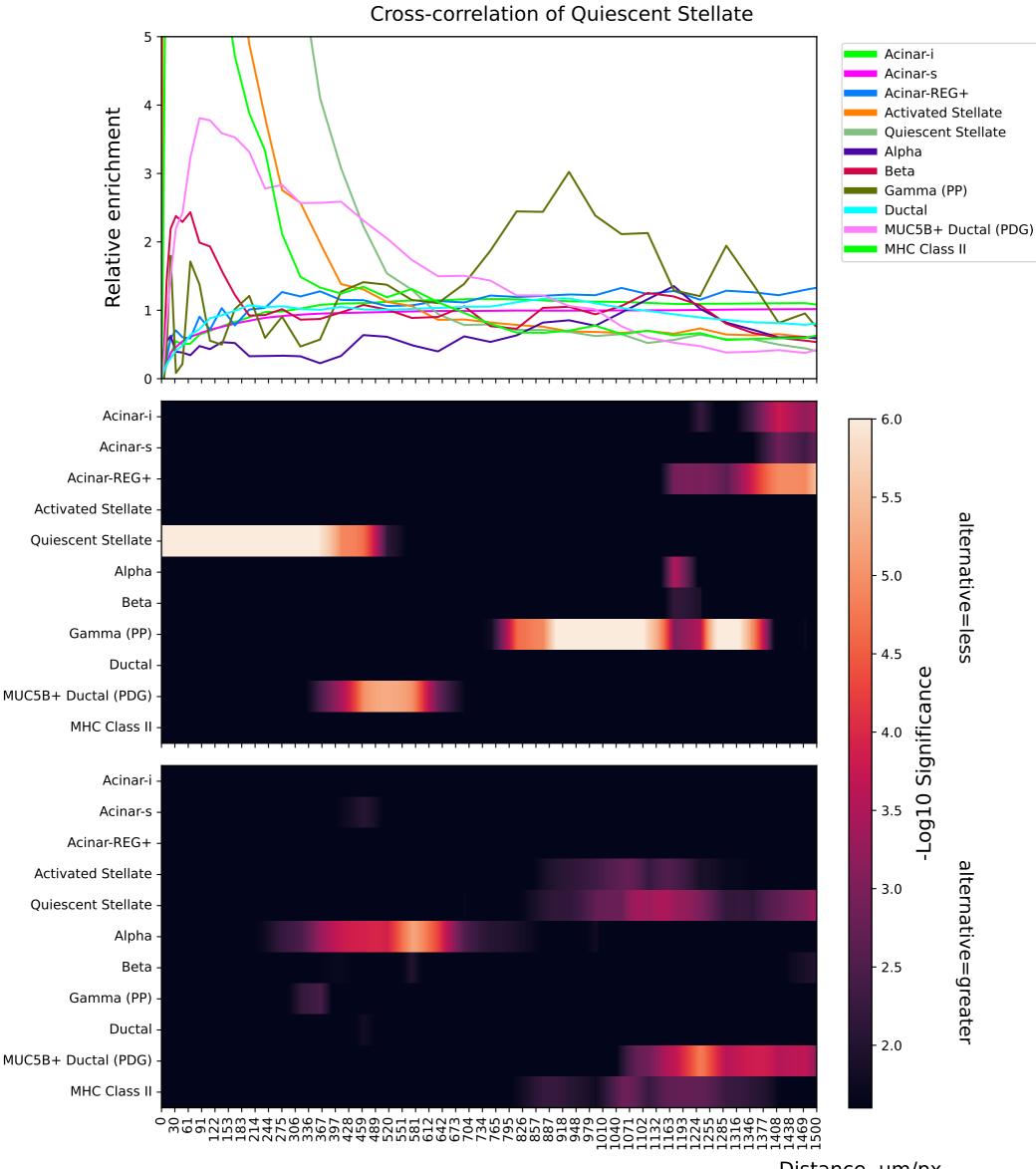
Cross-correlation of Acinar-i 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha Beta 3 Gamma (PP) **Ductal** MUC5B+ Ductal (PDG) 2 MHC Class II 1 Acinar-i -6.0 Acinar-s Acinar-REG+ 5.5 Activated Stellate alternative=less Quiescent Stellate Alpha -5.0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

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

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

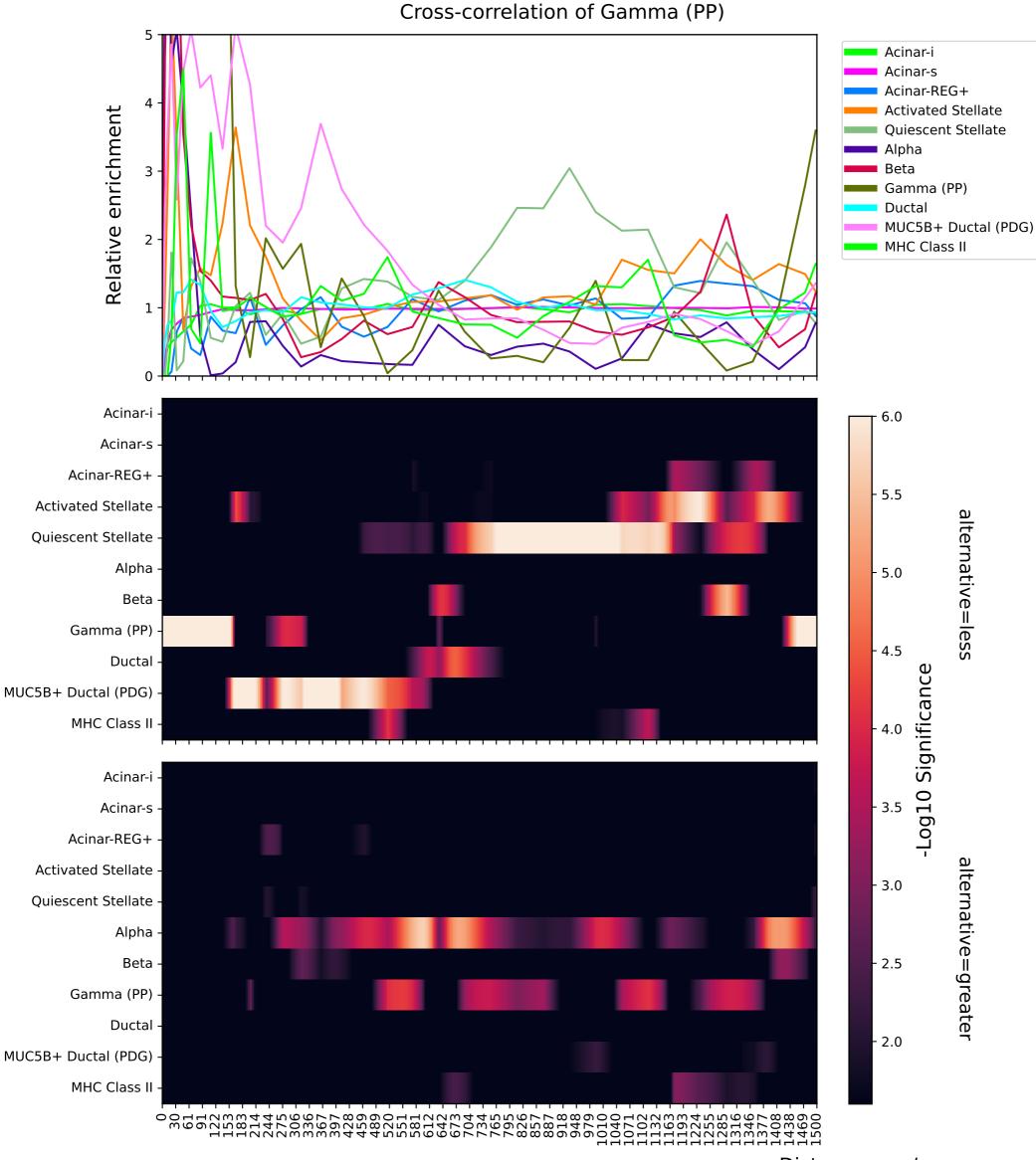
Cross-correlation of Activated Stellate 5 Acinar-i Acinar-s Acinar-REG+ Relative enrichment **Activated Stellate Quiescent Stellate** Alpha Beta 3 Gamma (PP) **Ductal** MUC5B+ Ductal (PDG) 2 MHC Class II Acinar-i 6.0 Acinar-s -Acinar-REG+ 5.5 **Activated Stellate** alternative=less Quiescent Stellate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



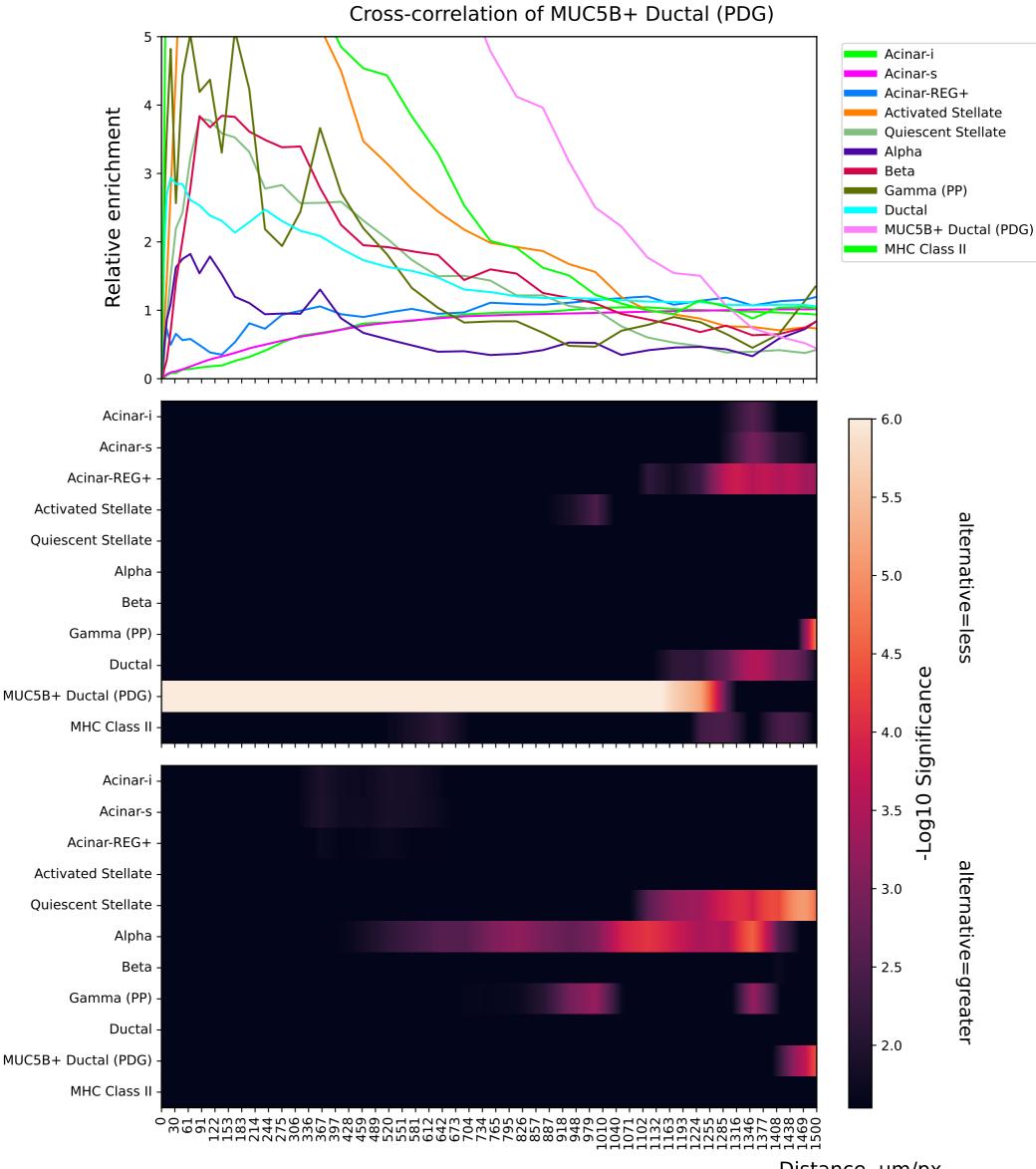
Distance, um/px

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

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



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



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