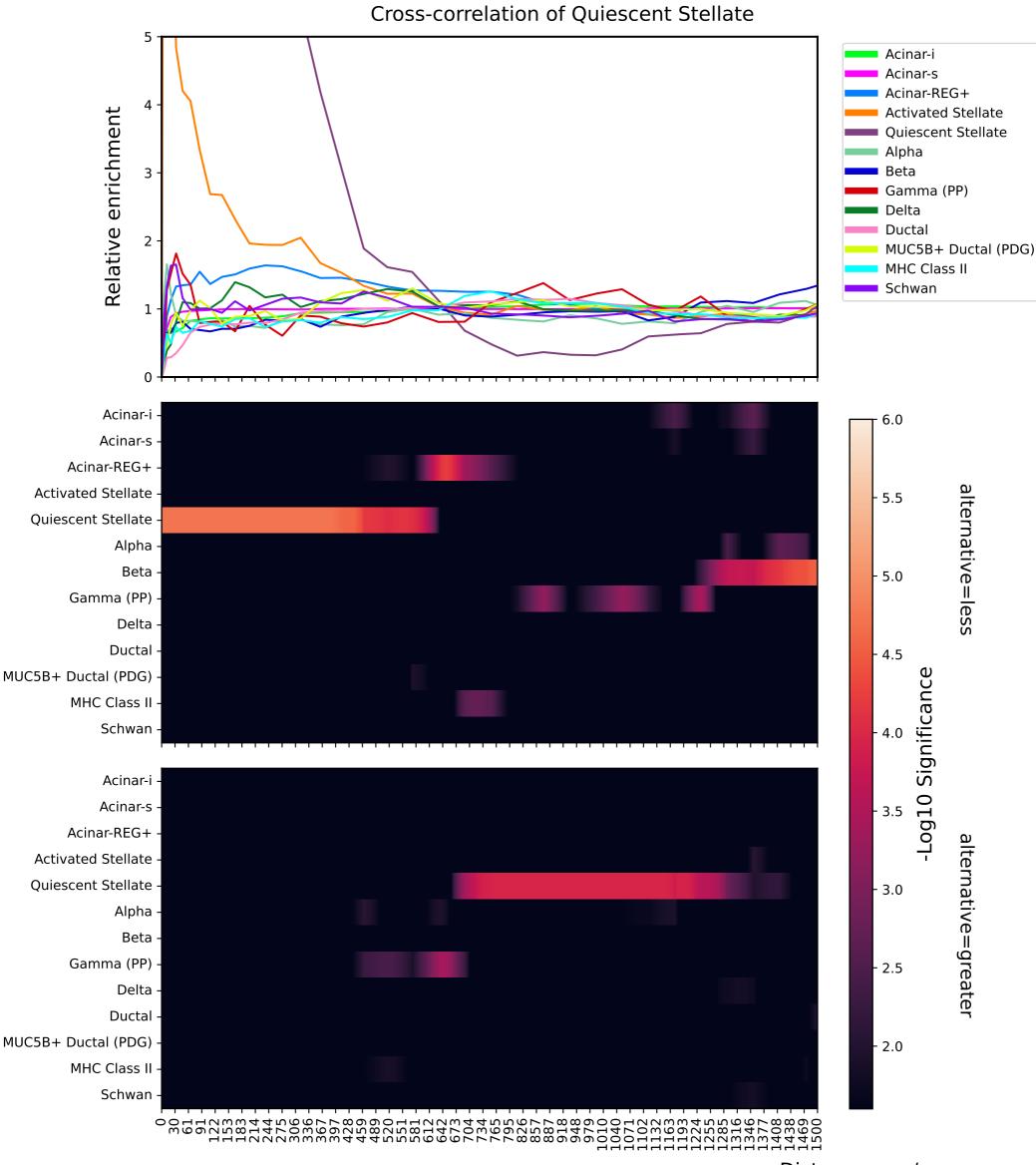
Cross-correlation of Acinar-i 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 · MUC5B+ Ductal (PDG) MHC Class II Schwan 1 0 Acinar-i -6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal -4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II -Schwan - 4.0 Acinar-i Acinar-s - 3.5 Acinar-REG+ alternative=greater **Activated Stellate** Quiescent Stellate - 3.0 Alpha Beta Gamma (PP) - 2.5 Delta Ductal -MUC5B+ Ductal (PDG) - 2.0 MHC Class II Schwan

Cross-correlation of Acinar-s 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 · MUC5B+ Ductal (PDG) MHC Class II Schwan 1 0 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta -5.0 Gamma (PP) Delta Ductal -- 4.5 -Log10 Significance MUC5B+ Ductal (PDG) -MHC Class II -Schwan - 4.0 Acinar-i Acinar-s -- 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate - 3.0 Alpha Beta Gamma (PP) - 2.5 Delta Ductal -MUC5B+ Ductal (PDG) - 2.0 MHC Class II -Schwan

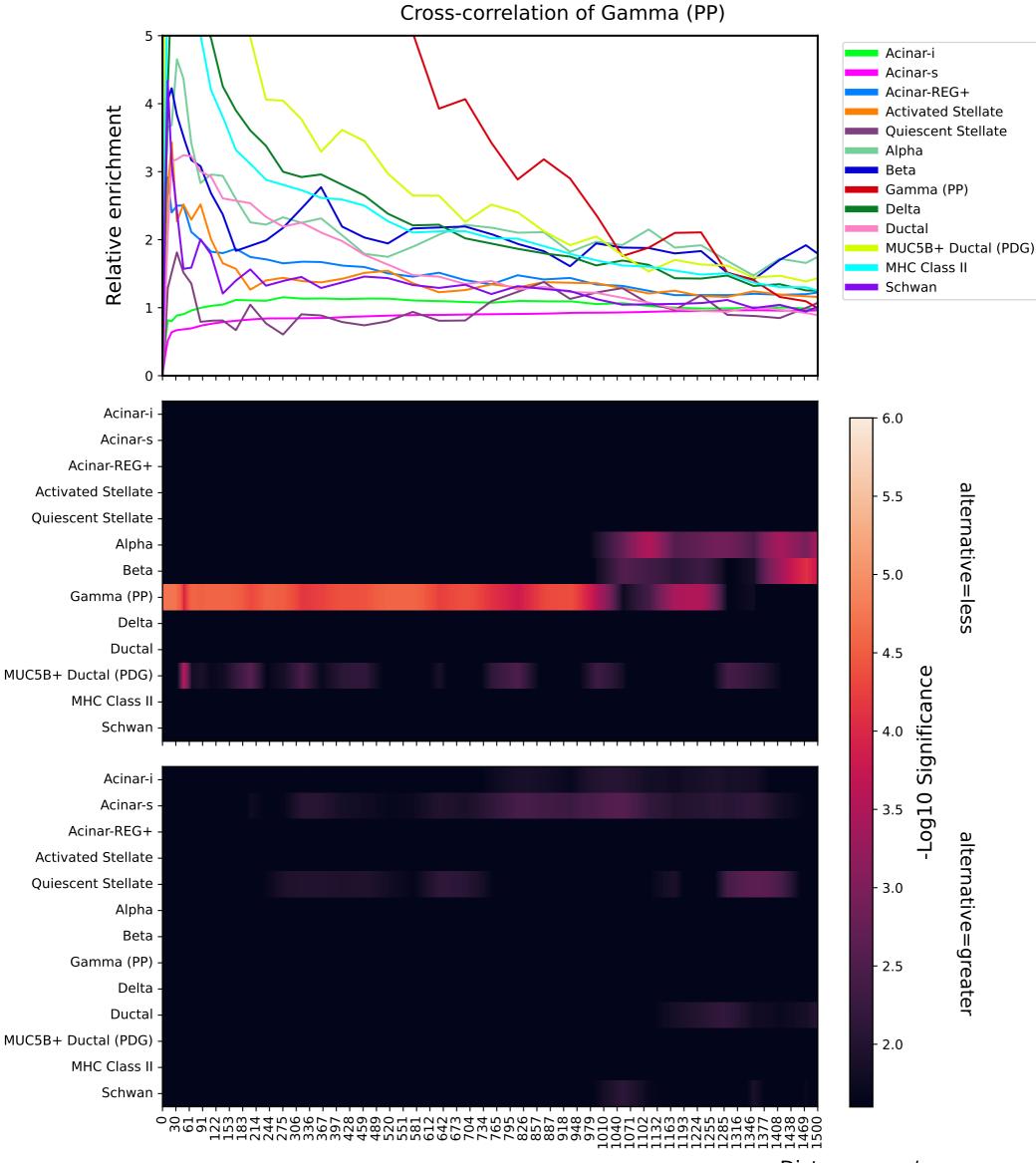
Cross-correlation of Acinar-REG+ 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 MUC5B+ Ductal (PDG) MHC Class II Schwan 1 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less **Activated Stellate** 5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II Schwan - 4.0 Acinar-i Acinar-s -- 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate - 3.0 Alpha -Beta -Gamma (PP) - 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan

Cross-correlation of Activated Stellate 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 MUC5B+ Ductal (PDG) MHC Class II Schwan Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less **Activated Stellate** 5.5 **Quiescent Stellate** Alpha -Beta 5.0 Gamma (PP) Delta Ductal -- 4.5 -Log10 Significance MUC5B+ Ductal (PDG) -MHC Class II -Schwan - 4.0 Acinar-i Acinar-s -- 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate - 3.0 Alpha -Beta -Gamma (PP) -- 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan



Cross-correlation of Alpha 5 Acinar-i Acinar-s Acinar-REG+ Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 · MUC5B+ Ductal (PDG) MHC Class II Schwan 1 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate 5.5 **Quiescent Stellate** Alpha Beta 5.0 Gamma (PP) Delta Ductal -- 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II -Schwan - 4.0 Acinar-i Acinar-s -- 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate -- 3.0 Alpha -Beta -Gamma (PP) -- 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan

Cross-correlation of Beta 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 · MUC5B+ Ductal (PDG) MHC Class II Schwan Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha Beta 5.0 Gamma (PP) Delta Ductal -- 4.5 -Log10 Significance MUC5B+ Ductal (PDG) -MHC Class II -Schwan - 4.0 Acinar-i Acinar-s -- 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate -- 3.0 Alpha -Beta -Gamma (PP) -- 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan



Cross-correlation of Delta 5 Acinar-i Acinar-s Acinar-REG+ Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 MUC5B+ Ductal (PDG) MHC Class II Schwan 1 0 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II -Schwan - 4.0 Acinar-i Acinar-s - 3.5 Acinar-REG+ alternative=greater **Activated Stellate** Quiescent Stellate - 3.0 Alpha Beta -Gamma (PP) -- 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan

Cross-correlation of Ductal 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 · MUC5B+ Ductal (PDG) MHC Class II Schwan 0 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal - 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II Schwan - 4.0 Acinar-i Acinar-s - 3.5 Acinar-REG+ alternative=greater **Activated Stellate** Quiescent Stellate - 3.0 Alpha -Beta -Gamma (PP) - 2.5 Delta Ductal -MUC5B+ Ductal (PDG) - 2.0 MHC Class II Schwan

Cross-correlation of MUC5B+ Ductal (PDG) 5 Acinar-i Acinar-s Acinar-REG+ Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 MUC5B+ Ductal (PDG) MHC Class II Schwan 1 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II Schwan - 4.0 Acinar-i Acinar-s - 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate - 3.0 Alpha -Beta -Gamma (PP) -- 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan

Cross-correlation of MHC Class II 5 Acinar-i Acinar-s Acinar-REG+ Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 MUC5B+ Ductal (PDG) MHC Class II Schwan 1 Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal -- 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II Schwan - 4.0 Acinar-i Acinar-s - 3.5 Acinar-REG+ alternative=greater **Activated Stellate** Quiescent Stellate -- 3.0 Alpha Beta -Gamma (PP) -- 2.5 Delta Ductal -MUC5B+ Ductal (PDG) 2.0 MHC Class II Schwan 0 0 0 0 11221 11222 1222

Cross-correlation of Schwan 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha 3 Beta Gamma (PP) Delta Ductal 2 · MUC5B+ Ductal (PDG) MHC Class II Schwan Acinar-i 6.0 Acinar-s Acinar-REG+ alternative=less Activated Stellate -5.5 Quiescent Stellate -Alpha -Beta 5.0 Gamma (PP) Delta Ductal - 4.5 -Log10 Significance MUC5B+ Ductal (PDG) MHC Class II Schwan - 4.0 Acinar-i Acinar-s - 3.5 Acinar-REG+ alternative=greater Activated Stellate Quiescent Stellate - 3.0 Alpha Beta Gamma (PP) - 2.5 Delta Ductal -MUC5B+ Ductal (PDG) - 2.0 MHC Class II Schwan