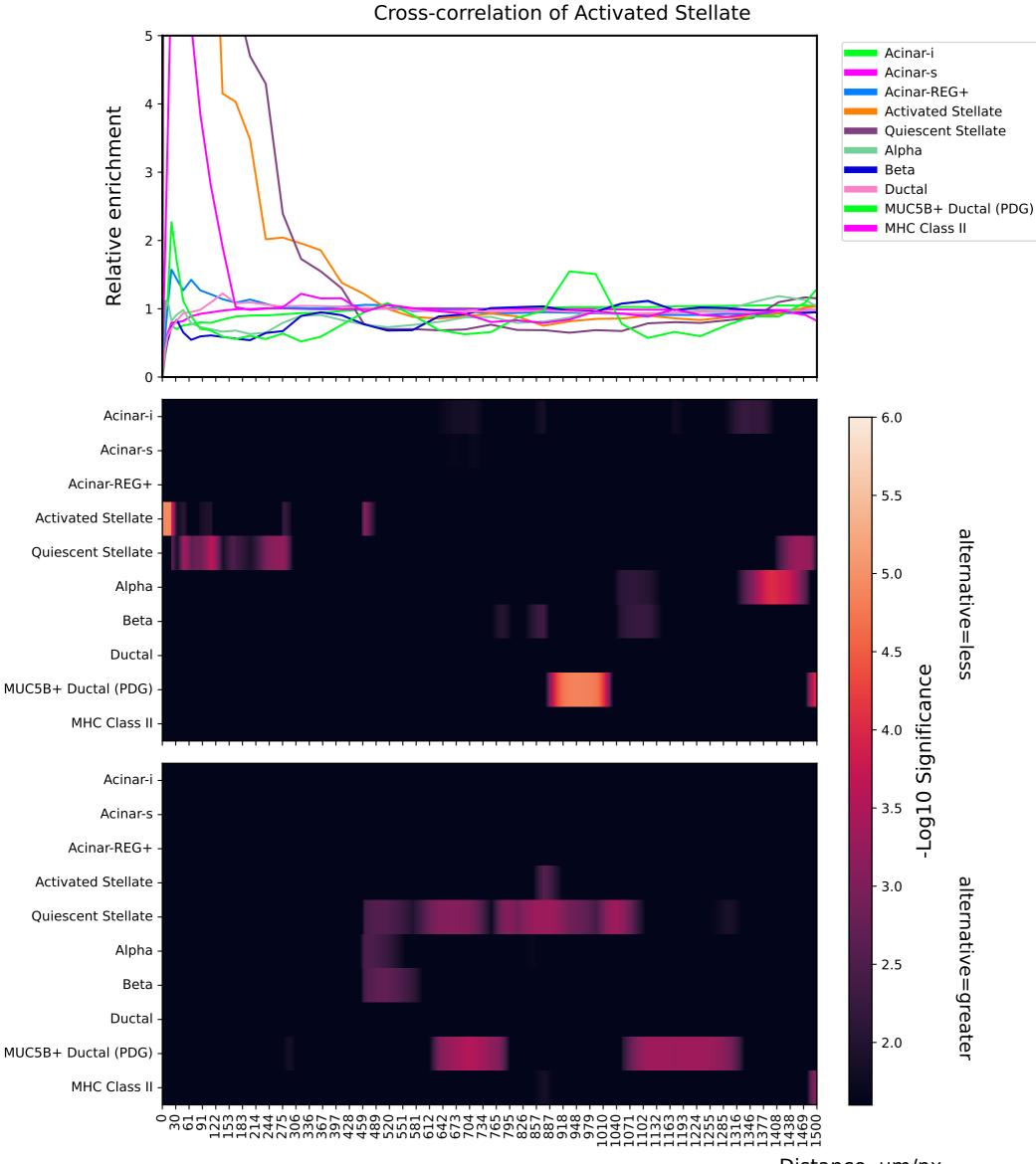
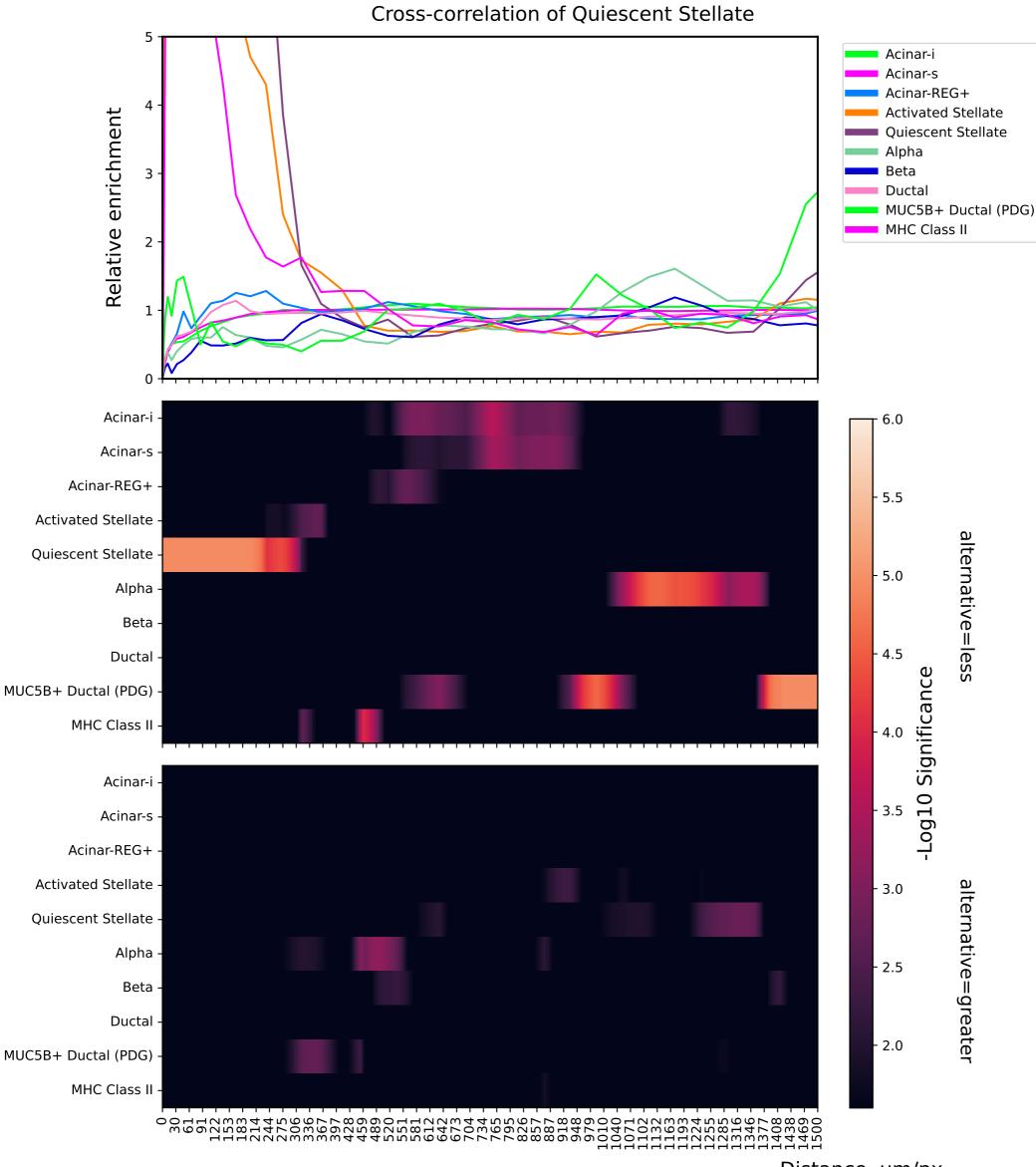


### Cross-correlation of Acinar-REG+ 5 Acinar-i Acinar-s Acinar-REG+ 4 Relative enrichment **Activated Stellate Quiescent Stellate** Alpha Beta 3 Ductal MUC5B+ Ductal (PDG) MHC Class II 2 · Acinar-i 6.0 Acinar-s Acinar-REG+ 5.5 **Activated Stellate** alternative=less Quiescent Stellate -5.0 Alpha -Beta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

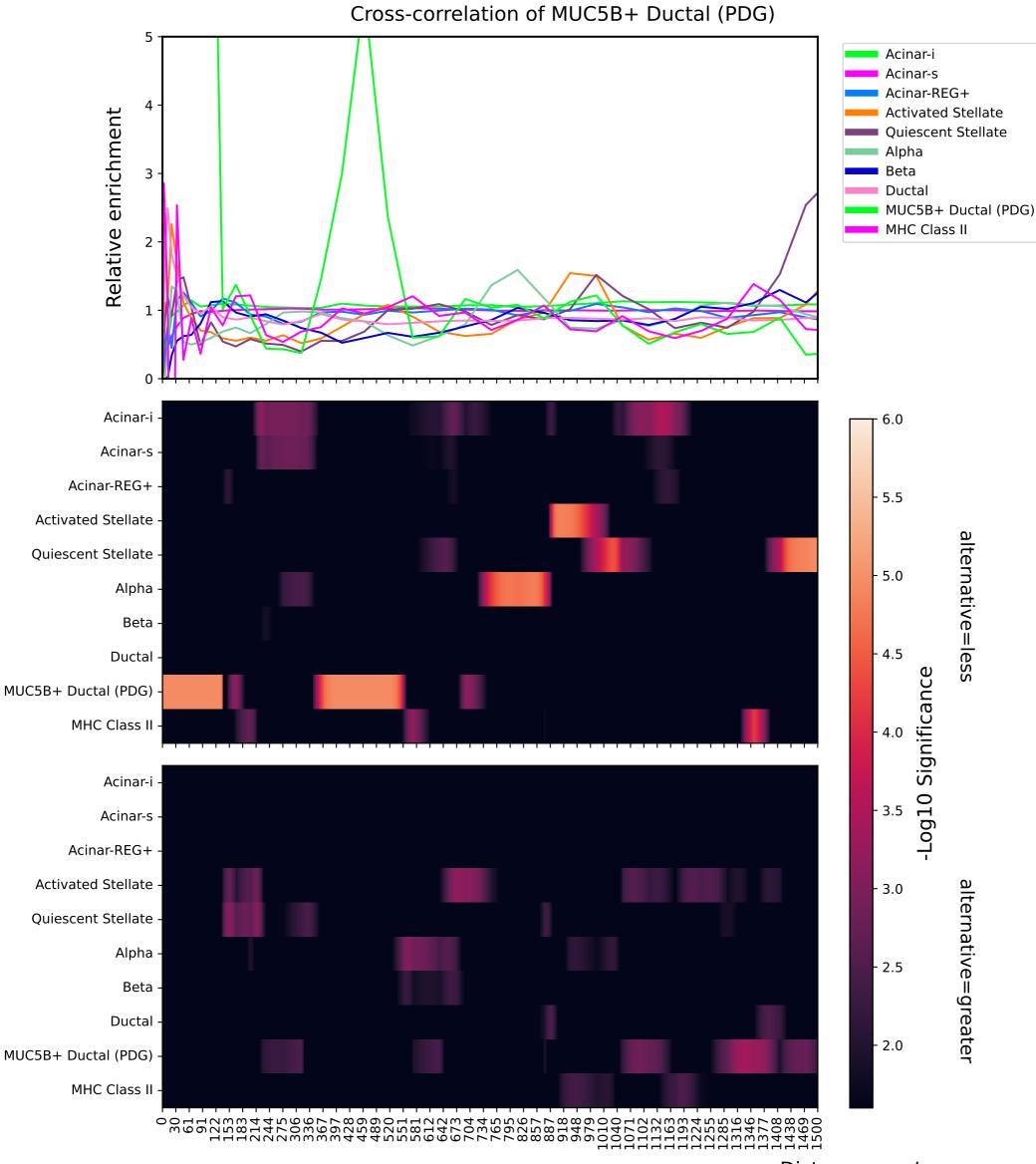




# Cross-correlation of Alpha 5 Acinar-i Acinar-s Acinar-REG+ Relative enrichment **Activated Stellate Quiescent Stellate** Alpha Beta 3 · Ductal MUC5B+ Ductal (PDG) MHC Class II 2 Acinar-i -6.0 Acinar-s -Acinar-REG+ 5.5 Activated Stellate alternative=less Quiescent Stellate 5.0 Alpha -Beta -- 4.5 Ductal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



Distance, um/px

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