The LMHA ID is a 10-digit number (e.g. LMHAA0000000089). Here we use an abbreviated form, "LMHA . . 3 digits" (e.g.; LMHA . . 089), for easy viewing.

LMHA . . 210 lower respiratory tract, starting ~36 weeks of human fetal gestation and continuing after birth with some variation in when the alveolar stage commences and when it is complete

LMHA . . 361 trachea
LMHA . . 362 trachea bifurcation
LMHA . . 365 trachea lumen
LMHA . . 366 trachea wall
LMHA . . 415 tracheal mucosa
LMHA . . 288 tracheal epithelium
LMHA . . 089 basement membrane
LMHA . . 583 tracheal epithelial cell
LMHA . . 087 basal cell
LMHA . . 142 ciliated cell
LMHA . . 143 club cell (syn: Clara cell; nonciliated secretory cell)
LMHA . . 524 intermediate airway progenitor cell
LMHA . . 238 mucus cell (syn: mucous cell)
LMHA . . 252 neuroendocrine cell
LMHA . . 340 serous cell
LMHA . . 483 tracheal lamina propria
LMHA . . 136 connective tissue cell
LMHA . . 356 telocyte
LMHA . . 386 unclassified fibroblast
LMHA . . 168 extracellular matrix
LMHA . . 145 collagen fiber
LMHA . . 158 elastic fiber
LMHA . . 180 ground substance
LMHA . . 178 glycoprotein
LMHA . . 576 proteoglycan
LMHA . . 283 reticular fiber
LMHA . . 416 tracheal submucosa
LMHA . . 047 submucosal gland
LMHA . . 089 basement membrane
LMHA . . 351 submucosal gland epithelium
LMHA . . 238 mucus cell (syn: mucous cell)
LMHA . . 242 myoepithelial cell
LMHA . . 340 serous cell
LMHA . . 455 submucosal gland duct epithelium
LMHA . . 087 basal cell
LMHA . . 142 ciliated cell
LMHA . . 146 collecting duct cell
LMHA . . 133 tracheal cartilaginous ring (syn: cartilage)
LMHA . . 183 hyaline cartilage
LMHA . . 141 chondrocyte
LMHA . . 168 extracellular matrix
LMHA . . 145 collagen fiber
LMHA . . 158 elastic fiber
LMHA . . 180 ground substance
LMHA . . 178 glycoprotein
LMHA . . 283 proteoglycan
glycosaminoglycan

reticular fiber

traceal muscle (syn: membranous trachea)

smooth muscle cell

fibroelastic membrane (syn: fibroelastic connective tissue; fibroelastic tissue)

perichondrium

annular ligament

connective tissue cell

unclassified fibroblast

electric fiber

ground substance

glycoprotein

proteoglycan

glycosaminoglycan

bronchus

main bronchus (syn: primary bronchus; mainstem bronchus)

left lung main bronchus (syn: bronchus left)

right lung main bronchus (syn: bronchus right)

lobar bronchus (syn: secondary bronchus)

left lung lobar bronchus

left lung upper lobar bronchus

left lung lower lobar bronchus

right lung lobar bronchus (syn: secondary bronchus)

right lung upper lobar

right lung middle lobar bronchus

right lung lower lobar bronchus

segmental bronchus (syn: tertiary bronchus)

left lung segmental bronchus (syn: tertiary bronchus)

left apical bronchus

left posterior bronchus

left anterior bronchus

superior lingular bronchus

inferior lingular bronchus
Classification scheme for each bronchus above is the same as below.

LMHA . . 123 | bronchus lumen
LMHA . . 124 | bronchus wall
LMHA . . 418 | bronchial mucosa
LMHA . . 101 | bronchial epithelium
LMHA . . 089 | basement membrane
LMHA . . 577 | bronchial epithelial cell
LMHA . . 087 | basal cell
LMHA . . 142 | ciliated cell
LMHA . . 524 | intermediate airway progenitor cell
LMHA . . 252 | neuroendocrine cell
LMHA . . 253 | neuroepithelial body
LMHA . . 252 | neuroendocrine cell
LMHA . . 143 | club cell (syn: Clara cell; nonciliated secretory cell; bronchiolar exocrine cell)
LMHA . . 238 | mucus cell (syn: mucous cell)
LMHA . . 340 | serous cell
LMHA . . 590 | bronchial lamina propria (syn: bronchial connective tissue)
LMHA . . 136 | connective tissue cell
LMHA . . 356 | telocyte
LMHA . . 386 | unclassified fibroblast
LMHA . . 168 | extracellular matrix
LMHA . . 145 | collagen fiber
LMHA . . 158 | elastic fiber
LMHA . . 180 | ground substance
LMHA . . 178 | glycoprotein
LMHA . . 283 | proteoglycan
LMHA . . 576 | glycosaminoglycan
LMHA . . 320 | reticular fiber
LMHA . . 103 | bronchial smooth muscle
LMHA . . 343 | smooth muscle cell
LMHA . . 419 | bronchial submucosa
LMHA . . 047 | submucosal gland
LMHA . . 089 | basement membrane
LMHA . . 351 | submucosal gland epithelium
LMHA . . 238 | mucus cell (syn: mucous cell)
LMHA . . 242 | myoepithelial cell
LMHA . . 340 | serous cell
LMHA . . 455 | submucosal gland duct epithelium
Note: The classification scheme for the right upper and middle lobes and for the left upper and lower lobes is the same as for the right lower lobe below.

| LMHA . . 211 | ⊲ lung |
| LMHA . . 199 | ⊲ left lung |
| LMHA . . 326 | ⊲ right lung |
| LMHA . . 324 | ⊲ right lung lower lobe (syn: right inferior lobe) |
| LMHA . . 021 | ⊲ right lower lobe bronchiole |
| LMHA . . 578 | ⊲ membranous bronchiole |
| LMHA . . 579 | ⊲ membranous bronchiolar lumen |
| LMHA . . 580 | ⊲ membranous bronchiolar wall |
| LMHA . . 581 | ⊲ membranous bronchiolar epithelium |
| LMHA . . 136 | ⊲ connective tissue cell |
| LMHA . . 134 | ⊲ ciliated cell |
| LMHA . . 142 | ⊲ neuroendocrine cell |
| LMHA . . 143 | ⊲ neuroepithelial body |
| LMHA . . 144 | ⊲ club cell (syn: Clara cell; nonciliated secretory cell; bronchiolar exocrine cell) |
| LMHA . . 238 | ⊲ mucus cell (syn: mucous cell) |
| LMHA . . 283 | ⊲ serous cell |
| LMHA . . 284 | ⊲ bronchiolar lamina propria |
| LMHA . . 324 | ⊲ connective tissue cell |
| LMHA . . 326 | ⊲ ciliated cell |
| LMHA . . 327 | ⊲ basal lamina |
| LMHA . . 328 | ⊲ bronchiolar adventitia |
| LMHA . . 329 | ⊲ unclassified fibroblast |
| LMHA . . 330 | ⊲ extracellular matrix |
| LMHA . . 331 | ⊲ telocyte |
| LMHA . . 332 | ⊲ unclassified fibroblast |
| LMHA . . 333 | ⊲ extracellular matrix |
| LMHA . . 334 | ⊲ telocyte |
| LMHA . . 335 | ⊲ unclassified fibroblast |
| LMHA . . 336 | ⊲ extracellular matrix |
| LMHA . . 337 | ⊲ telocyte |
| LMHA . . 338 | ⊲ unclassified fibroblast |
| LMHA . . 339 | ⊲ extracellular matrix |
| LMHA . . 340 | ⊲ telocyte |
| LMHA . . 341 | ⊲ unclassified fibroblast |
| LMHA . . 342 | ⊲ extracellular matrix |
| LMHA . . 343 | ⊲ telocyte |
| LMHA . . 344 | ⊲ unclassified fibroblast |
| LMHA . . 345 | ⊲ extracellular matrix |
| LMHA . . 346 | ⊲ telocyte |
| LMHA . . 347 | ⊲ unclassified fibroblast |
| LMHA . . 348 | ⊲ extracellular matrix |
| LMHA . . 349 | ⊲ telocyte |
| LMHA . . 350 | ⊲ unclassified fibroblast |
| LMHA . . 351 | ⊲ extracellular matrix |
| LMHA . . 352 | ⊲ telocyte |
| LMHA . . 353 | ⊲ unclassified fibroblast |
| LMHA . . 354 | ⊲ extracellular matrix |
| LMHA . . 355 | ⊲ telocyte |
| LMHA . . 356 | ⊲ unclassified fibroblast |
| LMHA . . 357 | ⊲ terminal bronchiolar lumen |
| LMHA . . 358 | ⊲ terminal bronchiolar wall |
Note: the classification scheme for the “respiratory bronchiolar alveolus” is the same as for the “alveolus” below.
Note: the classification scheme for “primary alveolar septum”, “alveolar septal crest”, and “secondary alveolar septum” is the same as below.

LMHA...065    |   |   |   |   |  |-alveolar epithelium
LMHA...089    |   |   |   |   |  |-basement membrane
LMHA...585    |   |   |   |   |  |-alveolar epithelial cell
LMHA...379    |   |   |   |   |  |-type I pneumocyte (syn: alveolar epithelial cell, type I; AT1 cell)
LMHA...381    |   |   |   |   |  |-type II pneumocyte (syn: alveolar epithelial cell, type II; AT2 cell)
LMHA...060    |   |   |   |   |  |-alveolar capillary bed (syn: alveolar capillary network)
LMHA...061    |   |   |   |   |  |-alveolar capillary endothelium
LMHA...089    |   |   |   |   |  |-basement membrane
LMHA...273    |   |   |   |   |  |-pericyte
LMHA...392    |   |   |   |   |  |-vascular endothelial cell
LMHA...067    |   |   |   |   |  |-alveolar interstitial tissue (syn: alveolar interstitium; alveolar stroma; alveolar connective tissue; alveolar mesenchyme)
LMHA...066    |   |   |   |   |  |-alveolar interstitial cell (syn: alveolar mesenchymal cell; alveolar stromal cell; alveolar connective tissue cell)
LMHA...007    |   |   |   |   |  |-matrix fibroblast (syn: matrix synthesizing fibroblast)
LMHA...209    |   |   |   |   |  |-lipofibroblast
LMHA...243    |   |   |   |   |  |-myofibroblast
LMHA...273    |   |   |   |   |  |-pericyte
LMHA...356    |   |   |   |   |  |-telocyte
LMHA...386    |   |   |   |   |  |-unclassified fibroblast
LMHA...168    |   |   |   |   |  |-extracellular matrix
LMHA...145    |   |   |   |   |  |-collagen fiber
LMHA...158    |   |   |   |   |  |-elastic fiber
LMHA...180    |   |   |   |   |  |-ground substance
LMHA...178    |   |   |   |   |  |-glycoprotein
LMHA...283    |   |   |   |   |  |-proteoglycan
LMHA...576    |   |   |   |   |  |-glycosaminoglycan
LMHA...320    |   |   |   |   |  |-reticular fiber
LMHA...564    |   |   |   |   |  |-right lower lobe interlobular septum
LMHA...136    |   |   |   |   |  |-connective tissue cell
LMHA...356    |   |   |   |   |  |-telocyte
LMHA...386    |   |   |   |   |  |-unclassified fibroblast
LMHA...168    |   |   |   |   |  |-extracellular matrix
LMHA...145    |   |   |   |   |  |-collagen fiber
LMHA...158    |   |   |   |   |  |-elastic fiber
LMHA...180    |   |   |   |   |  |-ground substance
lymphoid tissue
Bronchus-associated lymphoid tissue (syn: BALT)

myeloid cell
granulocyte
easophil (syn: basophilic leukocyte; basophilic granulocyte)
eosinophil
neutrophil
macrophage (syn: histiocyte)
alveolar macrophage
tingible body macrophage
lung interstitial macrophage (syn: lung tissue macrophage; pulmonary interstitial macrophage)
megakaryocyte
platelet
monocyte
lymphoid cell
lymphocyte
B lymphocyte (syn: B cell)
plasma cell (syn: mature B lymphocyte)
T lymphocyte (syn: T cell)
innate lymphoid cell
natural killer cell (syn: non-T, non-B lymphocyte; large granular lymphocyte)
nuocyte
lymphoid tissue
Bronchus-associated lymphoid tissue (syn: BALT)
B lymphocyte (syn: B cell)
plasma cell (syn: mature B lymphocyte)
T lymphocyte (syn: T cell)
Lymph node (paratracheal and hilar)
connective tissue capsule
trabecula
cortex
interfollicular area of the lymph node (syn: lymph node paracortical region)
B lymphocyte (syn: B cell)
plasma cell (syn: mature B lymphocyte)
dendritic cell
Langerhans cell
T lymphocyte (syn: T cell)
lymphoid follicle
germinal center (syn: central zone of follicle; reactive center of follicle)
B lymphocyte (syn: B lymphocyte; B cell)
T lymphocyte (syn: T cell)
centroblast (syn: large non-cleaved follicle center cell)
dendritic cell
Langerhans cell
immunoblast
tingible body macrophage
mantle zone
B lymphocyte (syn: B cell)
plasma cell (syn: mature B lymphocyte)
T lymphocyte (syn: T cell)
marginal zone
B lymphocyte (syn: B cell)
plasma cell (syn: mature B lymphocyte)
T lymphocyte (syn: T cell)
endothelial sinus

cortical sinus

medullary sinus

paratrabeclular sinus (syn: trabecular sinus)

subcapsular sinus

medulla

medullary cord

B Lymphocyte (syn: B cell)

plasma cell (syn: mature B lymphocyte)

lymphoid macrophage

respiratory system blood vessel (syn: respiratory vascular system; respiratory vasculature)

eosinophil

erythroid

erythrocyte

lymphoid macrophage

Note: the classification scheme for “bronchial blood vessel” is as follows:

- “bronchial artery” is analogous to “pulmonary muscular artery”
- “bronchial arteriole” is analogous to “pulmonary distal arteriole”
- “bronchial vein” is analogous to “pulmonary vein” but does not include the “vasa vasorum”
- “bronchial venule” is analogous to “pulmonary distal venule”

pulmonary blood vessel

intra-parenchymal blood vessel

pulmonary artery

pulmonary artery tunica intima

artery endothelium

basement membrane

vascular endothelial cell

internal elastic membrane

subendothelial connective tissue cell

pericyte

telocyte

vascular connective tissue (syn: perivascular connective tissue)

connective tissue cell

telocyte

unclassified fibroblast

extracellular matrix

collagen fiber

elastic fiber

ground substance

glycoprotein

proteoglycan

glycosaminoglycan

reticular fiber

pulmonary artery tunica media

external elastic membrane

vascular smooth muscle

smooth muscle cell

vascular connective tissue (syn: perivascular connective tissue)
pulmonary distal arteriole

pulmonary distal arteriole tunica adventitia

vascular smooth muscle

vascular connective tissue (syn: perivascular connective tissue)

pulmonary distal arteriole tunica media

extracellular matrix

vascular connective tissue (syn: perivascular connective tissue)

pulmonary distal arteriole tunica intima
pulmonary venule

pulmonary muscular venule

pulmonary muscular venule tunica intima

internal elastic membrane

pericyte

telocyte

venule endothelium

basement membrane

vascular endothelial cell

vascular smooth muscle

smooth muscle cell

vascular connective tissue

connective tissue cell

telocyte

unclassified fibroblast

extracellular matrix

collagen fiber

elastic fiber

ground substance

glycoprotein

proteoglycan

glycosaminoglycan

reticular fiber

connective tissue cell

ground substance

elastic fiber

collagen fiber

ground substance
pulmonary lymphatic vessel

LMHA . . . 178 | | | | | | | | glycoprotein
LMHA . . . 283 | | | | | | | | proteoglycan
LMHA . . . 576 | | | | | | | | glycosaminoglycan
LMHA . . . 320 | | | | | | | | reticular fiber
LMHA . . . 301 | | | | | | | | pulmonary distal venule
LMHA . . . 303 | | | | | | | | pulmonary distal venule tunica intima
LMHA . . . 378 | | | | | | | | subendothelial connective tissue cell
LMHA . . . 273 | | | | | | | | pericyte
LMHA . . . 356 | | | | | | | | telocyte
LMHA . . . 403 | | | | | | | | venule endothelium
LMHA . . . 089 | | | | | | | | basement membrane
LMHA . . . 392 | | | | | | | | vascular endothelial cell
LMHA . . . 440 | | | | | | | | vascular connective tissue
LMHA . . . 136 | | | | | | | | connective tissue cell
LMHA . . . 356 | | | | | | | | telocyte
LMHA . . . 386 | | | | | | | | unclassified fibroblast
LMHA . . . 168 | | | | | | | | extracellular matrix
LMHA . . . 145 | | | | | | | | collagen fiber
LMHA . . . 158 | | | | | | | | elastic fiber
LMHA . . . 180 | | | | | | | | ground substance
LMHA . . . 178 | | | | | | | | glycoprotein
LMHA . . . 283 | | | | | | | | proteoglycan
LMHA . . . 576 | | | | | | | | glycosaminoglycan
LMHA . . . 320 | | | | | | | | reticular fiber
LMHA . . . 302 | | | | | | | | pulmonary distal venule tunica adventitia
LMHA . . . 440 | | | | | | | | vascular connective tissue
LMHA . . . 136 | | | | | | | | connective tissue cell
LMHA . . . 356 | | | | | | | | telocyte
LMHA . . . 386 | | | | | | | | unclassified fibroblast
LMHA . . . 168 | | | | | | | | extracellular matrix
LMHA . . . 145 | | | | | | | | collagen fiber
LMHA . . . 158 | | | | | | | | elastic fiber
LMHA . . . 180 | | | | | | | | ground substance
LMHA . . . 178 | | | | | | | | glycoprotein
LMHA . . . 283 | | | | | | | | proteoglycan
LMHA . . . 576 | | | | | | | | glycosaminoglycan
LMHA . . . 320 | | | | | | | | reticular fiber
LMHA . . . 447 | | | | | | | | pulmonary lymphatic vessel
LMHA . . . 221 | | | | | | | | lymphatic vessel tunica intima
LMHA . . . 378 | | | | | | | | subendothelial connective tissue cell
LMHA . . . 273 | | | | | | | | pericyte
LMHA . . . 356 | | | | | | | | telocyte
LMHA . . . 422 | | | | | | | | lymphatic endothelium
LMHA . . . 089 | | | | | | | | basement membrane
LMHA . . . 216 | | | | | | | | lymphatic endothelial cell
LMHA . . . 440 | | | | | | | | vascular connective tissue
LMHA . . . 136 | | | | | | | | connective tissue cell
LMHA . . . 356 | | | | | | | | telocyte
LMHA . . . 386 | | | | | | | | unclassified fibroblast
LMHA . . . 168 | | | | | | | | extracellular matrix
LMHA . . . 145 | | | | | | | | collagen fiber
LMHA . . . 158 | | | | | | | | elastic fiber
LMHA . . . 180 | | | | | | | | ground substance
LMHA . . . 178 | | | | | | | | glycoprotein
LMHA . . . 283 | | | | | | | | proteoglycan