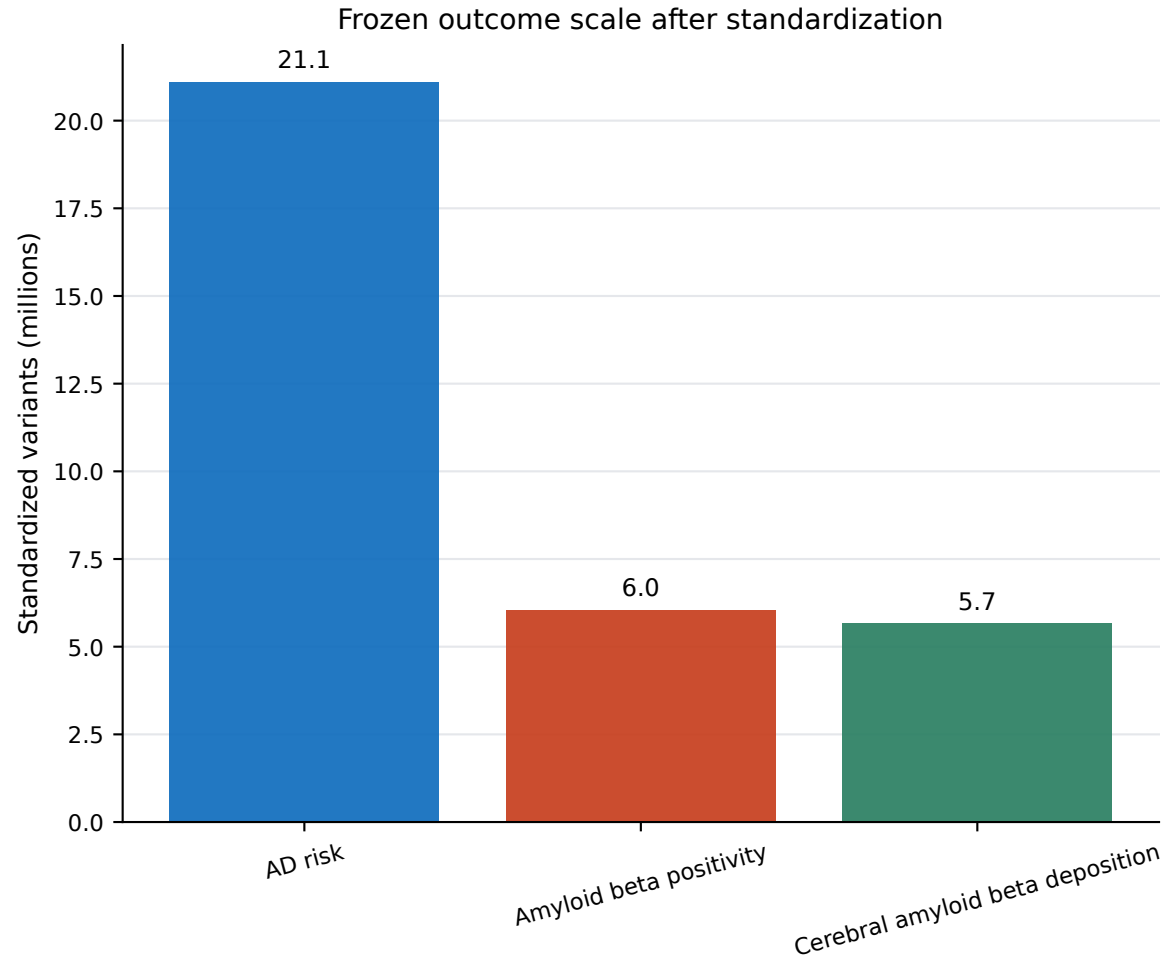
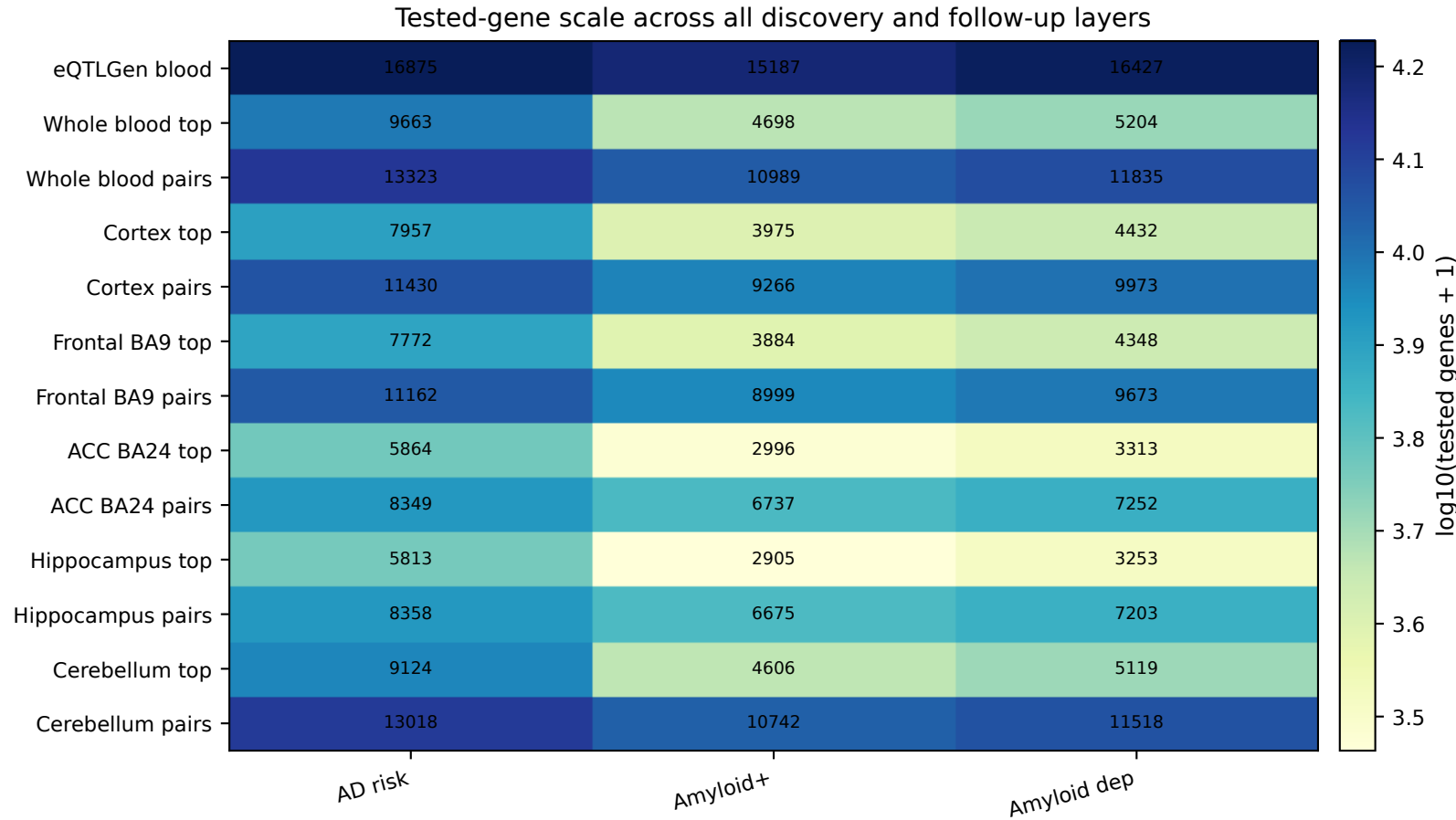


Supplementary Figure S1. Outcome backbone and analysis coverage

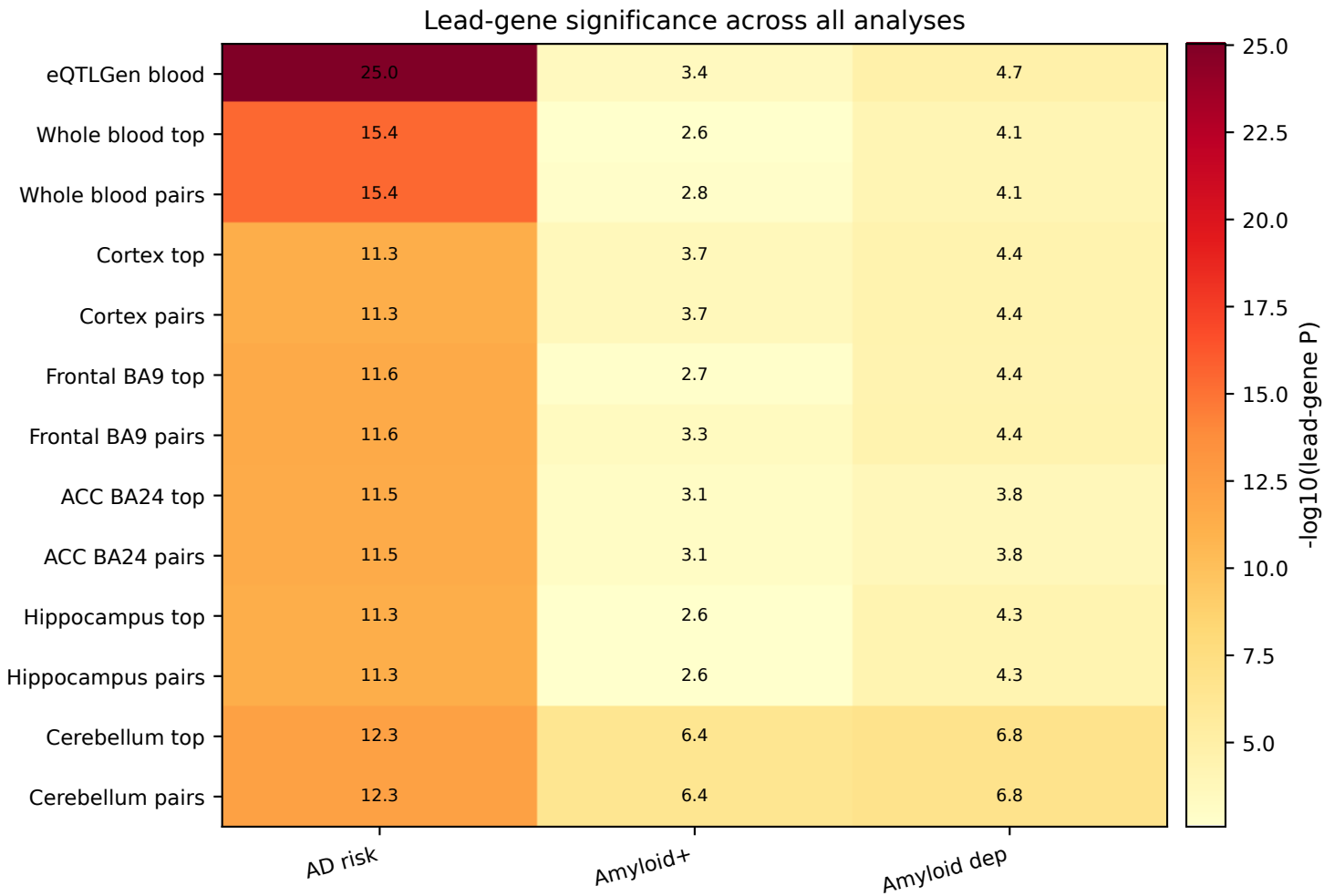
A



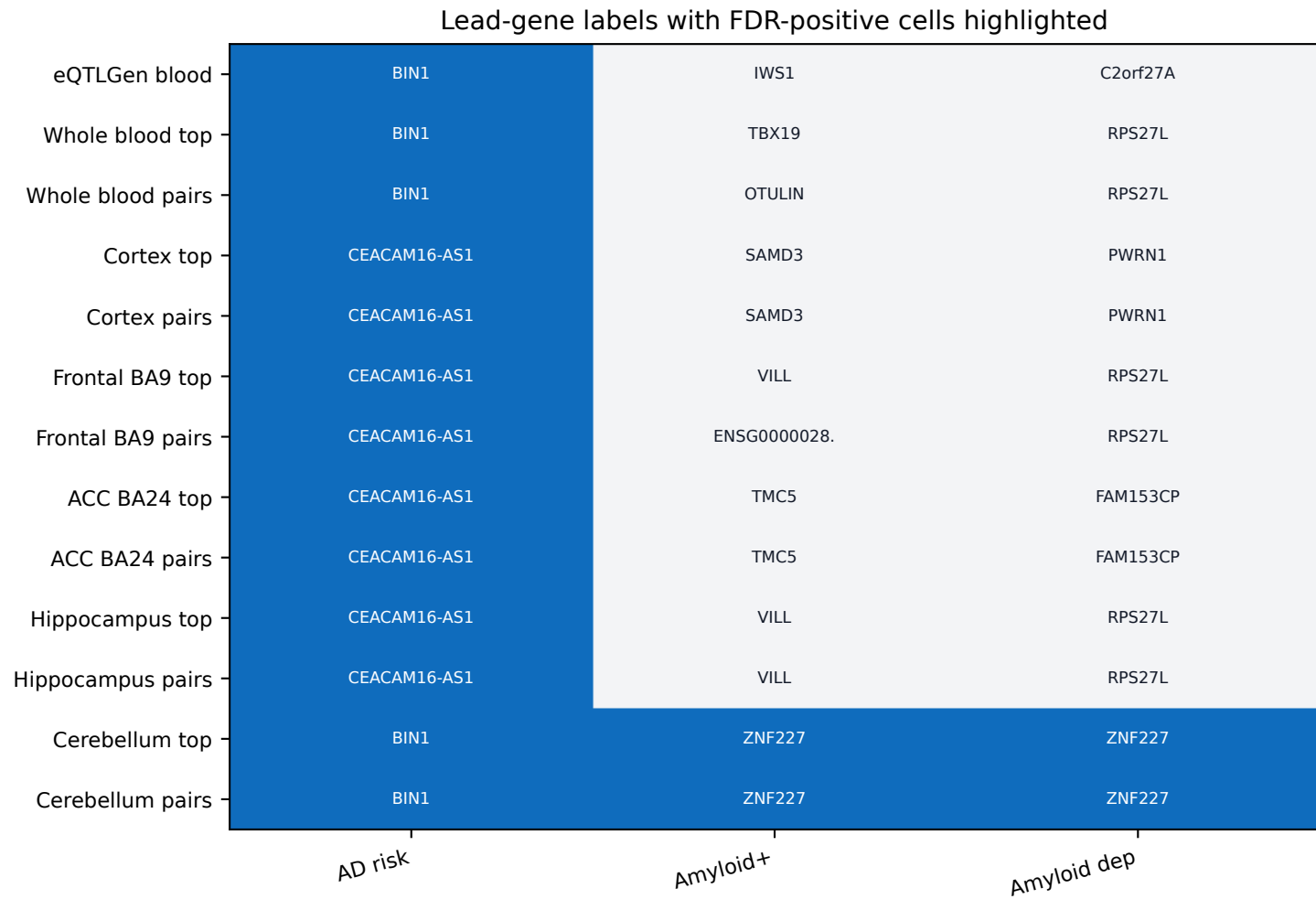
B



C



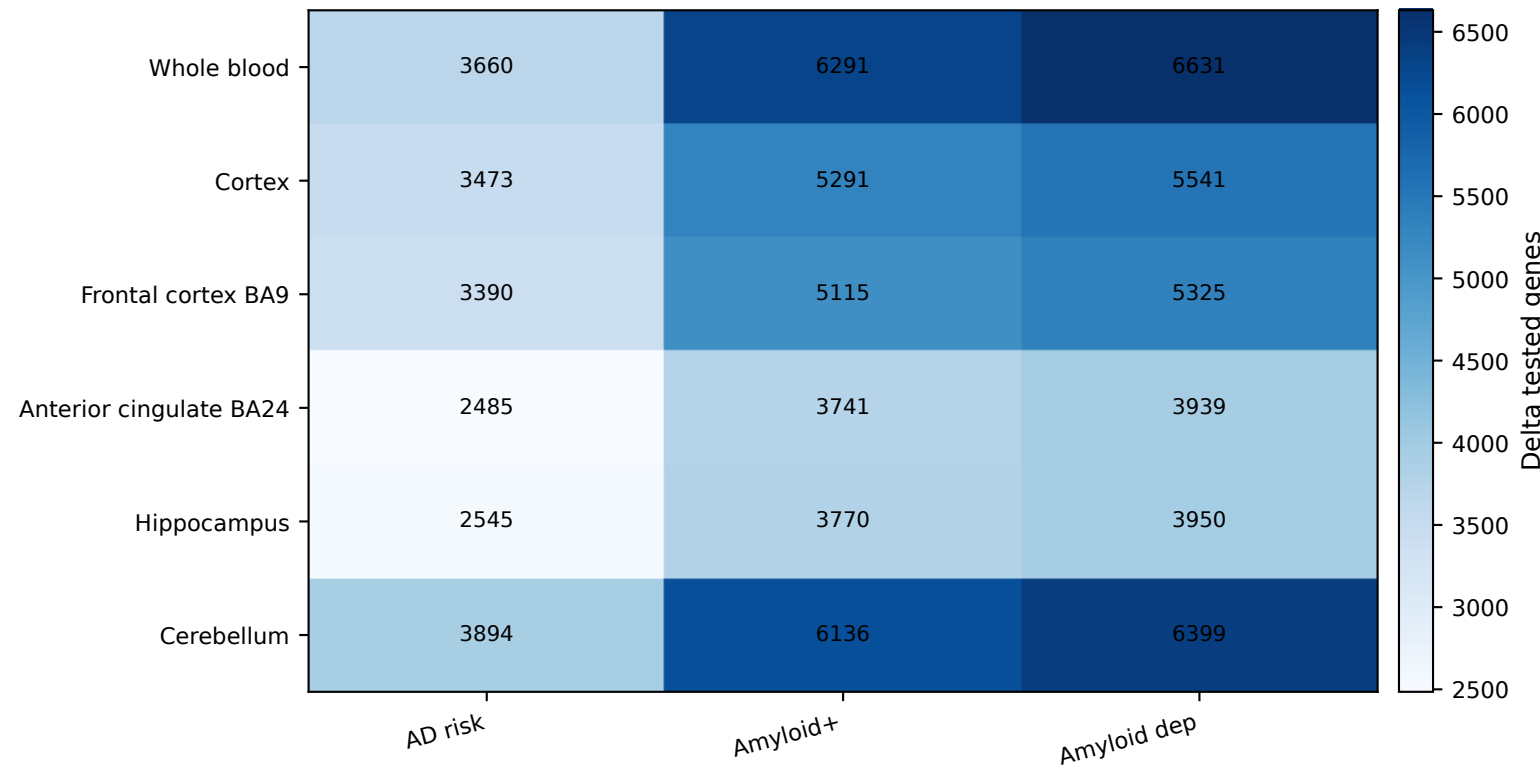
D



Supplementary Figure S2. Significant-pairs sensitivity gains across whole blood and brain tissues

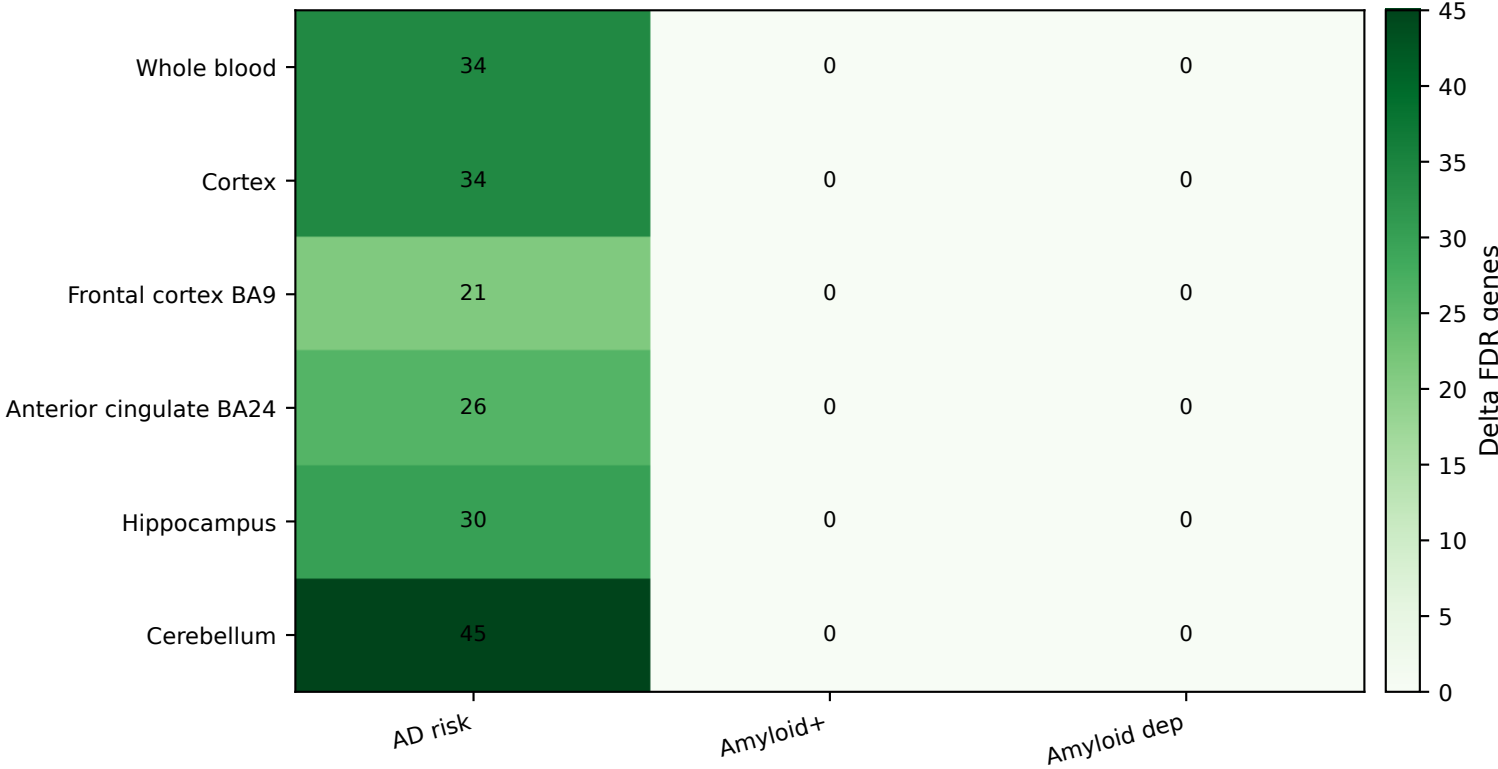
A

Additional tested genes gained in significant-pairs mode



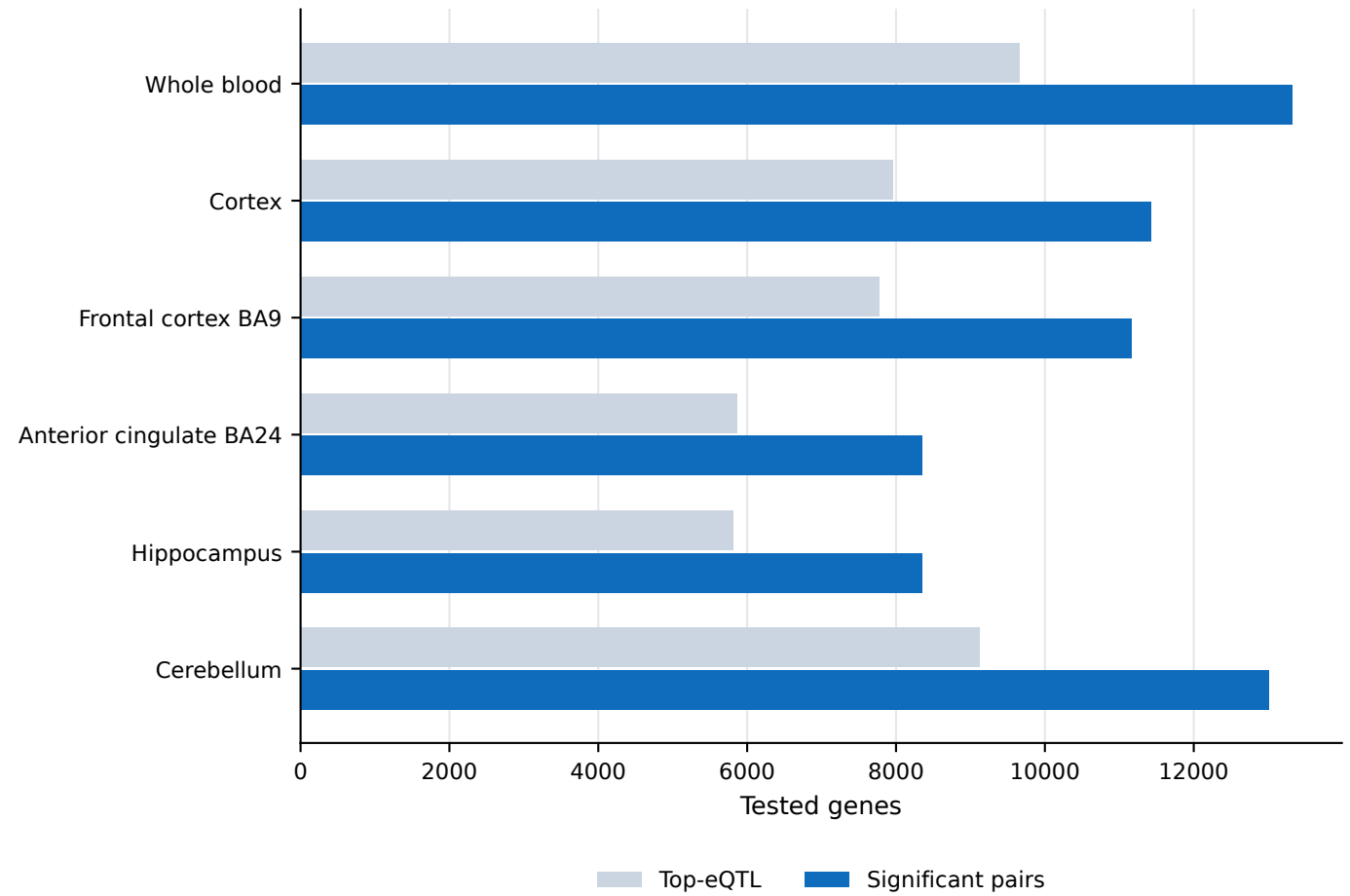
B

Additional FDR-significant genes gained in significant-pairs mode



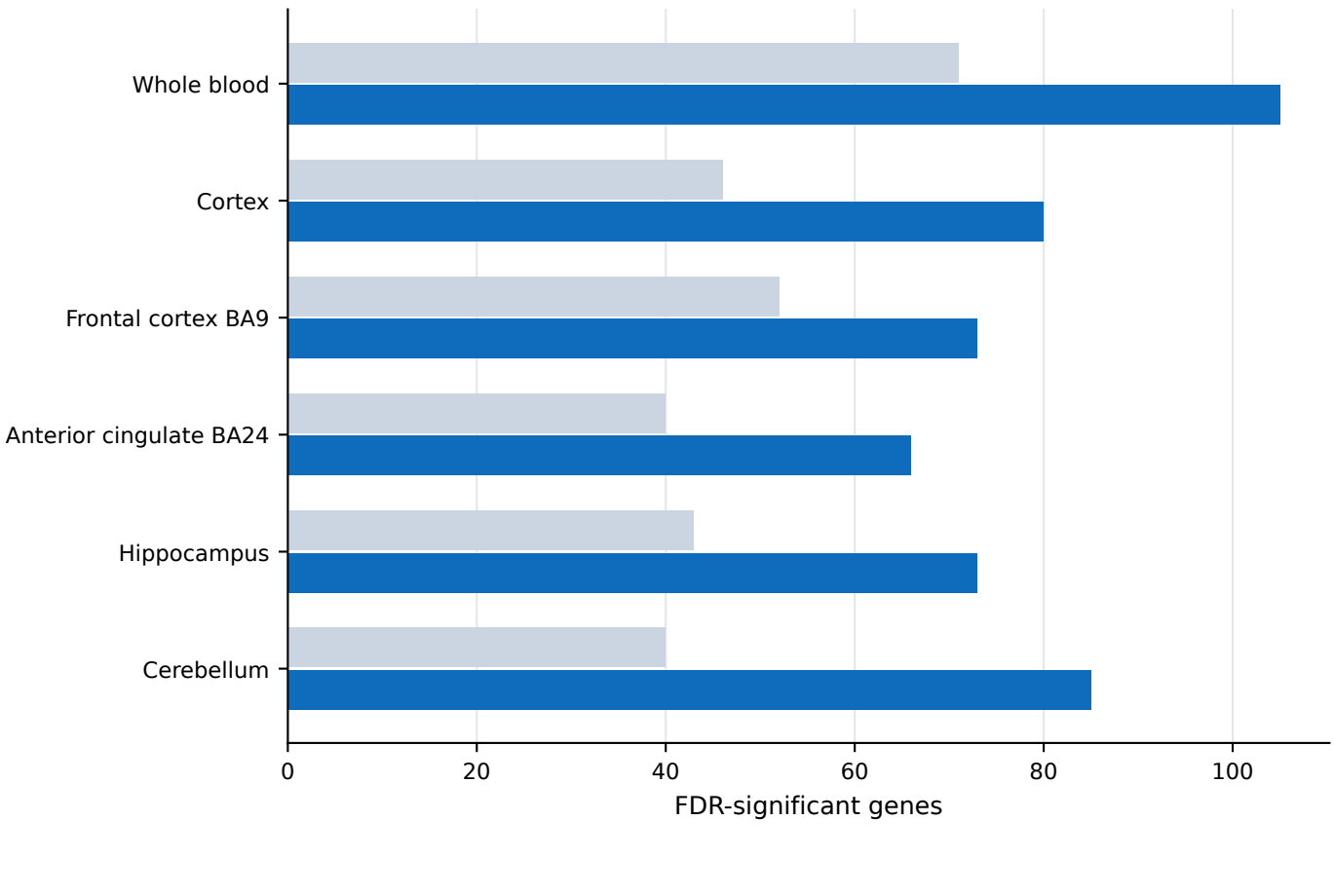
C

AD-risk tested-gene expansion by tissue



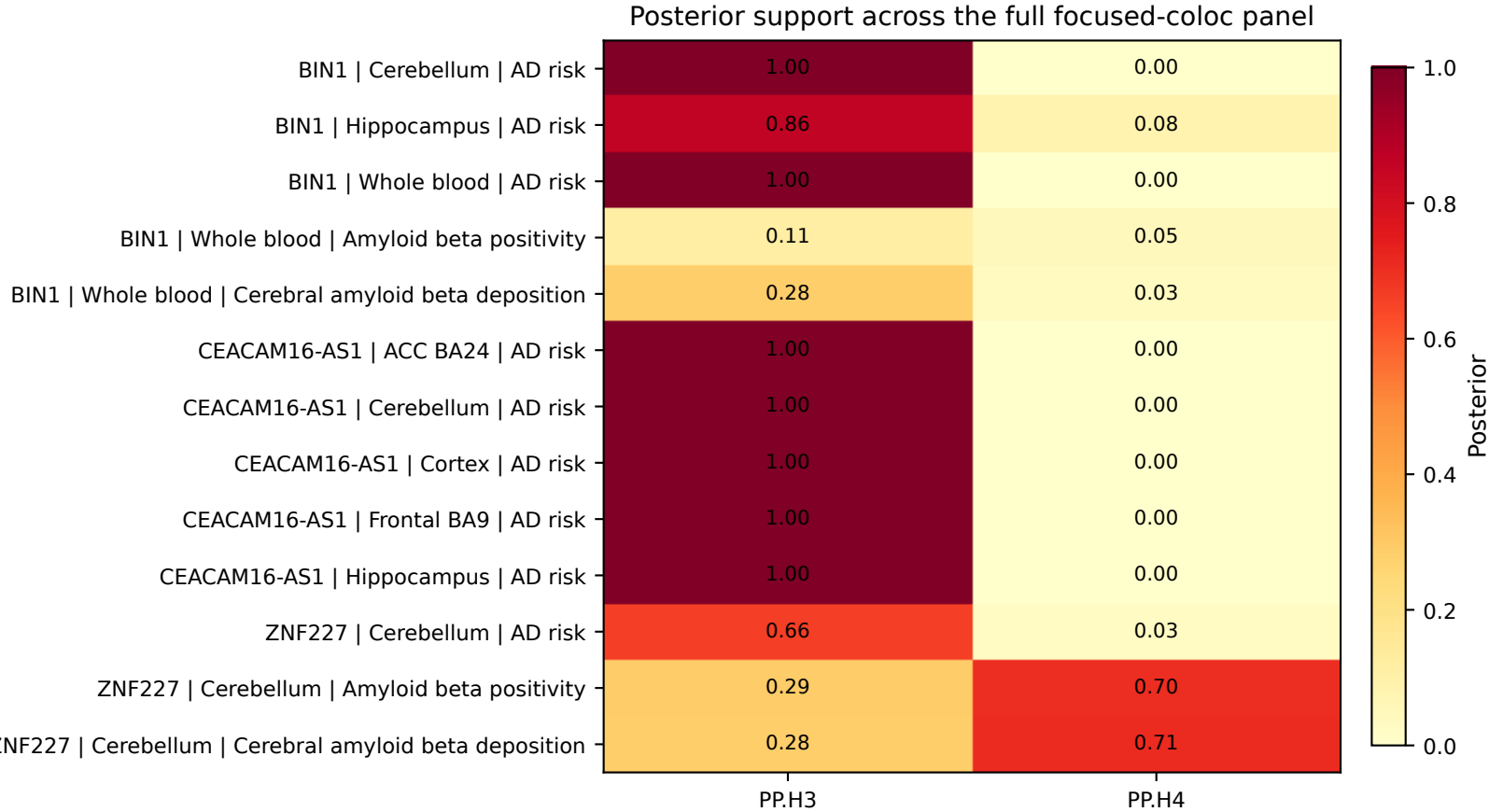
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AD-risk FDR-gene expansion by tissue

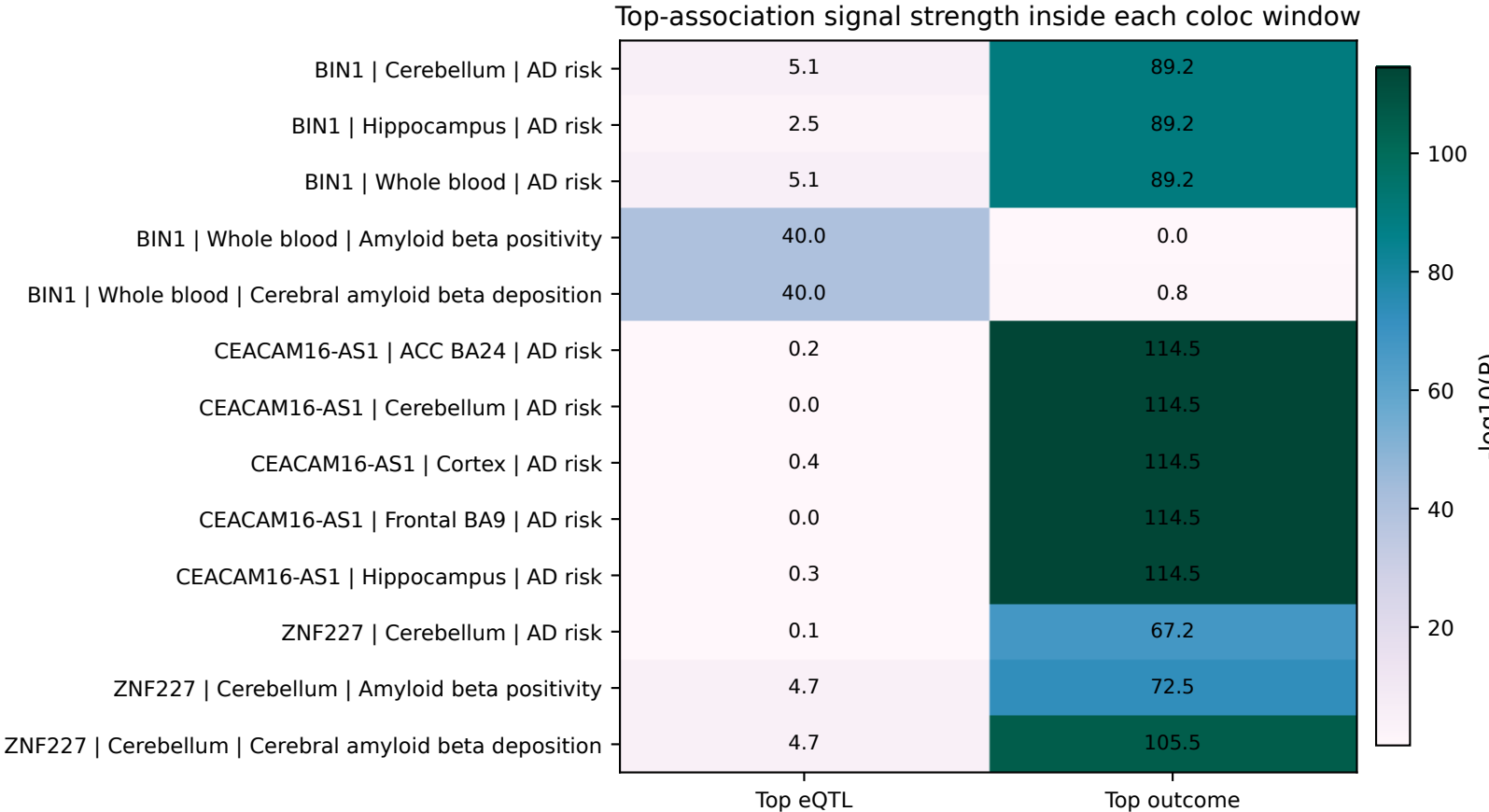


Supplementary Figure S3. Focused colocalization full technical support

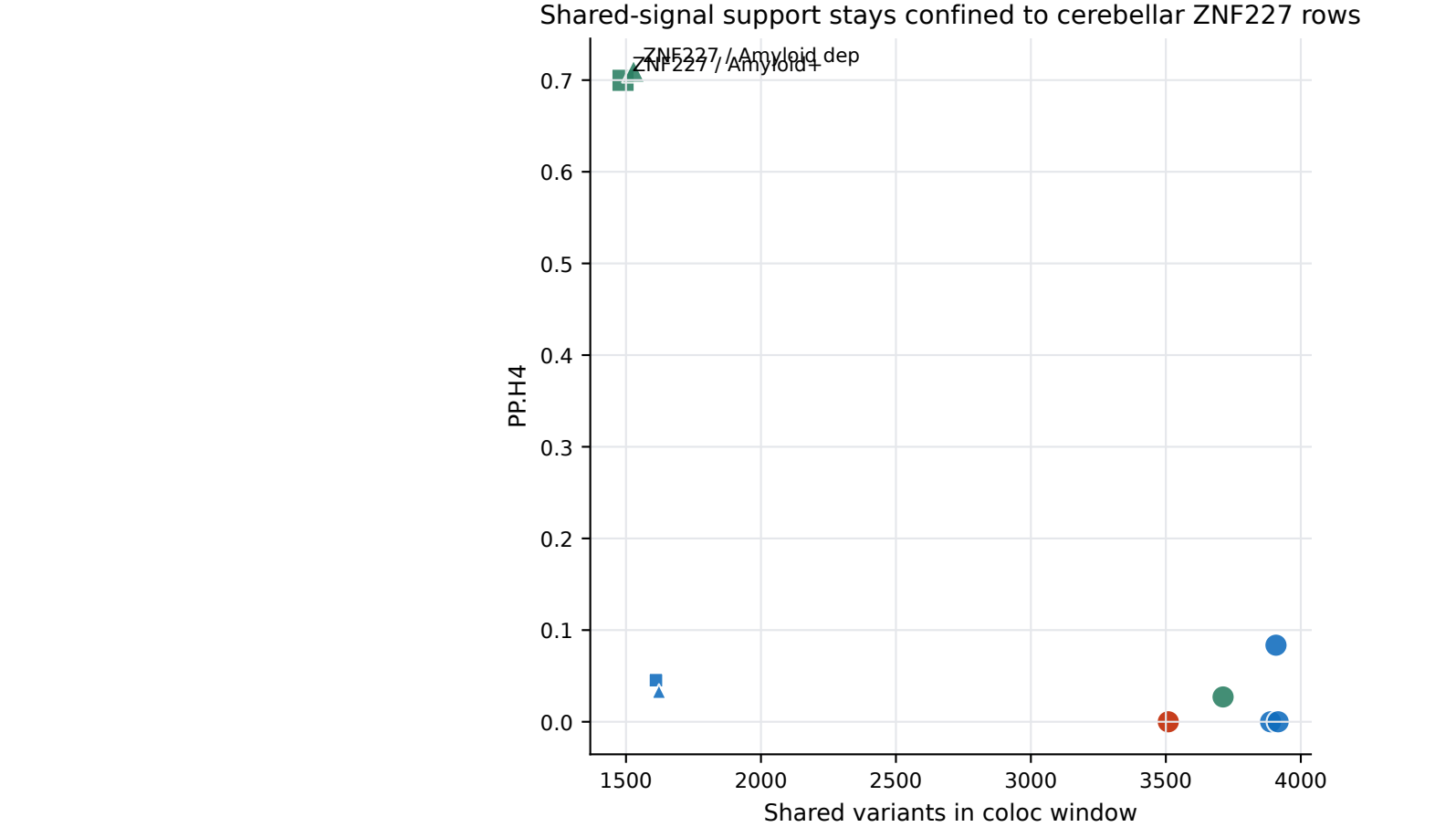
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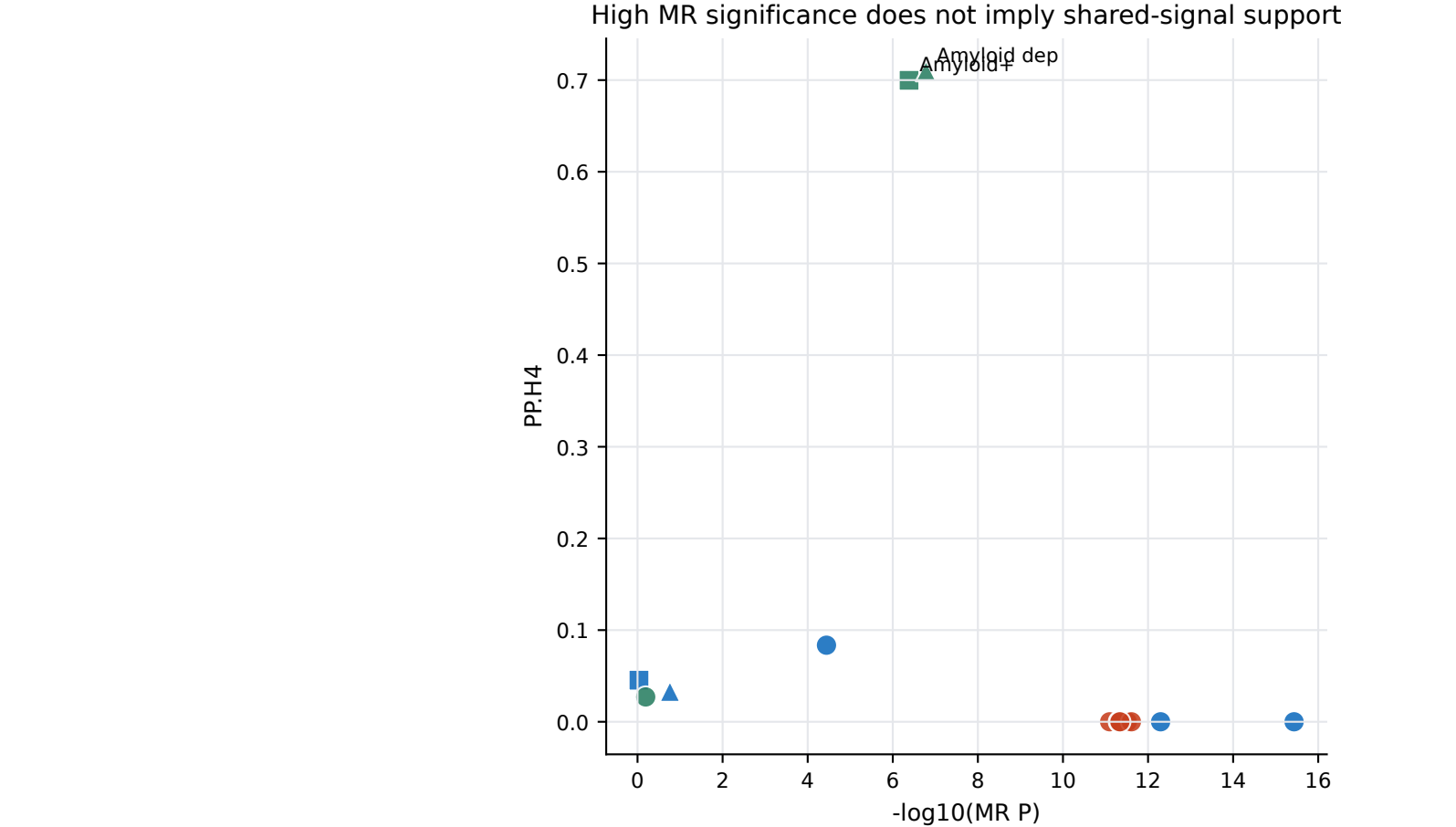
B



C



D



Supplementary Figure S4. MetaBrain support detail for the external brain-eQTL layer

