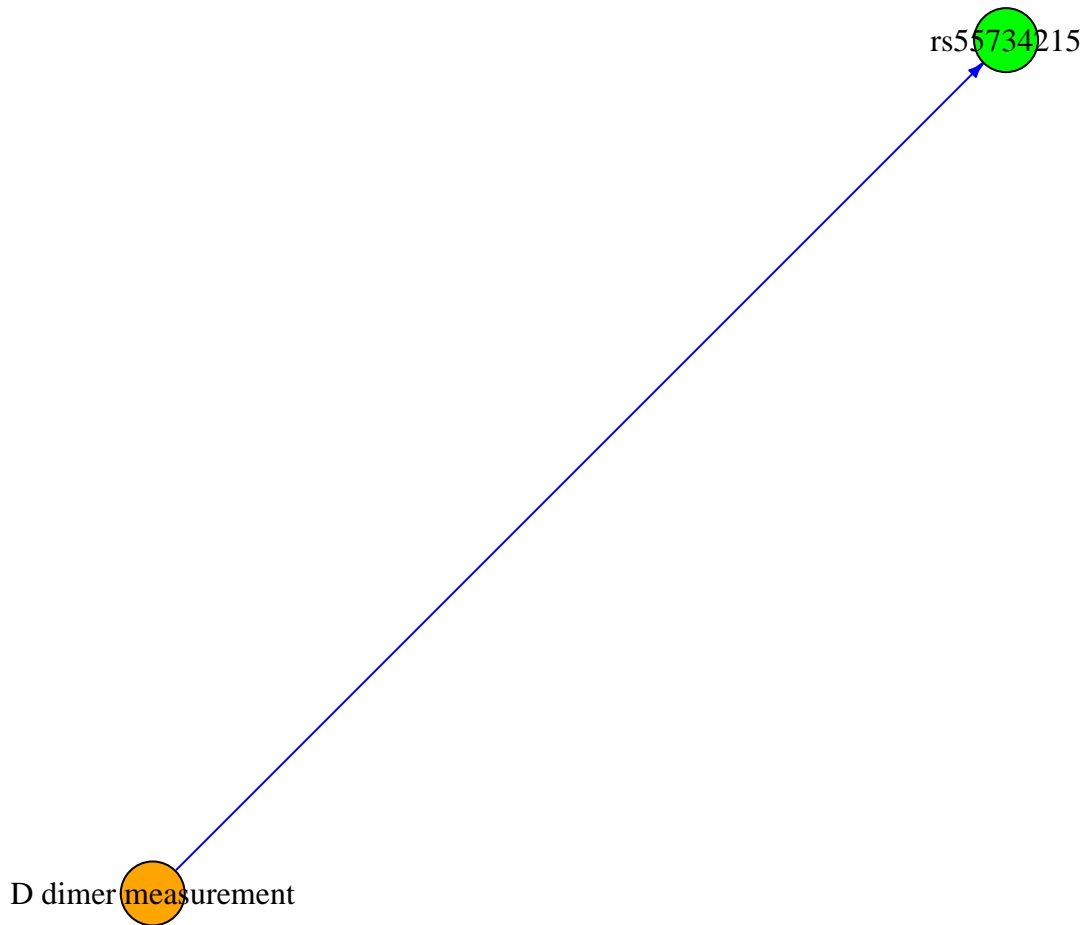
# Variant–Disease Network (parental genotype effect measurement)



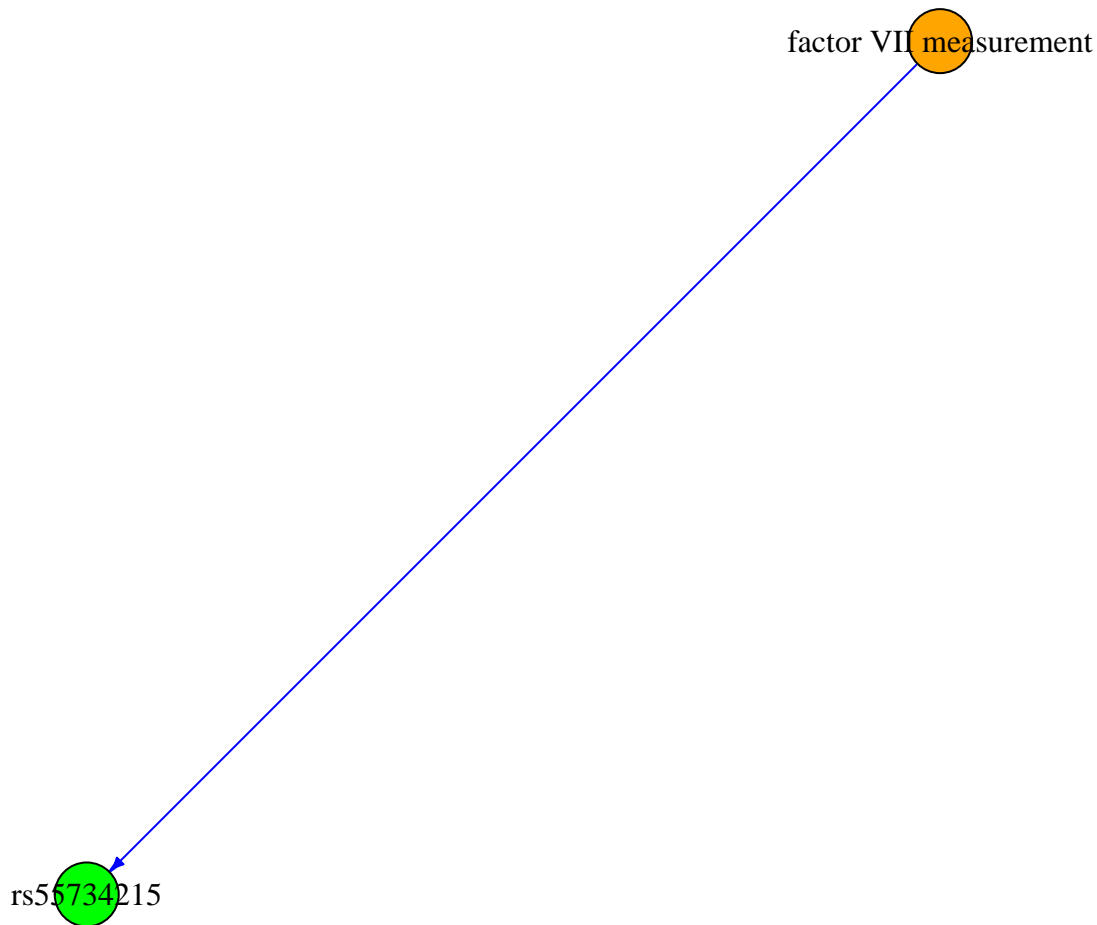
# Variant–Disease Network (peanut allergy measurement)



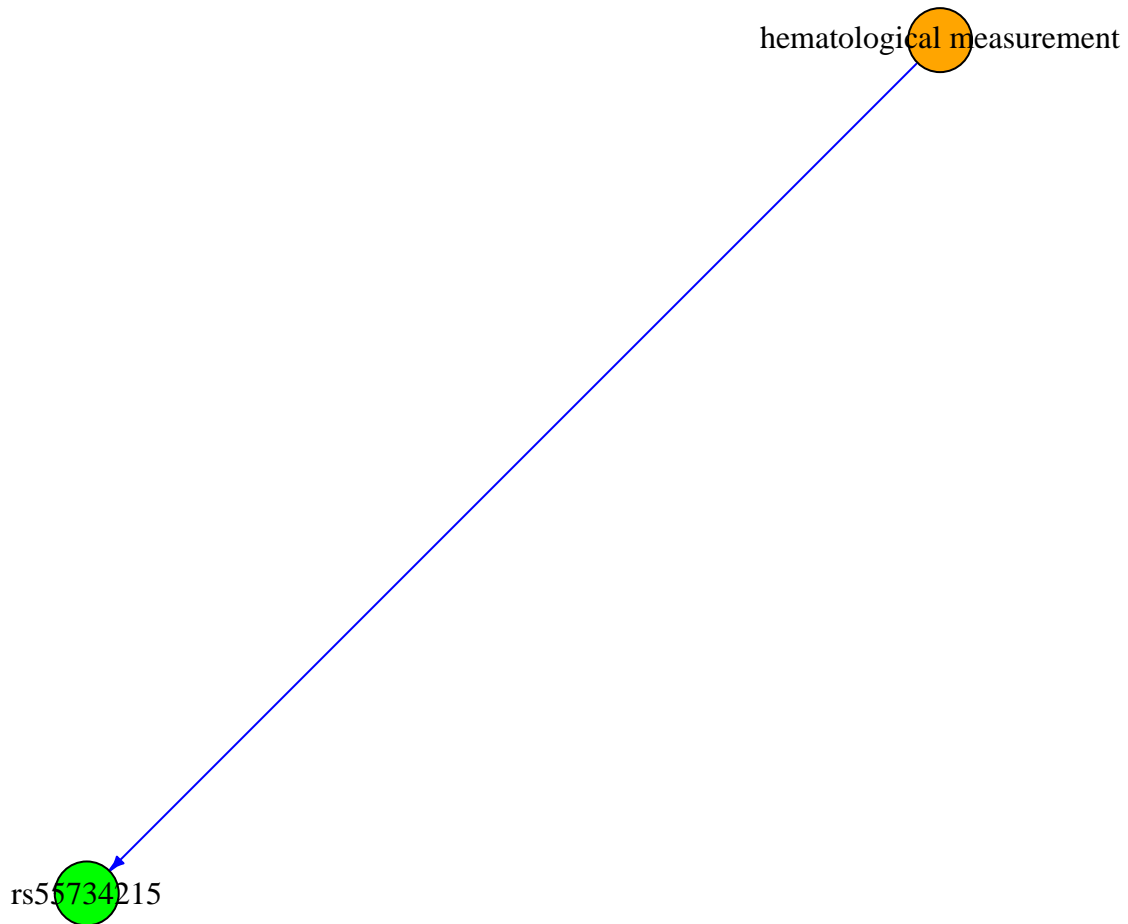
## Variant–Disease Network (D dimer measurement)



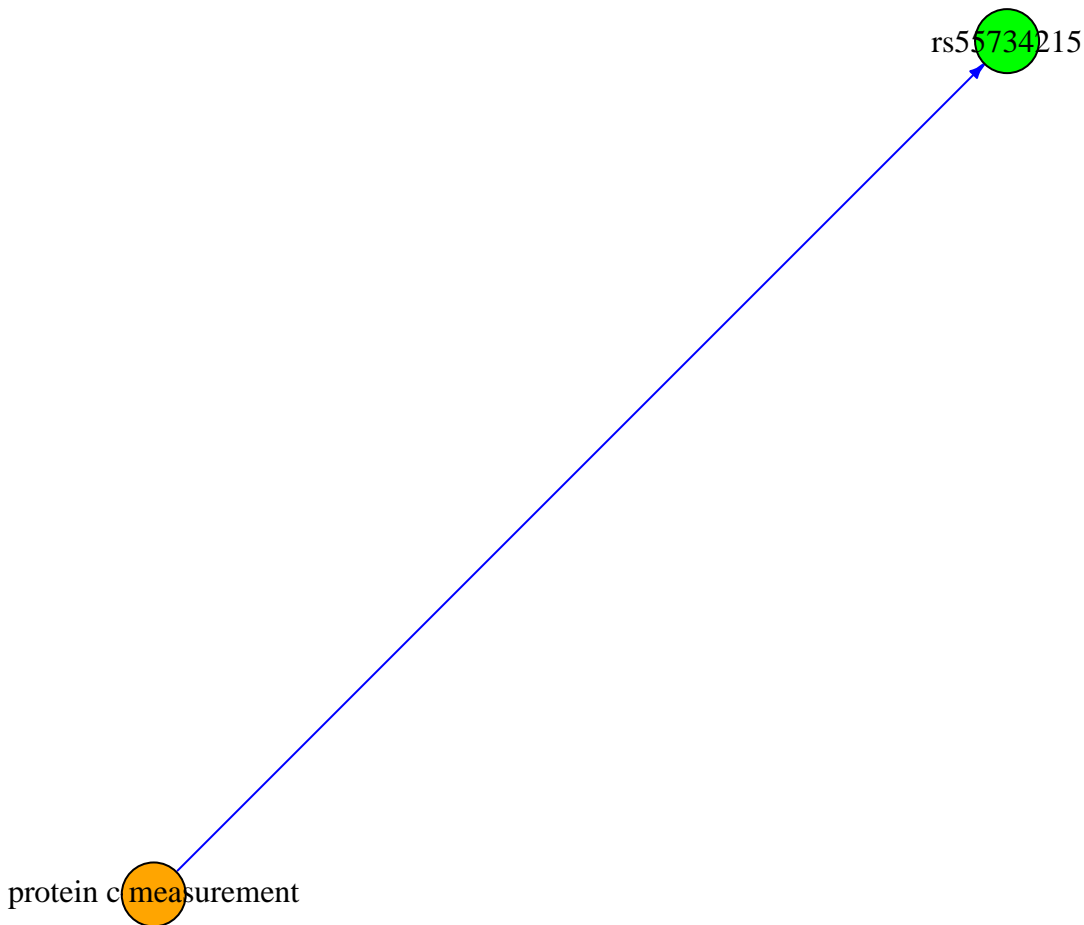
# Variant–Disease Network (factor VII measurement)



## Variant-Disease Network (hematological measurement)

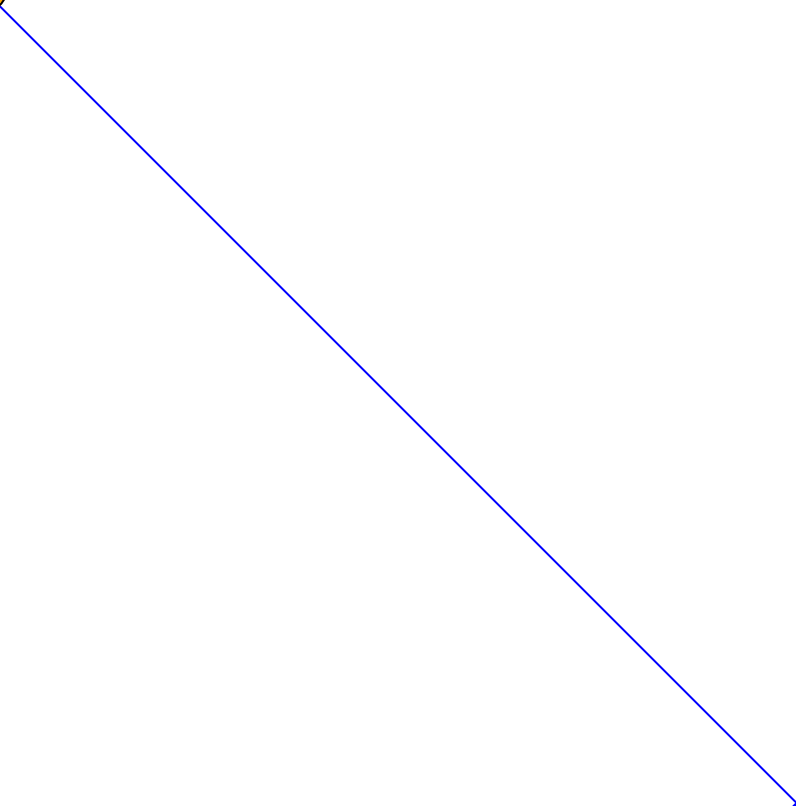


## Variant–Disease Network (protein c measurement)



## Variant–Disease Network (prothrombin time measurement)

prothrombin time measurement



rs55734215



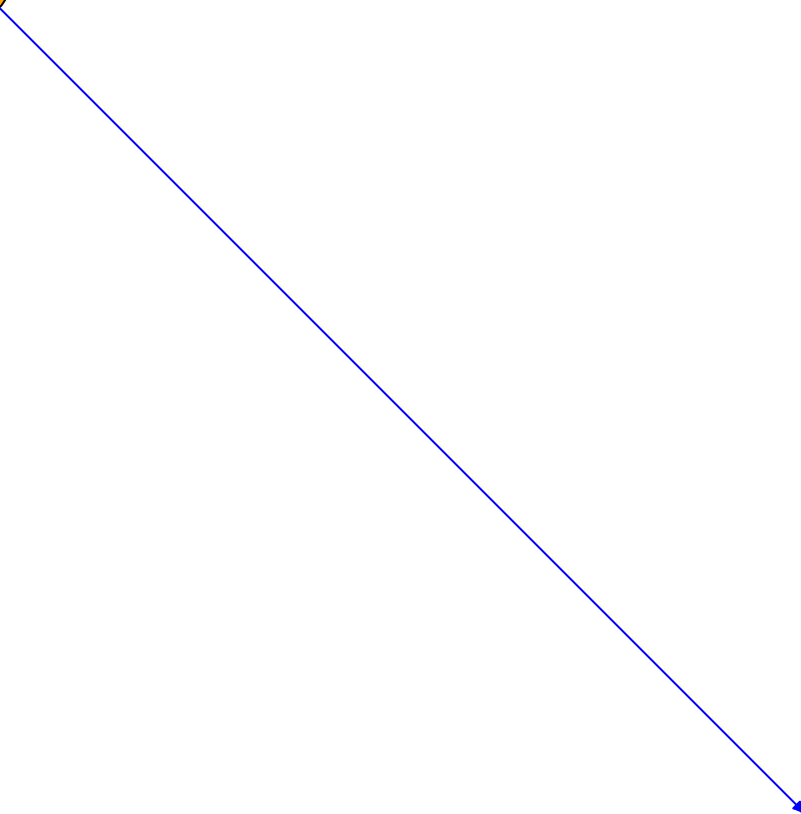


## Variant–Disease Network (sporadic amyotrophic lateral sclerosis)

sporadic amyotrophic lateral sclerosis

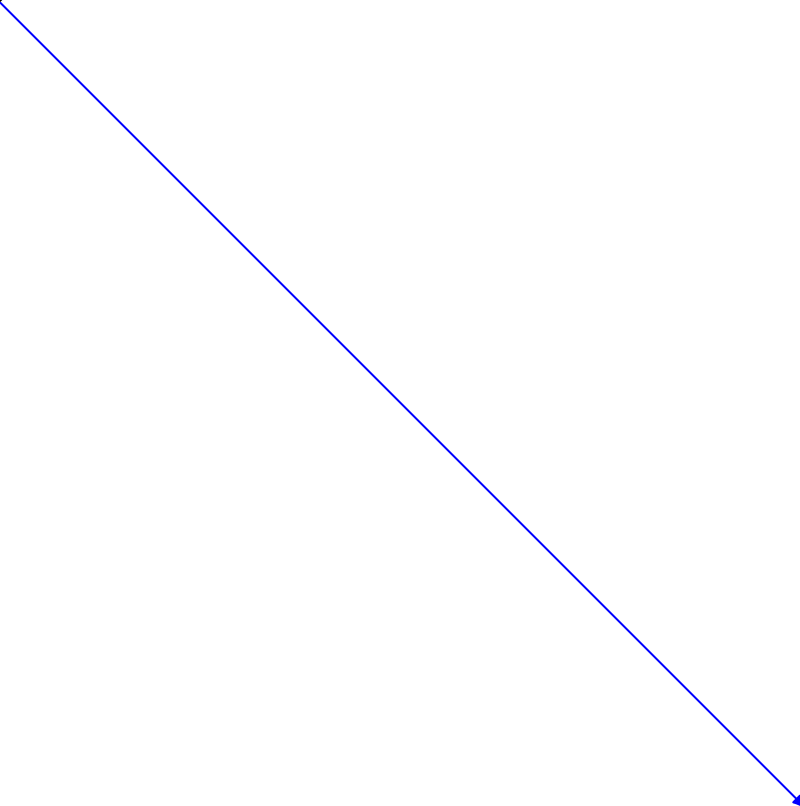


rs55734215



# Variant–Disease Network (vitamin K–dependent protein C measurement)

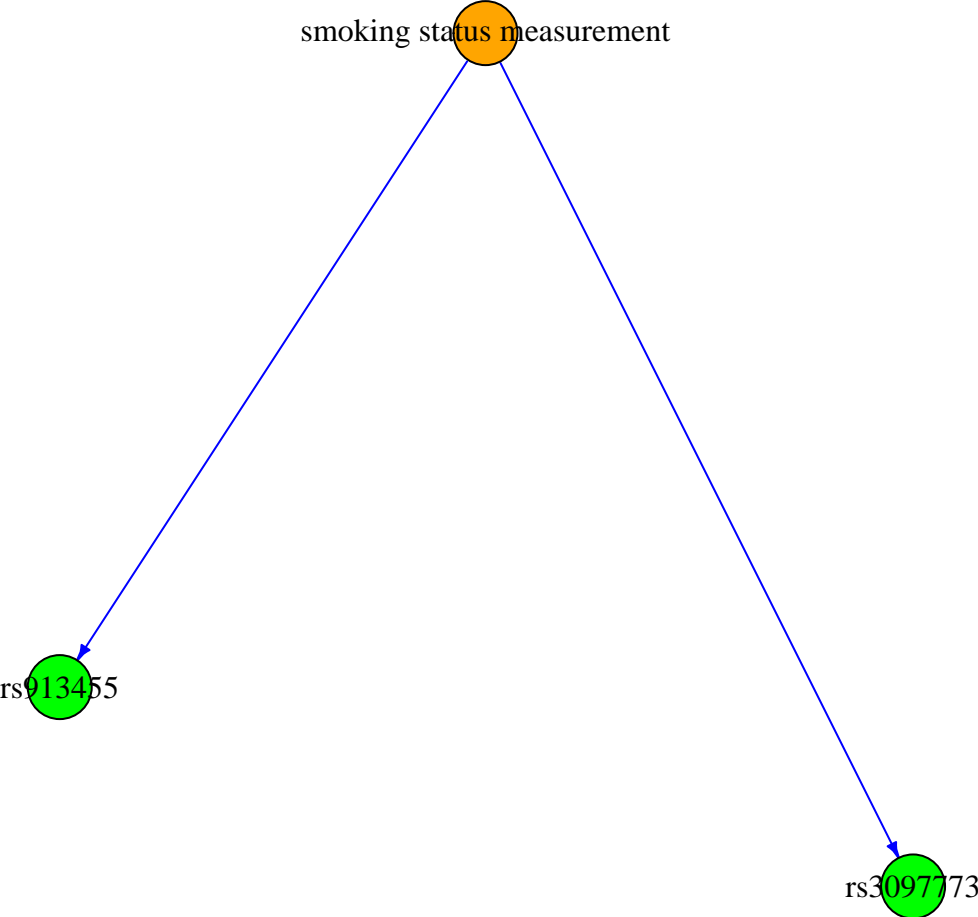
vitamin K–dependent protein C measurement



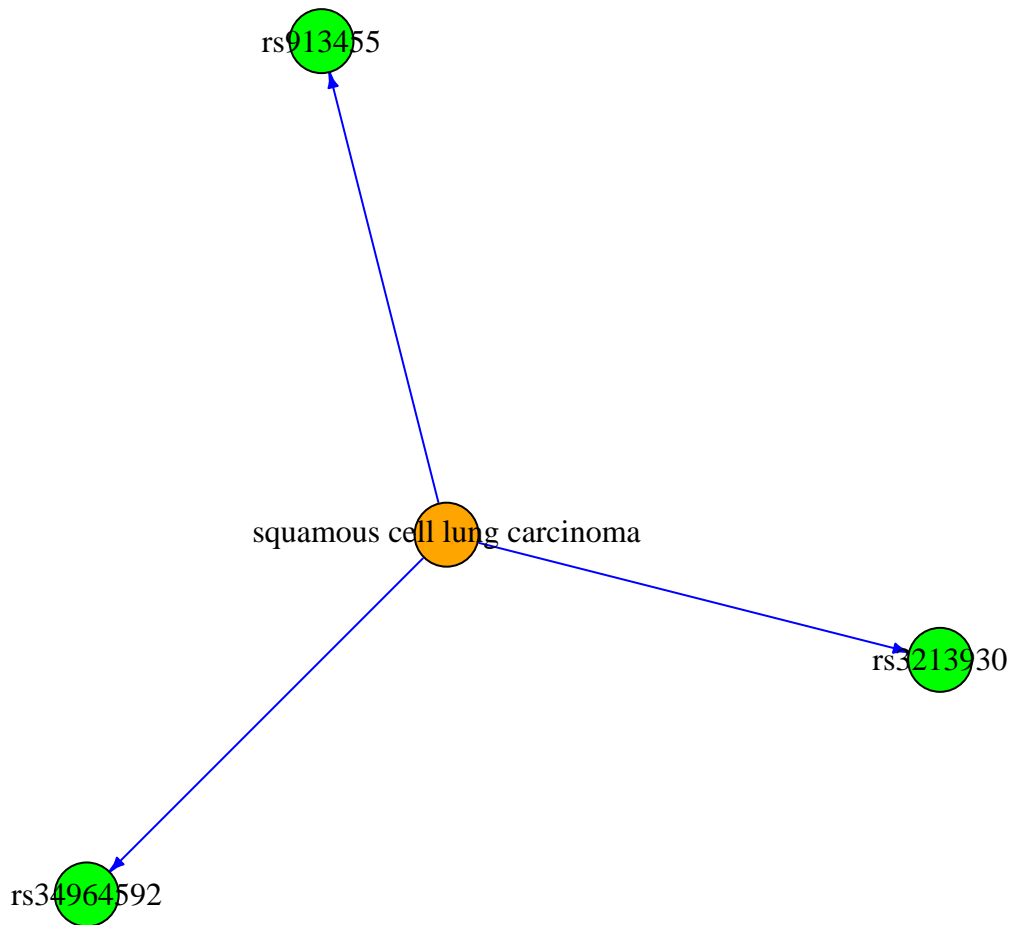
rs55734215



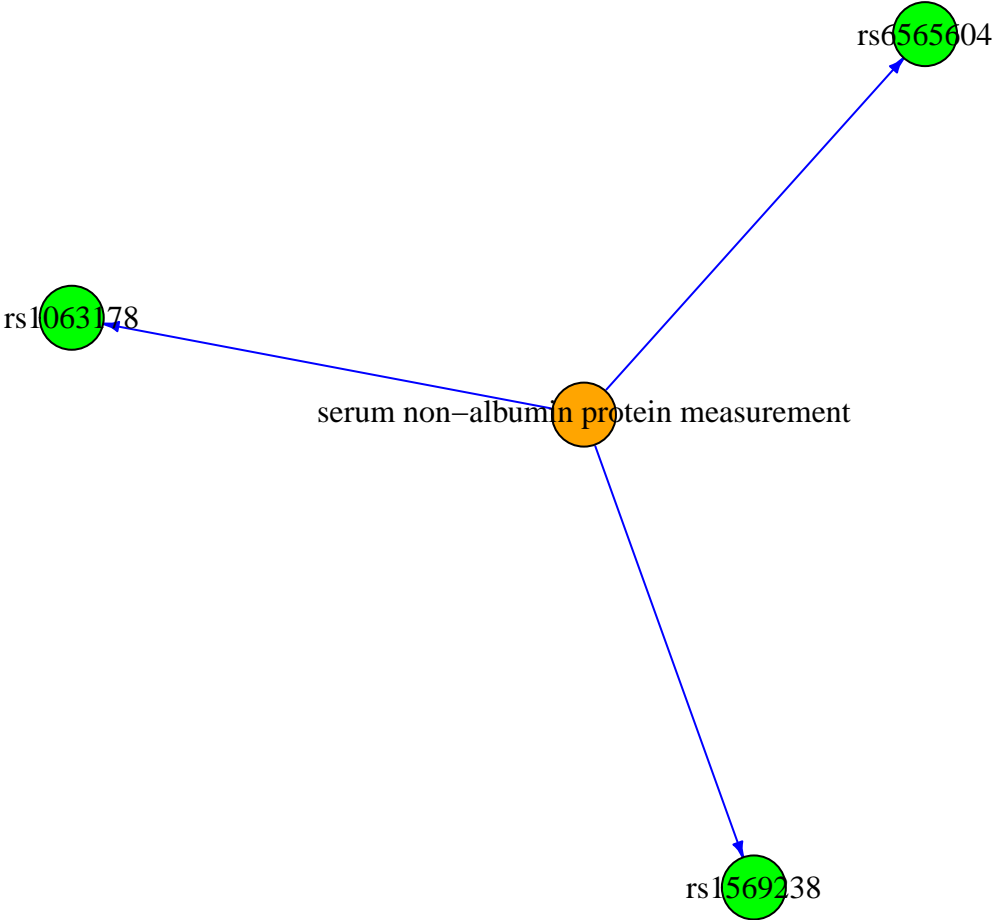
**Variant–Disease Network (smoking status measurement)**



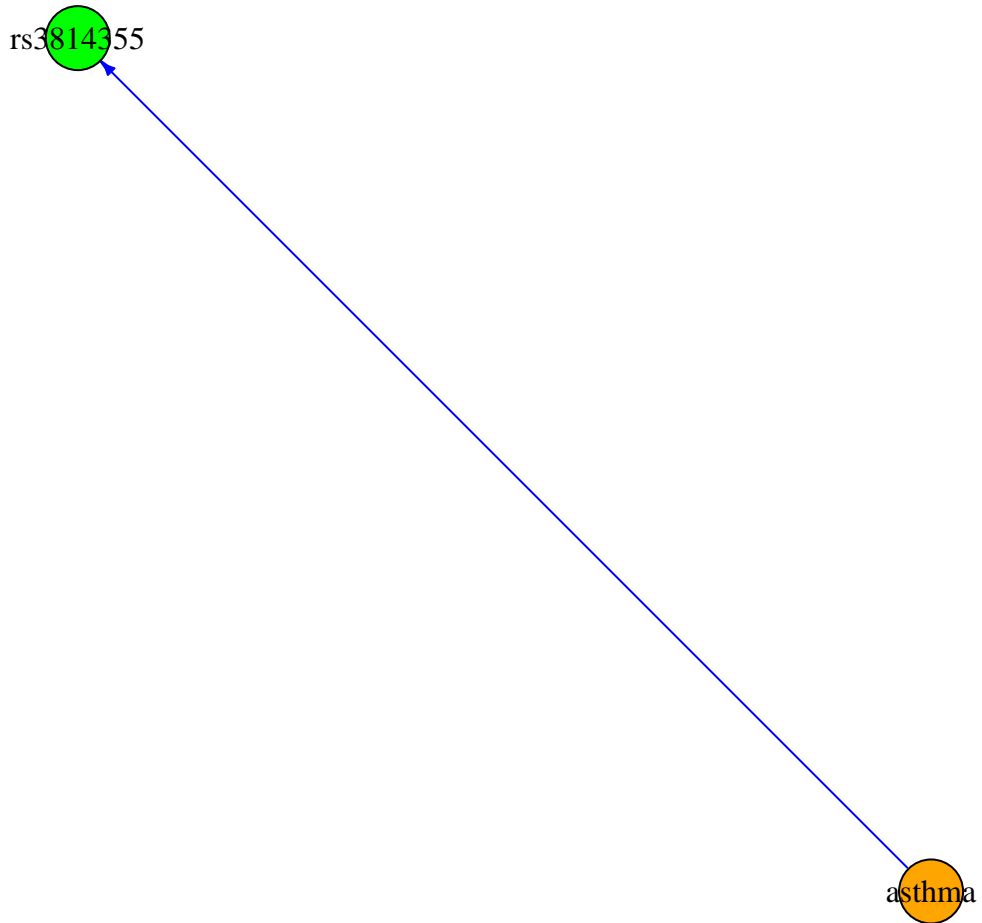
## Variant–Disease Network (squamous cell lung carcinoma)



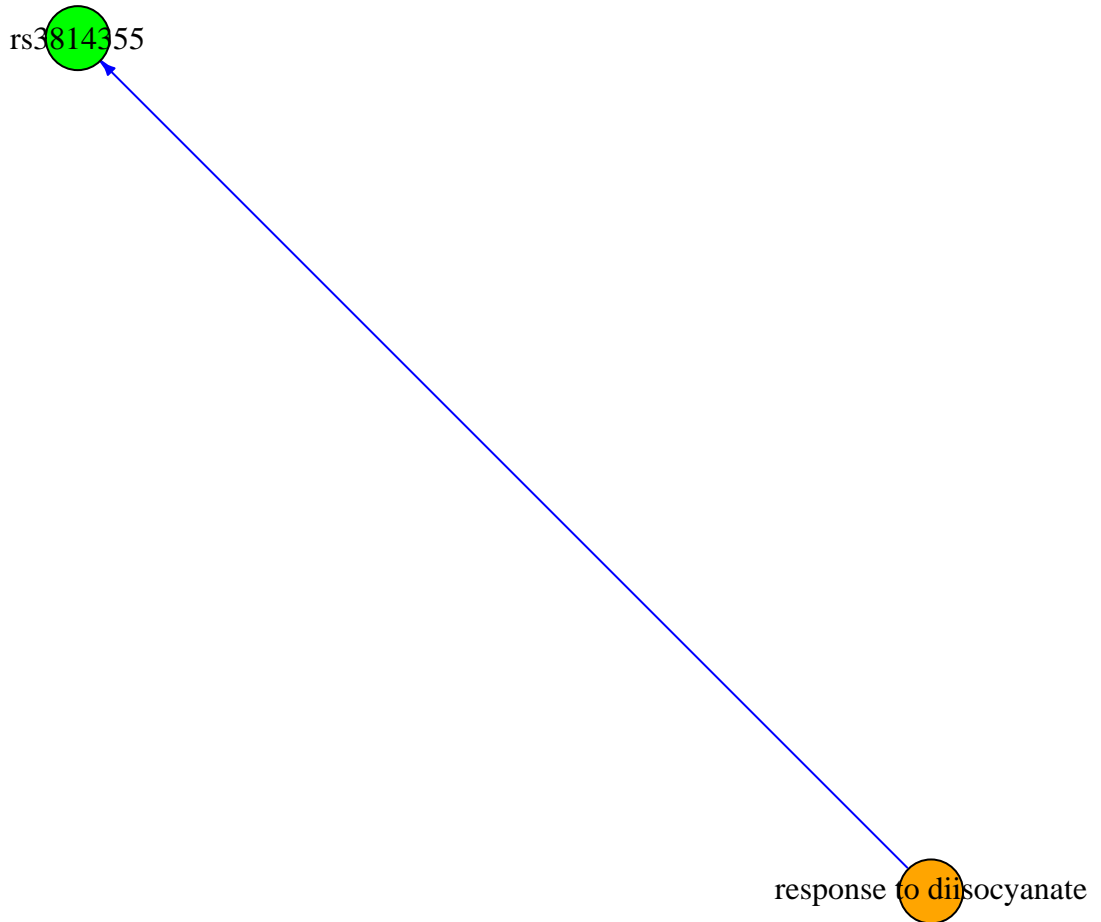
**Variant–Disease Network (serum non–albumin protein measurement)**



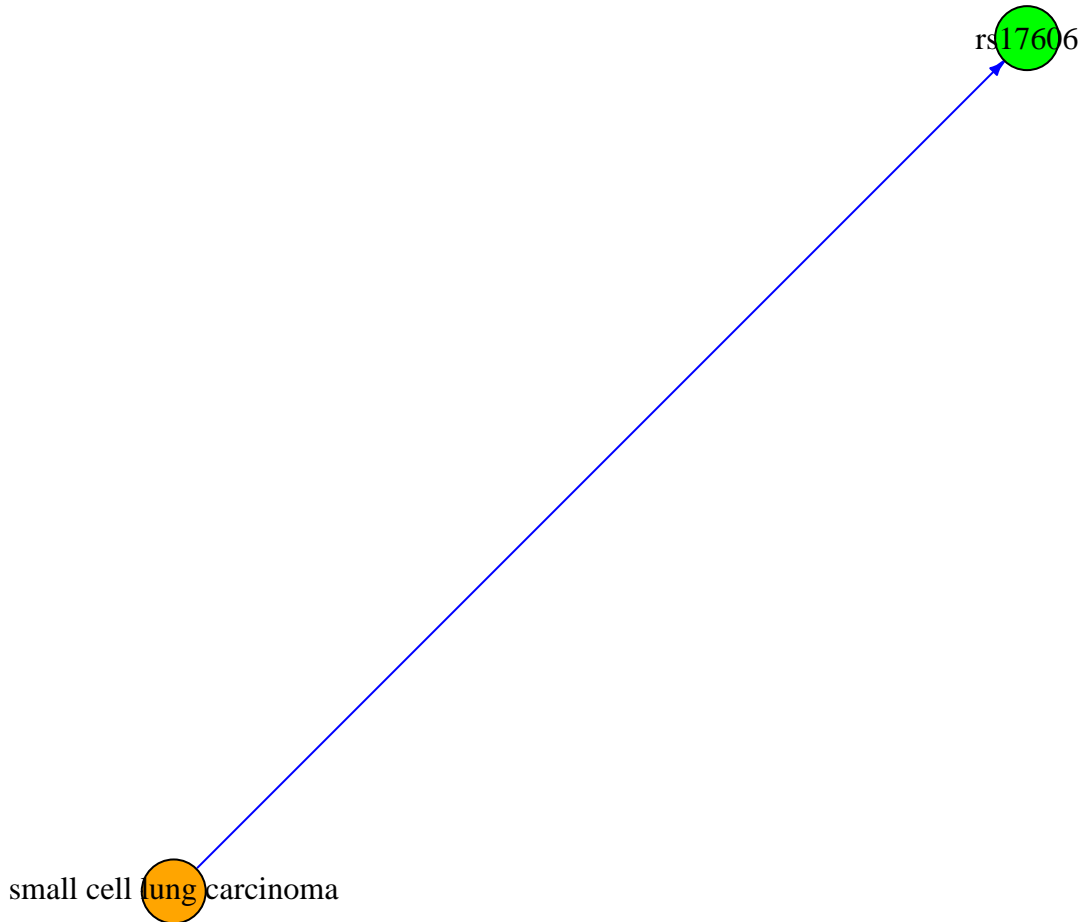
## Variant–Disease Network (asthma)



## Variant–Disease Network (response to diisocyanate)

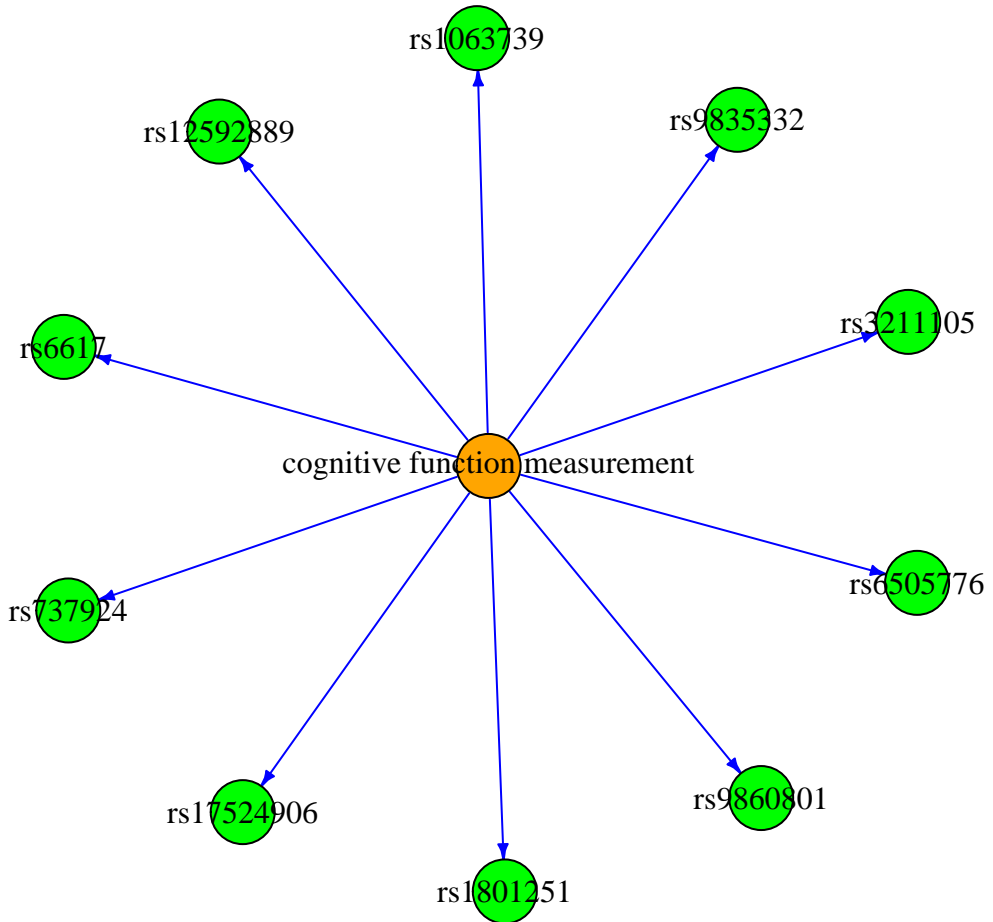


## Variant–Disease Network (small cell lung carcinoma)

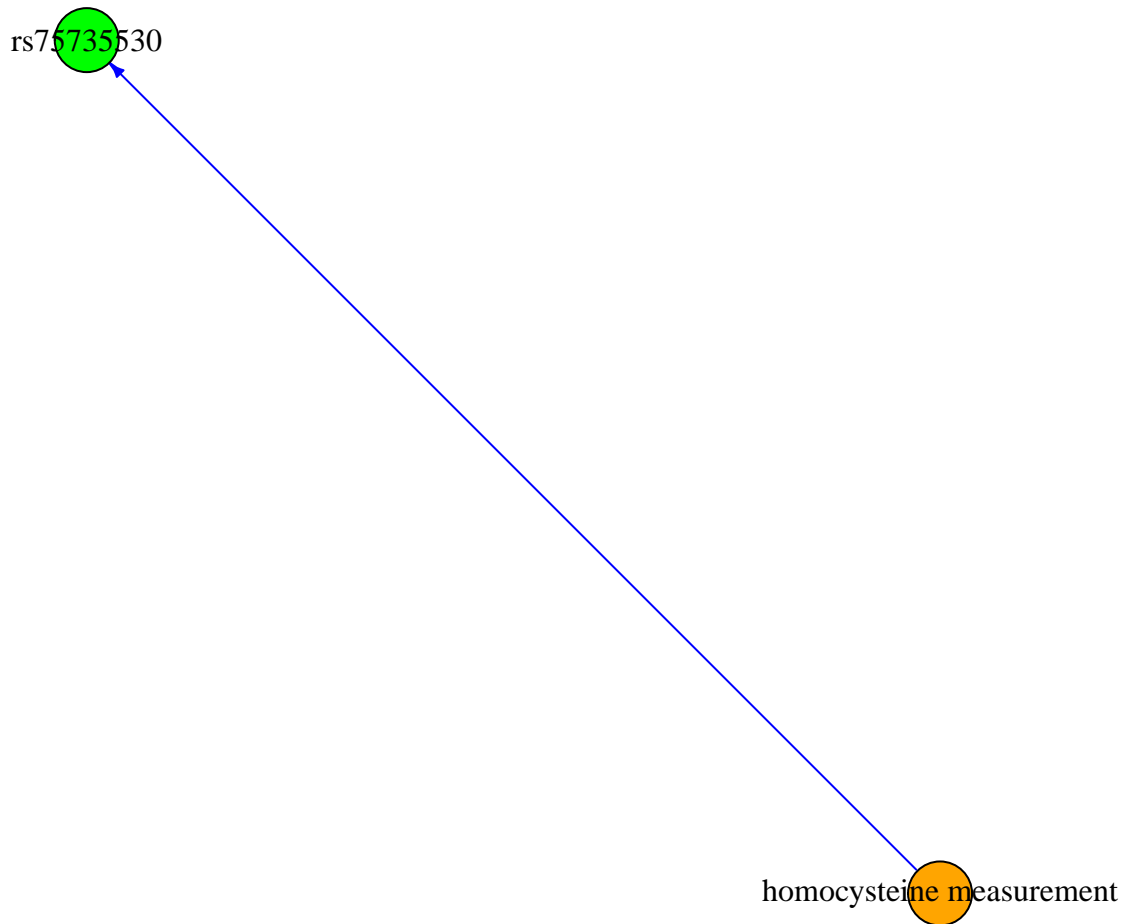




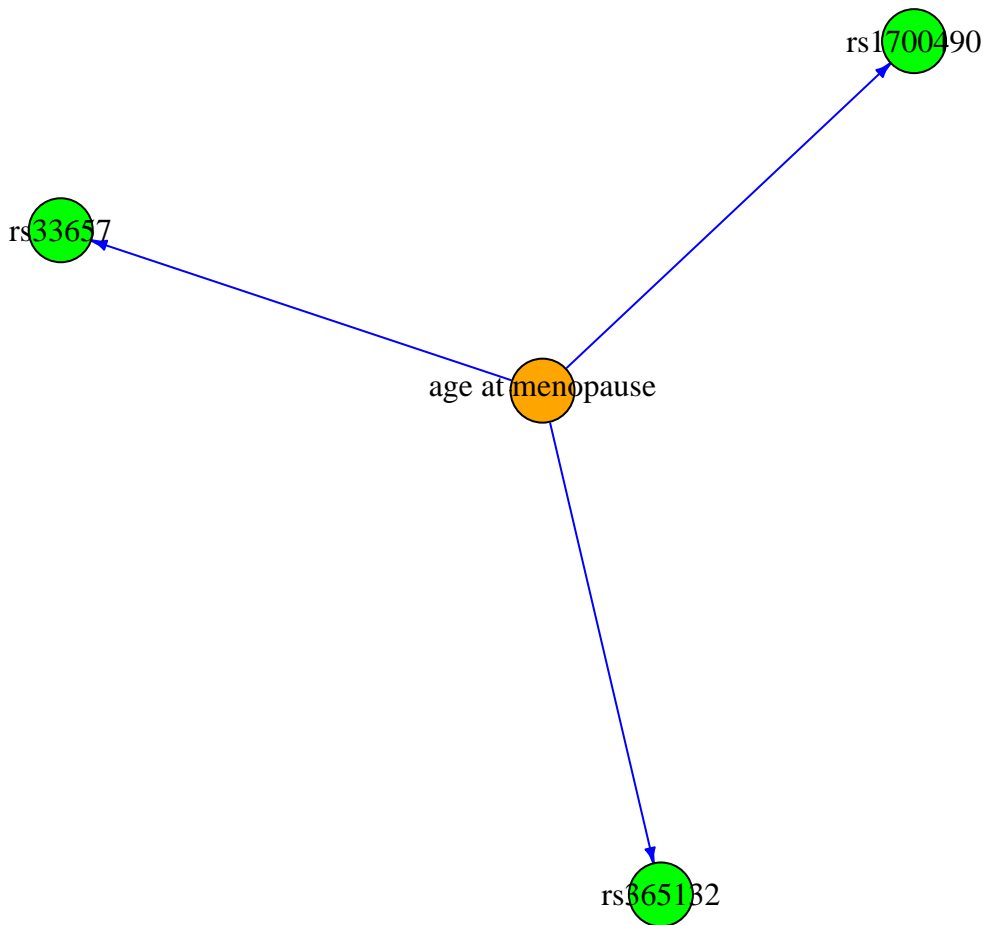
## Variant–Disease Network (cognitive function measurement)



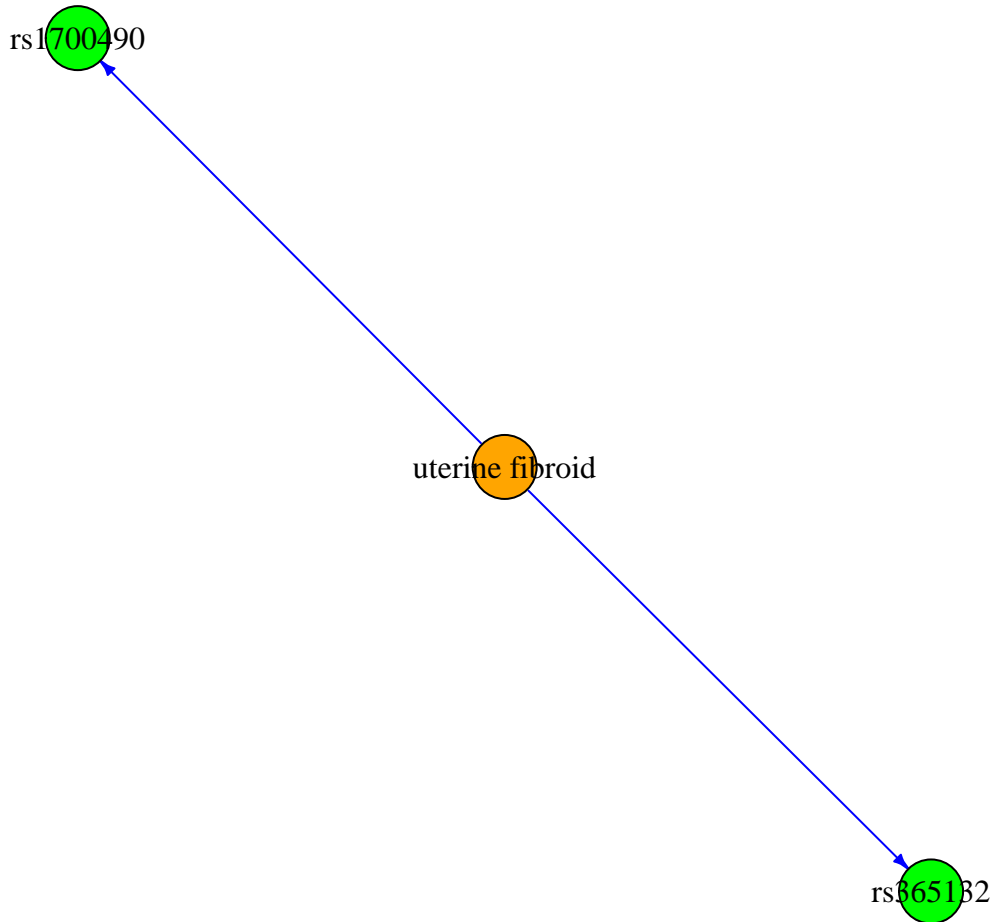
## Variant-Disease Network (homocysteine measurement)



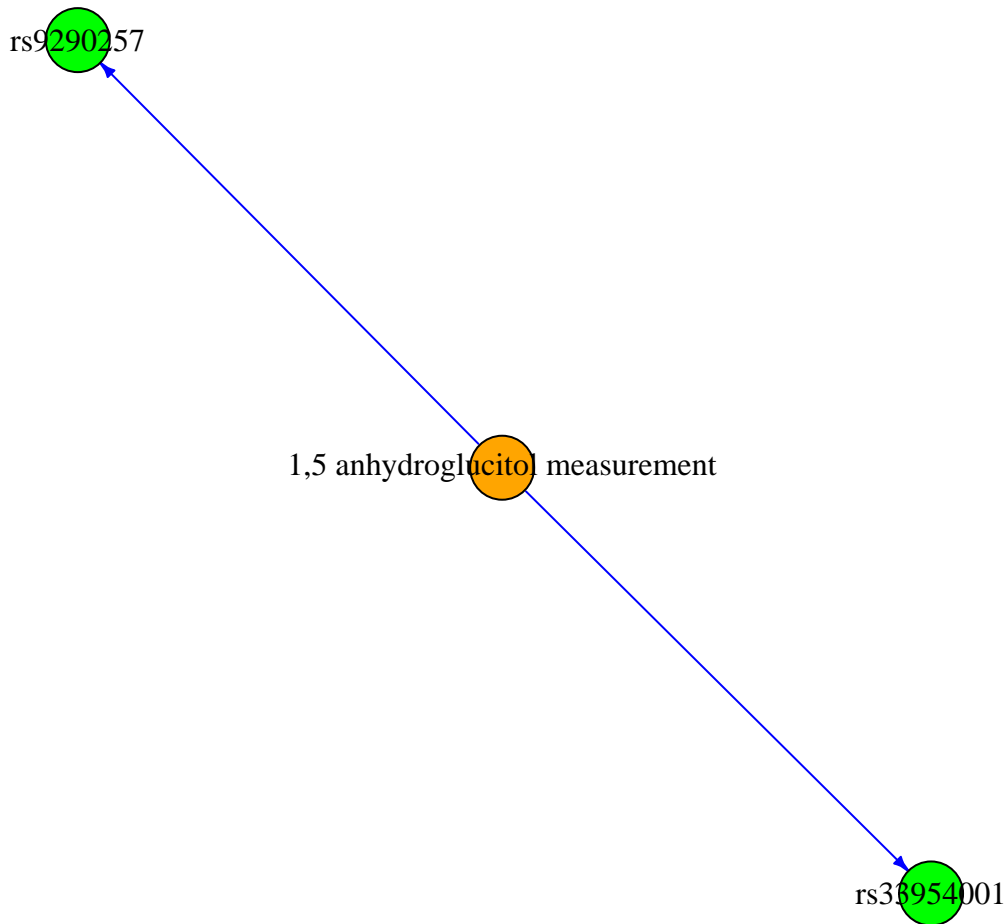
## Variant–Disease Network (age at menopause)



## Variant–Disease Network (uterine fibroid)



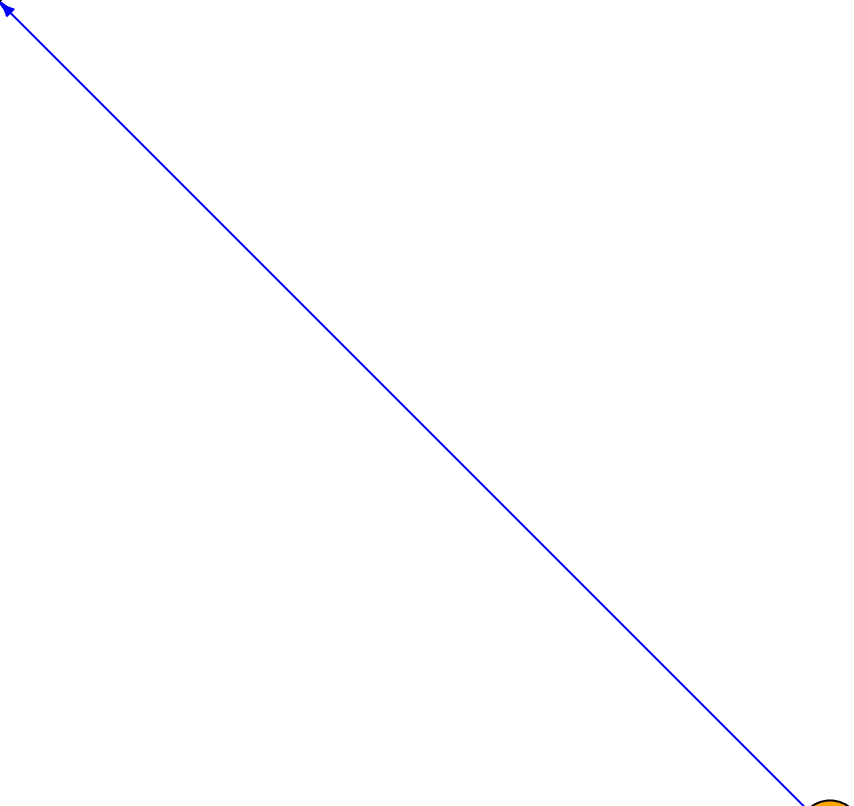
## Variant–Disease Network (1,5 anhydroglucitol measurement)



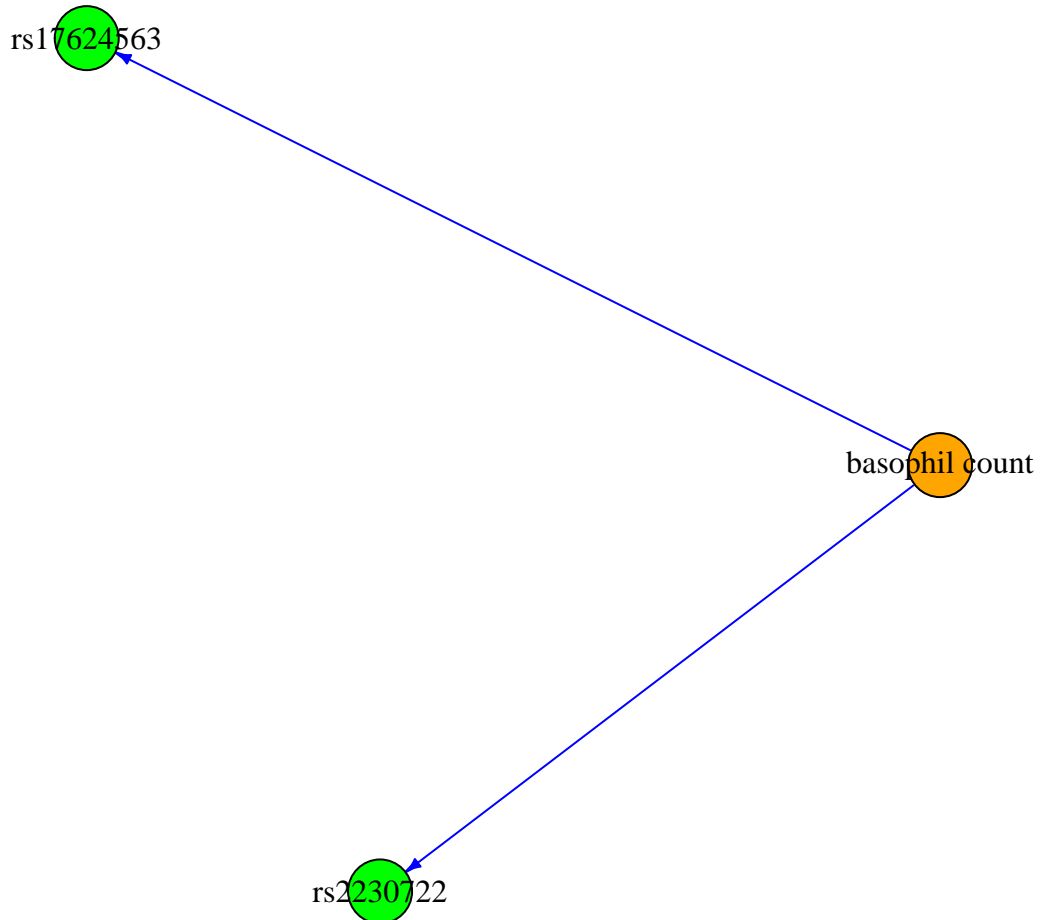
## Variant–Disease Network (cortisol secretion measurement)

rs1048100

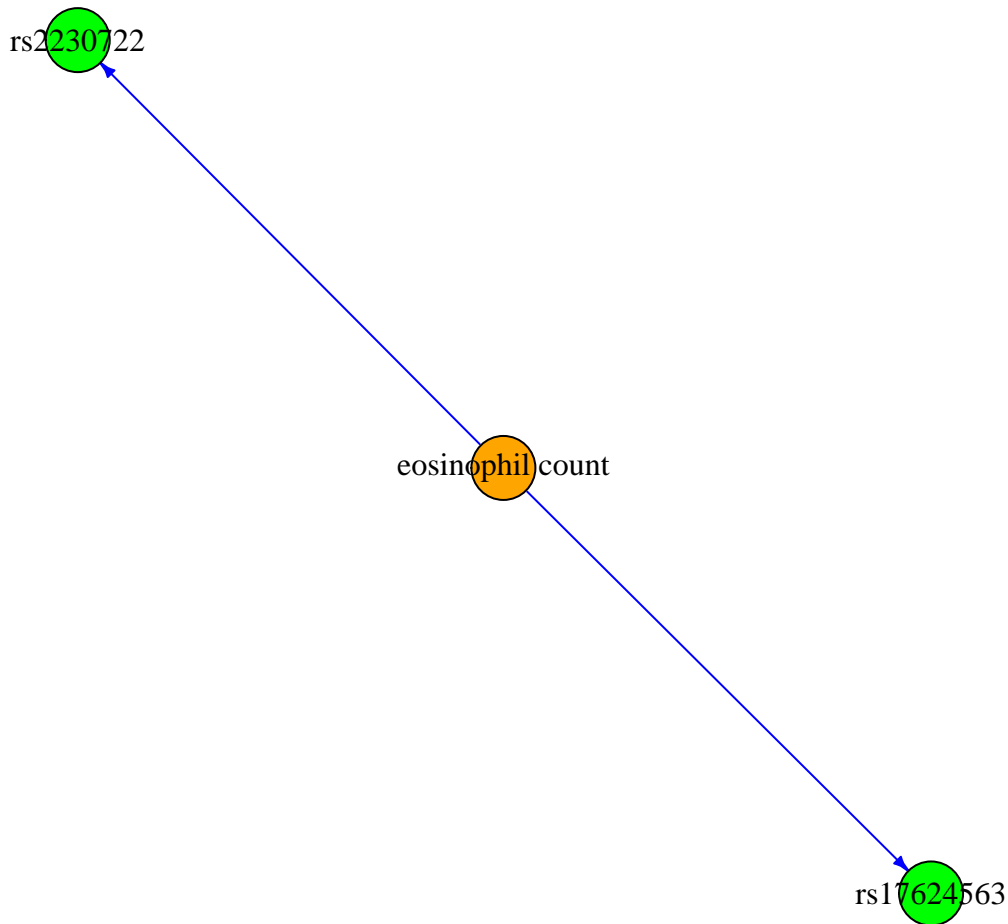
cortisol secretion measurement



## Variant–Disease Network (basophil count)

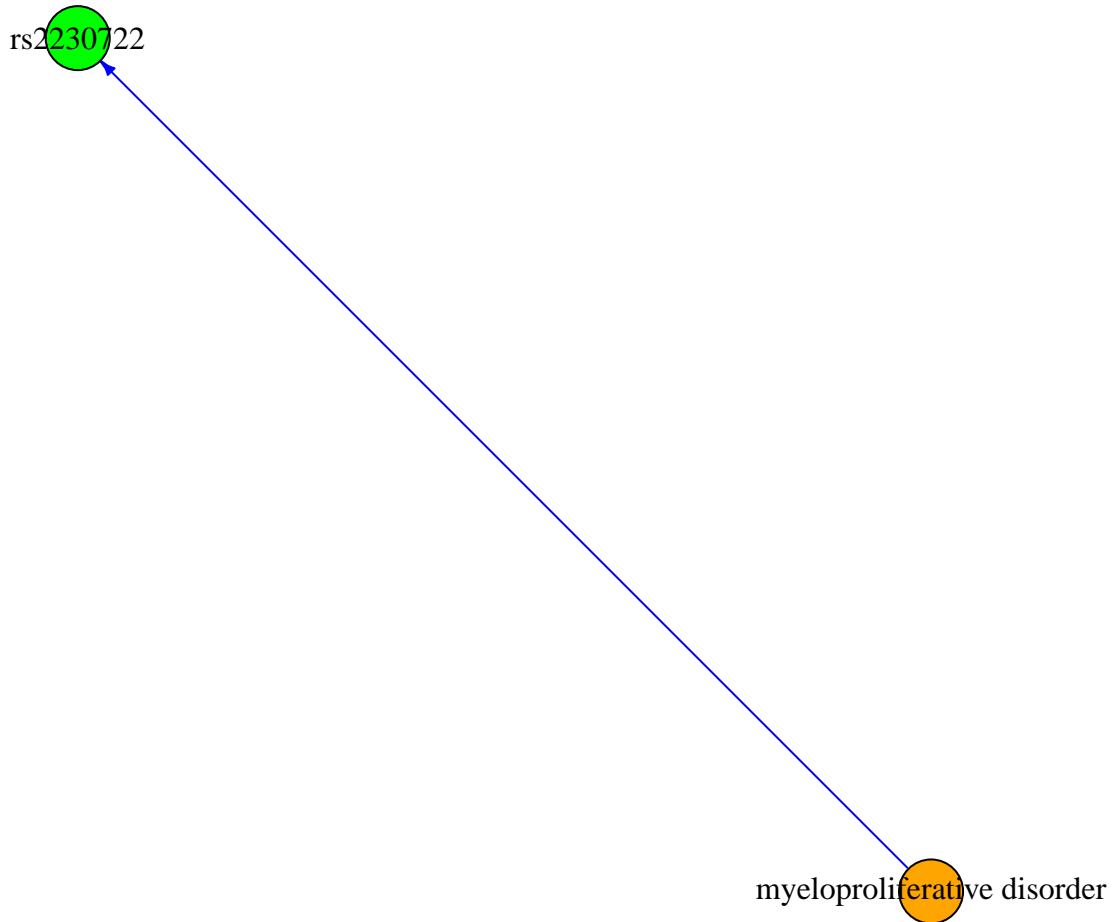


## Variant–Disease Network (eosinophil count)



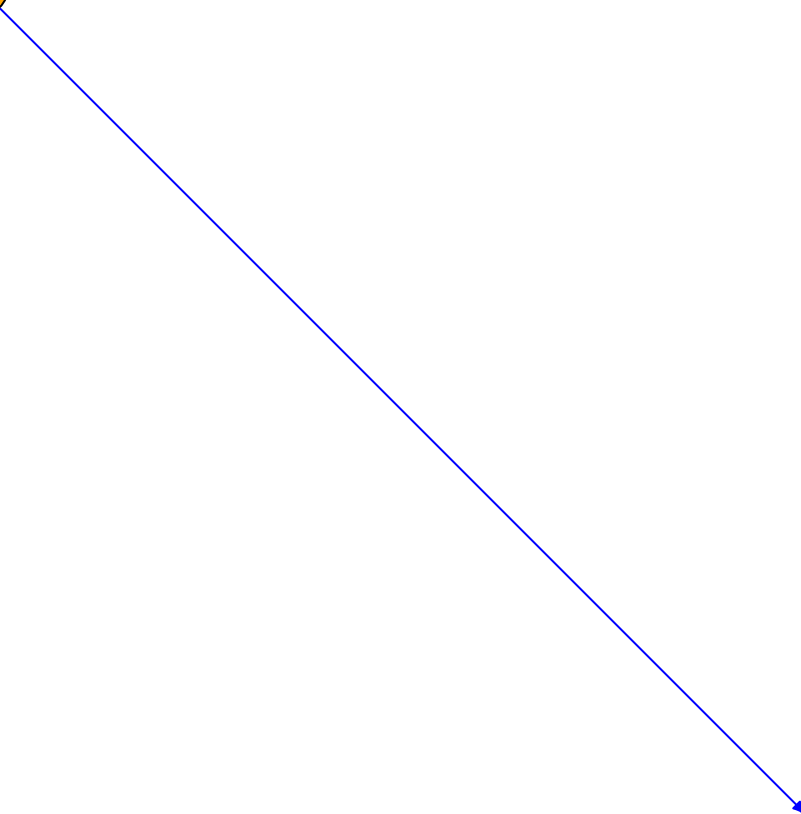


## Variant–Disease Network (myeloproliferative disorder)



# Variant–Disease Network (brain serotonin transporter measurement)

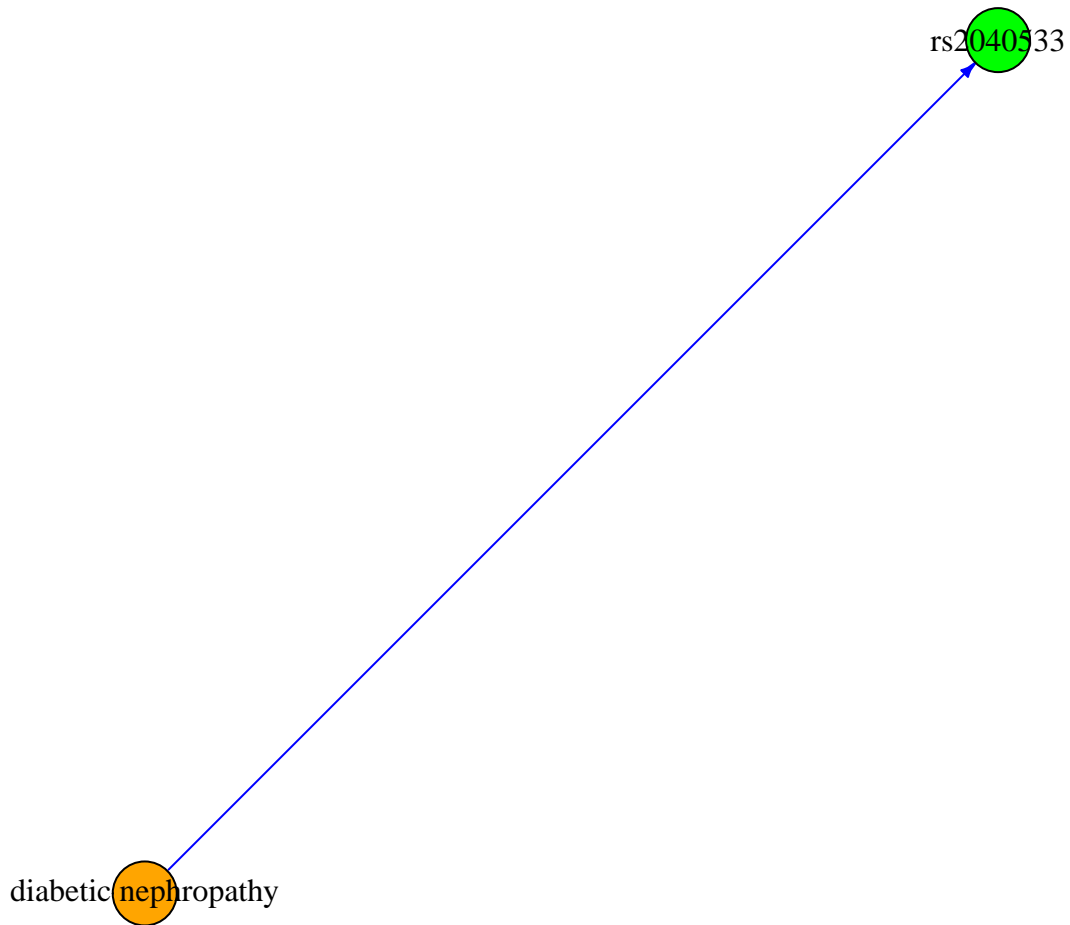
brain serotonin transporter measurement



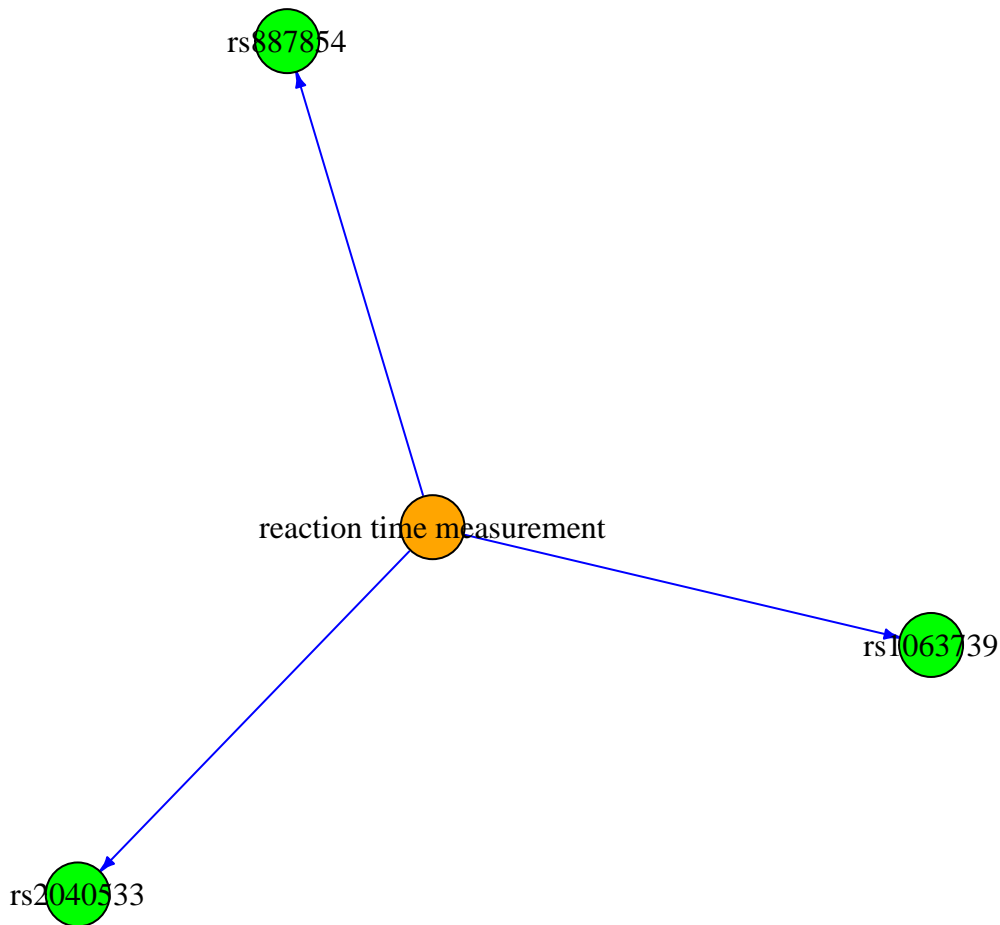
rs2040533



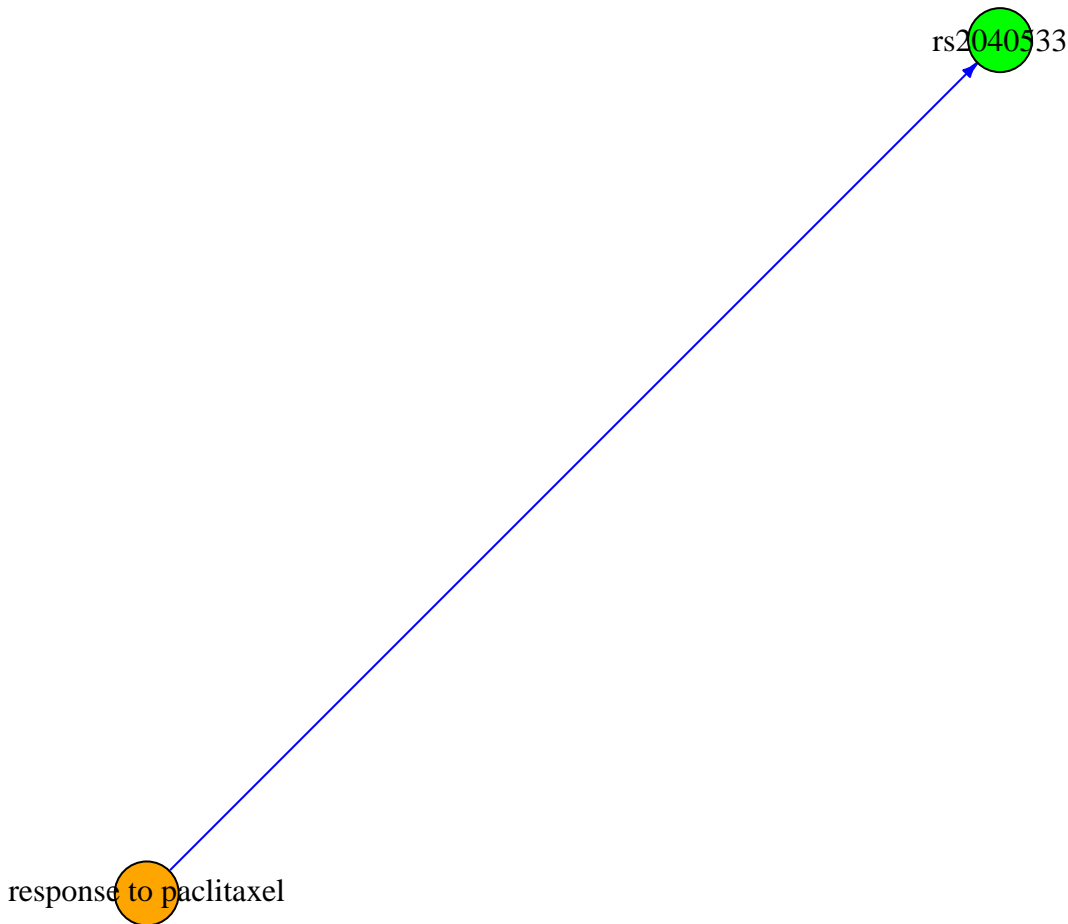
## Variant–Disease Network (diabetic nephropathy)



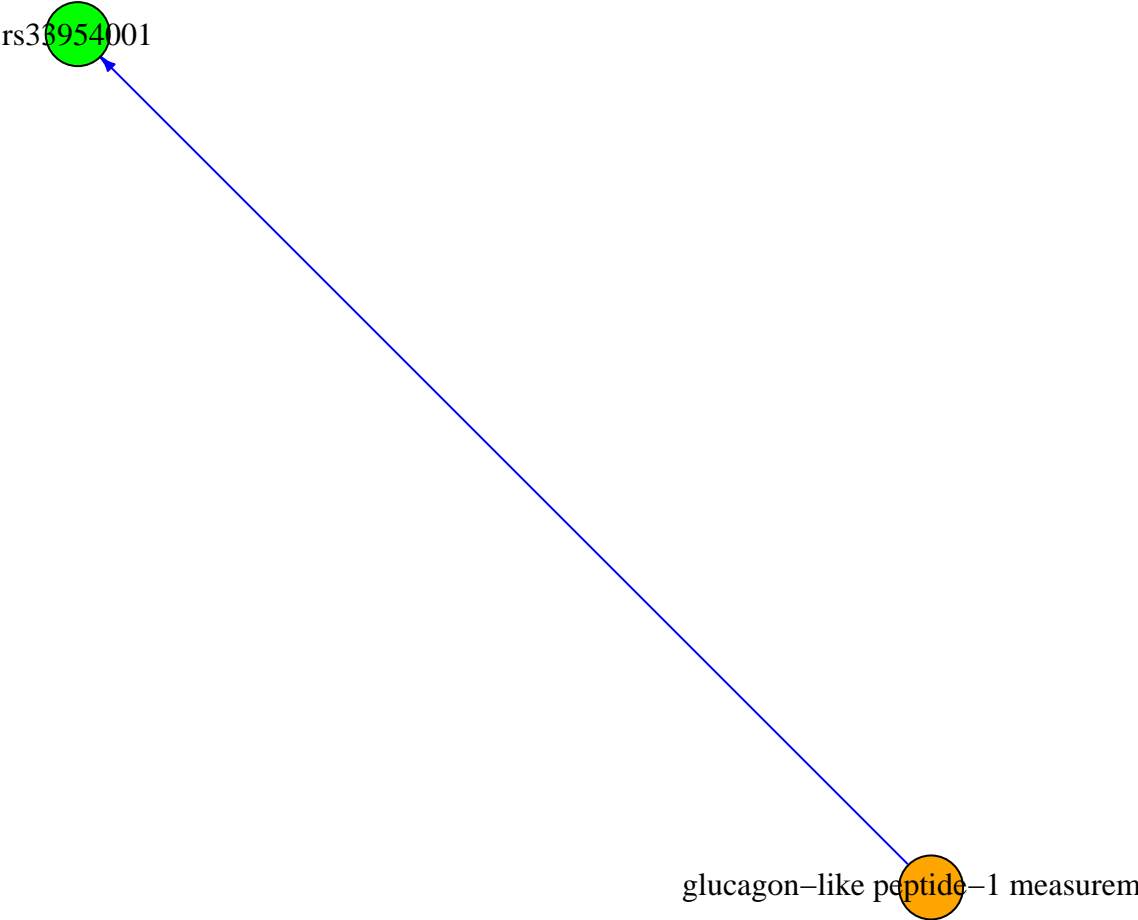
## Variant–Disease Network (reaction time measurement)



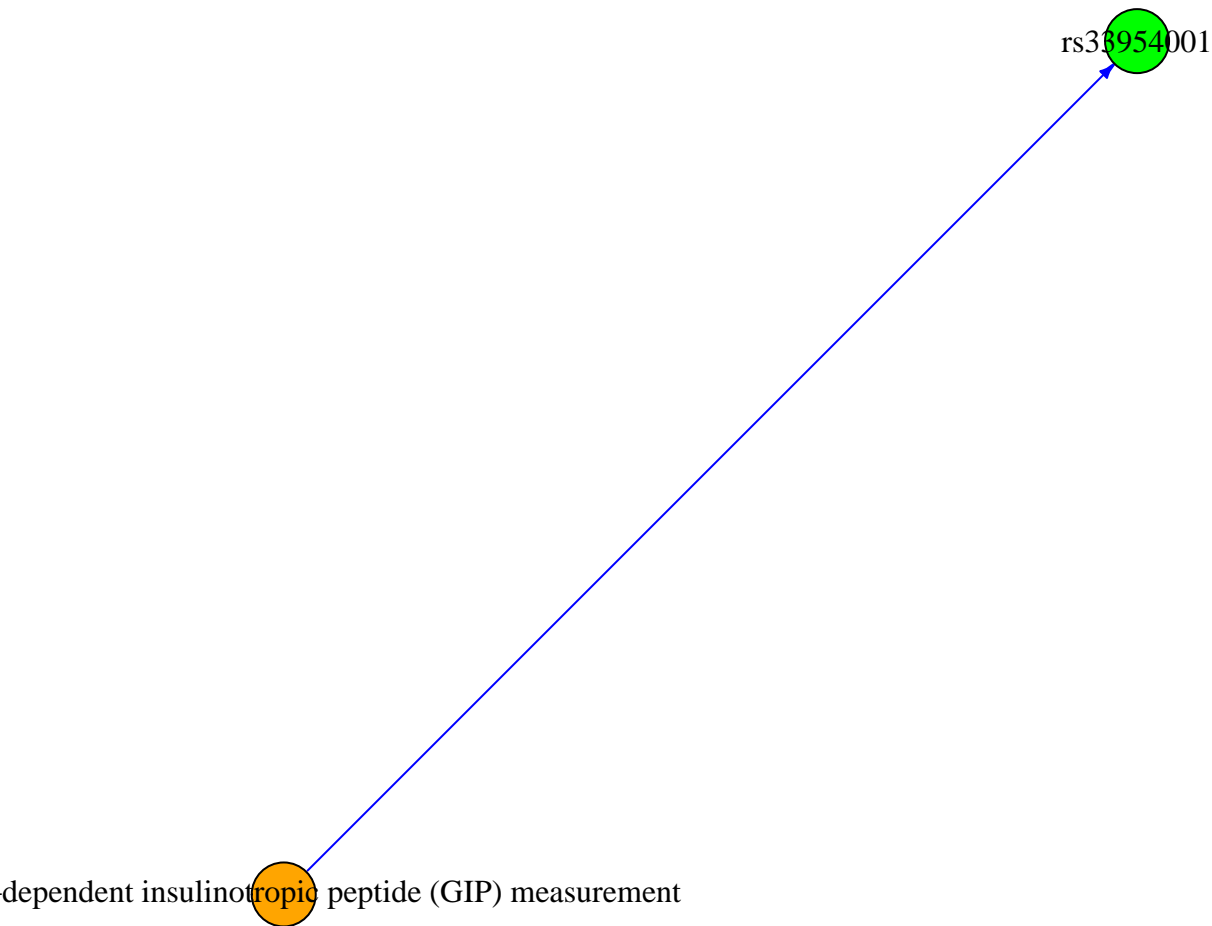
## Variant–Disease Network (response to paclitaxel)



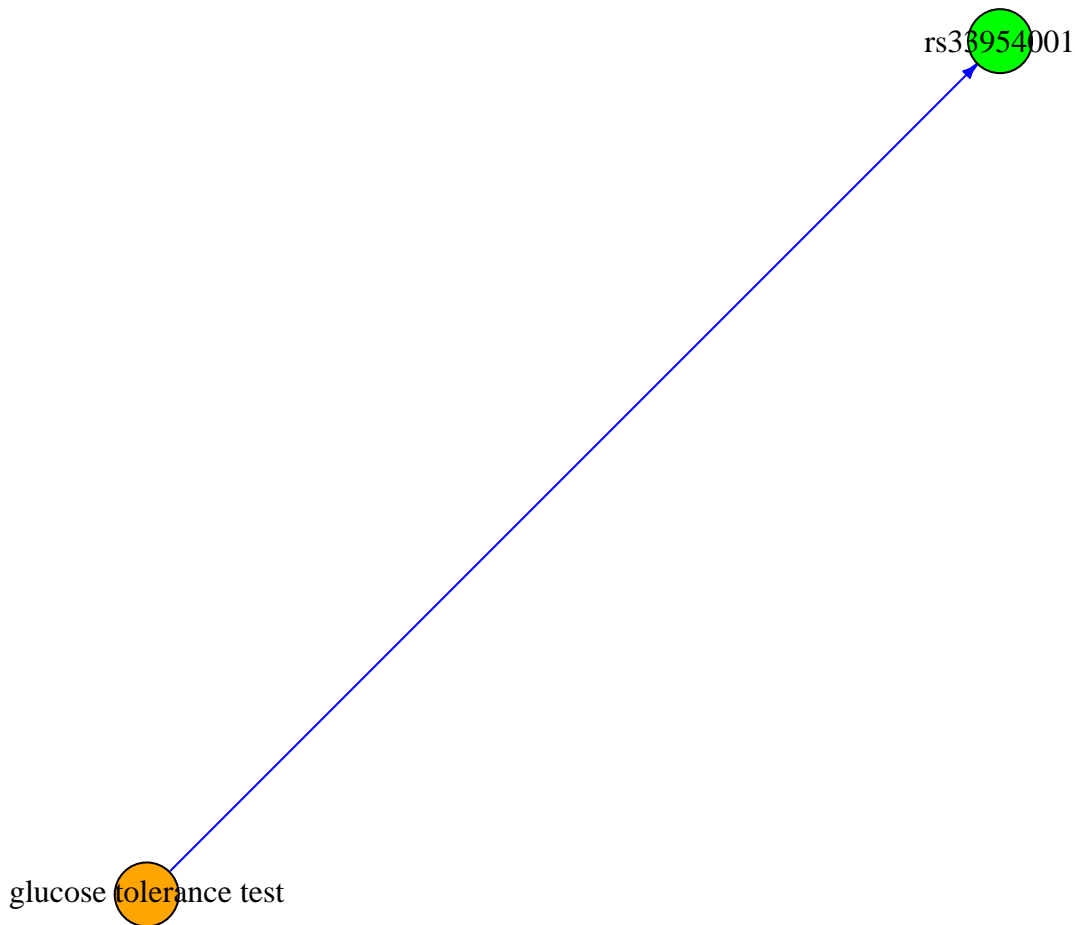
**Variant–Disease Network (glucagon–like peptide–1 measurement)**



# ant-Disease Network (glucose-dependent insulintropic peptide (GIP) meas

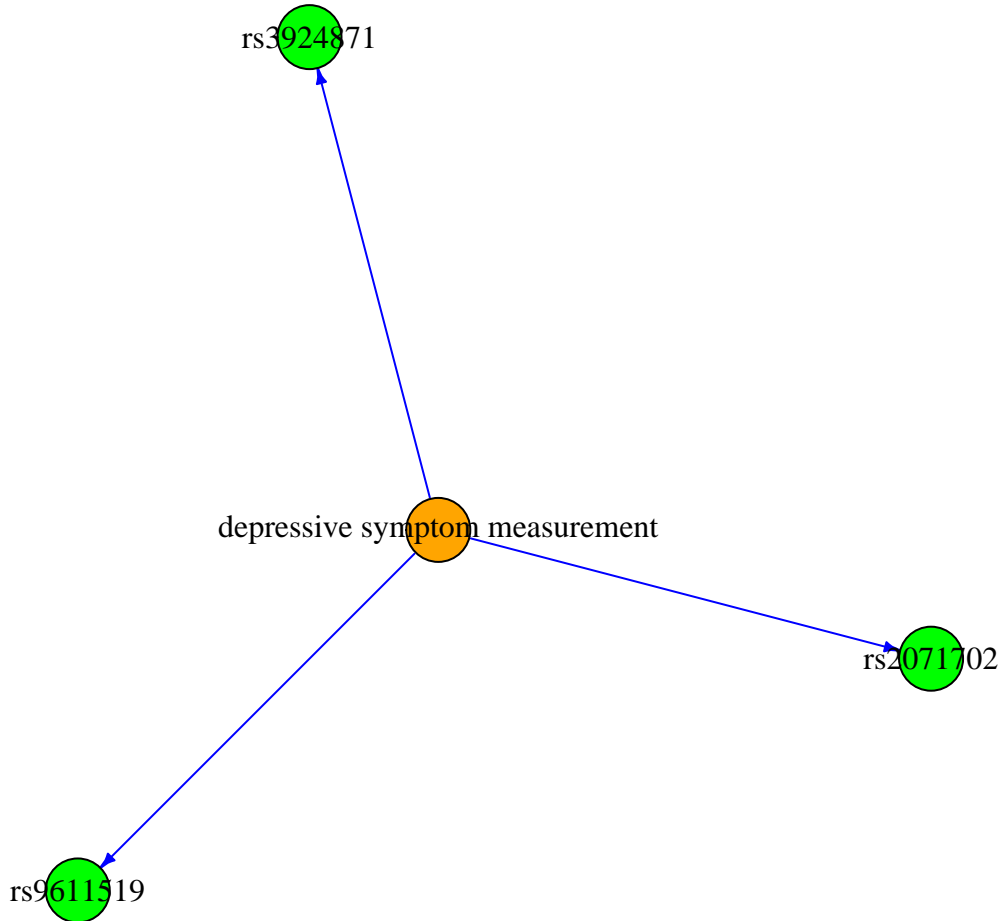


## Variant–Disease Network (glucose tolerance test)

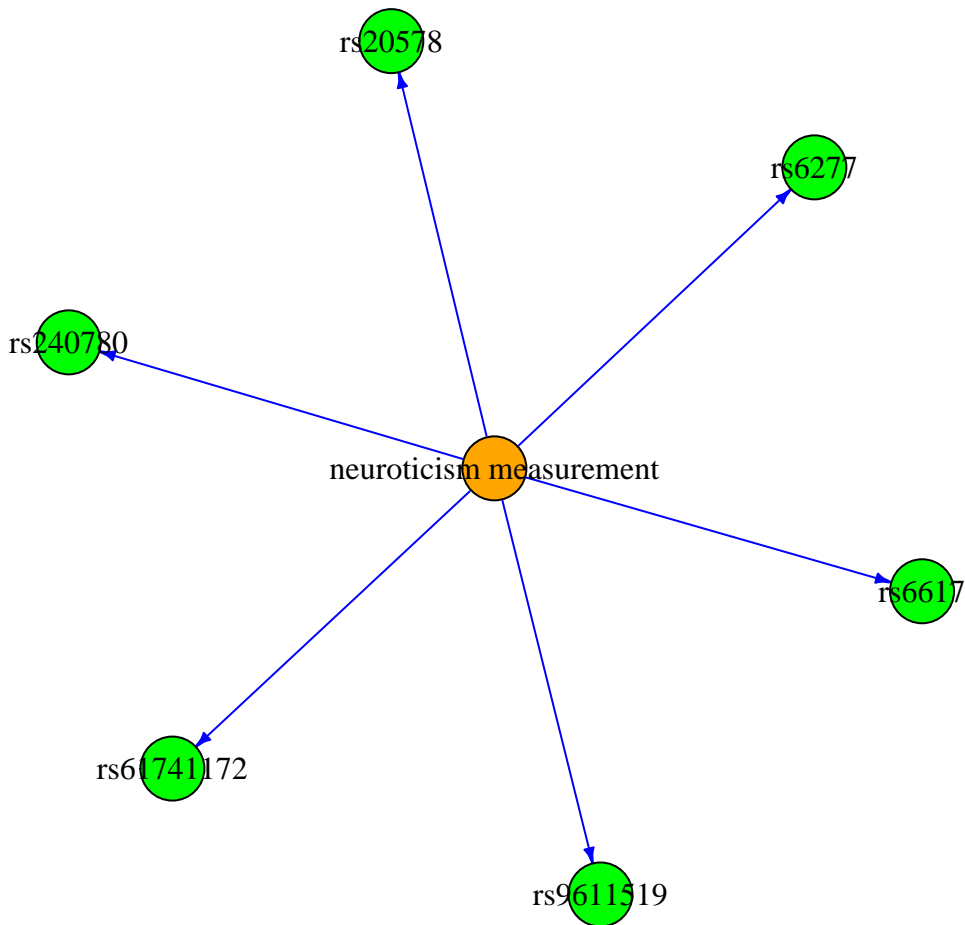




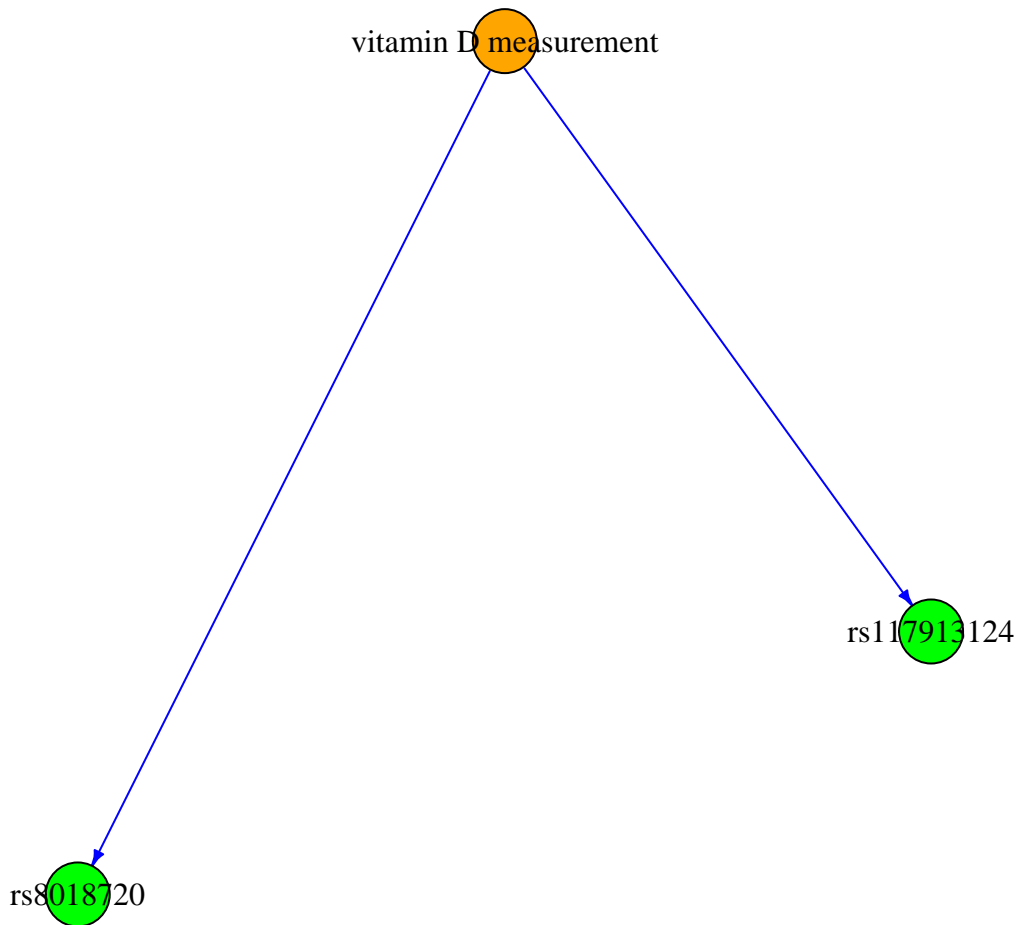
# Variant–Disease Network (depressive symptom measurement)



## Variant–Disease Network (neuroticism measurement)



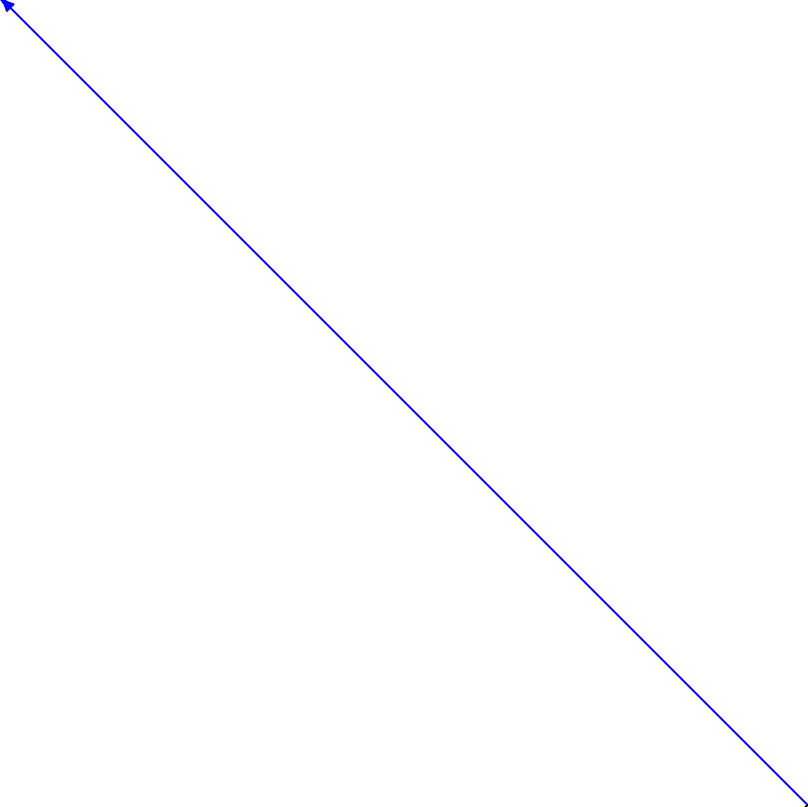
## Variant–Disease Network (vitamin D measurement)



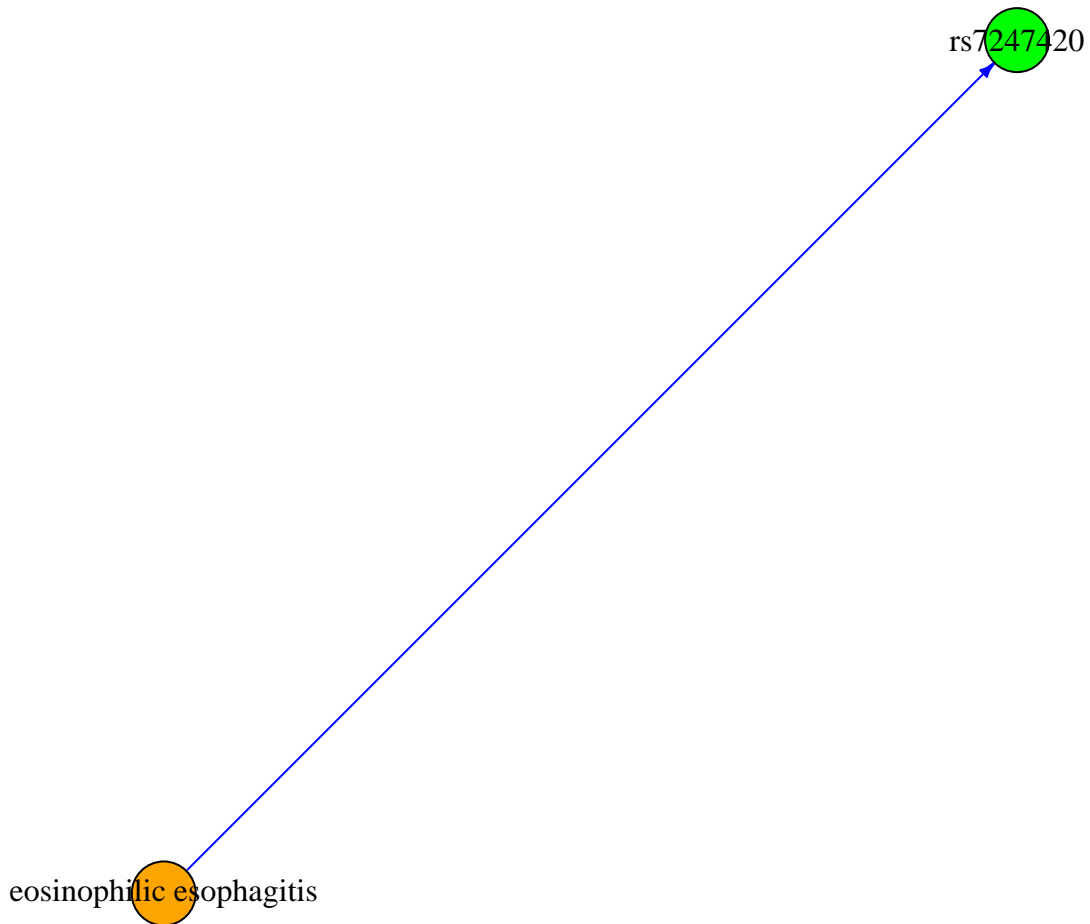
## Variant–Disease Network (disease progression measurement)

rs2118017

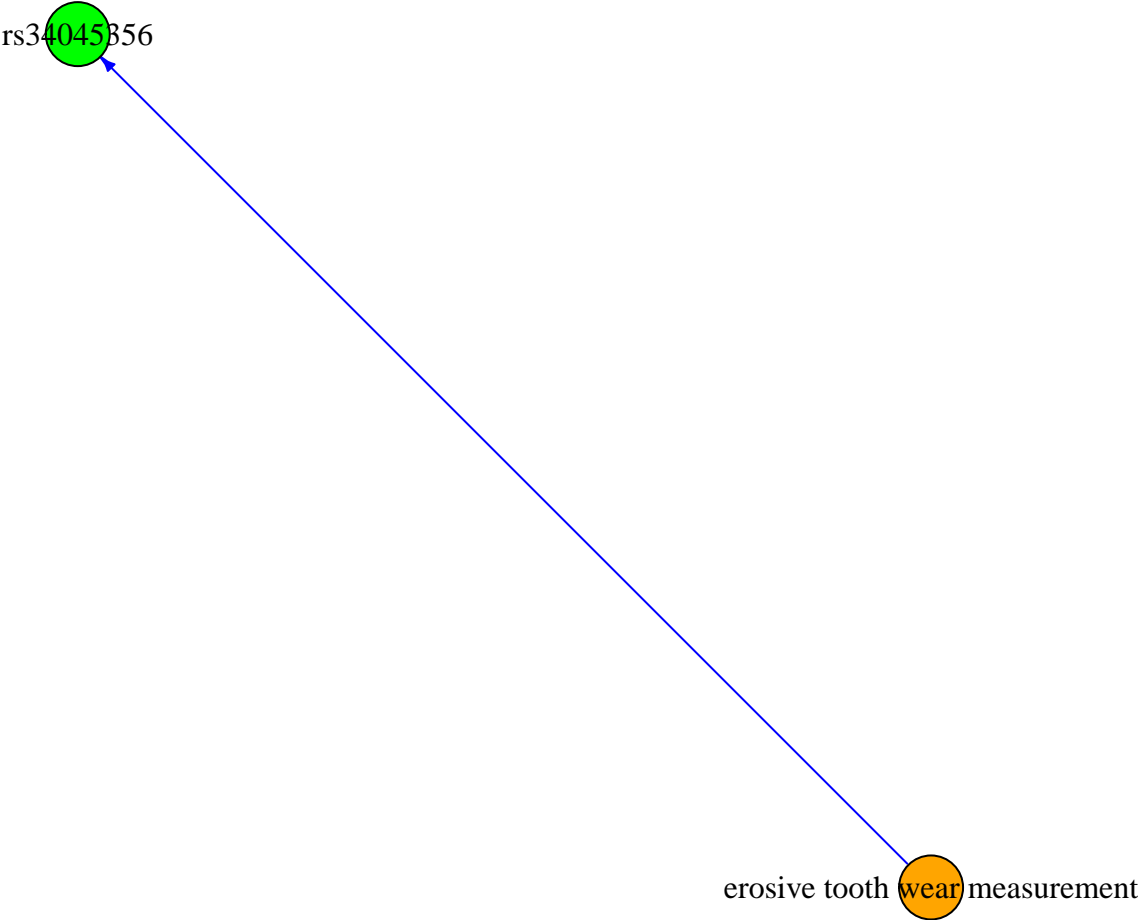
disease progression measurement



## Variant–Disease Network (eosinophilic esophagitis)



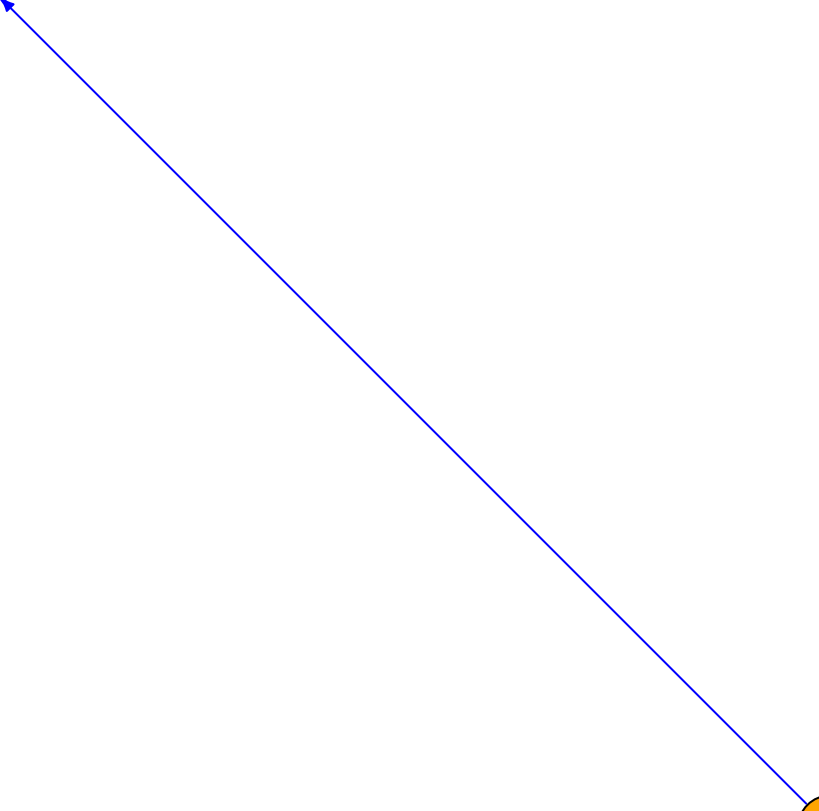
**Variant–Disease Network (erosive tooth wear measurement)**



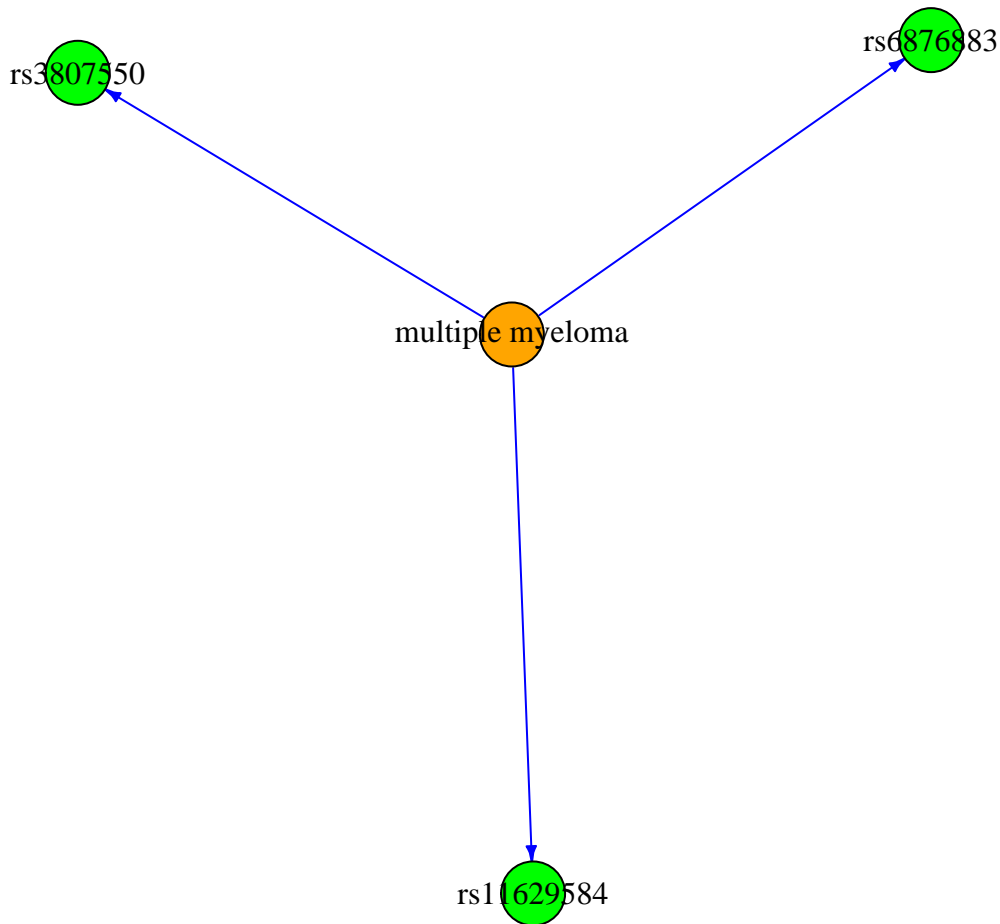
## Variant–Disease Network (clostridium difficile infection)

rs3807550

clostridium difficile infection

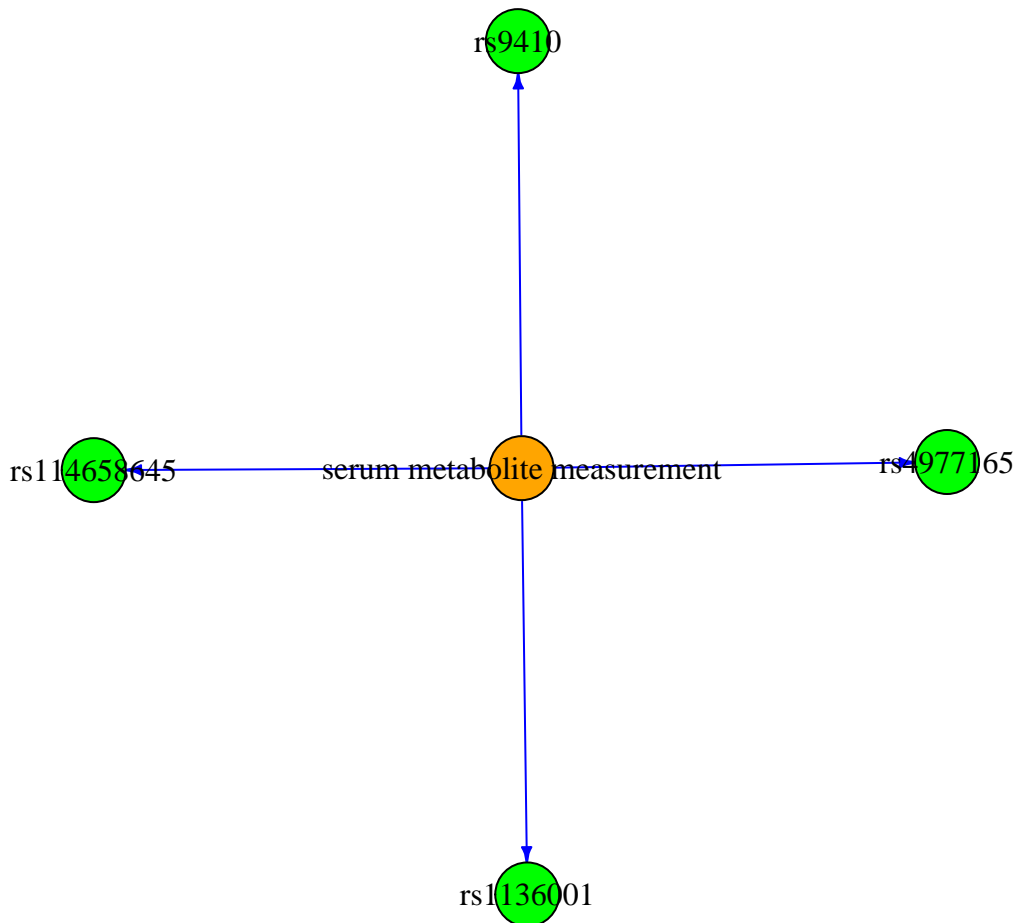


## Variant–Disease Network (multiple myeloma)

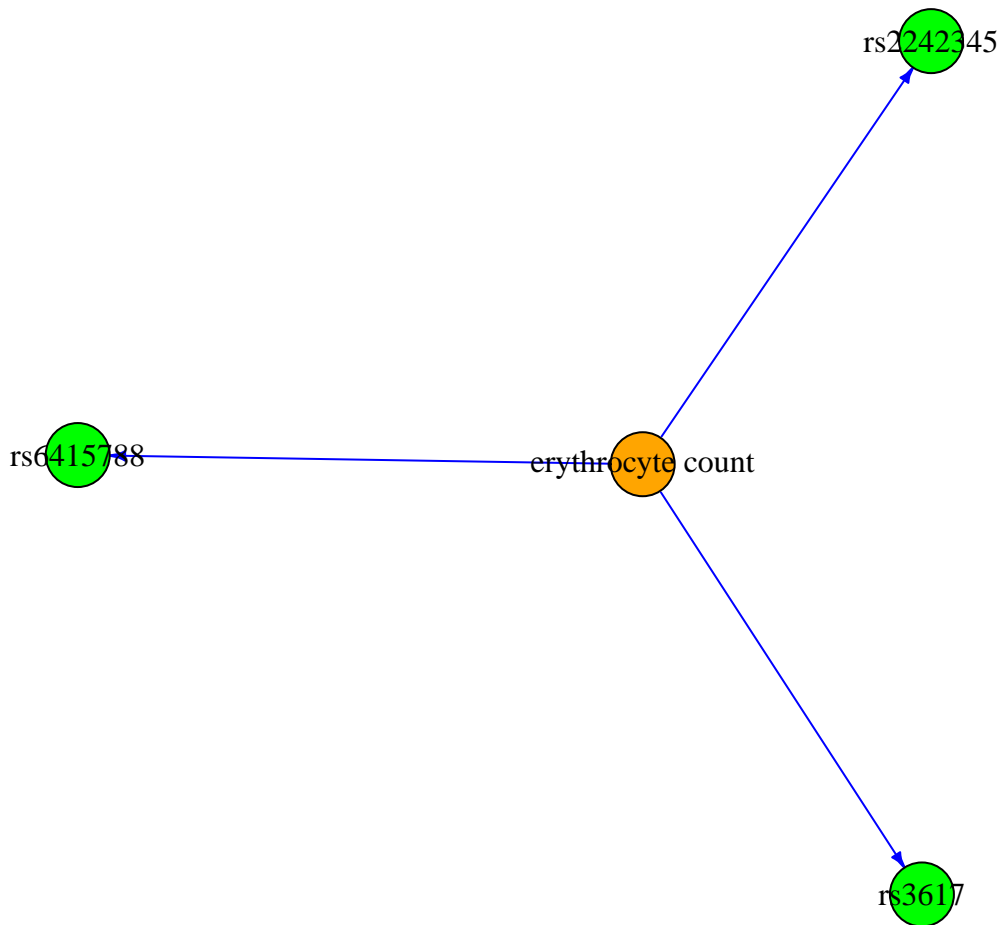




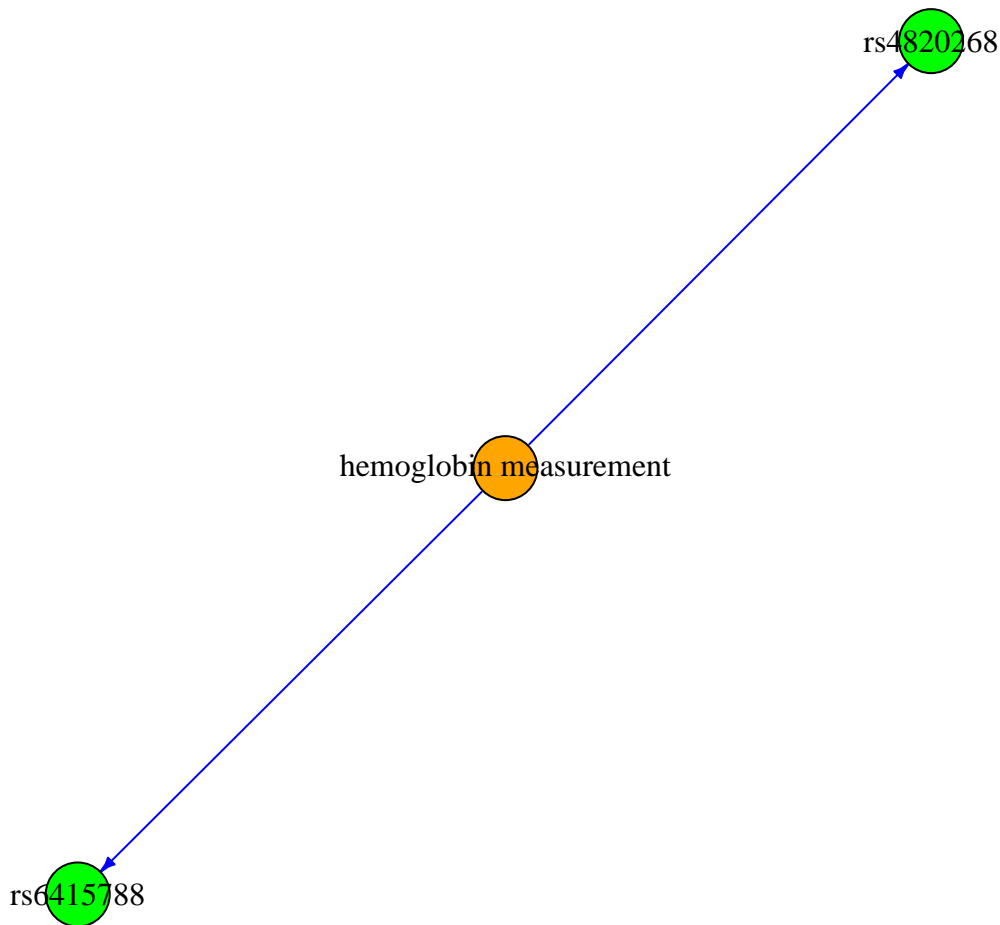
## Variant–Disease Network (serum metabolite measurement)



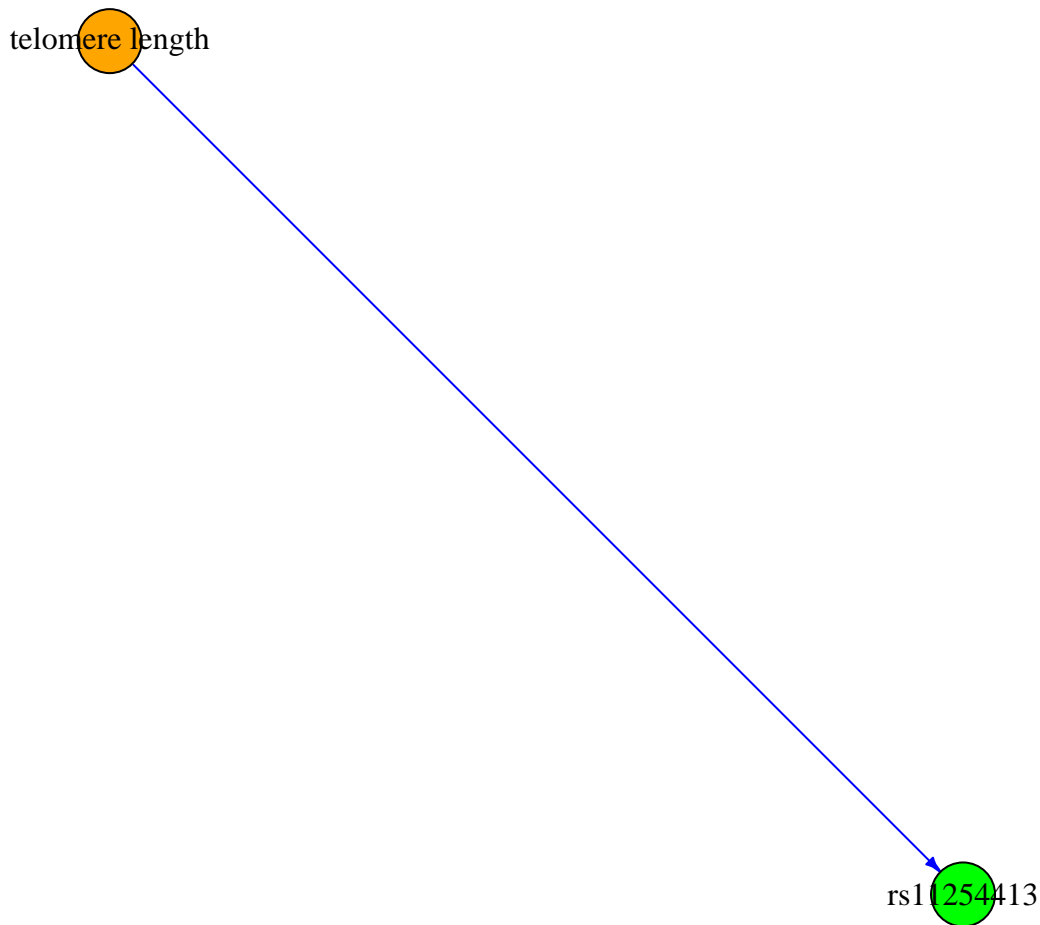
## Variant–Disease Network (erythrocyte count)



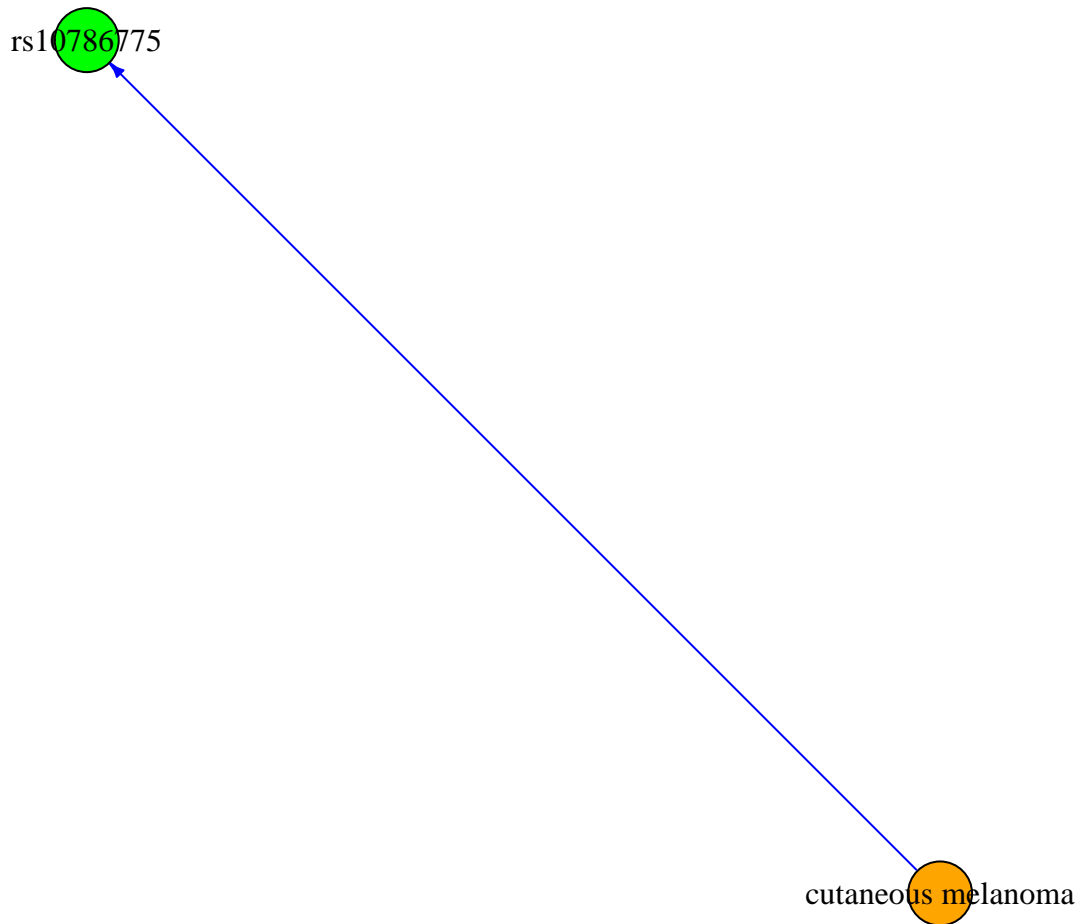
## Variant–Disease Network (hemoglobin measurement)



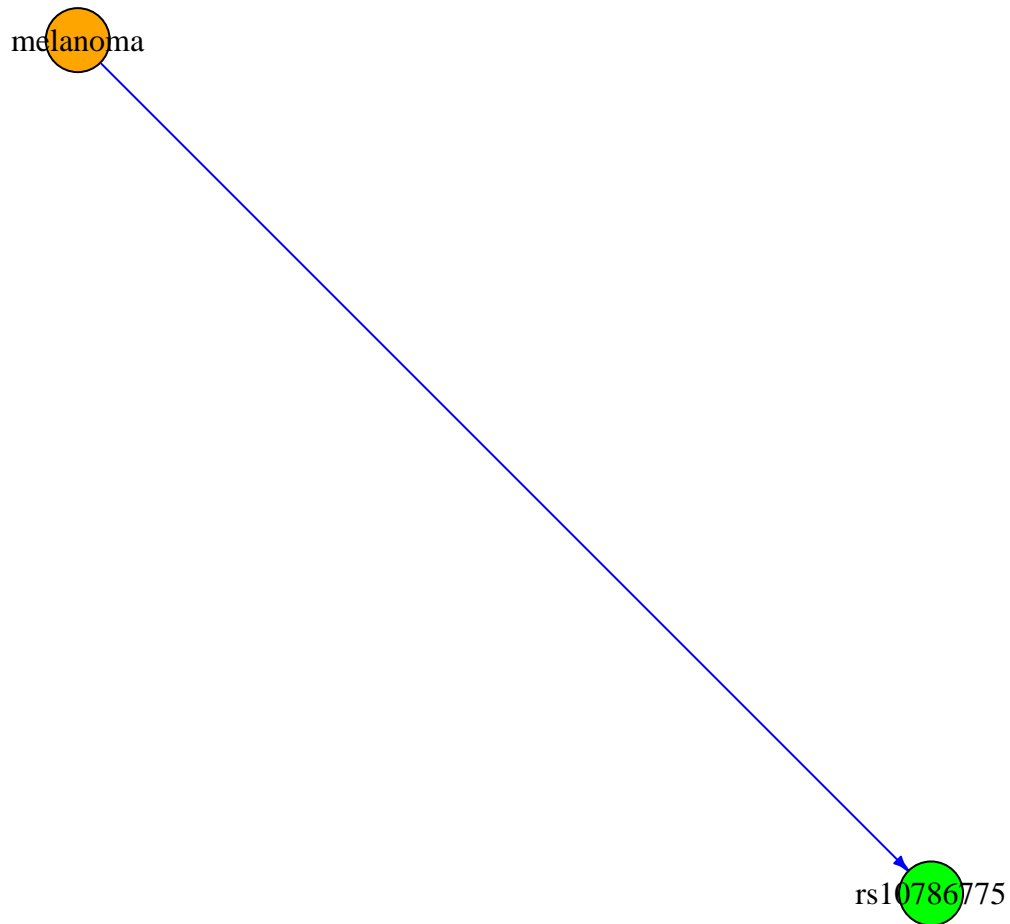
## Variant–Disease Network (telomere length)



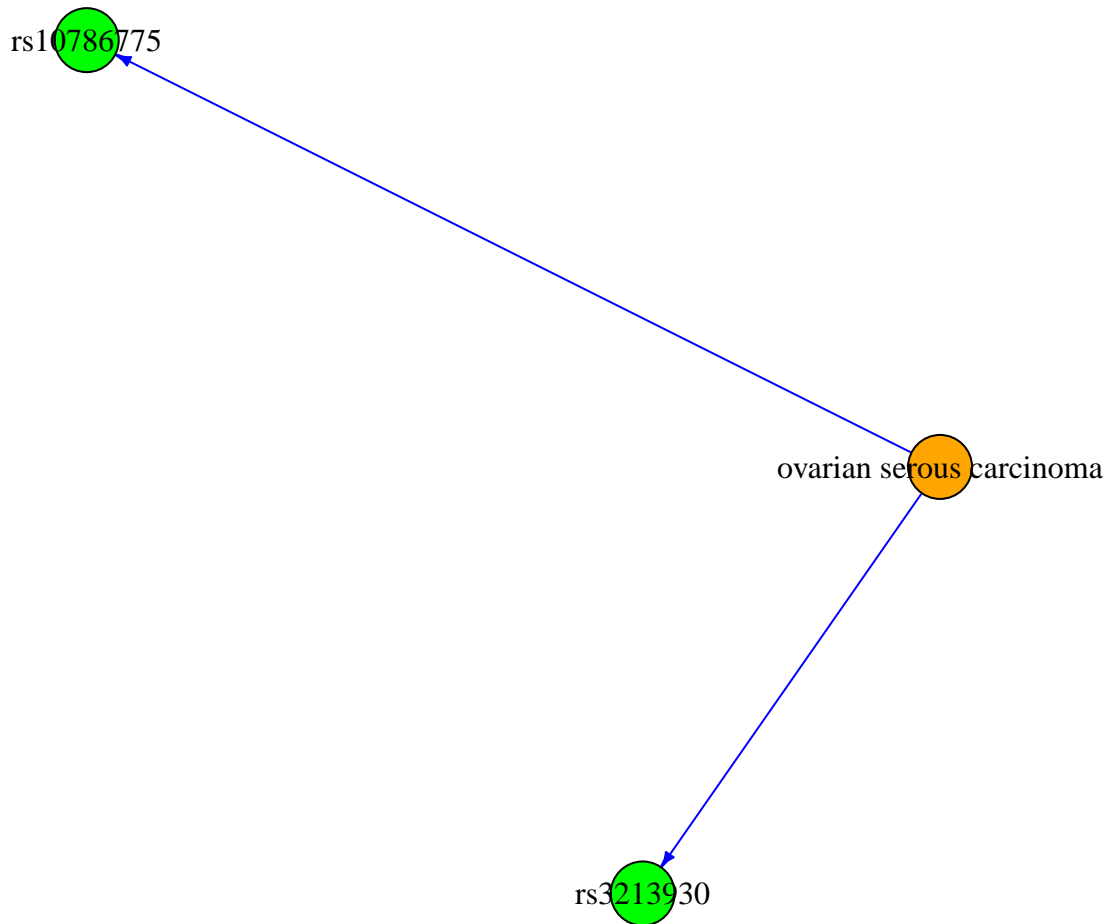
## Variant–Disease Network (cutaneous melanoma)



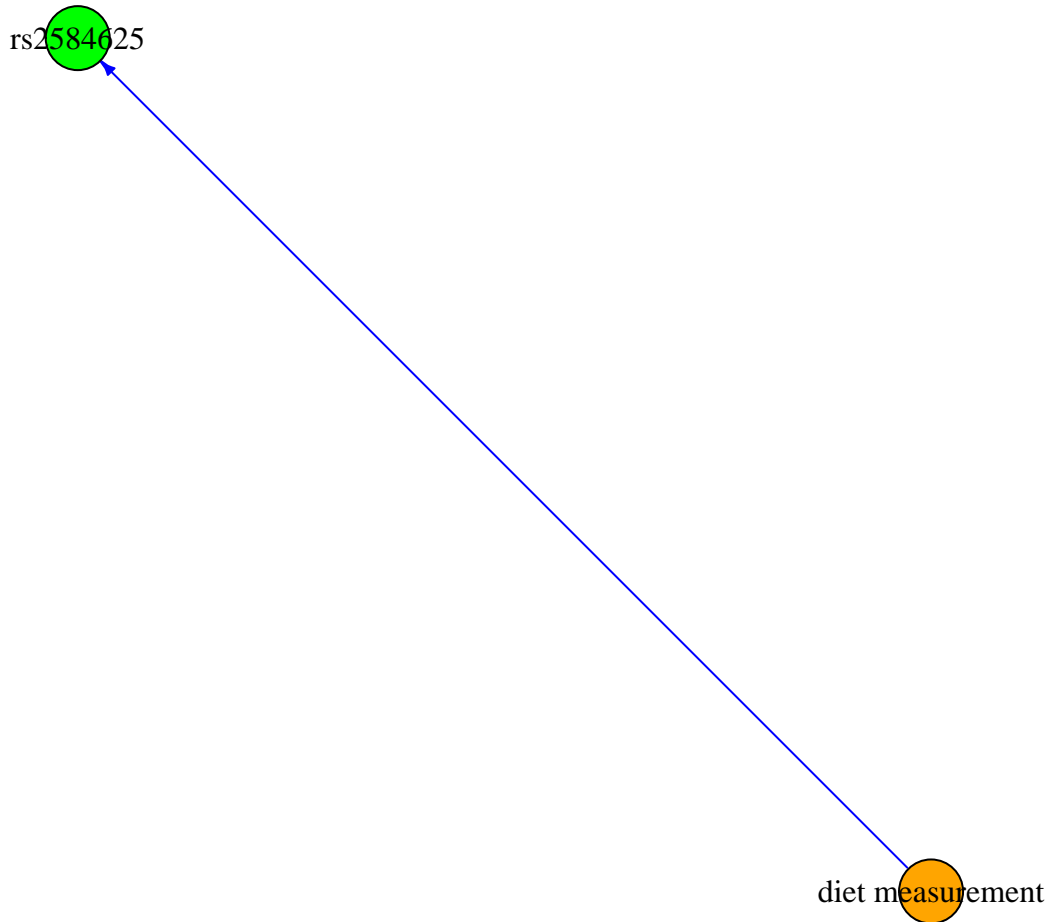
## Variant-Disease Network (melanoma)



## Variant–Disease Network (ovarian serous carcinoma)

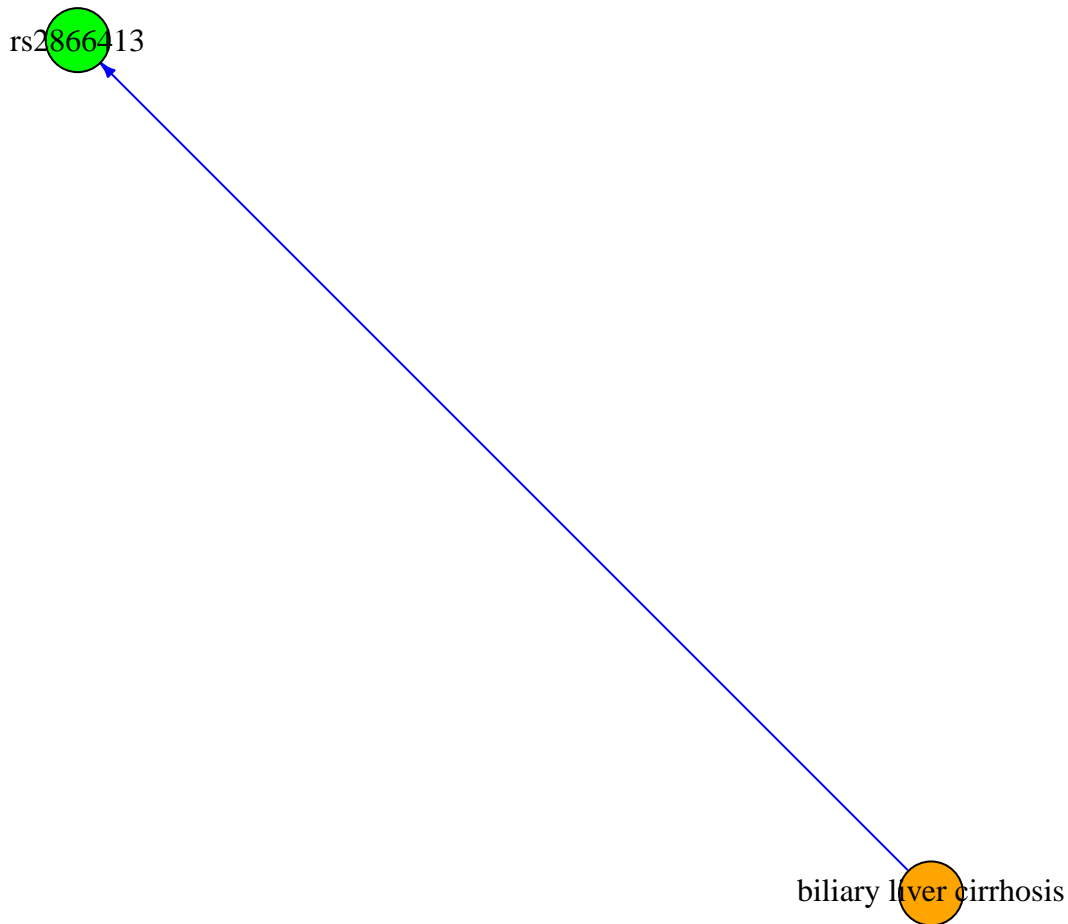


## Variant–Disease Network (diet measurement)

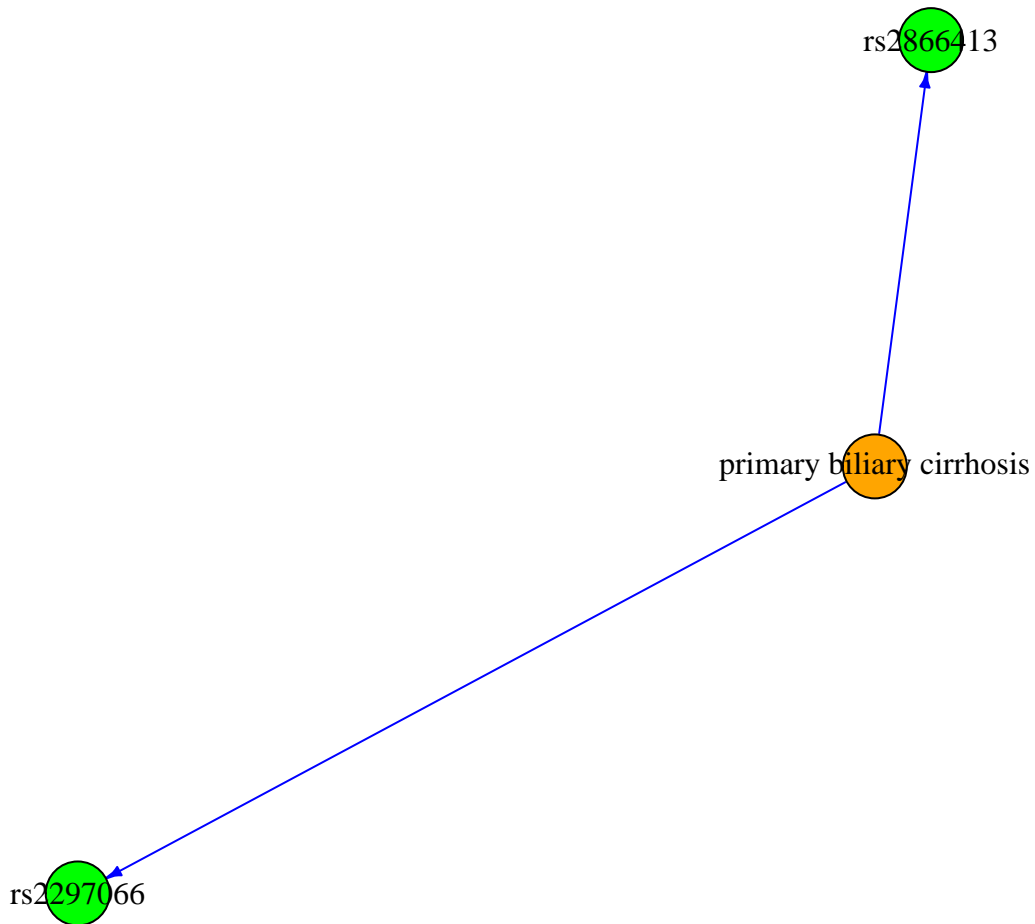




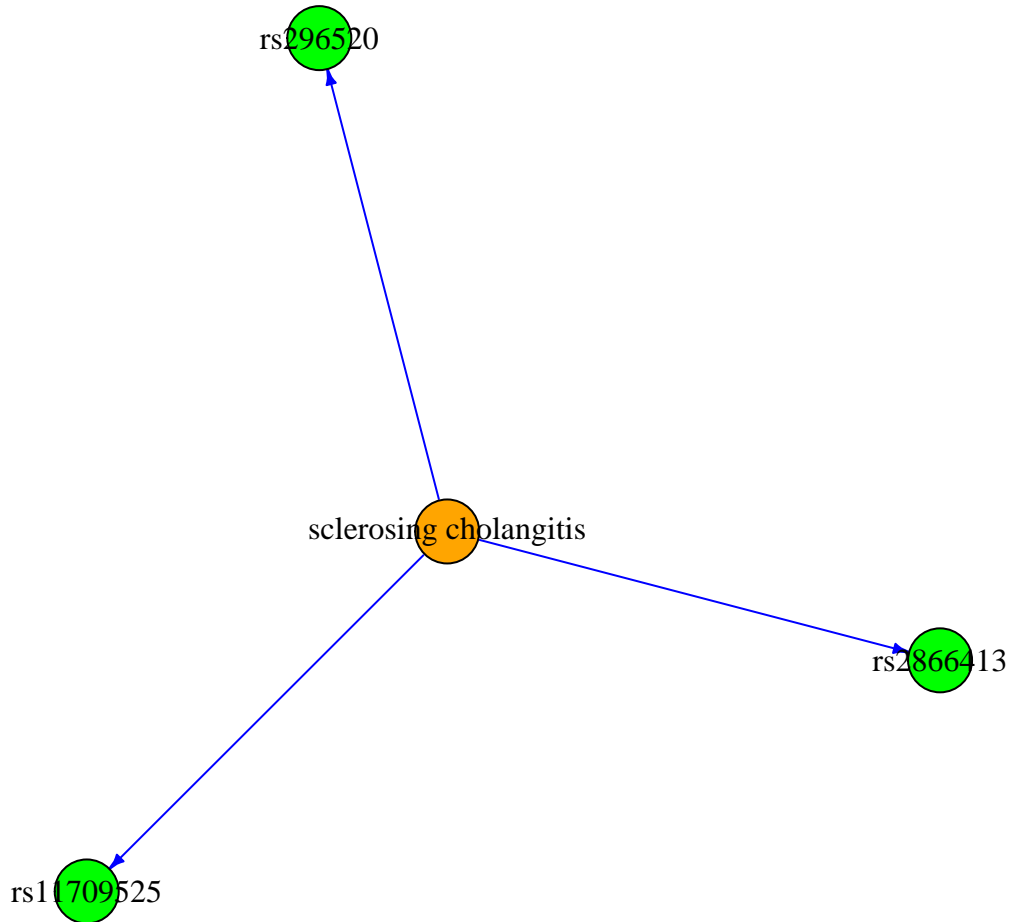
## Variant–Disease Network (biliary liver cirrhosis)



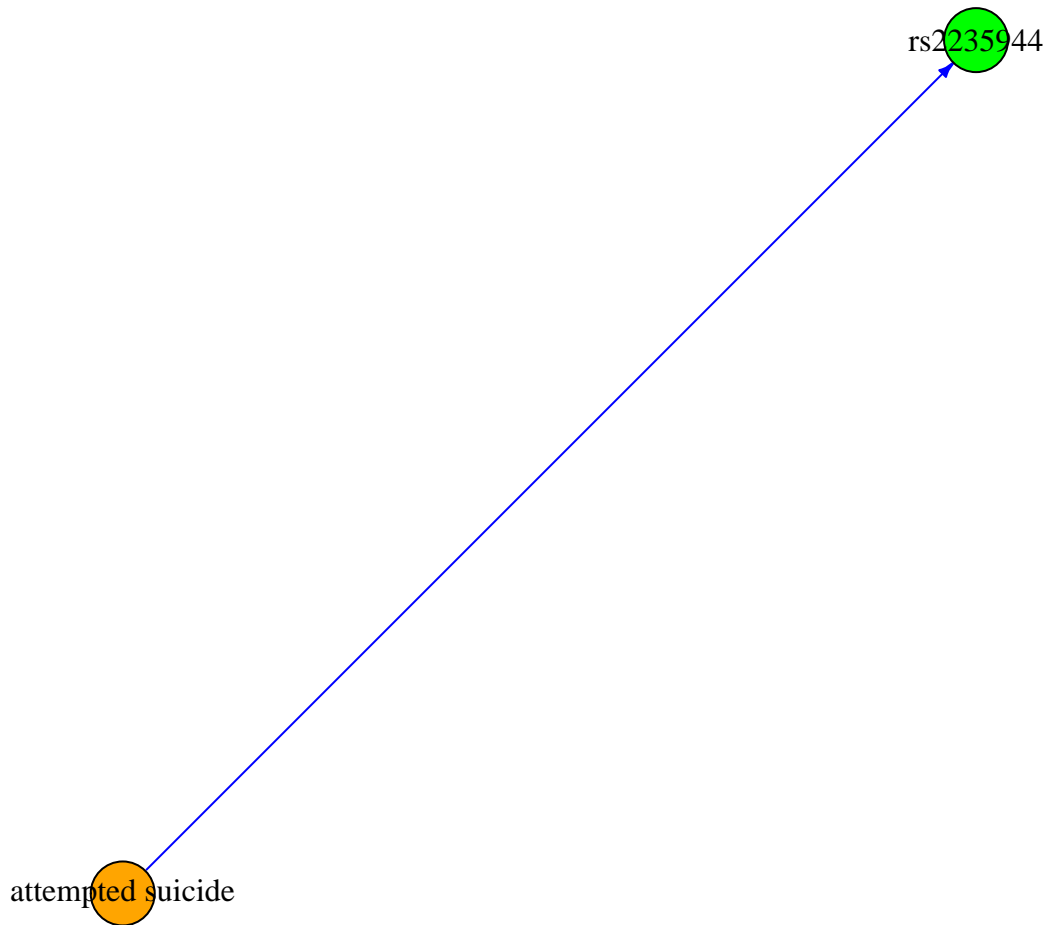
## Variant–Disease Network (primary biliary cirrhosis)



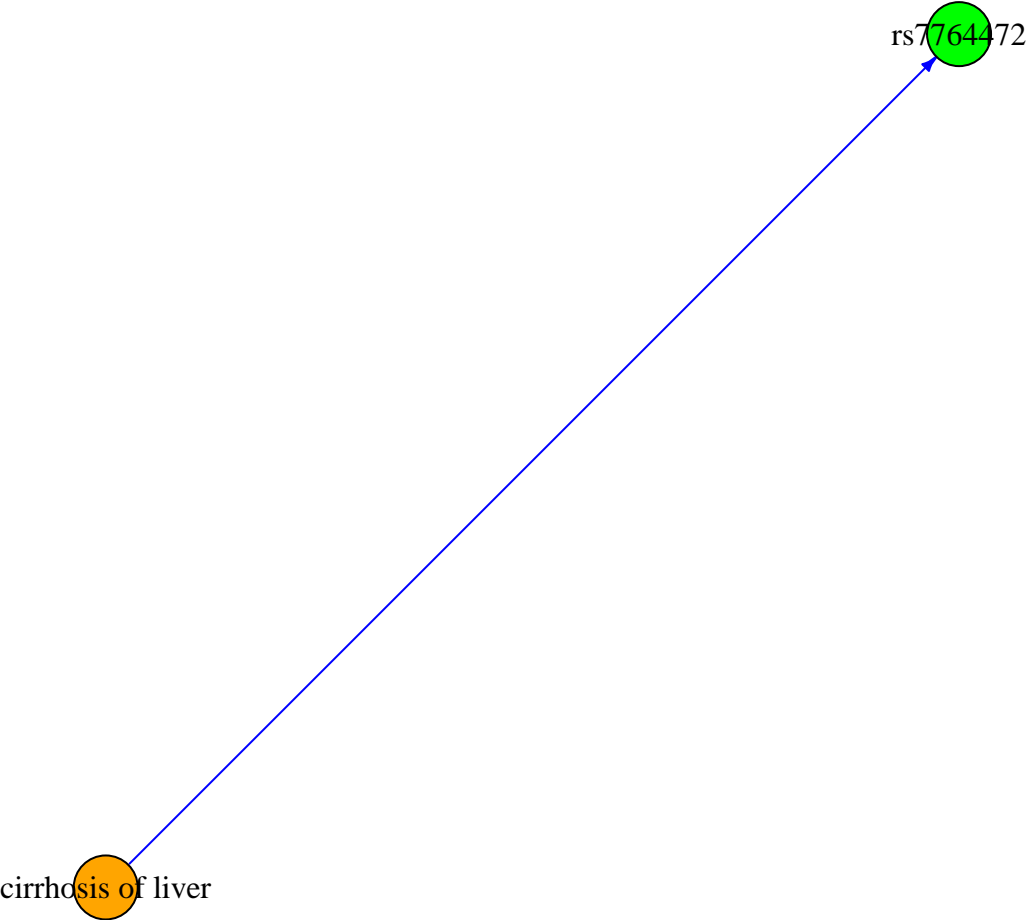
## Variant–Disease Network (sclerosing cholangitis)



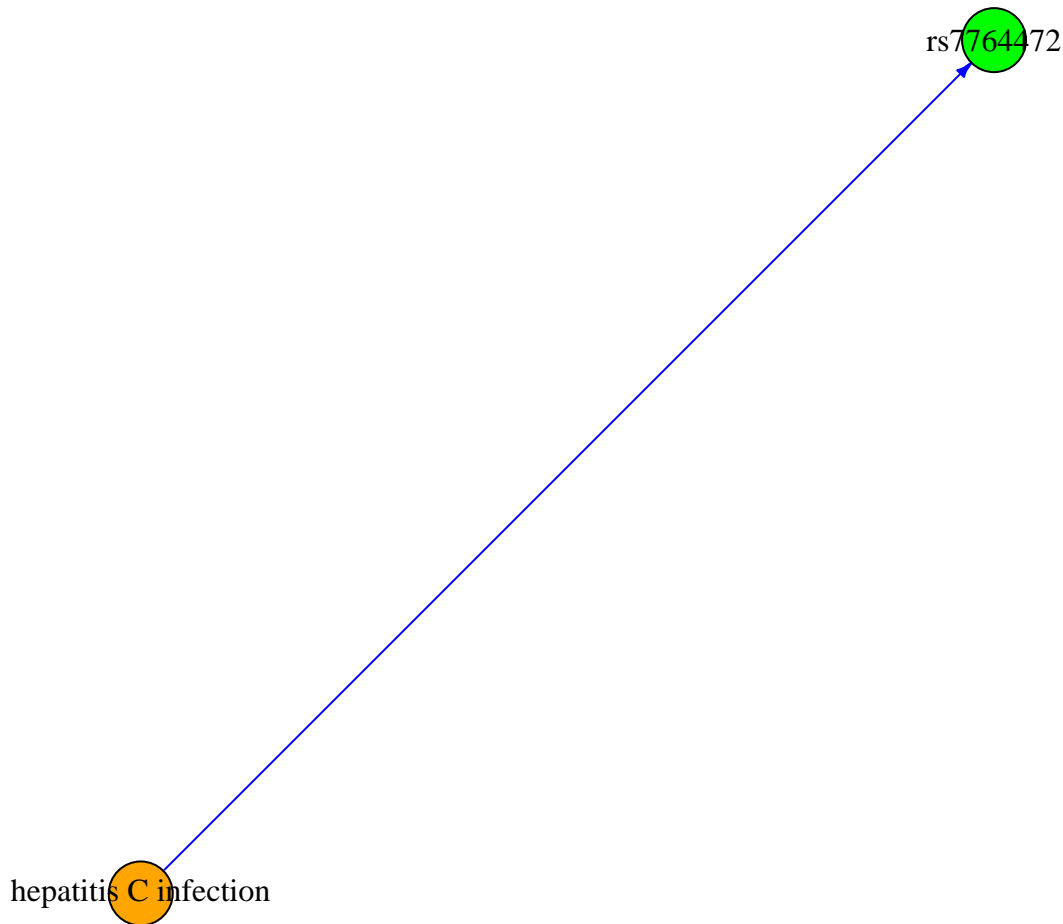
## Variant–Disease Network (attempted suicide)



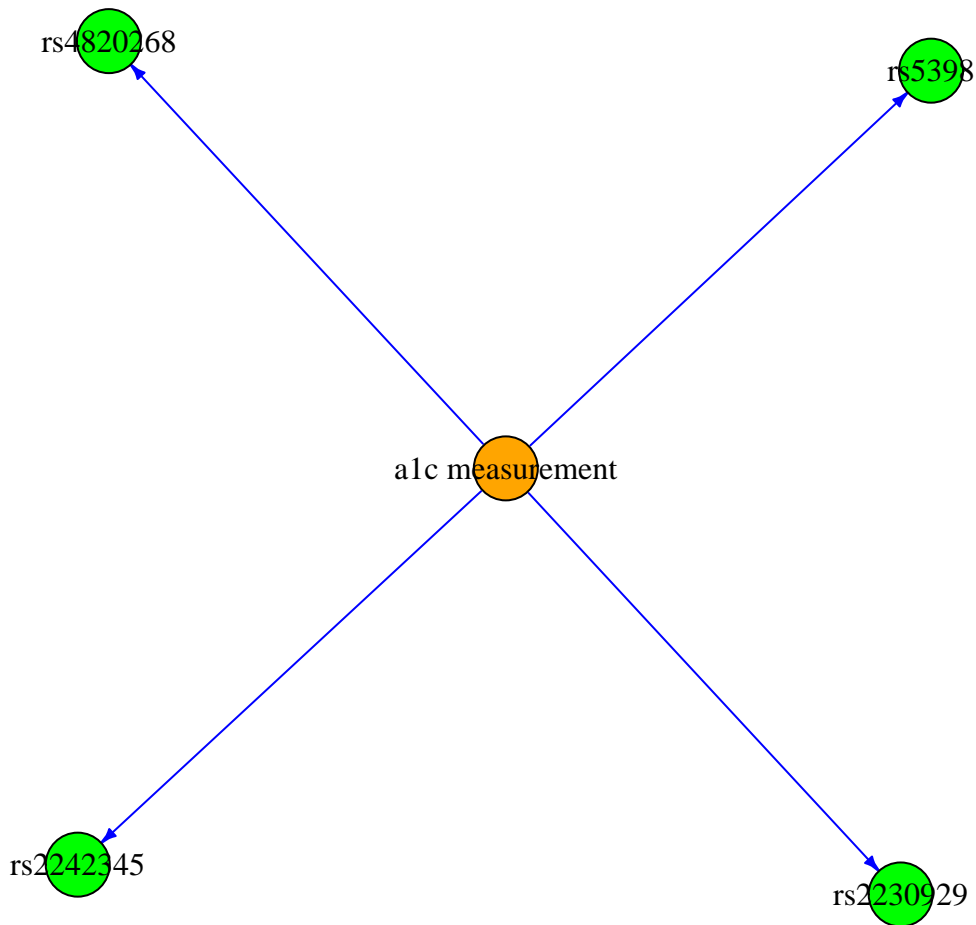
Variant–Disease Network (cirrhosis of liver)



## Variant–Disease Network (hepatitis C infection)



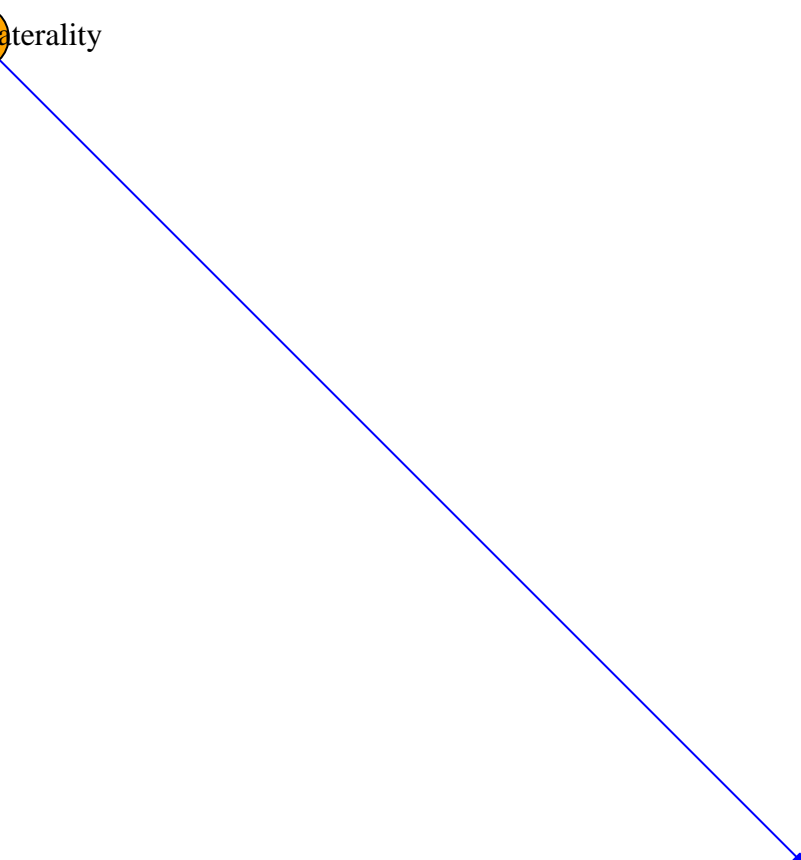
## Variant–Disease Network (a1c measurement)



## Variant–Disease Network (functional laterality)

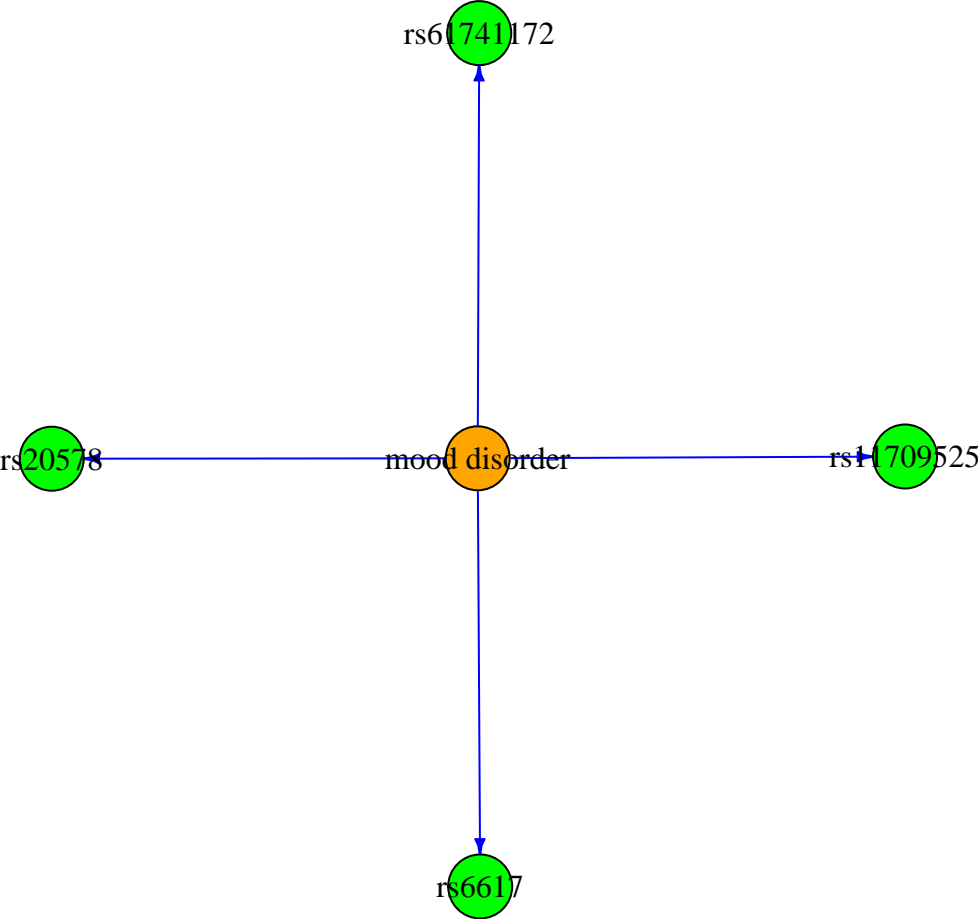
functional laterality

rs2293312

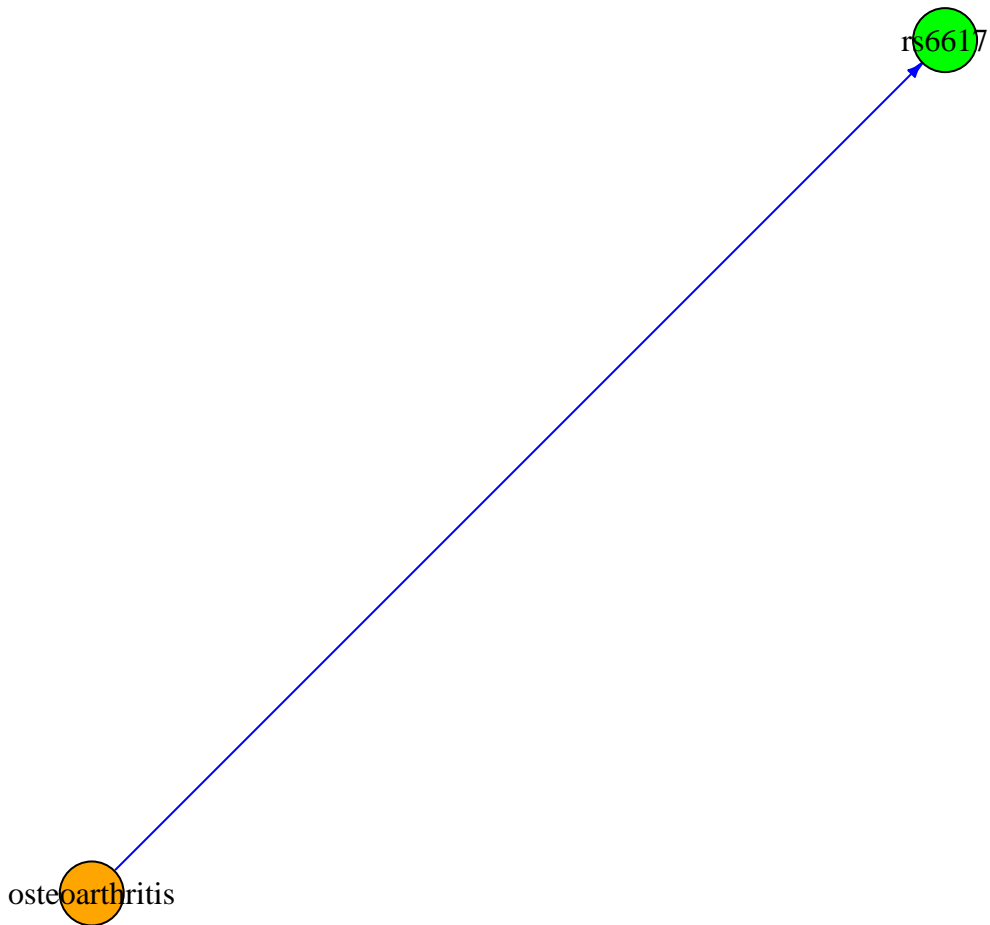




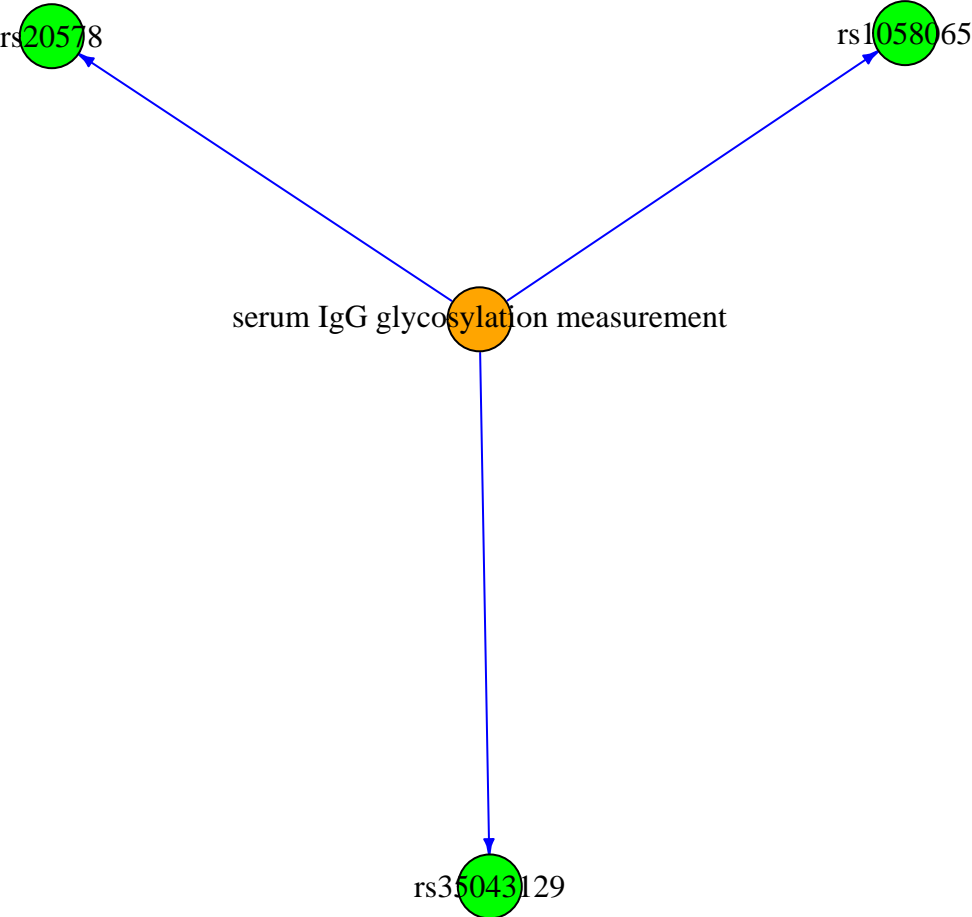
Variant–Disease Network (mood disorder)



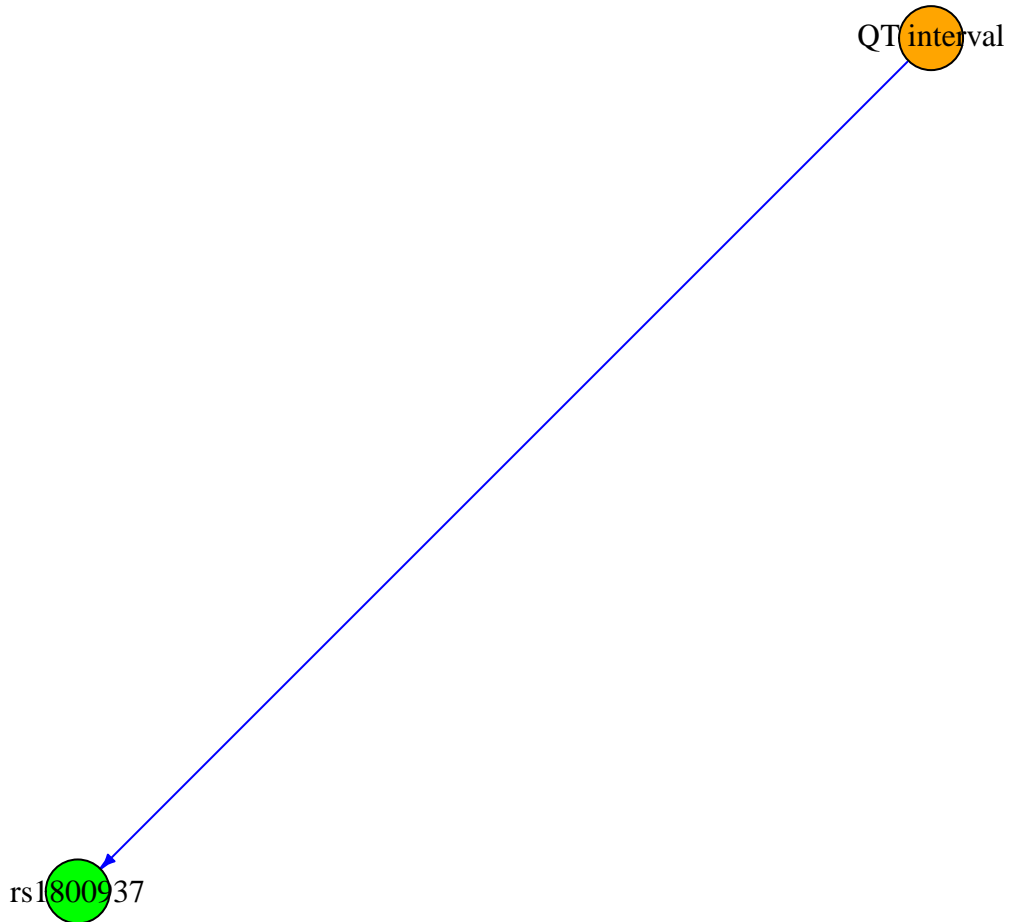
## Variant-Disease Network (osteoarthritis)



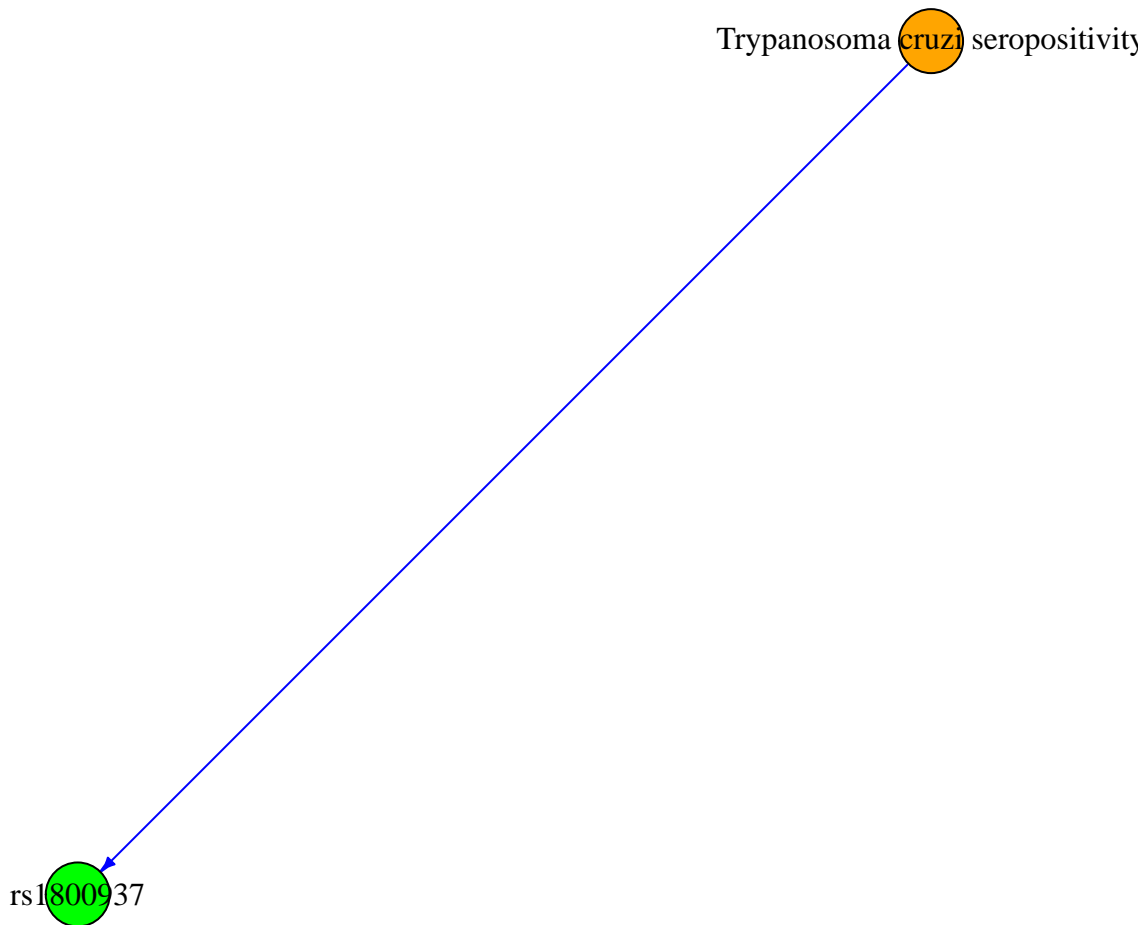
**Variant–Disease Network (serum IgG glycosylation measurement)**



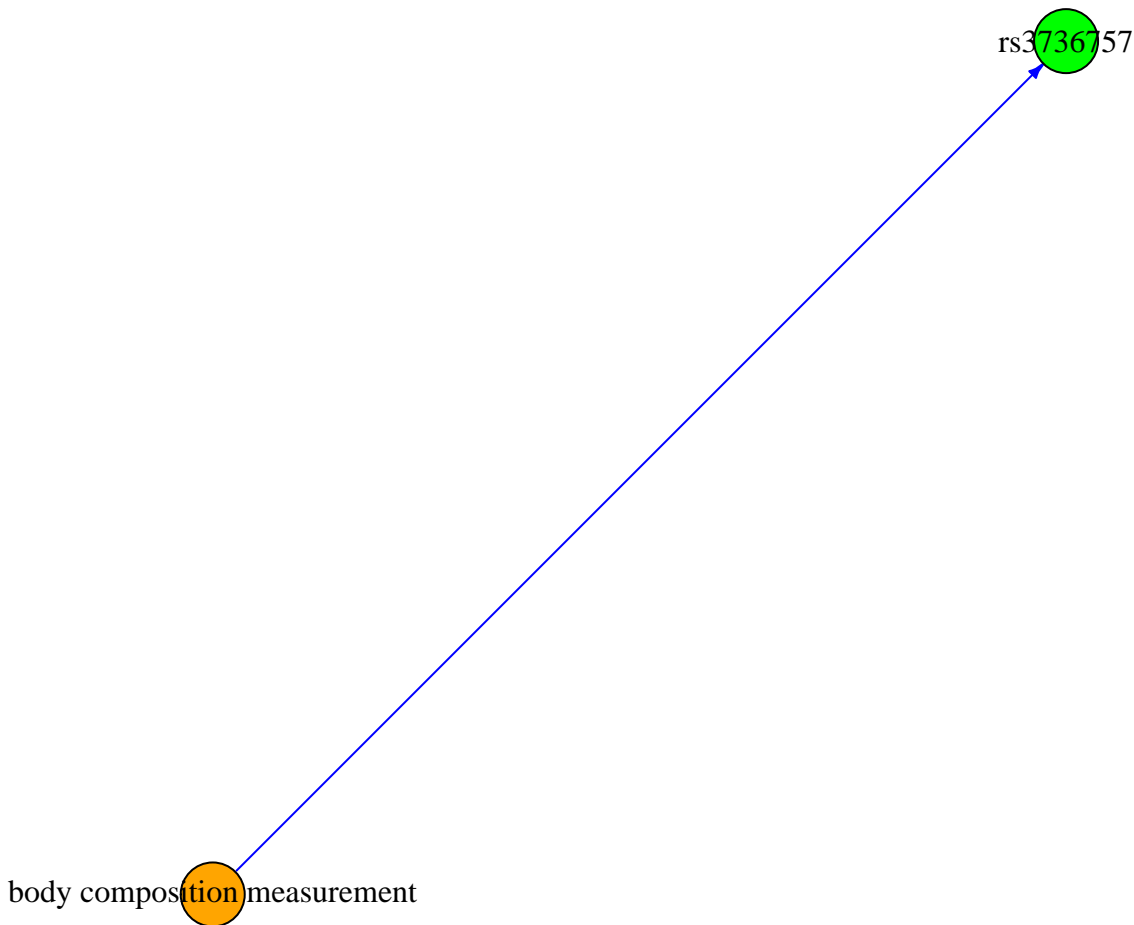
## Variant–Disease Network (QT interval)



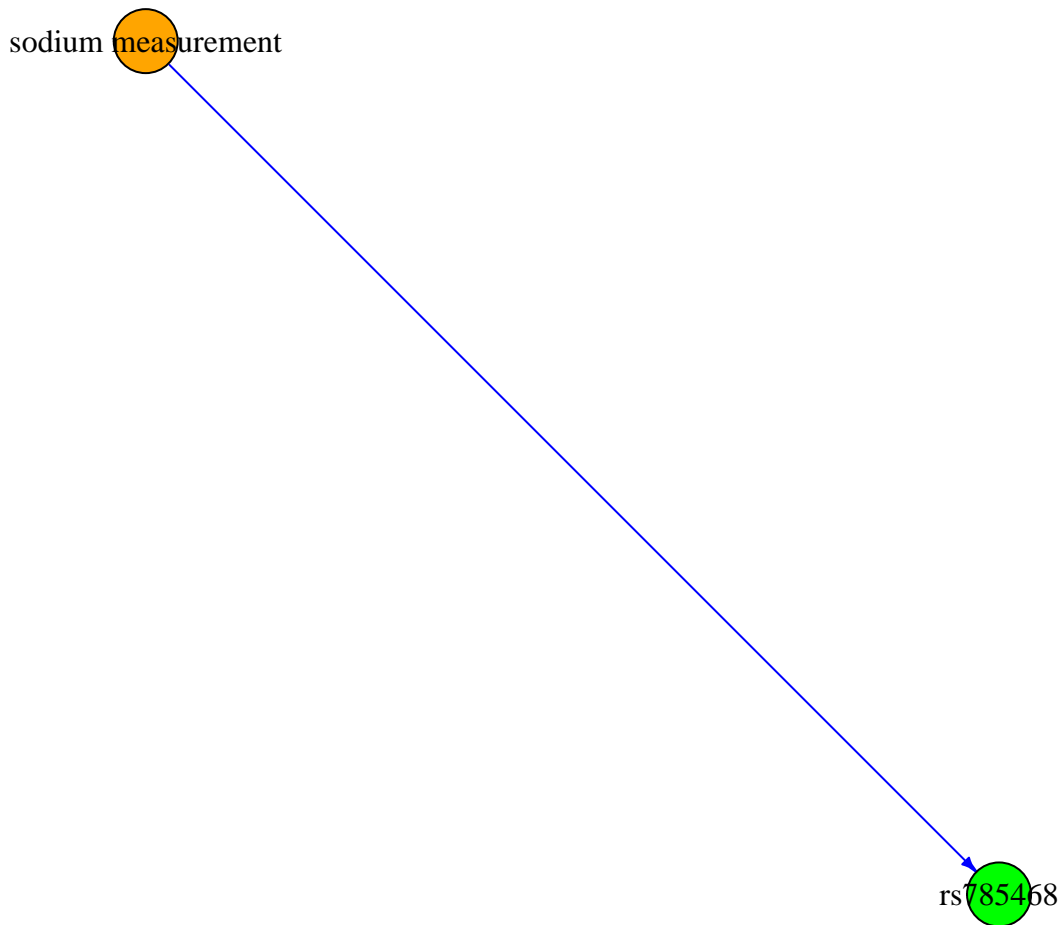
## Variant–Disease Network (Trypanosoma cruzi seropositivity)



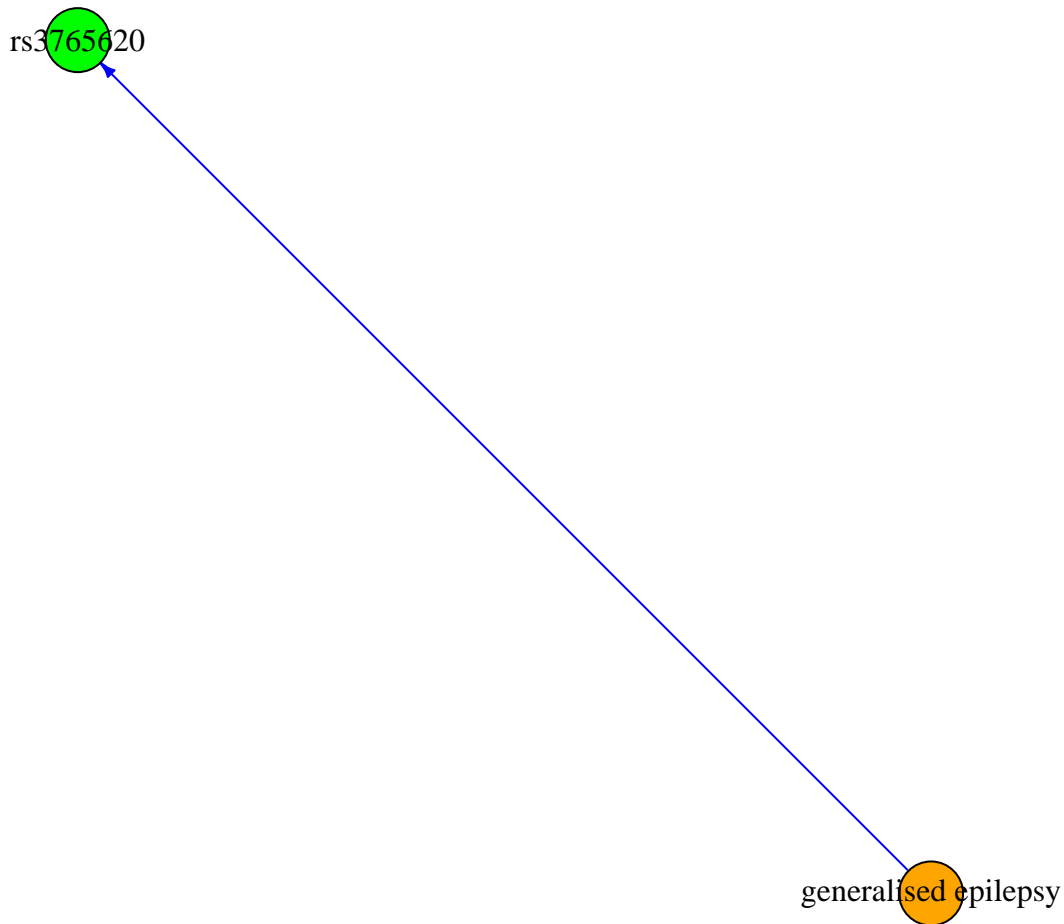
# Variant–Disease Network (body composition measurement)



## Variant–Disease Network (sodium measurement)

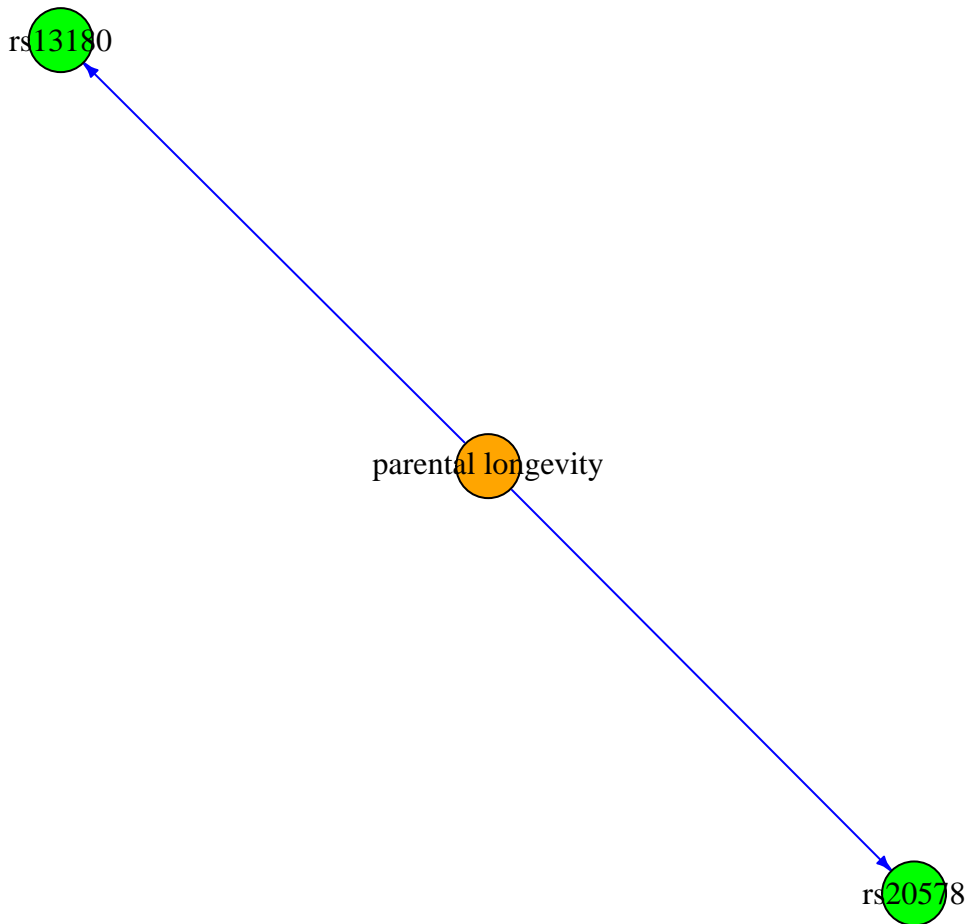


## Variant-Disease Network (generalised epilepsy)

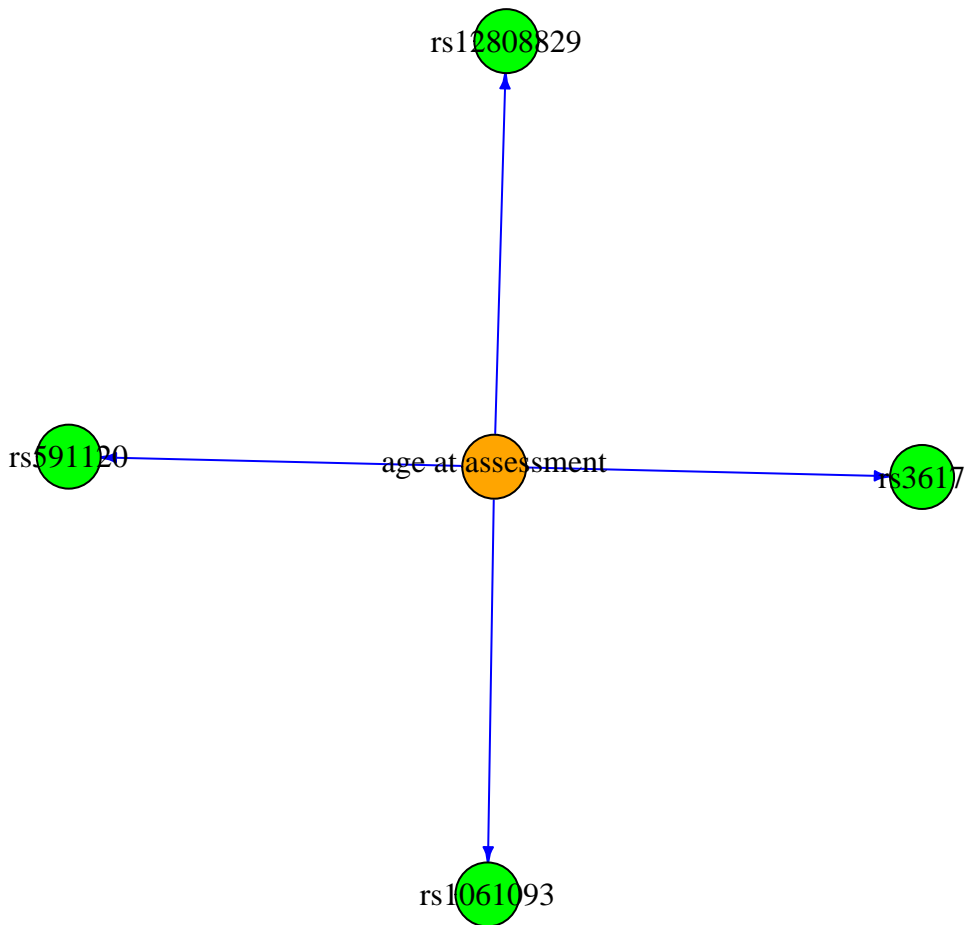




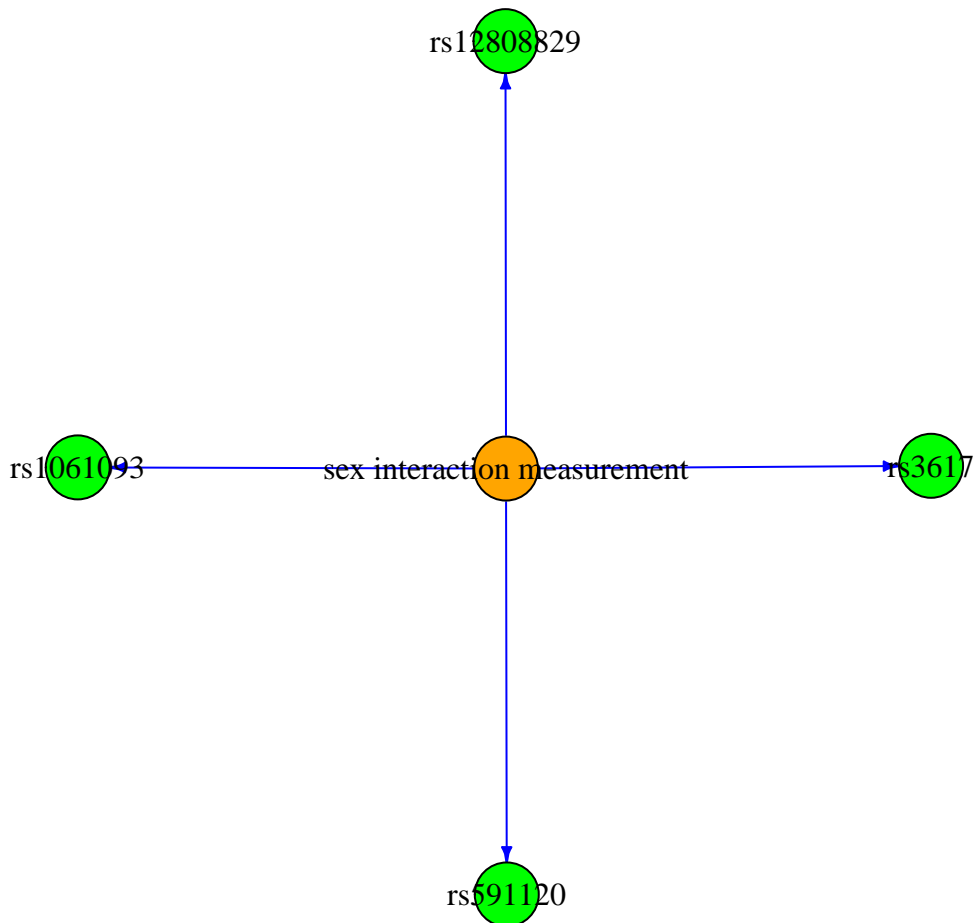
## Variant–Disease Network (parental longevity)



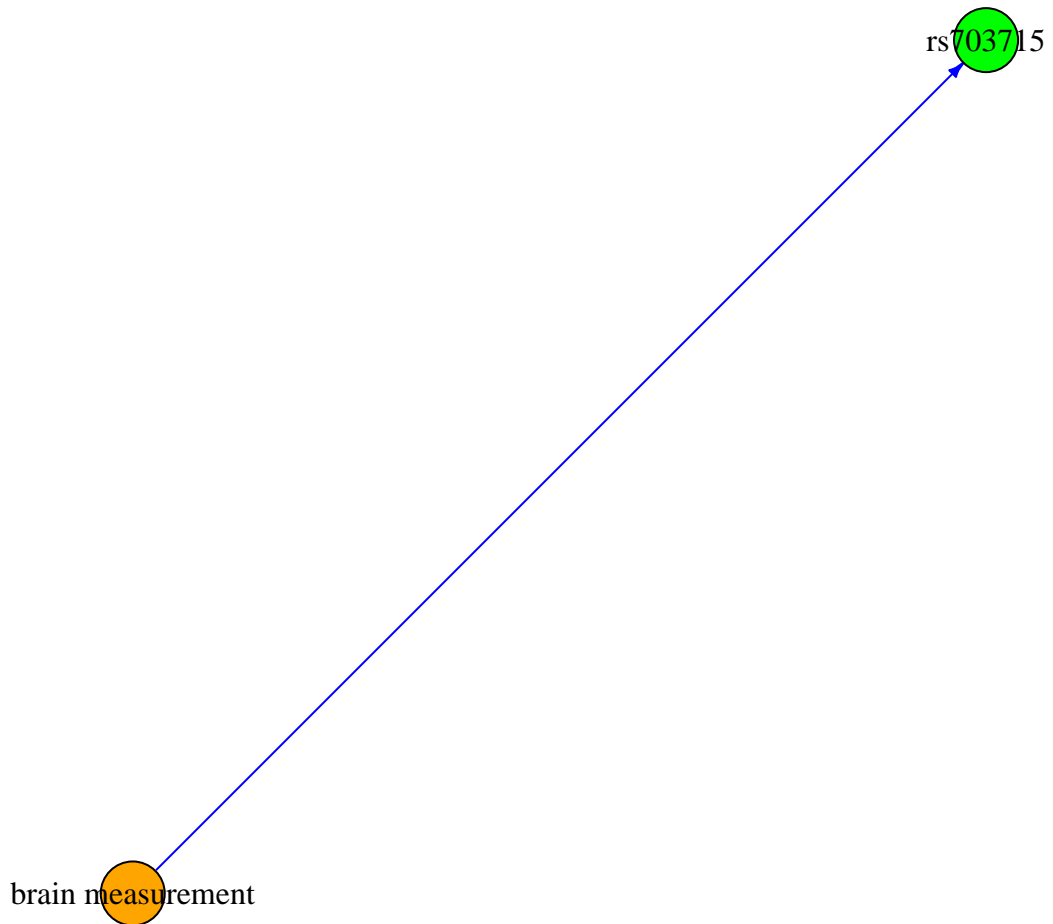
## Variant–Disease Network (age at assessment)



# Variant–Disease Network (sex interaction measurement)



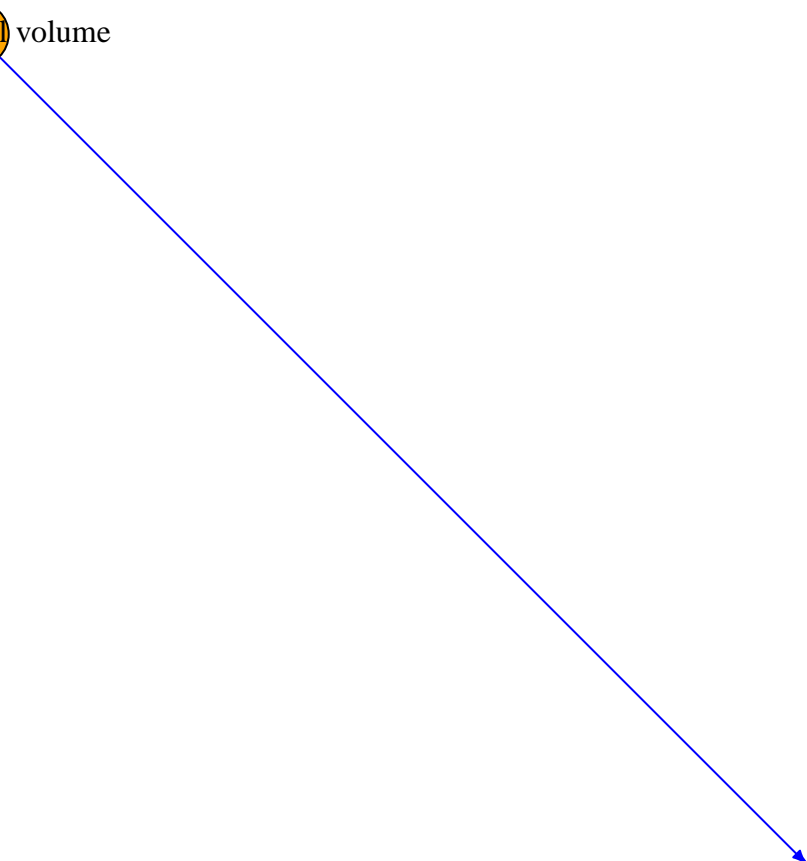
## Variant–Disease Network (brain measurement)



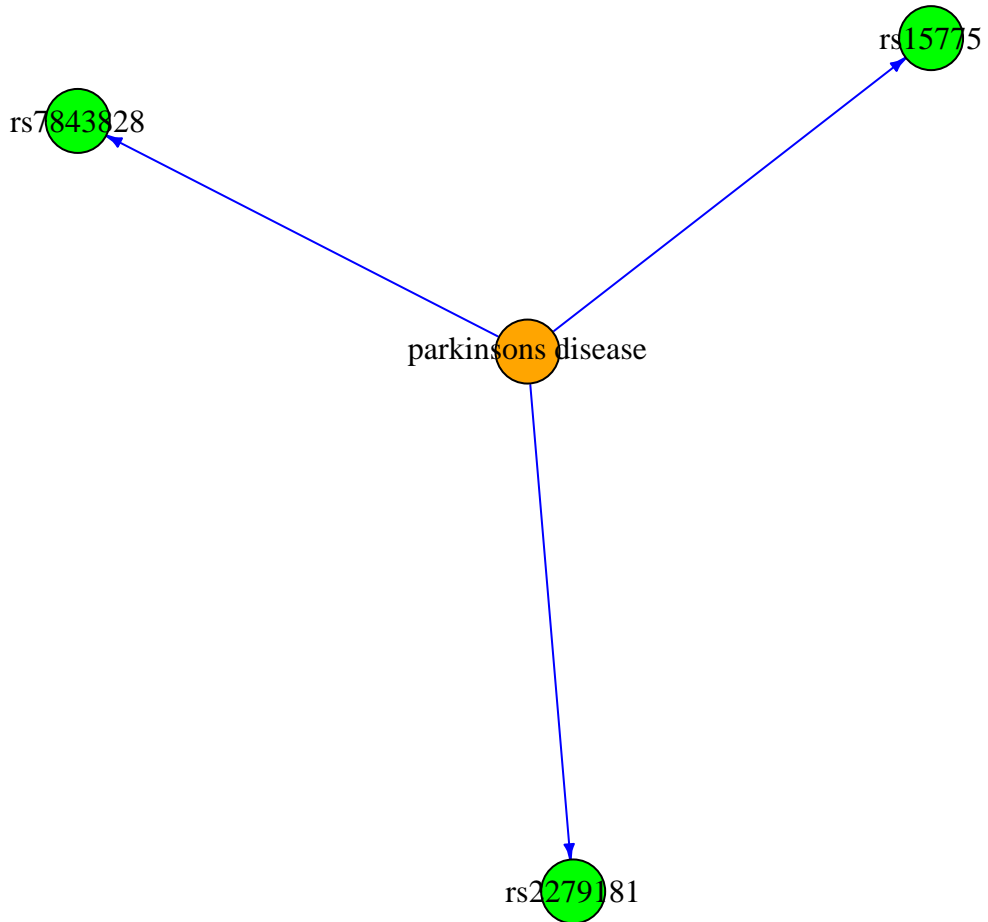
## Variant–Disease Network (hippocampal volume)

hippocampal volume

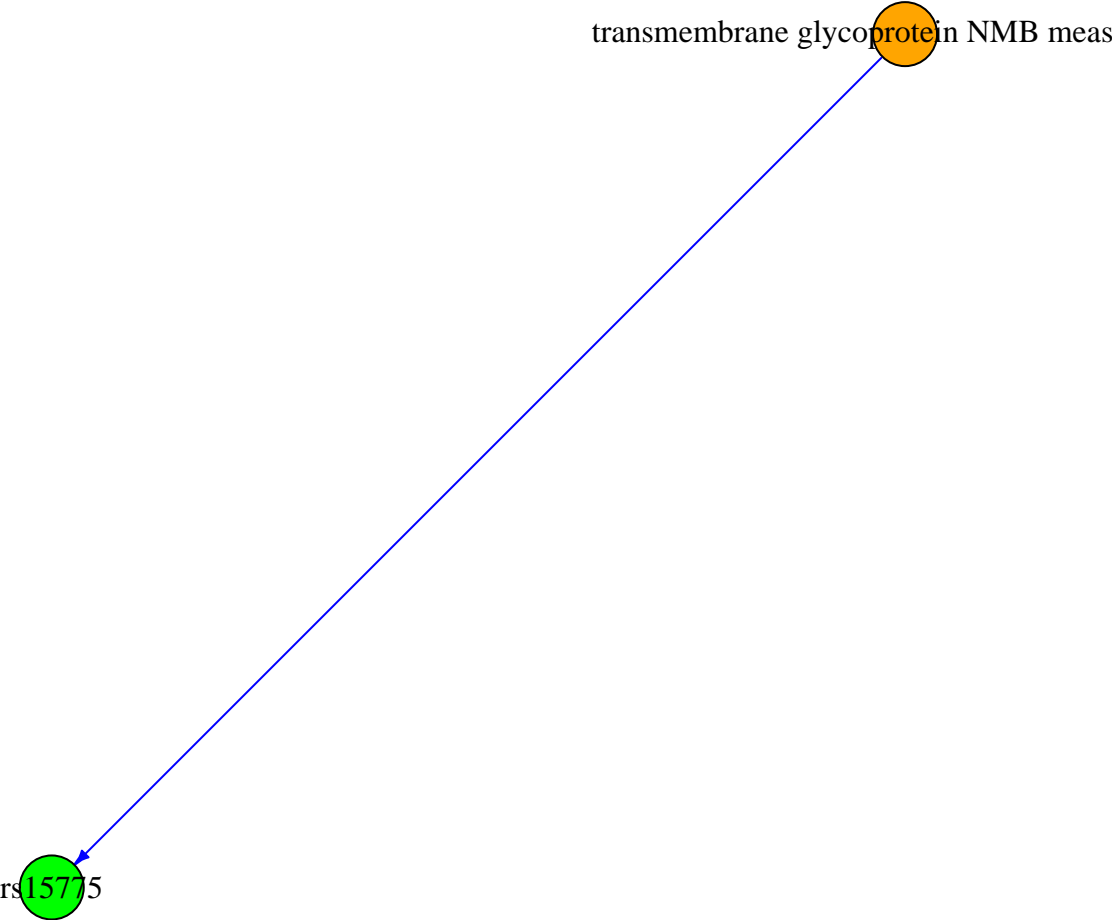
rs703715



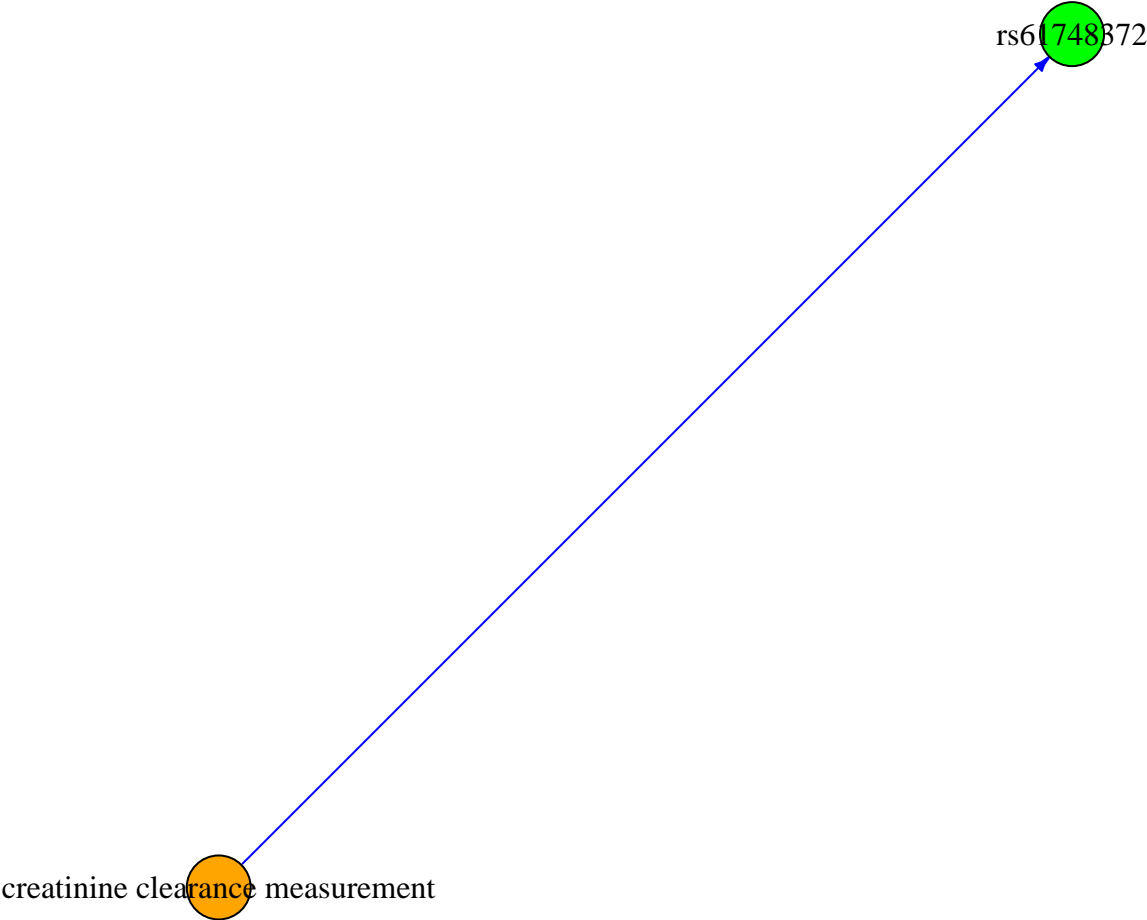
## Variant–Disease Network (parkinsons disease)



Variant–Disease Network (transmembrane glycoprotein NMB measurement)

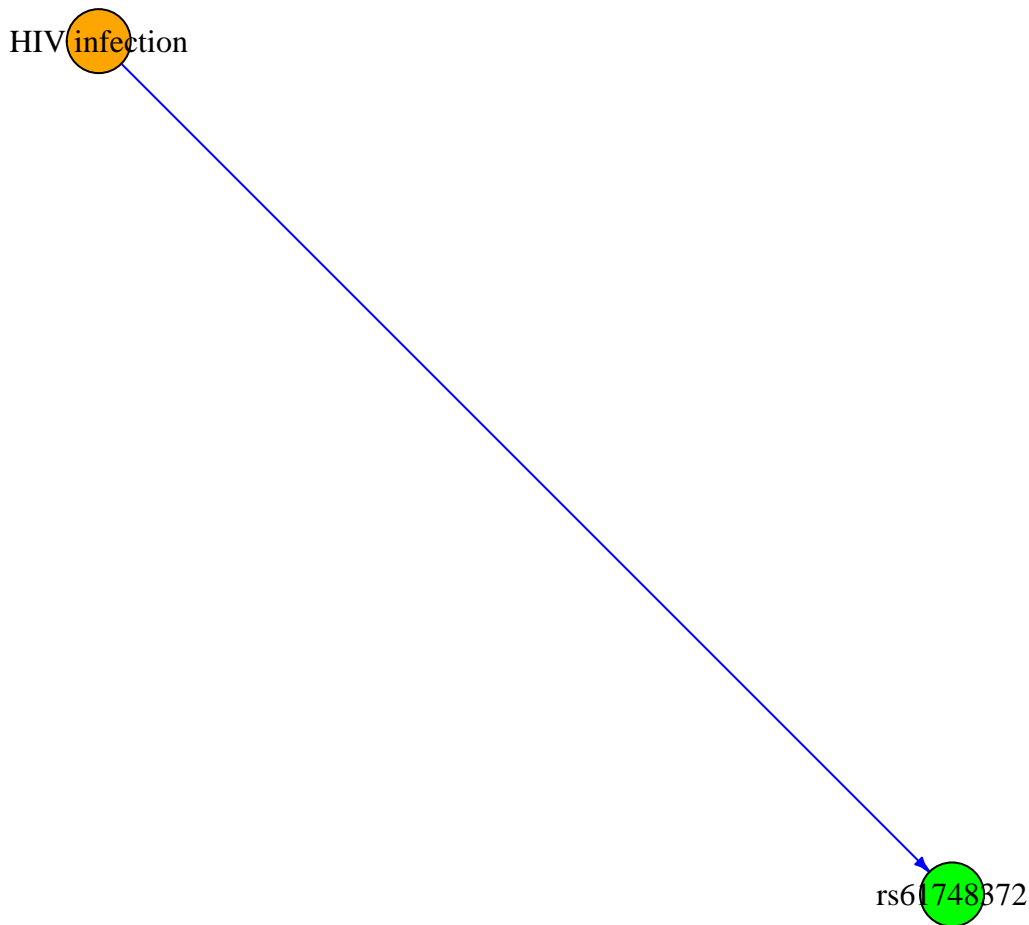


**Variant–Disease Network (creatinine clearance measurement)**

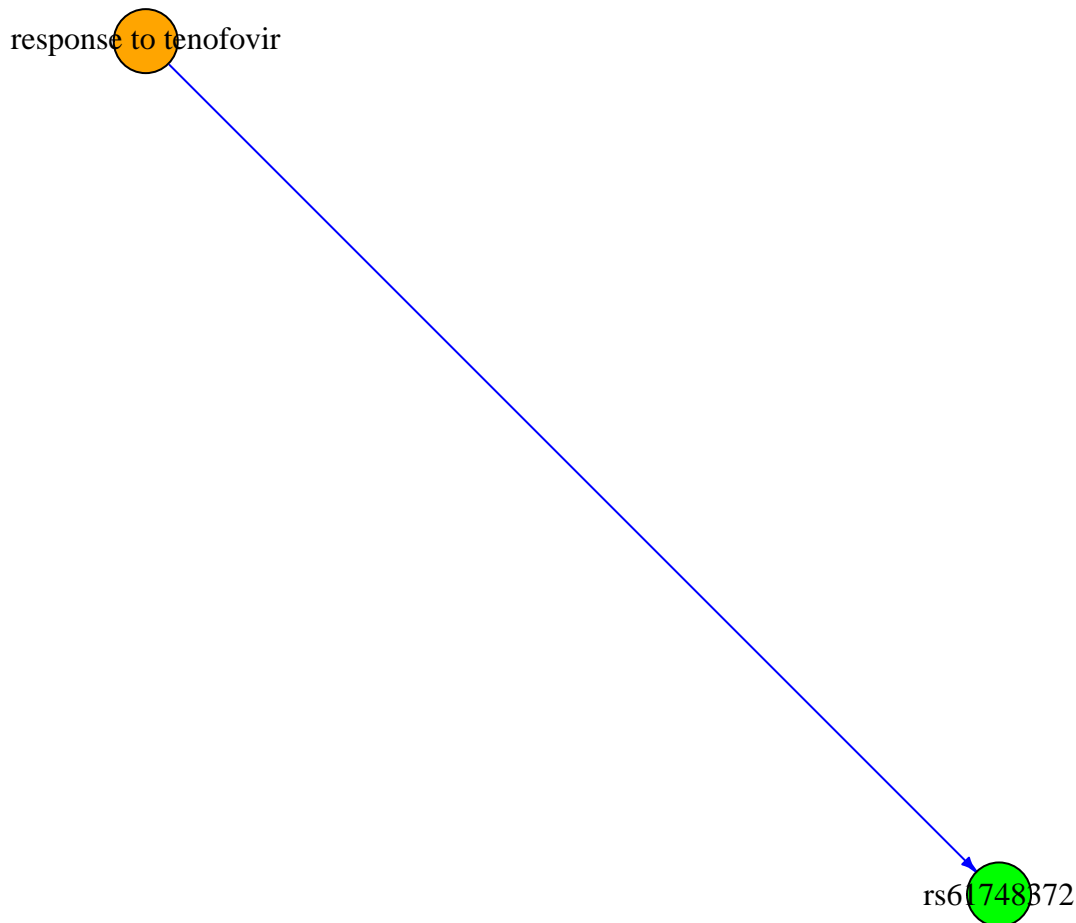




## Variant–Disease Network (HIV infection)

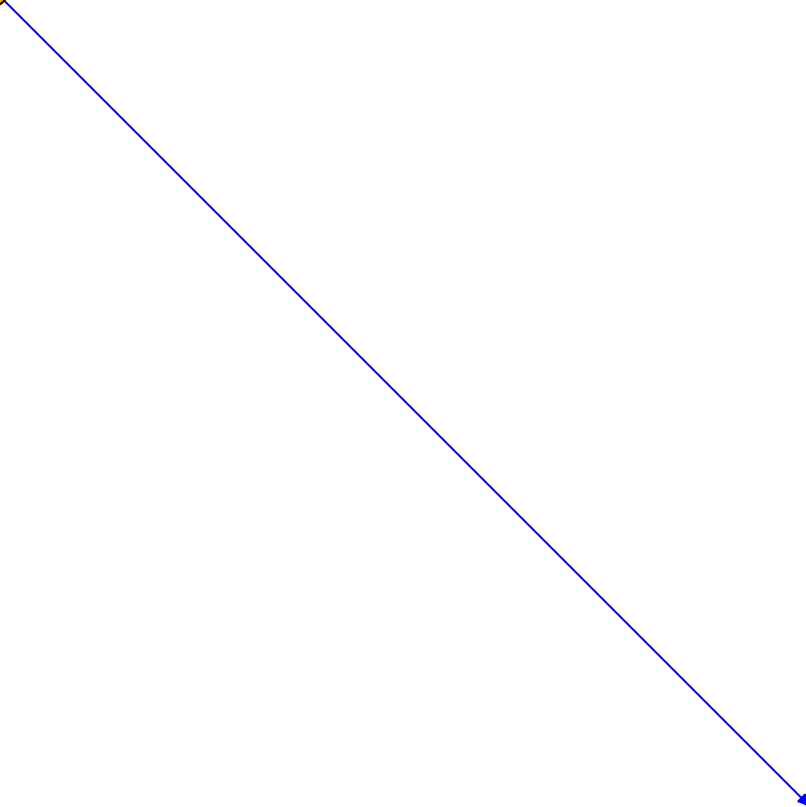


## Variant–Disease Network (response to tenofovir)



# Variant–Disease Network (mosquito bite reaction size measurement)

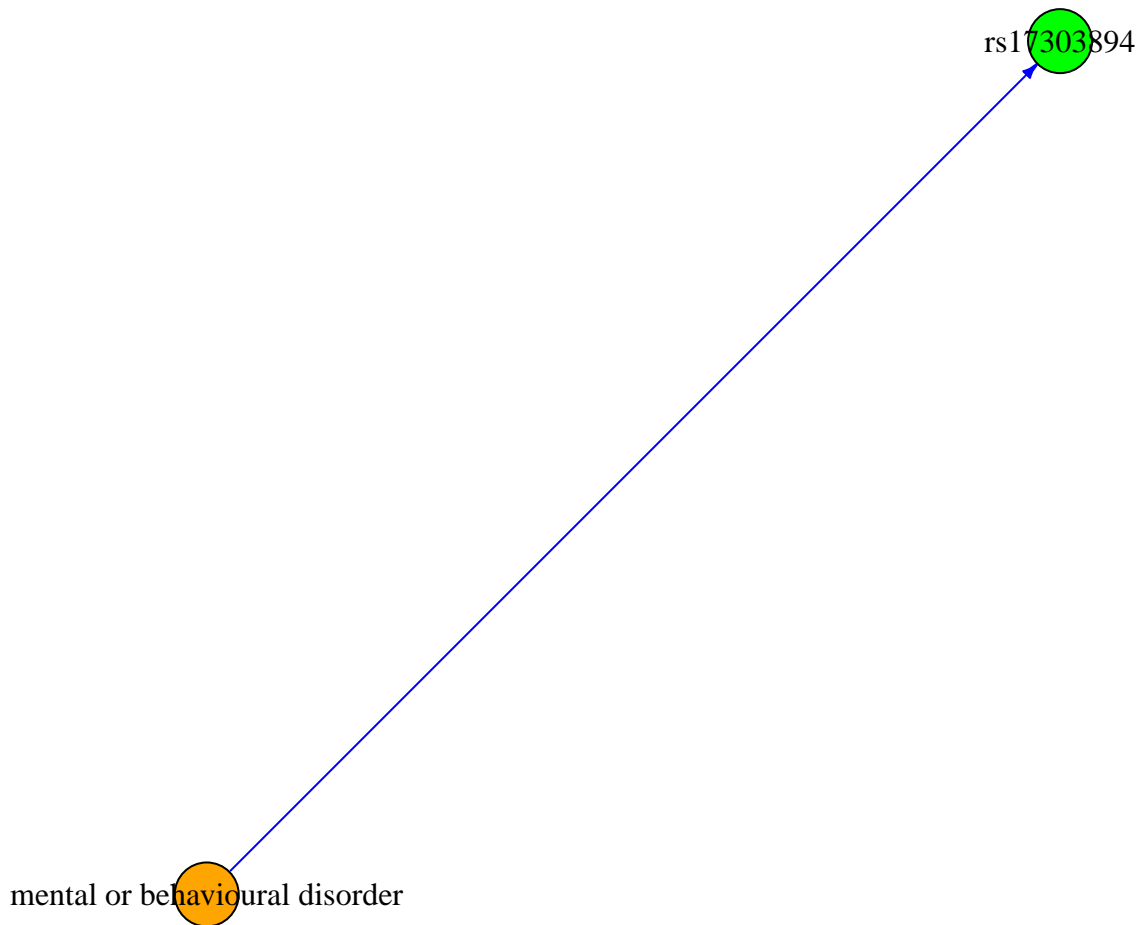
mosquito bite reaction size measurement



rs11541311



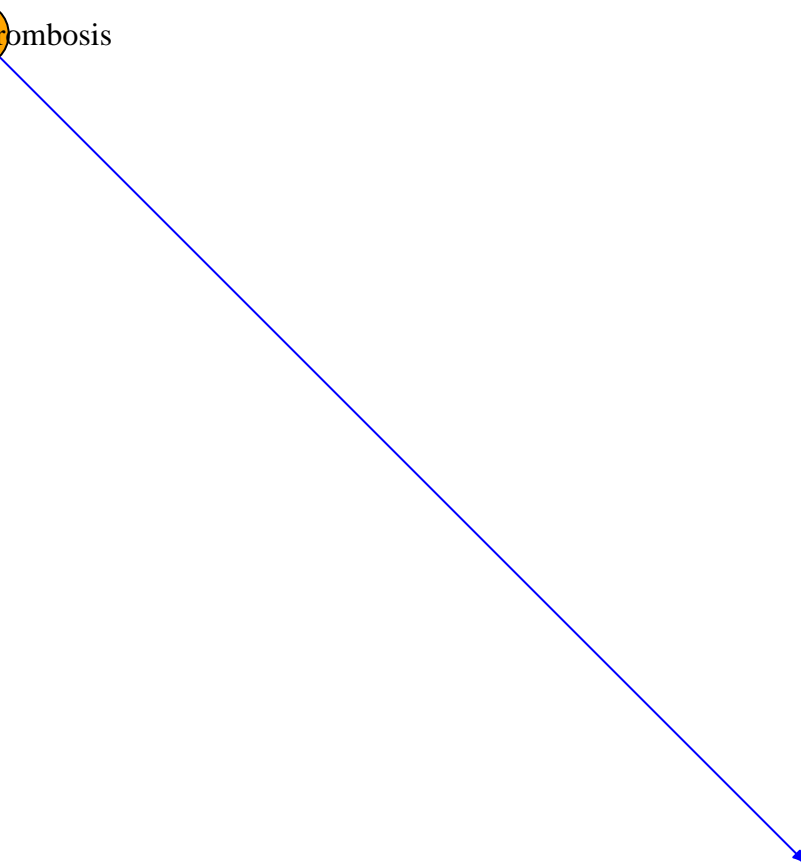
# Variant–Disease Network (mental or behavioural disorder)



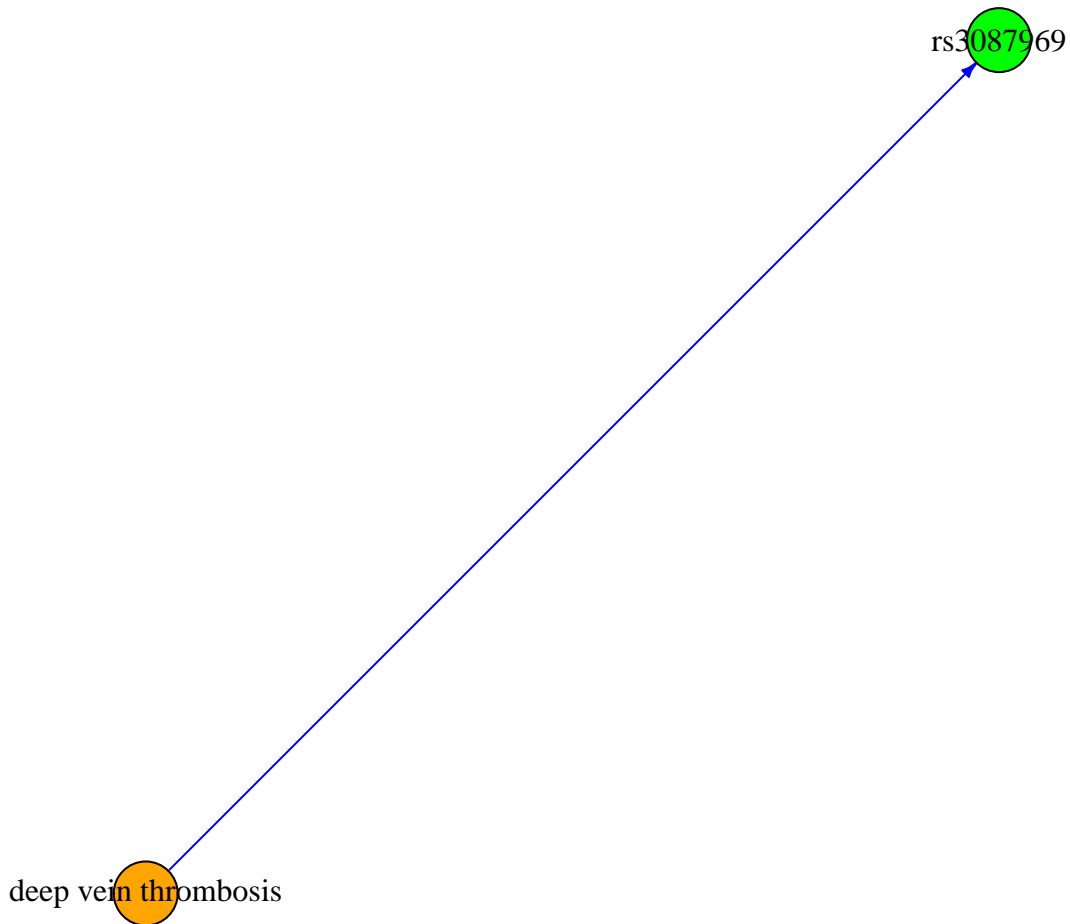
## Variant–Disease Network (abnormal thrombosis)

abnormal thrombosis

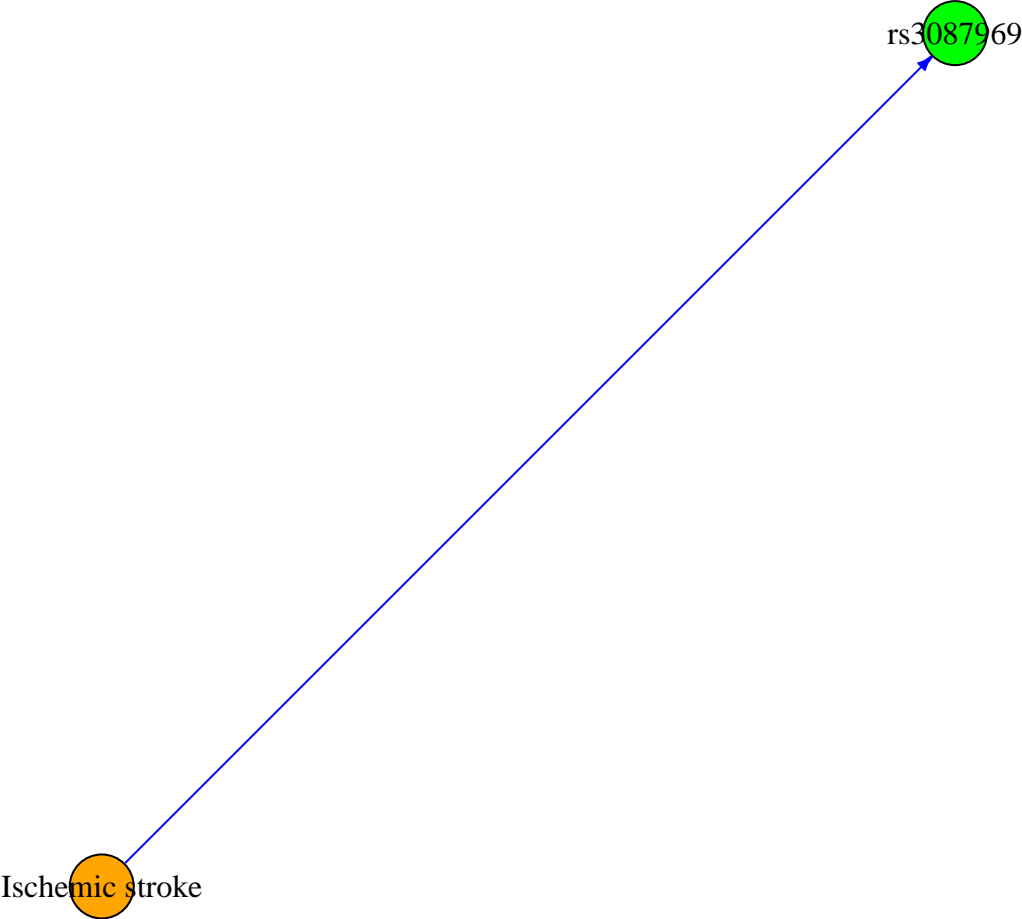
rs3087969



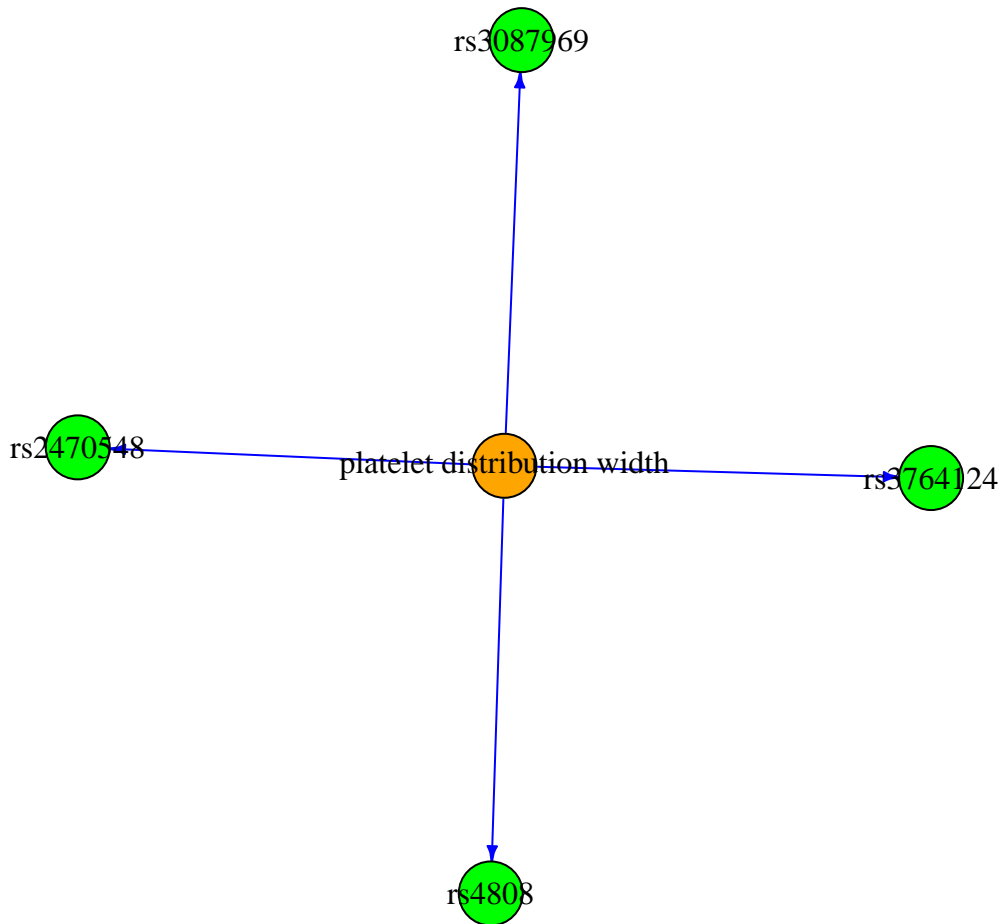
## Variant–Disease Network (deep vein thrombosis)



Variant–Disease Network (Ischemic stroke)



## Variant–Disease Network (platelet distribution width)

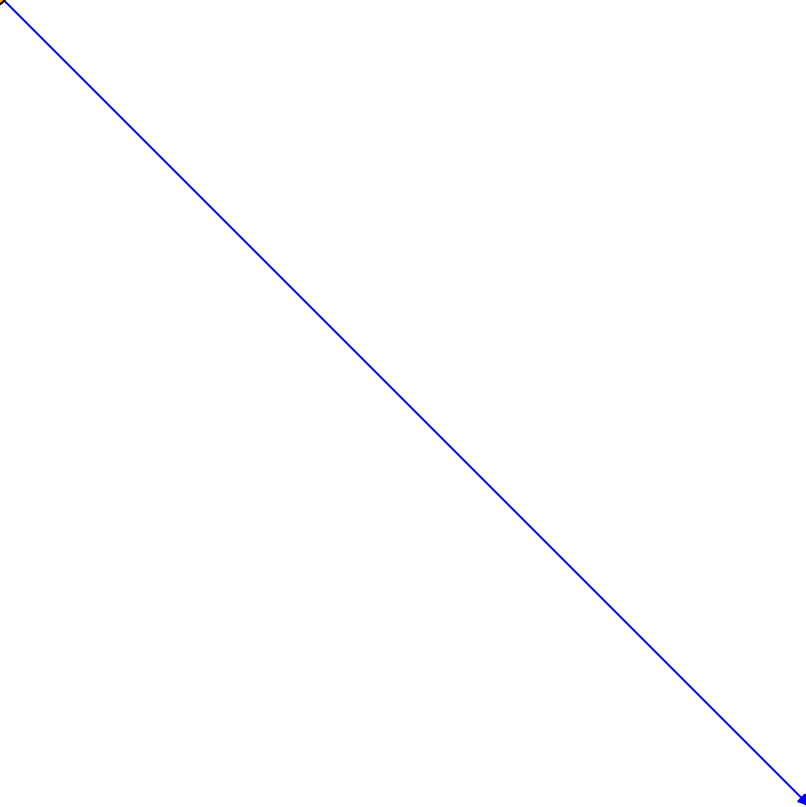




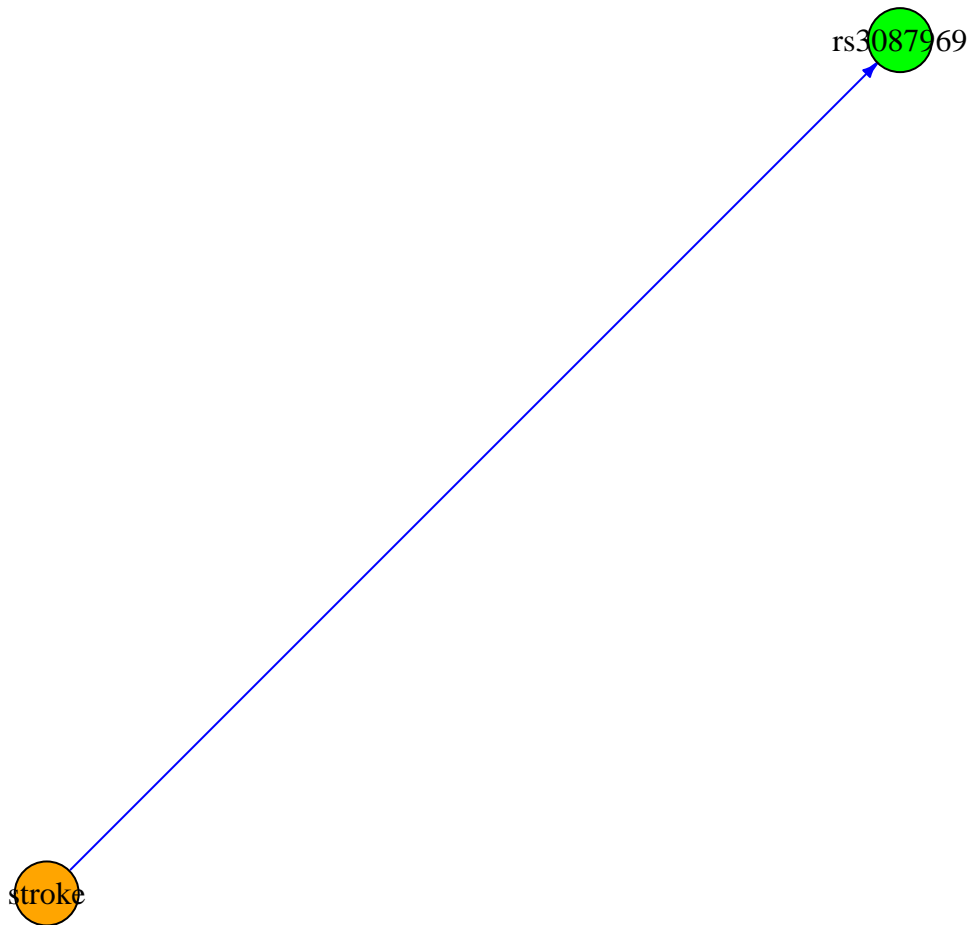
## Variant-Disease Network (pulmonary embolism)

pulmonary embolism

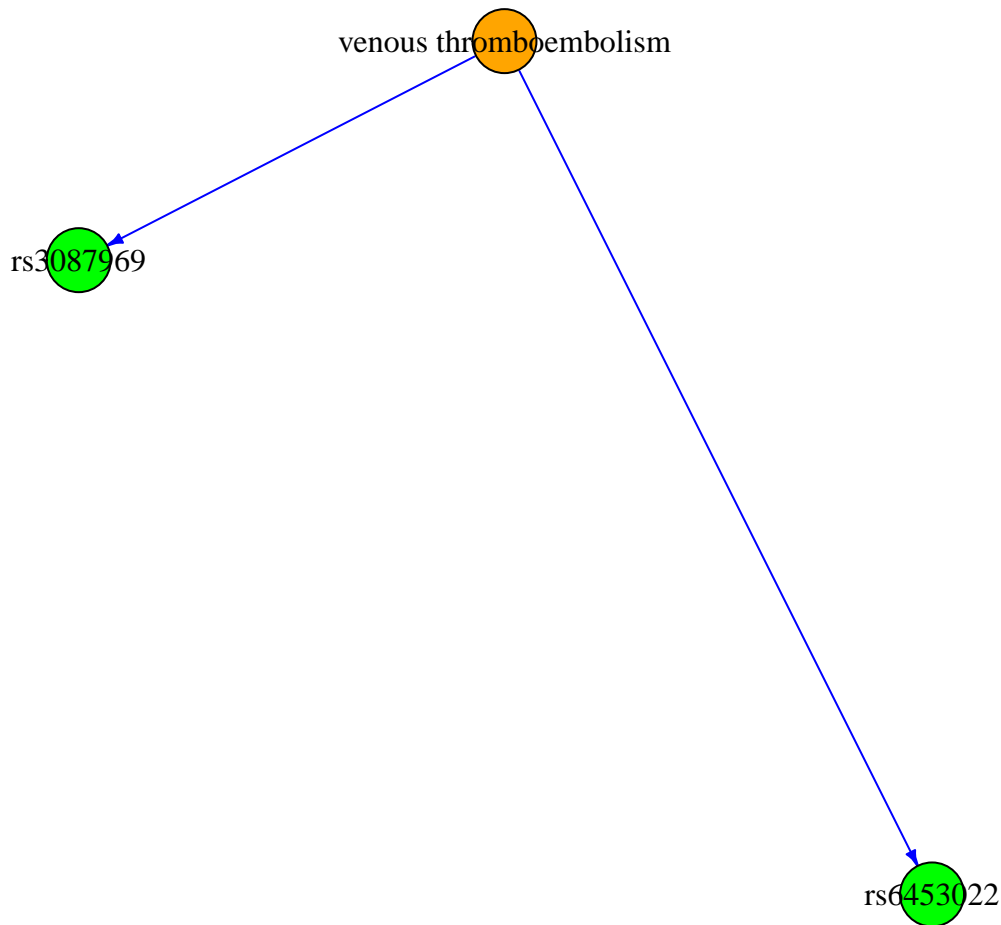
rs3087969



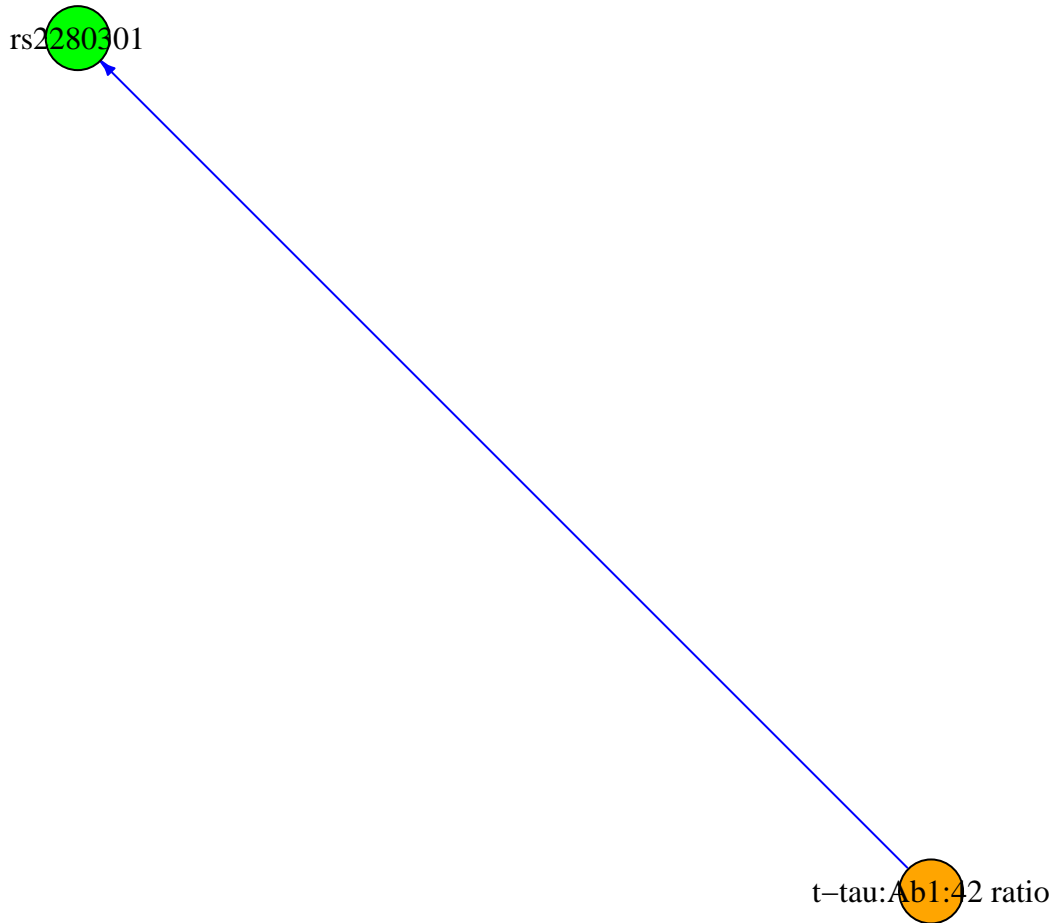
## Variant-Disease Network (stroke)



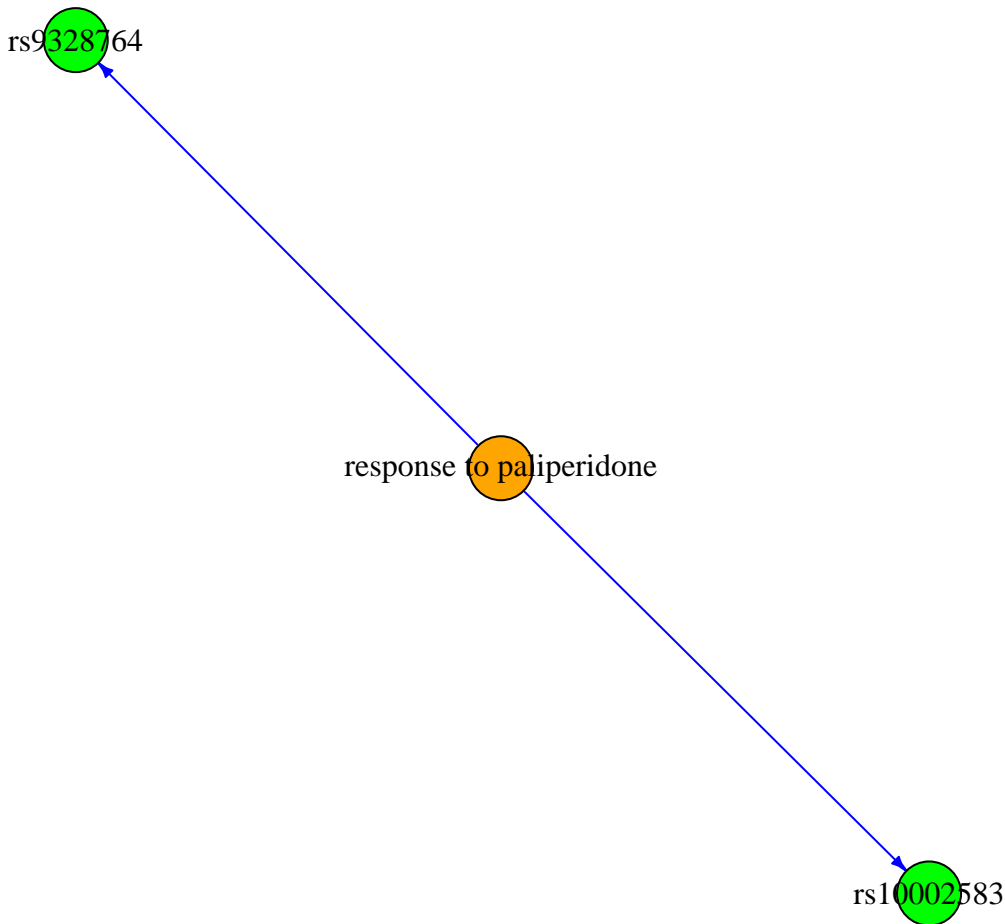
# Variant-Disease Network (venous thromboembolism)



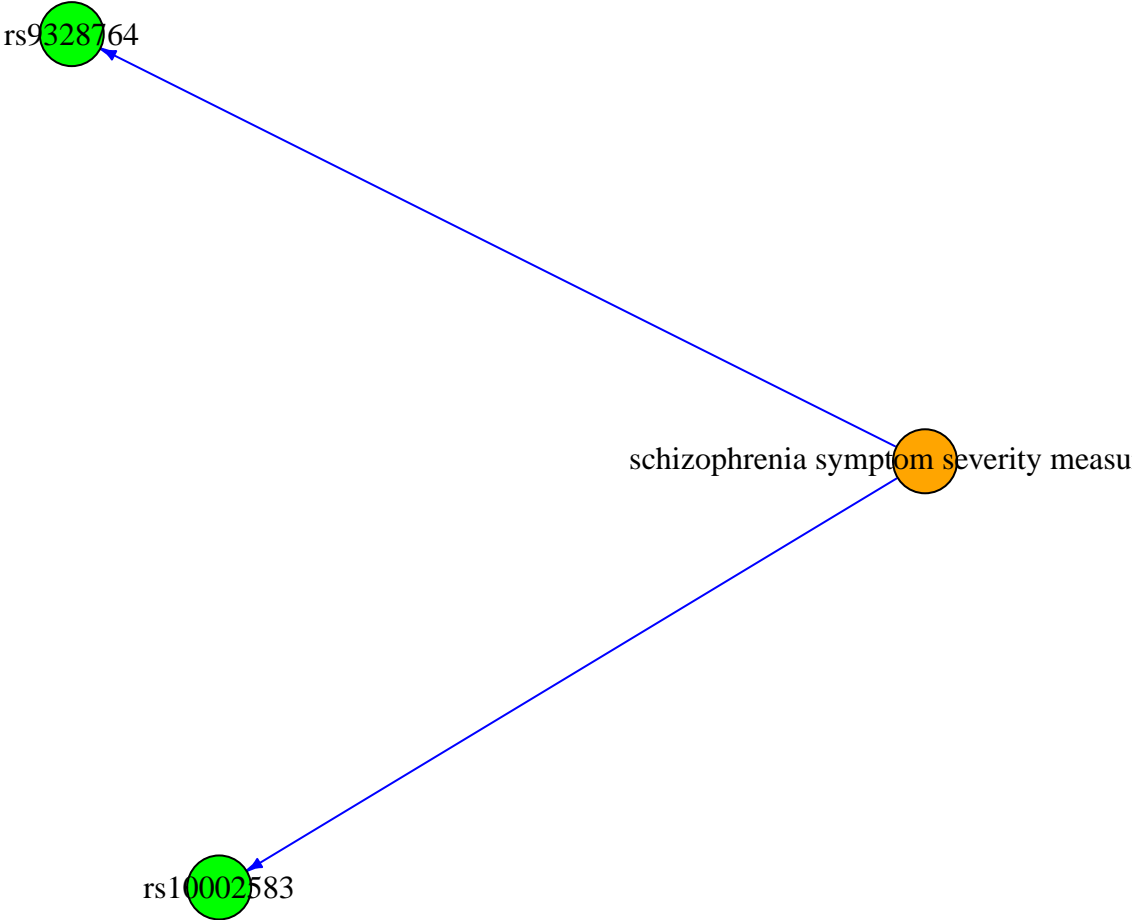
## Variant–Disease Network (t–tau:Ab1:42 ratio)



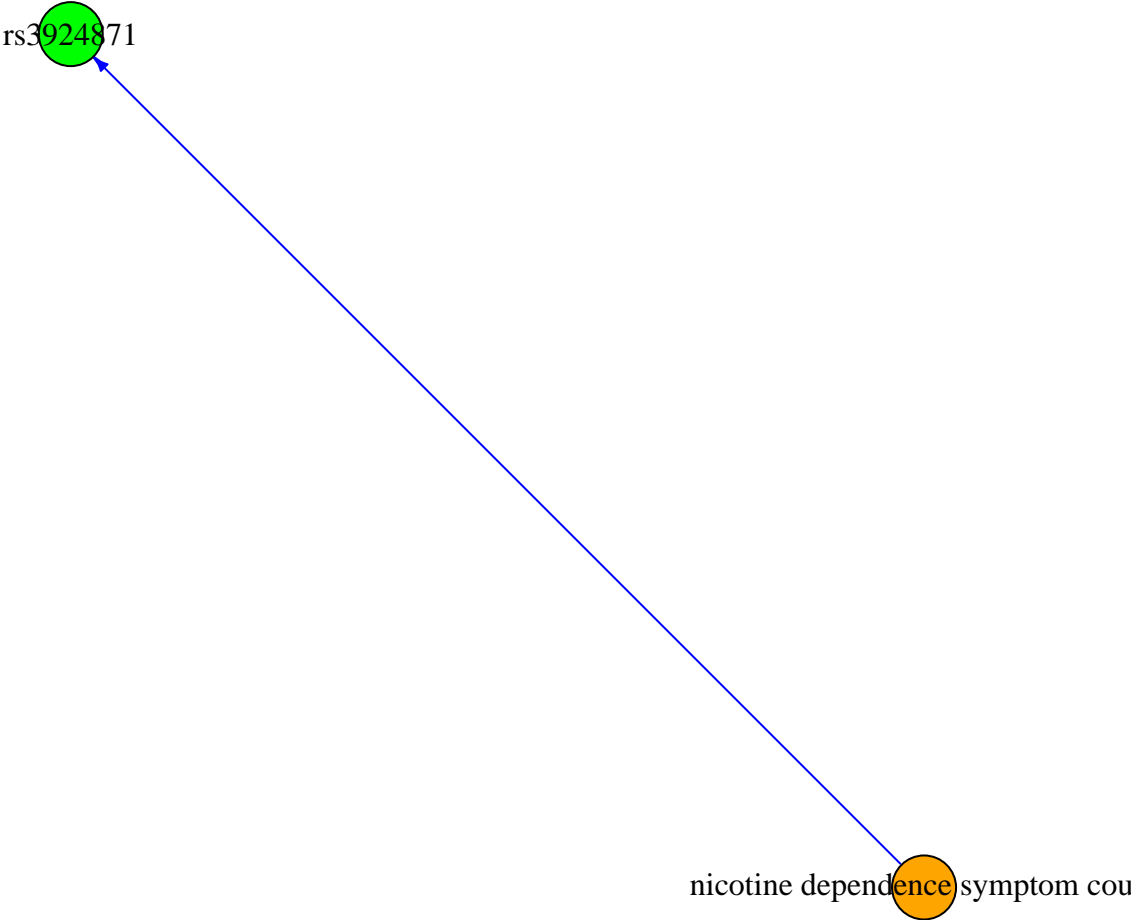
# Variant–Disease Network (response to paliperidone)



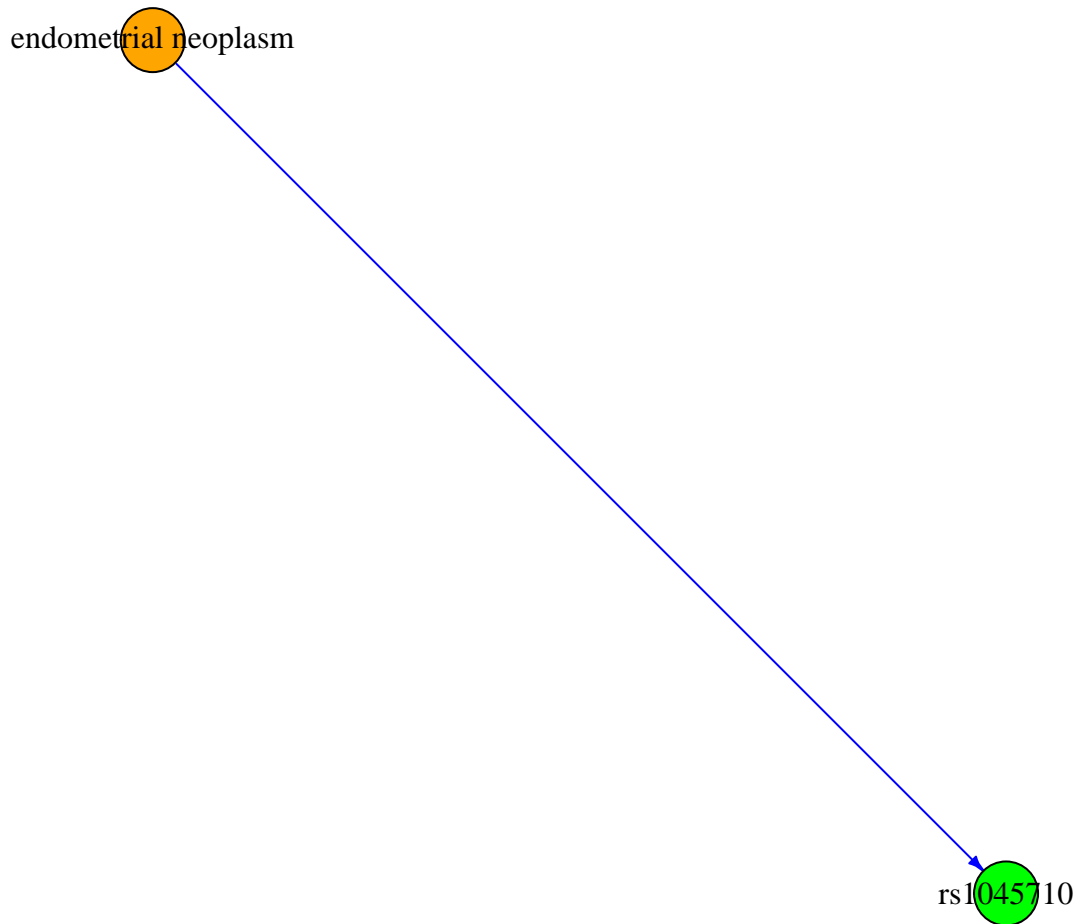
Variant–Disease Network (schizophrenia symptom severity measurement)



Variant–Disease Network (nicotine dependence symptom count)

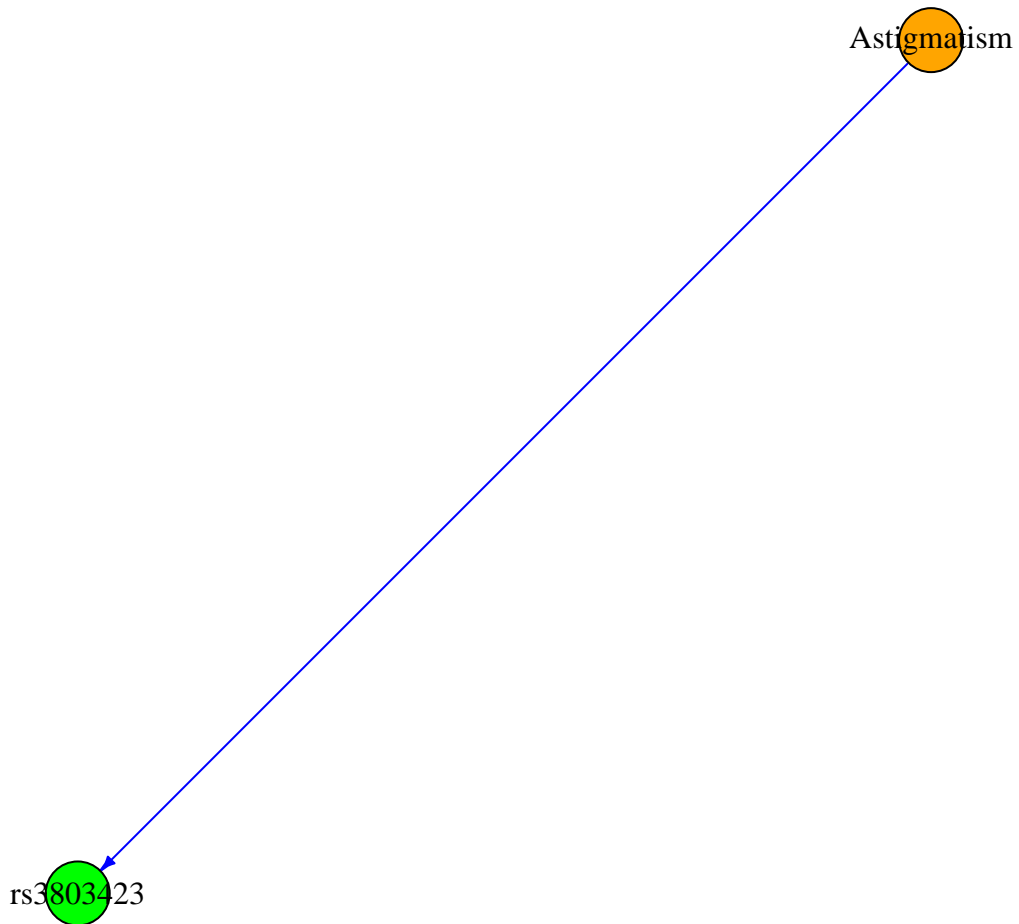


## Variant–Disease Network (endometrial neoplasm)

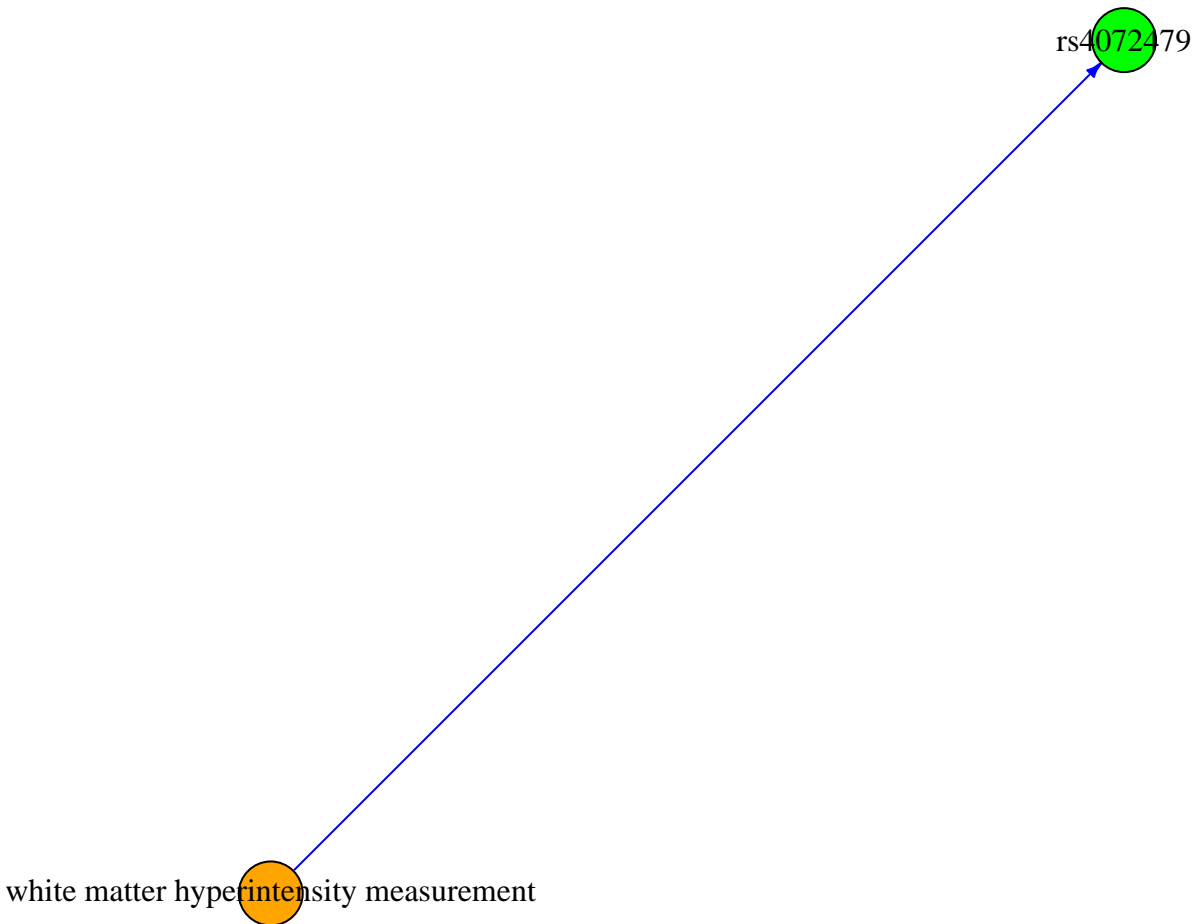




## Variant-Disease Network (Astigmatism)



# Variant–Disease Network (white matter hyperintensity measurement)

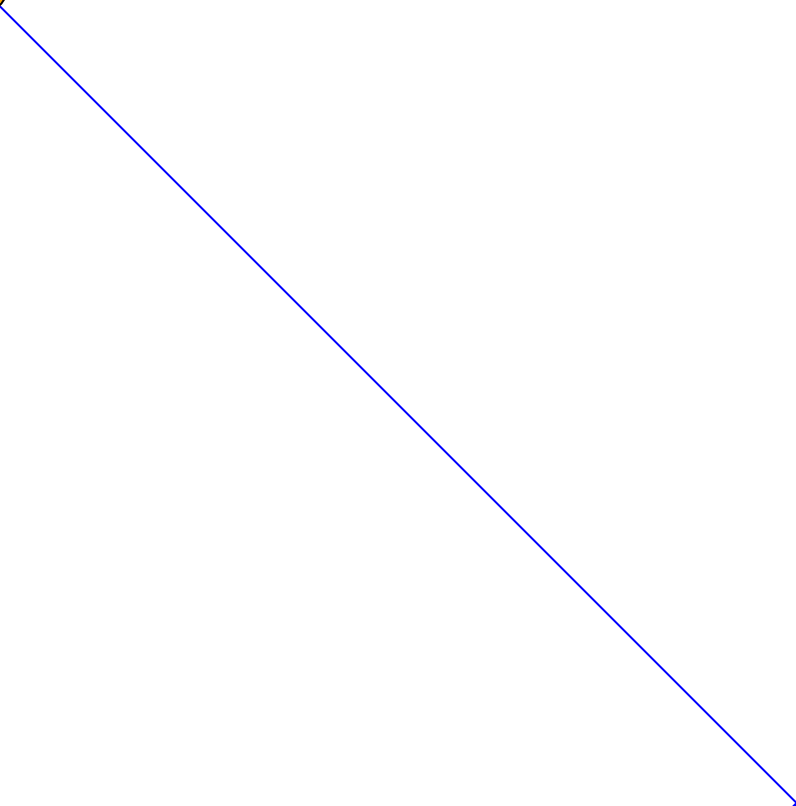


# Variant–Disease Network (red blood cell distribution width)

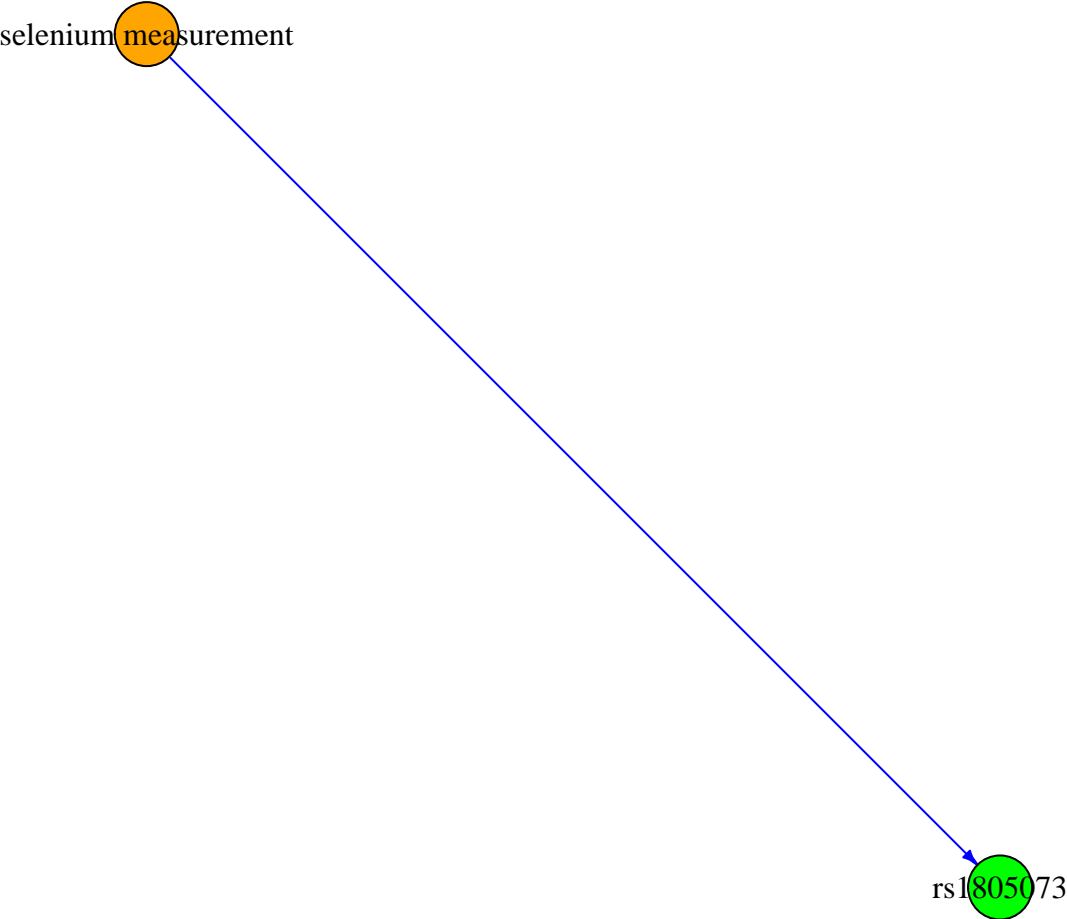
red blood cell distribution width



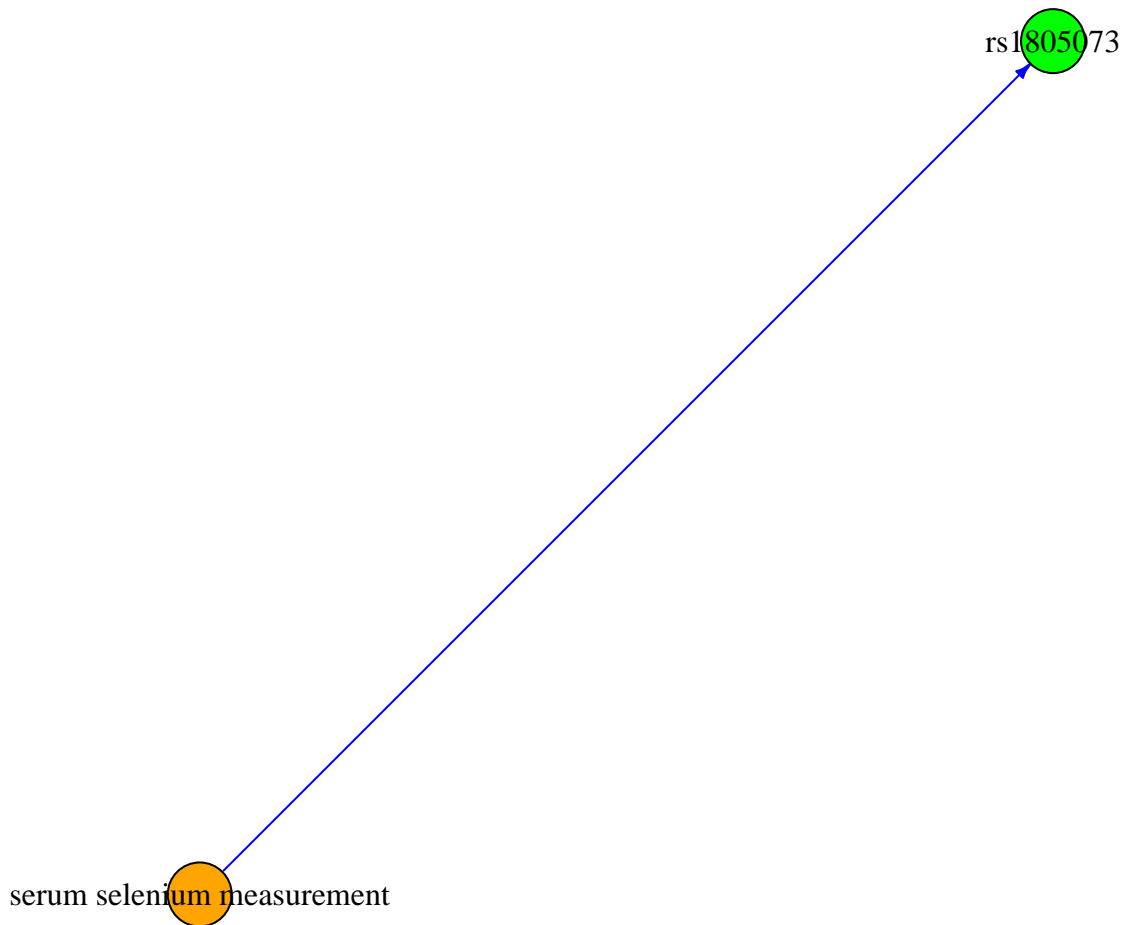
rs2242345



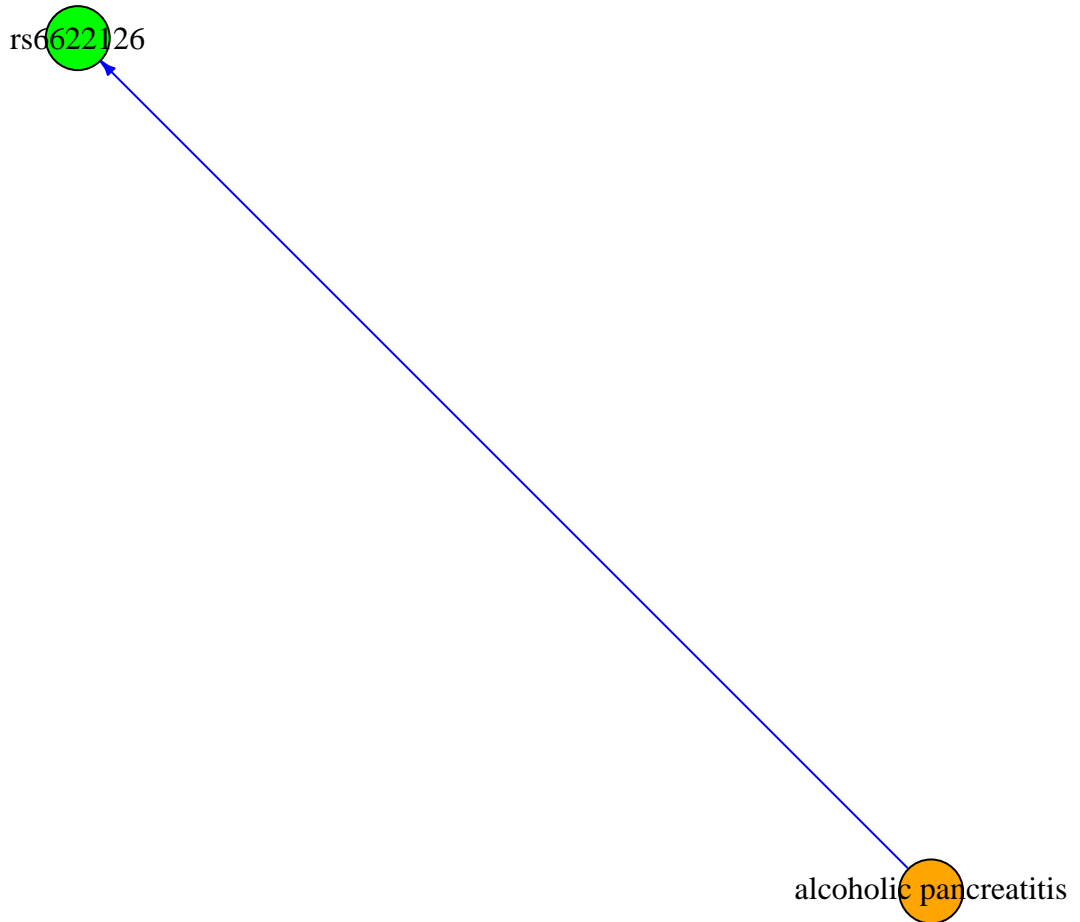
**Variant–Disease Network (selenium measurement)**



## Variant–Disease Network (serum selenium measurement)



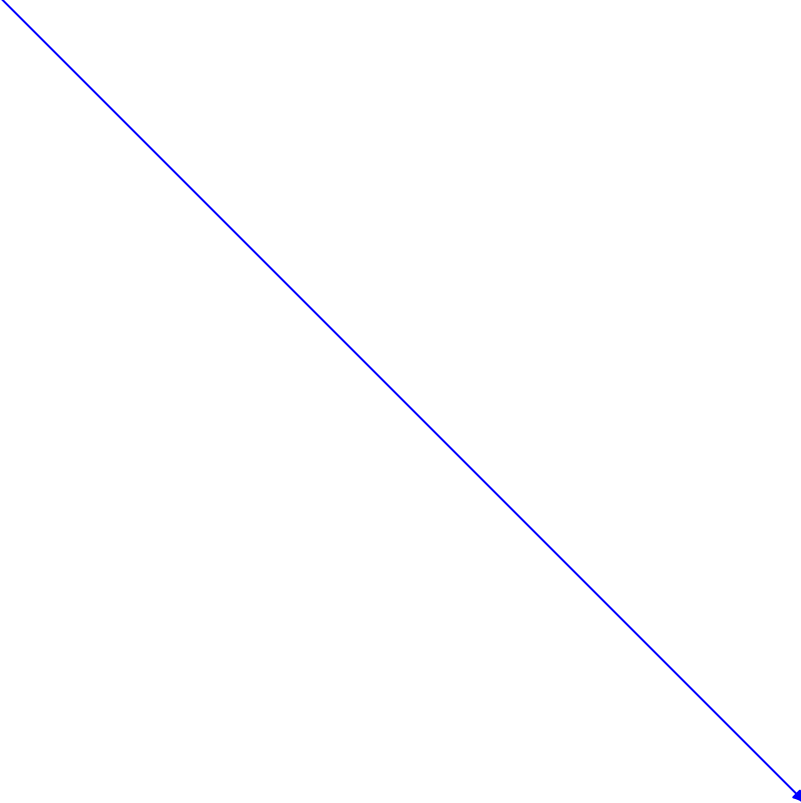
## Variant–Disease Network (alcoholic pancreatitis)



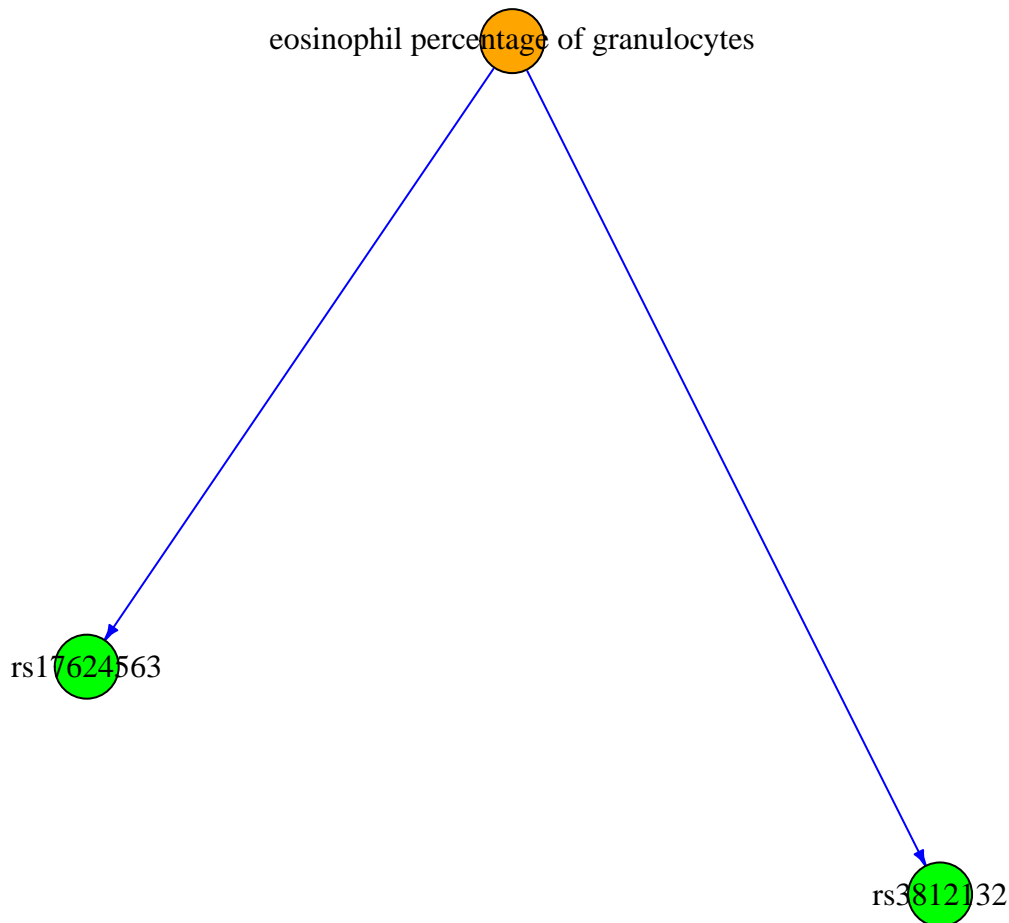
## Variant-Disease Network (QRS complex)

QRS complex

rs3744903

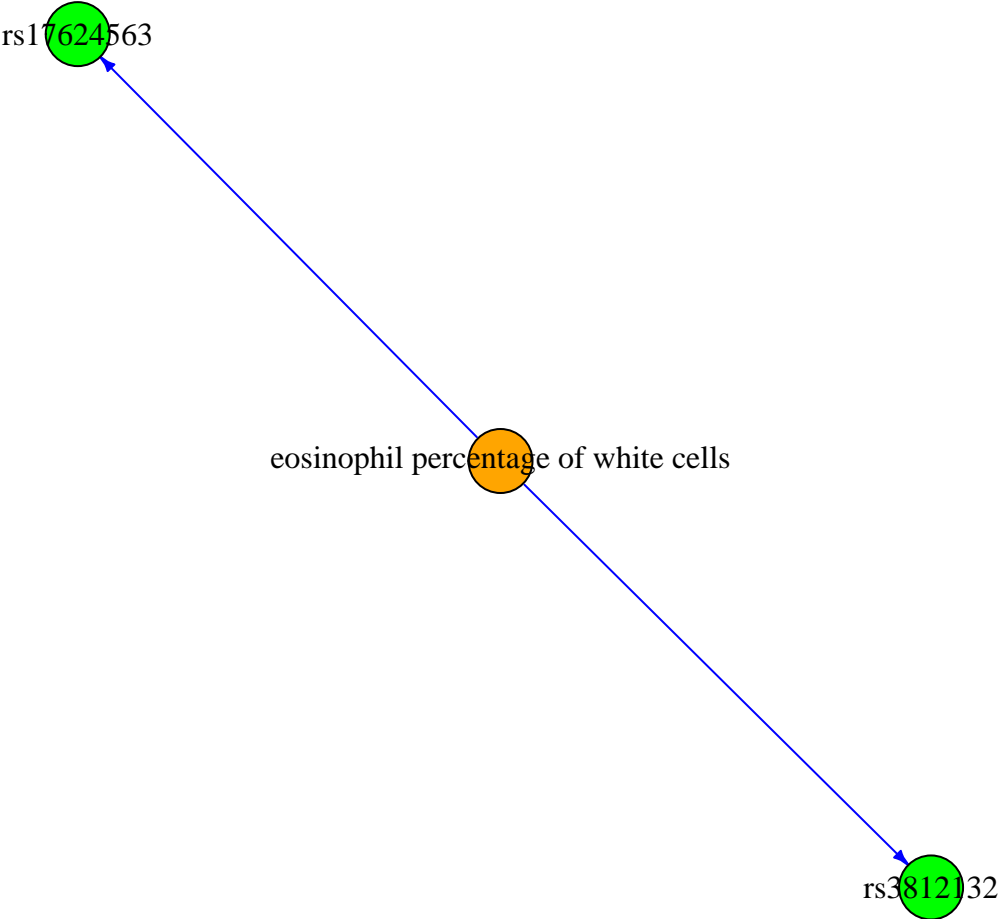


# Variant–Disease Network (eosinophil percentage of granulocytes)

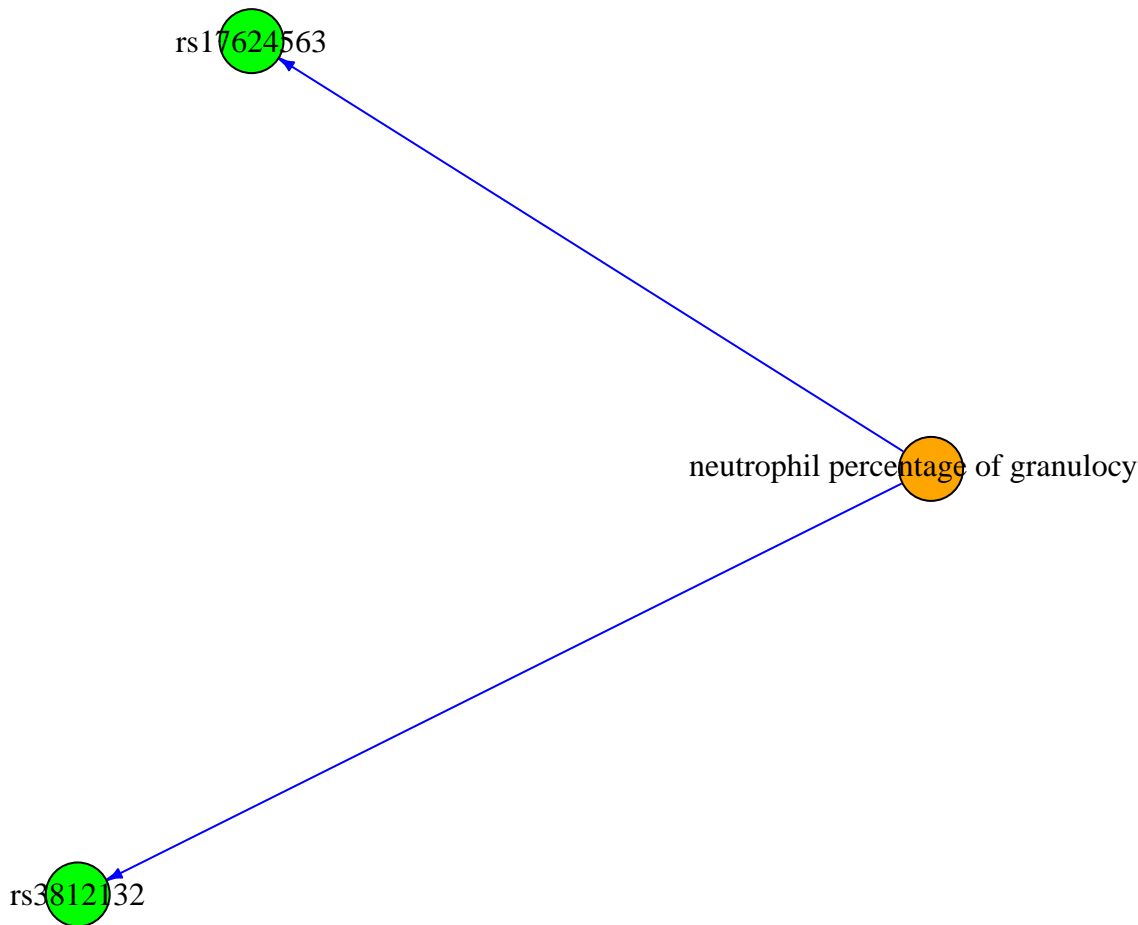




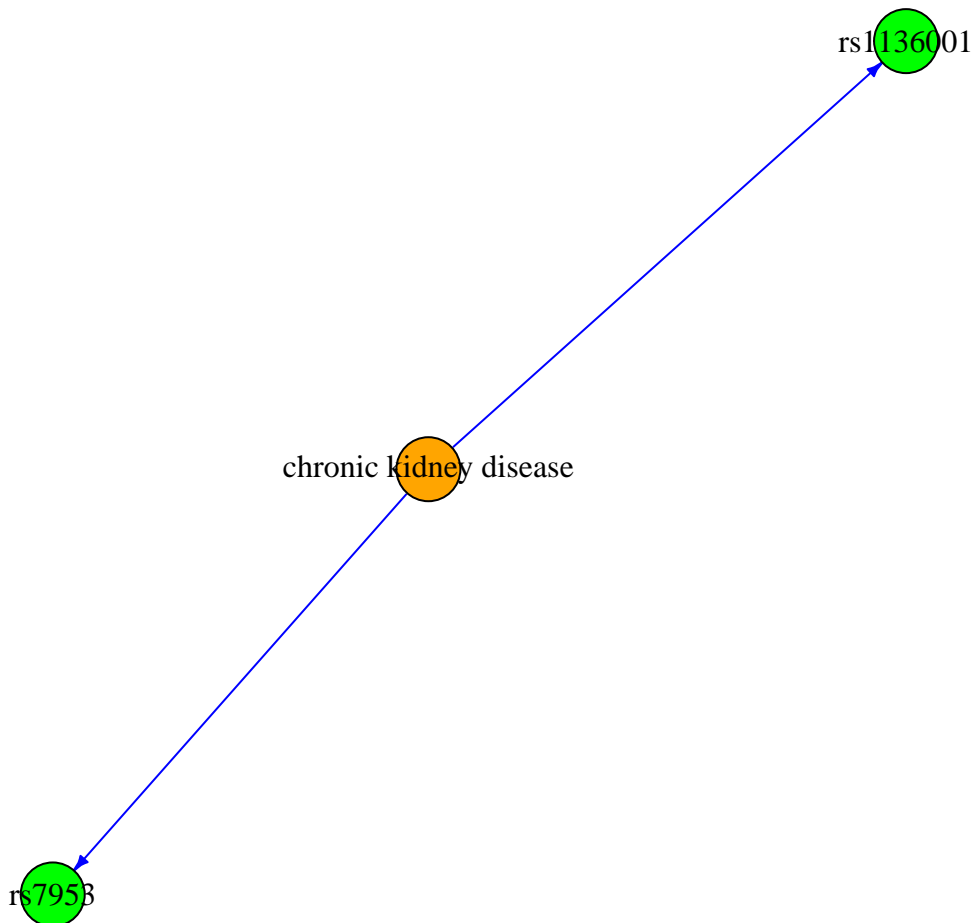
Variant–Disease Network (eosinophil percentage of white cells)



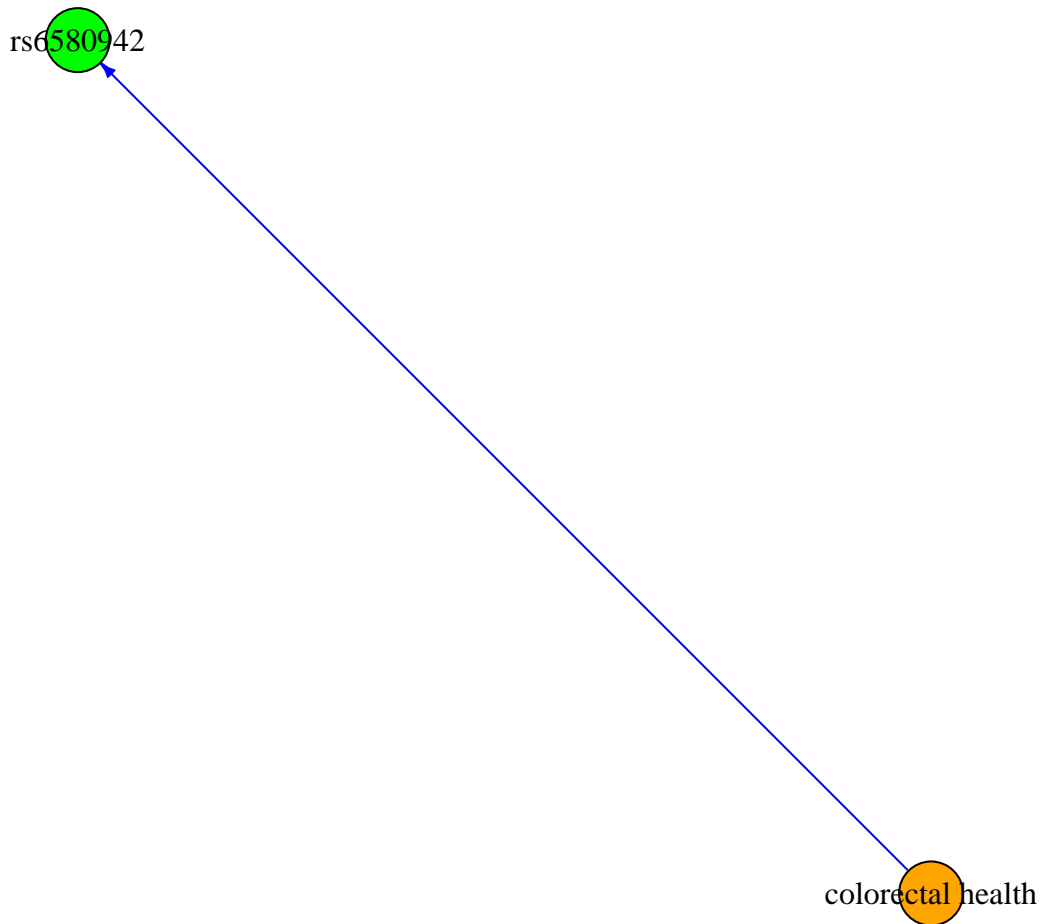
# Variant–Disease Network (neutrophil percentage of granulocytes)



## Variant–Disease Network (chronic kidney disease)



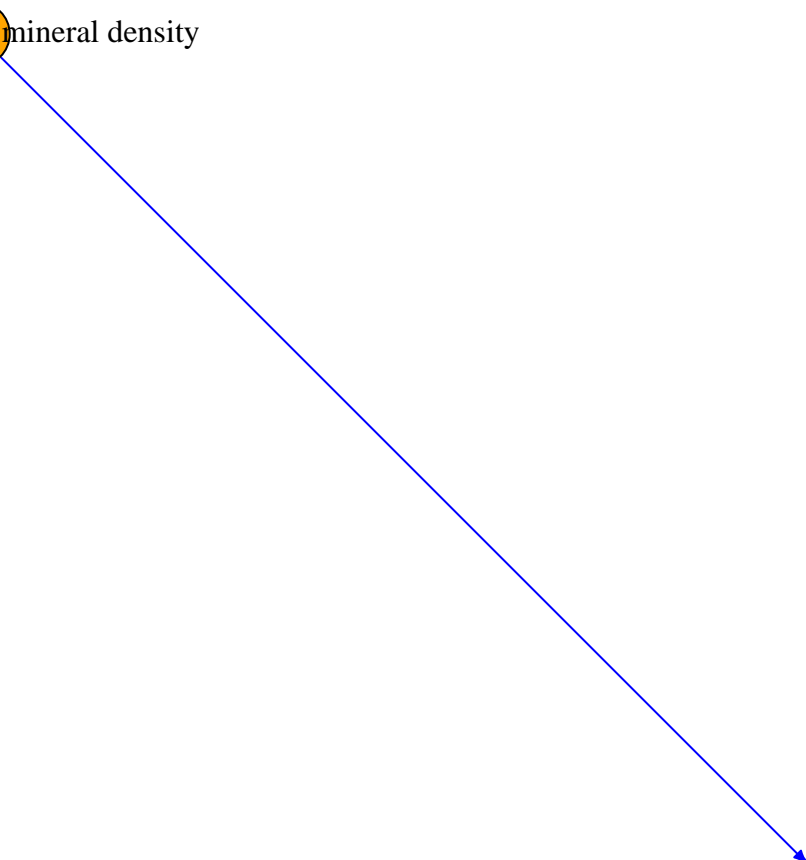
## Variant–Disease Network (colorectal health)



**Variant–Disease Network (femoral neck bone mineral density)**

femoral neck bone mineral density

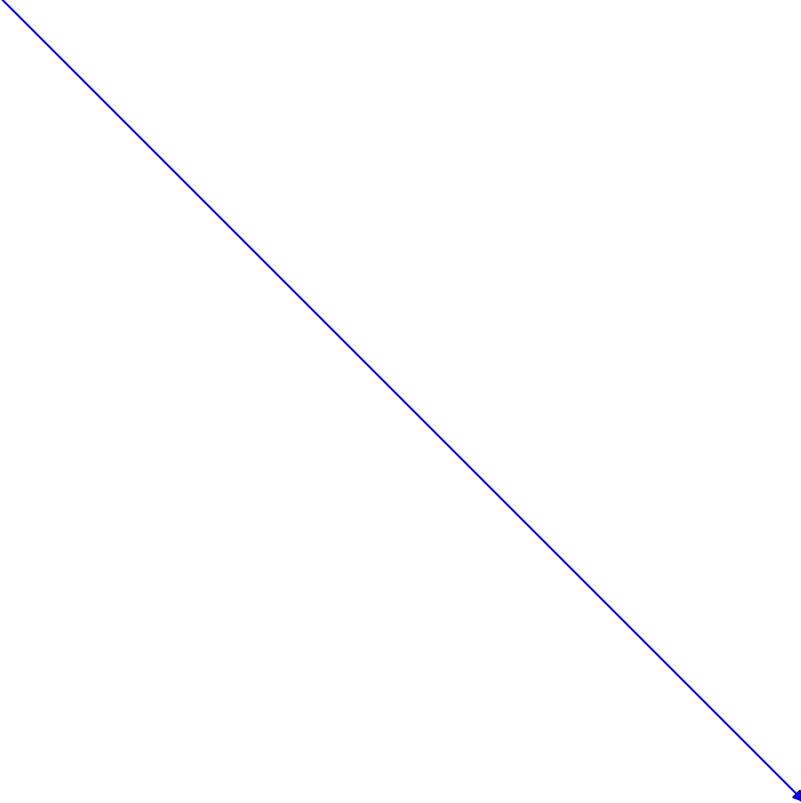
rs6580942



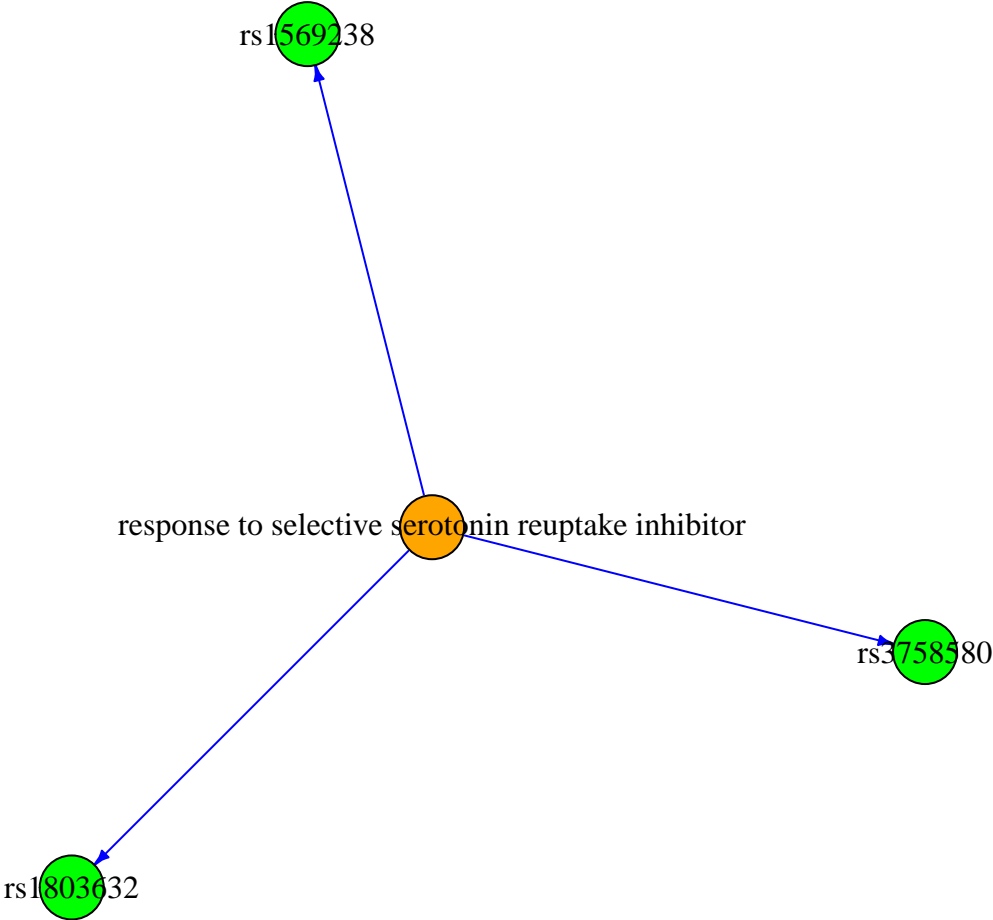
## Variant–Disease Network (spine bone mineral density)

spine bone mineral density

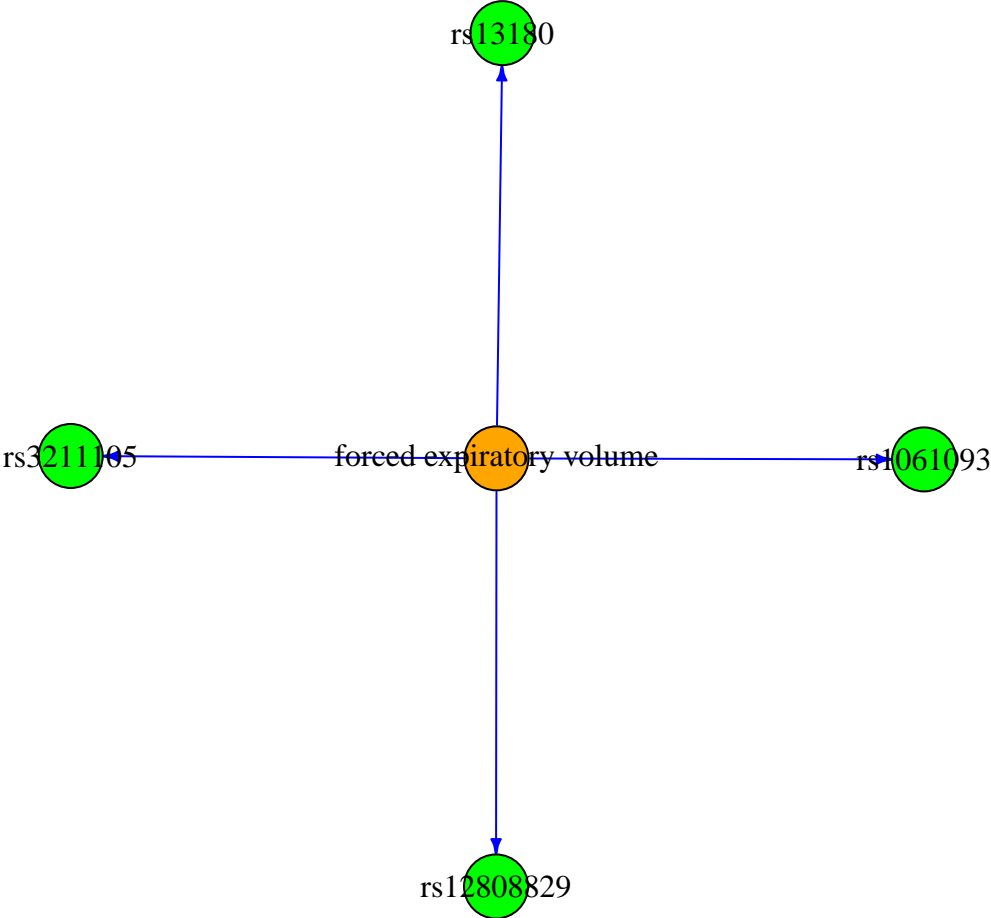
rs6580942



Variant–Disease Network (response to selective serotonin reuptake inhibitor)

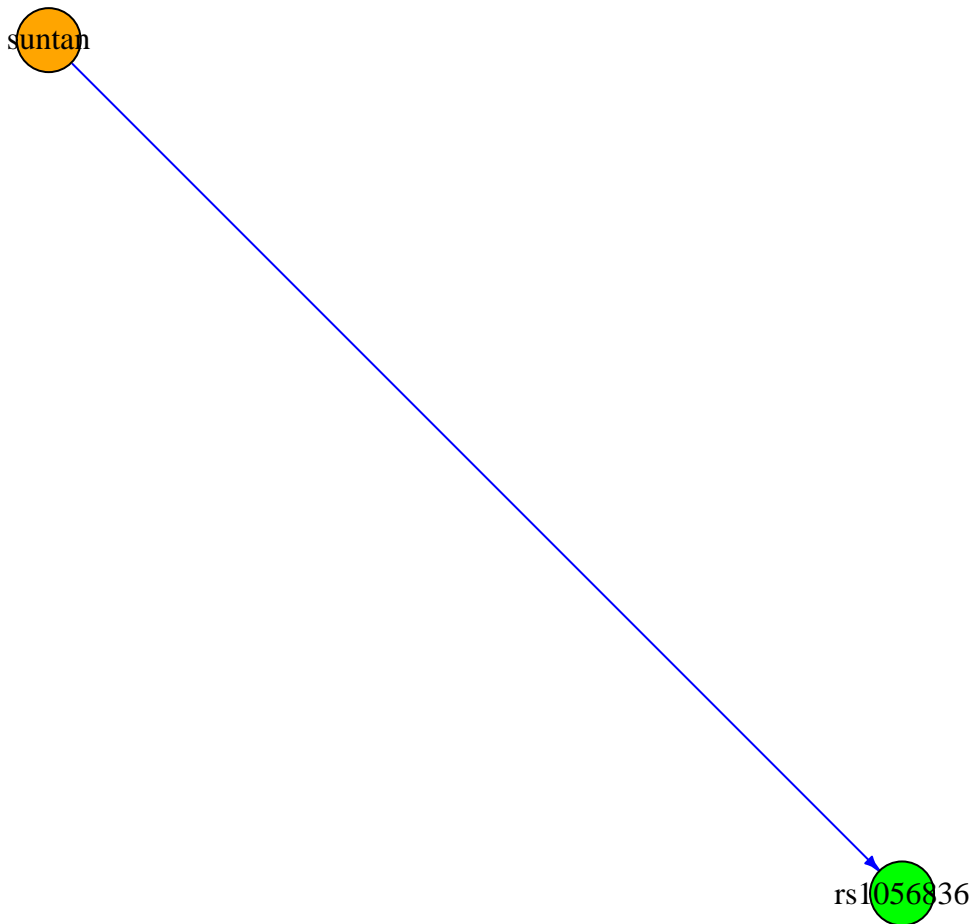


**Variant–Disease Network (forced expiratory volume)**

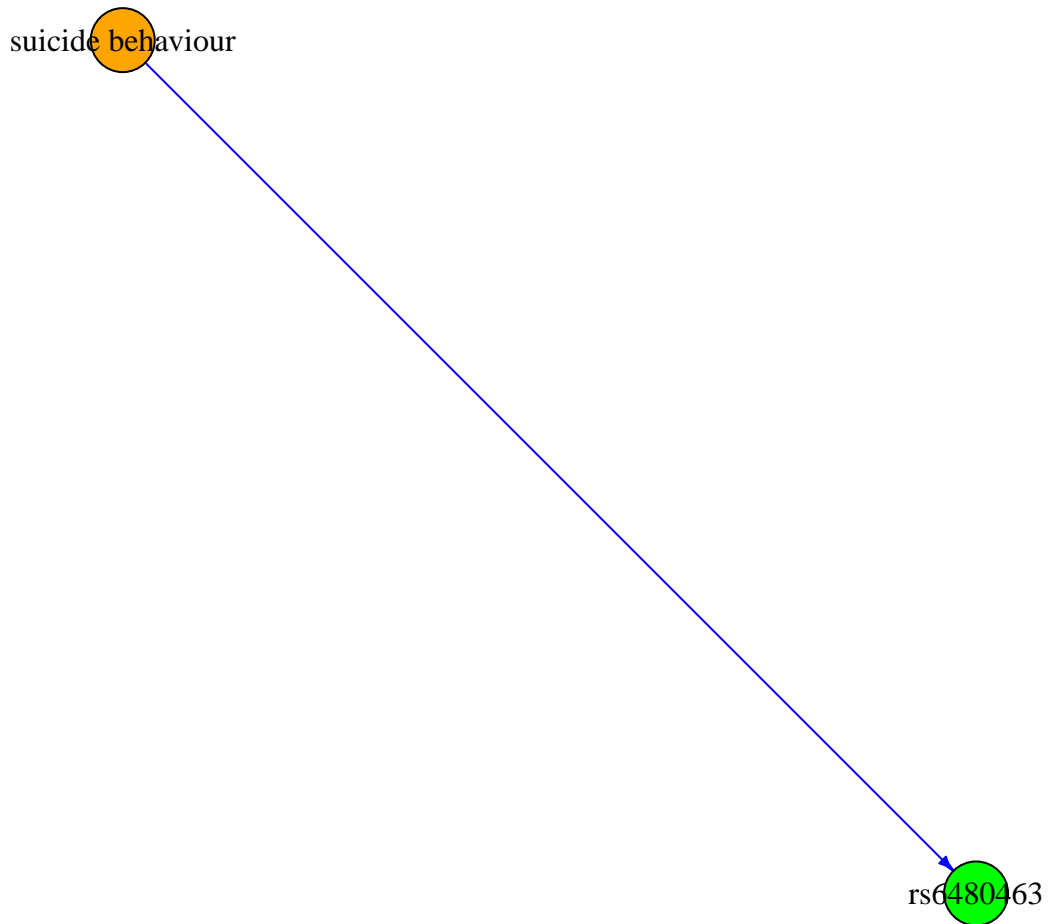




## Variant-Disease Network (suntan)

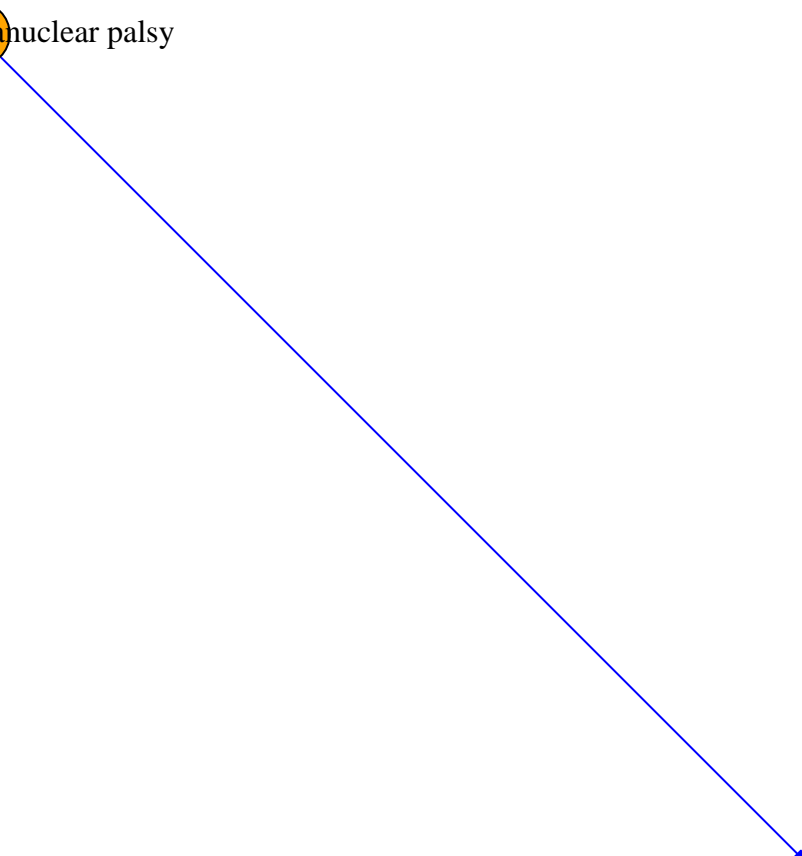


## Variant–Disease Network (suicide behaviour)



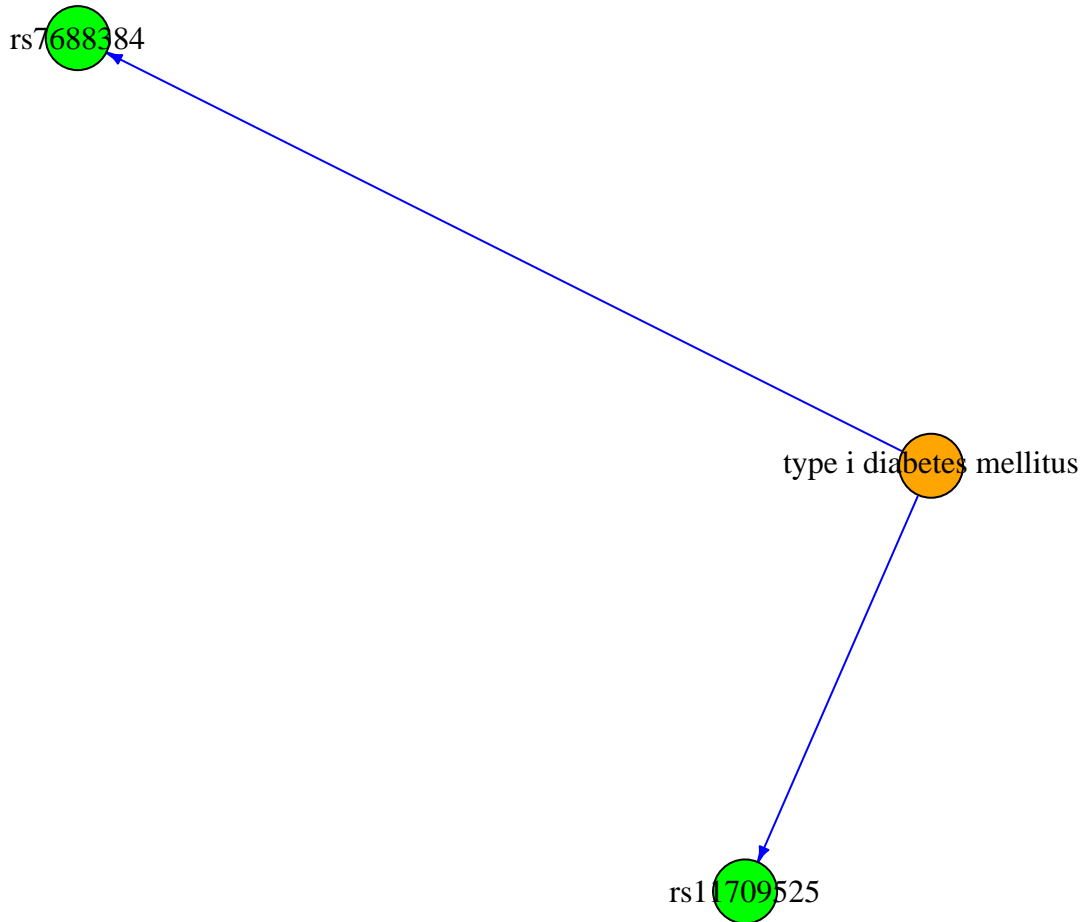
**Variant–Disease Network (progressive supranuclear palsy)**

progressive supranuclear palsy

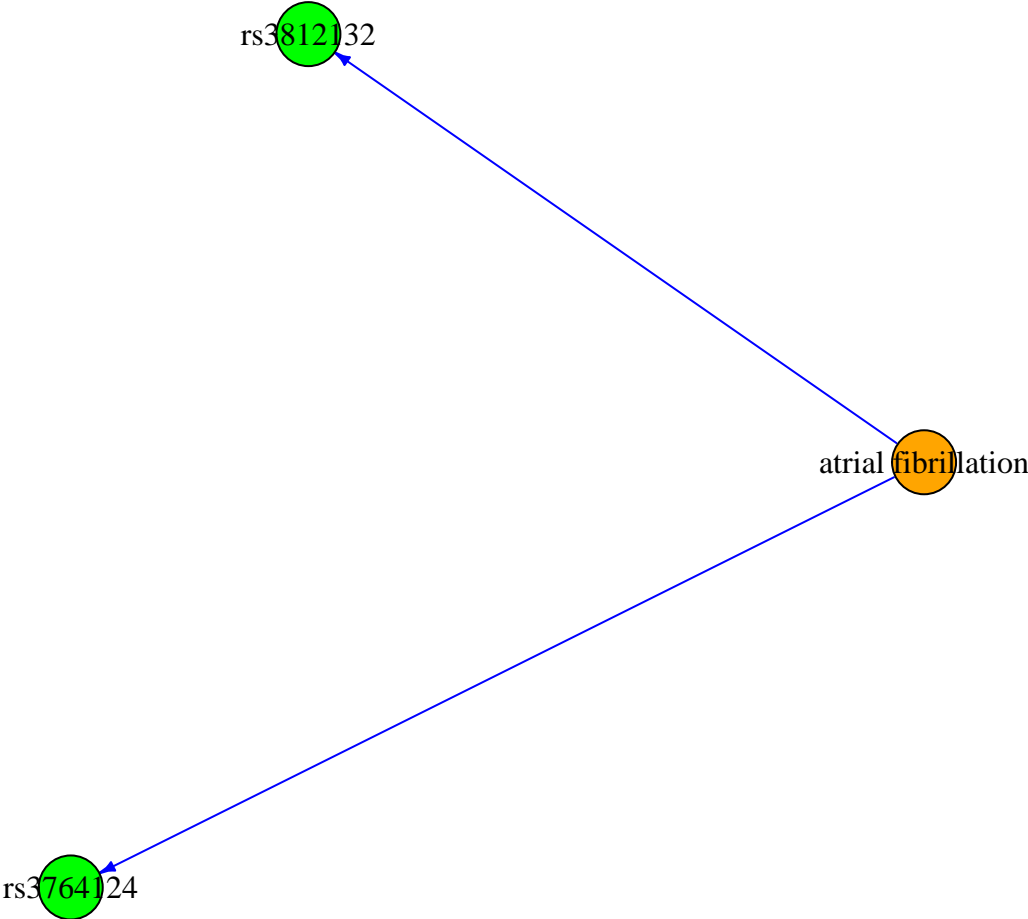


rs7688384

## Variant–Disease Network (type i diabetes mellitus)

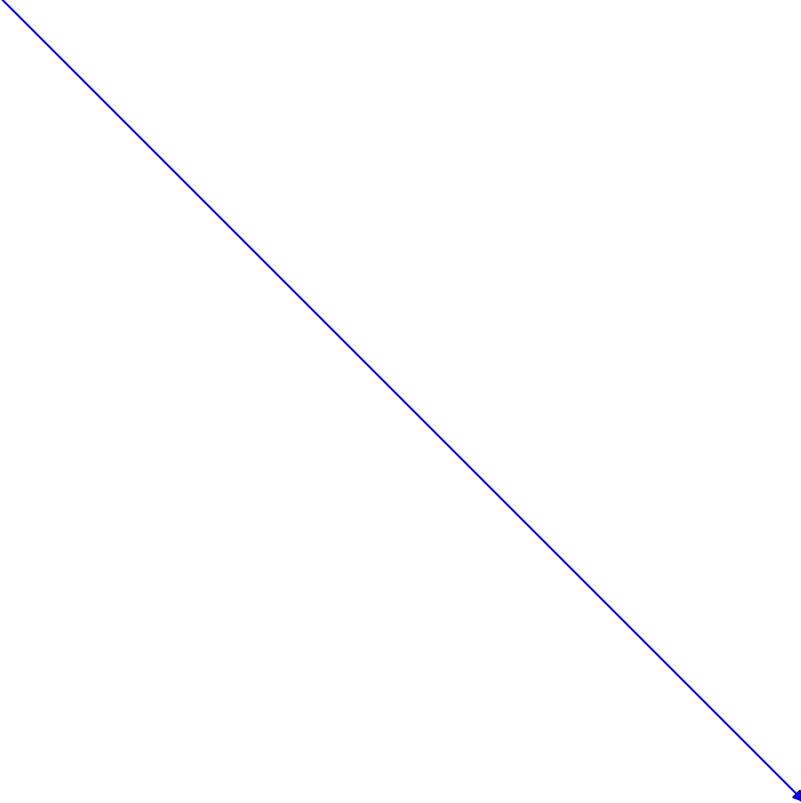


Variant–Disease Network (atrial fibrillation)



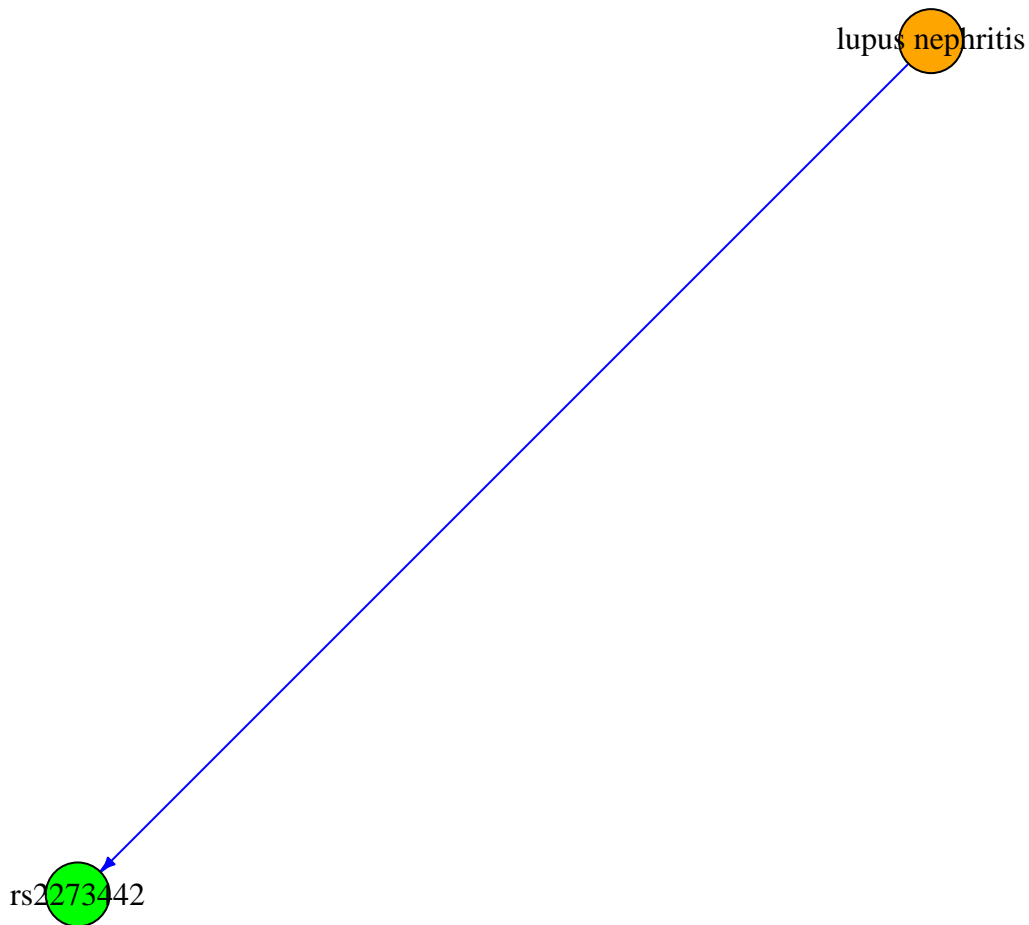
# Disease Network (dual specificity mitogen-activated protein kinase kinase 2 network)

by mitogen-activated protein kinase kinase 2 measurement

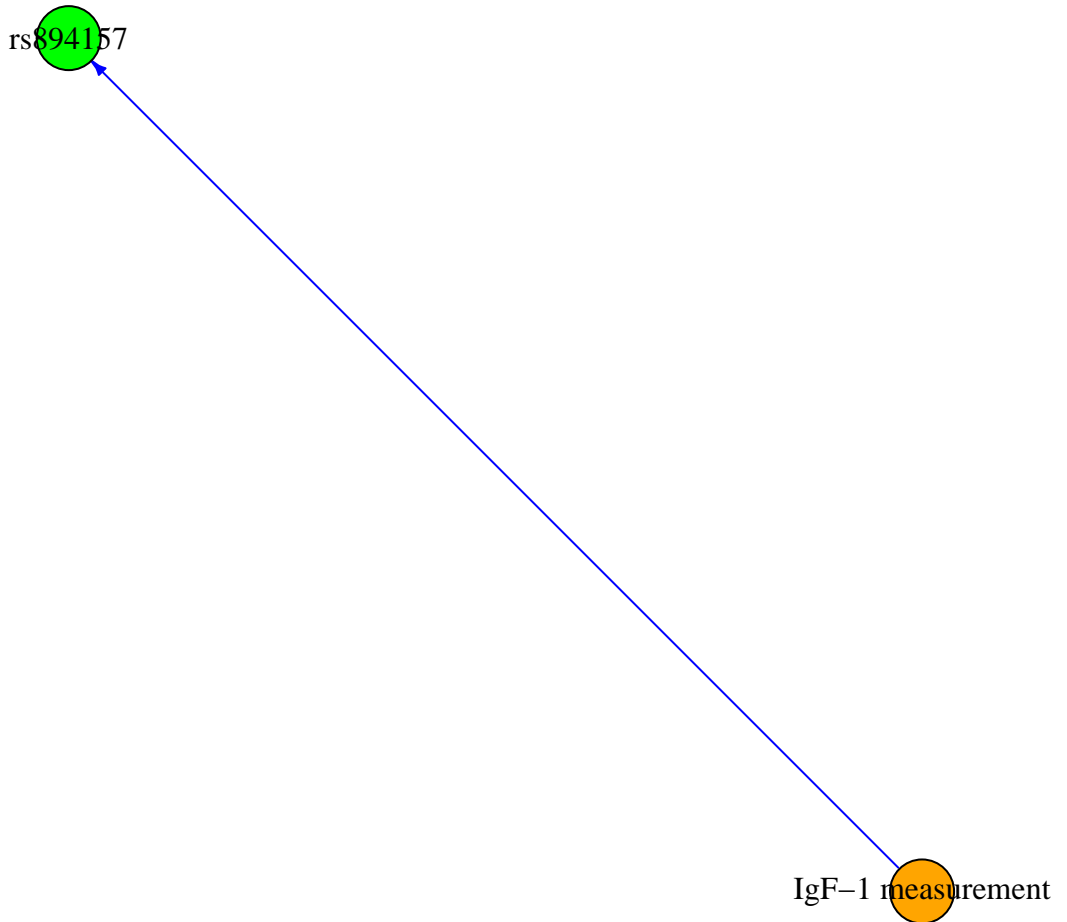


rs3764124

## Variant–Disease Network (lupus nephritis)

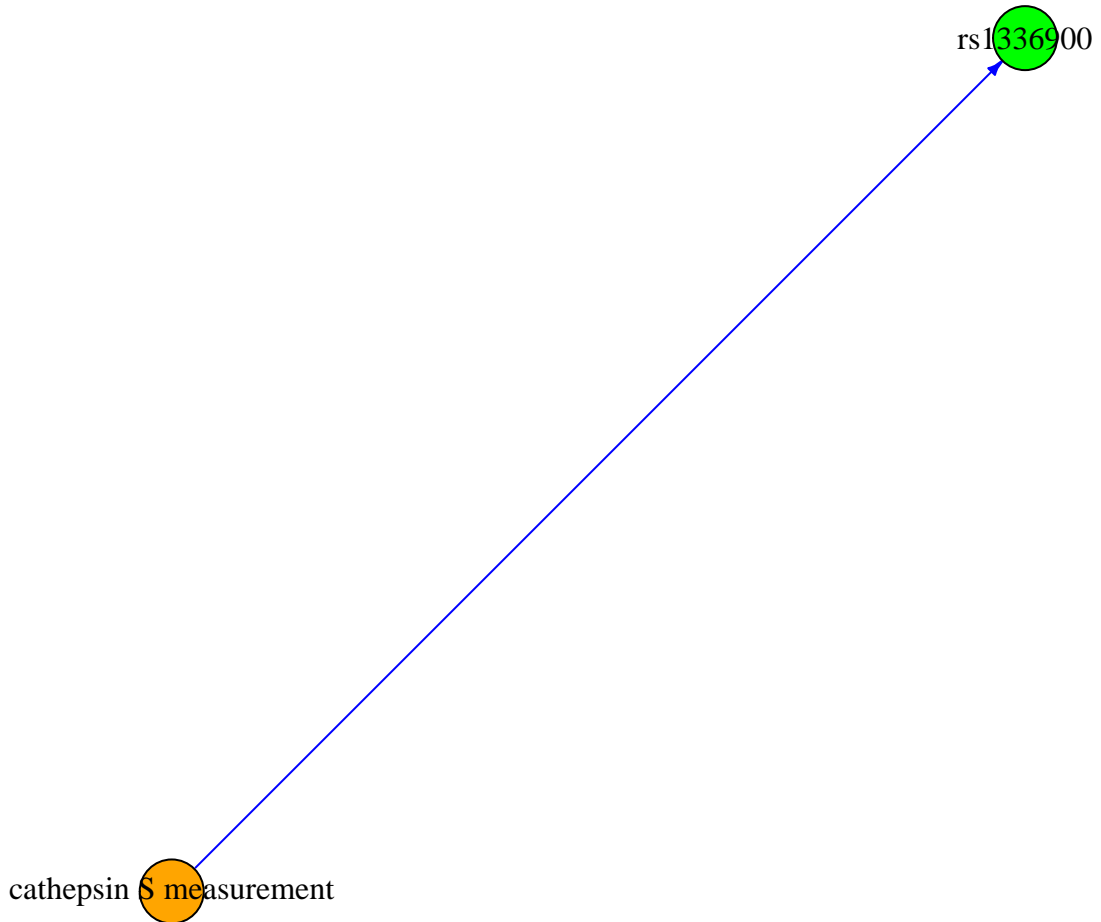


## Variant–Disease Network (IgF–1 measurement)

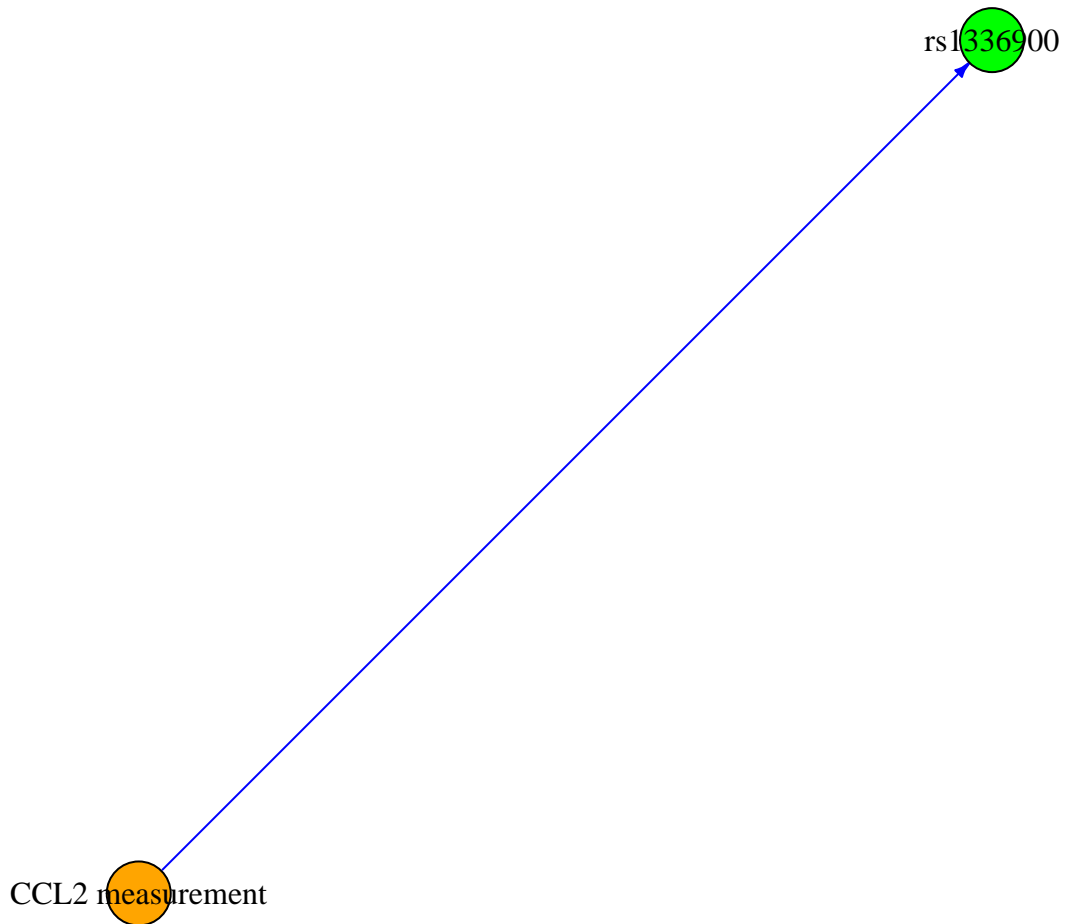




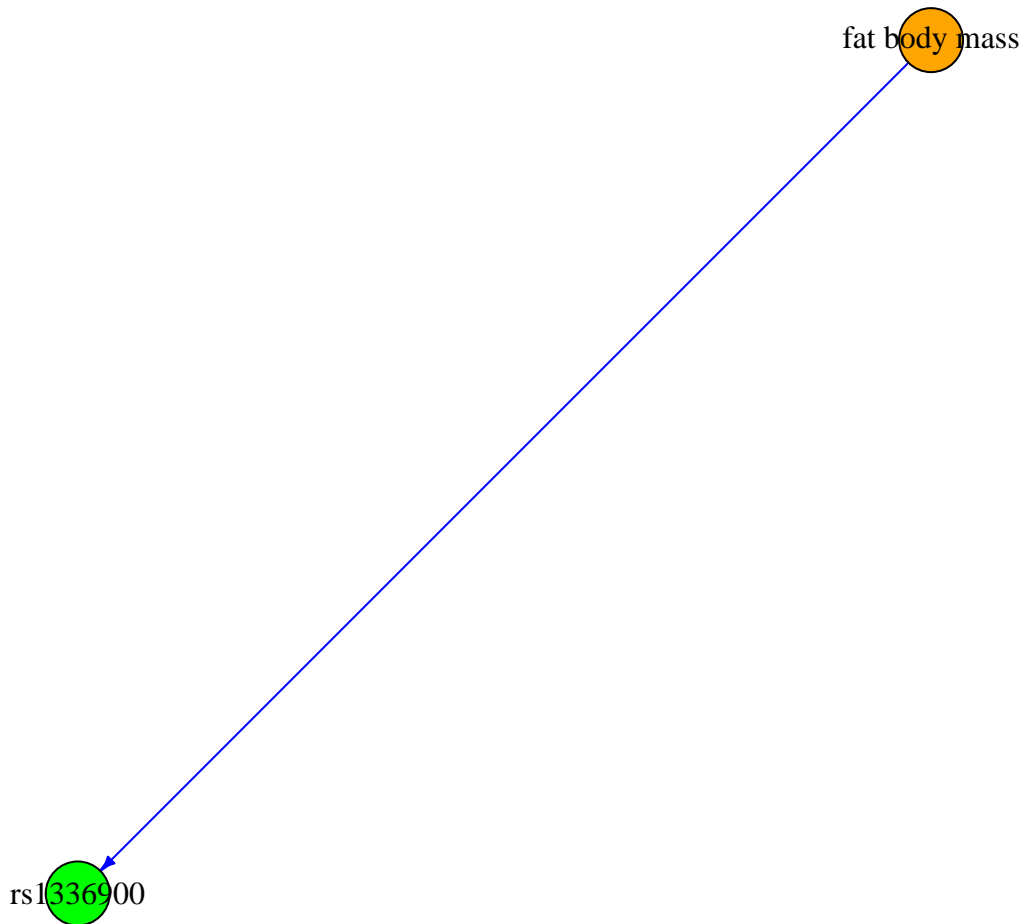
## Variant–Disease Network (cathepsin S measurement)



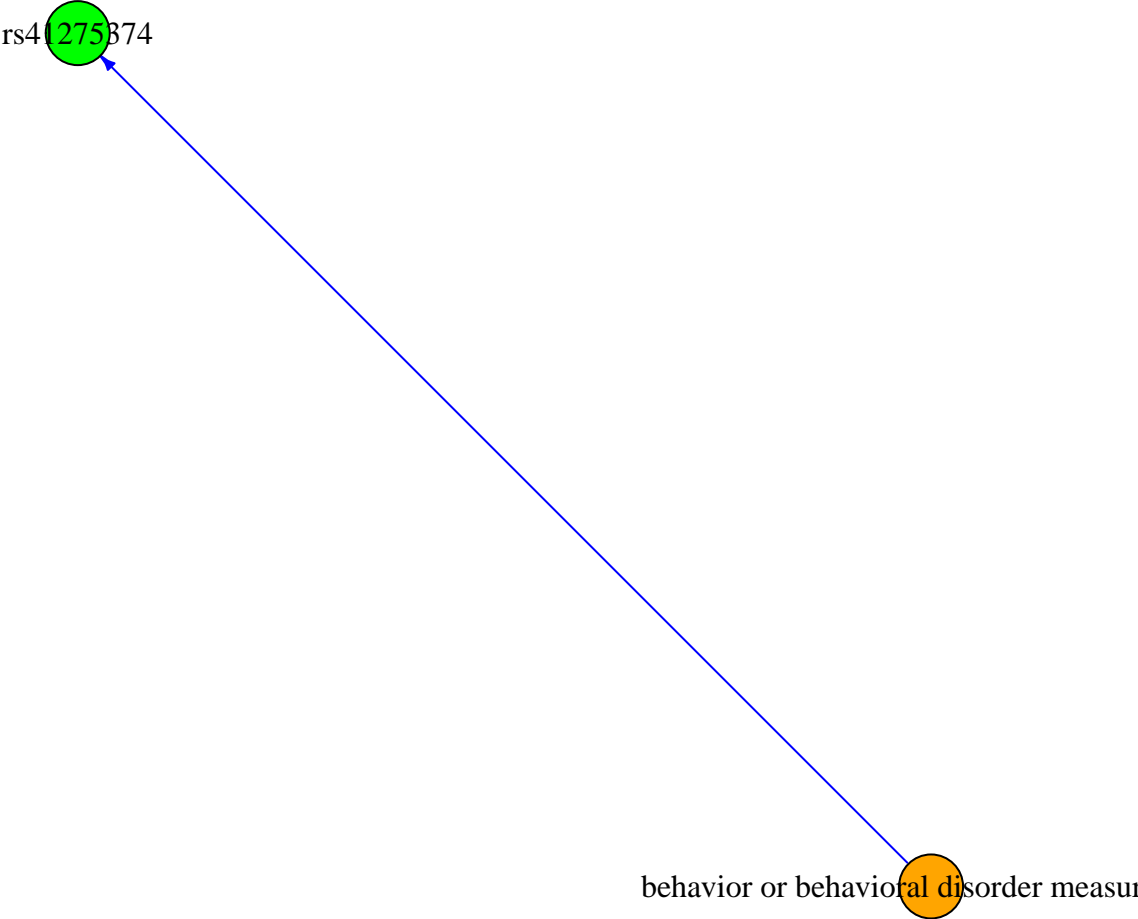
## Variant–Disease Network (CCL2 measurement)



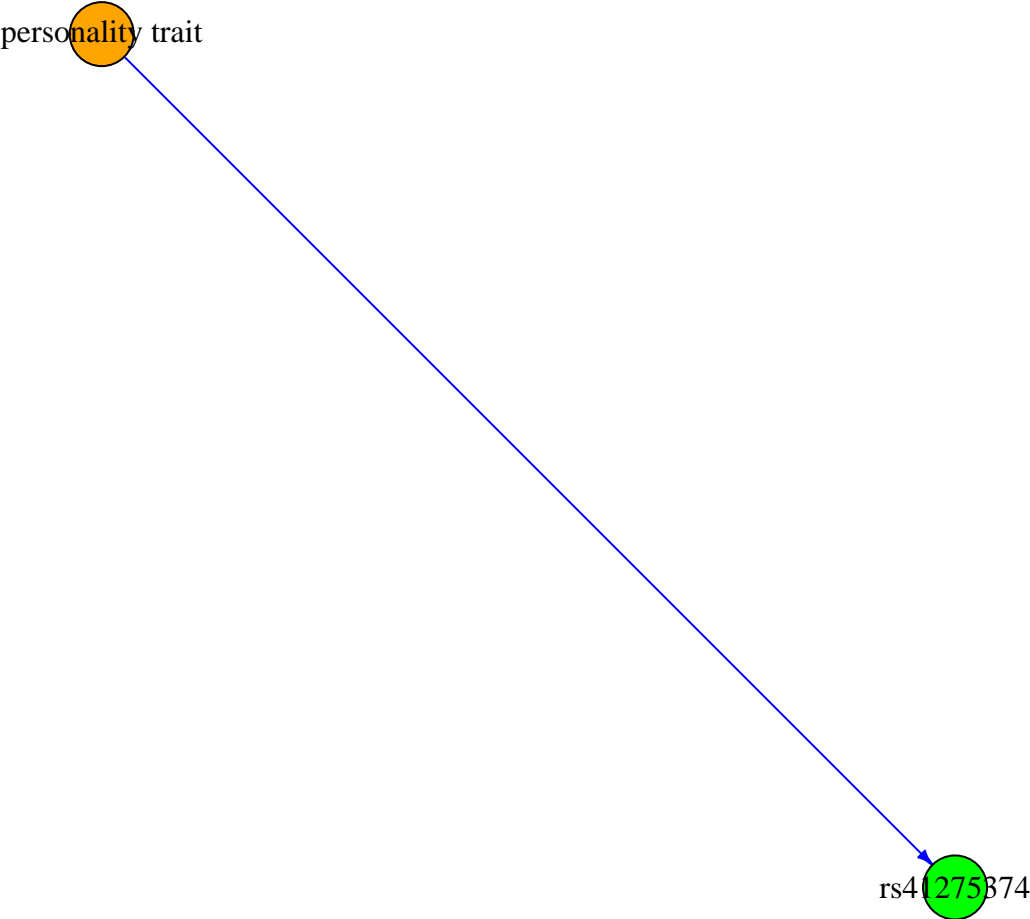
## Variant–Disease Network (fat body mass)



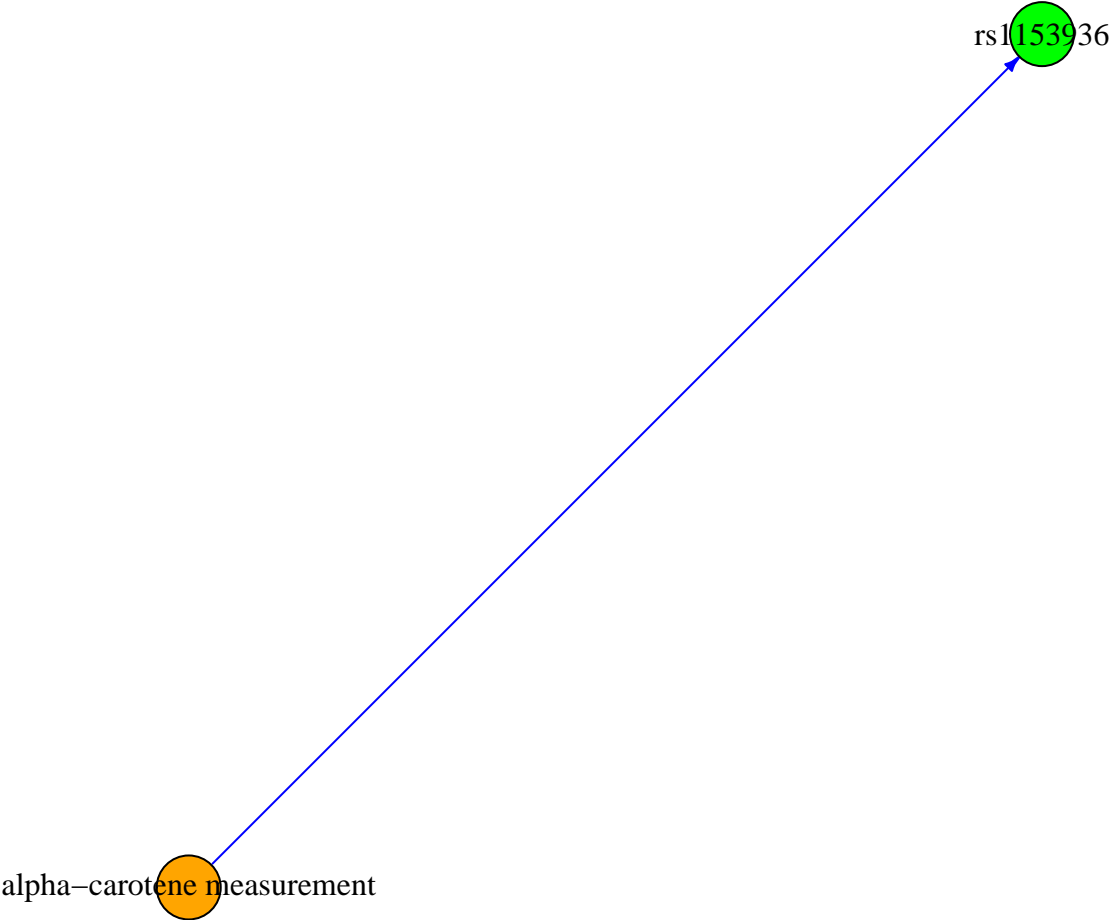
Variant–Disease Network (behavior or behavioral disorder measurement



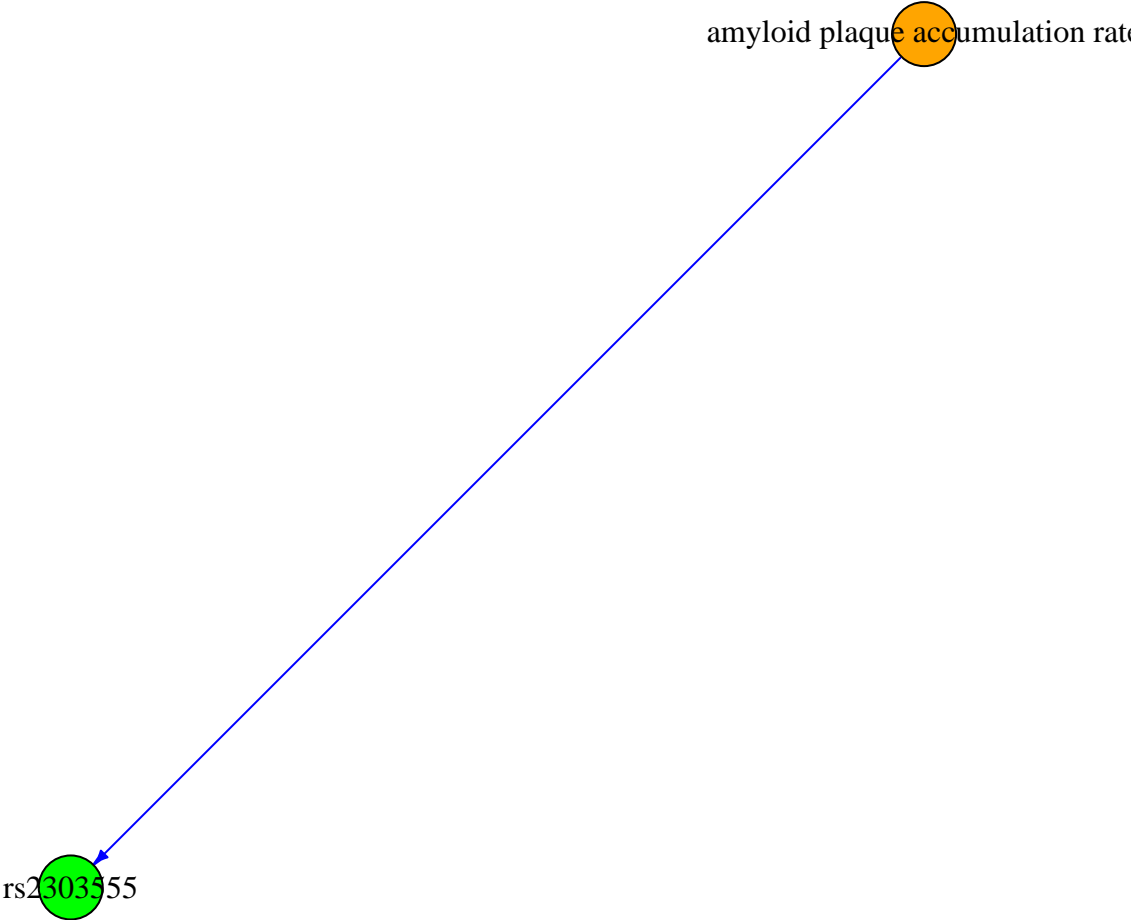
Variant–Disease Network (personality trait)



**Variant–Disease Network (alpha-carotene measurement)**



**Variant–Disease Network (amyloid plaque accumulation rate)**

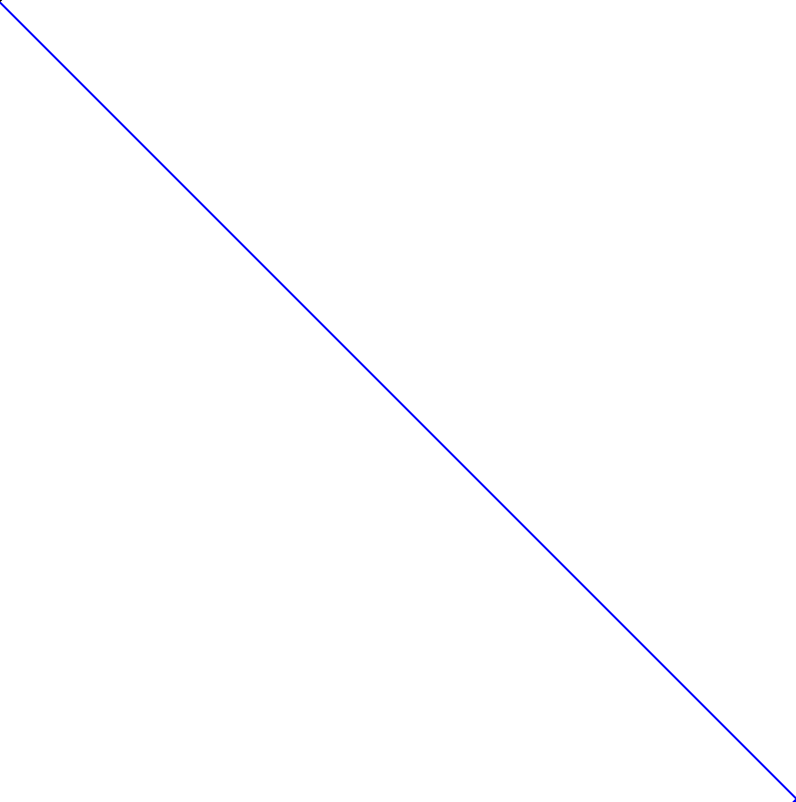


## Variant–Disease Network (maximal midexpiratory flow rate)

maximal midexpiratory flow rate

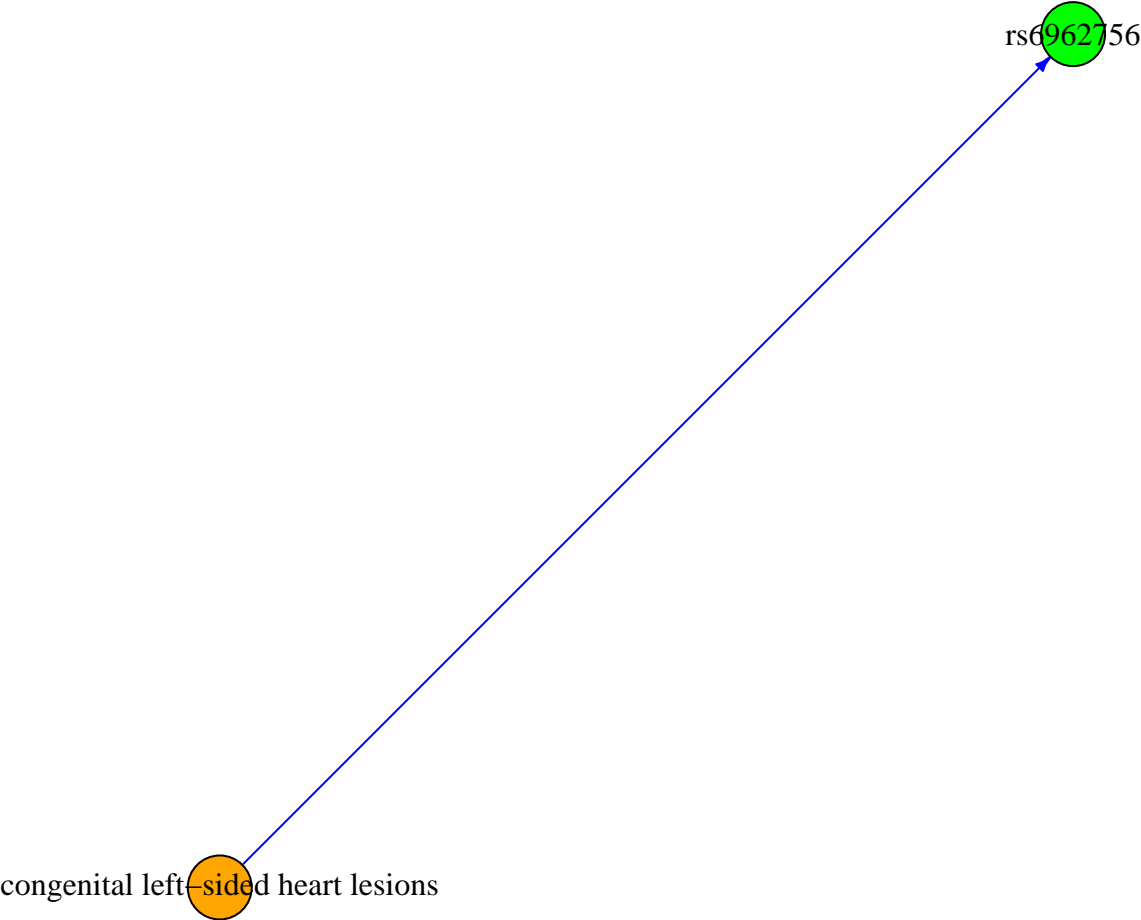


rs2903250

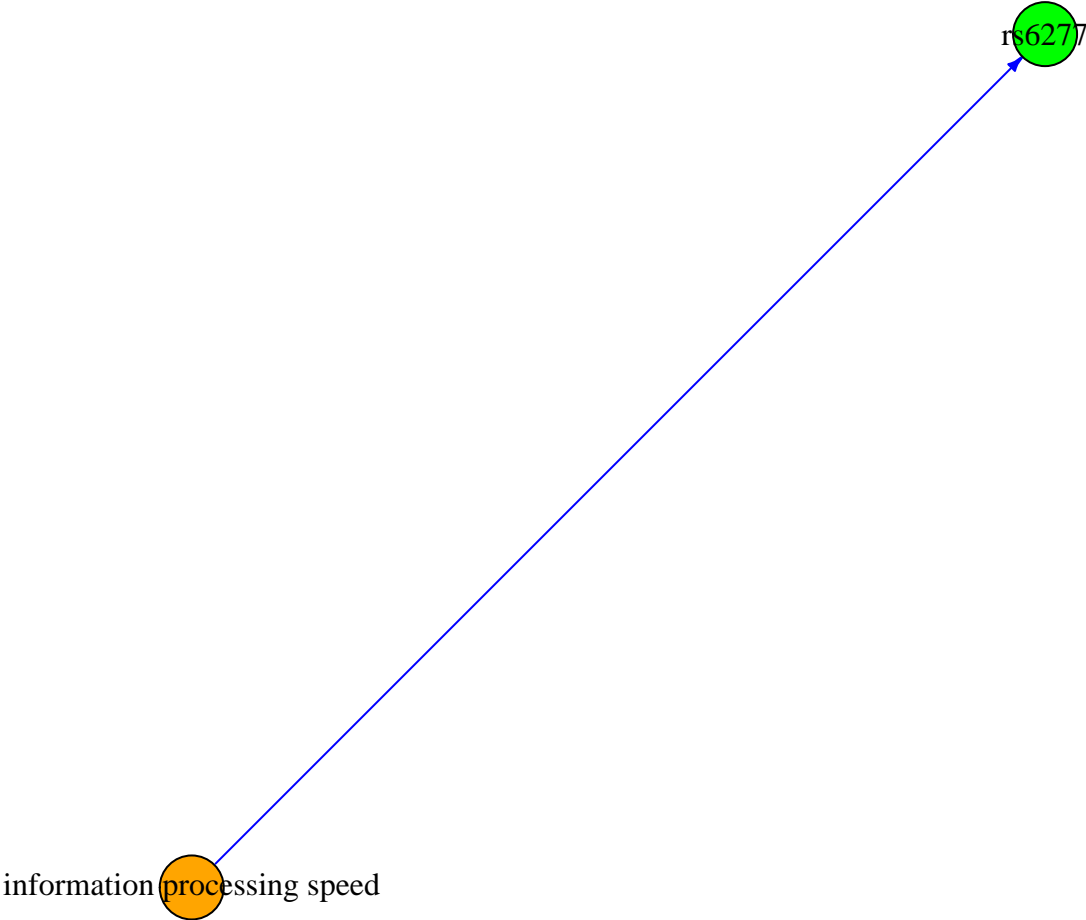




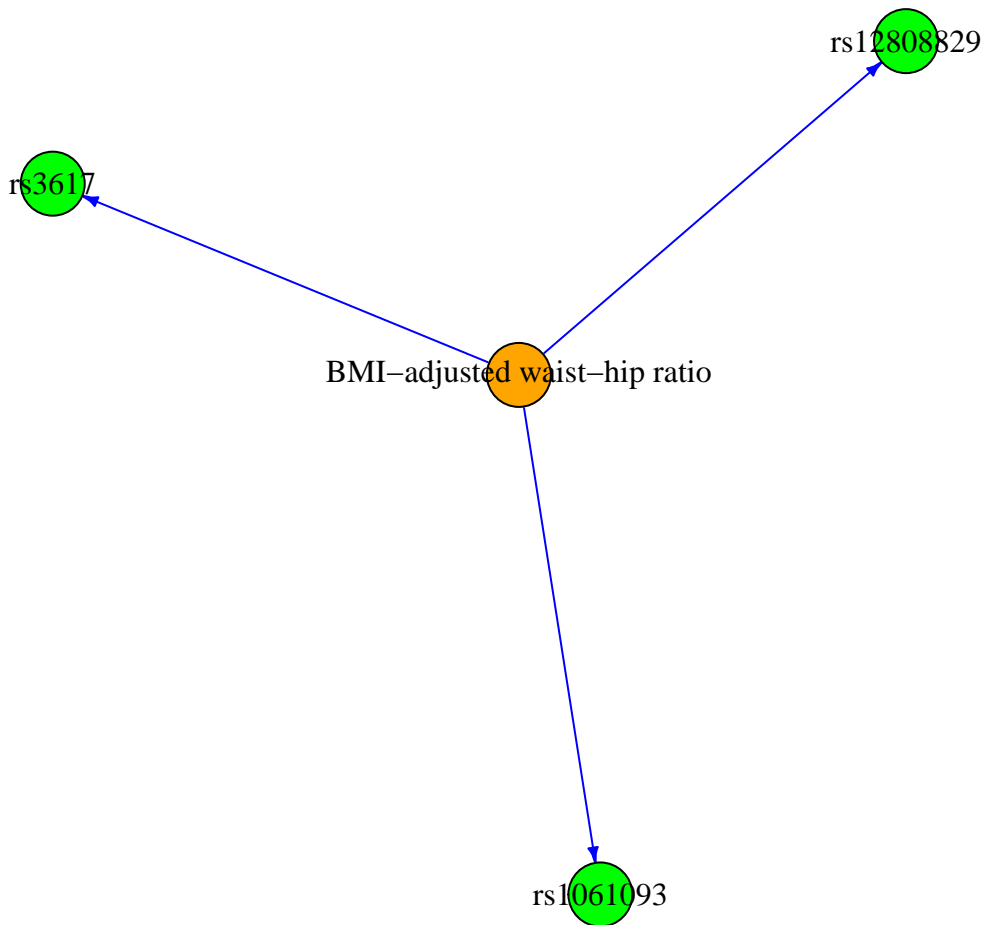
Variant–Disease Network (congenital left–sided heart lesions)



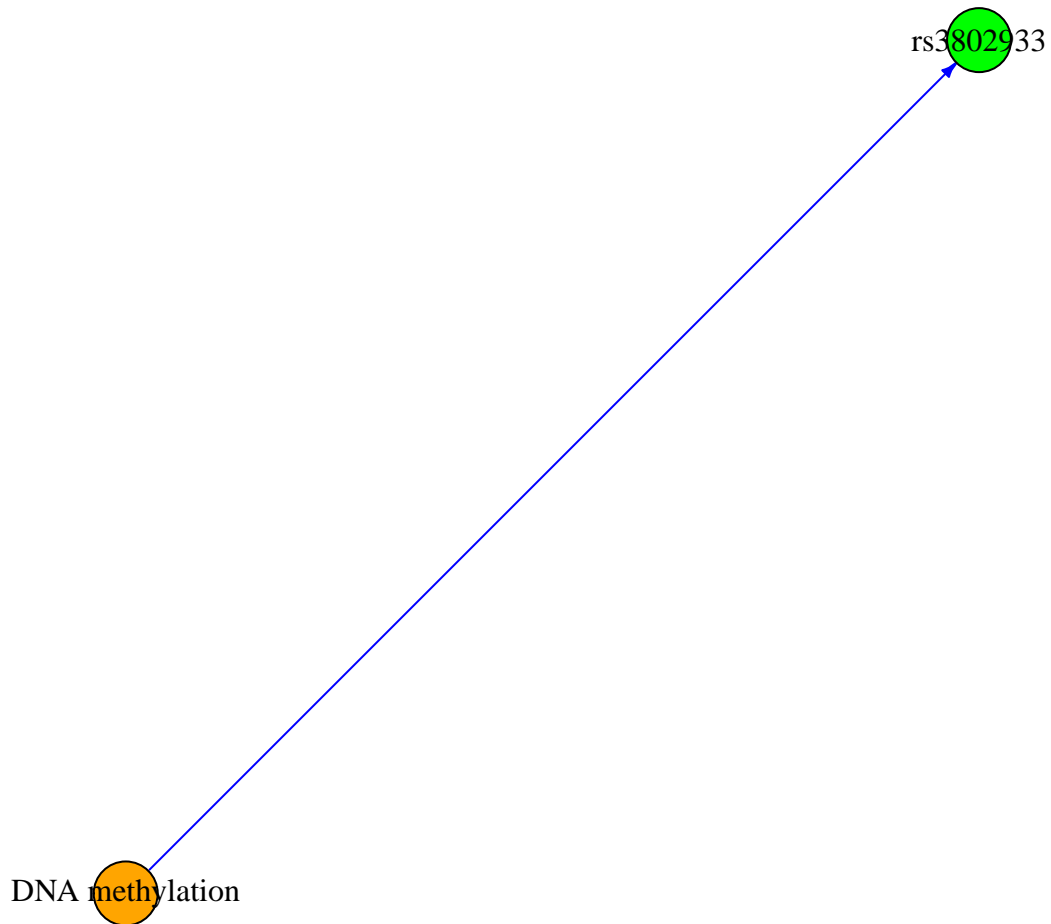
Variant–Disease Network (information processing speed)



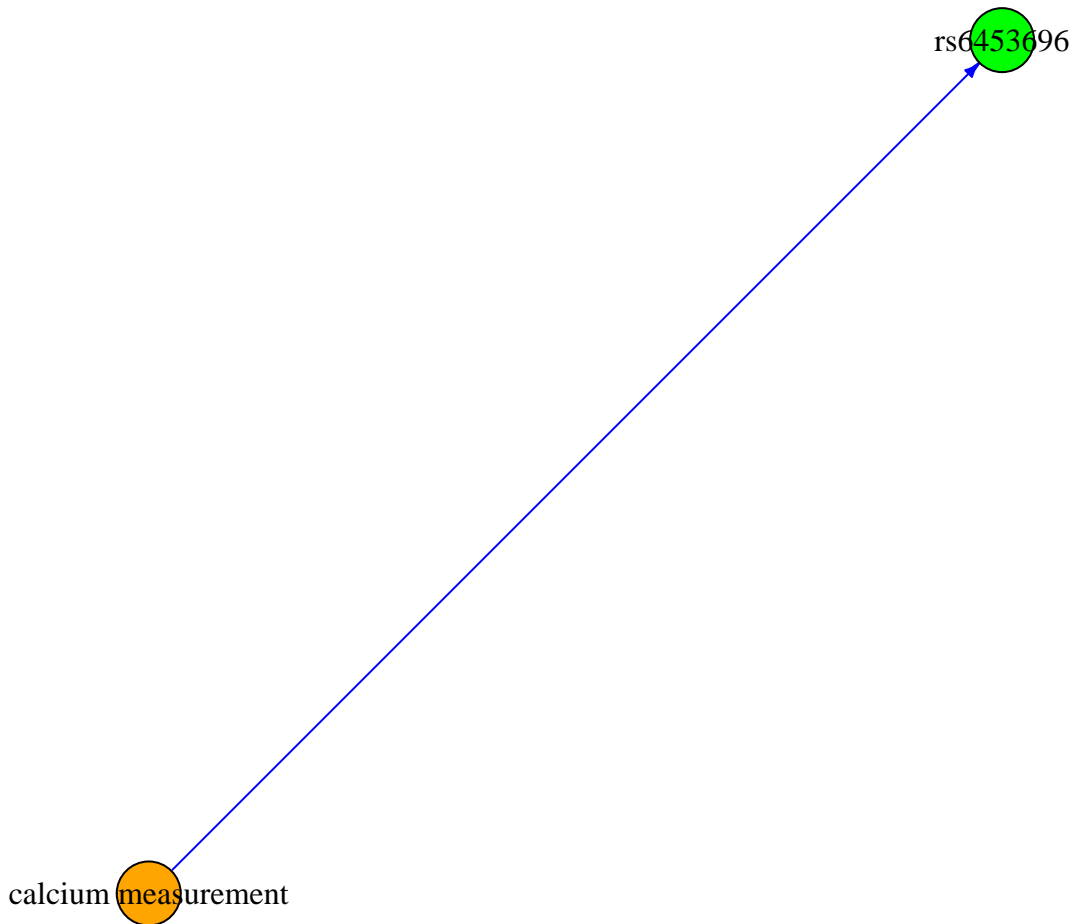
# Variant–Disease Network (BMI–adjusted waist–hip ratio)



## Variant–Disease Network (DNA methylation)



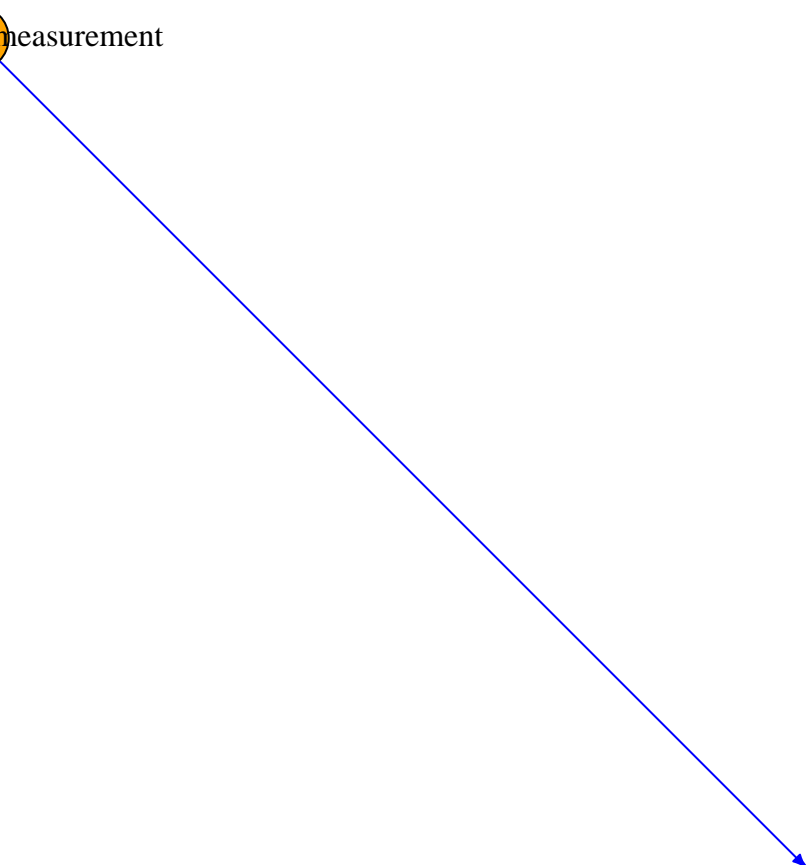
## Variant–Disease Network (calcium measurement)



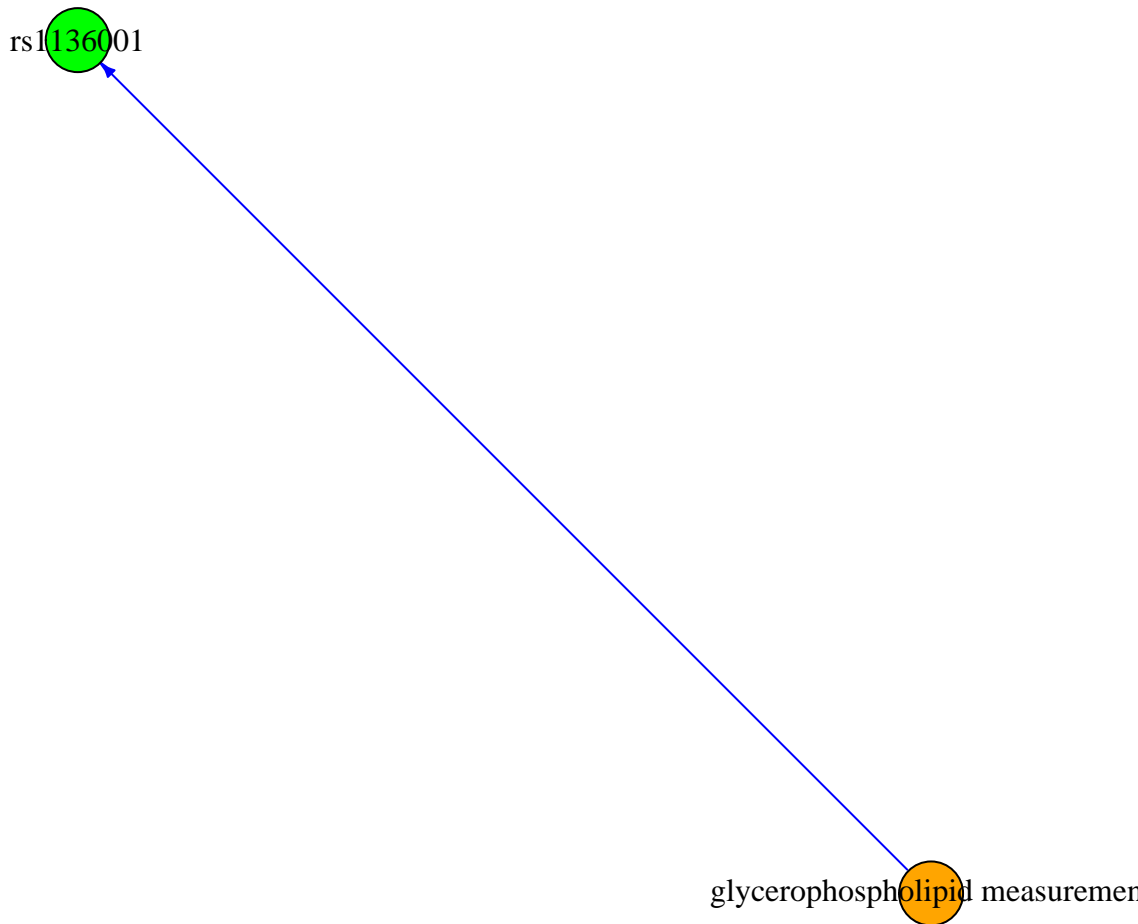
## Variant–Disease Network (CD109 antigen measurement)

CD109 antigen measurement

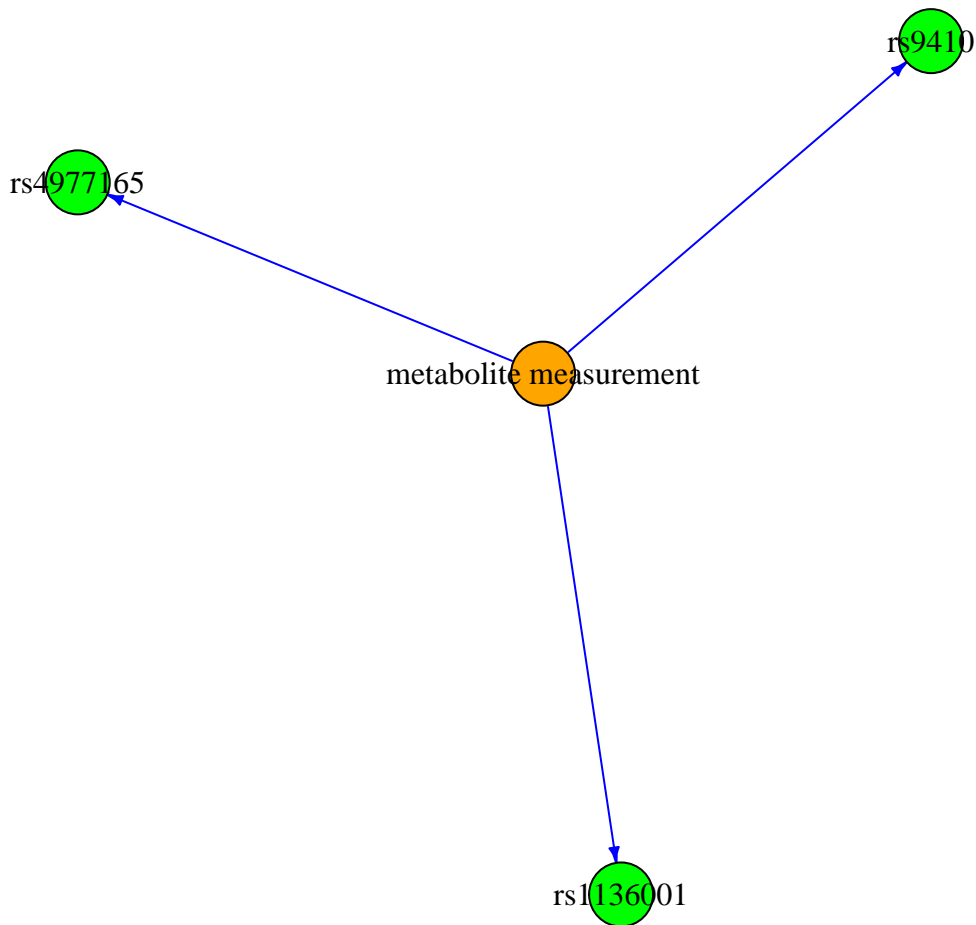
rs6453696



## Variant–Disease Network (glycerophospholipid measurement)



# Variant–Disease Network (metabolite measurement)



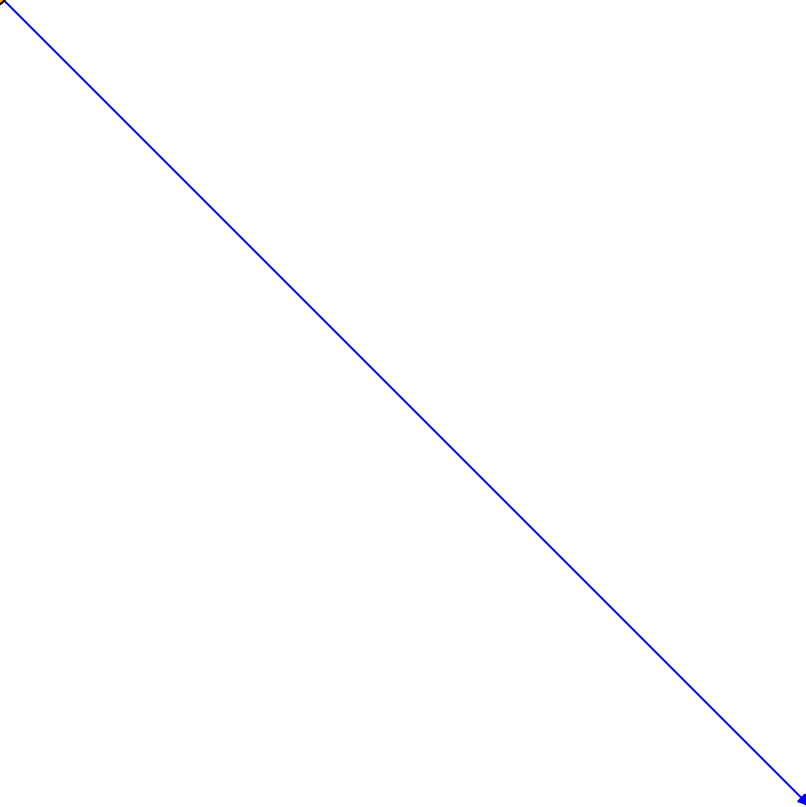


Variant–Disease Network (omega–6 polyunsaturated fatty acid measurement)

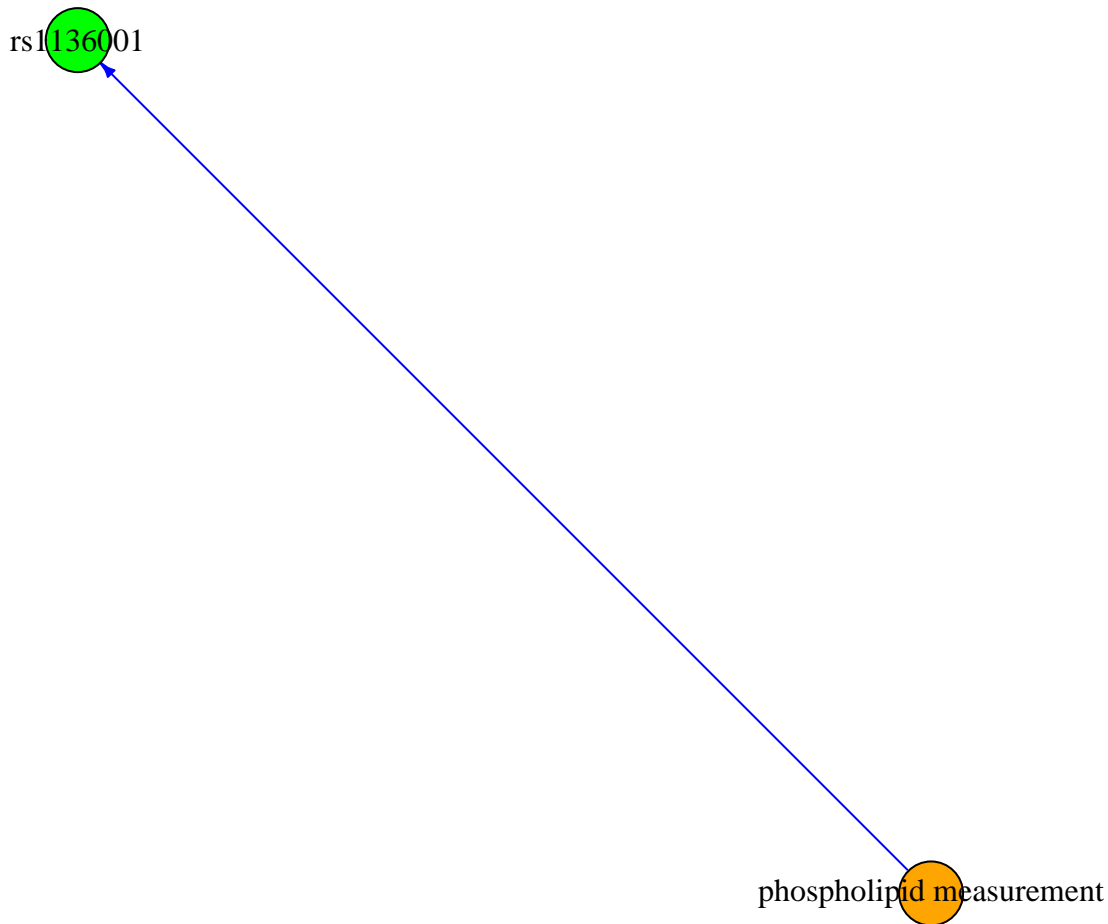
omega–6 polyunsaturated fatty acid measurement



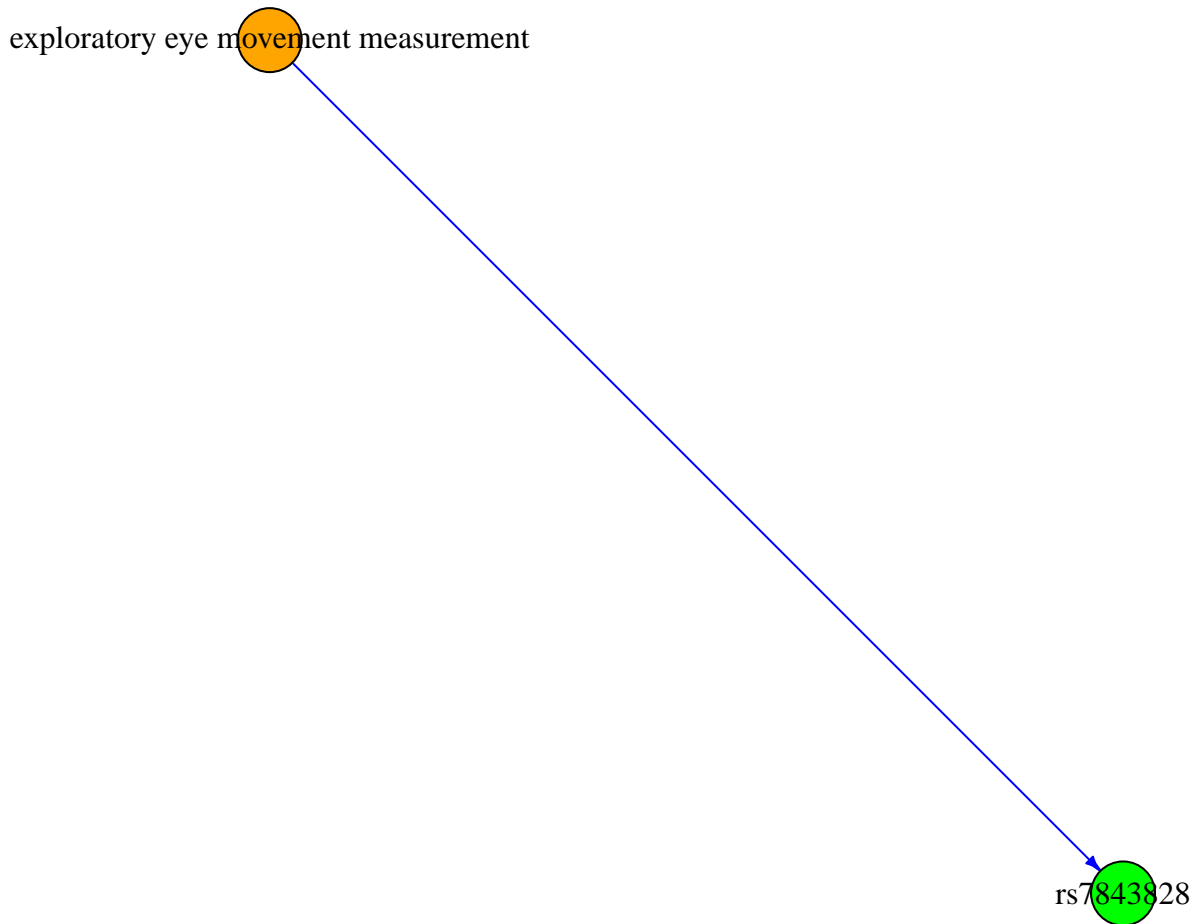
rs1136001



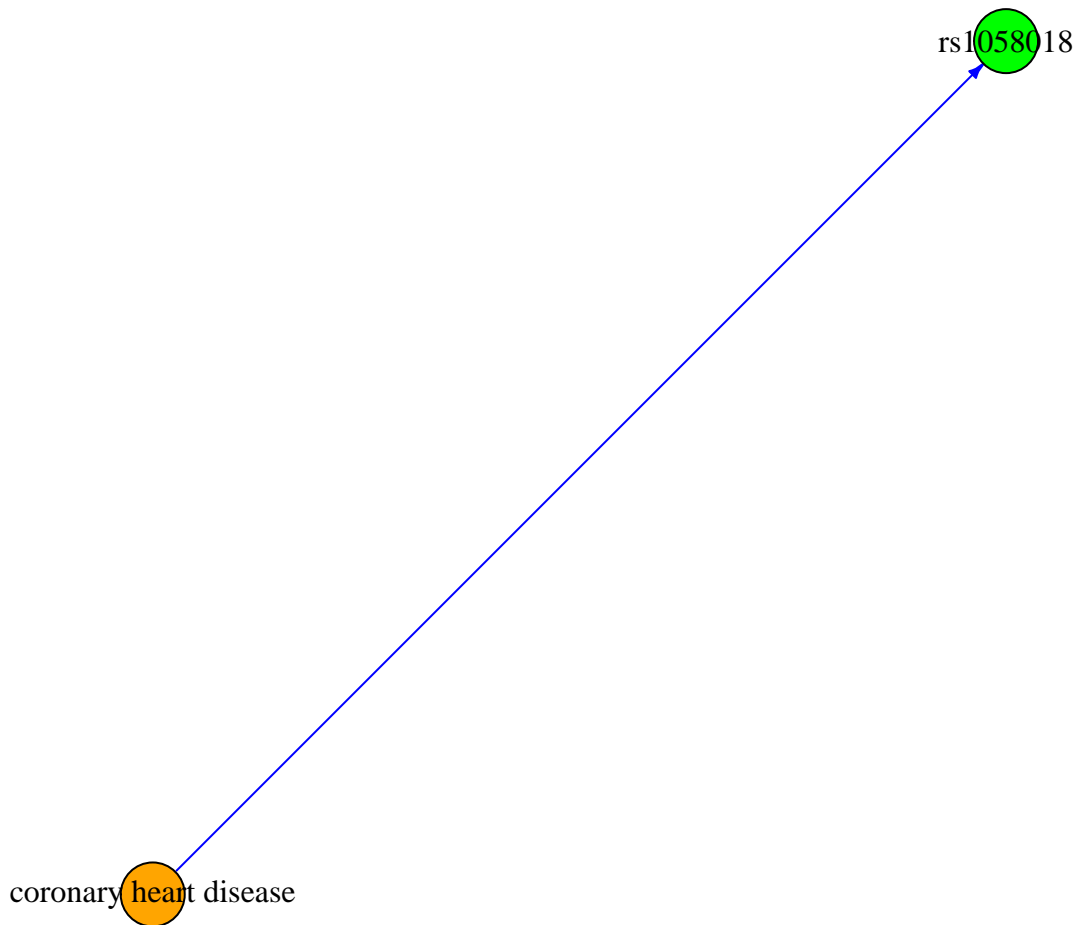
## Variant–Disease Network (phospholipid measurement)



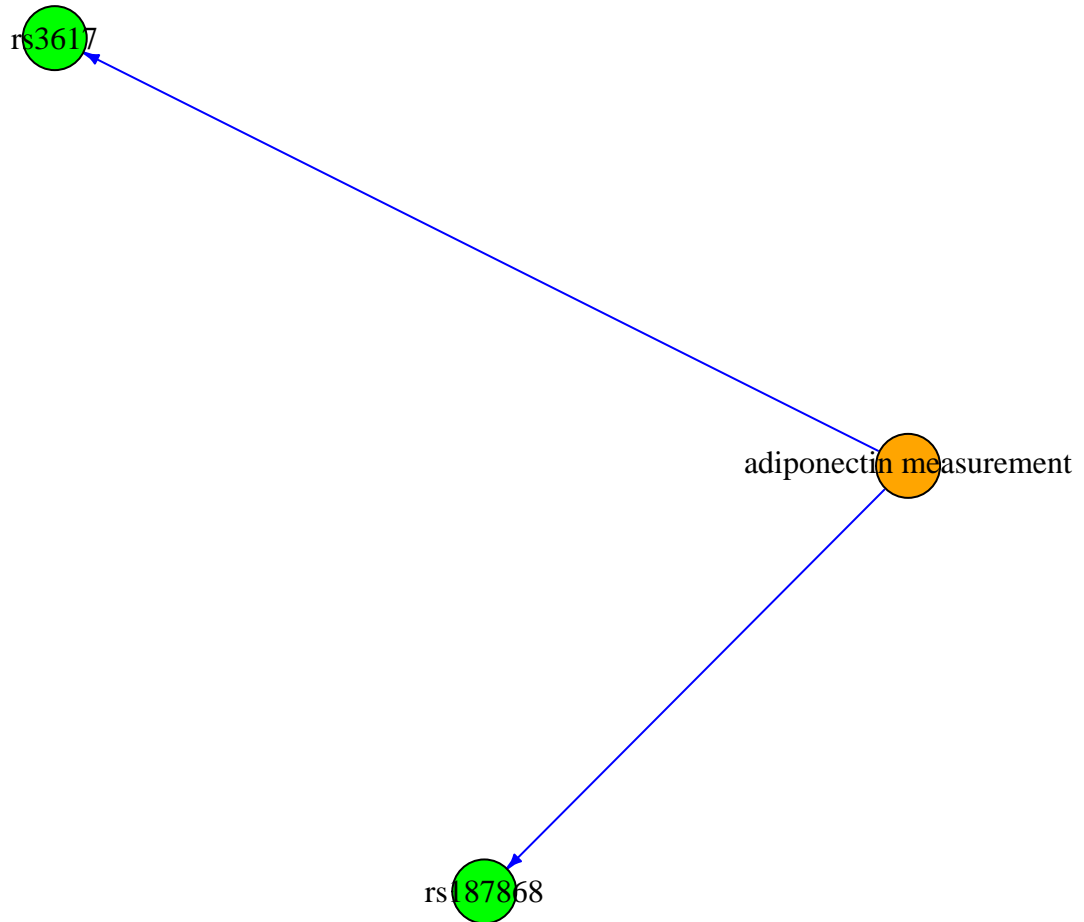
# Variant–Disease Network (exploratory eye movement measurement)



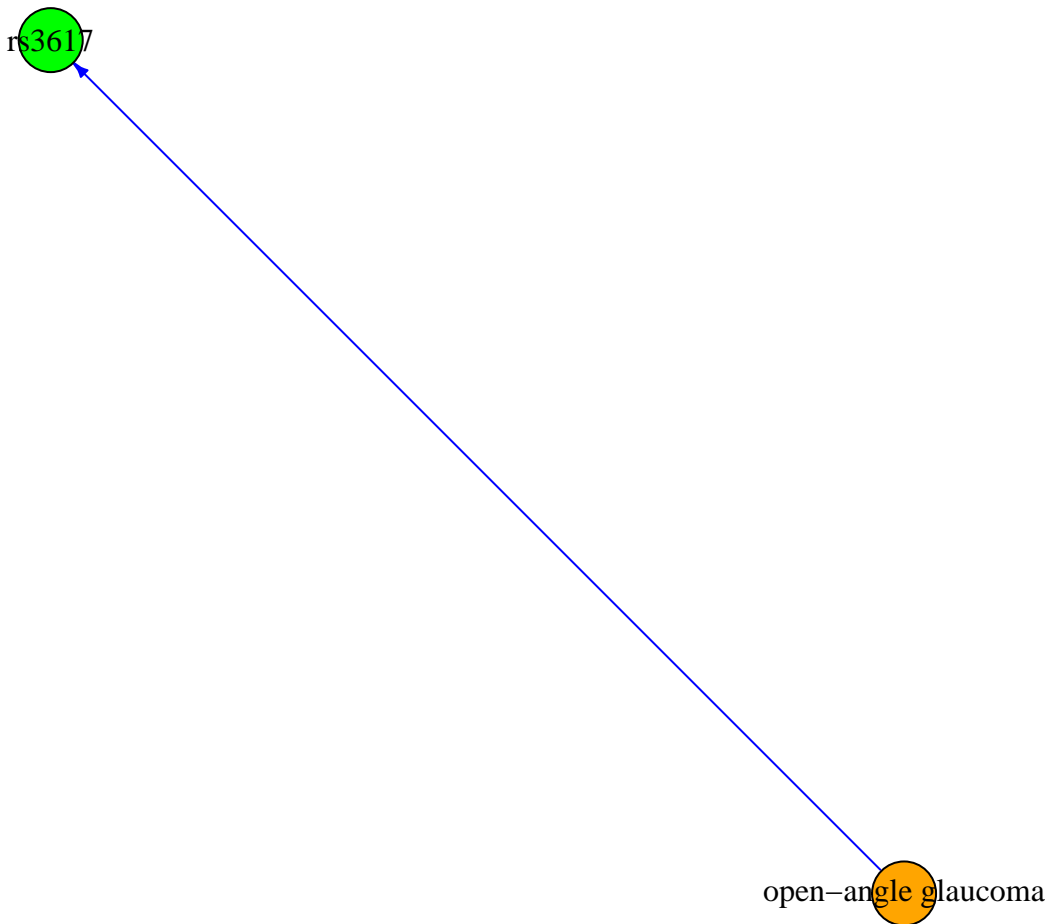
## Variant–Disease Network (coronary heart disease)



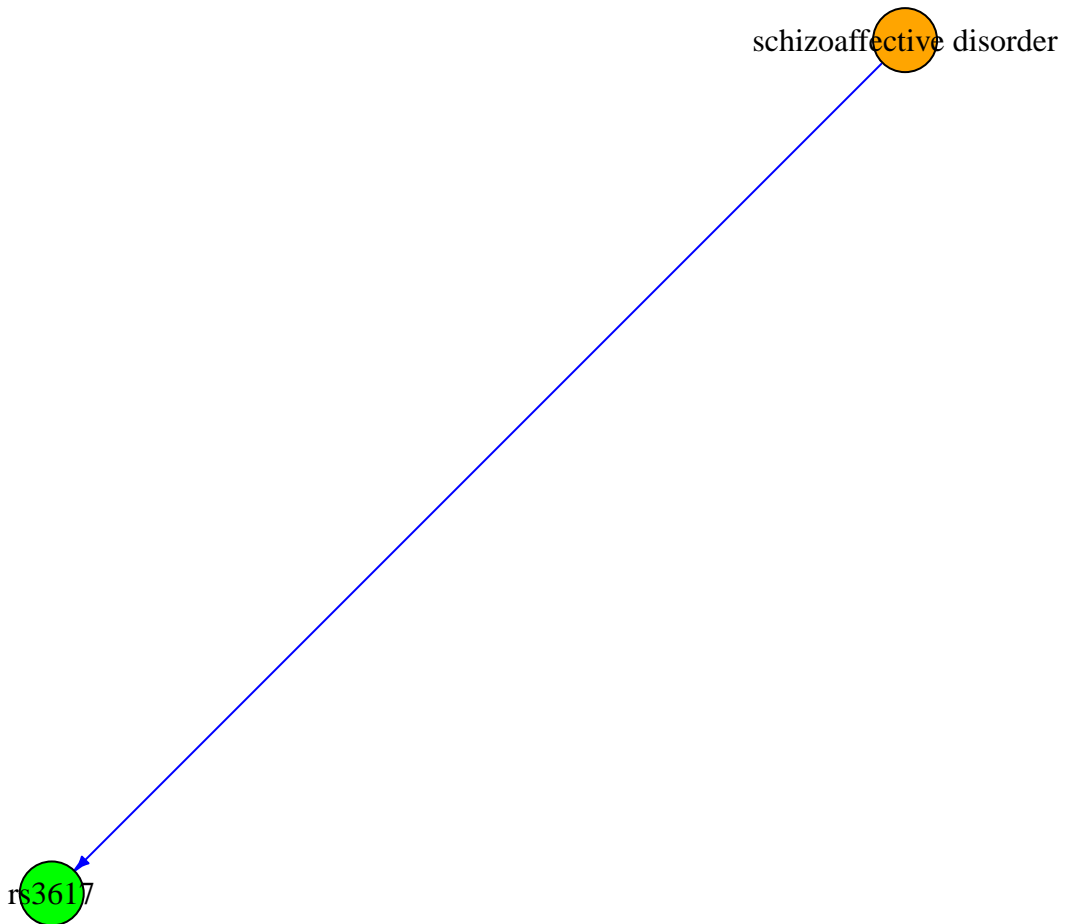
## Variant–Disease Network (adiponectin measurement)



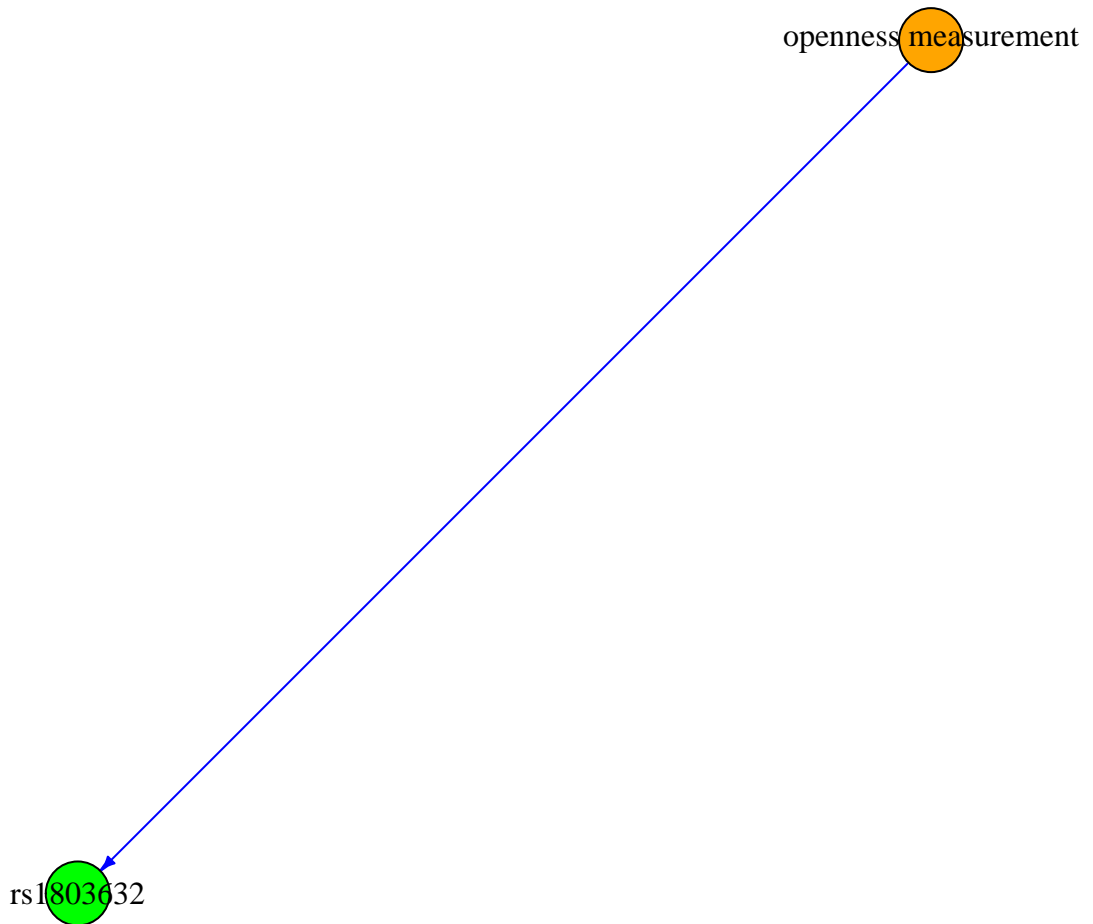
## Variant–Disease Network (open–angle glaucoma)



## Variant–Disease Network (schizoaffective disorder)

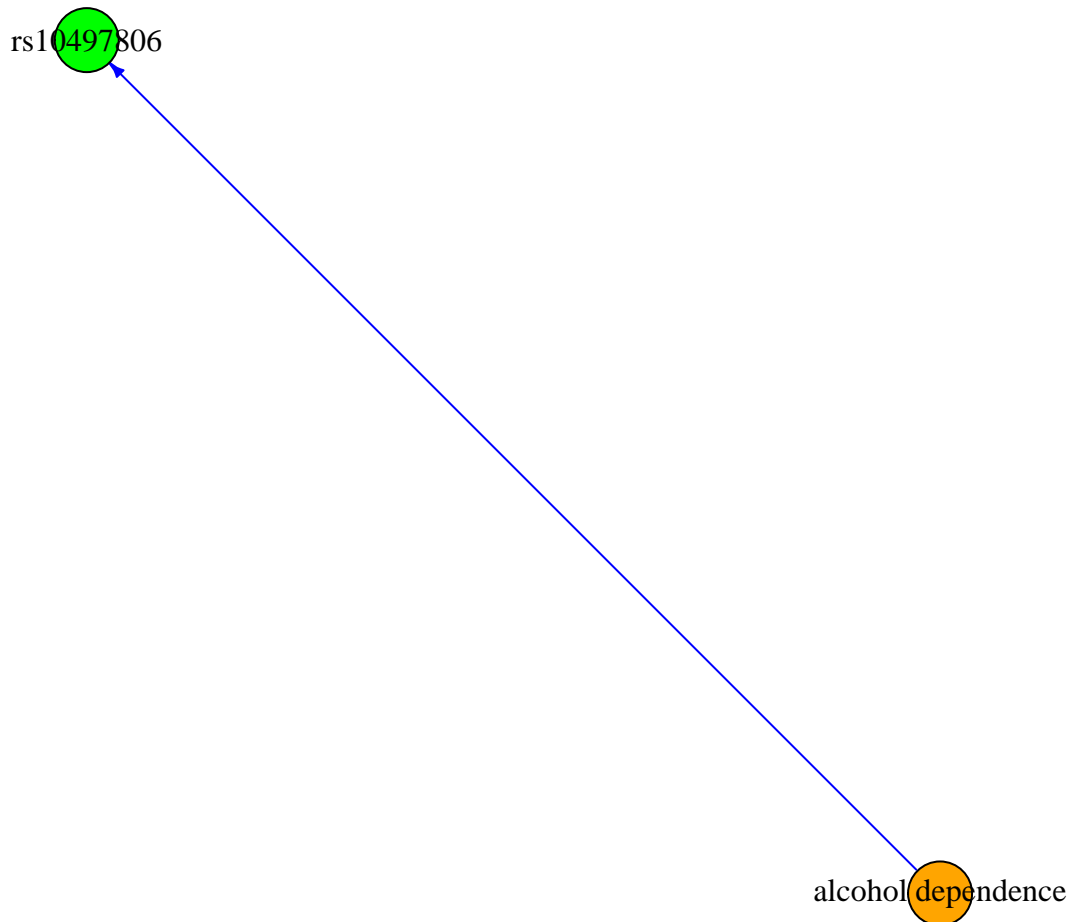


## Variant–Disease Network (openness measurement)

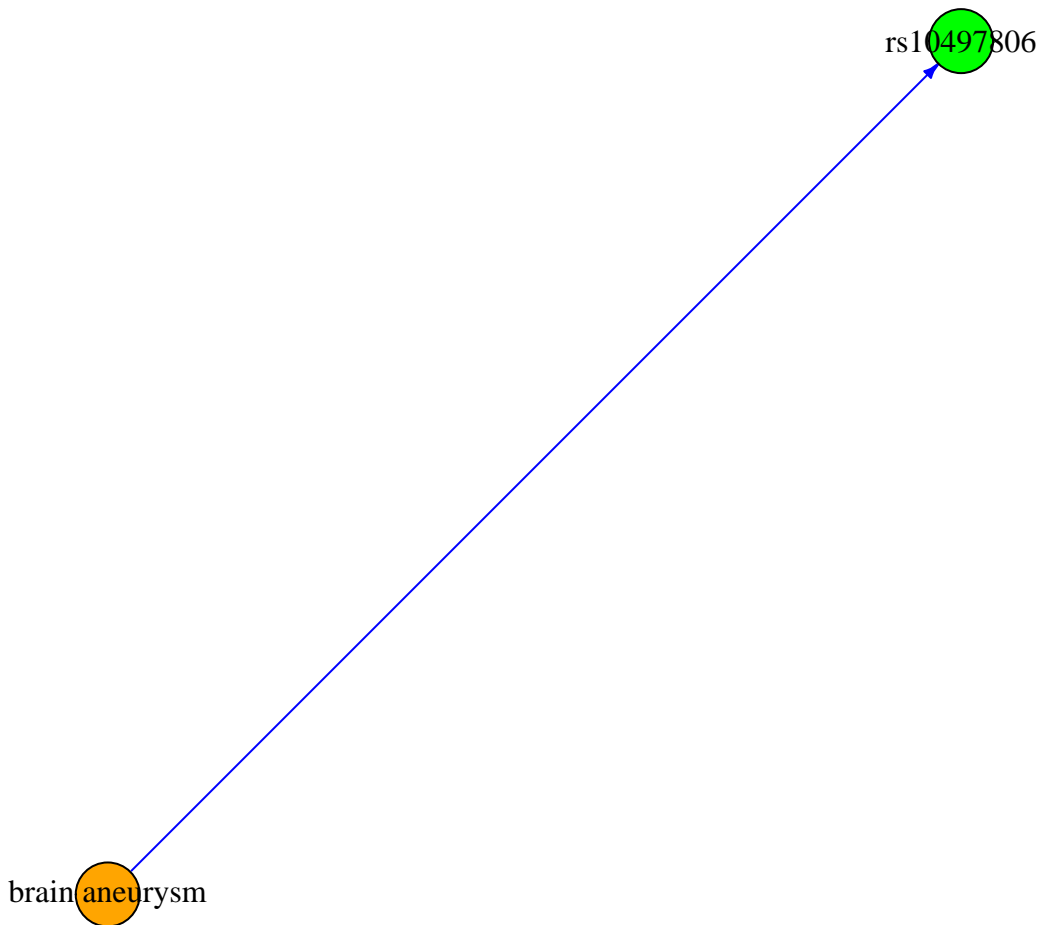




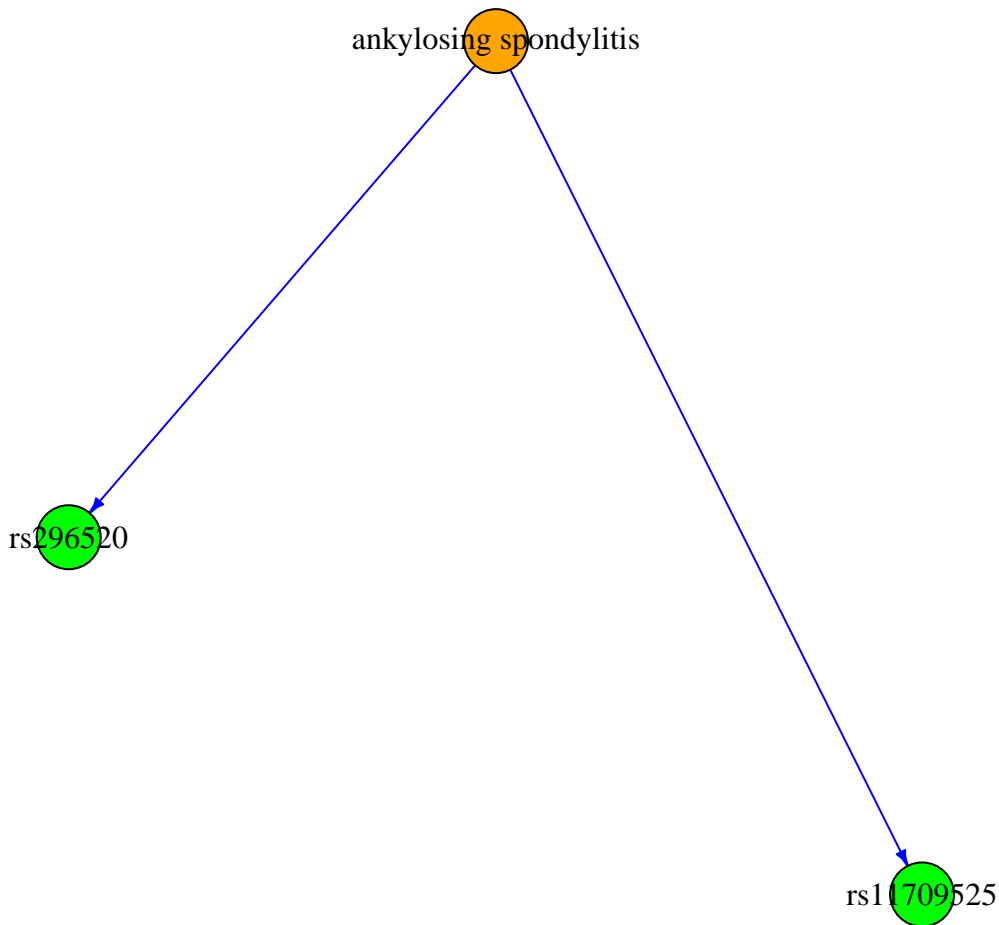
## Variant–Disease Network (alcohol dependence)



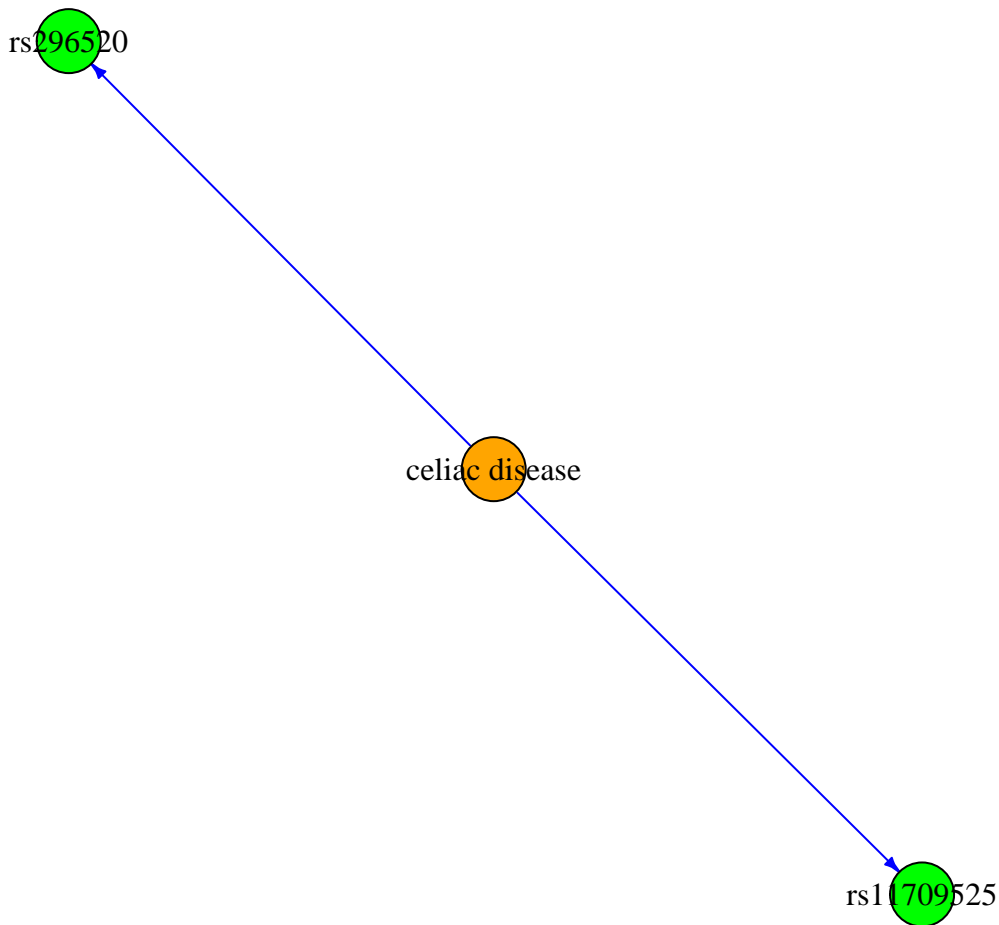
## Variant-Disease Network (brain aneurysm)



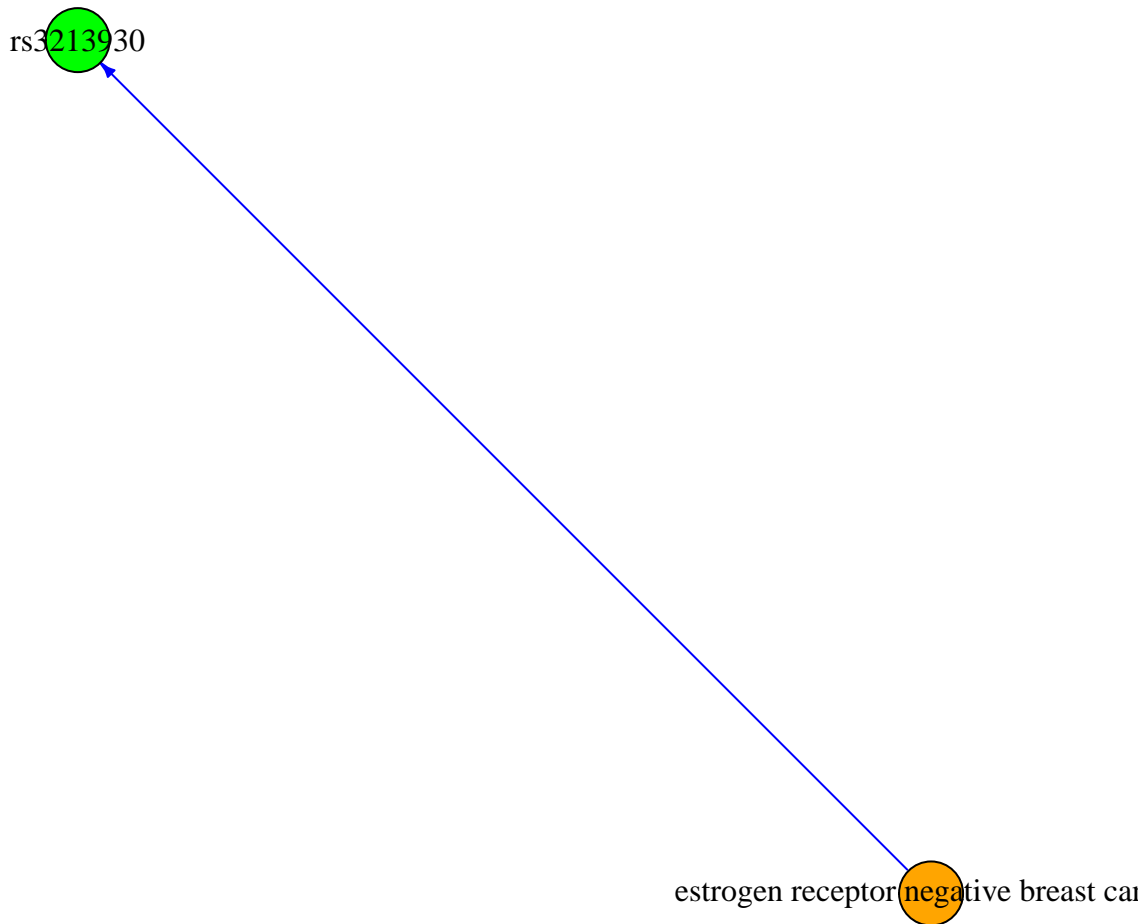
## Variant–Disease Network (ankylosing spondylitis)



## Variant–Disease Network (celiac disease)



## Variant–Disease Network (estrogen receptor negative breast cancer)

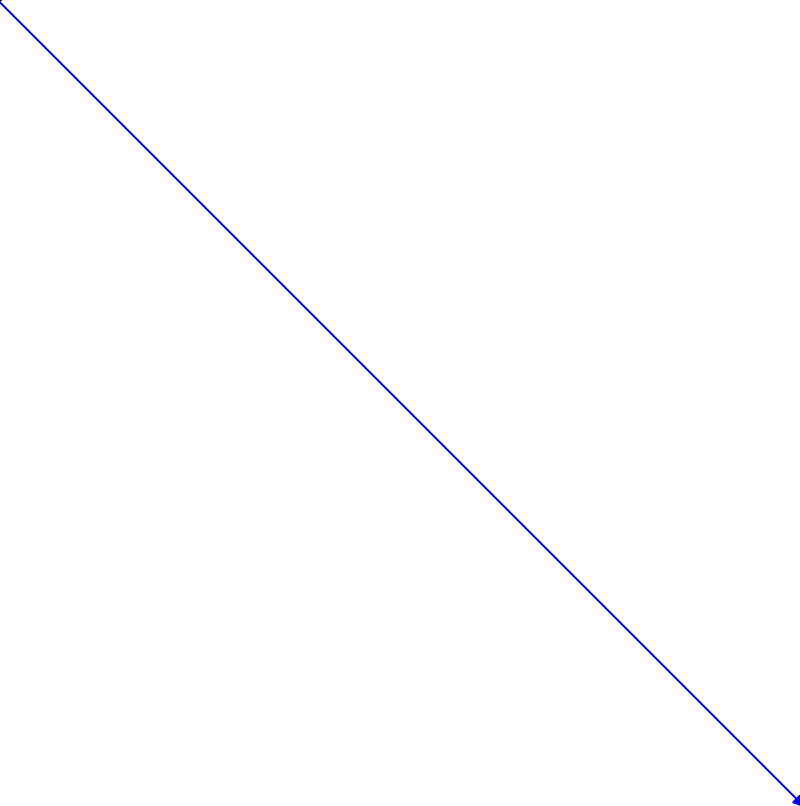


## Variant–Disease Network (lung adenocarcinoma)

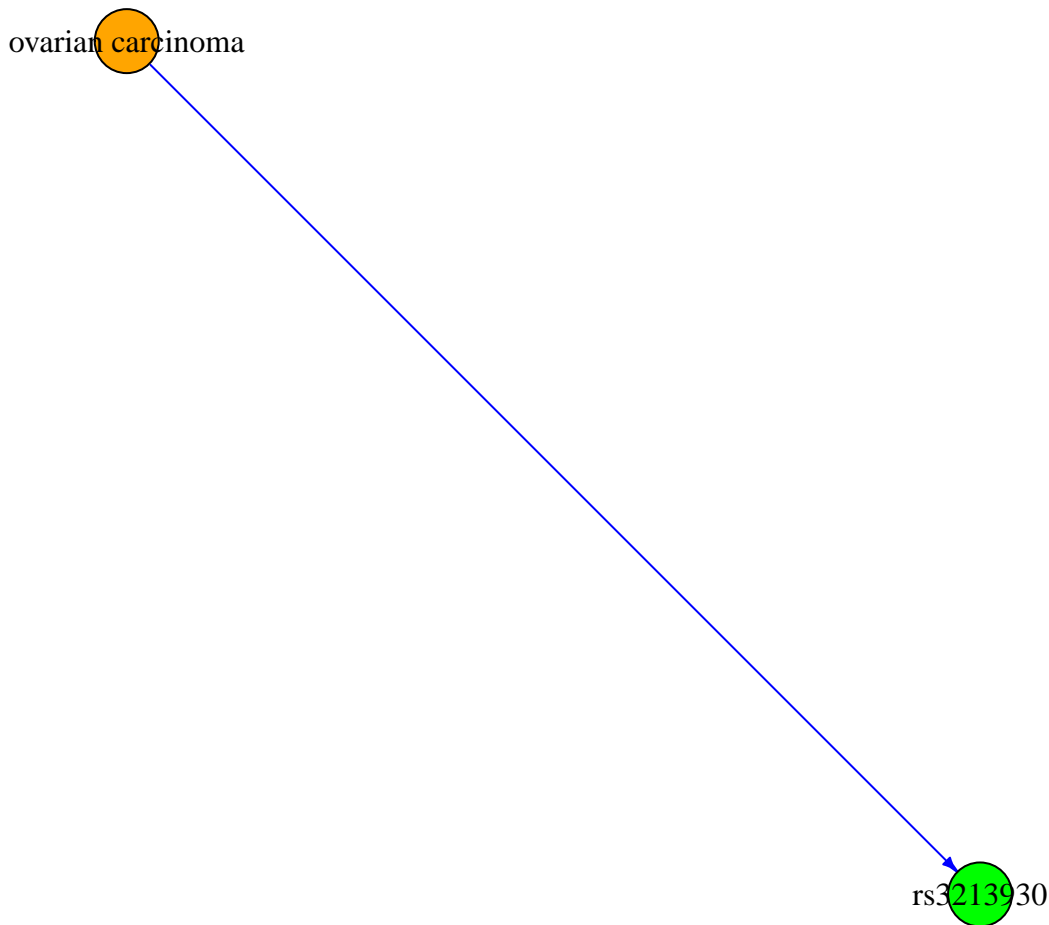
lung adenocarcinoma



rs3213930



## Variant–Disease Network (ovarian carcinoma)

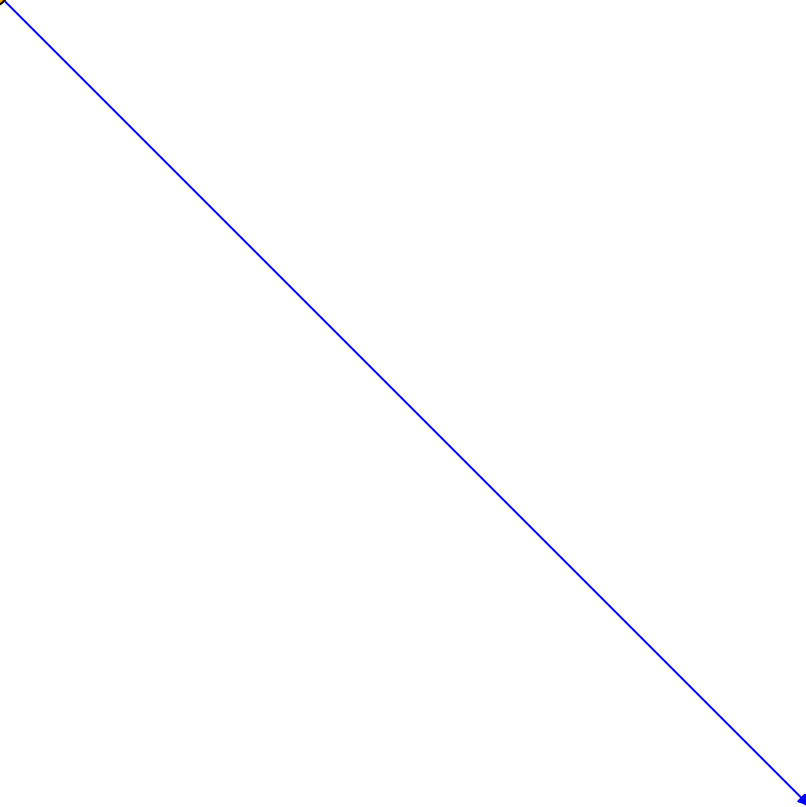


# Variant–Disease Network (ovarian endometrioid carcinoma)

ovarian endometrioid carcinoma

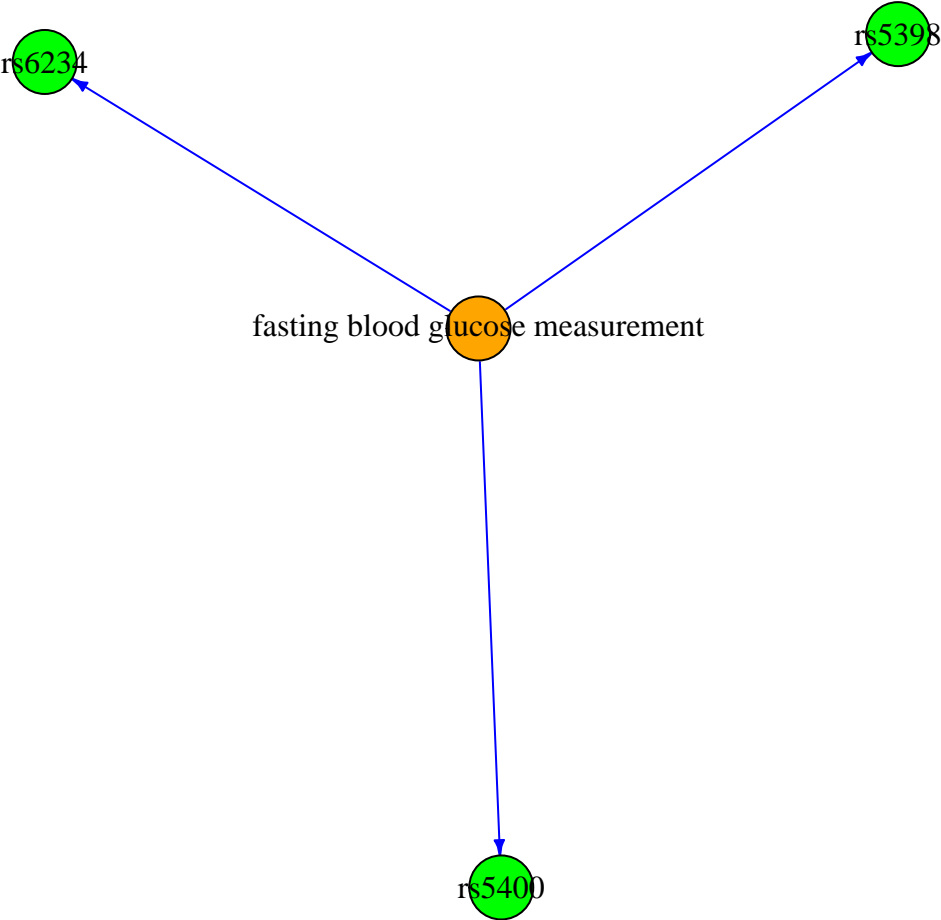


rs3213930

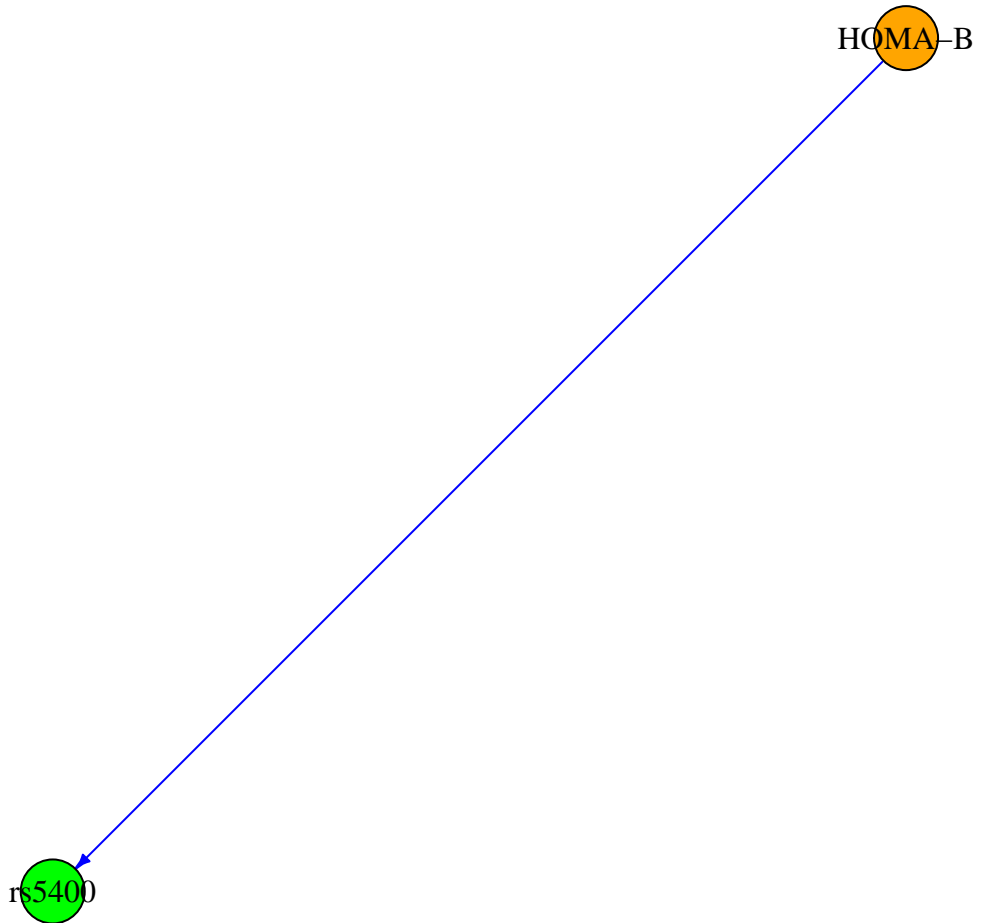




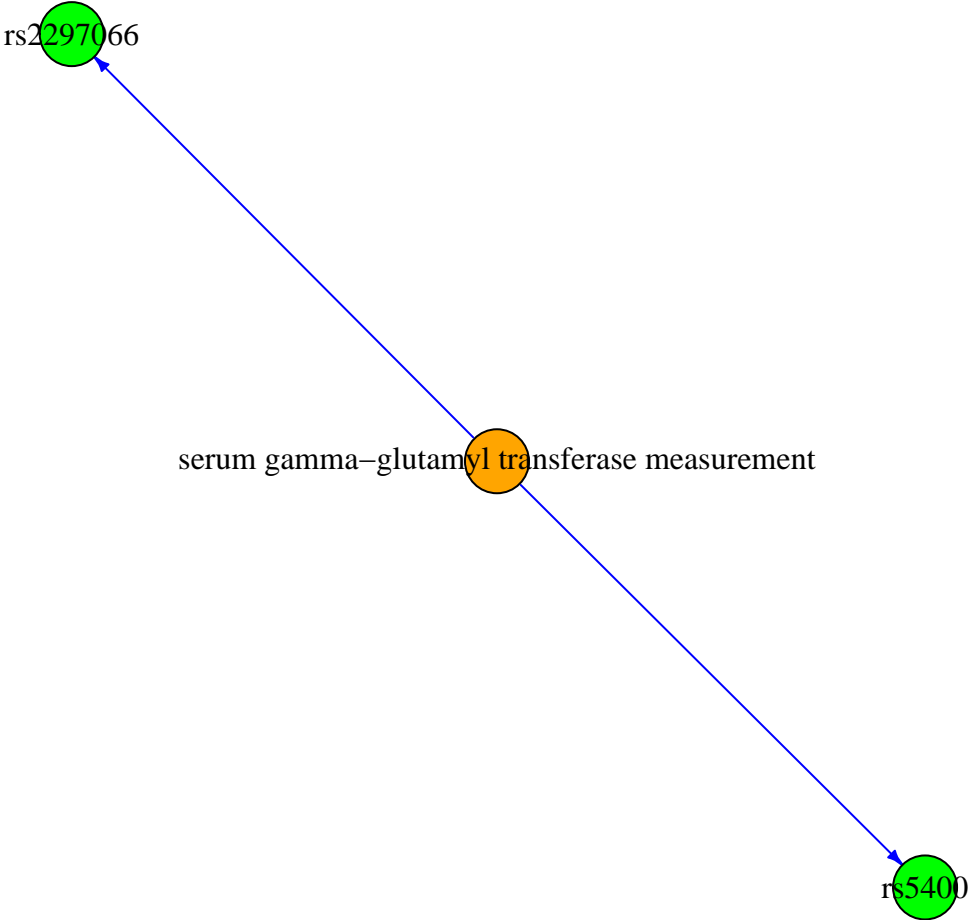
Variant–Disease Network (fasting blood glucose measurement)



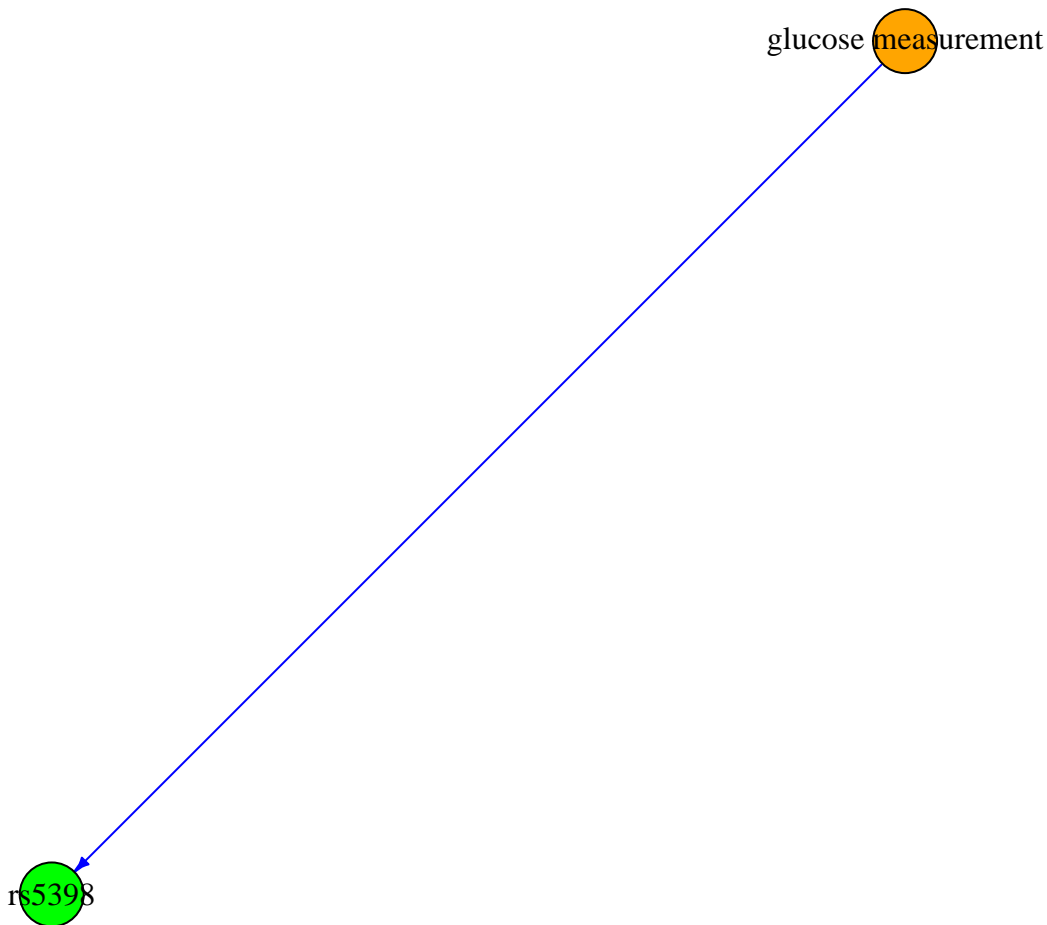
## Variant-Disease Network (HOMA-B)



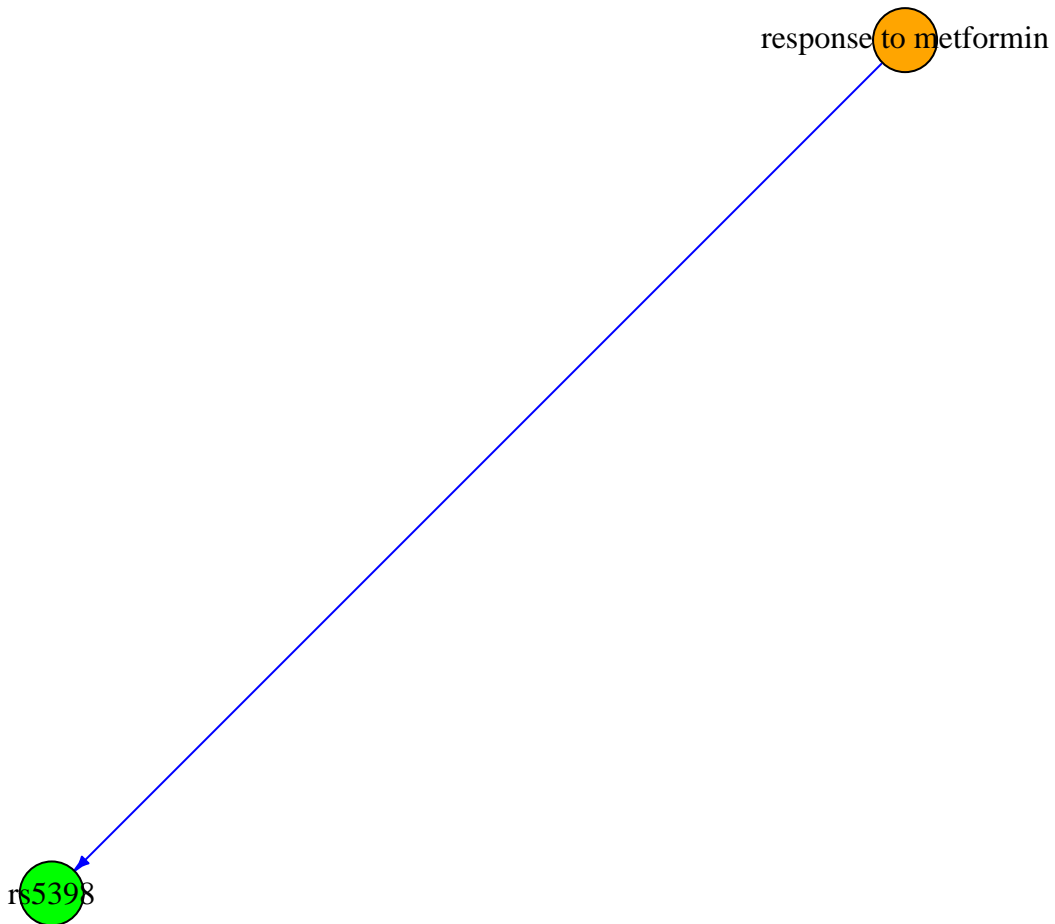
Variant–Disease Network (serum gamma–glutamyl transferase measurement)



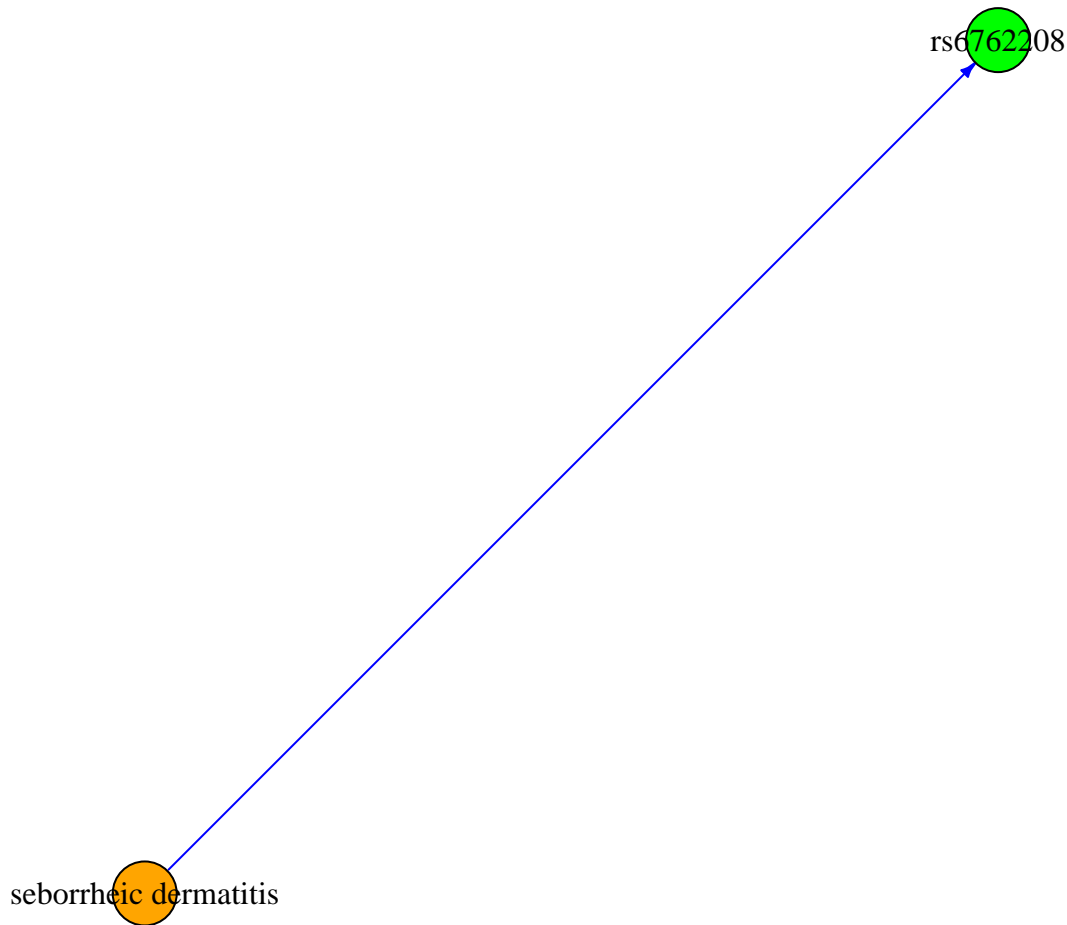
## Variant–Disease Network (glucose measurement)



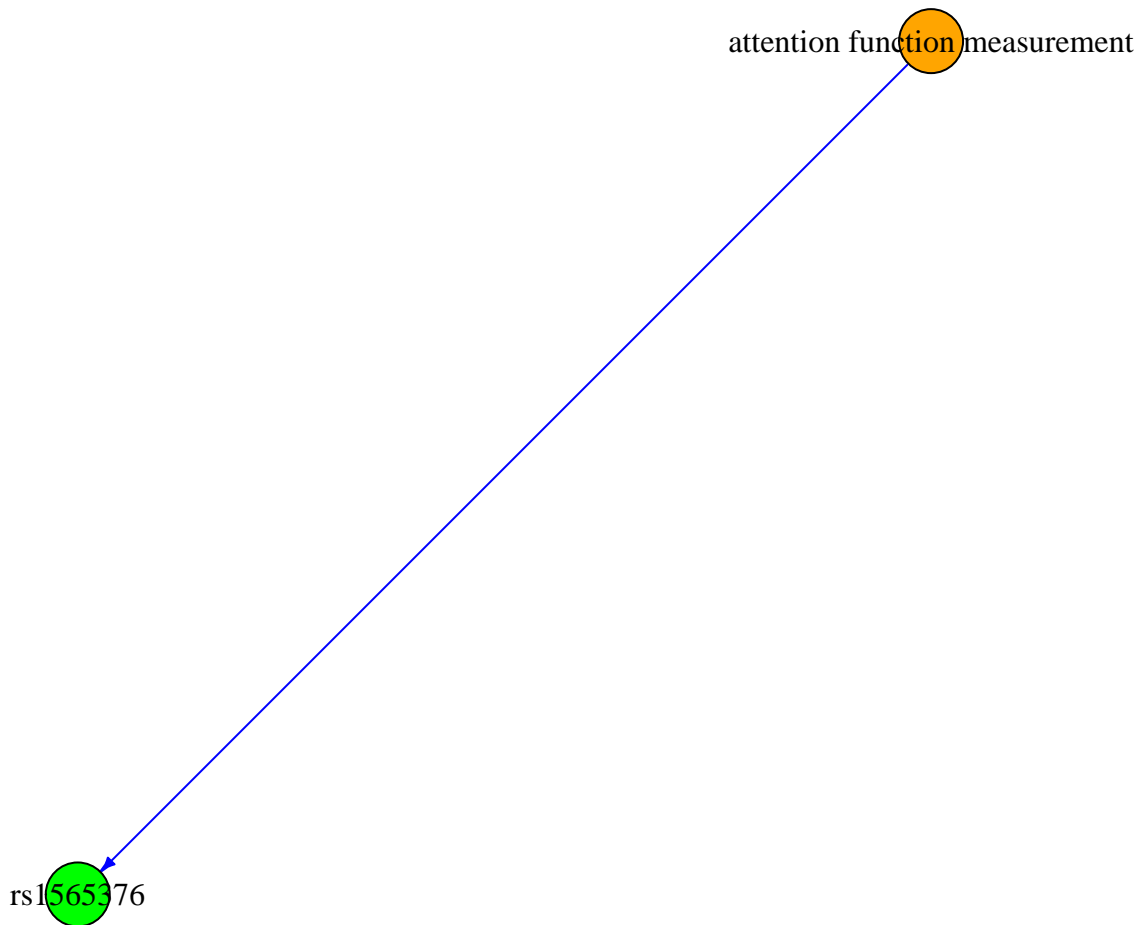
## Variant–Disease Network (response to metformin)



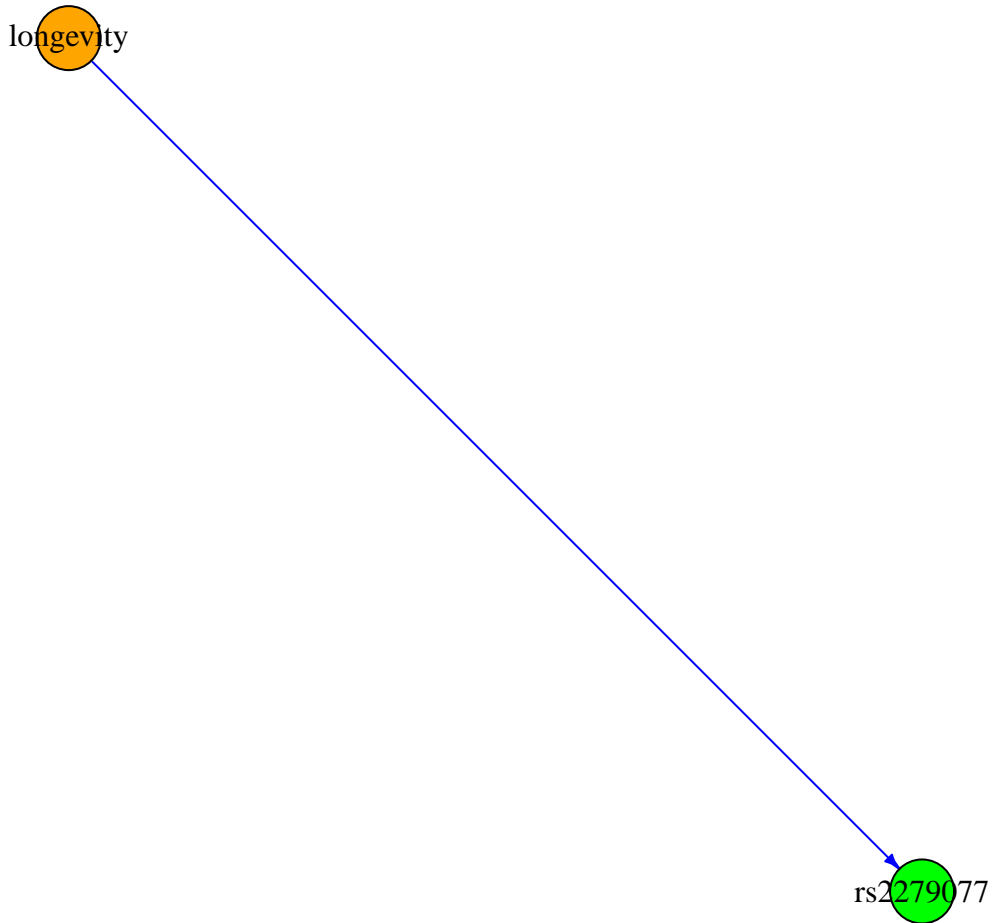
## Variant–Disease Network (seborrheic dermatitis)



# Variant-Disease Network (attention function measurement)

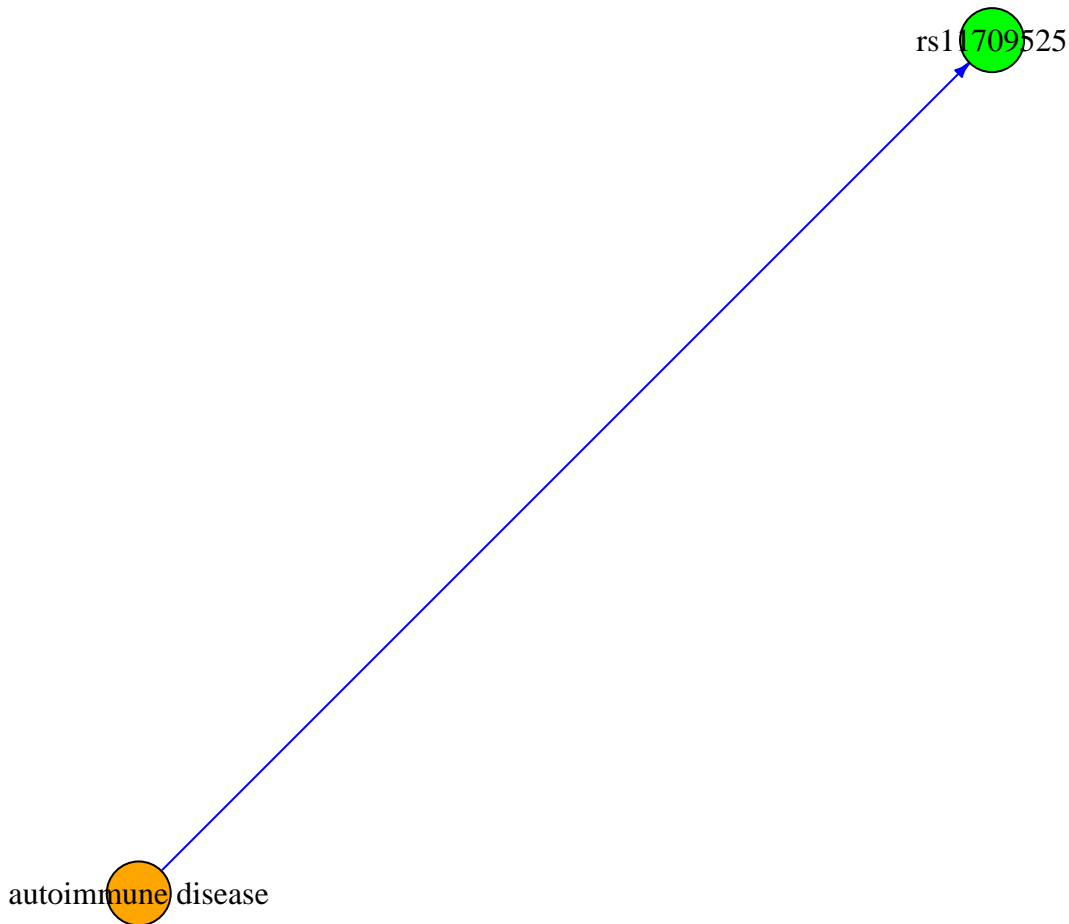


## Variant–Disease Network (longevity)

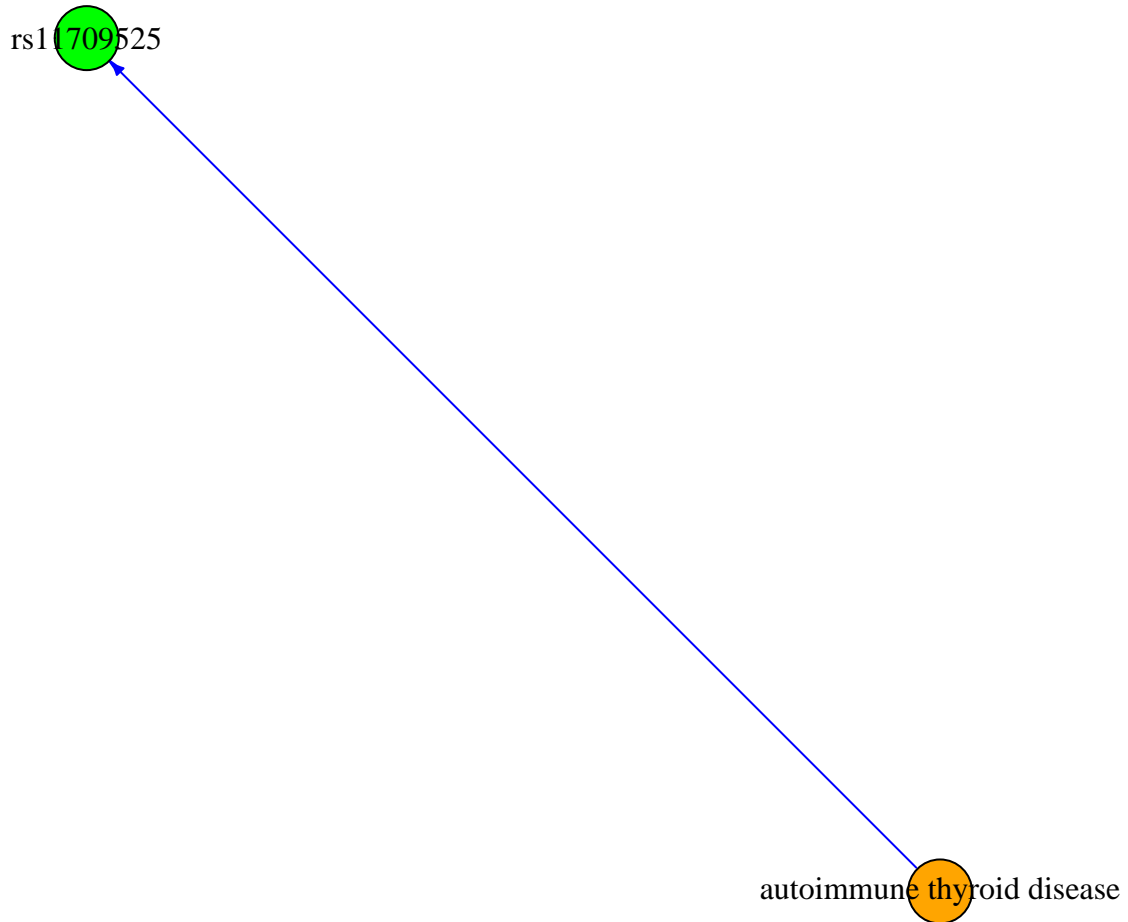




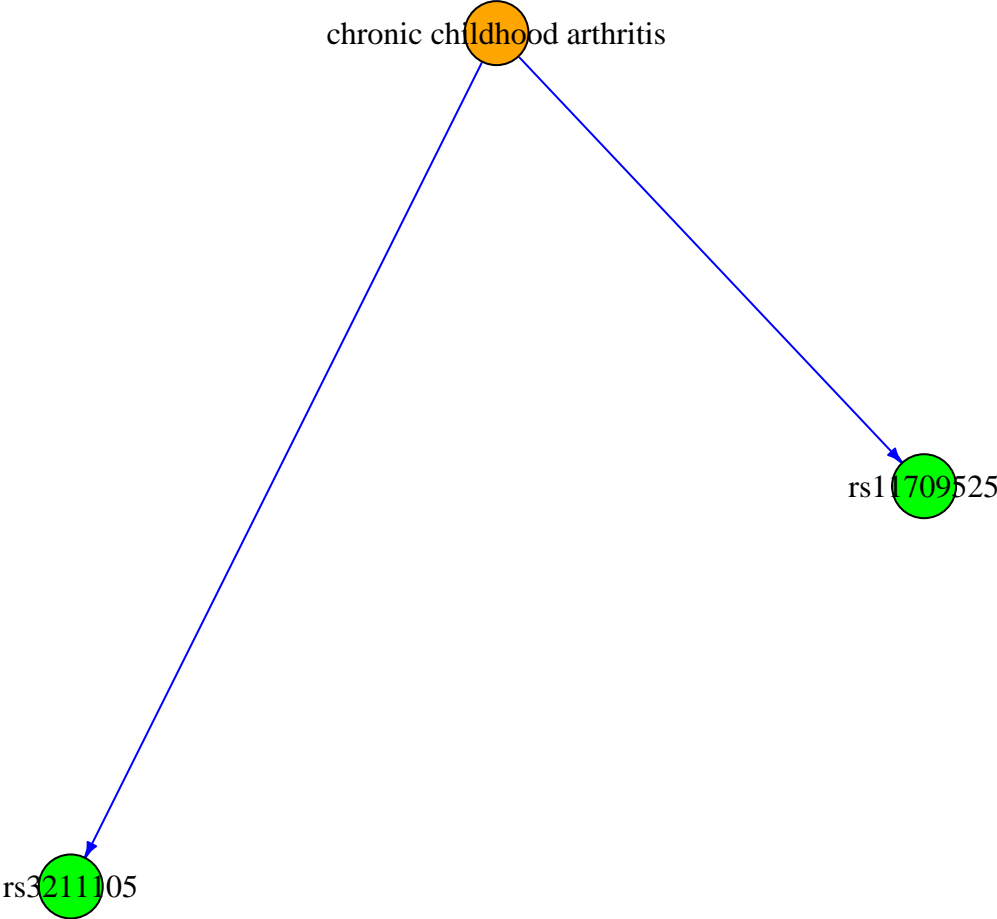
## Variant-Disease Network (autoimmune disease)



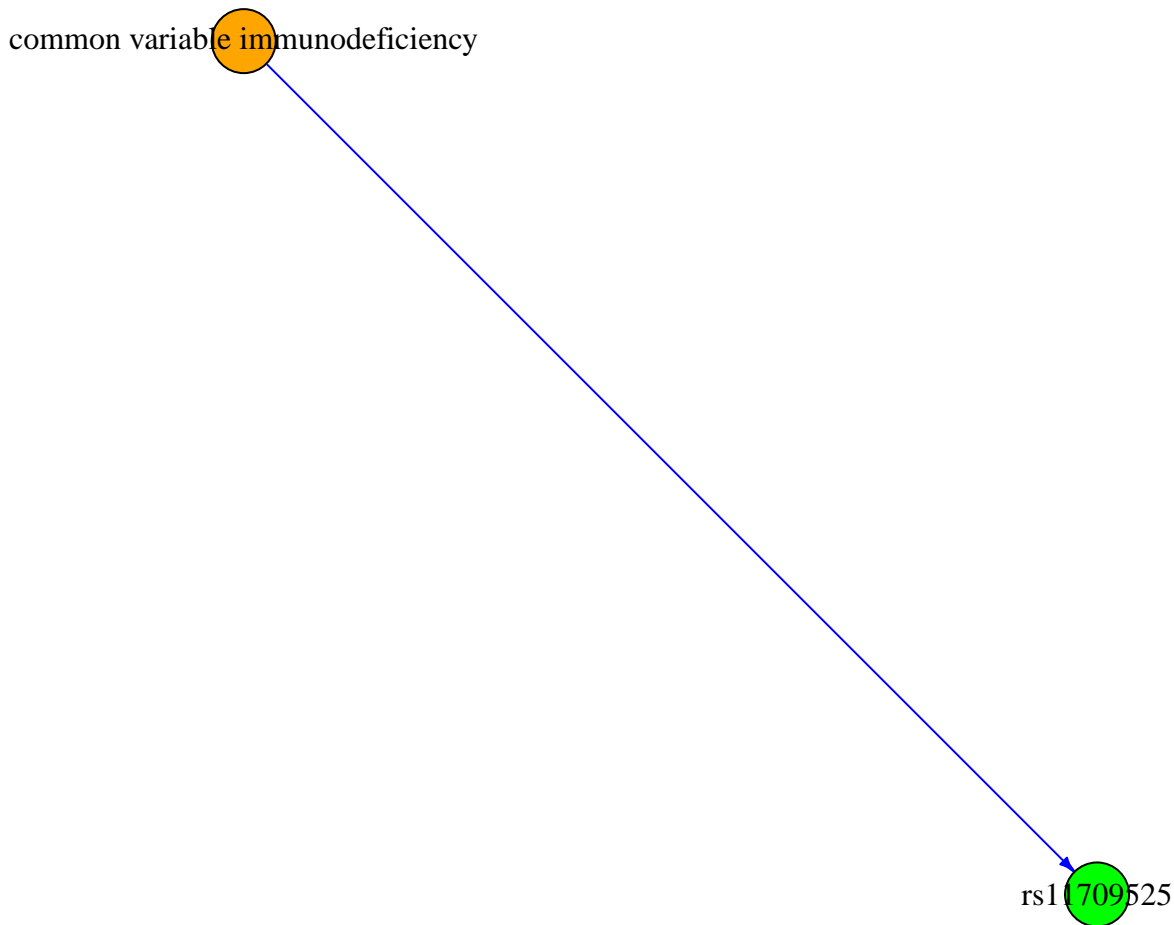
## Variant–Disease Network (autoimmune thyroid disease)



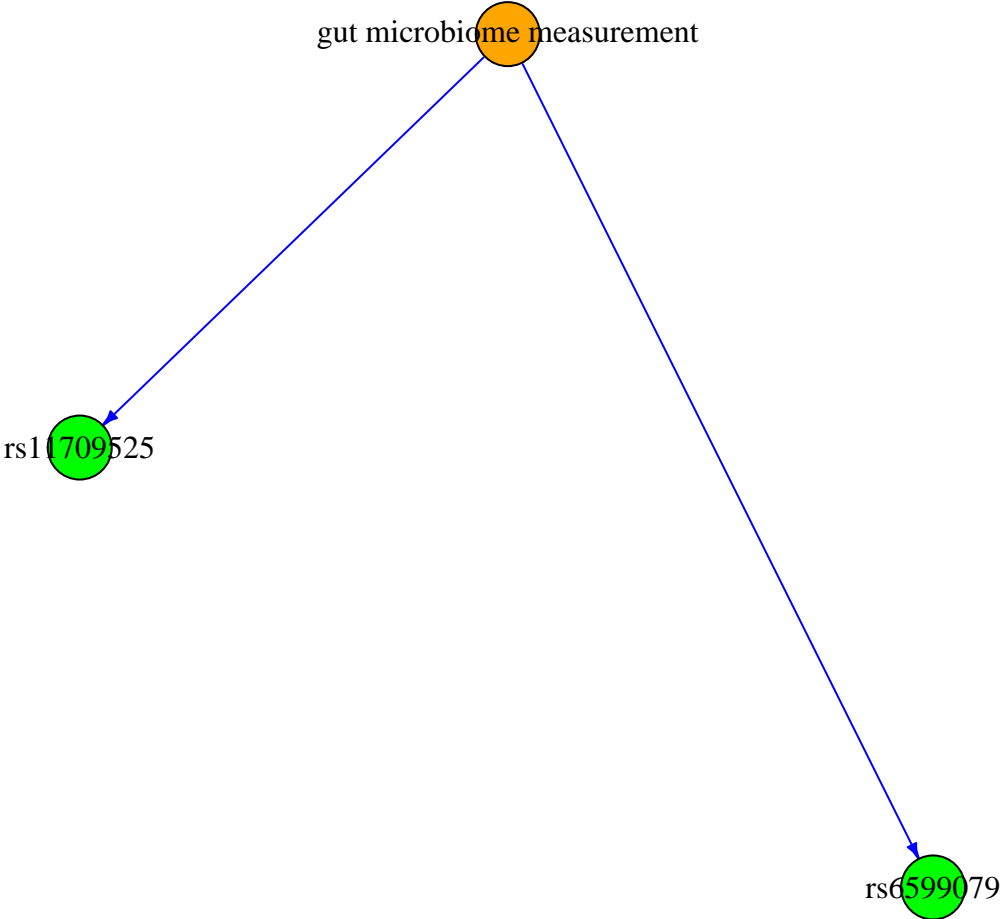
**Variant–Disease Network (chronic childhood arthritis)**



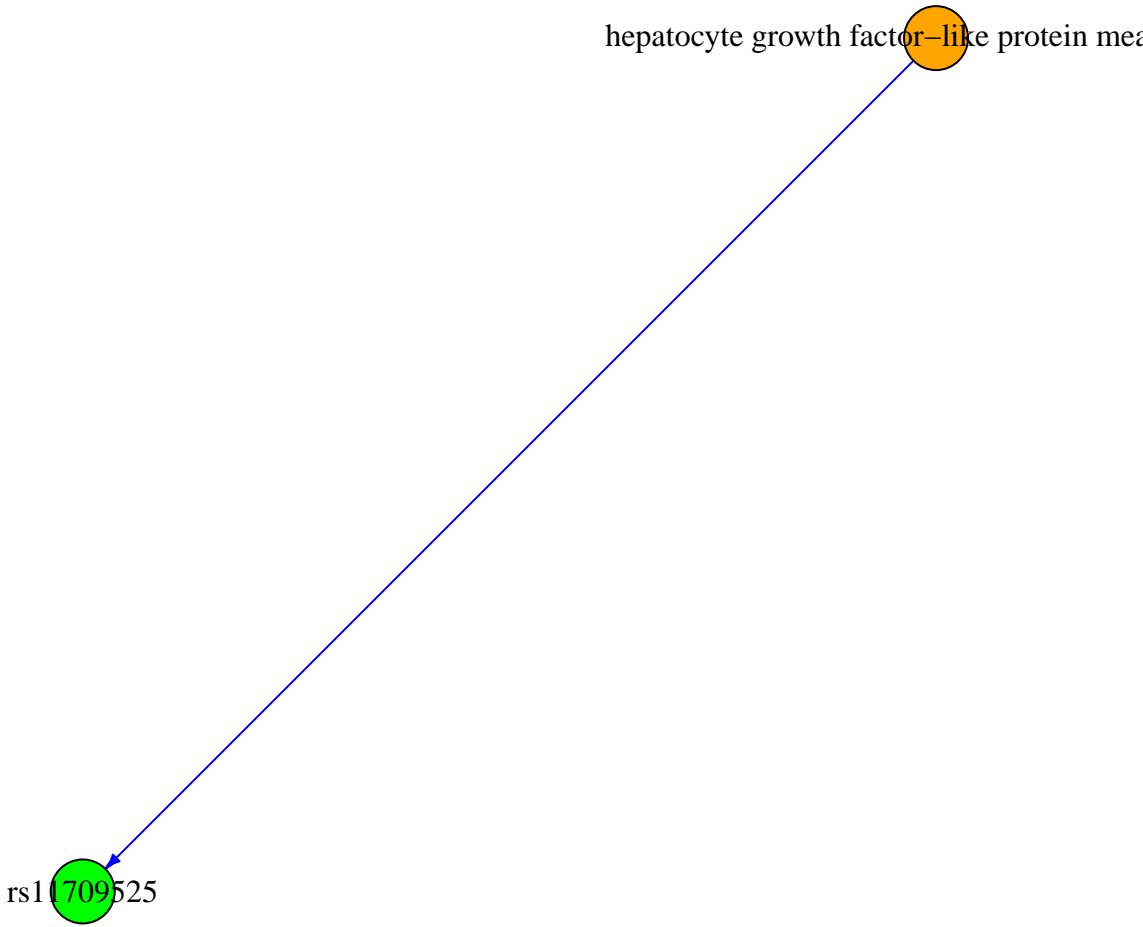
# Variant–Disease Network (common variable immunodeficiency)



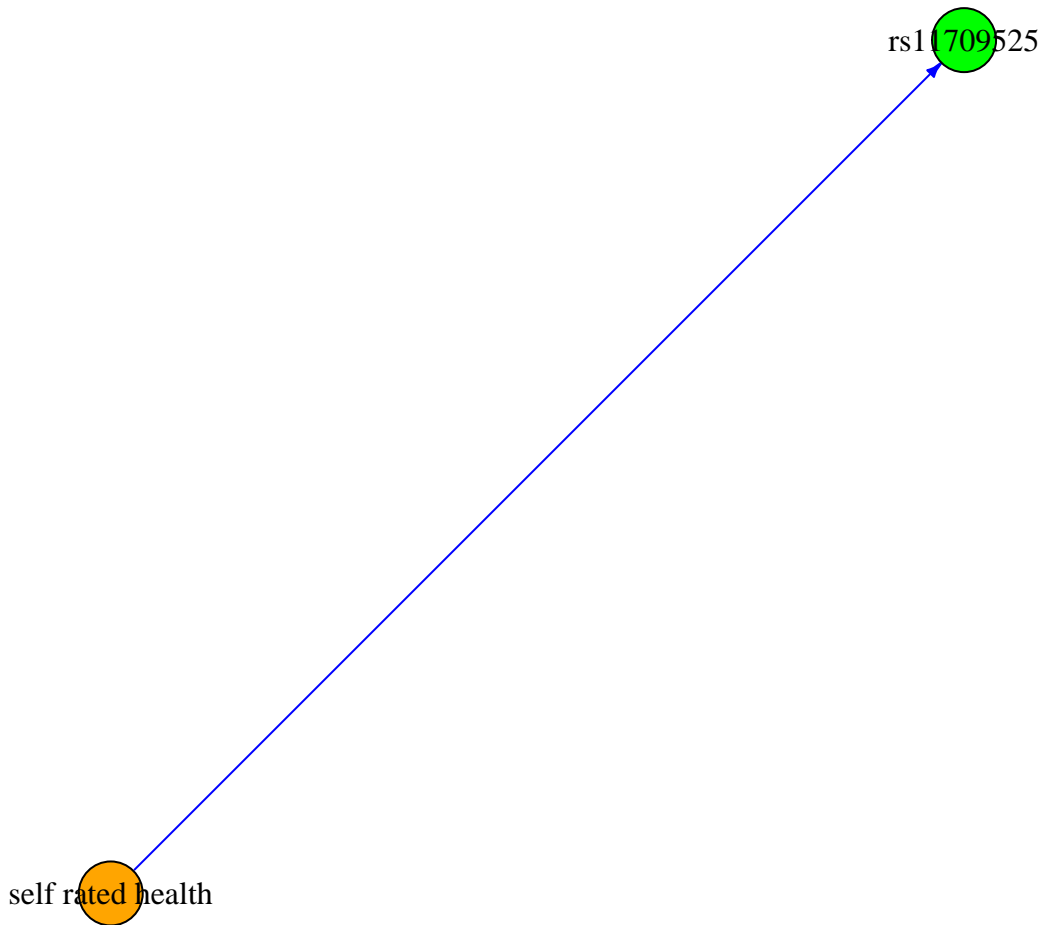
Variant–Disease Network (gut microbiome measurement)



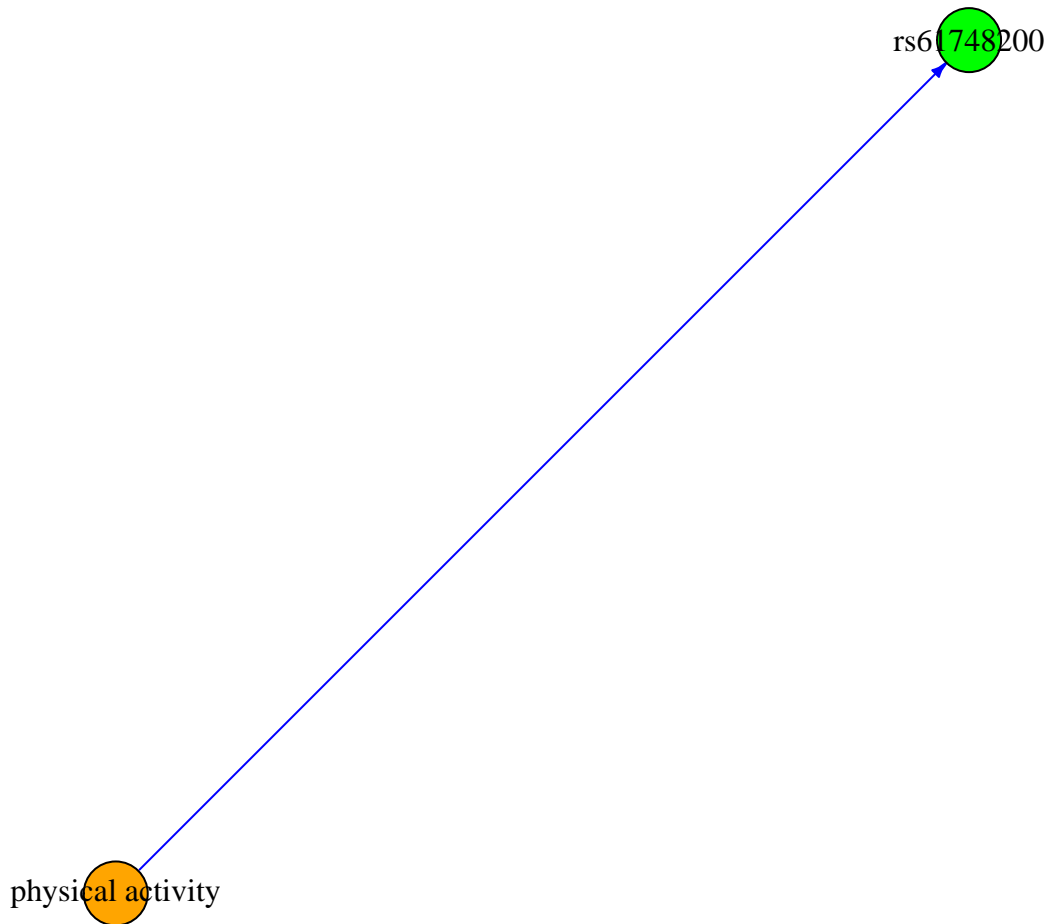
Variant–Disease Network (hepatocyte growth factor–like protein measurement)



## Variant–Disease Network (self rated health)

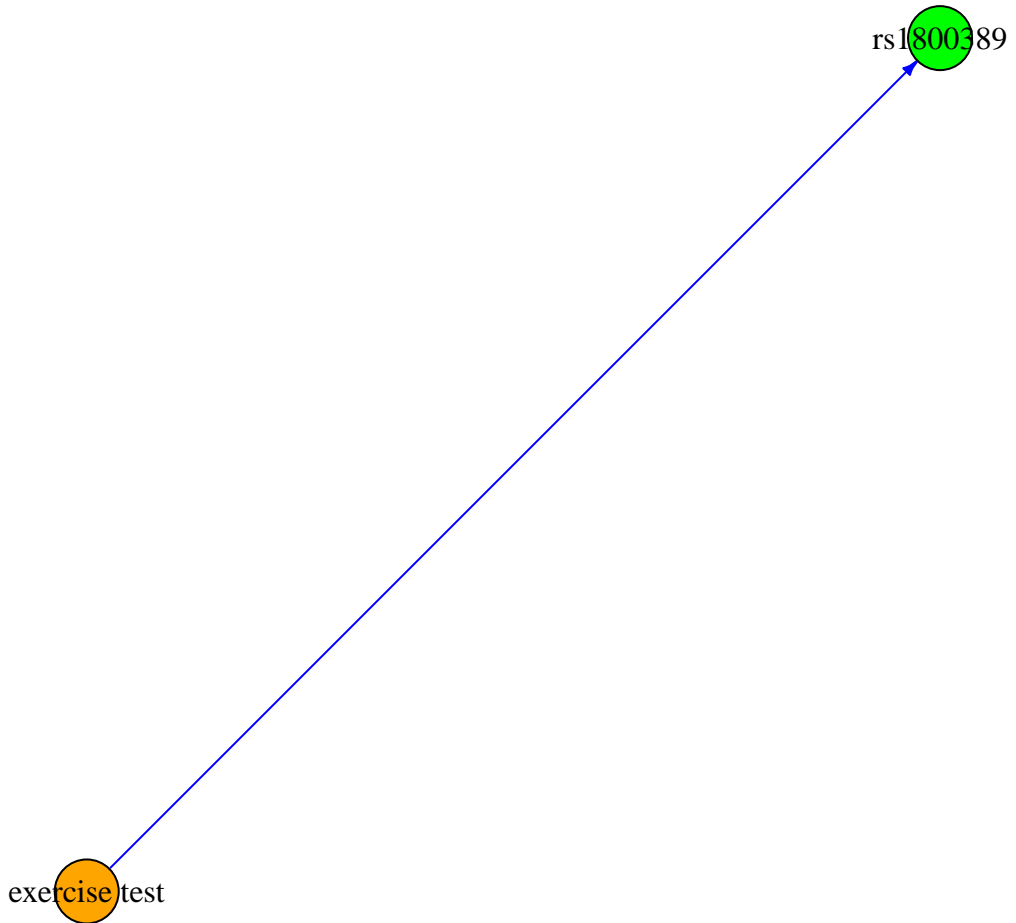


## Variant–Disease Network (physical activity)

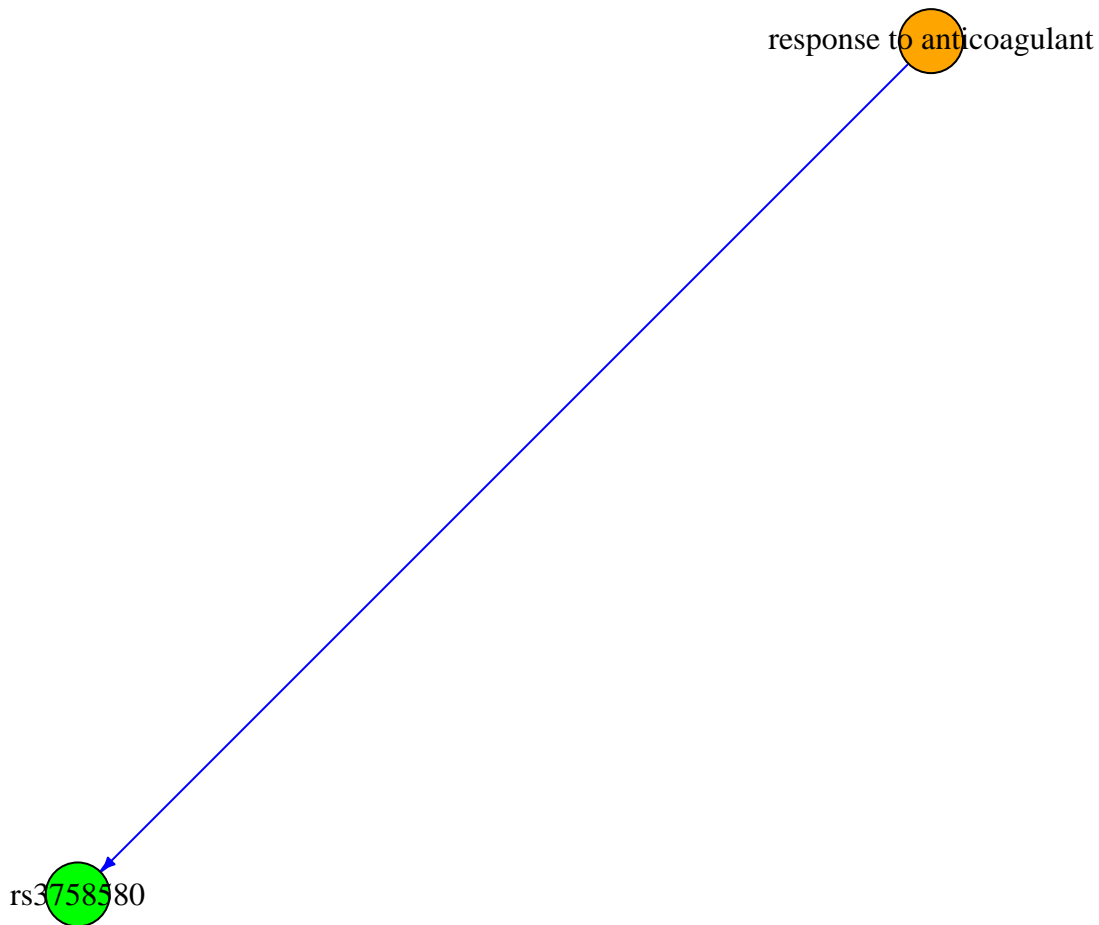




## Variant–Disease Network (exercise test)

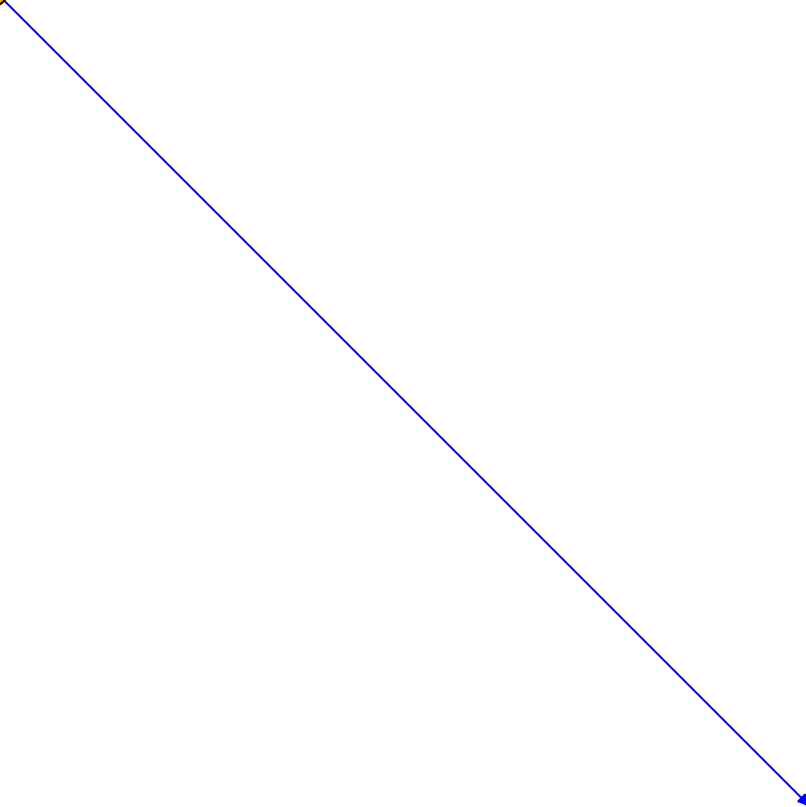


## Variant–Disease Network (response to anticoagulant)



# Variant–Disease Network (response to platelet aggregation inhibitor)

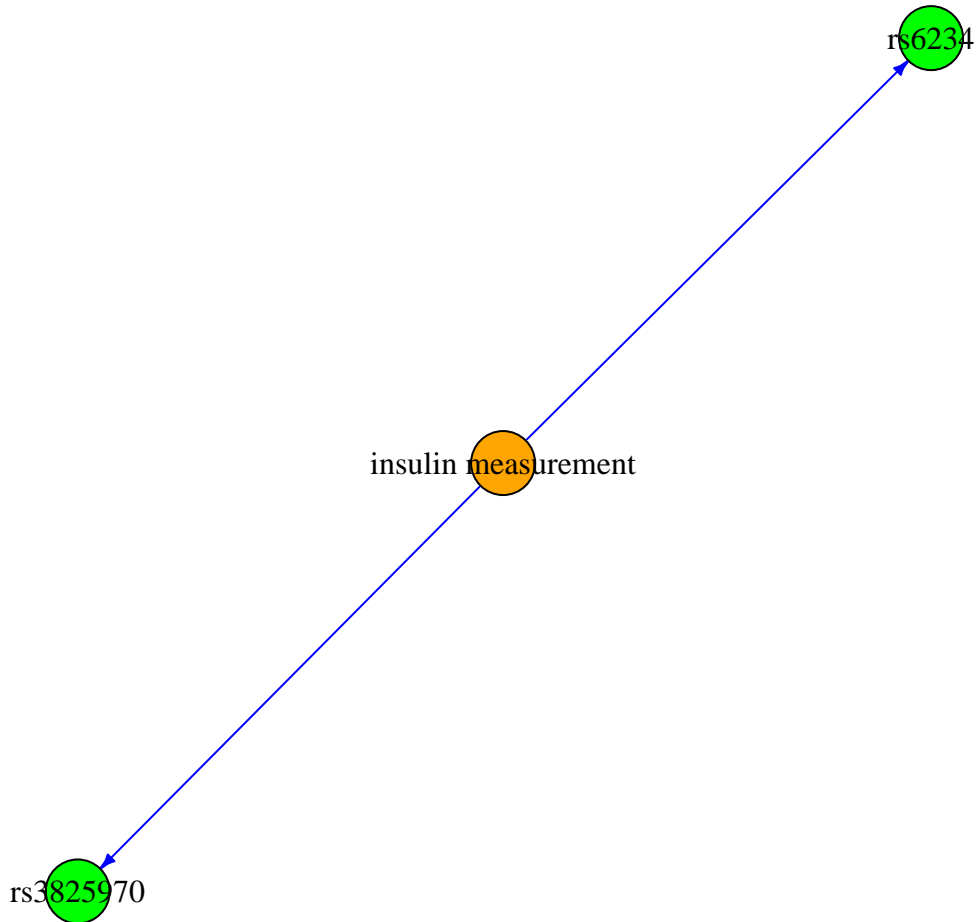
response to platelet aggregation inhibitor



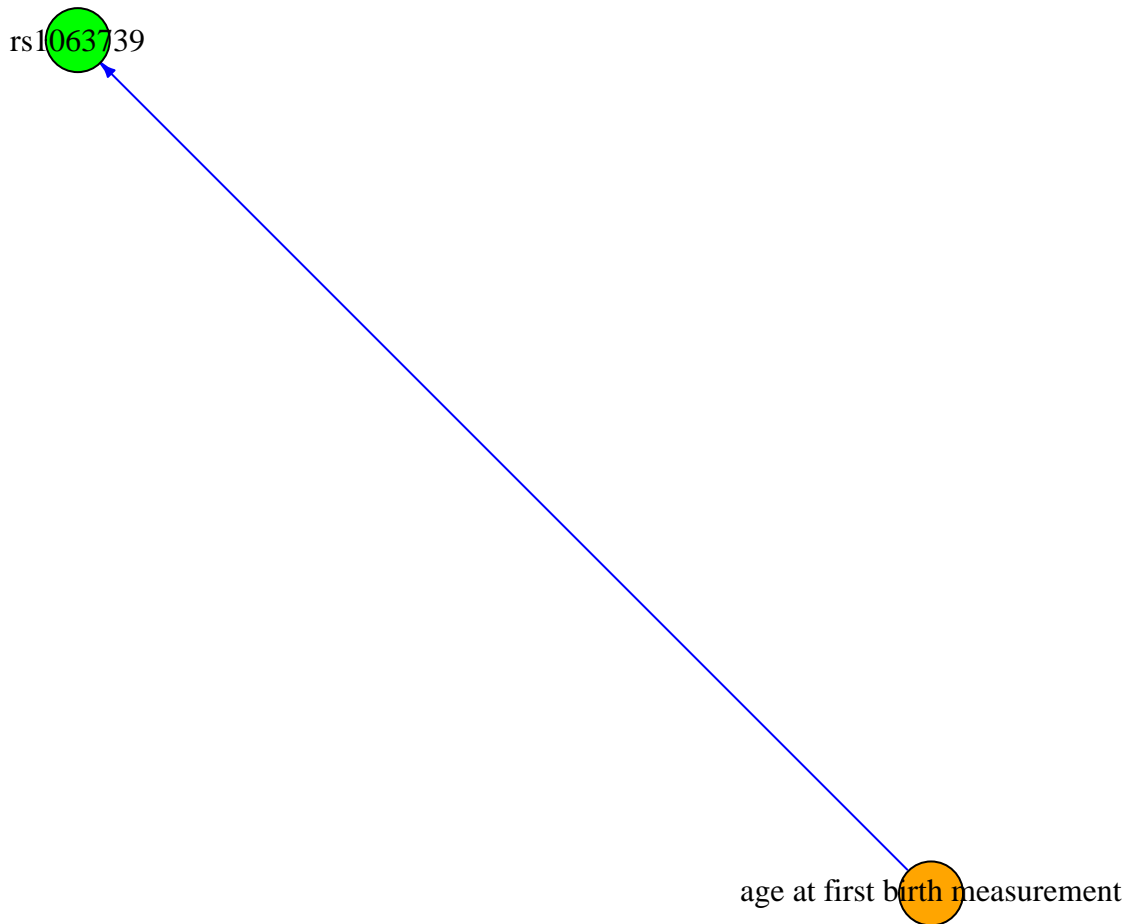
rs3758580



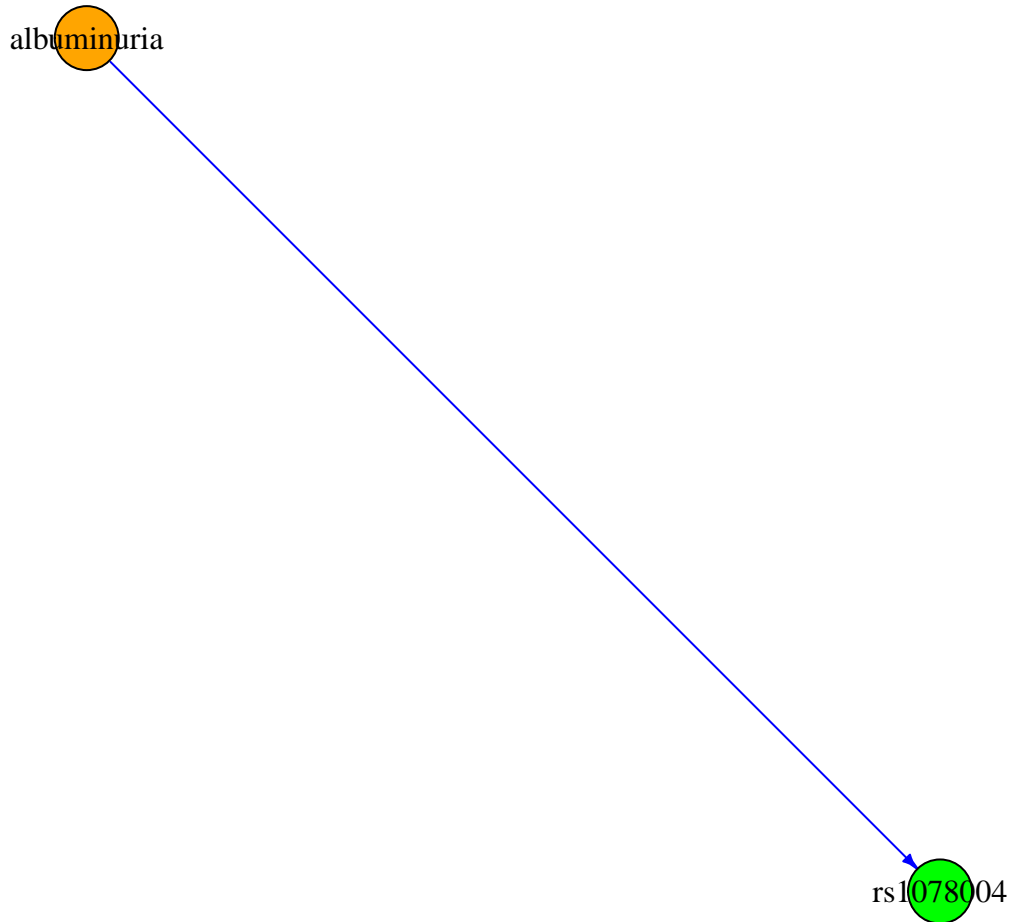
## Variant–Disease Network (insulin measurement)



## Variant–Disease Network (age at first birth measurement)



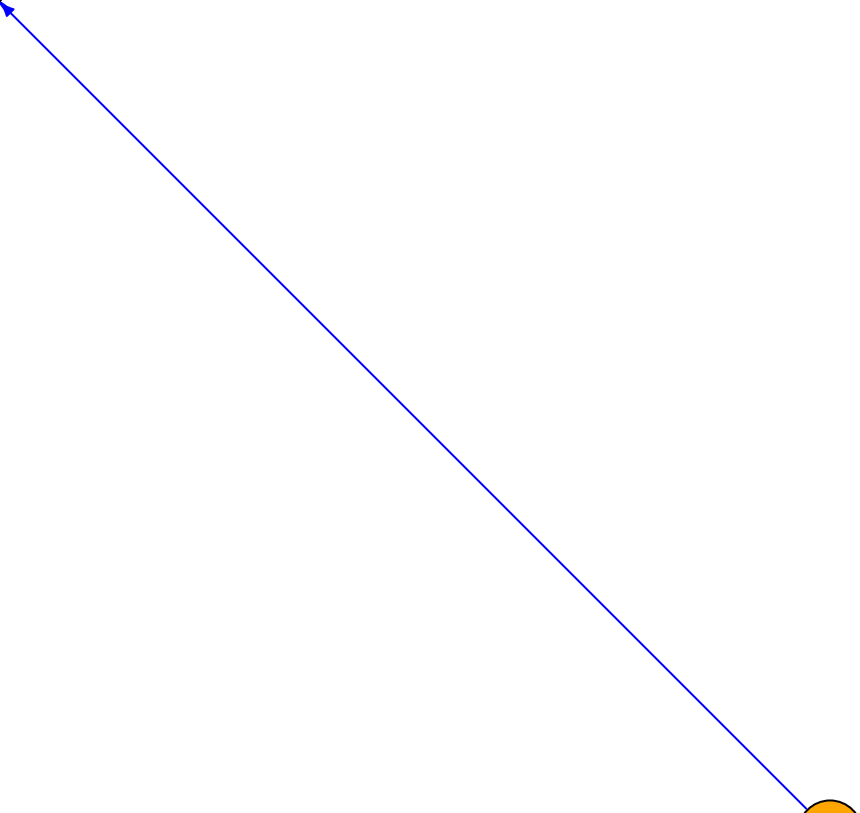
## Variant-Disease Network (albuminuria)



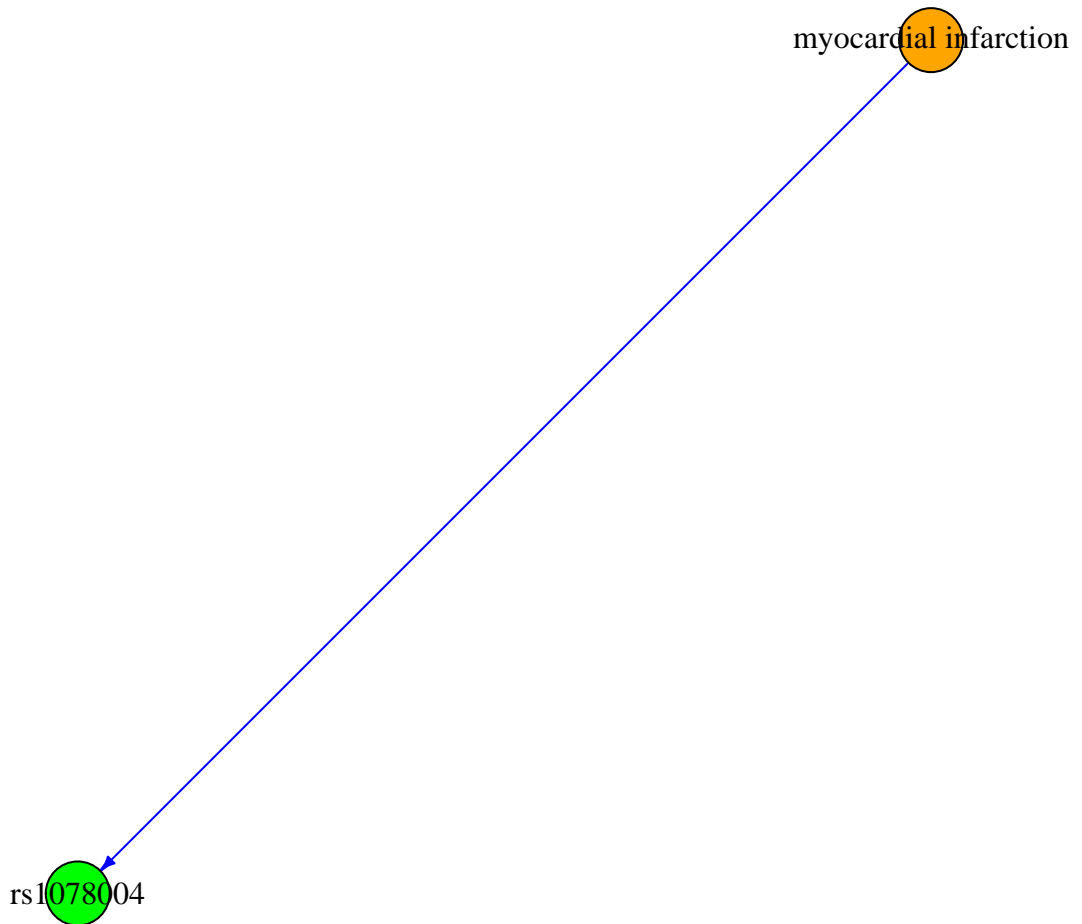
# Variant–Disease Network (blood osmolality measurement)

rs1078004

blood osmolality measurement



## Variant–Disease Network (myocardial infarction)





## Variant–Disease Network (body weight)

body weight

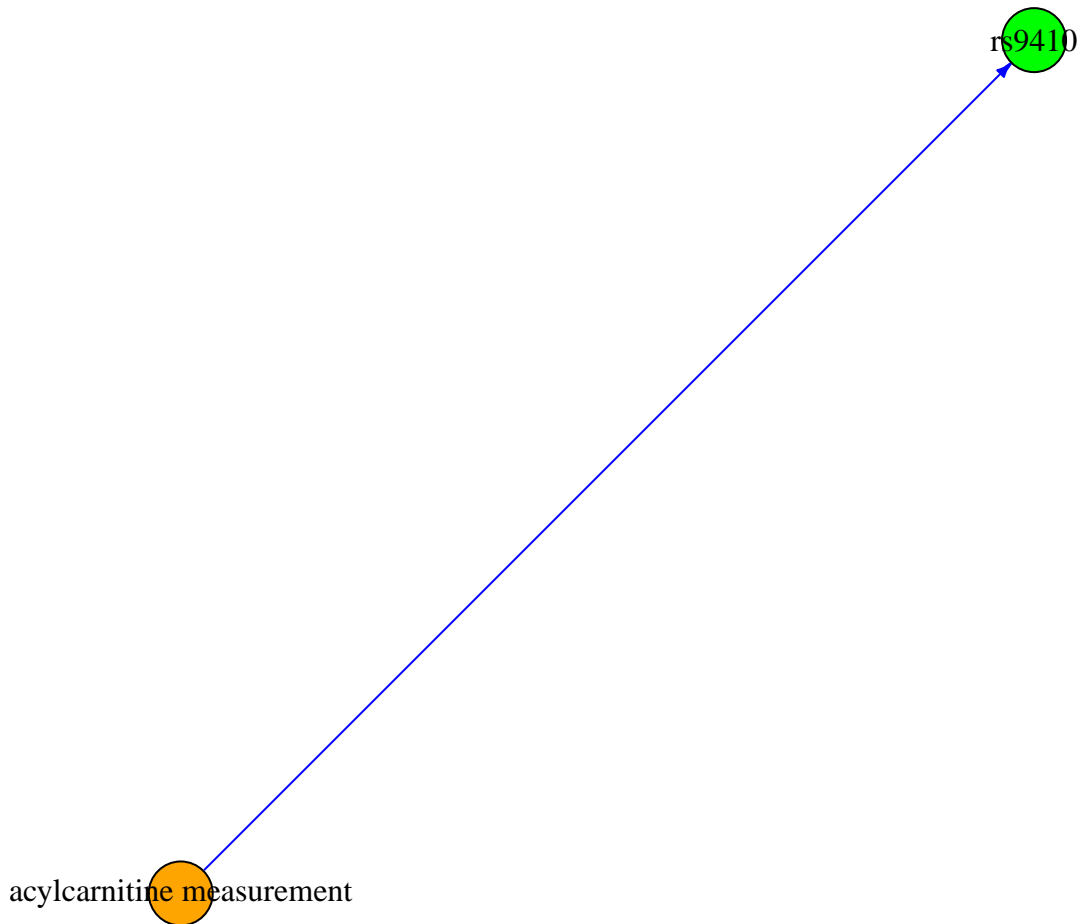


```
graph TD; A((body weight)) --> B((rs6876883))
```

The diagram illustrates a directed relationship within a Variant–Disease Network. It features two nodes: an orange circular node at the top left labeled 'body weight' and a green circular node at the bottom right labeled 'rs6876883'. A blue arrow points from the 'body weight' node to the 'rs6876883' node, indicating a directed association or causal link between the trait and the genetic variant.

rs6876883

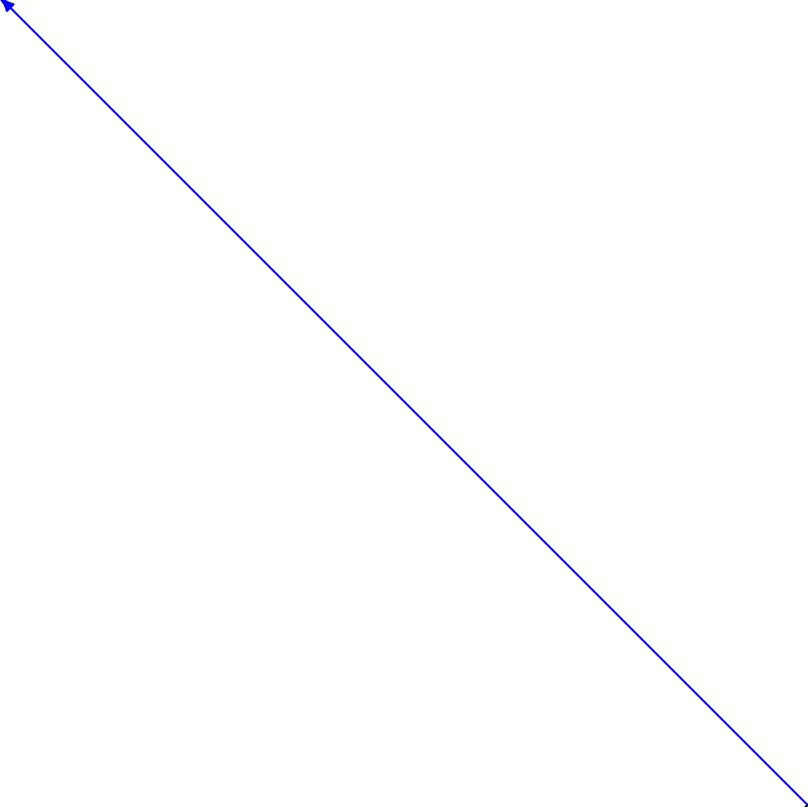
## Variant–Disease Network (acylcarnitine measurement)



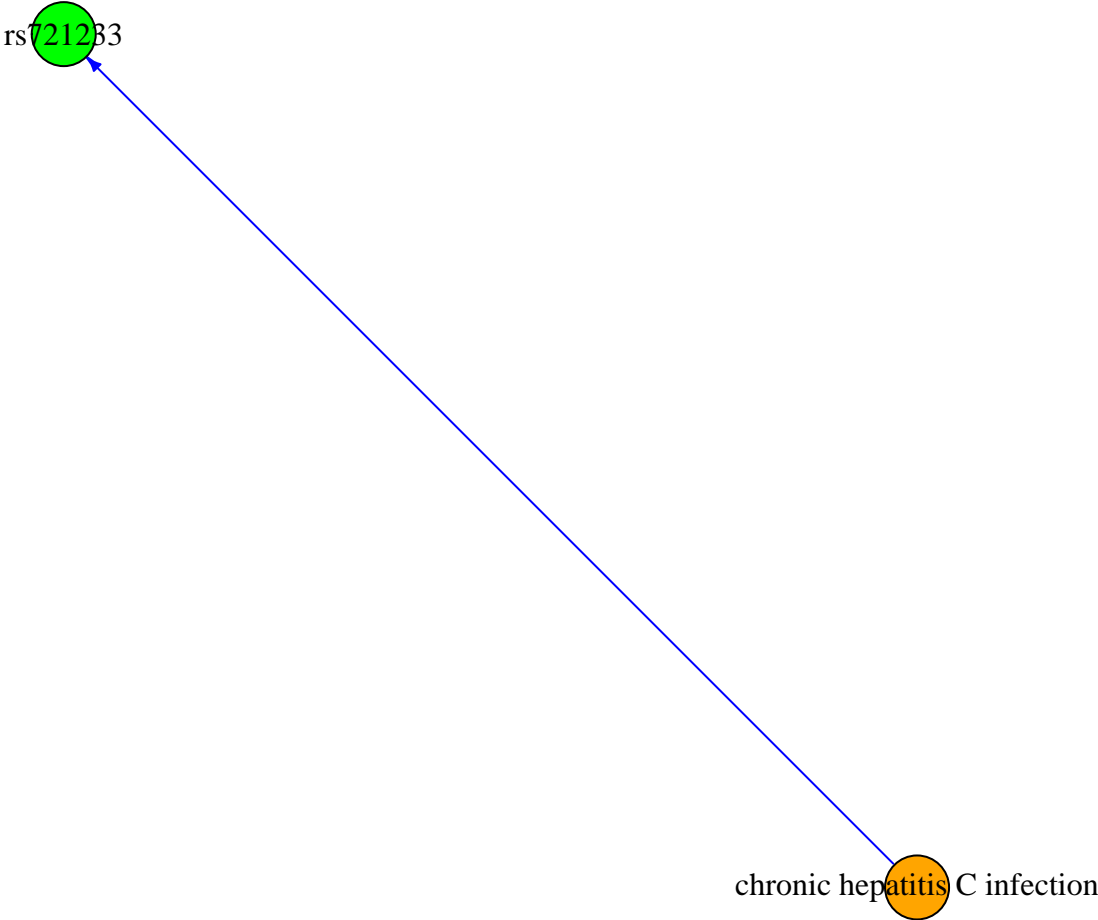
# Variant–Disease Network (peptidyl–prolyl cis–trans isomerase D measurement)

rs94110

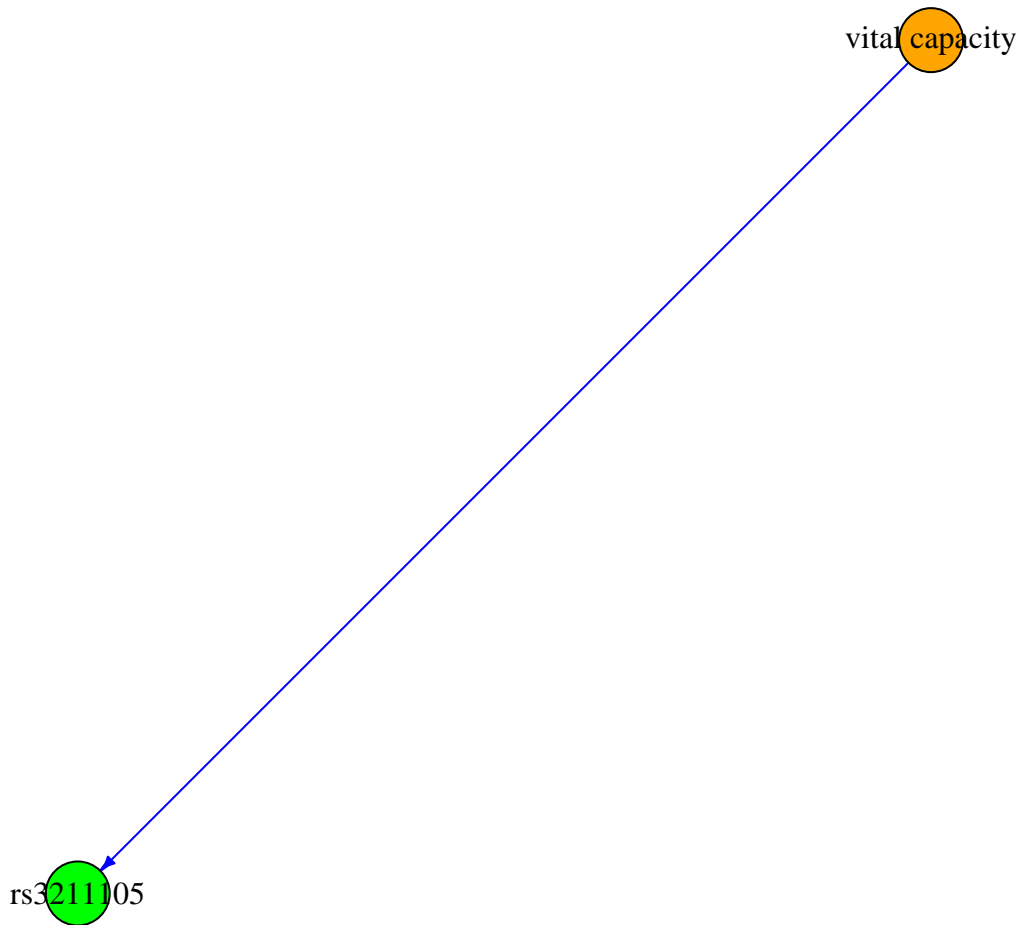
peptidyl–prolyl cis–trans isomerase D measurement



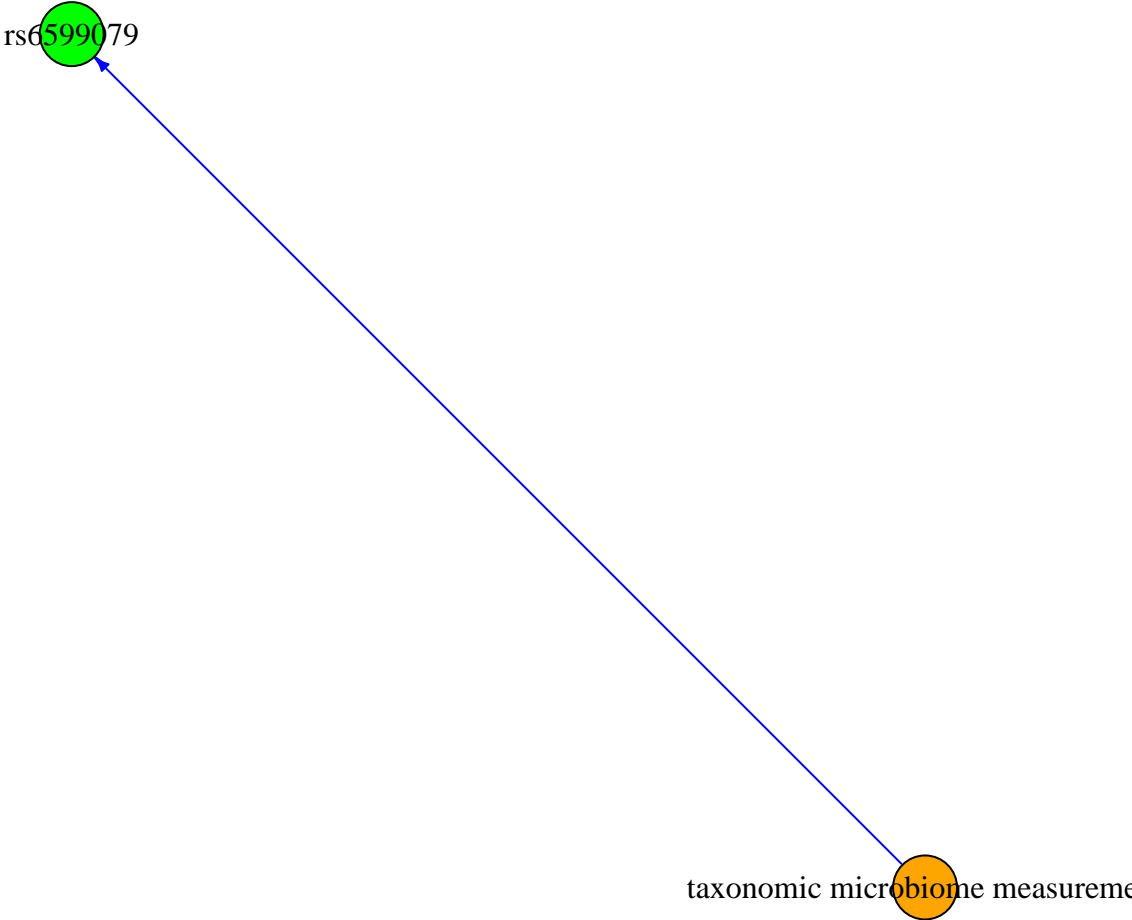
**Variant–Disease Network (chronic hepatitis C infection)**



## Variant-Disease Network (vital capacity)

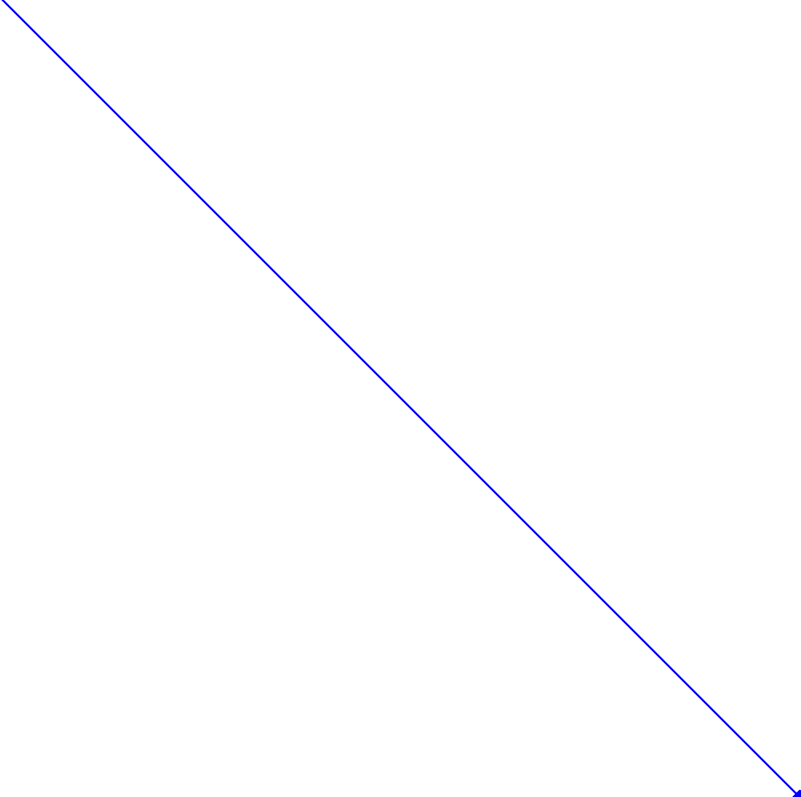


Variant–Disease Network (taxonomic microbiome measurement)



# Variant–Disease Network (fibroblast growth factor basic measurement)

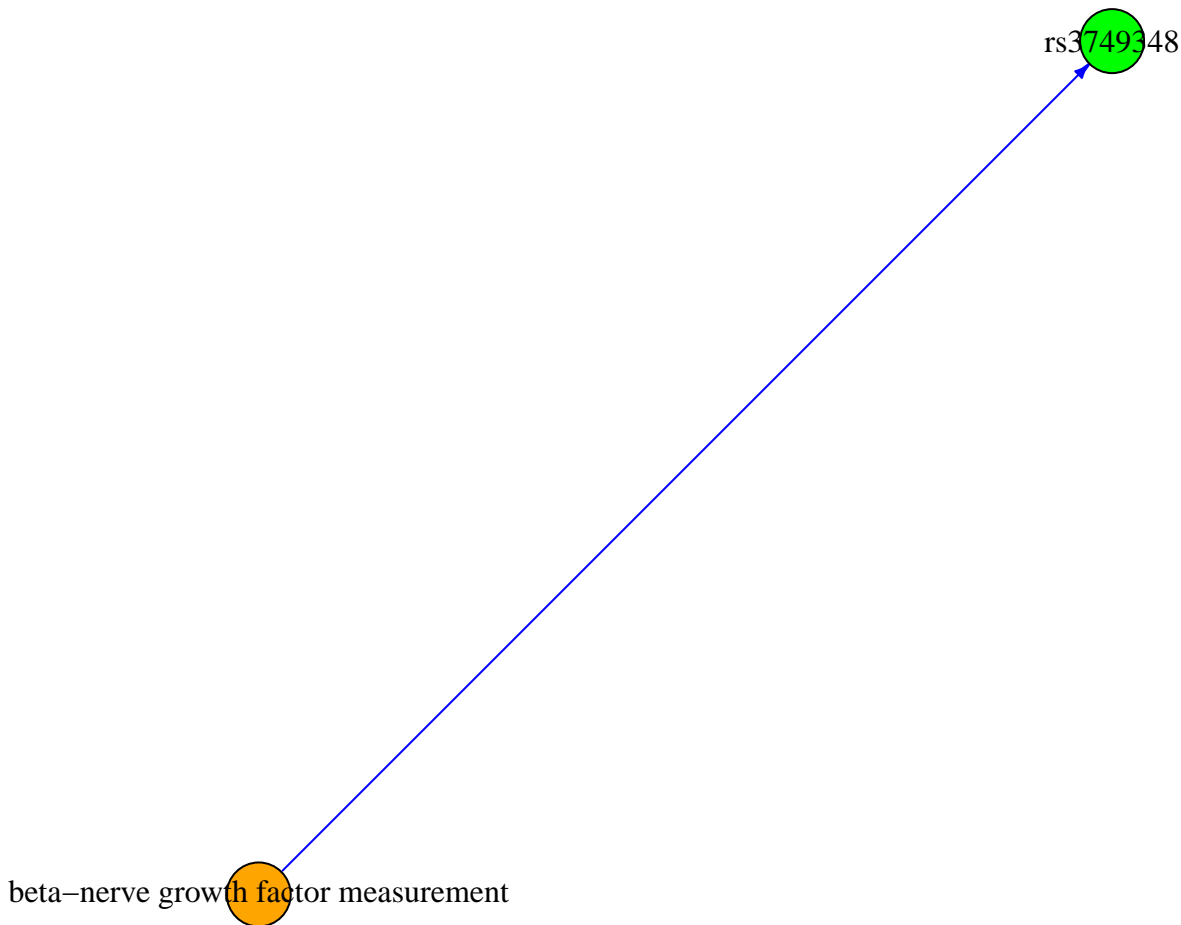
fibroblast growth factor basic measurement



rs2004649

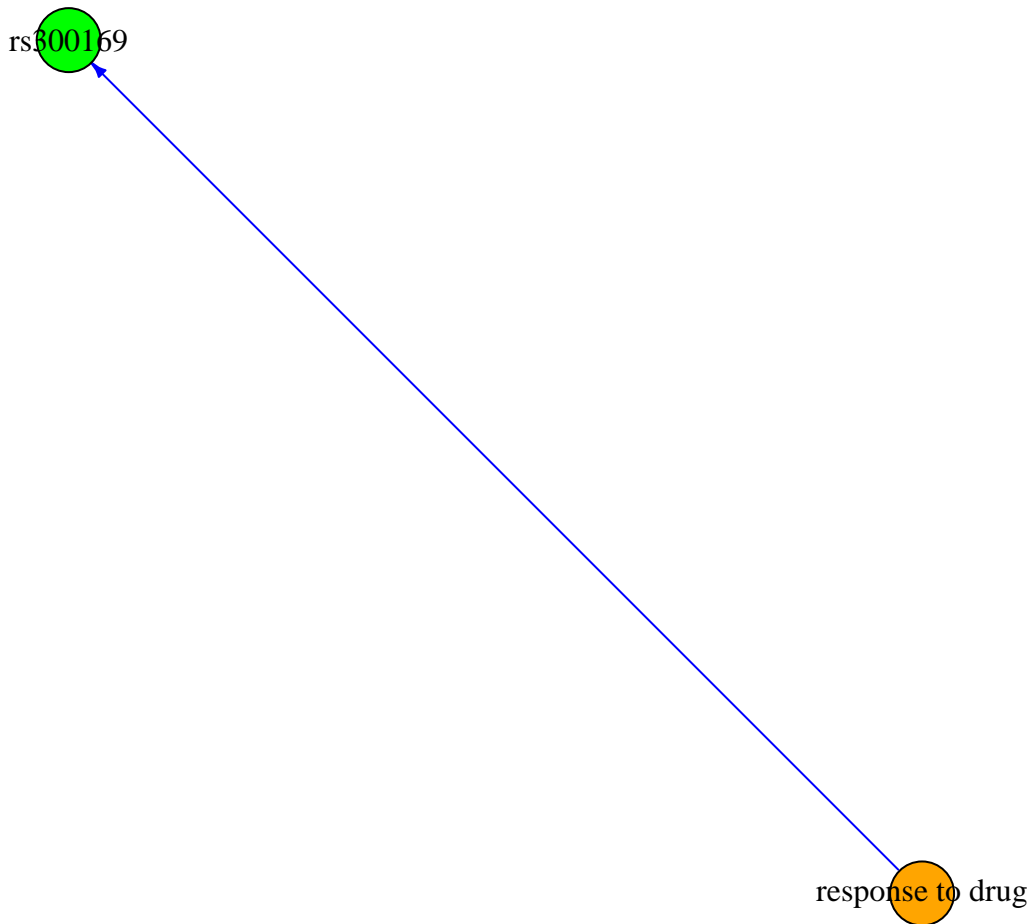


# Variant–Disease Network (beta–nerve growth factor measurement)

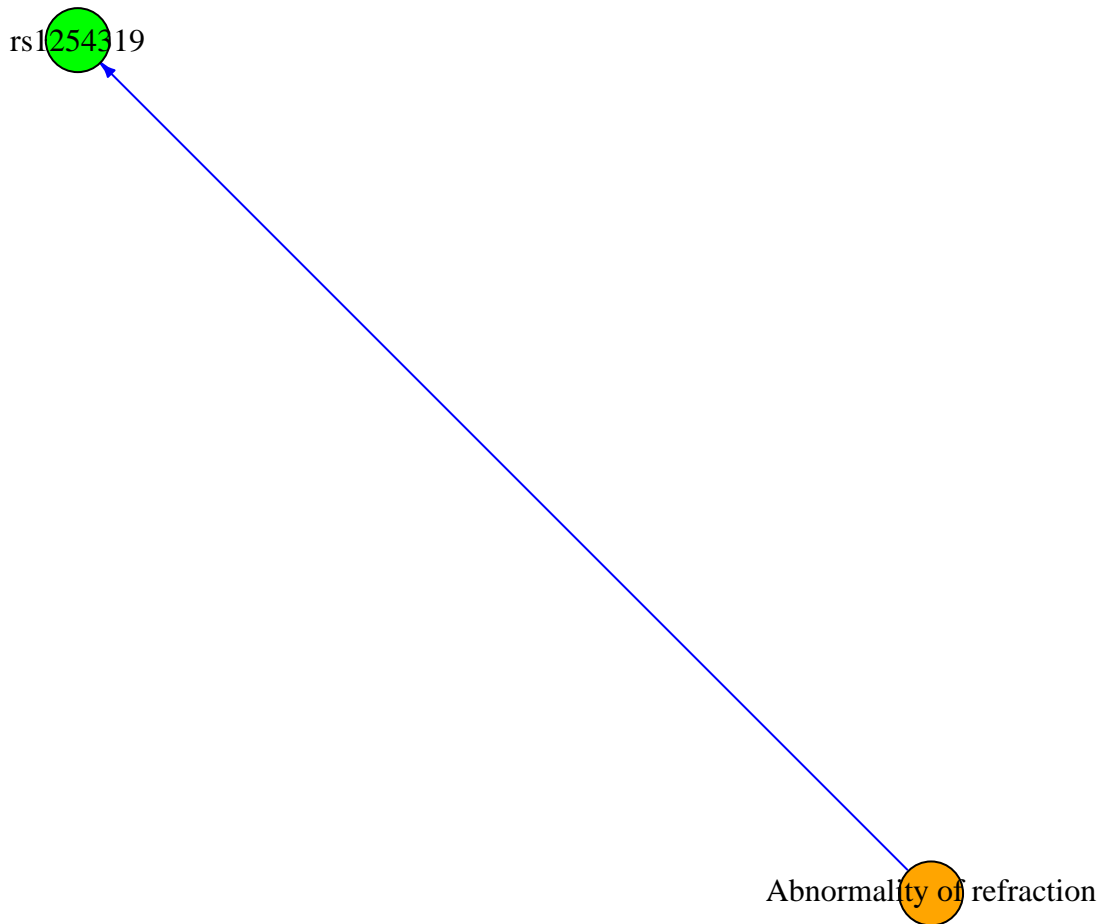




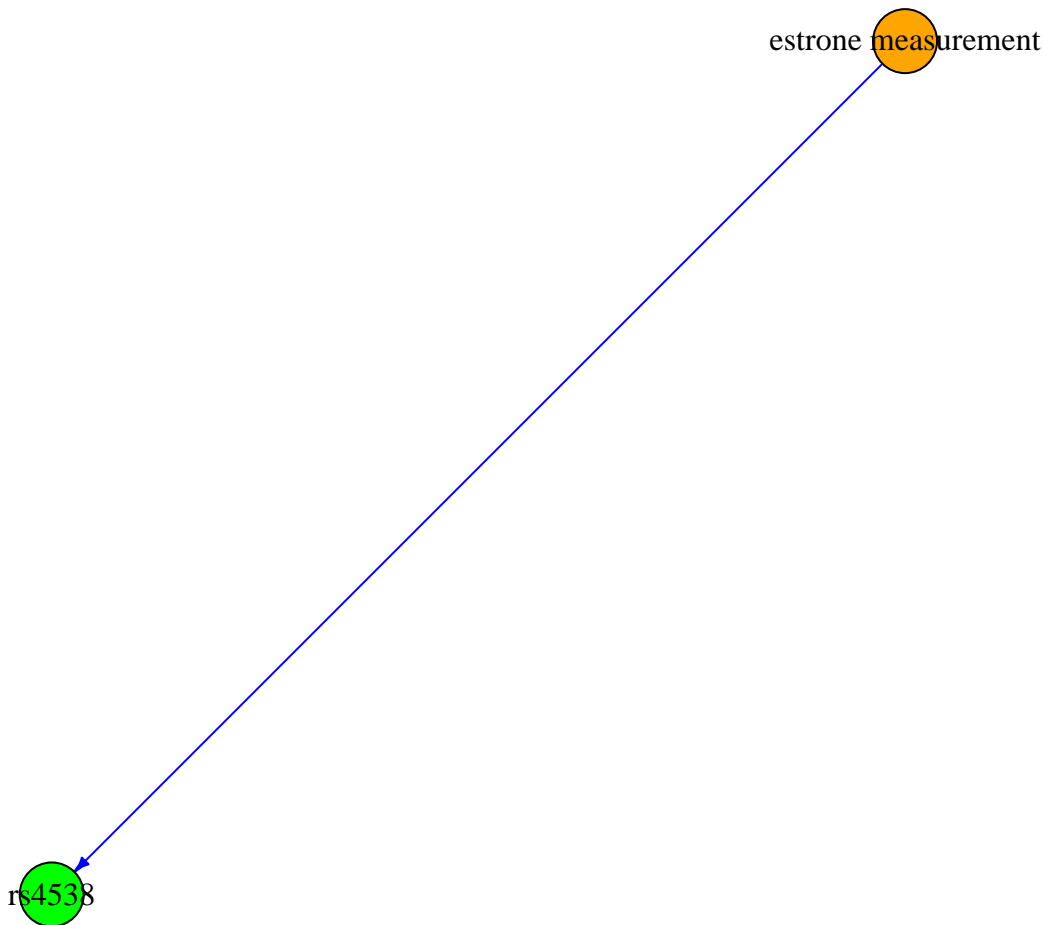
## Variant–Disease Network (response to drug)



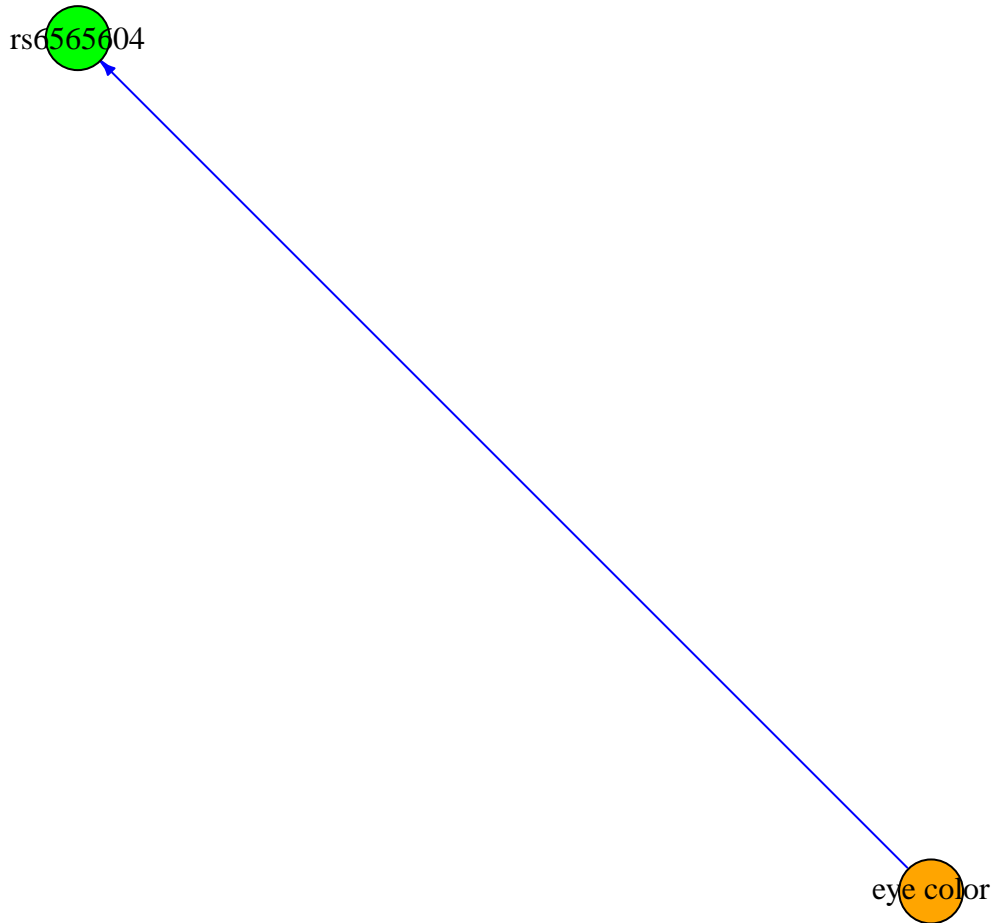
## Variant–Disease Network (Abnormality of refraction)



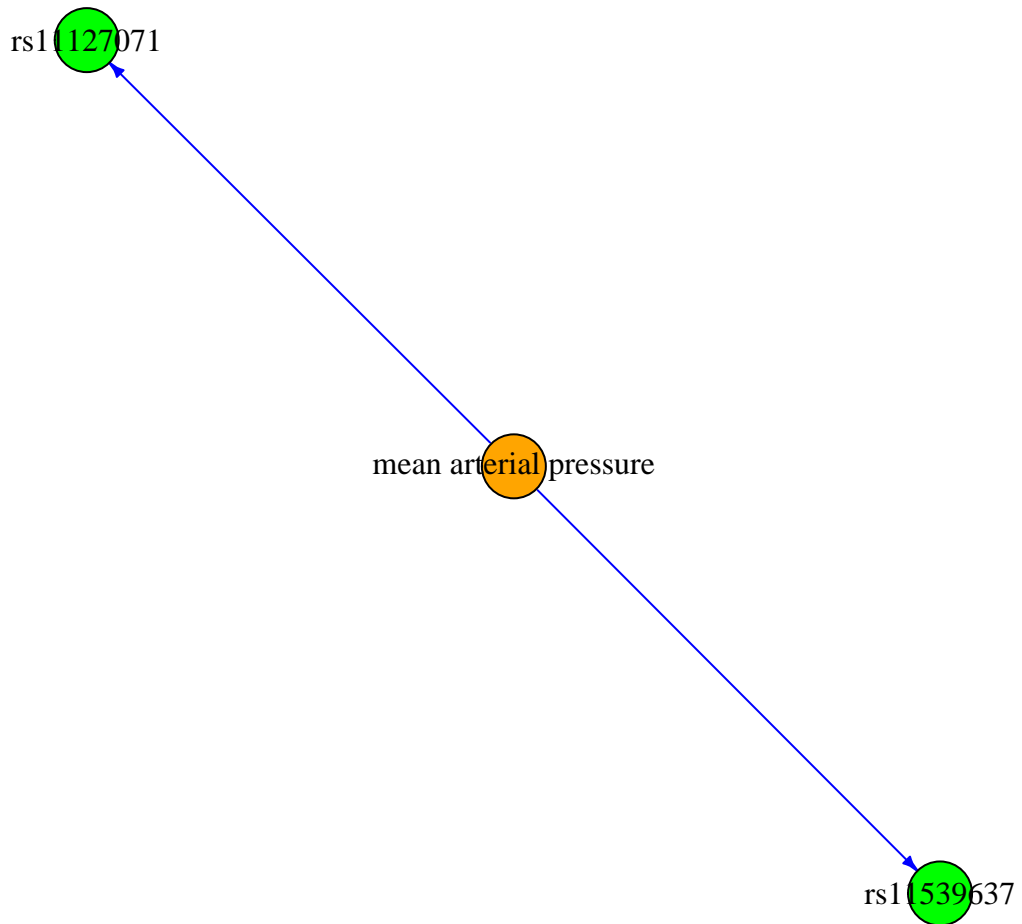
# Variant–Disease Network (estrone measurement)



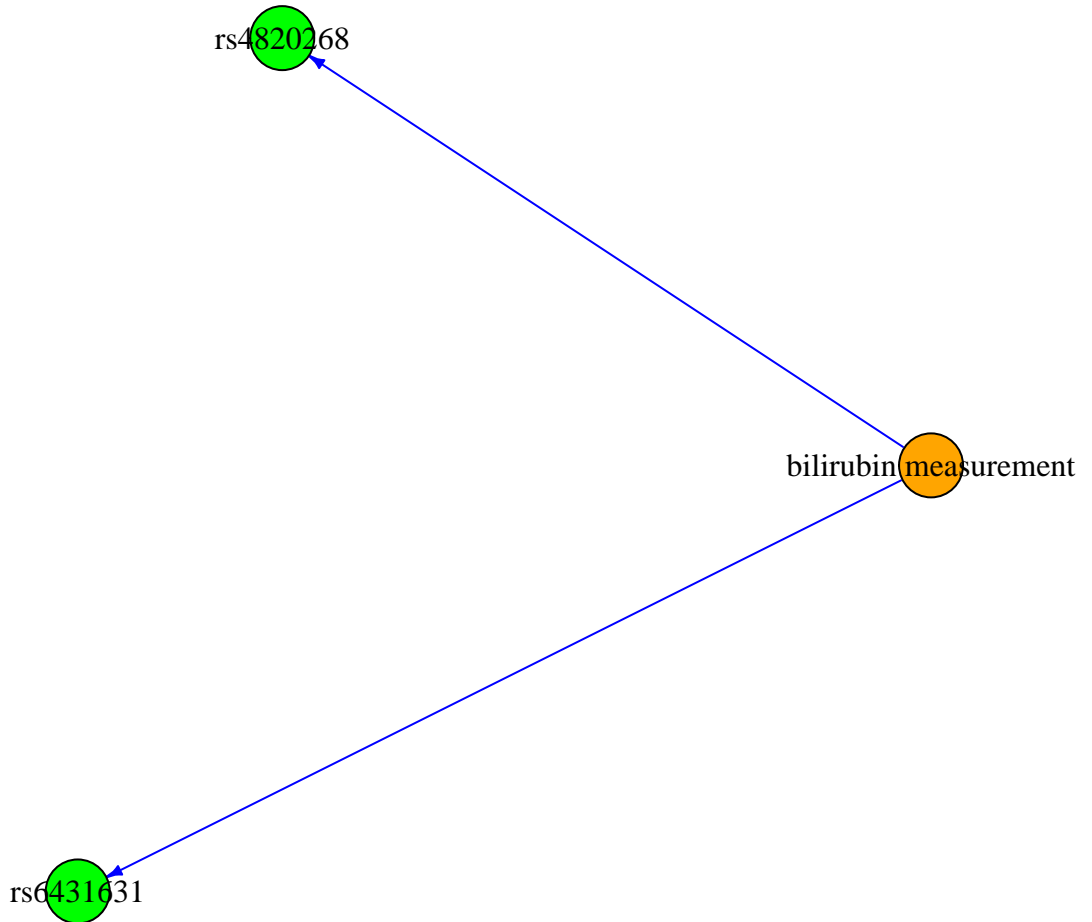
## Variant-Disease Network (eye color)



## Variant-Disease Network (mean arterial pressure)



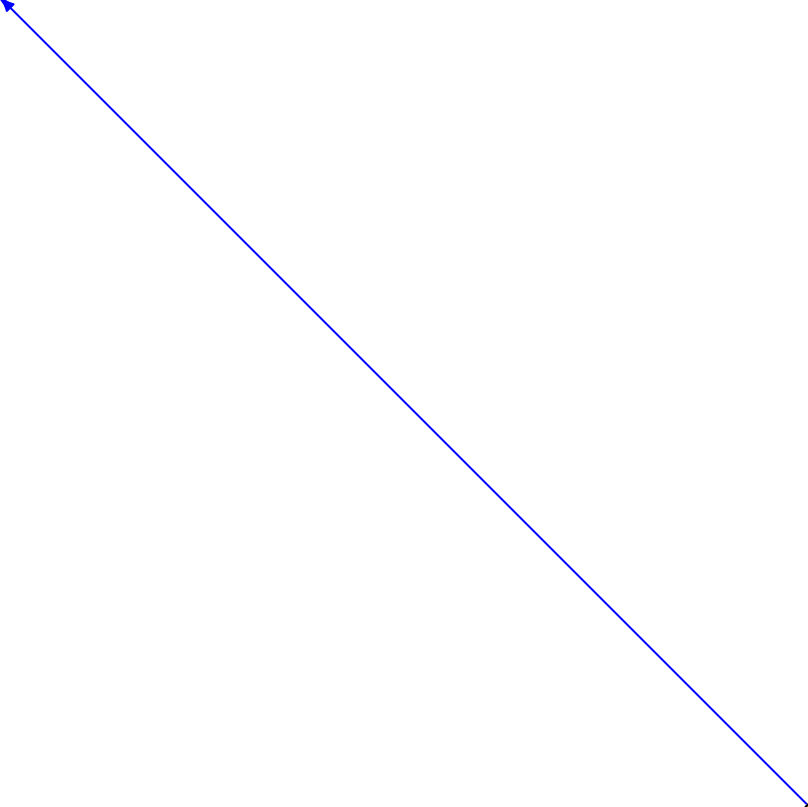
## Variant-Disease Network (bilirubin measurement)



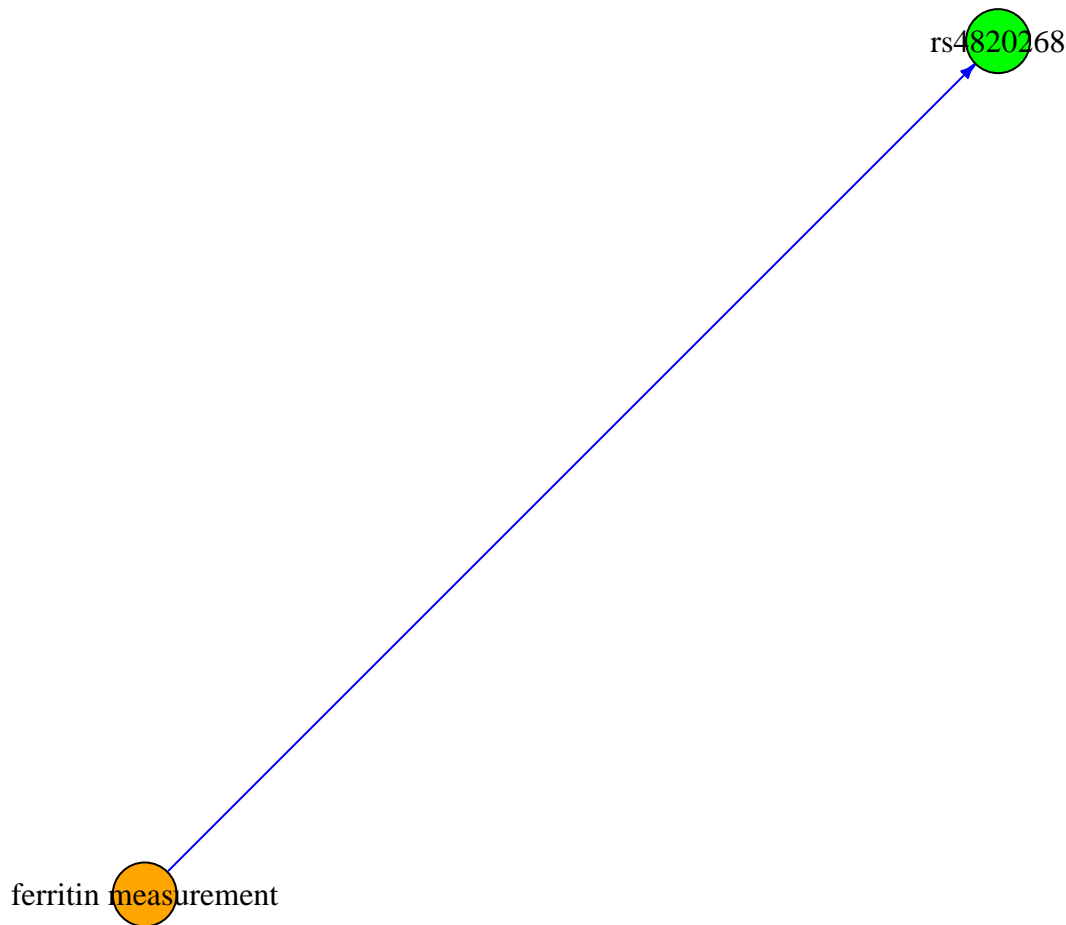
# Variant–Disease Network (clinical laboratory measurement)

rs4820268

clinical laboratory measurement

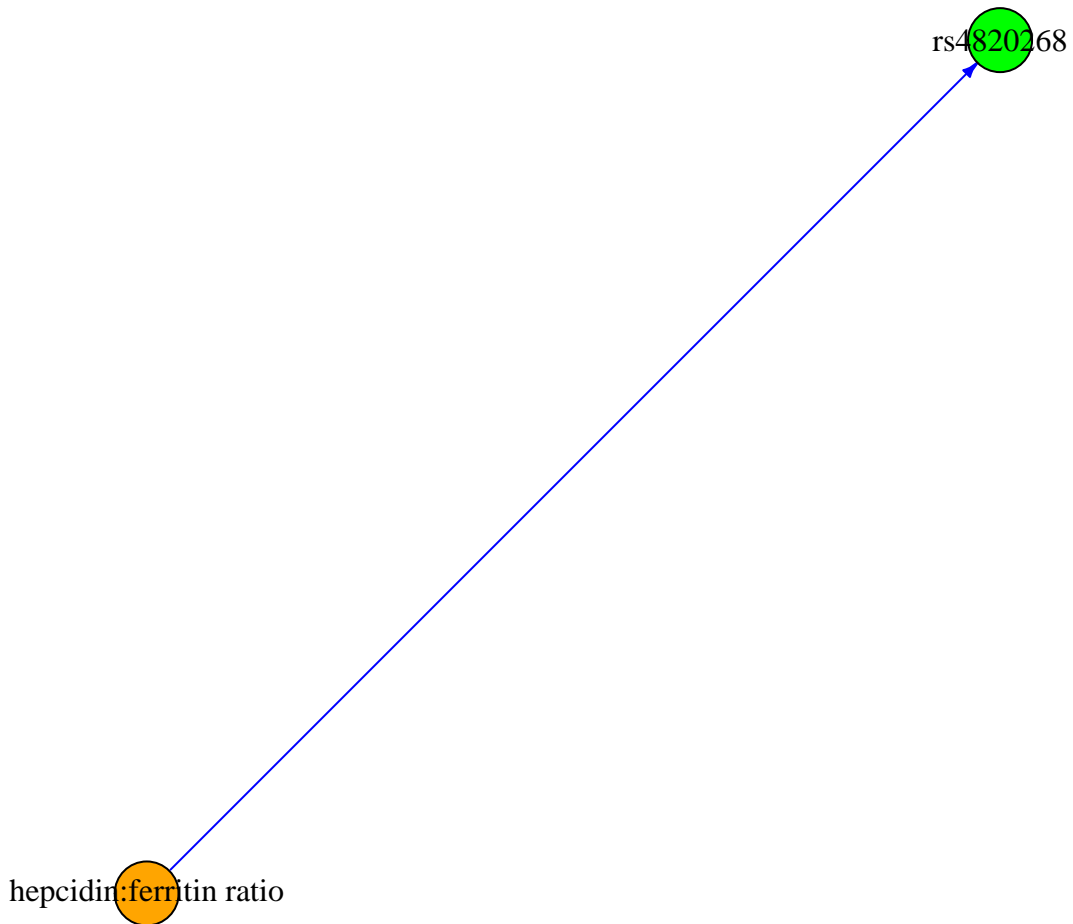


## Variant–Disease Network (ferritin measurement)

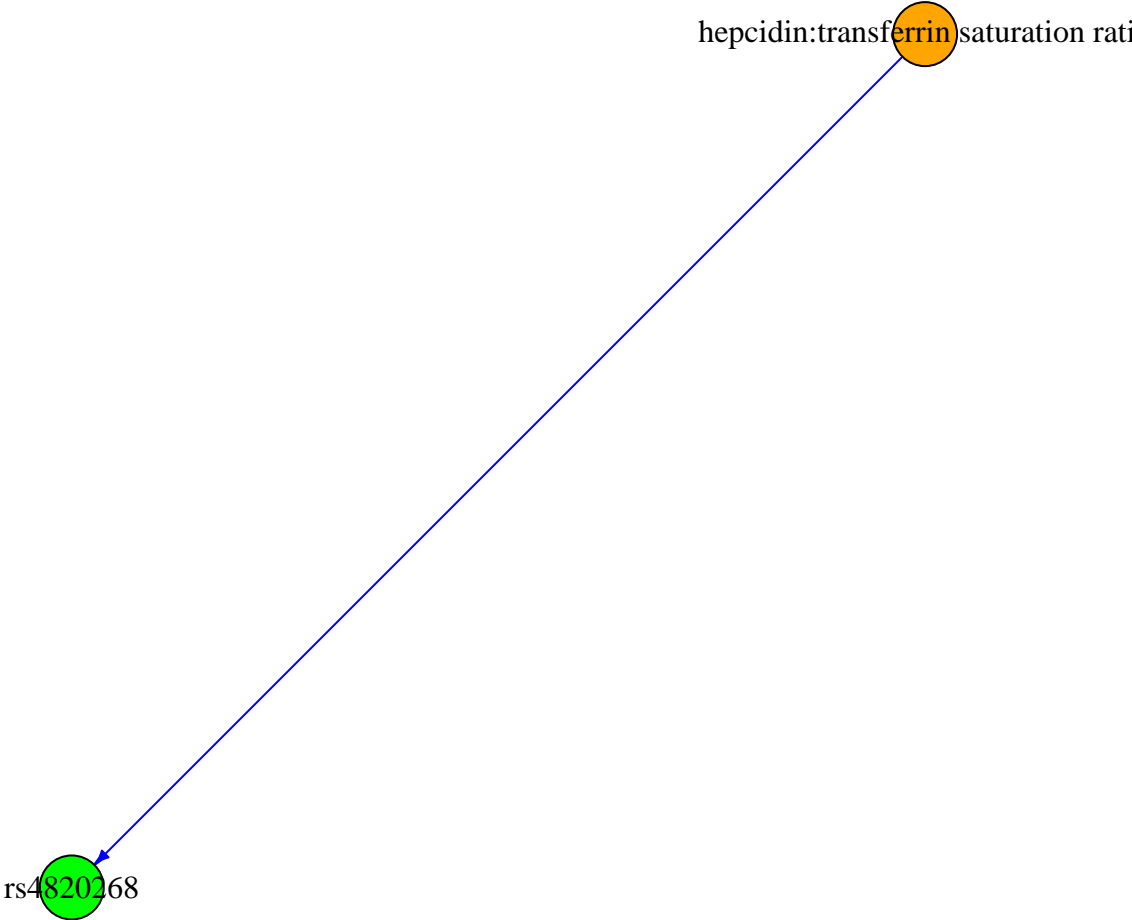




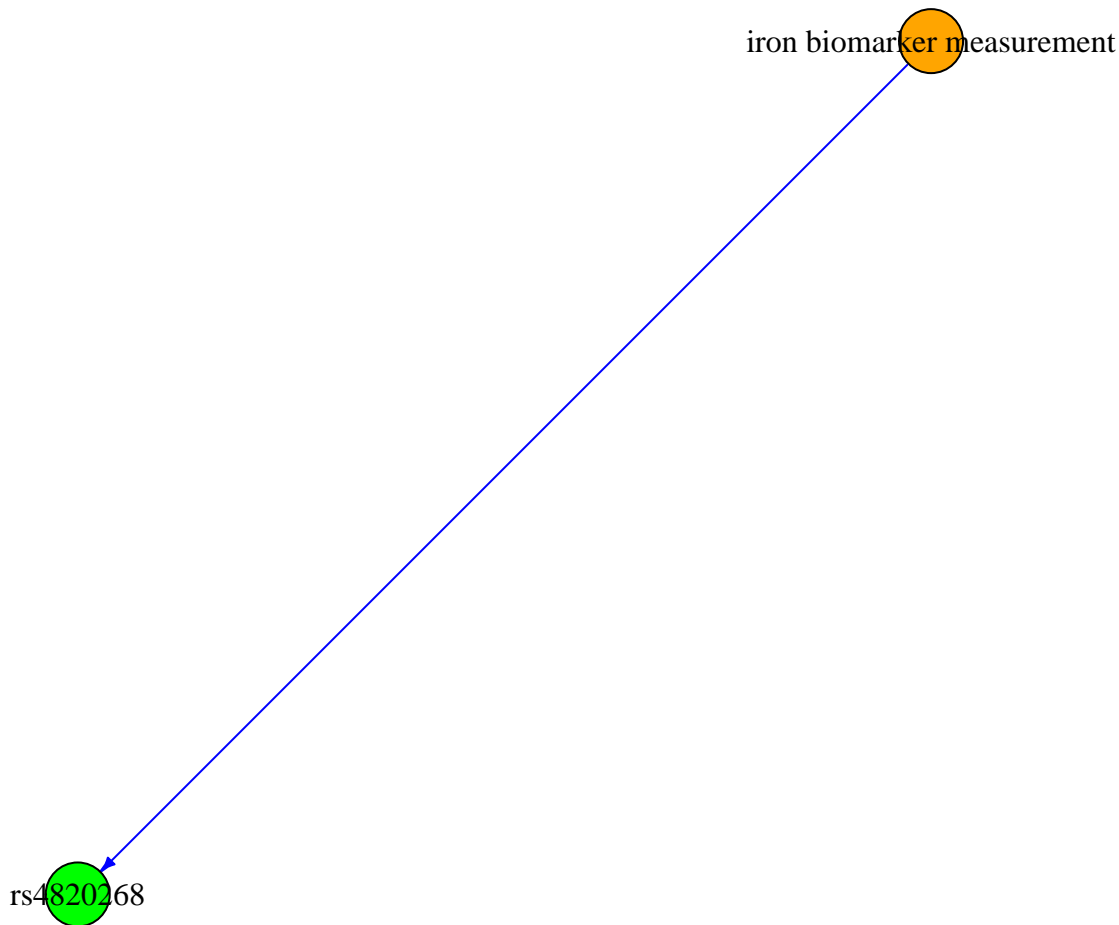
## Variant–Disease Network (hepcidin:ferritin ratio)



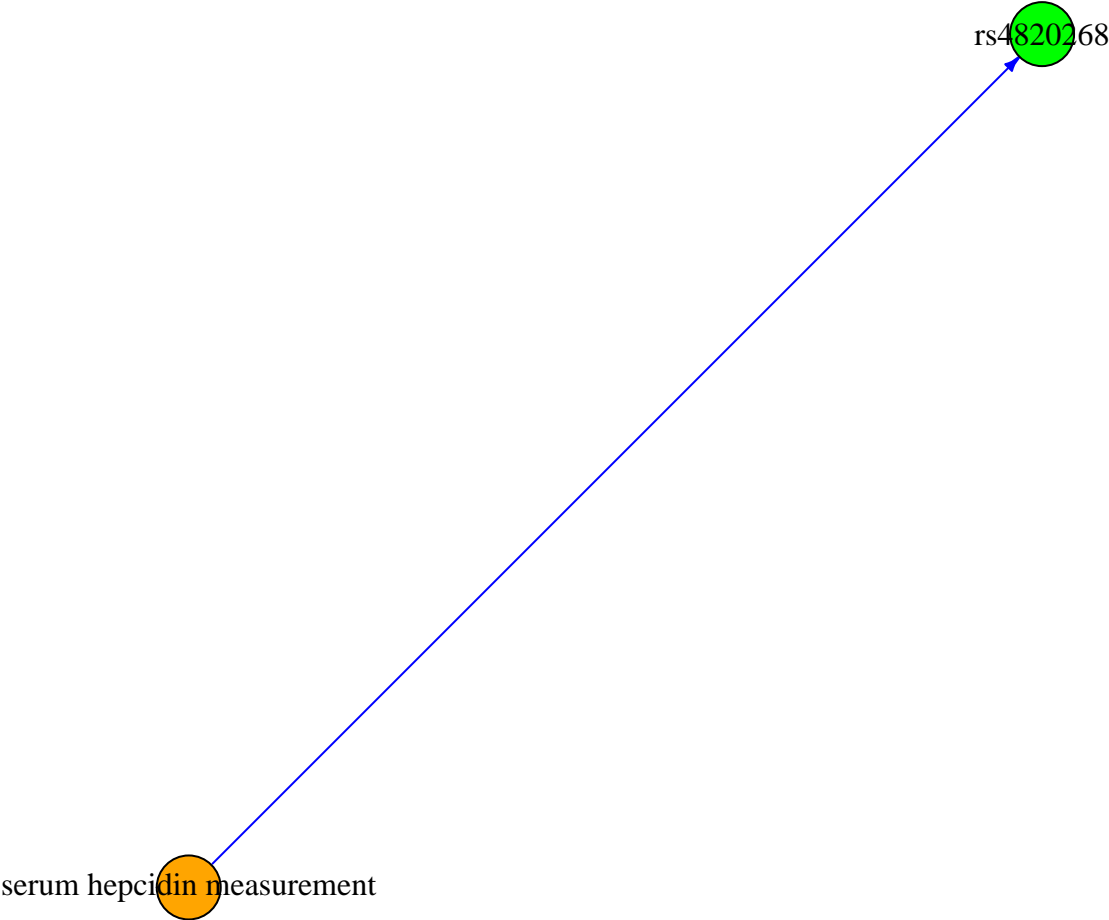
Variant–Disease Network (hepcidin:transferrin saturation ratio)



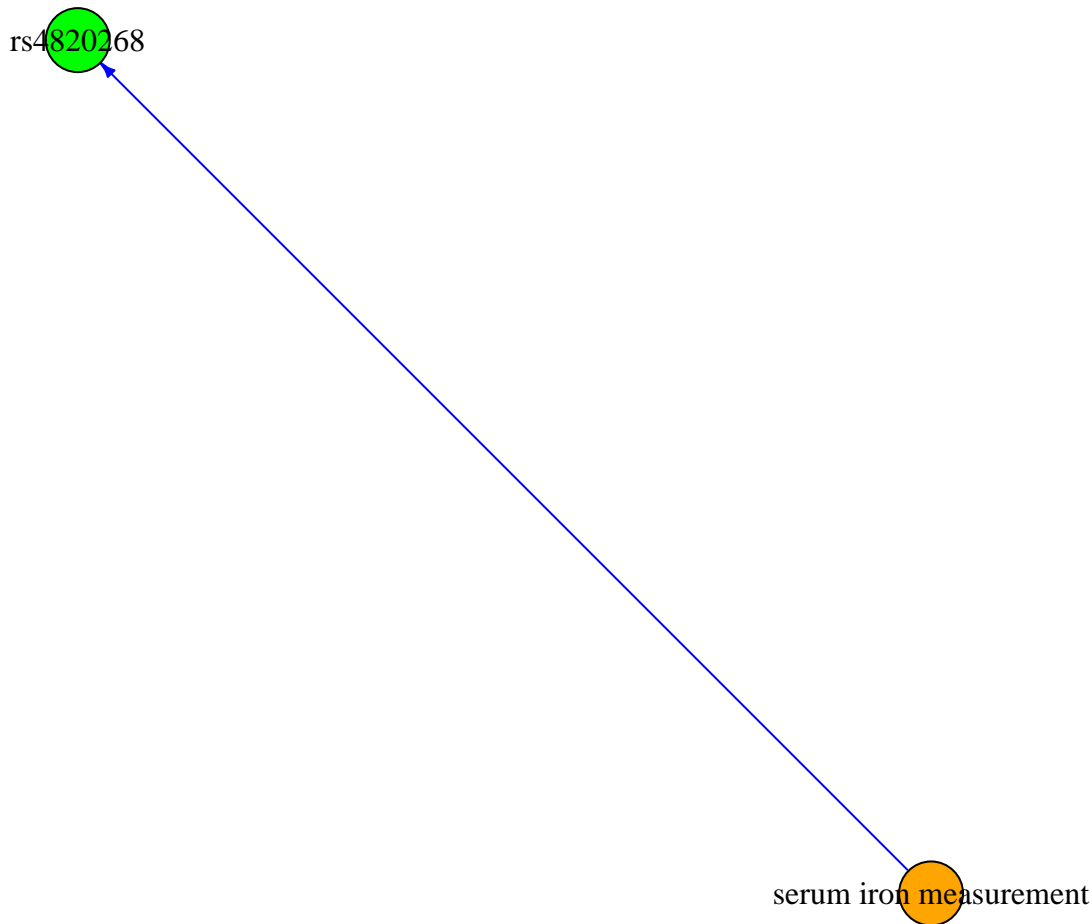
# Variant–Disease Network (iron biomarker measurement)



**Variant–Disease Network (serum hepcidin measurement)**

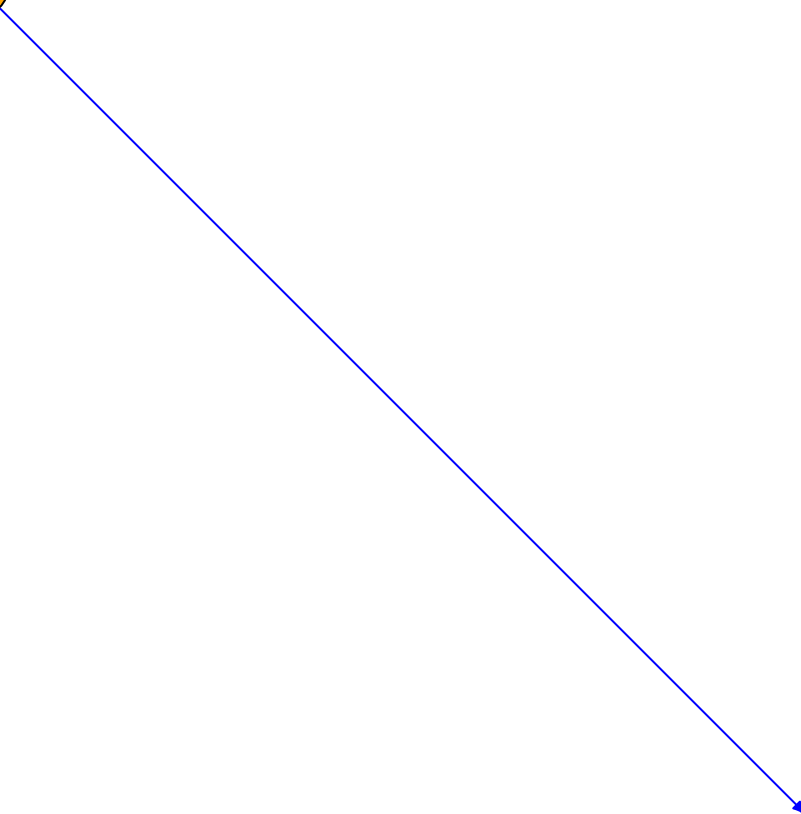


## Variant–Disease Network (serum iron measurement)



# Variant–Disease Network (soluble transferrin receptor measurement)

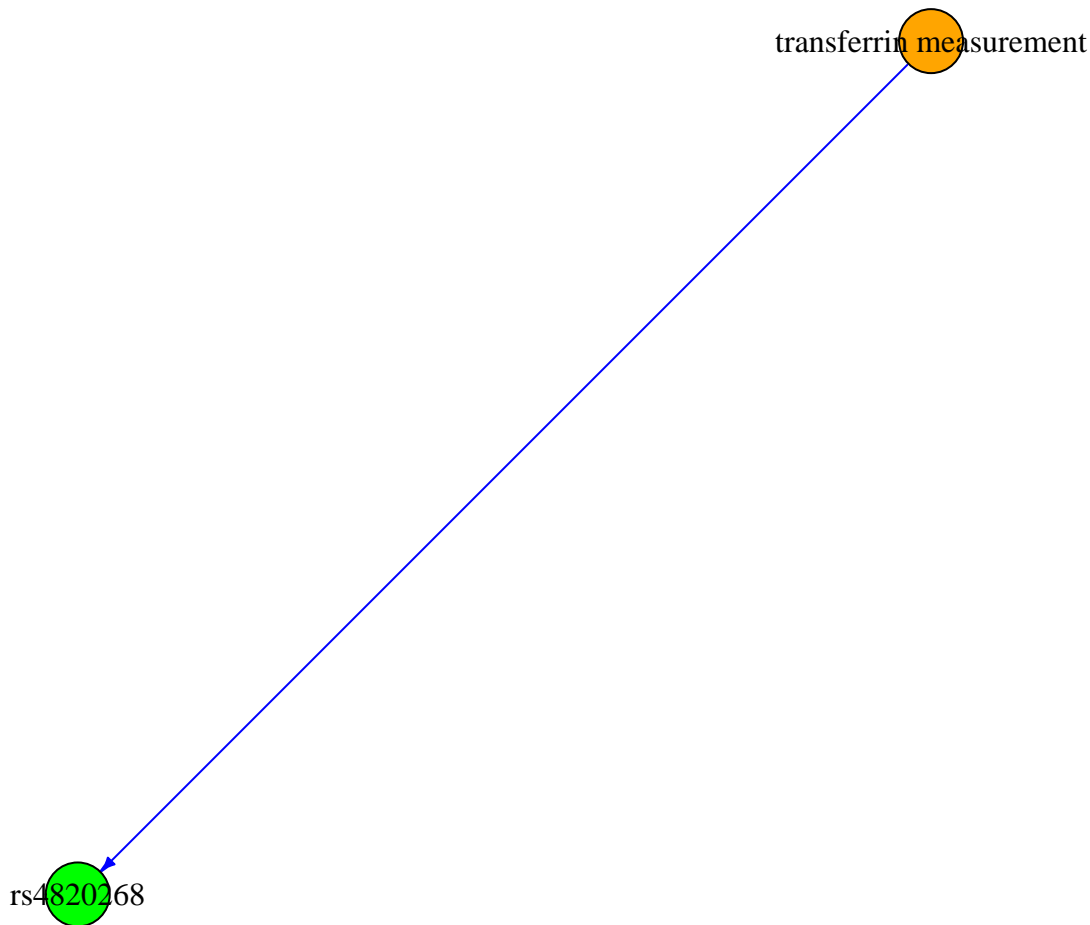
soluble transferrin receptor measurement



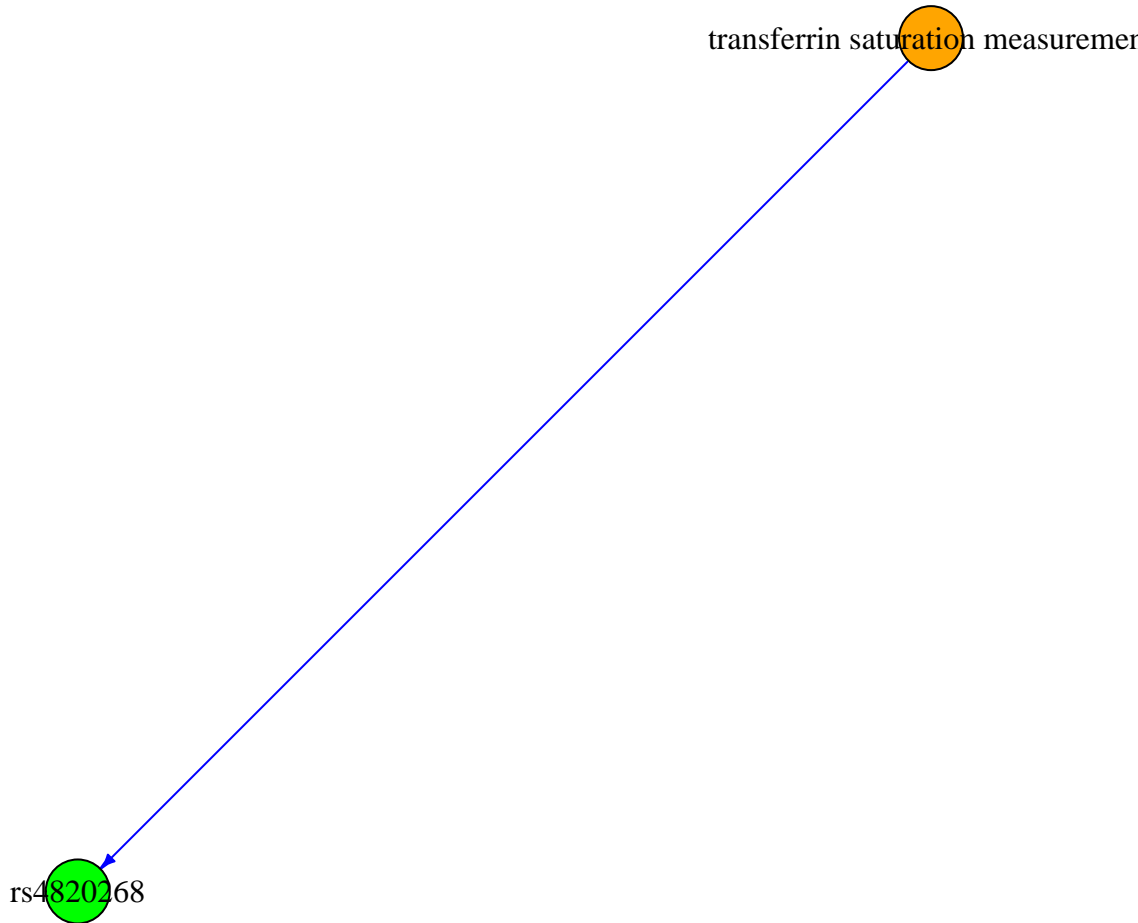
rs4820268



# Variant–Disease Network (transferrin measurement)

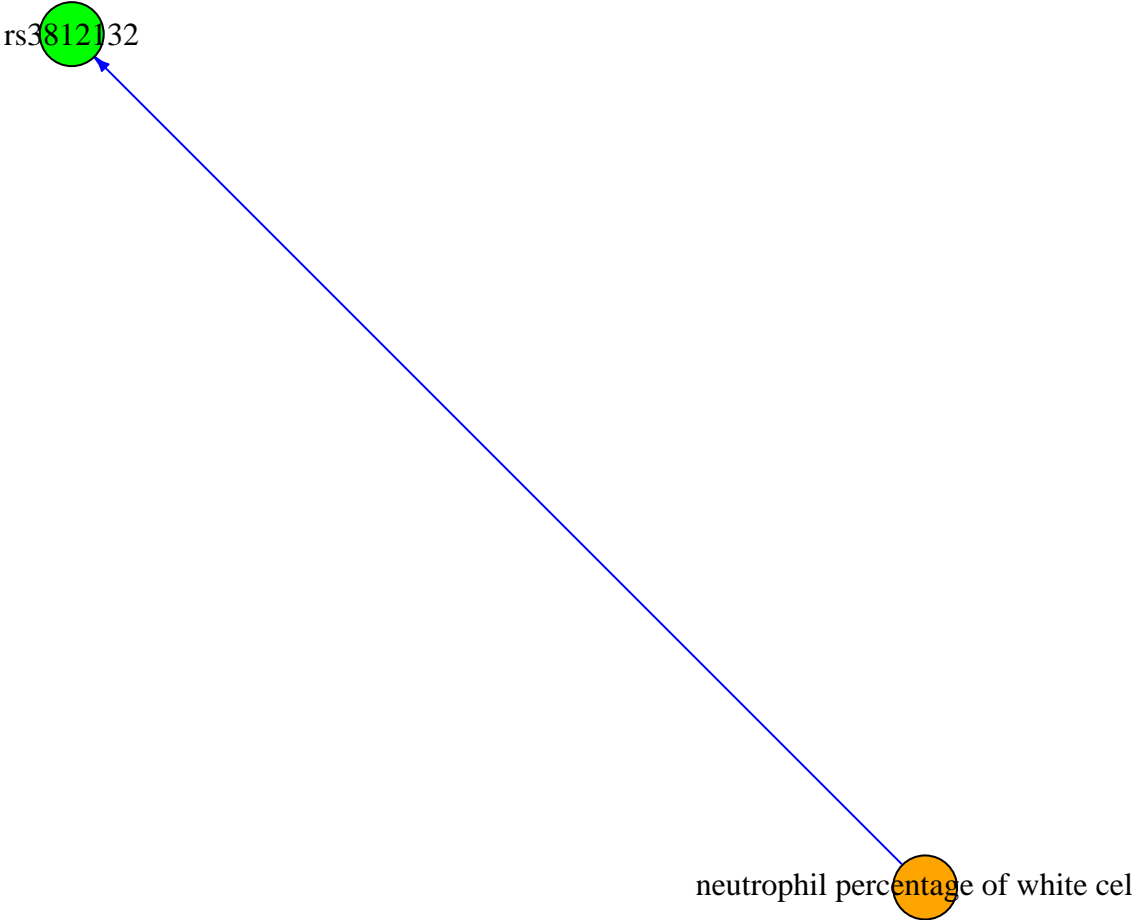


## Variant–Disease Network (transferrin saturation measurement)

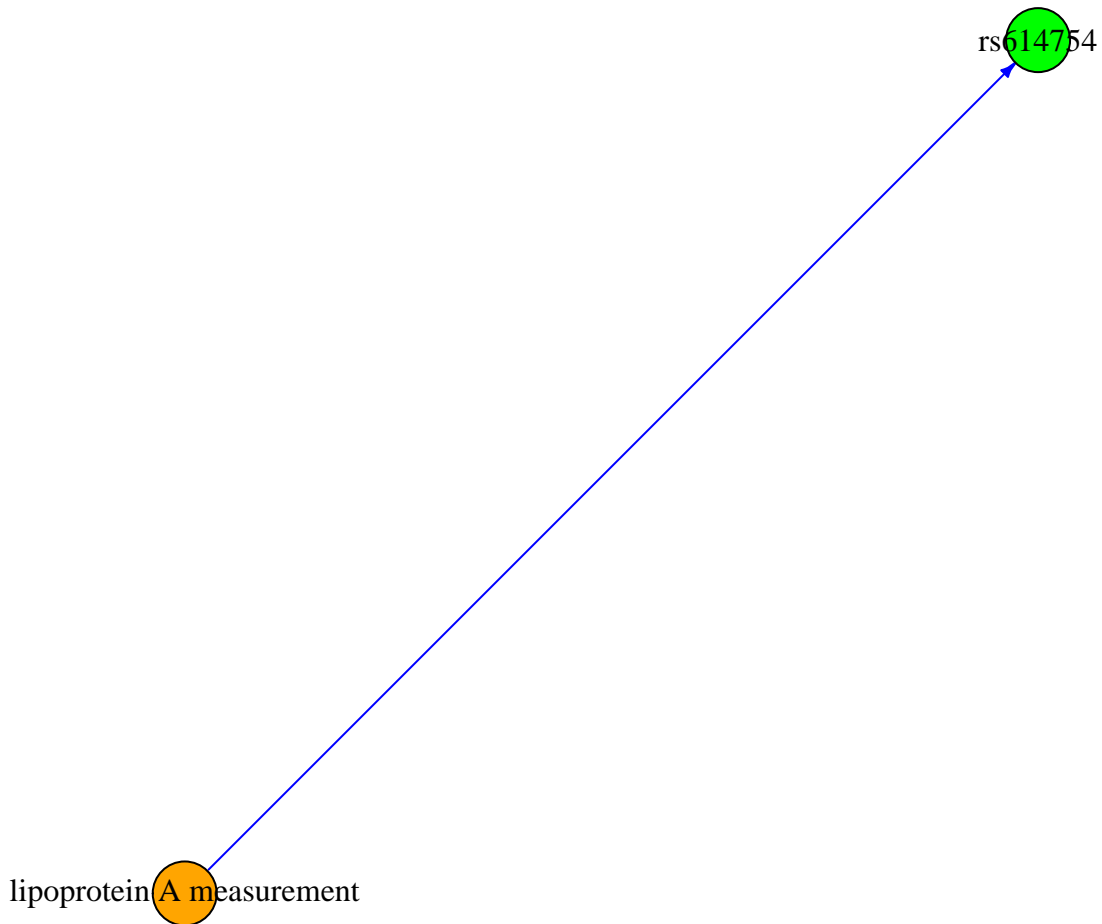




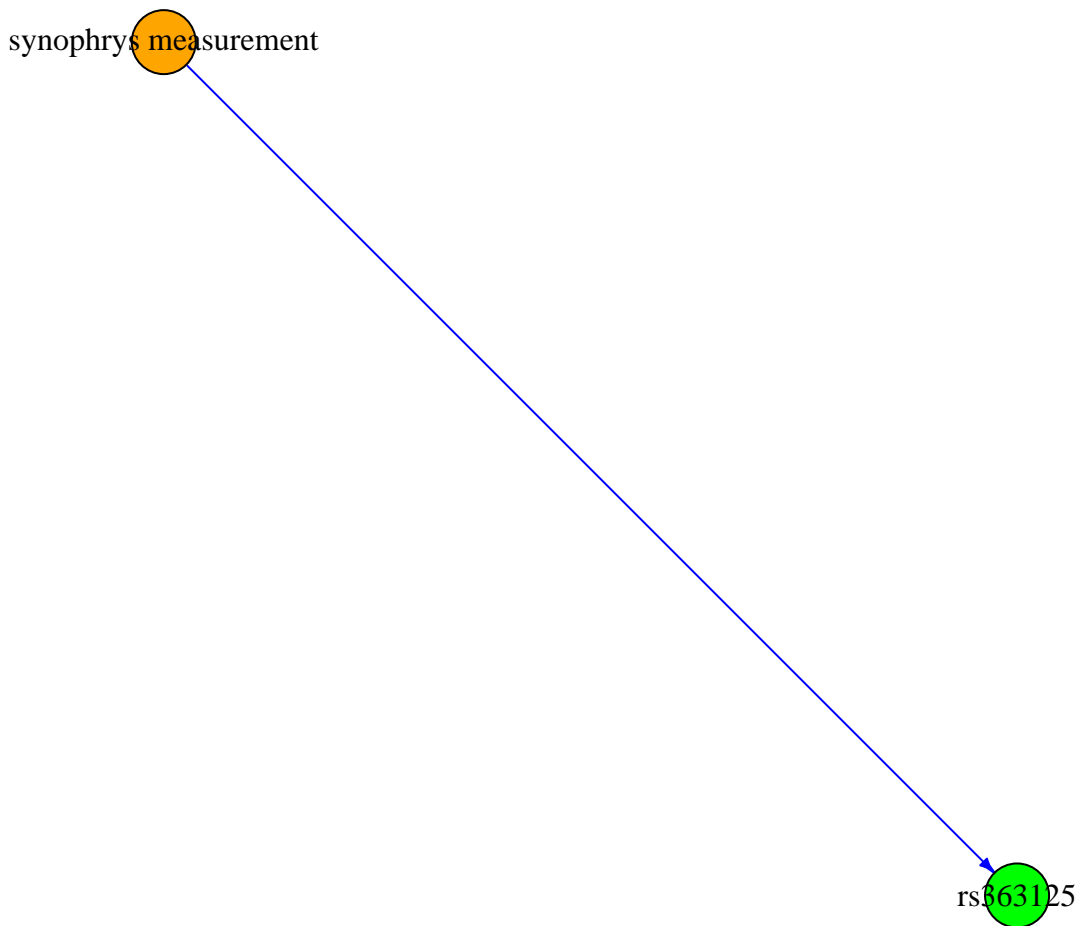
**Variant–Disease Network (neutrophil percentage of white cells)**



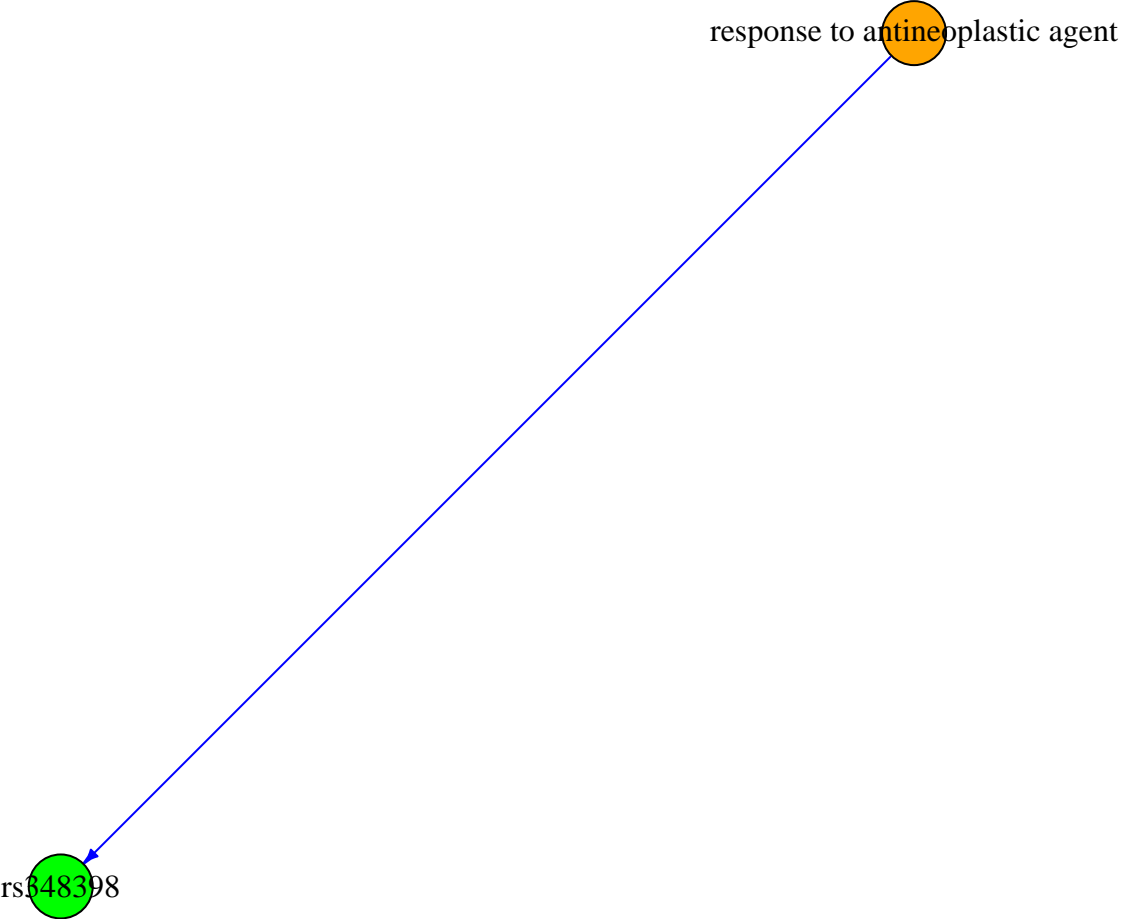
## Variant–Disease Network (lipoprotein A measurement)



# Variant-Disease Network (synophrys measurement)



Variant–Disease Network (response to antineoplastic agent)



## Variant–Disease Network (response to cyclophosphamide)

rs148398



```
graph LR; A((response to cyclophosphamide)) --> B((rs148398))
```

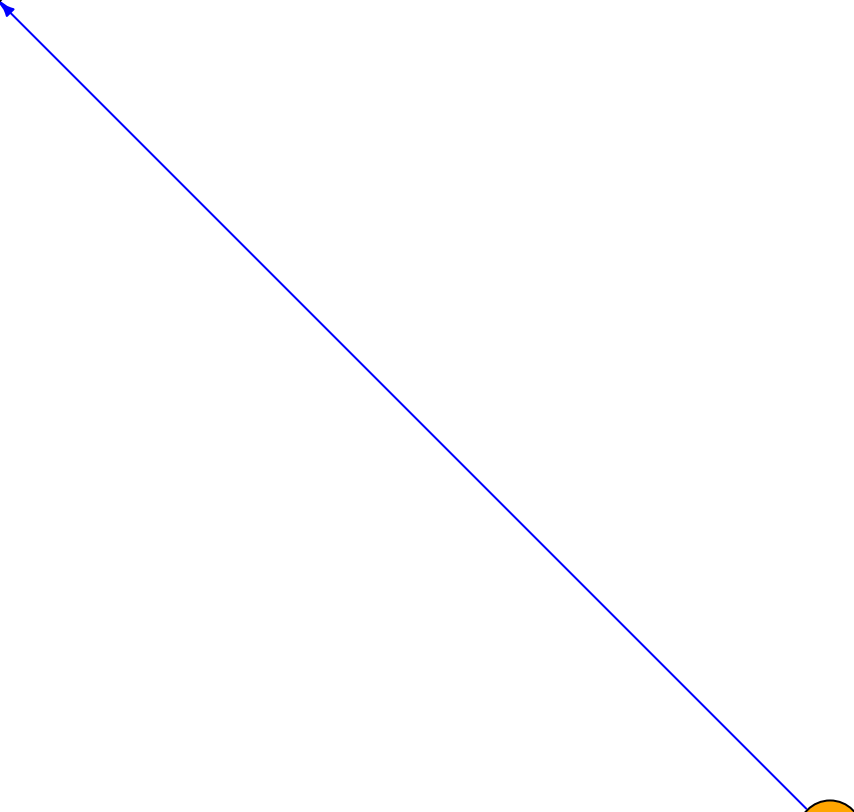
The diagram illustrates a directed relationship between a clinical response and a genetic variant. It features two circular nodes: a green node at the top-left labeled 'rs148398' and an orange node at the bottom-right labeled 'response to cyclophosphamide'. A blue arrow points from the orange node to the green node, indicating that the clinical response is associated with or predicts the presence of the rs148398 variant.

response to cyclophosphamide

# Variant-Disease Network (cancer biomarker measurement)

rs3097773

cancer biomarker measurement



## Variant–Disease Network (oral cavity cancer)

