

Nomenclature versioning in MTG and DLPFC

During our analysis, the SEA-AD team has worked to improve the accuracy of cell supertype classifications by aligning them more closely with established brain cell types. As a result, we've updated the names of five supertypes. While these changes have been incorporated into some of our tools and resources, others may still reflect the older names. The table below provides a mapping between the old and new names for these six supertypes. All other supertypes have consistent names across all public files.

SEA-AD official name	Initial name
Version 2024-02-13	Version 2023-05-05
Pericyte_1	VLMC_2
SMC-SEAAD	VLMC_2_1-SEAAD
Pericyte_2-SEAAD	VLMC_2_2-SEAAD
Lymphocyte	Micro-PVM_2_2-SEAAD
Monocyte	Micro-PVM_1_1-SEAAD

More specifically, the Comparative Viewer and CELLxGENE include the initial name, while all other tools (ABC Atlas, Gene Expression Trajectory Viewer, MapMyCells, and Annotation Comparison Explorer) and our manuscript use the official name.