

Teeth, Salivary Glands, Tongue, Oropharynx, Laryngopharynx, Epiglottis, Esophagus, Cardiac Sphincter, Gastric Epithelium, Parietal Cells, Pyloric Sphincter, Duodenum, Jejunum, Ileum, Brush Border, Lacteal Lymphatic Vessels, Fenestrated Capillaries, Pancreatic Acini, Liver, Gallbladder, Bile Duct, Ileocecal Valve, Cecum, Appendix, Ascending Colon, Transverse Colon, Descending Colon, Sigmoid Colon, Rectum, Anus.

Bronchus, Bone Marrow, Bursa, Cartilage, Conjunctiva, Inner Ear, Middle Ear, Endometrium, Eustachian Tube, Fallopian Tube, Fascia, Ankle Joint, Hip Joint, Knee Joint, Shoulder Joint, TMJ, Labyrinthus, Larynx, Lymphatic Tissue, Mammary Glands, Acoustic Nerve, Olfactory Nerve, Optic Nerve, Sciatic Nerve, Nose, Ovary, Rectum/Anus, Synovial Membrane, Tendon/Ligament, Urethra.

Actin Filaments, ATP, Cell Membrane, Cilia, Cytosol Ectoplasm, Cytosol Endoplasm, DNA, Endoplasmic Reticulum—Rough, Endoplasmic Reticulum—Smooth, Flagellum, Golgi Body, Intermediate Filaments, Lysosome, Membrane Glycoproteins, Membrane Glycolipids, Membrane Glycocalyx, Microtubules, Microvilli, Mitochondria, Nuclear Membrane, Nucleoplasm, Nucleolus, Peroxisome, Phagocytic Vesicle, Pinocytic Vesicle, Ribosome, RNA—Messenger, RNA—Ribosomal, RNA—Transfer, Secretory Vesicles.

IL-1 Interleukin-1, IL-2 Interleukin-2, IL-3 Interleukin-3, IL-4 Interleukin-4, IL-5 Interleukin-5, IL-6 Interleukin-6, IL-7 Interleukin-7, IL-8 Interleukin-8, IL-9 Interleukin-9, IL-10 Interleukin-10, IL-11 Interleukin-11, IL-12 Interleukin-12, IL-13 Interleukin-13, IL-14 Interleukin-14, IL-15 Interleukin-15, IL-16 Interleukin-16, IL-17 Interleukin-17, IL-18 Interleukin-18, IL-19 Interleukin-19, IL-20 Interleukin-20, IL-21 Interleukin-21, IL-22 Interleukin-22, IL-23 Interleukin-23, IL-24 Interleukin-24, IL-25 Interleukin-25, IL-26 Interleukin-26, IL-27 Interleukin-27, IL-28 Interleukin-28, IL-29 Interleukin-29, IL-30 Interleukin-30.

Auricle, Cerumen Earwax, Cochlea, Cochlear Duct, Cochlear Nerve, Cranial Nerve VIII Vestibulocochlear, Endolymph, Endolymphatic Duct, Eustachian Tube, External Auditory Meatus, Hair Cells—Cochlear Base, Hair Cells—Cochlear Tip, Labyrinth—Bony, Labyrinth—Membraneous, Organ of Corti, Ossicle—Incus, Ossicle—Malleus, Ossicle—Stapes, Oval Window, Perilymph, Round Window, Scala Tympani, Scala Vestibuli, Semicircular Canals, Semicircular Ducts, Spiral Ganglion, Tectorial Duct, Tympanic Membrane, Tympanic Scar Tissue, Vestibule

Adrenal Cortex, Adrenal Medula, Endocrine Pancreas, Enteric Endocrine System, Hypothalamus, Islets of Langerhans, Ovaries, Pancreatic Alpha Cells, Pancreatic Beta Cells, Parathyroid Gland, Pineal Gland, Pituitary-Anterior Adenohypophysis, Pituitary-Posterior Neurohypophysis, Prostate, Testes, Thymus, Thyroid.

Bartholin's Glands, Bile, Blood Plasma, Bronchial Mucosa, Ceruminous Glands, Cerumen Earwax, Colostrum, Cowper's Fluid, Cowper's Glands, Dermcidin, Exocrine Pancreas, Lymph, Mammary Glands, Meibomian Glands, Mother's Milk, Nasal Mucosa, Nasal Mucous, Phlegm, Saliva, Salivary Glands, Sebaceous Glands, Sebum, Seminal Fluid, Skene's Glands, Sweat, Sweat Glands—Apocrine Armpits, Breasts, Pubic, Sweat Glands—Eccrine Remainder of Body, Tears, Urine, Vaginal secretions Lubricating Fluids.

Bulbourethral Gland, Cervix, Clitoris, Corpus Caverosum Erectile Tissue, Corpus Luteum, Egg, Ejaculatory Duct, Embryo, Endometrium, Epididymus, Follicle, Glans Penis, Hymen, Labium Majora, Labium Minora, Ovary, Oviduct, Placenta, Prostate Gland, Semen, Seminal Vesicle, Seminiferous Tubules, Skene's Glands, Sperm, Testes, Urethra, Vas Deferens, Uterus, Vagina, Zygote Fertilized Egg.

ACE Angiotensin-Converting Enzyme, ACTH Adrenocorticotrophic Hormone (Corticotropin), ADH Antidiuretic Hormone, Angiotensin II, Calcitonin, Cholecystokinin Pancreozymin, CRH Corticotropin-Releasing Hormone, Epinephrine, FSH Follicle-Stimulating Hormone (Gonadotropin), Gastric Inhibitory Peptide, Gastrin, GH Growth Hormone (Somatotropin), Glucagon, GnRH Gonadotropin-Releasing Hormone, IGF-1 Insulin-Like Growth Factor 1, Insulin, Leptin, LH Luteinizing Hormone (Gonadotropin), Melatonin, Neuropeptide Y, Norepinephrine, Oxytocin, Parathyroid Hormone, POMC Proopiomelanocortin, Prolactin, Secretin, Somatostatin, Thyroglobulin, T4 Thyroxine, TRH Thyroid-Releasing Hormone, T3 Triiodothyronine, TSH Thyroid-Stimulating Hormone, Vasopressin, VIP Vasoactive Intestinal Peptide.

17 $\alpha$ -Hydroxylase enzyme CYP17, Aldosterone, Aldosterone Synthase enzyme CYP11B2, Androstenedione, Aromatase enzyme CYP19, 3 $\beta$ -HSD 3 beta-Hydroxysteroid Hydroxylase enzyme, 17 $\beta$ -HSD 17 Beta-Hydroxysteroid Hydroxylase enzyme, 11 $\beta$ -Hydroxylase enzyme CYP11B1, Cholesterol, Corticosterone, Cortisol, Deoxycorticosterone, 11-Deoxycortisol, Desmolase enzyme CYP11A1, DHEA Dehydroepiandrosterone, Estradiol, Estriol, Estrone, 21-Hydroxylase enzyme CYP21A2, 17-Hydroxypregnenolone, 17-Hydroxyprogesterone, Pregnenolone, Progesterone, Testosterone.

Ptyalin, Lysozyme, Pepsinogen, Pepsin, Gastric Lipase, Gastric Amylase, Gelatinase, Hydrochloric Acid, Sodium Bicarbonate, Trypsinogen, Trypsin, Enterokinase, Chymotrypsinogen, Chymotrypsin, proCarboxypeptidase, Carboxypeptidase, Elastase, Nuclease, Pancreatic Amylase, Pancreatic Lipase, Collagenase, Cholesterol Estrase, Phospholipase, Trypsin Inhibitor, Peptidase, Dextranase, Sucrase, Maltase, Lactase, Intestinal Lipase.

Parietal, Frontal, Occipital, Sphenoid, and Ethmoid Cranial bones; Nasal, Vomer, Maxilla, Palatine, Zygomatic, Mandible, and Inferior Facial Nasal Concha Bones; Clavicle, Scapula, Humerus, Radius, Ulna; Scaphoid, Lunate, Triquetral, Pisiform, Trapezium, Trapezoid, Capitate, and Hamate Carpal Bones; First through Fifth Metacarpals; Manual Sesamoid; Proximal, Middle, and Distal Manual Phalanges; Manubrium, Body, and Xiphoid Process of Sternum; First through twelfth Ribs, Costal Cartilage, Ilium, Sacrum, Pubis, Ilium, Coccyx, Femur, Patella, Tibia, Fibula, Cuneiform, Navicular, Cuboid, Calcaneous, and Talus Tarsal Bones; First through Fifth Metatarsals, Pedal Sesamoid, Proximal, Middle, and Distal Pedal Phalanges.

Brain, Bronchi, Cecum, Colon—Ascending, Colon—Descending, Colon—Sigmoid, Colon—Transverse, Diaphragm, Duodenum, Esophagus, Gallbladder, Heart, Ileocecal Valve, Ileum, Jejunum, Kidney, Liver, Lungs, Lymph Nodes, Pancreas, Penis, Sinus Membranes, Skin, Spinal Cord, Spleen, Stomach, Trachea, Urinary Bladder, Uterus, Vagina.

Acetylcholine, Acetyl-CoA, Choline, Acetylcholinesterase, Norepinephrine, L-Dopa, Dopamine, cAMP, ATP, Aspartate, Angiotensin II, Bombesin, Bradykinin, Carnosine, Cholecystokinin,  $\alpha$ -Endorphin,  $\beta$ -Endorphin, Leucine Enkephalin, Methionine Enkephalin, GABA, Epinephrine, Glutamine, Glycine, Histamine, Neurotensin, Nitric Oxide, Serotonin, Substance P, Somatostatin, VIP Vasoactive Intestinal Peptide.

Bulbourethral Gland, Cervix, Clitoris, Corpus Cavernosum Erectile Tissue, Corpus Luteum, Egg, Ejaculatory Duct, Embryo, Endometrium, Epididymus, Follicle, Glans Penis, Hymen, Labium Majora, Labium Minora, Ovary, Oviduct, Placenta, Prostate Gland, Semen, Seminal Vesicle, Seminiferous Tubules, Skene's Glands, Sperm, Testes, Urethra, Vas Deferens, Uterus, Vagina, Zygote Fertilized Egg.

Adrenaline Epinephrine, Aldosterone, Androsterone, Calcitonin, Corticosterone, Cortisol, DHEA Dehydroepiandrosterone, Estradiol, Estriol, Estrogen, Estrone, FSH Follicle-stimulating Hormone, Gastrin, Glucagon, HGH Human Growth Hormone, Insulin, LH Luteinizing Hormone, Melatonin, Noradrenaline Norepinephrine, Oxytocin, Progesterone, Prolactin, Secretin, T3 Triiodothyronine, T4 Thyroxine, Testosterone, TSH Thyrotropin, TRH Thyrotropin-releasing Hormone, VIP Vasoactive Intestinal Peptide, Vasopressin.

alpha-Adrenergic, beta-Adrenergic, Aldosterone MCR, Androsterone CAR, Calcitonin CTR, Corticosterone MR/GR, Cortisol CR, DHEA, Estradiol ER, Estriol, Estrogen GPER, Estrone, FSH FSHR, Gastrin GR, Glucagon, Growth Hormone GHR, Insulin, LH LHR, Melatonin MEL1, Oxytocin OXTR, Progesterone PR, Prolactin PRLR, Secretin, Triiodothyronine, Thyroxin TR, Testosterone, Thyrotropin, Thyrotropin-releasing Hormone TRHR, Vasoactive Intestinal Peptide VPAC, Vasopressin AVPR.

Acetate, Adenine, Adenosine, ADP, Aldehyde Dehydrogenase, Aldolase, AMP, ATP, Carbon Dioxide, Carbonic Anhydrase, Chromium-GTF, Enolase, Epinephrine, Ethanol, Fatty Acids, Fructose, Fructose 1,6-Diphosphate, Fructose 6-Phosphate, Fructose 6-Phosphate Kinase, Galactose, Glucagon, Glucose, Glucose 6-Phosphate, Glycerate, Glyceraldehyde, Glycerokinase, Glycerol, Glycerophosphate, Glycogen, GDP, GMP, GTP, Guanine, Guanosine, Hydrogen, Insulin, Lactate Dehydrogenase, Lactic Acid, Magnesium, Manganese, Orthophosphate, Oxygen, Phospho(enol)Pyruvate, Phosphoglucose Isomerase, 2-Phosphoglycerate, 3-Phosphoglycerate, Phosphorus, Pyrophosphate, Triglycerides, Zinc. KREBS CYCLE: Acetyl Coenzyme A, Aconitase, a-Ketoglutarate, a-Ketoglutarate Dehydrogenase, cis-Aconitate, Citrate, Citrate Synthetase, FAD, FADH2, Fumarase, Fumarate, Isocitrate, Isocitric Dehydrogenase, Malate, Malate Dehydrogenase, NADH, NADPH, Oxaloacetate, Pyruvate, Pyruvate Dehydrogenase, Pyruvate Kinase, Succinate, Succinate Dehydrogenase, Succinyl Coenzyme A, Succinyl CoA Synthetase.

Adrenaline Ephinephrine, Agmatine, Amphetamine, Cadaverine, Dopamine, Histamine, 5-HIAA 5-Hydroxyindoleacetic Acid, 5-Hydroxykynuramine, 5-HT 5-Hydroxytryptamine, Isophenylamine, Kynuramine, Melatonin, Methamphetamine, 2-Methylbutylamine, 2-Methylhistamine, Noradrenaline Norepinephrine, Octopamine, Phenylethanolamine, 2-Phenylethylamine, Putrescine, Serotonin, Spermidine, Spermine, Trimethylamine, Tryptamine, m-Tyramine, p-Tyramine, DAO Diamine Oxidase, MAO-A Monoamine Oxidase-A, MAO-B Monoamine Oxidase-B.

Amygdala Basal Accessory, Amygdala Basal Lateral, Amygdala Basal Medial, Amygdala Central, Amygdala Cortical, Amygdala ITC, Amygdala Lateral, Amygdala Medial. BG Accumbens, BG Caudate, BG claustrum, BG Cornu Ammonis, BG Globus Pallidus, BG Hippocampus, BG Olfactory, BG Putamen, BG Substantia Nigra, BG, Subthalamic, Hypothalamus, Medulla Ambiguus, Medulla Cuneatus, Medulla Gracialis, Medulla Hypoglossal, Medulla Motor X, Medulla Olivary, Medulla Salivary, Medulla Solitary, Midbrain Colliculi, Midbrain Edinger\_westphal, Midbrain Interpeduncular, Midbrain Oculomotor, Midbrain Red, Midbrain Sensory V, Midbrain Substantia Nigra, Midbrain Tegmental, Midbrain Trochlear IV, Pituitary Anterior, Pituitary Intermediate, Pituitary Posterior, Pons Abducens VI, Pons Apneustic, Pons Cerebellar Peduncles, Pons Cochlear VIII, Pons Facial VII, Pons Motor V, Pons Pneumotaxic, Pons Pontine V, Pons Reticular Formation, Pons Salivary IX, Pons Spinal V, Pons Vestibular VII, Thalamus Adhesion, Thalamus Anterodorsal, Thalamus Anteromedial, Thalamus Anteroventral, Thalamus Central, Thalamus Centromedial, Thalamus Geniculate, Thalamus Habenular, Thalamus Intralaminar, Thalamus Medial, Thalamus Midline Gray, Thalamus Paracentral, Thalamus Parafascicular, Thalamus Paratenial, Thalamus Pineal Body, Thalamus Pulvinar, Thalamus Reuniens, Thalamus Rhomboidal, Thalamus Septal, Thalamus Stria Medullares, Thalamus Ventral, Thalamus VPL, Thalamus VPM, Thalamus Lateral.

Acetylcholine, Acetyl-CoA, Choline, Acetylcholinesterase, Norepinephrine, L-Dopa, Dopamine, cAMP, ATP, Aspartate, Angiotensin II, Bombesin, Bradykinin, Carnosine, Cholecystokinin,  $\alpha$ -Endorphin,  $\beta$ -Endorphin, Leucine Enkephalin, Methionine Enkephalin, GABA, Epinephrine, Glutamine, Glycine, Histamine, Neurotensin, Nitric Oxide, Serotonin, Substance P, Somatostatin, VIP Vasoactive Intestinal Peptide.

Alimentary, Cardiovascular, Circulatory, Cytochrome Transport, Digestive, Endocrine, Excretory, Extrapyrmidal Motor, Genital—Female, Genital—Male, Hematopoietic, Immune, Integumentary, Lymphatic, Lymphoreticular, Muscular, Nervous—Autonomic, Nervous—Central, Nervous—Parasympathetic, Nervous—Peripheral, Nervous—Sympathetic, Neurological, Reproductive, Respiratory, Reticuloendothelial, Sensory, Skeletal, Urinary, Vascular, Vasomotor.

Chromosome 1, Chromosome 2, Chromosome 3, Chromosome 4, Chromosome 5, Chromosome 6, Chromosome 7, Chromosome 8, Chromosome 9, Chromosome 10, Chromosome 11, Chromosome 12, Chromosome 13, Chromosome 14, Chromosome 15, Chromosome 16, Chromosome 17, Chromosome 18, Chromosome 19, Chromosome 20, Chromosome 21, Chromosome 22, Chromosome X, Chromosome Y, Nuclear DNA, Mitochondrial DNA, mRNA Messenger-RNA, tRNA Transfer-RNA, rRNA Ribosomal-RNA, miRNA MicroRNA. HLA

Anterior Interosseous Nerve, Axillary Nerve, Brachial Plexus, Median Nerve, Musculocutaneous Nerve, Posterior Interosseous Nerve, Radial Nerve, Ulnar Nerve. LEG NERVES: Lumbar Plexus, Sacral Plexus, Anterior Femoral Cutaneous Nerve, Common Peroneal Nerve, Deep Peroneal Nerve, Femoral Nerve, Genitofemoral Nerve, Ilioinguinal Nerve, Inferior Gluteal Nerve, Lateral Femoral Cutaneous Nerve, Lateral Plantar Nerve, Medial Plantar Nerve, Obturator Nerve, Posterior Femoral Cutaneous Nerve, Pudendal Nerve, Saphenous Nerve, Sciatic Nerve, Subcostal Nerve, Superficial Peroneal Nerve, Superior Gluteal Nerve, Sural Nerve, Tibial Nerve.

I Olfactory Nerve, II Optic Nerve I Anterior Olfactory Nucleus, II Lateral Geniculate Nucleus, III Oculomotor Nerve, III Accessory Oculomotor Nucleus, III Oculomotor Nucleus, IV Trochlear Nerve, IV Trochlear Nucleus, V Trigeminal Nerve, V Mesencephalic Trigeminal Nucleus, V Spinal Trigeminal Nucleus, V Trigeminal Motor Nucleus, V Trigeminal Sensory Nucleus, VI Abducens Nerve, VI Abducens Nucleus, VII Facial Nerve, VII Facial Nucleus, VII Solitary Nucleus, VIII Vestibulocochlear Nerve, VIII Cochlear Nuclei, VIII Vestibular Nuclei, IX Glossopharyngeal Nerve, IX Nucleus Ambiguus, X Vagus Nerve, X Dorsal Motor Vagal Nucleus, XI Accessory Nerve, XI Spinal Accessory Nucleus, XII Hypoglossal Nerve, XII Hypoglossal Nucleus.

Erythema, Vascular Fluid, Edema, Fever, Glandular Epithelium, Mucous, Fibrin, Fibrinogen, Thrombin, Endothelial Cells, Endothelin, Cytokines, Immune Complexes, Histamine, Arachidonate, Heparin, Thromboxane, Bradykinin, Anaphylatoxin, Superoxide Dismutase, Nitric Oxide, Growth Factor, Lipoxygenase, Prostaglandins, Leukotrienes, Proteoglycans, Peroxidase, Phospholipids, Mast Cells, Thrombocytes (Platelets).

AMPA Amino-Methyl Propionic Acid, Aspartate, Capsaicin, Cathepsin E, Conotoxin, Cyclophilin-A, Cysteic Acid, L-Cysteine, Domoic Acid, GAPDH Glyceraldehyde-3-Phosphate Dehydrogenase, Glutamate, D-Glycine, Homocysteine, Ibotenate/Ibotenic Acid, Kainic Acid, KYNA Kynurenic Acid, LSD Lysergic Acid Diethylamide, beta - ?N-Methylamino-L-Alanine, Methionine Sulfoximine, MSG Monosodium Glutamate, NO Nitric Oxide, Neuropeptide Y, NMDA N-Methyl-D-Aspartate, 3-NP 3-Nitropropionic Acid, ODAP Oxalyl Diaminopropionic Acid, QUIN Quinolinic Acid, QA Quisqualic Acid, Saccharin, D-Serine, TOPA Quinone Trihydroxyphenylalanine.