

The LMMA ID is a 10-digit number (e.g. LMMA0000000089). Here we use an abbreviated form, "LMMA . . 3 digits" (e.g.; LMMA . . 089), for easier viewing.

LMMA . . 210 lower respiratory tract – P0 to P03 (mid-to-late saccular stage of mouse lung development)

LMMA . . 361 trachea

LMMA . . 362	└	trachea bifurcation			
LMMA . . 365	└	trachea lumen			
LMMA . . 366	└	trachea wall			
LMMA . . 415		└ tracheal mucosa			
LMMA . . 414			└ tracheal epithelium		
LMMA . . 089				└ basement membrane	
LMMA . . 590				└ tracheal epithelial cell	
LMMA . . 087				└ basal cell	
LMMA . . 125				└ chemosensory cell (syn: brush cell)	
LMMA . . 142				└ ciliated cell	
LMMA . . 143				└ club cell (syn: Clara cell; nonciliated secretory cell; bronchiolar exocrine cell)	
LMMA . . 184				└ immature club cell (syn: immature Clara cell)	
LMMA . . 526				└ intermediate airway progenitor cell	
LMMA . . 238				└ mucus cell (syn: mucous cell)	
LMMA . . 252				└ neuroendocrine cell	
LMMA . . 340				└ serous cell	
LMMA . . 483			└	tracheal lamina propria	
LMMA . . 136				└ connective tissue cell	
LMMA . . 356				└ telocyte	
LMMA . . 386				└ unclassified fibroblast	
LMMA . . 168			└	extracellular matrix	
LMMA . . 145				└ collagen fiber	
LMMA . . 158				└ elastic fiber	
LMMA . . 180				└ ground substance	
LMMA . . 529					└ glycosaminoglycan
LMMA . . 178					└ glycoprotein
LMMA . . 283					└ proteoglycan
LMMA . . 320					└ reticular fiber
LMMA . . 416		└	tracheal submucosa		
LMMA . . 047			└	submucosal gland	
LMMA . . 089				└ basement membrane	
LMMA . . 351				└ submucosal gland epithelium	
LMMA . . 238				└ mucus cell (syn: mucous cell)	
LMMA . . 340				└ serous cell	
LMMA . . 242				└ myoepithelial cell	
LMMA . . 455				└ submucosal gland duct epithelium	
LMMA . . 087				└ basal cell	
LMMA . . 125				└ chemosensory cell (syn: brush cell)	
LMMA . . 142				└ ciliated cell	
LMMA . . 146				└ collecting duct cell	
LMMA . . 606			└	tracheal cartilaginous ring	
LMMA . . 592				└ annular ligament	
LMMA . . 183				└ hyaline cartilage	
LMMA . . 141				└ chondrocyte	

LMMA . . 124					└ bronchus wall
LMMA . . 418					└ bronchial mucosa
LMMA . . 101					└ bronchial epithelium
LMMA . . 089					└ basement membrane
LMMA . . 591					└ bronchial epithelial cell
LMMA . . 087					└ basal cell
LMMA . . 125					└ chemosensory cell (syn: brush cell)
LMMA . . 142					└ ciliated cell
LMMA . . 143					└ club cell (syn: Clara cell; nonciliated secretory cell; bronchiolar exocrine cell)
LMMA . . 184					└ immature club cell (syn: immature Clara cell)
LMMA . . 526					└ intermediate airway progenitor cell
LMMA . . 238					└ mucus cell (syn: mucous cell)
LMMA . . 252					└ neuroendocrine cell
LMMA . . 340					└ serous cell
LMMA . . 481					└ bronchial lamina propria
LMMA . . 136					└ connective tissue cell
LMMA . . 356					└ telocyte
LMMA . . 386					└ unclassified fibroblast
LMMA . . 168					└ extracellular matrix
LMMA . . 145					└ collagen fiber
LMMA . . 158					└ elastic fiber
LMMA . . 180					└ ground substance
LMMA . . 529					└ glycosaminoglycan
LMMA . . 178					└ glycoprotein
LMMA . . 283					└ proteoglycan
LMMA . . 320					└ reticular fiber
LMMA . . 482					└ bronchial smooth muscle (syn: peribronchial smooth muscle)
LMMA . . 343					└ smooth muscle cell
LMMA . . 419					└ bronchial submucosa
LMMA . . 133					└ bronchial cartilaginous ring (syn: cartilage ring; cartilage; cartilaginous ring)
LMMA . . 482					└ bronchial smooth muscle (syn: peribronchial smooth muscle)
LMMA . . 343					└ smooth muscle cell
LMMA . . 183					└ hyaline cartilage
LMMA . . 141					└ chondrocyte
LMMA . . 168					└ extracellular matrix
LMMA . . 145					└ collagen fiber
LMMA . . 158					└ elastic fiber
LMMA . . 180					└ ground substance
LMMA . . 529					└ glycosaminoglycan
LMMA . . 178					└ glycoprotein
LMMA . . 283					└ proteoglycan
LMMA . . 320					└ reticular fiber
LMMA . . 410					└ fibroelastic membrane (syn: fibroelastic tissue; fibroelastic connective tissue)
LMMA . . 412					└ perichondrium
LMMA . . 592					└ annular ligament
LMMA . . 136					└ connective tissue cell
LMMA . . 356					└ telocyte
LMMA . . 386					└ unclassified fibroblast
LMMA . . 168					└ extracellular matrix
LMMA . . 145					└ collagen fiber
LMMA . . 158					└ elastic fiber

LMMA .. 698 | | | † lymphoid macrophage
 LMMA .. 227 | | † mast cell
 LMMA .. 613 | | † megakaryocyte
 LMMA .. 668 | | | † platelet
 LMMA .. 233 | | † monocyte
 LMMA .. 614 | † lymphoid cell
 LMMA .. 620 | | † innate lymphoid cell
 LMMA .. 245 | | | † natural killer cell (syn: non-T, non-B lymphocyte; large granular lymphocyte)
 LMMA .. 437 | | | † nuocyte
 LMMA .. 223 | | † lymphocyte
 LMMA .. 086 | | | † B Lymphocyte (syn: B cell)
 LMMA . 677 | | | † plasma cell (syn: mature B lymphocyte)
 LMMA .. 354 | | | † T Lymphocyte (syn: T cell)
 LMMA .. 626 † lymphoid tissue
 LMMA .. 475 | † bronchus associated lymphoid tissue
 LMMA .. 086 | | † B Lymphocyte (syn: B cell)
 LMMA . 677 | | | † plasma cell (syn: mature B lymphocyte)
 LMMA .. 354 | | † T Lymphocyte (syn: T cell)
 LMMA .. 224 | † lymph node
 LMMA .. 678 | | † connective tissue capsule
 LMMA .. 679 | | | † trabecula
 LMMA .. 680 | | † cortex
 LMMA .. 681 | | | † primary lymphoid follicle
 LMMA .. 699 | | | | † germinal center (syn: central zone of follicle; reactive center of follicle)
 LMMA .. 086 | | | | † B Lymphocyte (syn: B cell)
 LMMA .. 677 | | | | † plasma cell (syn: mature B lymphocyte)
 LMMA .. 686 | | † endothelial sinus
 LMMA .. 687 | | | † cortical sinus
 LMMA .. 688 | | | † medullary sinus
 LMMA .. 689 | | | † paratrabecular sinus (syn: trabecular sinus)
 LMMA . 690 | | † subcapsular sinus
 LMMA .. 682 | | † medulla
 LMMA .. 683 | | | † medullary cord
 LMMA .. 086 | | | | † B Lymphocyte (syn: B cell)
 LMMA .. 677 | | | | † plasma cell (syn: mature B lymphocyte)
 LMMA .. 698 | | | | † lymphoid macrophage
 LMMA .. 684 | | † paracortex (syn: subcortical zone, interfollicular area of the lymph node)
 LMMA .. 685 | | | † reticular cell
 LMMA .. 354 | | † T Lymphocyte (syn: T cell)

LMMA .. 523 respiratory system blood vessel (syn: vascular system; vasculature)

LMMA .. 692 † blood cell

LMMA .. 618 | † erythroid

LMMA .. 619 | | † erythrocyte

LMMA .. 104 † bronchial blood vessel

LMMA .. 098 | † bronchial artery

LMMA .. 095 | † bronchial arteriole

LMMA .. 105 | † bronchial vein

LMMA .. 109 | † bronchial venule

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

- The classification scheme for the “bronchial artery” is the same as for the “pulmonary muscular artery” below
- The classification scheme for the “bronchial arteriole” is the same as for the “pulmonary distal arteriole” below
- The classification scheme for the “bronchial venule” is the same as for the “pulmonary vein” (does not include the “vasa vasorum”) below
- The classification scheme for the “bronchial artery” is the same as for the “pulmonary distal venule” below

LMMA . . 315	└	pulmonary blood vessel
LMMA . . 632	└	intra-parenchymal blood vessel
LMMA . . 291	└	pulmonary artery
LMMA . . 293	└	pulmonary artery tunica intima
LMMA . . 081	└	artery endothelium
LMMA . . 089	└	basement membrane
LMMA . . 616	└	arterial endothelial cell
LMMA . . 191	└	internal elastic membrane
LMMA . . 378	└	subendothelial connective tissue cell
LMMA . . 273	└	pericyte
LMMA . . 356	└	telocyte
LMMA . . 440	└	vascular connective tissue (syn: perivascular connective tissue)
LMMA . . 136	└	connective tissue cell
LMMA . . 356	└	telocyte
LMMA . . 386	└	unclassified fibroblast
LMMA . . 168	└	extracellular matrix
LMMA . . 145	└	collagen fiber
LMMA . . 158	└	elastic fiber
LMMA . . 180	└	ground substance
LMMA . . 529	└	glycosaminoglycan
LMMA . . 178	└	glycoprotein
LMMA . . 283	└	proteoglycan
LMMA . . 320	└	reticular fiber
LMMA . . 294	└	pulmonary artery tunica media
LMMA . . 167	└	external elastic membrane
LMMA . . 393	└	vascular smooth muscle
LMMA . . 343	└	smooth muscle cell
LMMA . . 440	└	vascular connective tissue (syn: perivascular connective tissue)
LMMA . . 136	└	connective tissue cell
LMMA . . 356	└	telocyte
LMMA . . 386	└	unclassified fibroblast
LMMA . . 168	└	extracellular matrix
LMMA . . 145	└	collagen fiber
LMMA . . 158	└	elastic fiber
LMMA . . 180	└	ground substance
LMMA . . 529	└	glycosaminoglycan
LMMA . . 178	└	glycoprotein
LMMA . . 283	└	proteoglycan
LMMA . . 320	└	reticular fiber
LMMA . . 292	└	pulmonary artery tunica adventitia
LMMA . . 395	└	vasa vasorum
LMMA . . 440	└	vascular connective tissue (syn: perivascular connective tissue)
LMMA . . 136	└	connective tissue cell
LMMA . . 356	└	telocyte
LMMA . . 386	└	unclassified fibroblast

LMMA .. 168						└ extracellular matrix
LMMA .. 145						└ collagen fiber
LMMA .. 158						└ elastic fiber
LMMA .. 180						└ ground substance
LMMA .. 529						└ glycosaminoglycan
LMMA .. 178						└ glycoprotein
LMMA .. 283						└ proteoglycan
LMMA .. 320						└ reticular fiber
LMMA .. 290	 	 	 	 	 	└ pulmonary arteriole
LMMA .. 304	 	 	 	 	 	└ pulmonary muscular arteriole
LMMA .. 488						└ pulmonary muscular arteriole tunica intima
LMMA .. 078						└ arteriole endothelium
LMMA .. 089						└ basement membrane
LMMA .. 392						└ vascular endothelial cell
LMMA .. 378						└ subendothelial connective tissue cell
LMMA .. 273						└ pericyte
LMMA .. 356						└ telocyte
LMMA .. 440						└ vascular connective tissue (syn: perivascular connective tissue)
LMMA .. 136						└ connective tissue cell
LMMA .. 356						└ telocyte
LMMA .. 386						└ unclassified fibroblast
LMMA .. 168						└ extracellular matrix
LMMA .. 145						└ collagen fiber
LMMA .. 158						└ elastic fiber
LMMA .. 180						└ ground substance
LMMA .. 529						└ glycosaminoglycan
LMMA .. 178						└ glycoprotein
LMMA .. 283						└ proteoglycan
LMMA .. 320						└ reticular fiber
LMMA .. 489						└ pulmonary muscular arteriole tunica media
LMMA .. 393						└ vascular smooth muscle
LMMA .. 343						└ smooth muscle cell
LMMA .. 440						└ vascular connective tissue (syn: perivascular connective tissue)
LMMA .. 136						└ connective tissue cell
LMMA .. 356						└ telocyte
LMMA .. 386						└ unclassified fibroblast
LMMA .. 168						└ extracellular matrix
LMMA .. 145						└ collagen fiber
LMMA .. 158						└ elastic fiber
LMMA .. 180						└ ground substance
LMMA .. 529						└ glycosaminoglycan
LMMA .. 178						└ glycoprotein
LMMA .. 283						└ proteoglycan
LMMA .. 320						└ reticular fiber
LMMA .. 486						└ pulmonary muscular arteriole tunica adventitia
LMMA .. 395						└ vasa vasorum
LMMA .. 440						└ vascular connective tissue (syn: perivascular connective tissue)
LMMA .. 136						└ connective tissue cell
LMMA .. 356						└ telocyte
LMMA .. 386						└ unclassified fibroblast
LMMA .. 168						└ extracellular matrix

