#### A02 Musculoskeletal System

<b>-</b>	
Abdominal Oblique Muscles	Annulus Fibrosus
Aponeurosis	Collateral Ligament, Ulnar
Coracoid Process	Gracilis Muscle
Hamstring Muscles	Hamstring Tendons
Meniscus	Nucleus Pulposus
Rib Cage	

## A03 Digestive System

Esophageal Mucosa

## A08 Nervous System

Axon Initial Segment	Grid Cells
Perirhinal Cortex	Place Cells

#### A10 Tissues

Adipose Tissue, Beige	Annulus Fibrosus
Cancellous Bone	Cortical Bone
Esophageal Mucosa	Hamstring Muscles
Margins of Excision	Meniscus
Nucleus Pulposus	Parenchymal Tissue
Sentinel Lymph Node	Tertiary Lymphoid Structures

#### A11 Cells

A549 Cells	Adipocytes, Beige
Adult Germline Stem Cells	Autophagosomes
Axon Initial Segment	Cancer-Associated Fibroblasts
Grid Cells	Mucosal-Associated Invariant T Cells
Myeloid-Derived Suppressor Cells	Oogonial Stem Cells
Peripheral Blood Stem Cells	Place Cells
Pseudoautosomal Regions	Synoviocytes
Tenocytes	Thyroid Epithelial Cells

#### A12 Fluids and Secretions

Nipple Discharge

## **A13 Animal Structures**

Gizzard, Non-avian

## A15 Hemic and Immune Systems

Mucosal-Associated Invariant T Cells		Sentinel Lymph Node	
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Tertiary Lymphoid Structures

#### **A16 Embryonic Structures**

Gubernaculum

#### **B01** Eukaryota

Amaryllidaceae	Asparagaceae
Asparagales	Camelidae
Colchicaceae	Endamoeba histolytica
Gentianales	Hypoxidaceae
Liliales	Loteae
Melanthiaceae	Ocimum sanctum
Pogostemon	Psacalium
Saccharomyces boulardii	Vigna
Wolfiporia	Xanthorrhoeaceae

#### **B03** Bacteria

200 2000010	
Aeromonas veronii	Bacillus amyloliquefaciens
Bacillus clausii	Bacillus coagulans
Bacillus firmus	Bacillus licheniformis
Bacillus pumilus	Bacteria, Thermoduric
Bacteroides thetaiotaomicron	Bdellovibrio bacteriovorus
Bifidobacterium adolescentis	Bifidobacterium animalis
Bifidobacterium bifidum	Bifidobacterium breve
Bifidobacterium longum	Bifidobacterium longum subspecies infantis
Bifidobacterium pseudocatenulatum	Butyrivibrio fibrisolvens
Enterococcus hirae	Escherichia coli O104
Extraintestinal Pathogenic Escherichia coli	Faecalibacterium
Faecalibacterium prausnitzii	Lactobacillus crispatus
Lactobacillus gasseri	Lactobacillus johnsonii
Lactobacillus paracasei	Lactobacillus pentosus
Lactobacillus sakei	Lactobacillus salivarius
Leuconostoc mesenteroides	Megasphaera elsdenii
Nitrogen-Fixing Bacteria	Paenibacillus larvae
Paenibacillus polymyxa	Pediococcus acidilactici
Pediococcus pentosaceus	Propionibacterium freudenreichii
Pseudomonas chlororaphis	Streptococcus gallolyticus
Streptococcus gallolyticus subspecies gallolyticus	Streptococcus iniae
Streptococcus salivarius	Tannerella forsythia
Trichodesmium	

#### **B04 Viruses**

Giant Viruses	Influenza A Virus, H5N8 Subtype
Virophages	

## **B05** Organism Forms

Extremophiles | Sentinel Species

## **C01** Bacterial Infections and Mycoses

<b>Invasive Fungal Infections</b>	Neonatal Sepsis
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#### C02 Virus Diseases

Acute Retroviral Syndrome

#### C04 Neoplasms

Breast Carcinoma In Situ	Fibromatosis, Plantar
Giant Cell Tumor of Tendon Sheath	

#### C05 Musculoskeletal Diseases

Bunion	Coxa Magna
Crystal Arthropathies	Diastasis, Bone
Diastasis, Muscle	Elbow Tendinopathy
Enthesopathy	Fibromatosis, Plantar
Fracture Dislocation	Giant Cell Tumor of Tendon Sheath
Metatarsal Valgus	Metatarsus Varus
Morton Neuroma	Rotator Cuff Tear Arthropathy
Salter-Harris Fractures	Talipes
Talipes Cavus	Tarsal Coalition

#### C06 Digestive System Diseases

**Anorectal Malformations** 

#### **C07** Stomatognathic Diseases

Ankyloglossia

#### **C08** Respiratory Tract Diseases

Pneumonia, Necrotizing

## **C09** Otorhinolaryngologic Diseases

Bilateral Vestibulopathy

#### C10 Nervous System Diseases

Acute Febrile Encephalopathy	Bilateral Vestibulopathy
Brain Contusion	Brain Injuries, Diffuse
Brain Injuries, Traumatic	Cancer Pain
Chronic Traumatic Encephalopathy	Emergence Delirium
Hyperekplexia	Hypophysitis
Morton Neuroma	Small Fiber Neuropathy
Tardive Dyskinesia	

#### C11 Eye Diseases

Cone-Rod Dystrophies

#### C12 Male Urogenital Diseases

Staghorn Calculi | Teratozoospermia

#### C13 Female Urogenital Diseases and Pregnancy Complications

Staghorn Calculi

#### C14 Cardiovascular Diseases

Microaneurysm	Non-ST Elevated Myocardial Infarction
ST Elevation Myocardial Infarction	Stenosis, Pulmonary Artery
Stenosis, Pulmonary Vein	

#### C15 Hemic and Lymphatic Diseases

Breast Cancer Lymphedema | Lymphadenopathy

#### C16 Congenital, Hereditary, and Neonatal Diseases and Abnormalities

Anorectal Malformations	Ciliopathies
Cone-Rod Dystrophies	Familial Multiple Lipomatosis
Neonatal Sepsis	Talipes
Talipes Cavus	Tarsal Coalition

#### C17 Skin and Connective Tissue Diseases

Breast Carcinoma In Situ	Familial Multiple Lipomatosis
Fibromatosis, Plantar	

#### C18 Nutritional and Metabolic Diseases

#### C19 Endocrine System Diseases

Hypophysitis	Latent Autoimmune Diabetes in Adults
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#### **C20** Immune System Diseases

Acute Retroviral Syndrome	Latent Autoimmune Diabetes in Adults
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## C23 Pathological Conditions, Signs and Symptoms

Alert Fatigue, Health Personnel	Bilateral Vestibulopathy
Body Remains	Breast Cancer Lymphedema
Cancer Pain	Cellulite
Chromothripsis	Emergence Delirium
Margins of Excision	Medically Unexplained Symptoms
Morton Neuroma	Multiple Chronic Conditions
Neonatal Sepsis	Spontaneous Perforation
Staghorn Calculi	Tardive Dyskinesia
Tertiary Lymphoid Structures	

#### C25 Chemically-Induced Disorders

Propofol Infusion Syndrome

#### C26 Wounds and Injuries

Anterior Cruciate Ligament Injuries	Bankart Lesions
Brain Contusion	Brain Injuries, Diffuse
Brain Injuries, Traumatic	Chronic Traumatic Encephalopathy
Crush Injuries	Degloving Injuries
Diastasis, Bone	Diastasis, Muscle
Elbow Tendinopathy	Enthesopathy
Fracture Dislocation	Fractures, Avulsion
Microtrauma, Physical	Myocardial Contusions
Rotator Cuff Injuries	Salter-Harris Fractures
Shoulder Injuries	Surgical Wound
Tibial Meniscus Injuries	

## **D01 Inorganic Chemicals**

Polyelectrolytes Struvite

#### **D02 Organic Chemicals**

Beta-Cryptoxanthin	Dibenzofurans, Polychlorinated
Dioxins and Dioxin-like Compounds	Polychlorinated Dibenzodioxins

#### **D03 Heterocyclic Compounds**

Dibenzofurans	Dibenzofurans, Polychlorinated
Heterocyclic Compounds, Fused-Ring	Polychlorinated Dibenzodioxins

## **D04** Polycyclic Compounds

Fused-Ring Compounds   Oxysterols
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#### **D05** Macromolecular Substances

Dynactin Complex	Enhancer of Zeste Homolog 2 Protein
Glycogen Synthase Kinase 3 beta	Polyelectrolytes
SEC Translocation Channels	Tensins

# **D08** Enzymes and Coenzymes

ADAM12 Protein  ADAM17 Protein  ADAMTS1 Protein  ADAMTS1 Protein  ADAMTS1 Protein  ADAMTS4 Protein  ADAMTS5 Protein  ADAMTS5 Protein  ADAMTS7 Protein  ADAMTS7 Protein  ADAMTS9 Protein  APOBEC Deaminases  APOBEC-1 Deaminase  APOBEC-3G Deaminase  Aldehyde Dehydrogenase, Mitochondrial  AlkB Enzymes  AlkB Homolog 1, Histone H2a Dioxygenase  AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Chitinase-3-Like Protein 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17  Cytochrome P450 Family 19	
ADAMTS1 Protein  ADAMTS4 Protein  ADAMTS5 Protein  ADAMTS7 Protein  ADAMTS7 Protein  APOBEC Deaminases  APOBEC-1 Deaminase  APOBEC-3G Deaminase  Alke Homolog 1, Histone H2a Dioxygenase  Alke Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  Alke Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  Alke Homolog 4, Lysine Demethylase  Alke Homolog 5, RNA Demethylase  Alke Homolog 8, tRNA Methyltransferase  Alke Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	
ADAMTS4 Protein  ADAMTS9 Protein  ADAMTS9 Protein  APOBEC Deaminases  APOBEC-1 Deaminase  APOBEC-3G Deaminase  Aldehyde Dehydrogenase, Mitochondrial  AlkB Enzymes  AlkB Homolog 1, Histone H2a Dioxygenase  AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	
ADAMTS7 Protein  APOBEC Deaminases  APOBEC-1 Deaminase  Aldehyde Dehydrogenase, Mitochondrial  AlkB Enzymes  AlkB Homolog 1, Histone H2a Dioxygenase  AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	
APOBEC Deaminases  APOBEC-1 Deaminase  APOBEC-3G Deaminase  Aldehyde Dehydrogenase, Mitochondrial  AlkB Enzymes  AlkB Homolog 1, Histone H2a Dioxygenase  AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 12	
APOBEC-3G Deaminase  Alke Homolog 1, Histone H2a Dioxygenase  Alke Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  Alke Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  Alke Homolog 4, Lysine Demethylase  Alke Homolog 5, RNA Demethylase  Alke Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cyclophilin C  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	
AlkB Homolog 1, Histone H2a Dioxygenase  AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 3, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cyclophilin C  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	
AlkB Homolog 2, Alpha-Ketoglutarate-Dependent Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 12	
Dioxygenase  AlkB Homolog 4, Lysine Demethylase  AlkB Homolog 5, RNA Demethylase  AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	
AlkB Homolog 8, tRNA Methyltransferase  Alpha-Ketoglutarate-Dependent Dioxygenase F  Autophagy-Related Protein-1 Homolog  Carbonic Anhydrase IX  Checkpoint Kinase 1  Cholesterol 24-Hydroxylase  Cytochrome P450 Family 1  Cytochrome P450 Family 12  Cytochrome P450 Family 17	nt
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Cytochrome P450 Family 12 Cytochrome P450 Family 17	
Cytochrome P450 Family 10 Cytochrome P450 Family 2	
cytochrome 1430 1 amily 2	
Cytochrome P450 Family 21 Cytochrome P450 Family 24	
Cytochrome P450 Family 26 Cytochrome P450 Family 27	
Cytochrome P450 Family 3 Cytochrome P450 Family 4	
Cytochrome P450 Family 46 Cytochrome P450 Family 51	
Cytochrome P450 Family 6 Cytochrome P450 Family 7	
Cytochrome P450 Family 8 DEAD Box Protein 58	
DNA Ligase ATP Deubiquitinating Enzymes	
Discoidin Domain Receptor 1 Discoidin Domain Receptor 2	
Discoidin Domain Receptors Endothelin-Converting Enzymes	
Enhancer of Zeste Homolog 2 Protein Fertilins	
Glycogen Synthase Kinase 3 beta Histidine Kinase	
Inositol Polyphosphate 5-Phosphatases Interferon-Induced Helicase, IFIH1	
Ku Autoantigen  Leucine-Rich Repeat Serine-Threonine Protein Kinase-2	

## **D08** Enzymes and Coenzymes

Lysine Acetyltransferases	Mismatch Repair Endonuclease PMS2
MutL Protein Homolog 1	MutL Proteins
NIMA-Interacting Peptidylprolyl Isomerase	NIMA-Related Kinase 1
NIMA-Related Kinases	Peptidyl-Prolyl Cis-Trans Isomerase NIMA- Interacting 4
Phosphatidylinositol-3,4,5-Trisphosphate 5-Phosphatases	Phosphoinositide Phosphatases
Poly (ADP-Ribose) Polymerase-1	Proprotein Convertase 9
Prostaglandin-E Synthases	Protein Deglycase DJ-1
Protein Phosphatase 2C	Retinoic Acid 4-Hydroxylase
Soluble Guanylyl Cyclase	Superoxide Dismutase-1
Syk Kinase	Tartrate-Resistant Acid Phosphatase
Transcription Activator-Like Effector Nucleases	Tumor Necrosis Factor alpha-Induced Protein 3
Werner Syndrome Helicase	

#### D09 Carbohydrates

AC133 Antigen	ADAM10 Protein
ADAM12 Protein	ADAM17 Protein
ADAMTS Proteins	ADAMTS1 Protein
ADAMTS13 Protein	ADAMTS4 Protein
ADAMTS5 Protein	ADAMTS7 Protein
ADAMTS9 Protein	Fertilins
Fibrillin-1	Fibrillin-2
Fibrillins	Fibromodulin
Lumican	Small Leucine-Rich Proteoglycans

# D10 Lipids

ATP Binding Cassette Transporter, Sub-Family G,	ATP Binding Cassette Transporter, Sub-Family G,
Member 5	Member 8
Apolipoprotein A-V	Oxysterols

# D12 Amino Acids, Peptides, and Proteins

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ADAM10 Protein	ADAM12 Protein
ADAM17 Protein	ADAMTS Proteins
ADAMTS1 Protein	ADAMTS13 Protein
ADAMTS4 Protein	ADAMTS5 Protein
ADAMTS7 Protein	ADAMTS9 Protein
ATP Binding Cassette Transporter, Sub-Family G	ATP Binding Cassette Transporter, Sub-Family G, Member 1
ATP Binding Cassette Transporter, Sub-Family G, Member 2	ATP Binding Cassette Transporter, Sub-Family G, Member 5
ATP Binding Cassette Transporter, Sub-Family G, Member 8	Aldehyde Dehydrogenase, Mitochondrial
Antigen Peptide Transporter-1	Antigen Peptide Transporter-2
Antigens, CD99	Apolipoprotein A-V
Autophagy-Related Protein 12	Autophagy-Related Protein 5
Autophagy-Related Protein 7	Autophagy-Related Protein 8 Family
Autophagy-Related Protein-1 Homolog	Autophagy-Related Proteins
Bcl-2-Like Protein 11	Beclin-1
Butyrophilins	CD48 Antigen
CDX2 Transcription Factor	Cadherin Related Proteins
Calcium Release Activated Calcium Channels	Carbonic Anhydrase IX
Chitinase-3-Like Protein 1	Cholesterol 24-Hydroxylase
Connexin 26	Cytochrome P450 Family 1
Cytochrome P450 Family 11	Cytochrome P450 Family 12
Cytochrome P450 Family 17	Cytochrome P450 Family 19
Cytochrome P450 Family 2	Cytochrome P450 Family 21
Cytochrome P450 Family 24	Cytochrome P450 Family 26
Cytochrome P450 Family 27	Cytochrome P450 Family 3
Cytochrome P450 Family 4	Cytochrome P450 Family 46
Cytochrome P450 Family 51	Cytochrome P450 Family 6
Cytochrome P450 Family 7	Cytochrome P450 Family 8
Discoidin Domain Receptor 1	Discoidin Domain Receptor 2
Discoidin Domain Receptors	Discoidins
Dishevelled Proteins	Dynactin Complex

# D12 Amino Acids, Peptides, and Proteins

Dystonin	ERG1 Potassium Channel
Endoglin	Enhancer of Zeste Homolog 2 Protein
Epithelial Cell Adhesion Molecule	Fatty Acid-Binding Protein 7
Fertilins	Fibrillin-1
Fibrillin-2	Fibrillins
Fibromodulin	Forkhead Box Protein M1
Forkhead Box Protein O1	Forkhead Box Protein O3
Glycodelin	Glycogen Synthase Kinase 3 beta
Hemochromatosis Protein	Hepatitis A Virus Cellular Receptor 1
Hepatitis A Virus Cellular Receptor 2	Homeobox Protein Nkx-2.5
Homer Scaffolding Proteins	Huntingtin Protein
Interleukin-1 Receptor-Like 1 Protein	Jagged-1 Protein
Jagged-2 Protein	Kelch-Like ECH-Associated Protein 1
Ku Autoantigen	Leucine-Rich Repeat Serine-Threonine Protein Kinase-2
Lipid Droplet Associated Proteins	Lipocalin-2
Liver X Receptors	Lumican
Mating Factor	Methyl-Accepting Chemotaxis Proteins
Mismatch Repair Endonuclease PMS2	Mitochondrial Uncoupling Proteins
MutL Protein Homolog 1	MutL Proteins
N-Myc Proto-Oncogene Protein	NF-KappaB Inhibitor alpha
NIMA-Related Kinase 1	NIMA-Related Kinases
NLR Family, Pyrin Domain-Containing 3 Protein	NLR Proteins
Nanog Homeobox Protein	Nogo Proteins
Nogo Receptor 1	Nogo Receptor 2
Nogo Receptors	ORAI1 Protein
ORAI2 Protein	PAX3 Transcription Factor
PAX6 Transcription Factor	PAX8 Transcription Factor
PTB-Associated Splicing Factor	Parkinson Disease Associated Proteins
Patched Receptors	Patched-1 Receptor
Patched-2 Receptor	Pediocins

# D12 Amino Acids, Peptides, and Proteins

Peptidyl-Prolyl Cis-Trans Isomerase NIMA- Interacting 4	Perilipin-1
Perilipin-2	Perilipin-3
Perilipin-4	Perilipin-5
Perilipins	Peroxisome Proliferator-Activated Receptor Gamma Coactivator 1-alpha
Placenta Growth Factor	Prion Proteins
Promyelocytic Leukemia Protein	Protein Deglycase DJ-1
Pyrin	RNA Splicing Factors
Receptor, Notch3	Regulatory Factor X Transcription Factors
Regulatory Factor X1	Retinoic Acid 4-Hydroxylase
Retinoic Acid Receptor alpha	S100 Calcium-Binding Protein A4
SEC Translocation Channels	SMARCB1 Protein
Sequestosome-1 Protein	Serrate-Jagged Proteins
Signaling Lymphocytic Activation Molecule Associated Protein	Signaling Lymphocytic Activation Molecule Family
Signaling Lymphocytic Activation Molecule Family Member 1	Small Leucine-Rich Proteoglycans
Smoothened Receptor	Snail Family Transcription Factors
Soluble Guanylyl Cyclase	Solute Carrier Proteins
Splicing Factor U2AF	Src Homology 2 Domain-Containing, Transforming Protein 1
Src Homology 2 Domain-Containing, Transforming Protein 2	Src Homology 2 Domain-Containing, Transforming Protein 3
Stromal Interaction Molecule 1	Stromal Interaction Molecule 2
Stromal Interaction Molecules	Suppressor of Cytokine Signaling 1 Protein
Suppressor of Cytokine Signaling 3 Protein	Syk Kinase
Tensins	Transcription Activator-Like Effectors
Transcription Factor HES-1	Transcriptional Regulator ERG
Trefoil Factor-1	Trefoil Factor-2
Trefoil Factor-3	Trefoil Factors
Tripartite Motif Proteins	Tumor Necrosis Factor alpha-Induced Protein 3
Tumor Protein p73	Tumor Suppressor p53-Binding Protein 1
Twist Transcription Factors	Twist-Related Protein 2
Uncoupling Protein 1	Uncoupling Protein 2
Uncoupling Protein 3	Wnt-5a Protein

## D12 Amino Acids, Peptides, and Proteins

X-Box Binding Protein 1	Zinc Finger E-box-Binding Homeobox 1
Zinc Finger Protein GLI1	Zona Pellucida Glycoproteins
beta-Arrestin 1	beta-Arrestin 2
beta-Arrestins	

#### D13 Nucleic Acids, Nucleotides, and Nucleosides

Antagomirs DNA, Ancient

#### **D20** Complex Mixtures

Mastic Resin

#### **D23 Biological Factors**

AC133 Antigen	ADAM10 Protein
ADAM17 Protein	ATP Binding Cassette Transporter, Sub-Family G, Member 2
Antigens, CD99	Beta-Cryptoxanthin
CD48 Antigen	Carbonic Anhydrase IX
Endoglin	Epithelial Cell Adhesion Molecule
Hemochromatosis Protein	Hepatitis A Virus Cellular Receptor 1
Hepatitis A Virus Cellular Receptor 2	Jagged-1 Protein
Jagged-2 Protein	Ku Autoantigen
Mating Factor	Prion Proteins
Serrate-Jagged Proteins	Signaling Lymphocytic Activation Molecule Family
Signaling Lymphocytic Activation Molecule Family Member 1	Transcription Activator-Like Effectors
Wnt-5a Protein	

#### **D27 Chemical Actions and Uses**

Provitamins

## **E01** Diagnosis

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Balloon Enteroscopy	Barium Enema
Blood Culture	Breast Density
Computed Tomography Angiography	Cystography
Endoscopic Mucosal Resection	Heart Rate Determination
Kinanthropometry	Laboratory Critical Values
Maximal Respiratory Pressures	Pharmacogenomic Testing
Positron Emission Tomography Computed Tomography	Single Molecule Imaging
Single Photon Emission Computed Tomography Computed Tomography	Single-Balloon Enteroscopy
Slit Lamp Microscopy	Sustained Virologic Response
Traditional Pulse Diagnosis	Walk Test
Walking Speed	

## **E02** Therapeutics

Barium Enema	Cardiac Rehabilitation
Conservative Treatment	Diet, Carbohydrate Loading
Donor Conception	Phage Therapy
Posterior Cruciate Ligament Reconstruction	Standing Orders
Stroke Rehabilitation	Ulnar Collateral Ligament Reconstruction

## **E04** Surgical Procedures, Operative

Arthroplasty, Replacement, Shoulder	Balloon Enteroscopy
Closed Fracture Reduction	Endoscopic Mucosal Resection
Fasciotomy	Open Fracture Reduction
Posterior Cruciate Ligament Reconstruction	Prophylactic Mastectomy
Single-Balloon Enteroscopy	Sutureless Surgical Procedures
Ulnar Collateral Ligament Reconstruction	

#### **E05** Investigative Techniques

Blood Culture	Donor Conception
Gene Editing	In Vivo Dosimetry
Laboratory Critical Values	Network Meta-Analysis
Oxygen Radical Absorbance Capacity	Patient Portals
Patient Reported Outcome Measures	Pharmacogenomic Testing
Simplified Acute Physiology Score	Single Molecule Imaging

#### **E07** Equipment and Supplies

<b>Bathroom Equipment</b>	Cannula
Fitness Trackers	Punctal Plugs
Radiation Dosimeters	Shoulder Prosthesis

#### F01 Behavior and Behavior Mechanisms

Alert Fatigue, Health Personnel	Emergence Delirium
Harassment, Non-Sexual	Healthy Diet
Healthy Lifestyle	Host-Seeking Behavior
Moral Status	Orientation, Spatial
Perfectionism	Phototaxis
Sleep Hygiene	Taxis Response
Vaccination Refusal	Vaping

#### F02 Psychological Phenomena and Processes

Attentional Bias	Orientation, Spatial
Sleep Hygiene	

#### F03 Mental Disorders

Emergence Delirium	Phobia, Social
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## F04 Behavioral Disciplines and Activities

Applied Behavior Analysis	Cognitive Remediation
<b>Ecological Momentary Assessment</b>	Emotion-Focused Therapy
Mental Navigation Tests	

## **G01** Physical Phenomena

Nucleons	Orthodontic Friction
Superconductivity	

#### **G02** Chemical Phenomena

B30.2-SPRY Domain	BTB-POZ Domain
C2 Domains	CYS2-HIS2 Zinc Fingers
Caspase Activation and Recruitment Domain	Death Domain
Death Domain Superfamily	Death Effector Domain
Discoidin Domain	Double-Stranded RNA Binding Motif
ETS Motif	Fibronectin Type III Domain
Immunoglobulin Domains	Kelch Repeat
Methyl CpG Binding Domain	Non-Neuronal Cholinergic System
Pleckstrin Homology Domains	Protein Conformation, alpha-Helical
Protein Conformation, beta-Strand	Protein Domains
Protein Structural Elements	Pyrin Domain
RNA Recognition Motif	RNA-Binding Motifs
Sterile Alpha Motif	Tudor Domain
WD40 Repeats	

#### G03 Metabolism

Non-Neuronal Cholinergic System	Tumor Hypoxia
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#### **G04** Cell Physiological Phenomena

Axon Fasciculation	Axon Guidance
Eryptosis	Neuronal Outgrowth
Non-Neuronal Cholinergic System	Tumor Hypoxia

#### **G05** Genetic Phenomena

Chromothripsis	Inbreeding Depression
Life History Traits	Maternal Inheritance
Paternal Inheritance	Pharmacogenomic Variants
Pseudoautosomal Regions	Synthetic Lethal Mutations

## **G06** Microbiological Phenomena

Mycobiome

#### **G07** Physiological Phenomena

Axon Fasciculation	Axon Guidance
Breast Density	Buttermilk
Chocolate	Cortical Excitability
Diet, Carbohydrate Loading	Healthy Diet
Infradian Rhythm	Kefir
Koumiss	Neuronal Outgrowth
Phototaxis	Provitamins
Taxis Response	Thermotolerance
Ultradian Rhythm	

## **G08** Reproductive and Urinary Physiological Phenomena

Axon Fasciculation	Axon Guidance
Neuronal Outgrowth	

#### G09 Circulatory and Respiratory Physiological Phenomena

Cerebral Blood Volume

#### G11 Musculoskeletal and Neural Physiological Phenomena

Axon Fasciculation	Axon Guidance
Cardiorespiratory Fitness	Cortical Excitability
High-Intensity Interval Training	Neuronal Outgrowth
Phototaxis	Stair Climbing
Taxis Response	Walking Speed

#### **G12** Immune System Phenomena

Immunogenicity, Vaccine

## G16 Biological Phenomena

<b>Extreme Environments</b>	<b>Host-Seeking Behavior</b>
Life History Traits	Mycobiome
Thermotolerance	

## **H01 Natural Science Disciplines**

Pharmaceutical Research	Pharmacy Research
Proteogenomics	Public Health Systems Research

#### **H02** Health Occupations

Cardiac Rehabilitation	Nuclear Pharmacy
Pediatric Emergency Medicine	Pharmacy Research
Radiologic and Imaging Nursing	Stroke Rehabilitation
Surgical Oncology	

#### **101 Social Sciences**

Apartheid	Body Remains
Desegregation	Expropriation
Fiscal Policy	Informal Sector
National Center for Advancing Translational Sciences (U.S.)	National Center for Complementary and Integrative Health (U.S.)
Psychosocial Support Systems	Social Segregation
Vaccination Refusal	Work-Life Balance

#### **I02** Education

High Fidelity Simulation Training	Mentoring
Study Guide as Topic	Teacher Training

#### **103 Human Activities**

Anti-Vaccination Movement	Cardiorespiratory Fitness
Distracted Driving	High-Intensity Interval Training
Stair Climbing	Work-Life Balance

## J01 Technology, Industry, and Agriculture

Biofortification	Domestication
Gardens	

#### J02 Food and Beverages

Buttermilk	Chocolate
Kefir	Koumiss
Provitamins	

#### J03 Non-Medical Public and Private Facilities

Farms	Gardens
Manufacturing and Industrial Facilities	Non-Medical Public and Private Facilities
Private Facilities	Sports and Recreational Facilities
Transportation Facilities	

#### **K01 Humanities**

Moral Status

#### **L01 Information Science**

Calendars as Topic	Call Centers
Emergency Police Dispatcher	Metadata
Postcards as Topic	Simplified Acute Physiology Score
Standardized Nursing Terminology	

#### M01 Persons

Alaska Natives	Allergists
Anesthesiologists	Anesthetists
Audiologists	Cardiologists
Case Managers	Counselors
Dermatologists	Educational Personnel
Emergency Medical Dispatcher	Endocrinologists
Endodontists	Epidemiologists
Faculty, Pharmacy	Gastroenterologists
Geriatricians	Government Employees
Neonatologists	Nephrologists
Neurologists	Nurse Specialists
Nurses, Neonatal	Nurses, Pediatric
Occupational Therapists	Oncologists
Ophthalmologists	Optometrists
Orthopedic Surgeons	Otolaryngologists
Pathologists	Pediatricians
Physiatrists	Pilots
Pulmonologists	Radiation Oncologists
Radiologists	Rheumatologists
School Teachers	Sexual Minorities
Urologists	

## **N01 Population Characteristics**

Cardiorespiratory Fitness

#### N02 Health Care Facilities, Manpower, and Services

NUZ Realth Care Facilities	s, manpower, and services
Allergists	Anesthesiologists
Anesthetists	Audiologists
Cardiac Rehabilitation	Cardiologists
Case Managers	Dermatologists
Emergency Medical Dispatch	<b>Emergency Police Dispatcher</b>
Endocrinologists	Endodontists
Epidemiologists	Gastroenterologists
Geriatricians	Morgue
Neonatologists	Nephrologists
Neurologists	Nurse Specialists
Nurses, Neonatal	Nurses, Pediatric
Occupational Therapists	Oncologists
Ophthalmologists	Optometrists
Orthopedic Surgeons	Otolaryngologists
Pathologists	Patient Comfort
Pediatricians	Pharmacogenomic Testing
Physiatrists	Pulmonologists
Radiation Oncologists	Radiologists
Rheumatologists	Stroke Rehabilitation
Student Run Clinic	Urologists

## N03 Health Care Economics and Organizations

Medicare Access and CHIP Reauthorization Act of 2015	National Center for Advancing Translational Sciences (U.S.)
National Center for Complementary and Integrative Health (U.S.)	Patient Reported Outcome Measures
Vaccination Refusal	Value-Based Insurance

## **N04** Health Services Administration

Alert Fatigue, Health Personnel	Intersectoral Collaboration
Minimal Clinically Important Difference	Morgue
Patient Reported Outcome Measures	Professional Practice Gaps
Strategic Planning	Sustained Virologic Response
Value-Based Insurance	

## N05 Health Care Quality, Access, and Evaluation

Alert Fatigue, Health Personnel	Global Burden of Disease
Independent Medical Evaluation	Minimal Clinically Important Difference
Network Meta-Analysis	Patient Reported Outcome Measures
Professional Practice Gaps	Public Health Systems Research
Simplified Acute Physiology Score	Standing Orders
Sustained Virologic Response	Vaccination Refusal

#### N06 Environment and Public Health

Global Burden of Disease	Kinanthropometry
Mosquito Vectors	Mycobiome
Network Meta-Analysis	Patient Reported Outcome Measures
Simplified Acute Physiology Score	

#### **V02 Publication Formats**

Calendars	Study Guide
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