

GOBP\_MITOCHONDRIAL\_MEMBRANE\_ORGANIZATION, GOCC\_INNER\_MITOCHONDRIAL\_MEMBRANE\_ORGANIZATION, GOBP\_MITOCHONDRIAL\_MEMBRANE\_ORGANIZATION

GOBP\_CELLULAR\_RESPIRATION, GOBP\_CELLULAR\_RESPIRATION

GOBP\_RESPIRATORY\_ELECTRON\_TRANSPORT\_CHAIN, GOBP\_RESPIRATORY\_ELECTRON\_TRANSPORT\_CHAIN

GOBP\_ATP\_SYNTHESIS\_COUPLED\_ELECTRON\_TRANSPORT, GOBP\_ATP\_SYNTHESIS\_COUPLED\_ELECTRON\_TRANSPORT

HP\_LOWER\_LIMB\_SPASTICITY, HP\_LOWER\_LIMB\_SPASTICITY

GOBP\_NADH\_DEHYDROGENASE\_COMPLEX\_ASSEMBLY, GOBP\_NADH\_DEHYDROGENASE\_COMPLEX\_ASSEMBLY

HP\_PERIPHERAL\_AXONAL\_DEGENERATION, HP\_PERIPHERAL\_AXONAL\_DEGENERATION

HP\_LEUKODYSTROPHY, HP\_LEUKODYSTROPHY

GOBP\_ELECTRON\_TRANSPORT\_CHAIN, GOBP\_ELECTRON\_TRANSPORT\_CHAIN

GOMF\_NAD\_P\_H\_DEHYDROGENASE\_QUINONE\_ACTIVITY, GOMF\_NAD\_P\_H\_DEHYDROGENASE\_QUINONE\_ACTIVITY

GOCC\_NADH\_DEHYDROGENASE\_COMPLEX, GOCC\_NADH\_DEHYDROGENASE\_COMPLEX

GOBP INNER MITOCHONDRIAL MEMBRANE ORGANIZATION, GOBP INNER MITOCHONDRIAL MEMBRANE ORGANIZATION

GOCC\_RESPIRASOME, GOCC\_RESPIRASOME

GOBP\_MITOCHONDRIAL ELECTRON TRANSPORT NADH TO\_UBIQUINONE, GOBP\_MITOCHONDRIAL ELECTRON TRANSPORT NADH TO\_UBIQUINONE

HP SPASTIC PARAPLEGIA, HP SPASTIC PARAPLEGIA

GOMF ELECTRON TRANSFER ACTIVITY, GOMF ELECTRON TRANSFER ACTIVITY

GOCC\_INTRINSIC\_COMPONENT\_OF\_MITOCHONDRIAL\_MEMBRANE, GOCC\_INTRINSIC\_COMPONENT\_OF\_MITOCHONDRIAL\_MEMBRANE

GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_NAD\_P\_H\_QUINONE\_OR\_SIMILAR\_COMPOUND\_AS\_ACCEPTOR, GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_NAD\_P\_H\_QUINONE\_OR\_SIMILAR\_COMPOUND\_AS\_ACCEPTOR

HP\_DEMENTIA, HP\_DEMENTIA

GOCC\_RESPIRATORY\_CHAIN\_COMPLEX, GOCC\_RESPIRATORY\_CHAIN\_COMPLEX

GOBP\_AEROBIC\_RESPIRATION, GOBP\_AEROBIC\_RESPIRATION

HP\_GASTROINTESTINAL\_DYSMOTILITY, HP\_GASTROINTESTINAL\_DYSMOTILITY

GOBP\_REGULATION\_OF\_MITOCHONDRION\_ORGANIZATION, GOBP\_REGULATION\_OF\_MITOCHONDRION\_ORGANIZATION

GOCC\_PROTON\_TRANSPORTING\_TWO\_SECTOR\_ATPASE\_COMPLEX, GOCC\_PROTON\_TRANSPORTING\_TWO\_SECTOR\_ATPASE\_COMPLEX

HP\_ABNORMAL\_SOCIAL\_BEHAVIOR, HP\_ABNORMAL\_SOCIAL\_BEHAVIOR

HP\_SEVERE\_GLOBAL\_DEVELOPMENTAL\_DELAY, HP\_SEVERE\_GLOBAL\_DEVELOPMENTAL\_DELAY

HP\_ABNORMAL\_RENAL\_CORTEX\_MORPHOLOGY, HP\_ABNORMAL\_RENAL\_CORTEX\_MORPHOLOGY

HP\_OPTIC\_DISC\_PALLOR, HP\_OPTIC\_DISC\_PALLOR

HP\_PIGMENTARY\_RETINOPATHY, HP\_PIGMENTARY\_RETINOPATHY

HP\_PERIPHERAL\_DEMYELINATION, HP\_PERIPHERAL\_DEMYELINATION

GOBP\_RIBOSE\_PHOSPHATE\_BIOSYNTHETIC\_PROCESS, GOBP\_RIBOSE\_PHOSPHATE\_BIOSYNTHETIC\_PROCESS

HP\_PERIPHERAL\_AXONAL\_NEUROPATHY, HP\_PERIPHERAL\_AXONAL\_NEUROPATHY

HP\_SENSORIMOTOR\_NEUROPATHY, HP\_SENSORIMOTOR\_NEUROPATHY

HP\_ABNORMAL\_RENAL\_GLOMERULUS\_MORPHOLOGY, HP\_ABNORMAL\_RENAL\_GLOMERULUS\_MORPHOLOGY

HP\_ABNORMAL\_PERIPHERAL\_MYELENATION, HP\_ABNORMAL\_PERIPHERAL\_MYELENATION

GOCC\_INTRINSIC\_COMPONENT\_OF\_MITOCHONDRIAL\_INNER\_MEMBRANE, GOCC\_INTRINSIC\_COMPONENT\_OF\_MITOCHONDRIAL\_INNER\_MEMBRANE

GOBP\_RIBONUCLEOSIDE\_TRIPHOSPHATE\_METABOLIC\_PROCESS, GOBP\_RIBONUCLEOSIDE\_TRIPHOSPHATE\_METABOLIC\_PROCESS

HP\_EPILEPTIC\_SPASM, HP\_EPILEPTIC\_SPASM

HP\_ABNORMAL URINE PH, HP\_ABNORMAL URINE PH

HP\_SENSORY\_NEUROPATHY, HP\_SENSORY\_NEUROPATHY

HP\_MYOCLONIC\_SEIZURE, HP\_MYOCLONIC\_SEIZURE

HP\_NEUROENDOCRINE NEOPLASM, HP\_NEUROENDOCRINE NEOPLASM

HP\_INFANTILE SPASMS, HP\_INFANTILE SPASMS

HP\_HEPATIC\_FAILURE, HP\_HEPATIC\_FAILURE

HP\_MEMORY\_IMPAIRMENT, HP\_MEMORY\_IMPAIRMENT

HP\_FETAL\_DISTRESS, HP\_FETAL\_DISTRESS

HP\_PROXIMAL\_TUBULOPATHY, HP\_PROXIMAL\_TUBULOPATHY

HP\_ACTION\_TREMOR, HP\_ACTION\_TREMOR

HP\_PROGRESSIVE\_CEREBELLAR\_ATAxia, HP\_PROGRESSIVE\_CEREBELLAR\_ATAxia

HP\_ABNORMAL\_SPEECH\_PROSODY, HP\_ABNORMAL\_SPEECH\_PROSODY

HP\_GENERALIZED\_ONSET\_MOTOR\_SEIZURE, HP\_GENERALIZED\_ONSET\_MOTOR\_SEIZURE

GOBP\_CRISTAE\_FORMATION, GOBP\_CRISTAE\_FORMATION

HP\_ABNORMAL BRAINSTEM MRI SIGNAL INTENSITY, HP\_ABNORMAL BRAINSTEM MRI SIGNAL INTENSITY

HP BRAIN IMAGING ABNORMALITY, HP BRAIN IMAGING ABNORMALITY

GOBP\_RIBONUCLEOSIDE TRIPHOSPHATE BIOSYNTHETIC PROCESS, GOBP\_RIBONUCLEOSIDE TRIPHOSPHATE BIOSYNTHETIC PROCESS

GOCC\_ORGANELLE\_ENVELOPE\_LUMEN, GOCC\_ORGANELLE\_ENVELOPE\_LUMEN

GOBP\_NUCLEOSIDE TRIPHOSPHATE METABOLIC PROCESS, GOBP\_NUCLEOSIDE TRIPHOSPHATE METABOLIC PROCESS

HP\_DIMINISHED MOTIVATION, HP\_DIMINISHED MOTIVATION

HP\_PARAPLEGIA, HP\_PARAPLEGIA

GOMF\_2\_IRON\_2\_SULFUR\_CLUSTER\_BINDING, GOMF\_2\_IRON\_2\_SULFUR\_CLUSTER\_BINDING

HP\_ABNORMAL METABOLIC BRAIN IMAGING BY MRS, HP\_ABNORMAL METABOLIC BRAIN IMAGING BY MRS

HP\_DEMYELINATING PERIPHERAL NEUROPATHY, HP\_DEMYELINATING PERIPHERAL NEUROPATHY

HP\_ABNORMAL URINE PROTEIN LEVEL, HP\_ABNORMAL URINE PROTEIN LEVEL

HP\_ABNORMAL BASAL GANGLIA MRI SIGNAL INTENSITY, HP\_ABNORMAL BASAL GANGLIA MRI SIGNAL INTENSITY

HP BASAL GANGLIA CALCIFICATION, HP BASAL GANGLIA CALCIFICATION

HP\_INFANTILE MUSCULAR HYPOTONIA, HP\_INFANTILE MUSCULAR HYPOTONIA

HP GLOBAL BRAIN ATROPHY, HP GLOBAL BRAIN ATROPHY

HP VENTRICULAR PREEXCITATION, HP\_VENTRICULAR\_PREEXCITATION

HP\_ABNORMALITY OF THE PARATHYROID GLAND, HP\_ABNORMALITY OF THE PARATHYROID GLAND

HP INCREASED SERUM PYRUVATE, HP INCREASED SERUM PYRUVATE

HP\_FOCAL T2 HYPERINTENSE BRAINSTEM LESION, HP\_FOCAL T2 HYPERINTENSE BRAINSTEM LESION

HP SLOW PROGRESSION, HP\_SLOW\_PROGRESSION

HP\_MITOCHONDRIAL\_INHERITANCE, HP\_MITOCHONDRIAL\_INHERITANCE

GOCC\_OXIDOREDUCTASE\_COMPLEX, GOCC\_OXIDOREDUCTASE\_COMPLEX

HP\_BULBAR\_SIGNS, HP\_BULBAR\_SIGNS

HP\_DYSPHONIA, HP\_DYSPHONIA

HP\_VASCULAR TORTUOSITY, HP\_VASCULAR TORTUOSITY

HP\_ABNORMAL MITOCHONDRIA IN MUSCLE TISSUE, HP\_ABNORMAL MITOCHONDRIA IN MUSCLE TISSUE

HP\_PHEOCHROMOCYTOMA, HP\_PHEOCHROMOCYTOMA

HP\_FOCAL T2 HYPERINTENSE BASAL GANGLIA LESION, HP\_FOCAL T2 HYPERINTENSE BASAL GANGLIA LESION

HP LETHARGY, HP\_LETHARGY

HP LEBER OPTIC ATROPHY, HP\_LEBER\_OPTIC\_ATROPHY

GOBP\_MITOCHONDRIAL\_TRANSMEMBRANE\_TRANSPORT, GOBP\_MITOCHONDRIAL\_TRANSMEMBRANE\_TRANSPORT

HP\_POOR EYE CONTACT, HP\_POOR EYE CONTACT

HP\_HYPERVENTILATION, HP\_HYPERVENTILATION

HP\_POOR HEAD CONTROL, HP\_POOR HEAD CONTROL

HP\_OPTIC\_NEUROPATHY, HP\_OPTIC\_NEUROPATHY

GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_NAD\_P\_H, GOMF\_OXIDOREDUCTASE\_ACTIVITY\_ACTING\_ON\_NAD\_P\_H

HP\_MUSCLE\_SPASM, HP\_MUSCLE\_SPASM

HP\_MITOCHONDRIAL RESPIRATORY CHAIN DEFECTS, HP\_MITOCHONDRIAL RESPIRATORY CHAIN DEFECTS

HP IMPAIRED SOCIAL INTERACTIONS, HP\_IMPAIRED\_SOCIAL\_INTERACTIONS

HP\_ABNORMAL\_SACCADIC EYE MOVEMENTS, HP\_ABNORMAL\_SACCADIC EYE MOVEMENTS

HP\_SEGMENTAL PERIPHERAL DEMYELINATION REMYELINATION, HP\_SEGMENTAL PERIPHERAL DEMYELINATION REMYELINATION

HP\_ABNORMAL CIRCULATING CARBOHYDRATE CONCENTRATION, HP\_ABNORMAL CIRCULATING CARBOHYDRATE CONCENTRATION

GOBP ATP BIOSYNTHETIC PROCESS, GOBP ATP BIOSYNTHETIC PROCESS

GOBP\_NUCLEOSIDE TRIPHOSPHATE BIOSYNTHETIC PROCESS, GOBP\_NUCLEOSIDE TRIPHOSPHATE BIOSYNTHETIC PROCESS

HP\_ABNORMAL CSF PROTEIN LEVEL, HP\_ABNORMAL CSF PROTEIN LEVEL

HP SPASTIC TETRAPHARESIS, HP\_SPASTIC\_TETRAPHARESIS

HP\_ABNORMALITY OF KREBS CYCLE METABOLISM, HP\_ABNORMALITY OF KREBS CYCLE METABOLISM

HP\_ABNORMAL CIRCULATING NON-PROTEINOGENIC AMINO ACID CONCENTRATION, HP\_ABNORMAL CIRCULATING NON-PROTEINOGENIC AMINO ACID CONCENTRATION

HP POLYNEUROPATHY, HP\_POLYNEUROPATHY

GOCC\_PROTON\_TRANSPORTING\_ATP SYNTHASE\_COMPLEX, GOCC\_PROTON\_TRANSPORTING\_ATP SYNTHASE\_COMPLEX

HP\_STROKE, HP\_STROKE

GOBP ATP SYNTHESIS COUPLED PROTON TRANSPORT, GOBP ATP SYNTHESIS COUPLED PROTON TRANSPORT

HP\_MULTIPLE\_GLOMERULAR\_CYSTS, HP\_MULTIPLE\_GLOMERULAR\_CYSTS

HP\_MIXED\_DEMYELINATING\_AND\_AXONAL\_POLYNEUROPATHY, HP\_MIXED\_DEMYELINATING\_AND\_AXONAL\_POLYNEUROPATHY

HP\_DILATED\_CARDIOMYOPATHY, HP\_DILATED\_CARDIOMYOPATHY

HP IMPAIRED VIBRATION SENSATION IN THE LOWER LIMBS, HP IMPAIRED VIBRATION SENSATION IN THE LOWER LIMBS

HP\_POSTURAL TREMOR, HP\_POSTURAL TREMOR

HP NEOPLASM OF THE EYE, HP NEOPLASM OF THE EYE

HP\_ABNORMAL CIRCULATING AMINO ACID CONCENTRATION, HP\_ABNORMAL CIRCULATING AMINO ACID CONCENTRATION

GOBP REGULATION OF HYDROGEN PEROXIDE METABOLIC PROCESS, GOBP REGULATION OF HYDROGEN PEROXIDE METABOLIC PROCESS

HP\_RECURRENT\_PAROXYSMAL\_HEADACHE, HP\_RECURRENT\_PAROXYSMAL\_HEADACHE

GOMF\_PROTON\_TRANSPORTING\_ATP SYNTHASE\_ACTIVITY\_ROTATIONAL\_MECHANISM, GOMF\_PROTON\_TRANSPORTING\_ATP SYNTHASE\_ACTIVITY\_ROTATIONAL\_MECHANISM

HP\_LACTACIDURIA, HP\_LACTACIDURIA

HP BENIGN NEOPLASM OF THE CENTRAL NERVOUS SYSTEM, HP\_BENIGN NEOPLASM OF THE CENTRAL NERVOUS SYSTEM

HP\_EPISODIC\_VOMITING, HP\_EPISODIC\_VOMITING

GOMF\_TETRAPYRROLE\_BINDING, GOMF\_TETRAPYRROLE\_BINDING

HP\_DISTAL\_AMYOTROPHY, HP\_DISTAL\_AMYOTROPHY

HP\_ELEVATED\_CALCITONIN, HP\_ELEVATED\_CALCITONIN

HP\_HYPERTENSION\_ASSOCIATED\_WITH\_PHEOCHROMOCYTOMA, HP\_HYPERTENSION\_ASSOCIATED\_WITH\_PHEOCHROMOCYTOMA

HP\_STROKE LIKE EPISODE, HP\_STROKE LIKE EPISODE

HP\_CENTROCECAL\_SCOTOMA, HP\_CENTROCECAL\_SCOTOMA

HP\_PARALYSIS, HP\_PARALYSIS

HP\_ABNORMAL\_LOWER MOTOR NEURON MORPHOLOGY, HP\_ABNORMAL\_LOWER MOTOR NEURON MORPHOLOGY

HP IMPAIRED VISUOSPATIAL CONSTRUCTIVE COGNITION, HP\_IMPAIRED\_VISUOSPATIAL\_CONSTRUCTIVE\_COGNITION

HP\_ABNORMAL\_UPPER MOTOR NEURON MORPHOLOGY, HP\_ABNORMAL\_UPPER MOTOR NEURON MORPHOLOGY

HP\_LOW\_PLASMA CITRULLINE, HP\_LOW\_PLASMA CITRULLINE

HP\_PSYCHOSIS, HP\_PSYCHOSIS

GOCC\_PROTON\_TRANSPORTING\_TWO\_SECTOR\_ATPASE\_COMPLEX\_PROTON\_TRANSPORTING\_DOMAIN, GOCC\_PROTON\_TRANSPORTING\_TWO\_SECTOR\_ATPASE\_COMPLEX\_PROTON\_TRANSPORTING\_DOMAIN

GOBP\_NEGATIVE\_REGULATION\_OF\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY, GOBP\_NEGATIVE\_REGULATION\_OF\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY

HP\_STUTTERING, HP\_STUTTERING

HP\_EPISODIC ABDOMINAL PAIN, HP\_EPISODIC ABDOMINAL PAIN

HP\_ABNORMAL BLOOD INORGANIC CATION CONCENTRATION, HP\_ABNORMAL BLOOD INORGANIC CATION CONCENTRATION

HP\_DECREASED ACTIVITY OF THE PYRUVATE DEHYDROGENASE COMPLEX, HP\_DECREASED ACTIVITY OF THE PYRUVATE DEHYDROGENASE COMPLEX

HP\_ABNORMAL SUBARACHNOID SPACE MORPHOLOGY, HP\_ABNORMAL SUBARACHNOID SPACE MORPHOLOGY

GOBP\_TRICARBOXYLIC\_ACID\_CYCLE, GOBP\_TRICARBOXYLIC\_ACID\_CYCLE

HP\_TETRAPLEGIA\_TETRAPARESIS, HP\_TETRAPLEGIA\_TETRAPARESIS

HP\_WIDENED SUBARACHNOID SPACE, HP\_WIDENED SUBARACHNOID SPACE

HP\_HEMANGIOBLASTOMA, HP\_HEMANGIOBLASTOMA

HP\_RENAL\_TUBULAR\_DYSFUNCTION, HP\_RENAL\_TUBULAR\_DYSFUNCTION

HP SINUS\_TACHYCARDIA, HP SINUS\_TACHYCARDIA

HP\_ABNORMAL CIRCULATING NITROGEN COMPOUND CONCENTRATION, HP\_ABNORMAL CIRCULATING NITROGEN COMPOUND CONCENTRATION

HP\_ABNORMAL CIRCULATING CITRULLINE CONCENTRATION, HP\_ABNORMAL CIRCULATING CITRULLINE CONCENTRATION

HP\_DISTAL PERIPHERAL SENSORY NEUROPATHY, HP\_DISTAL PERIPHERAL SENSORY NEUROPATHY

HP RETINAL TELANGIECTASIA, HP\_RETINAL\_TELANGIECTASIA

HP\_ABNORMAL BRAIN