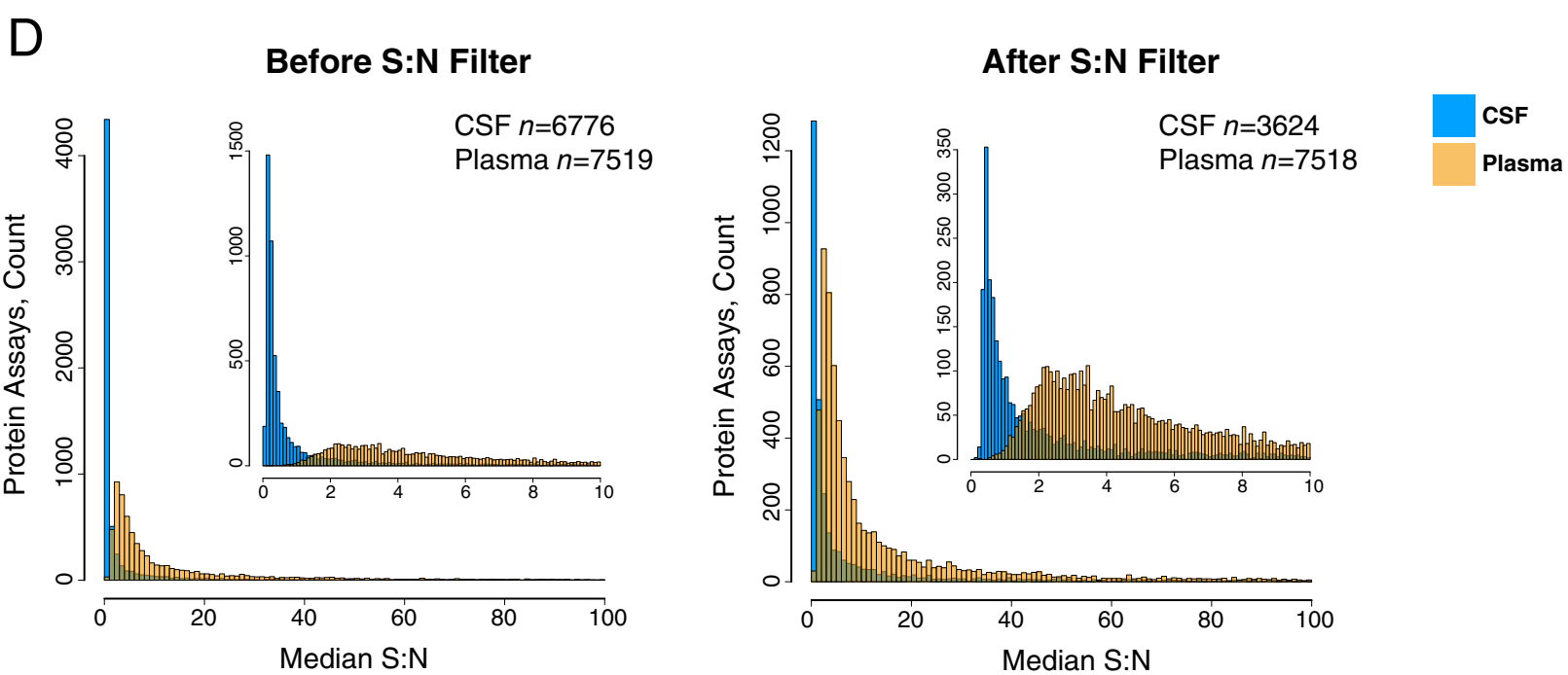
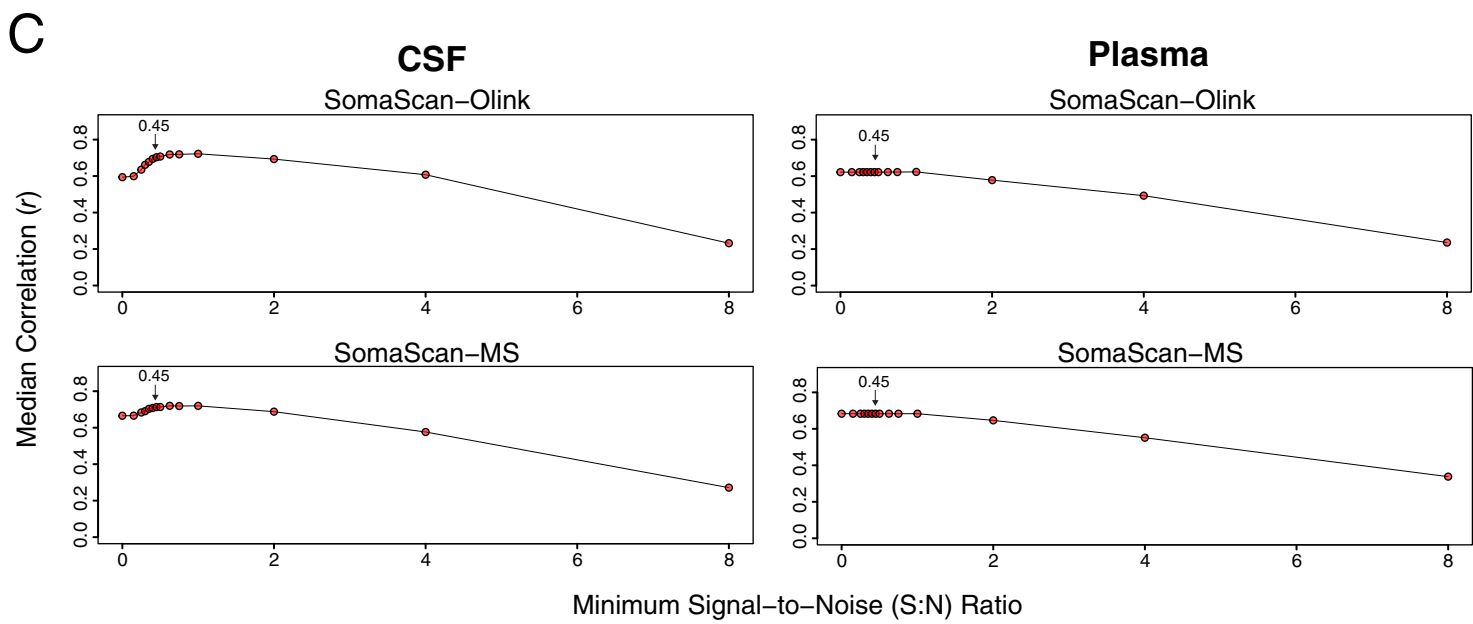
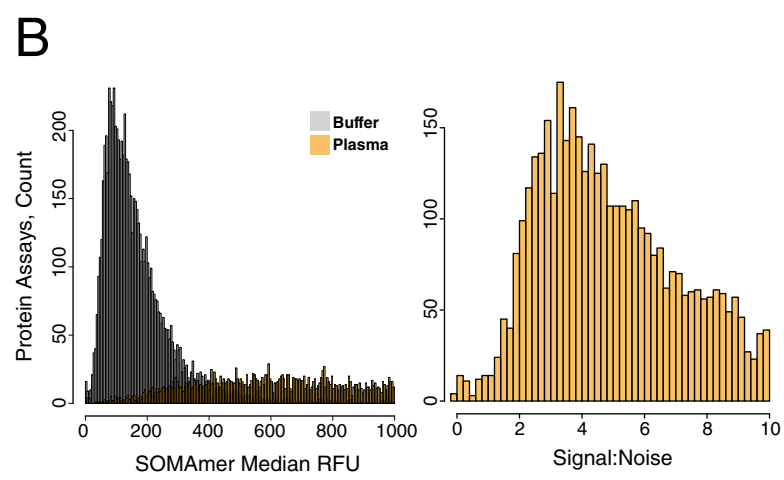
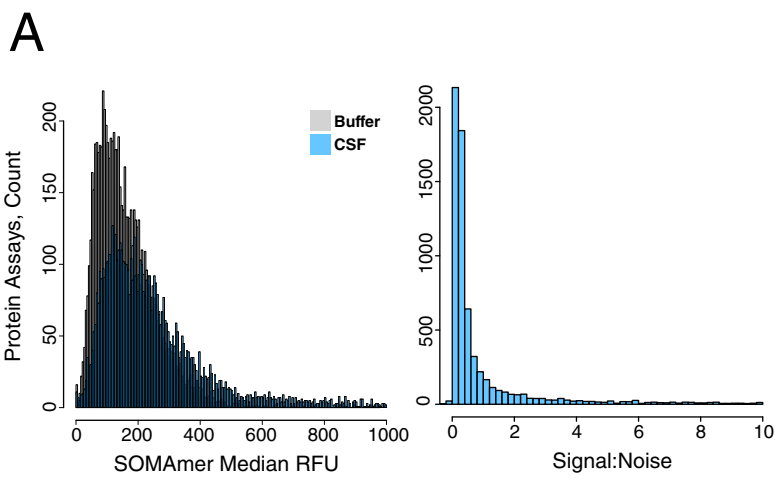
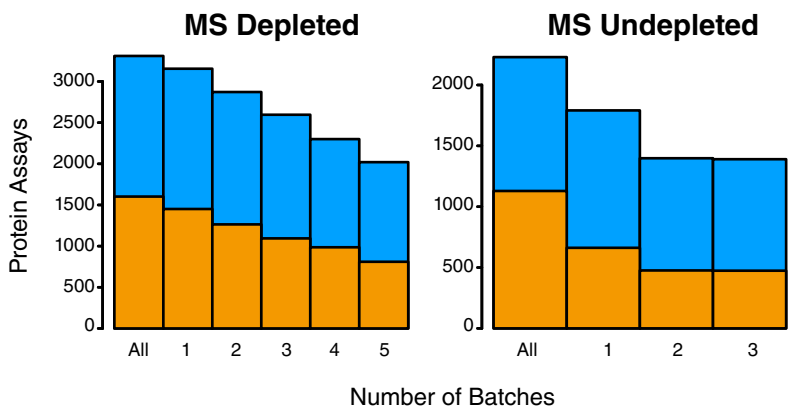
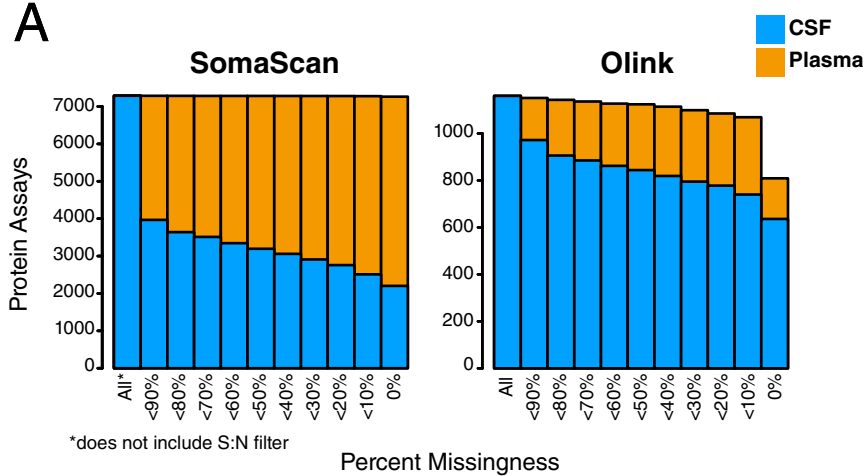
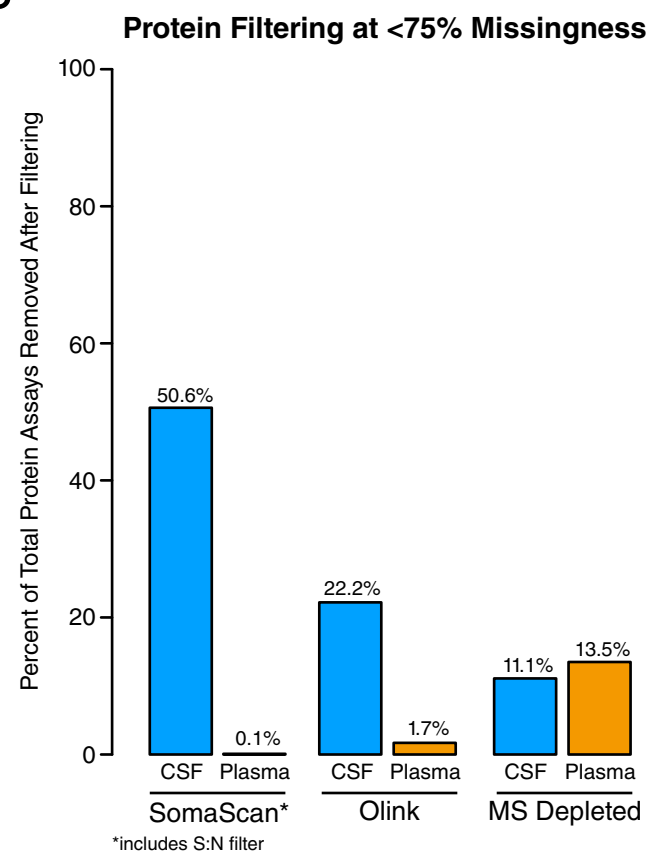




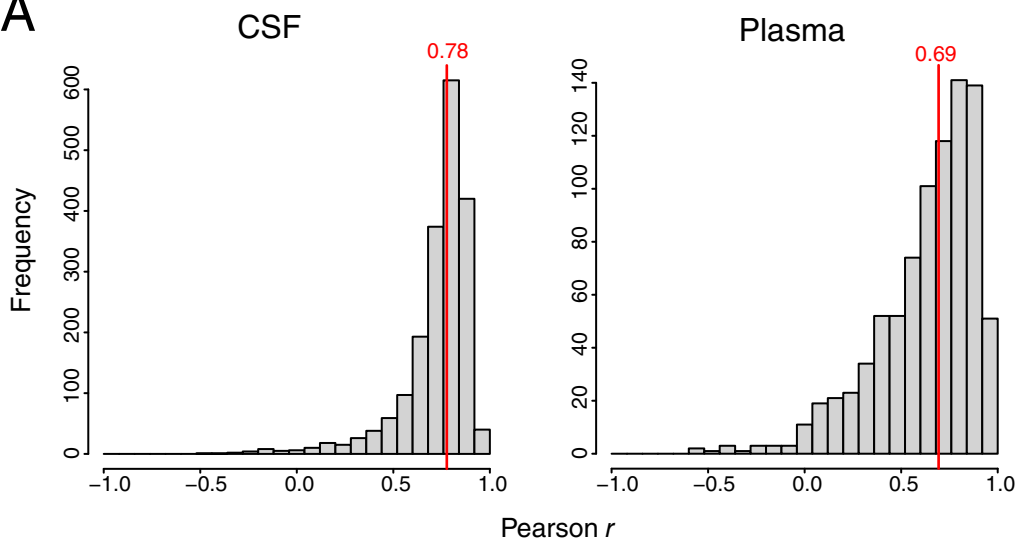
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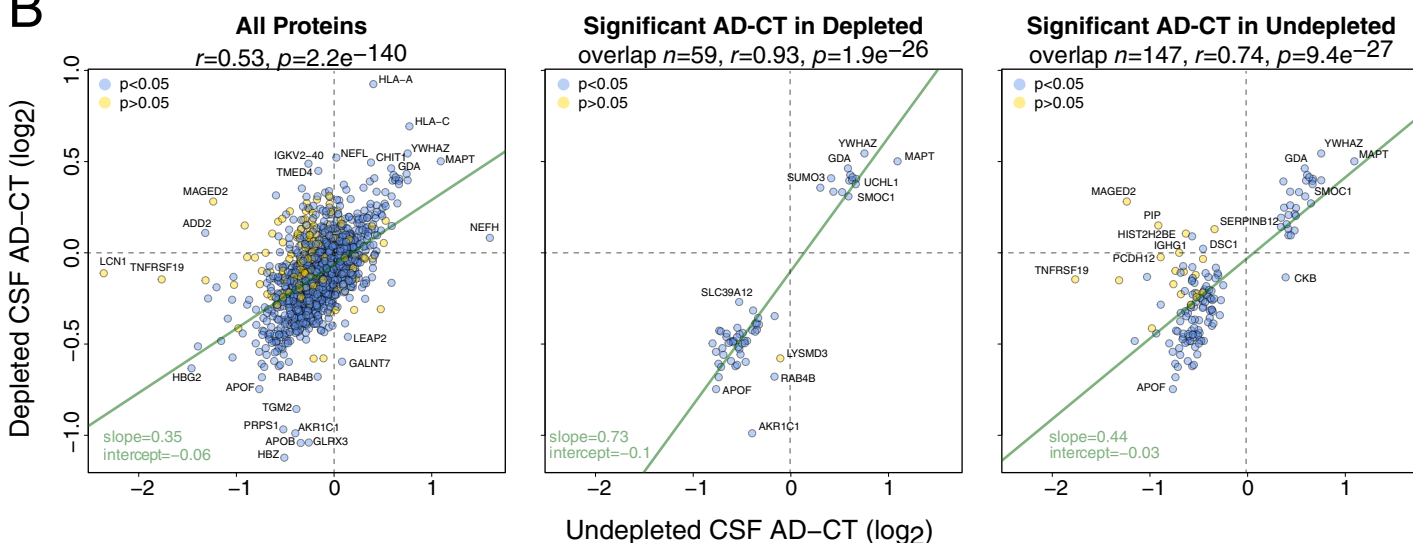
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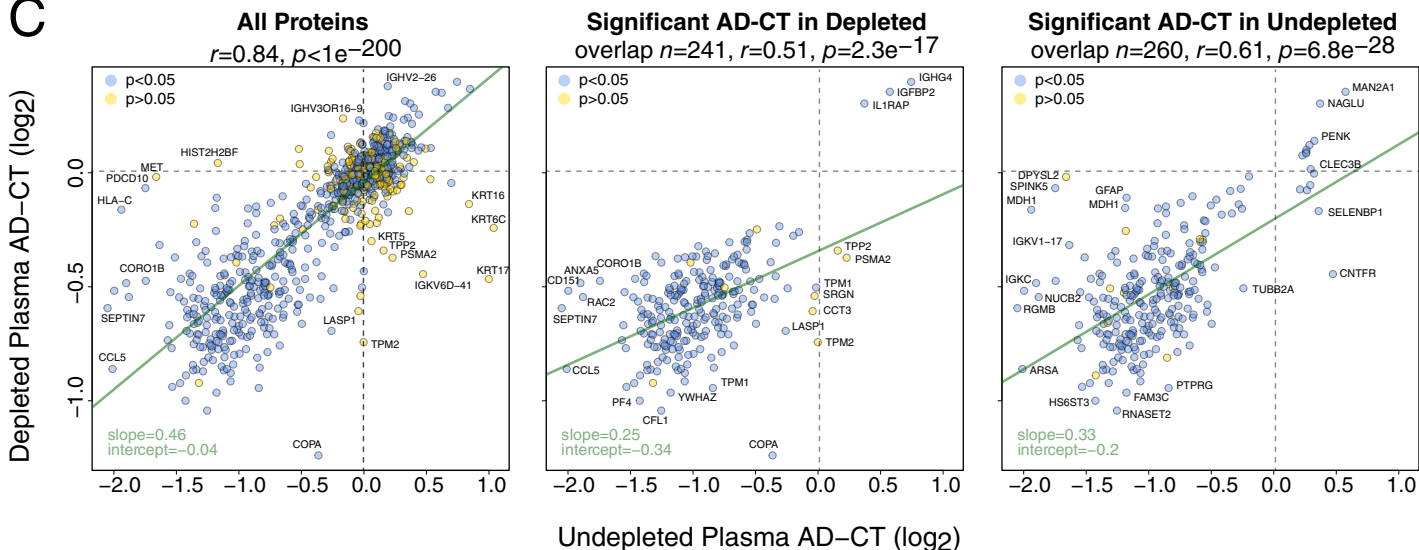
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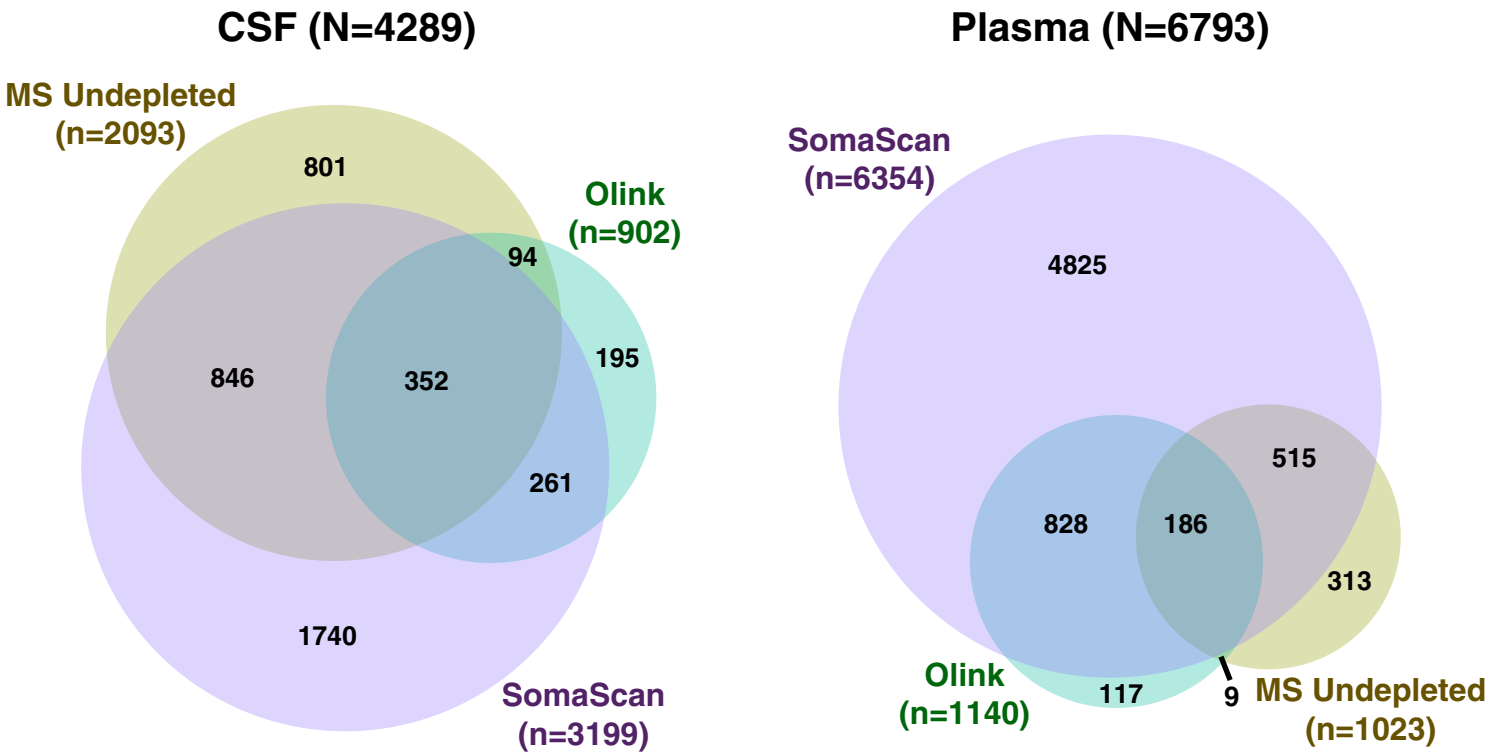
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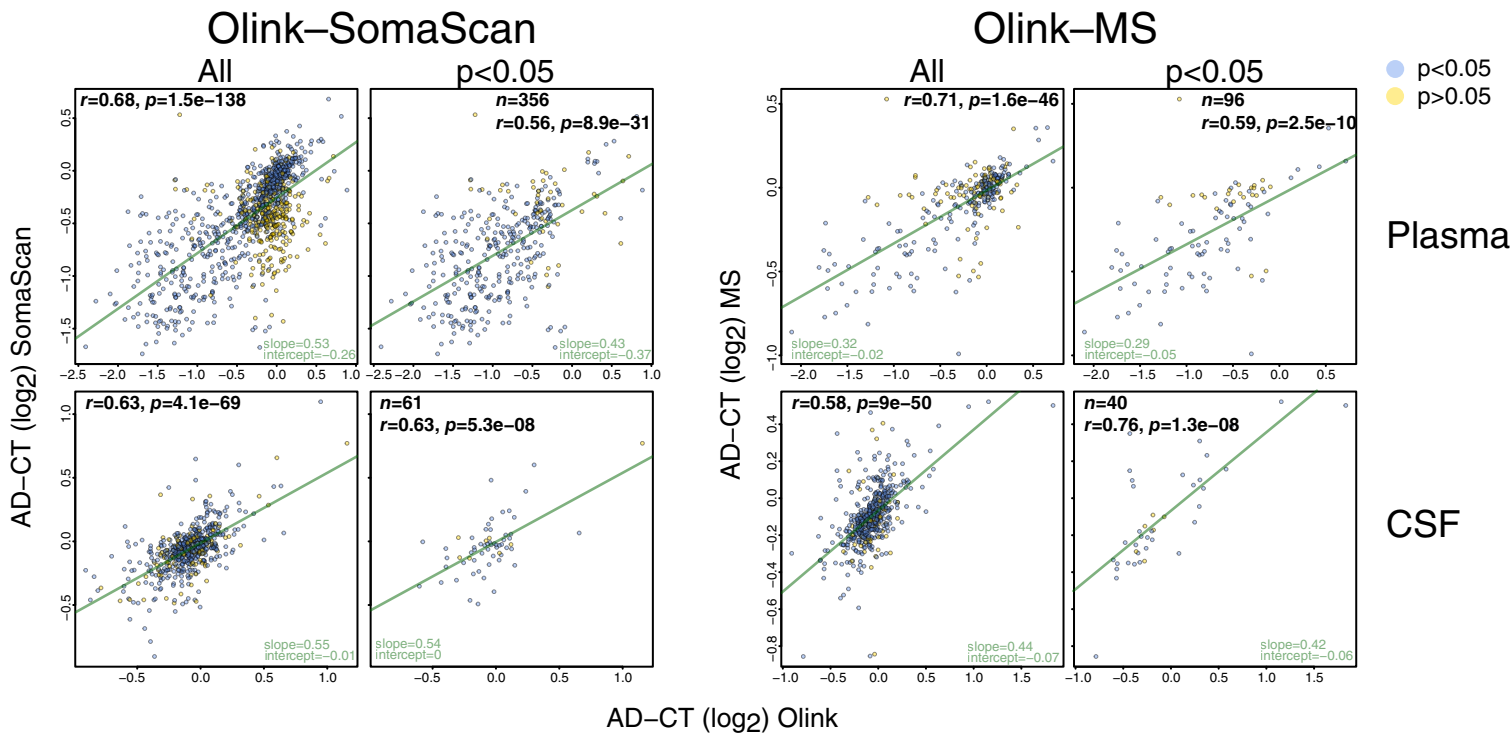
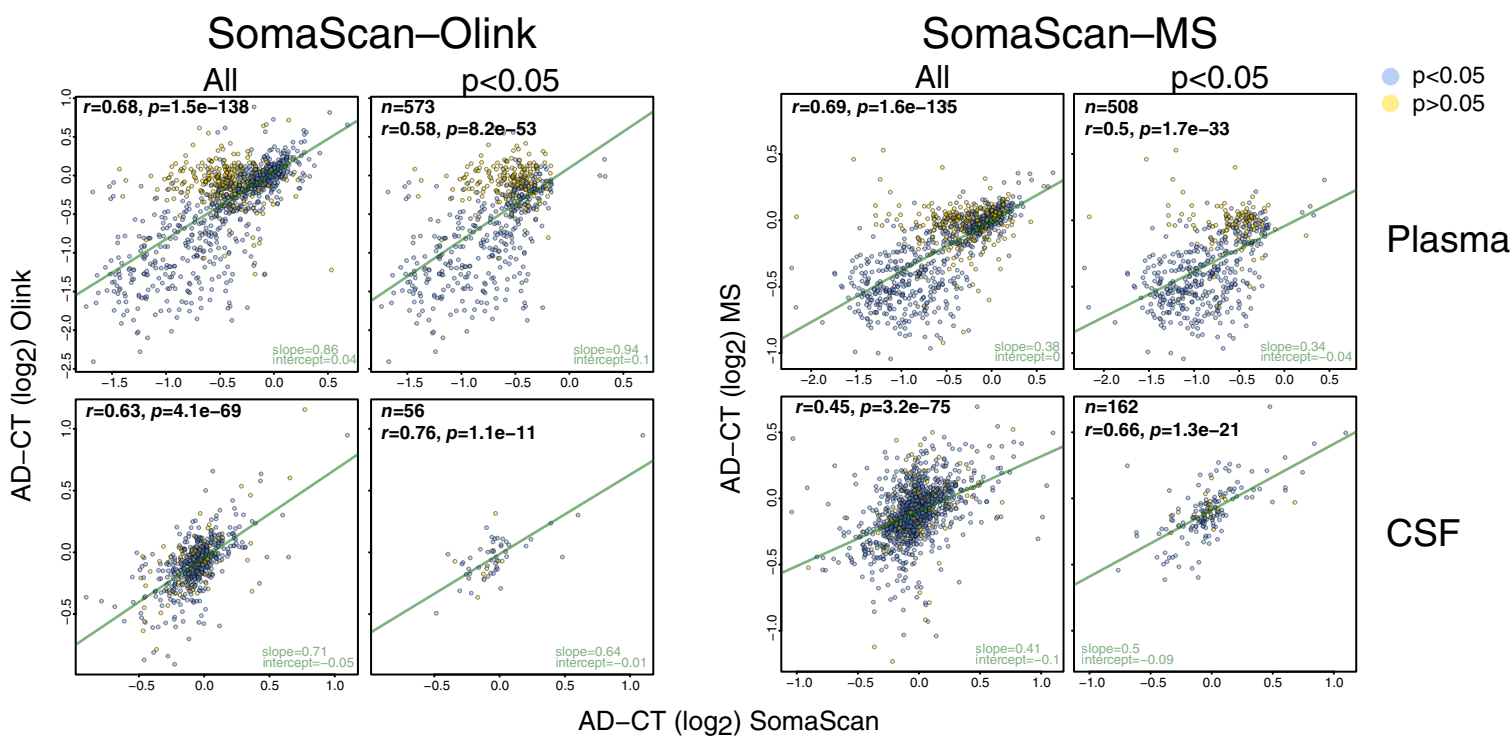
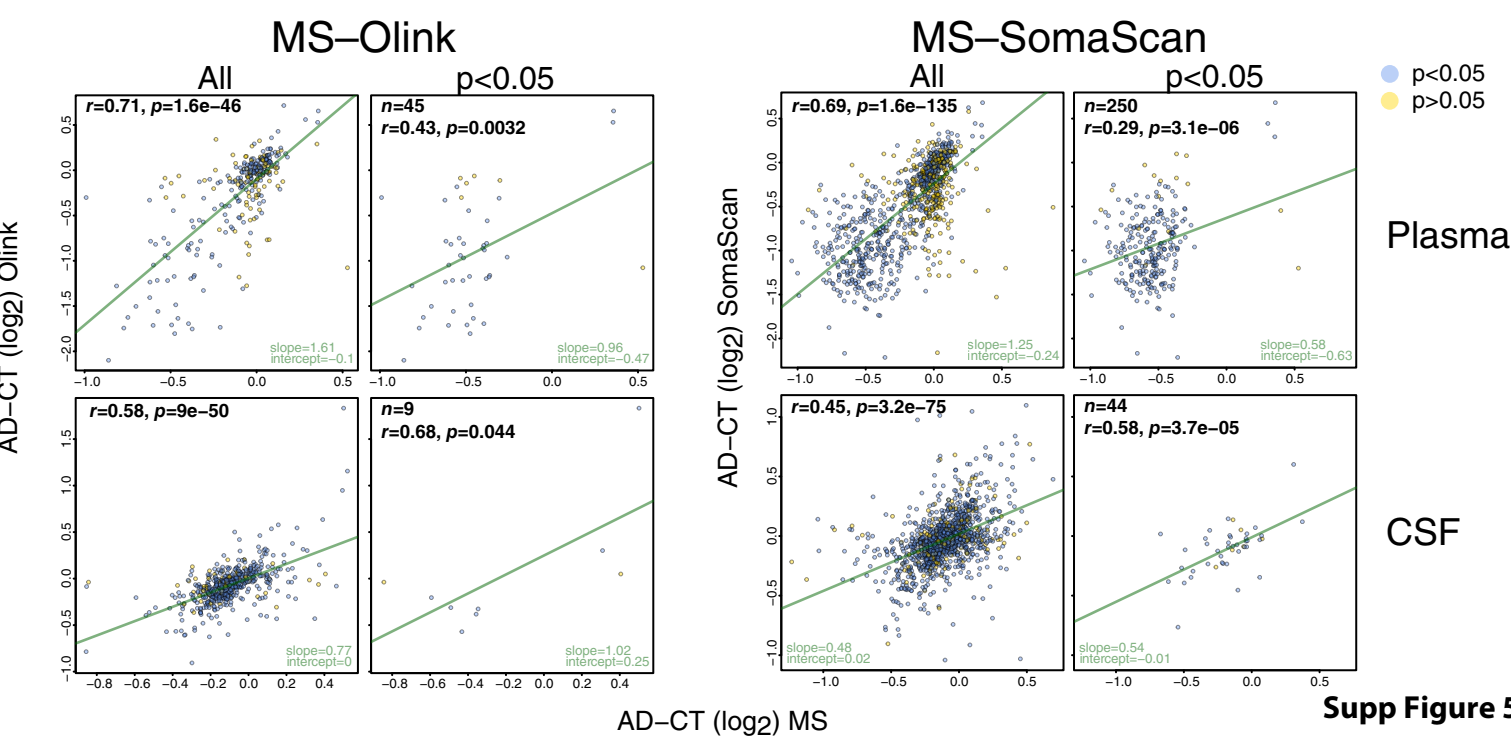


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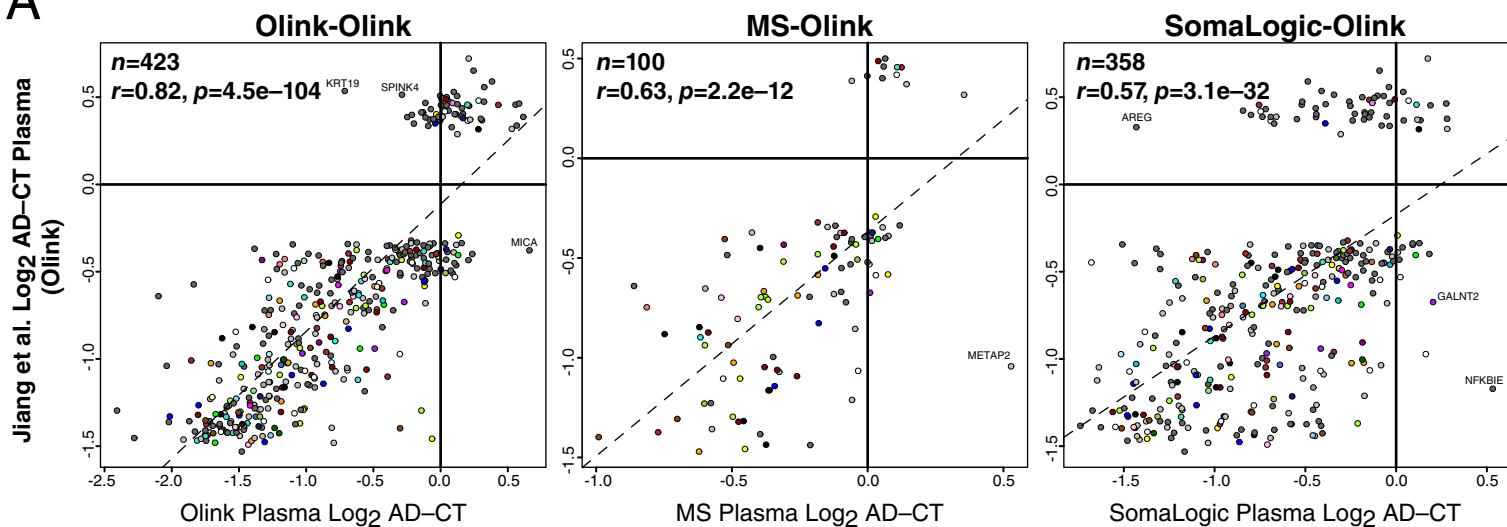


A

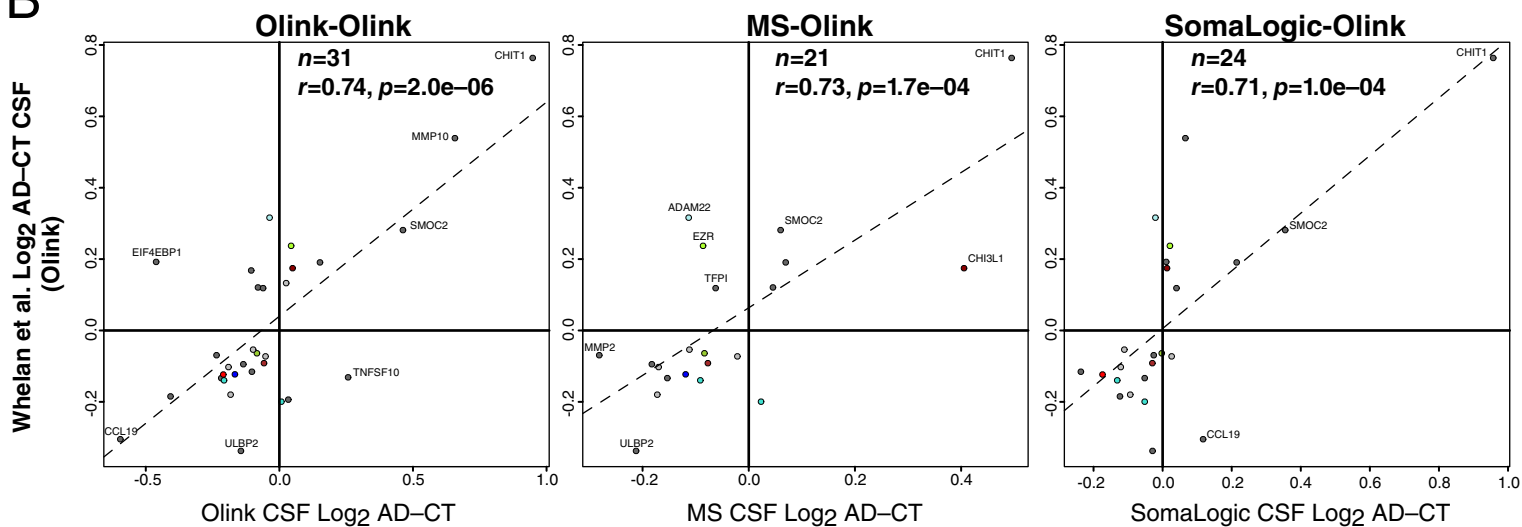


A**B****C**

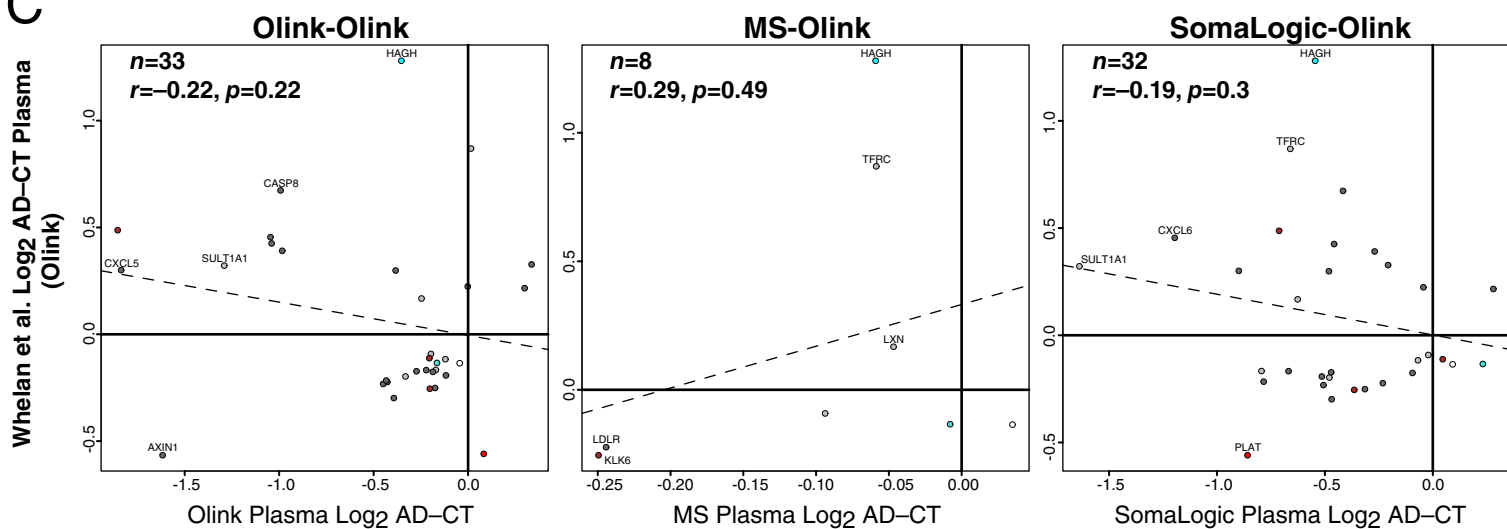
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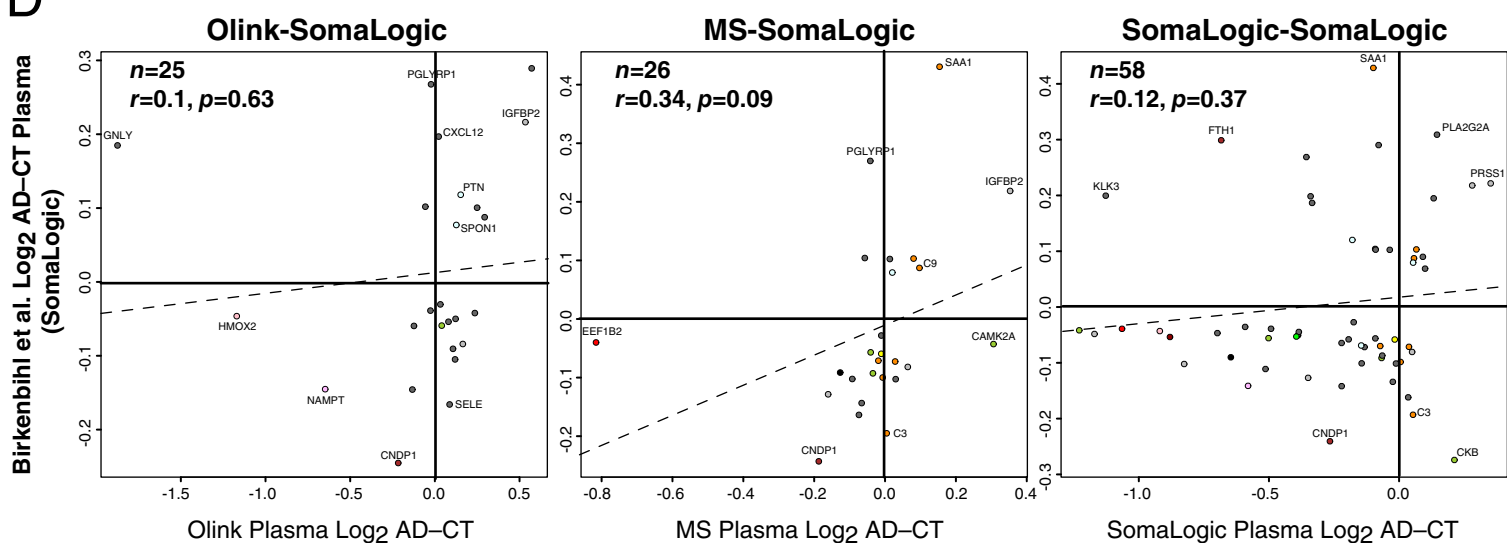
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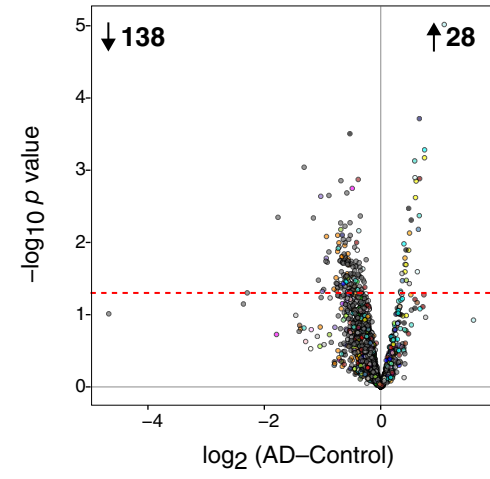
C



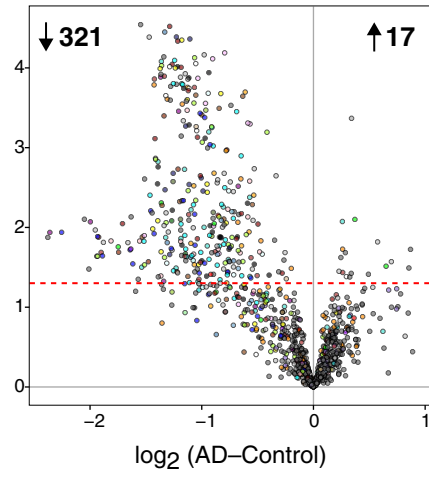
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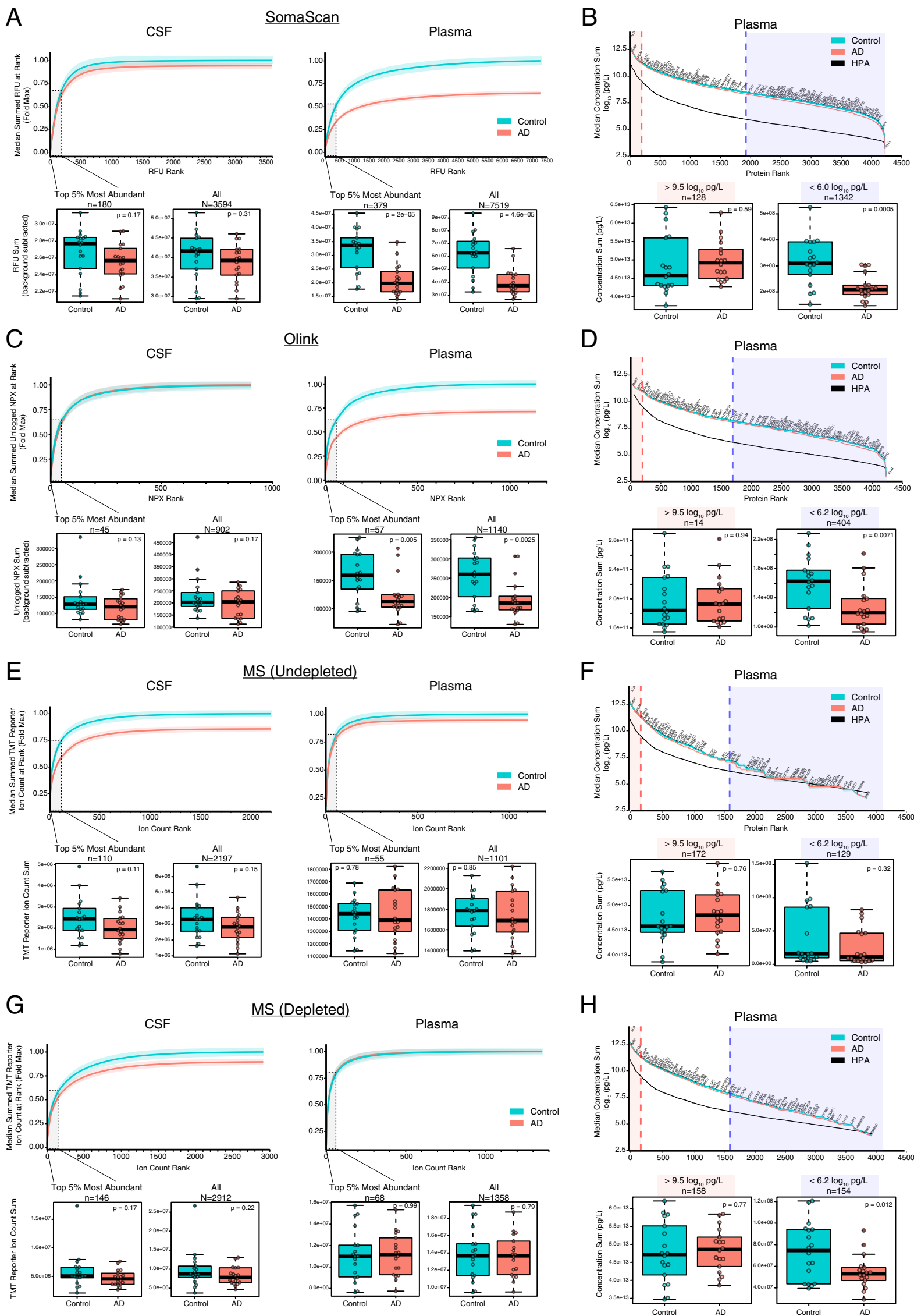


CSF

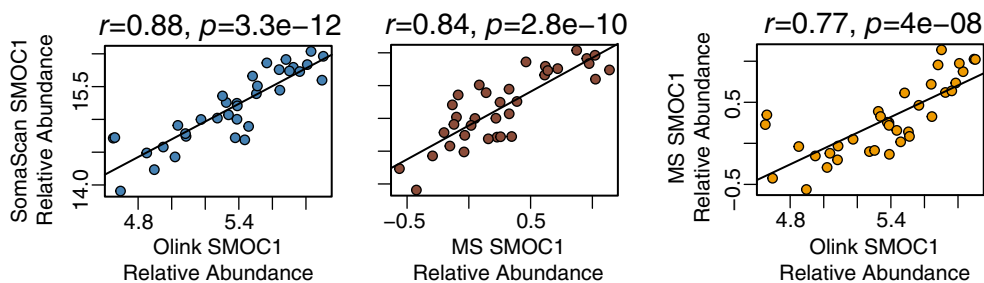
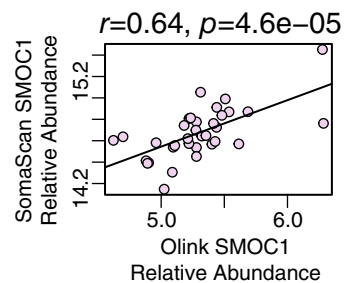
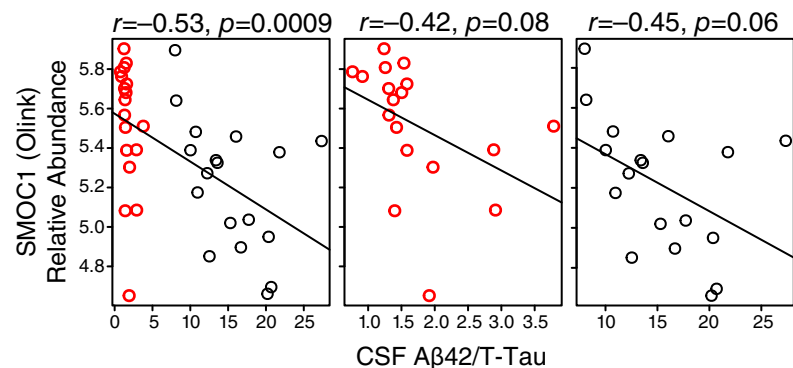
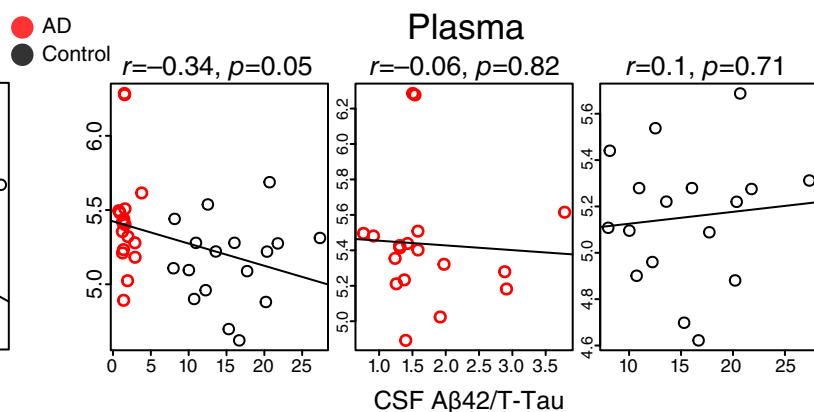
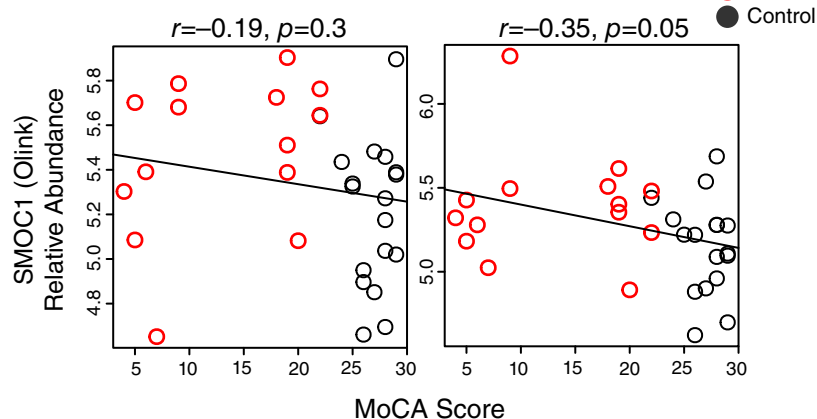
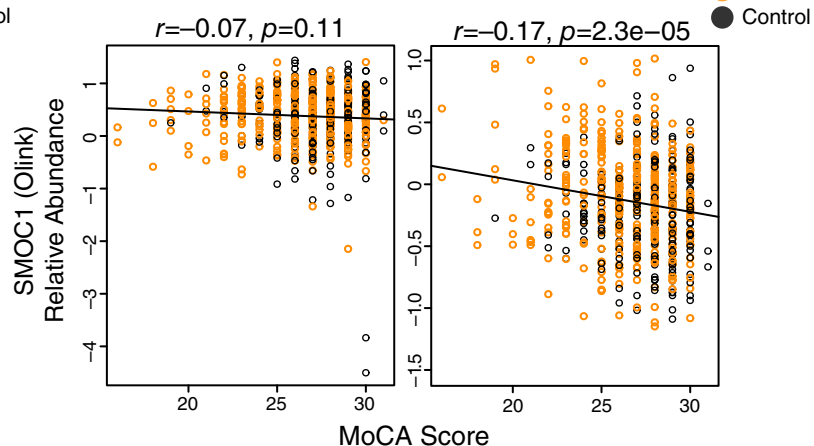


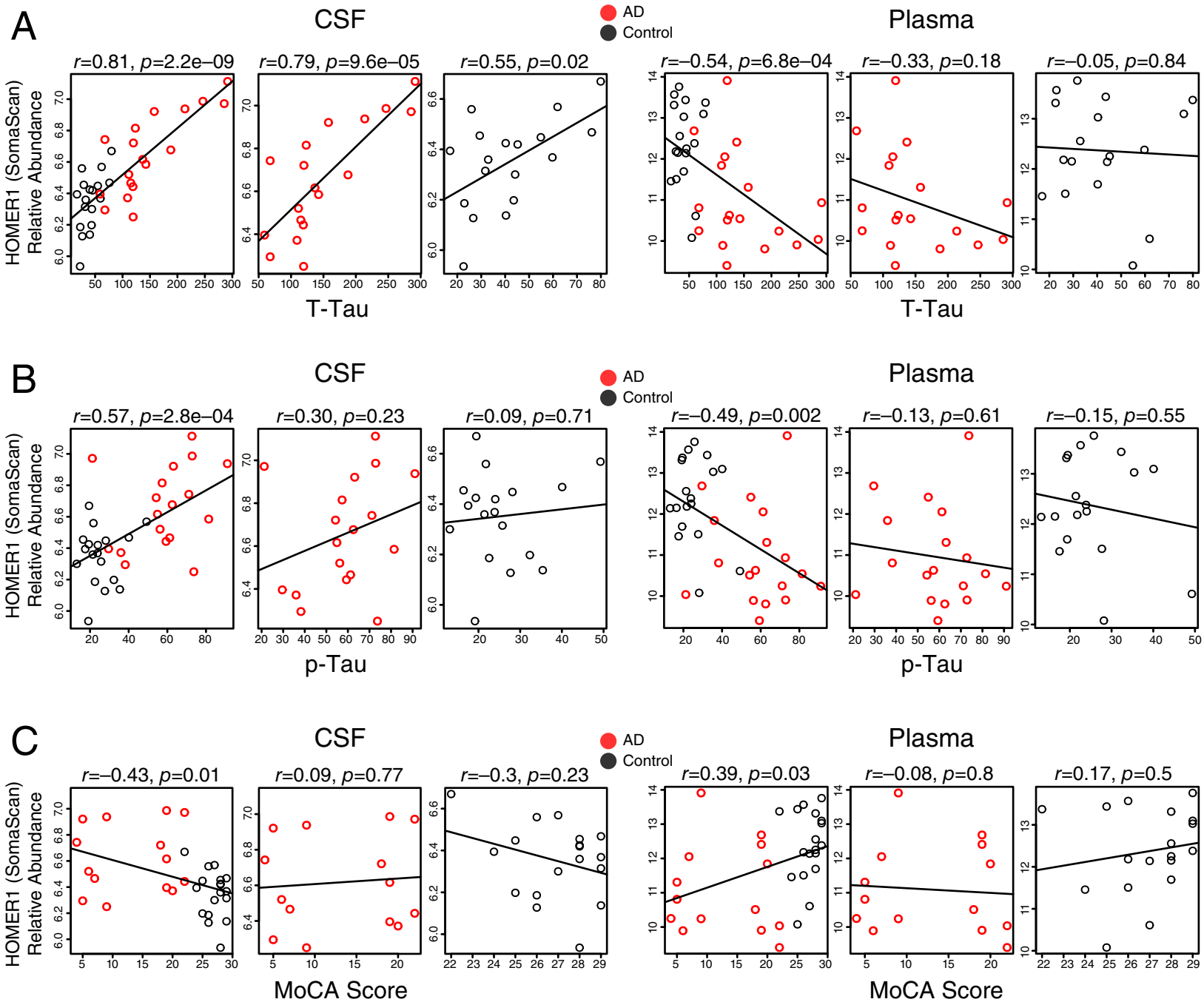
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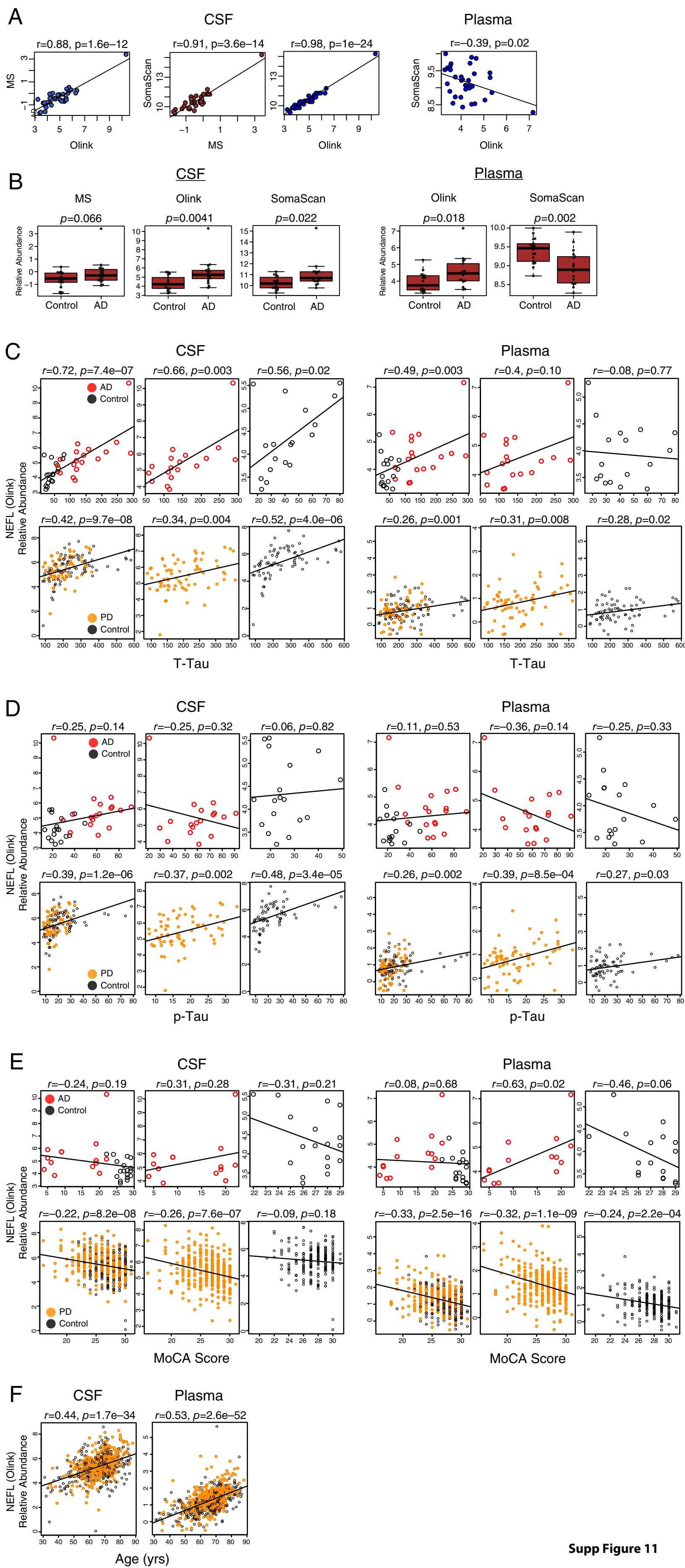


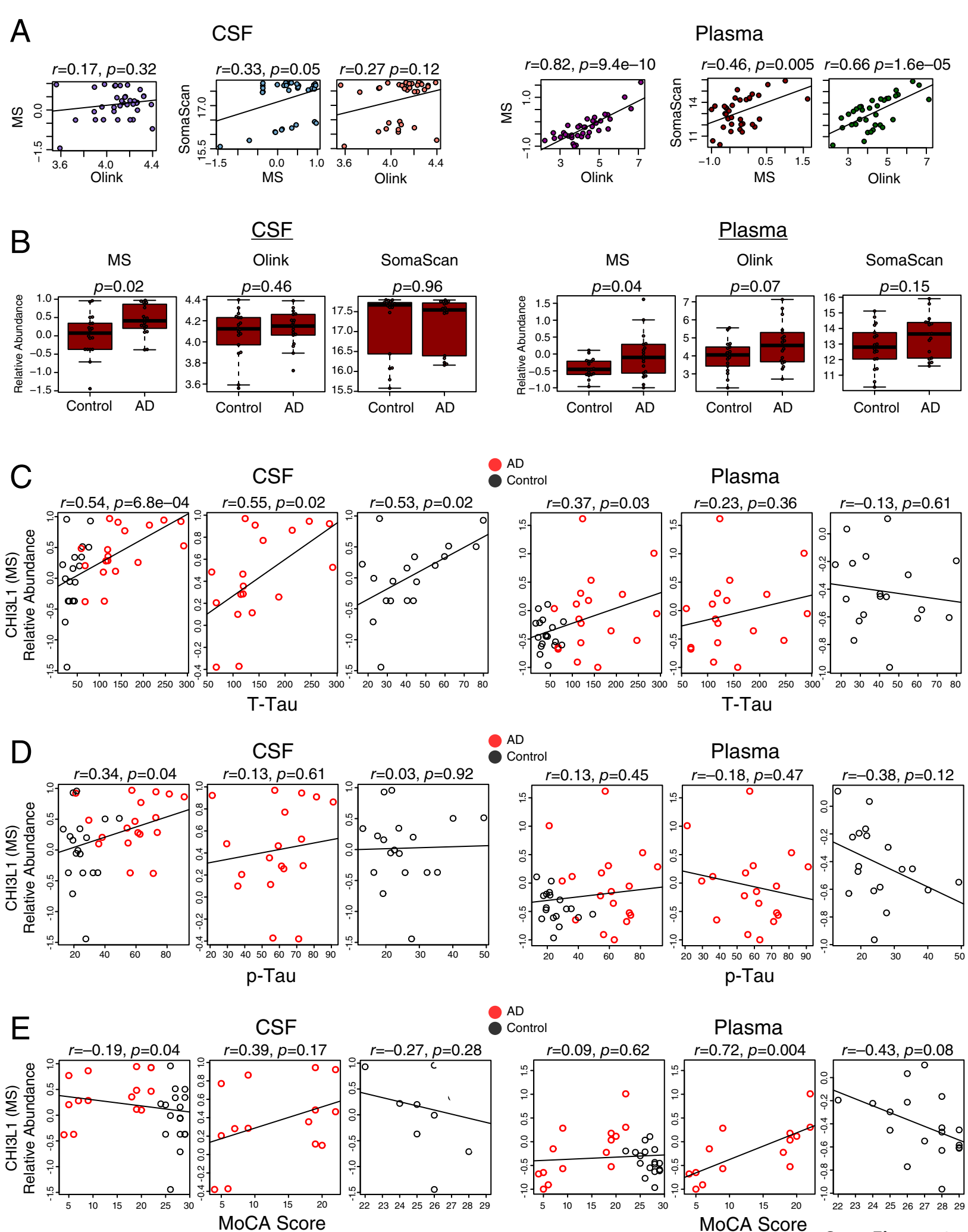


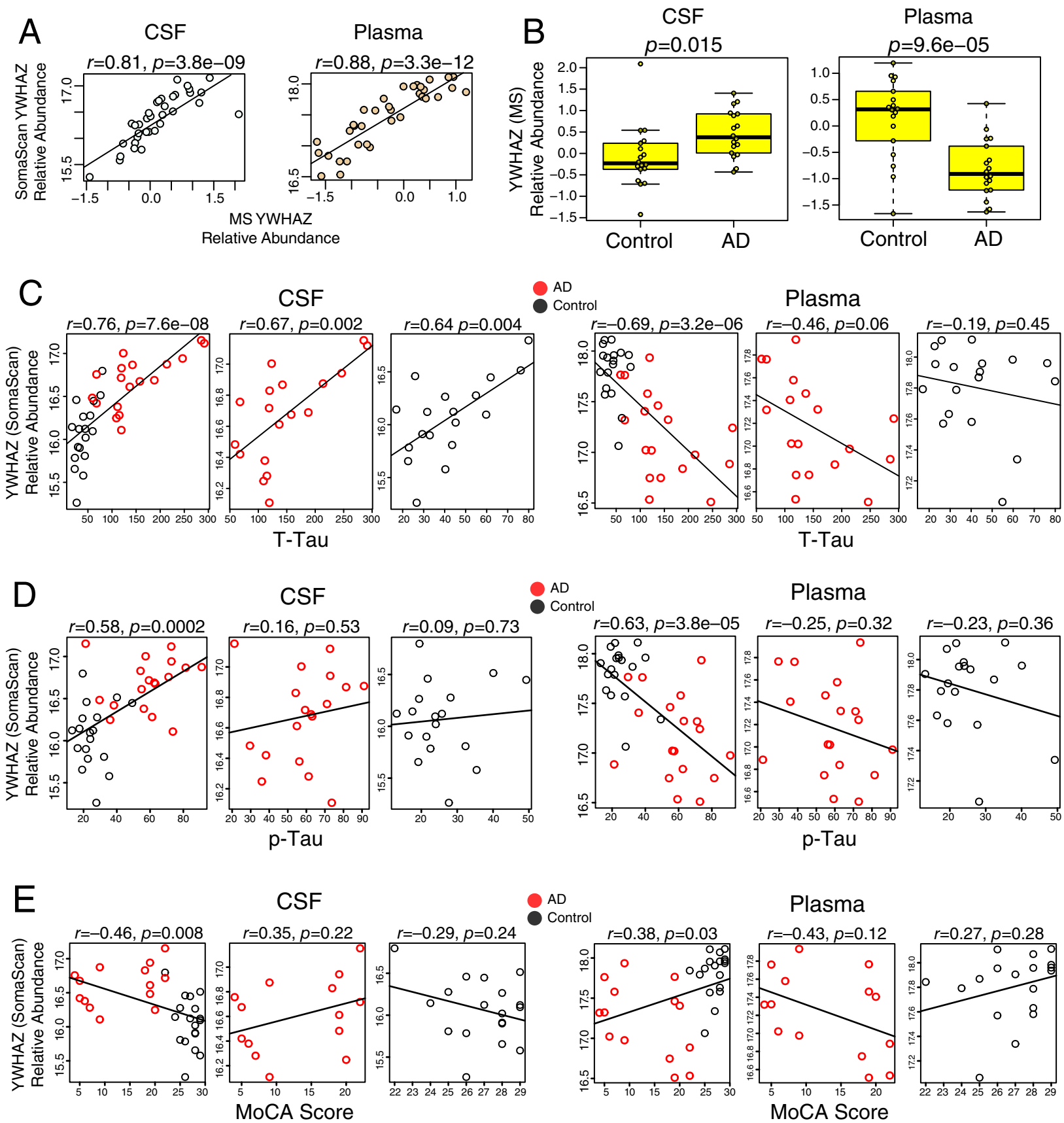
Supp Figure 8

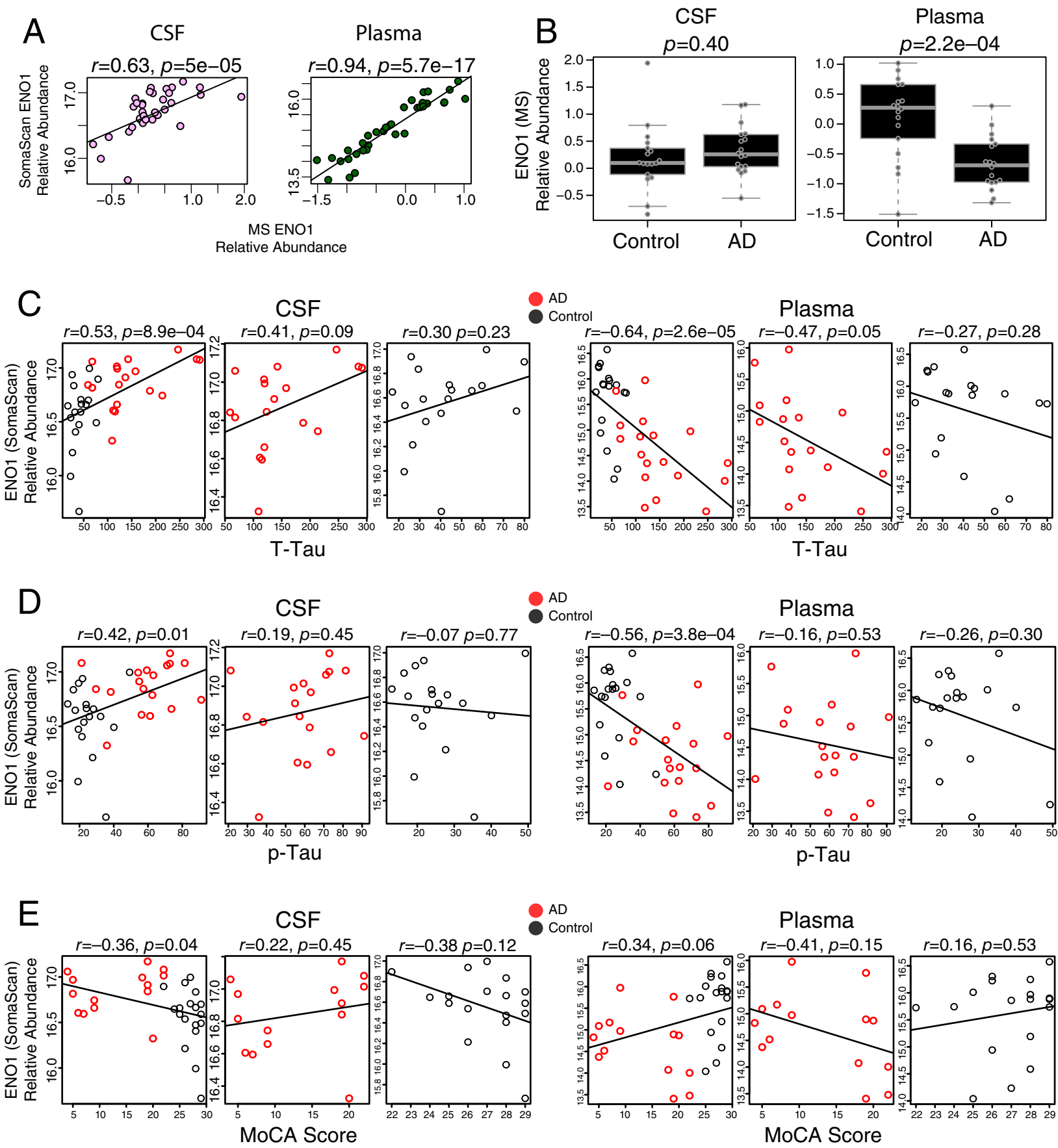
A**CSF****B****Plasma****C****CSF****Plasma****D****CSF****Plasma****E****CSF****Plasma**

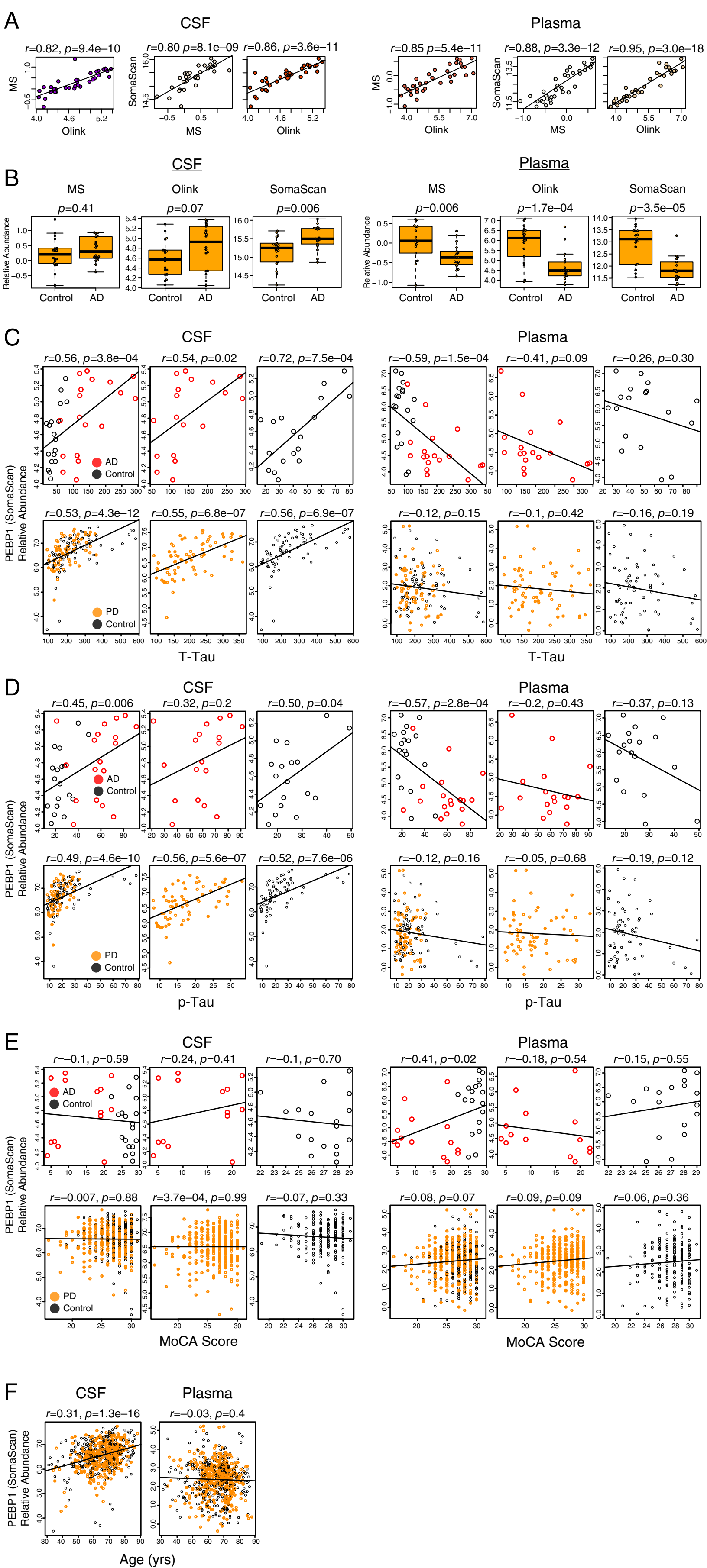


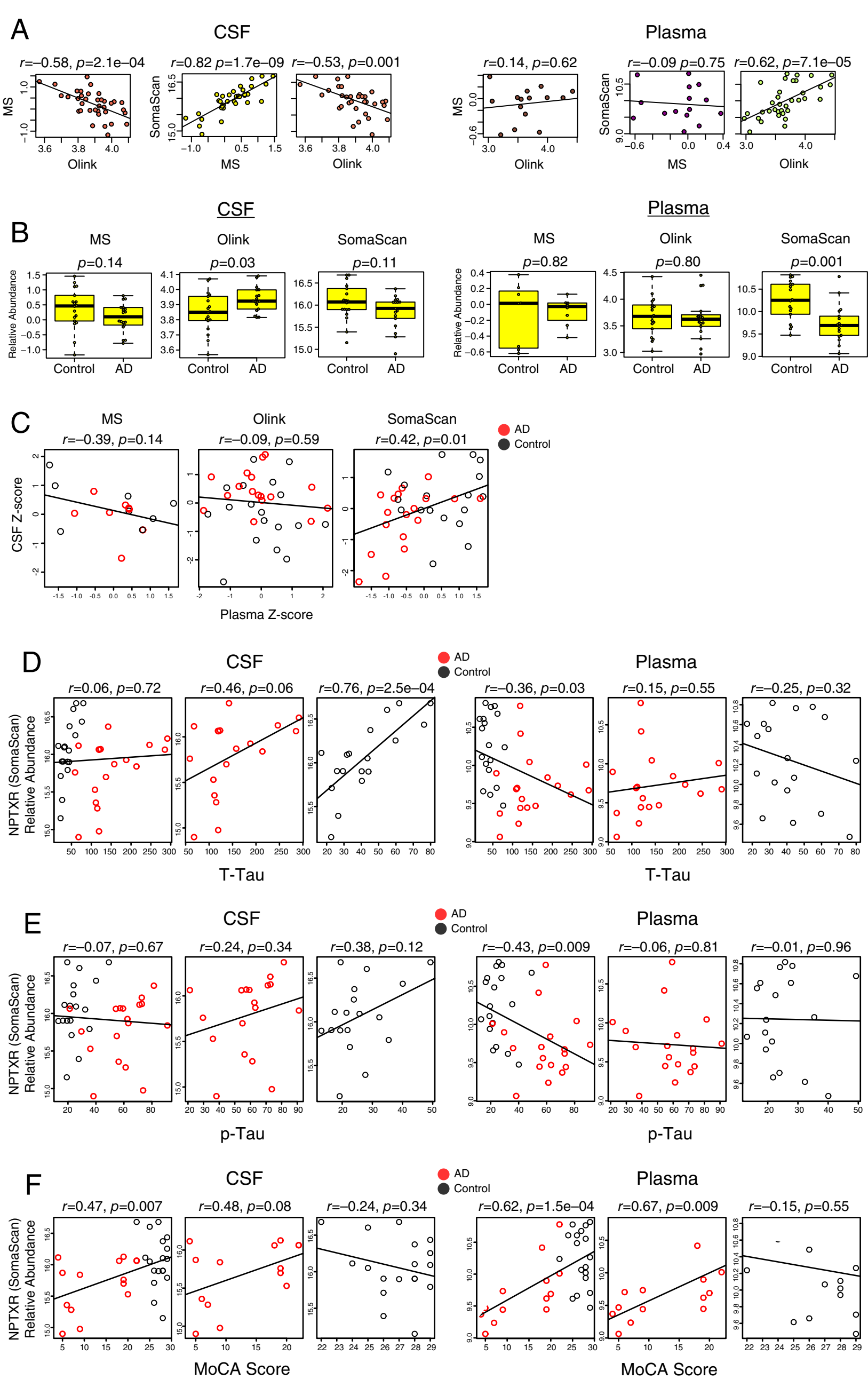


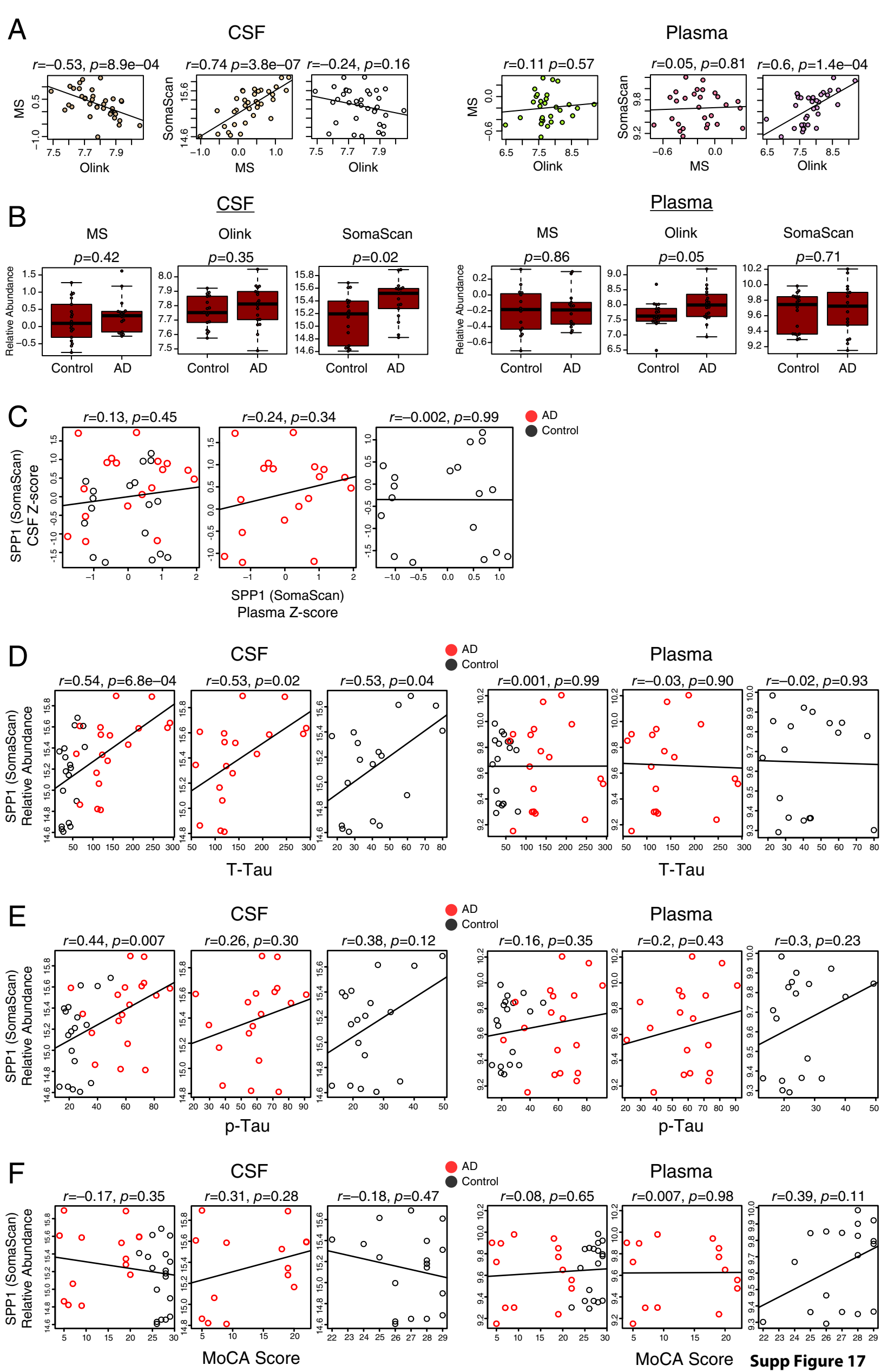


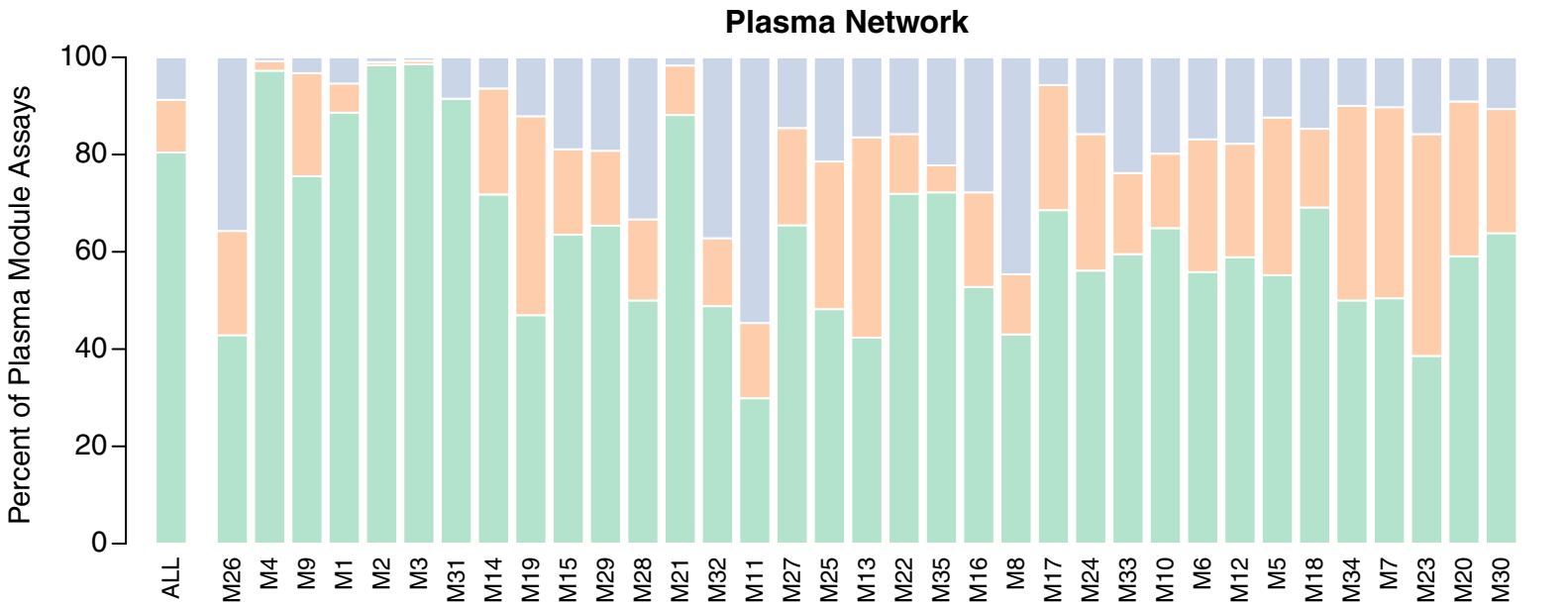
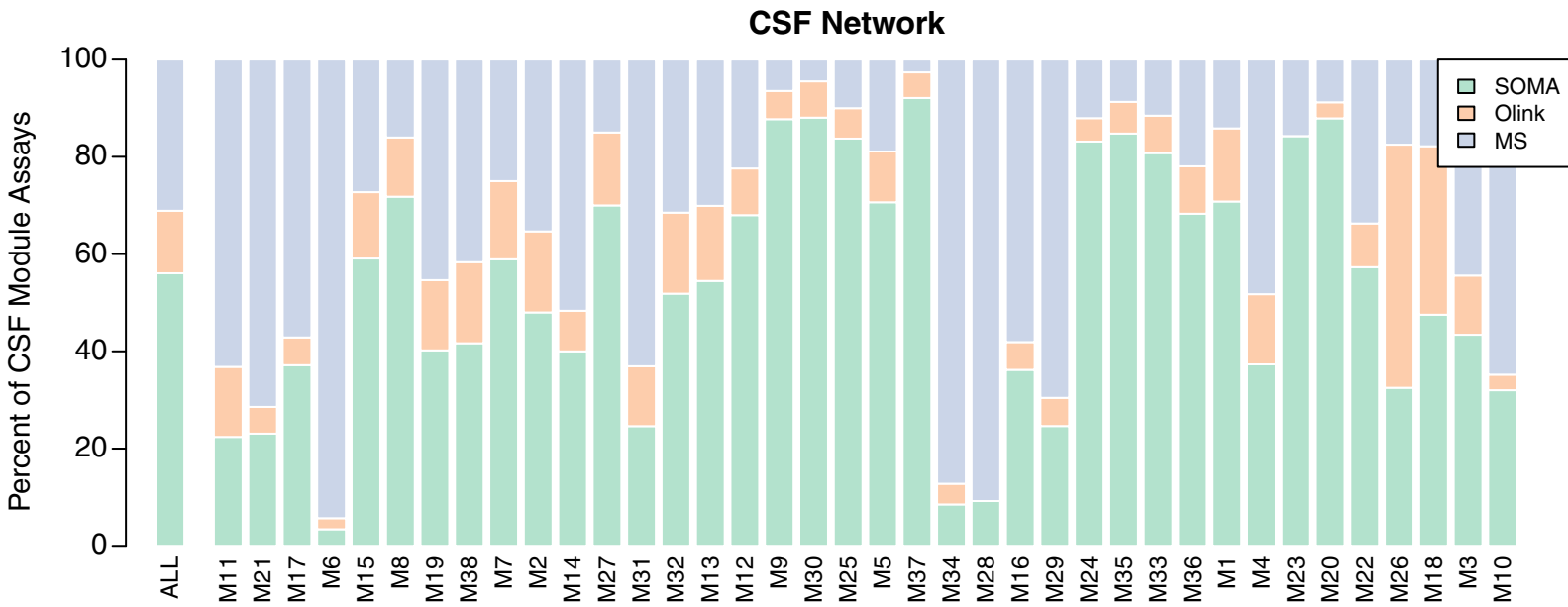


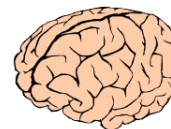




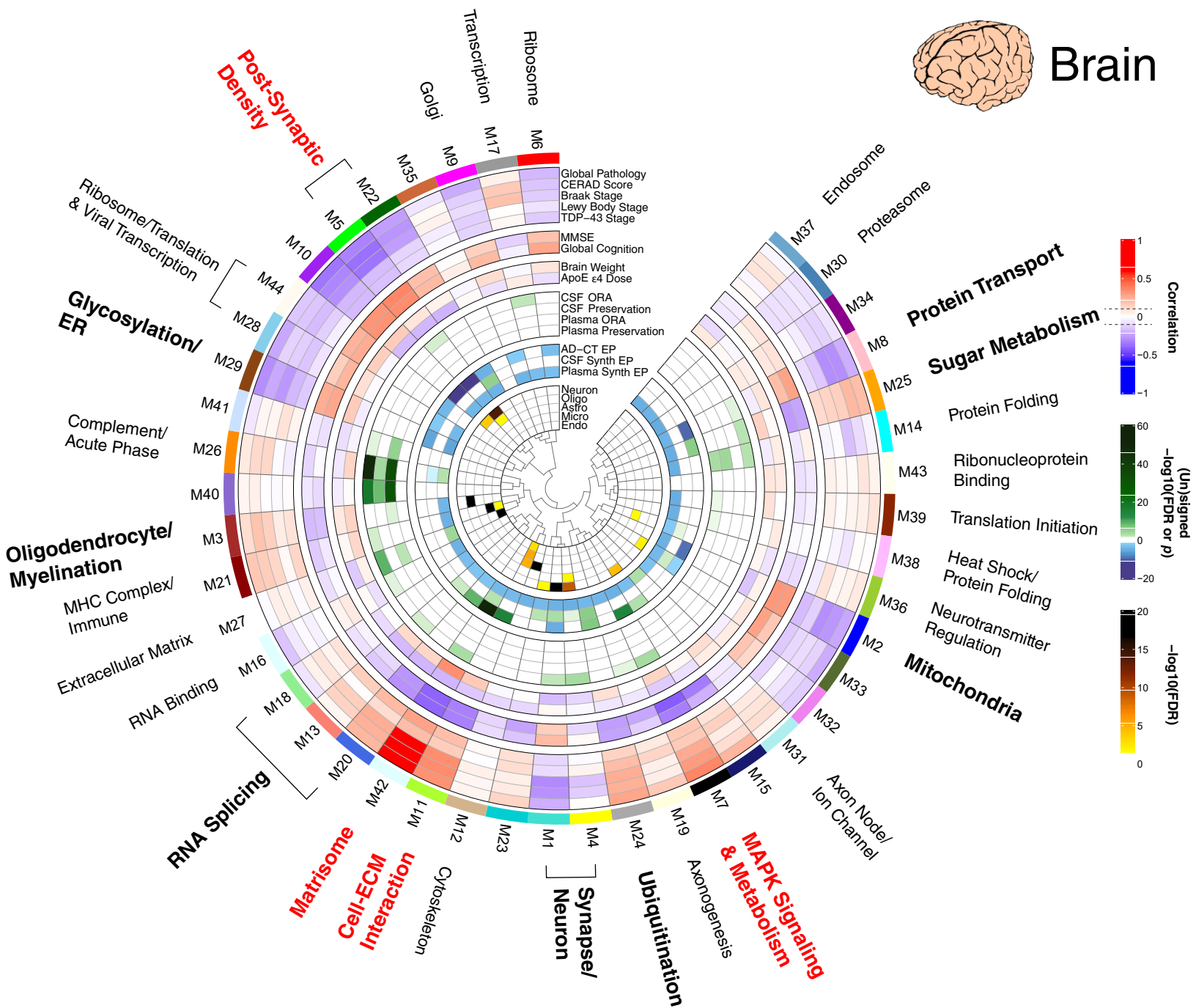


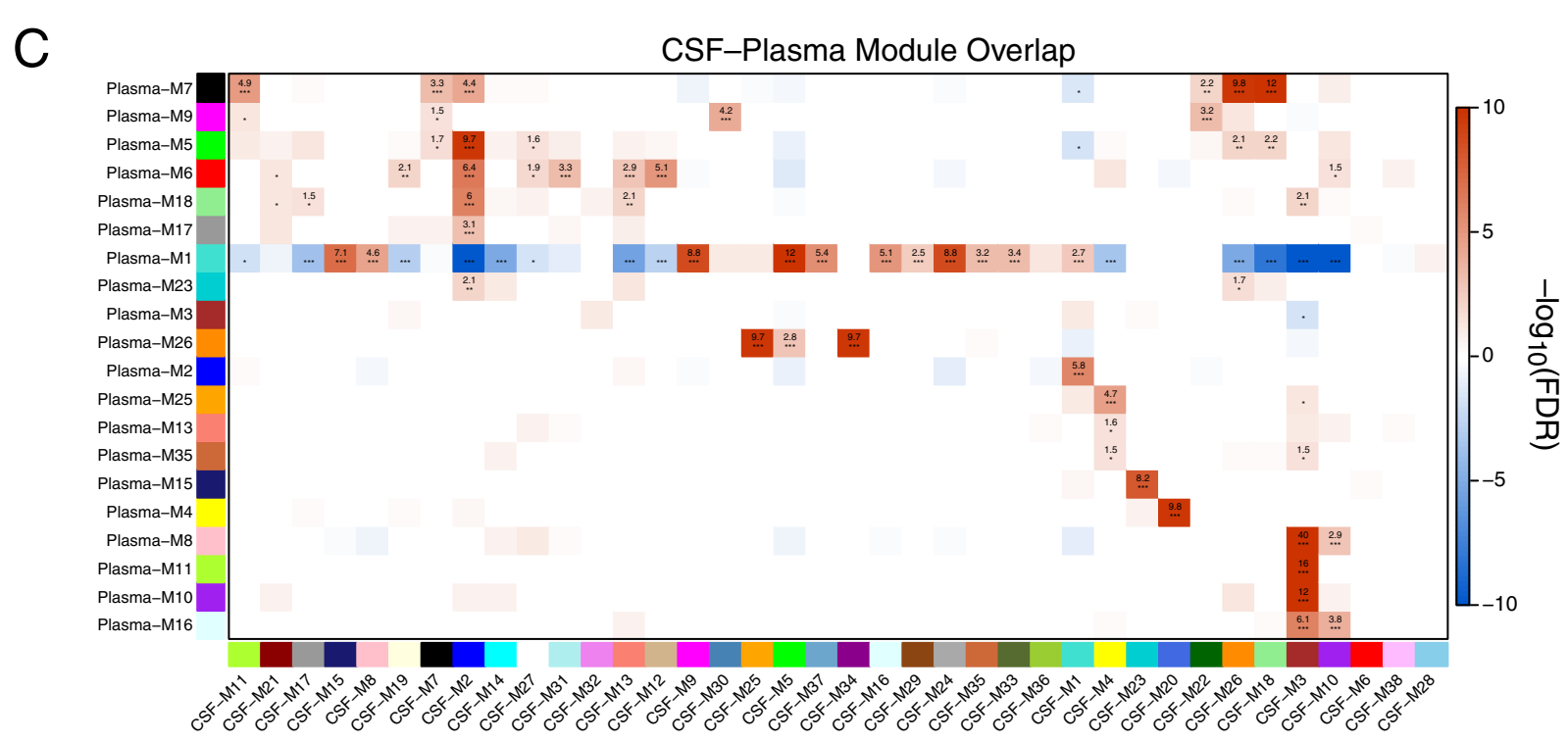
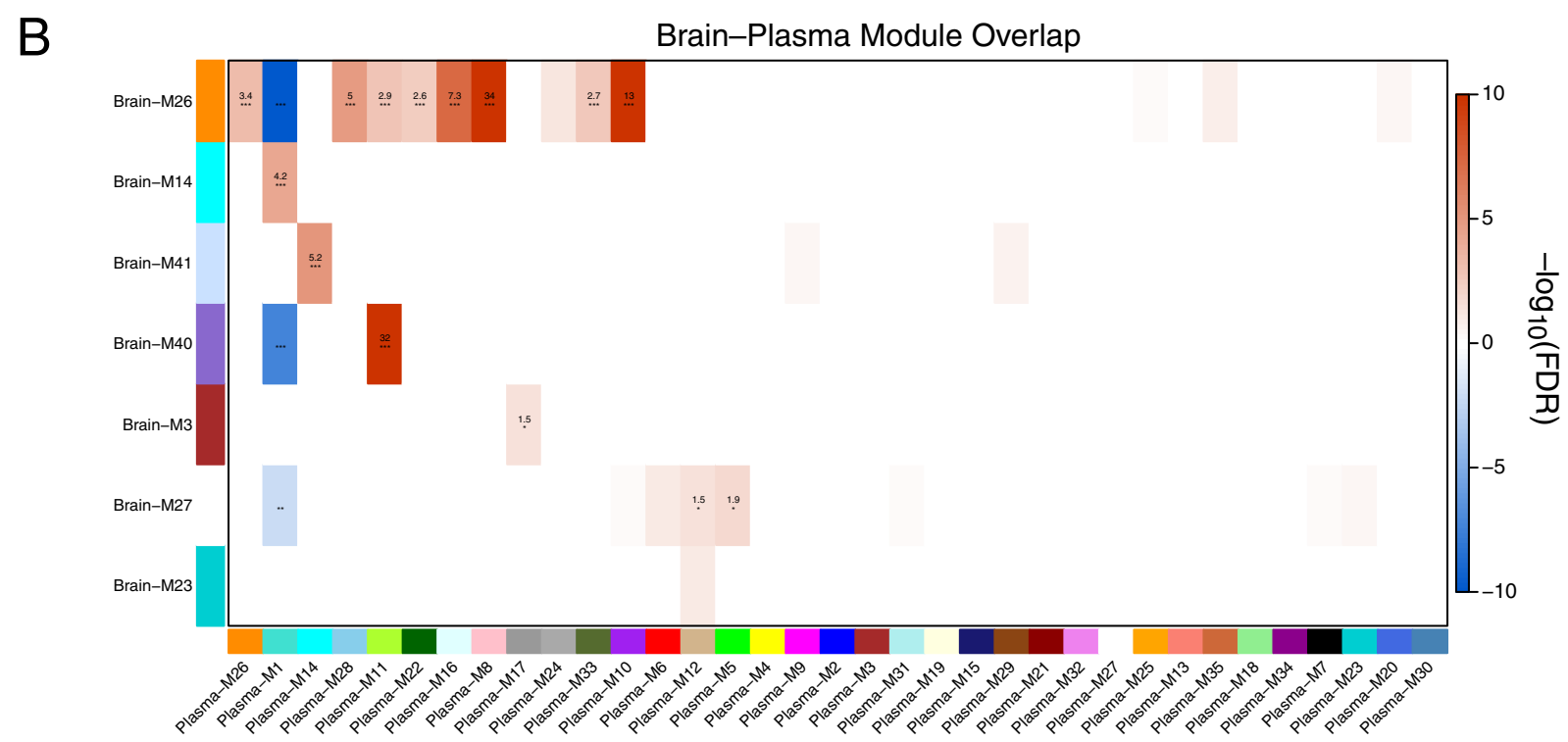
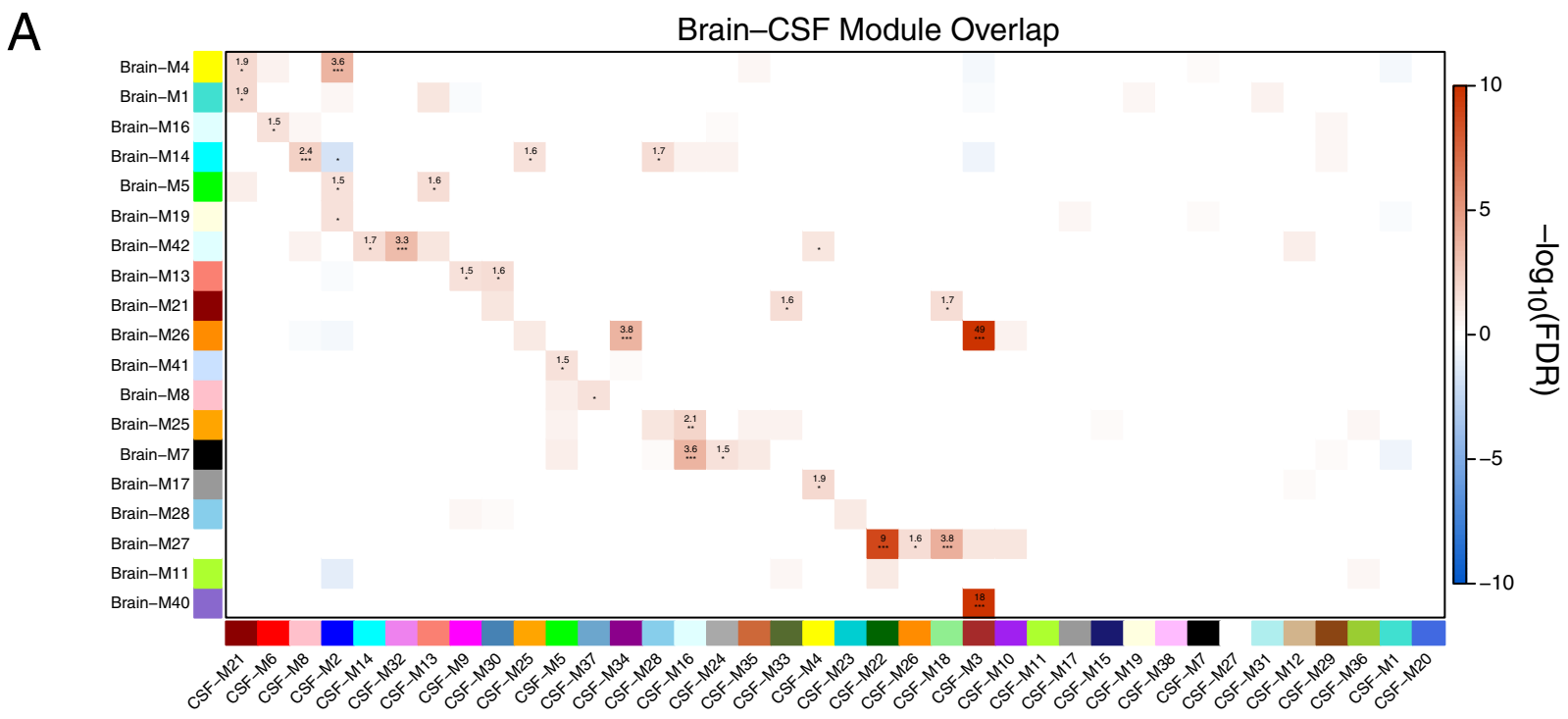






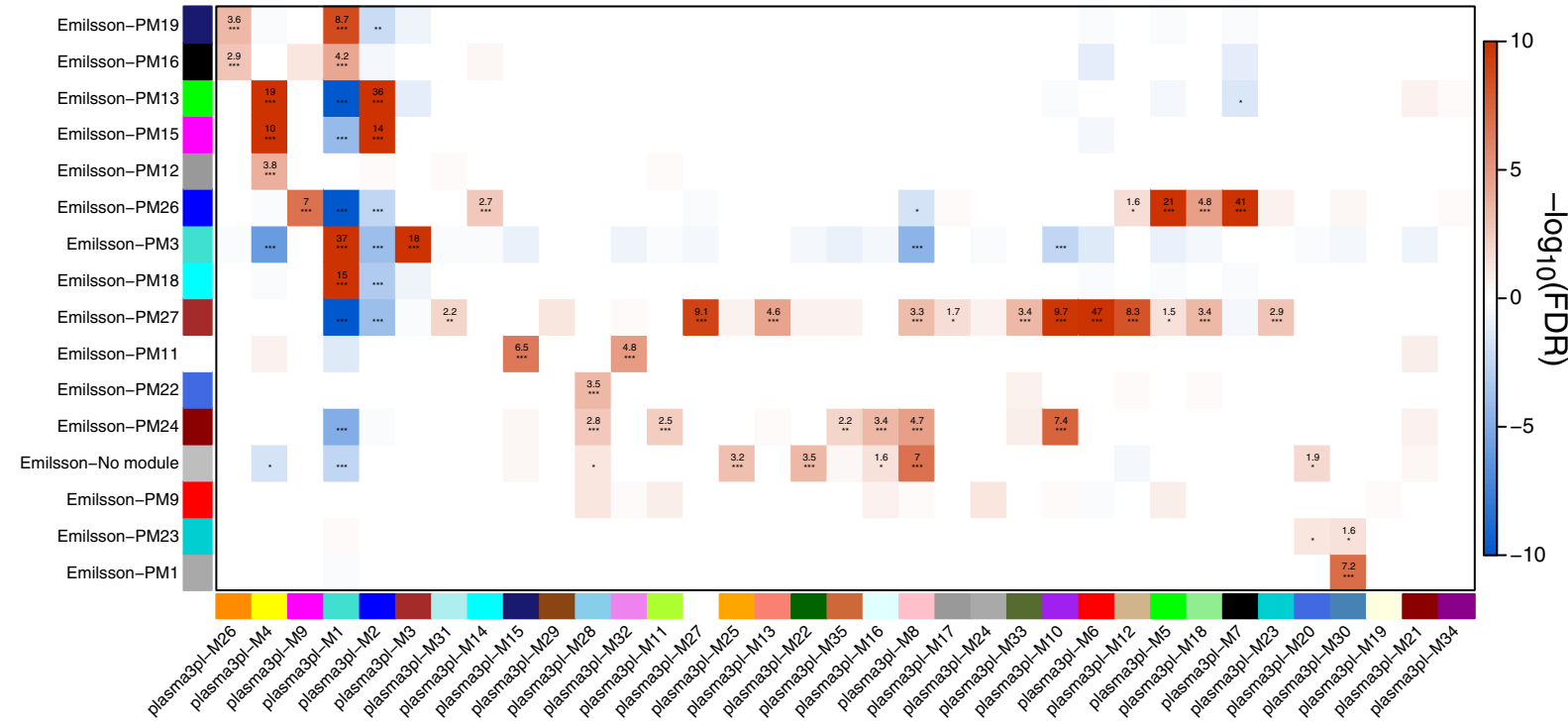
Brain

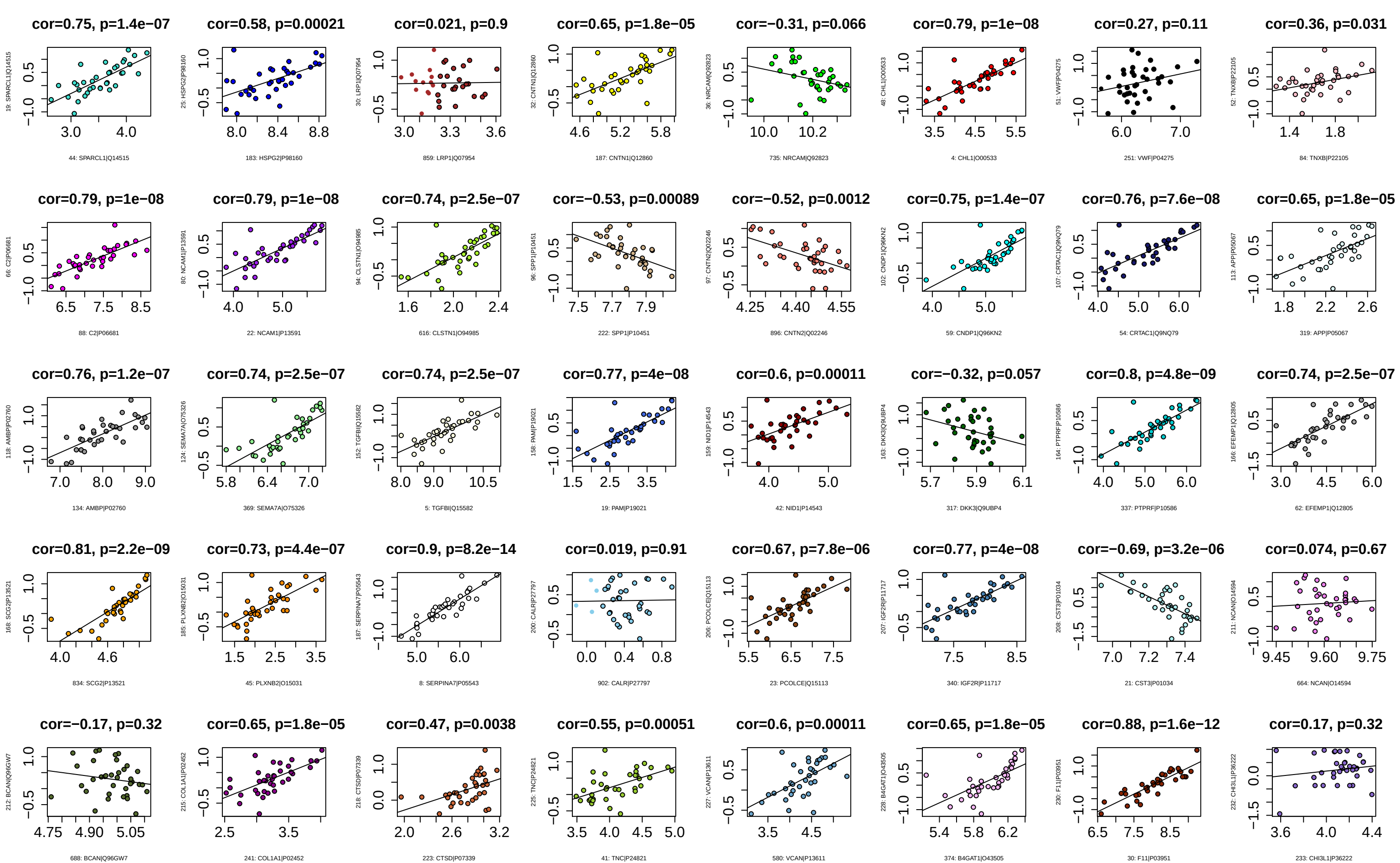


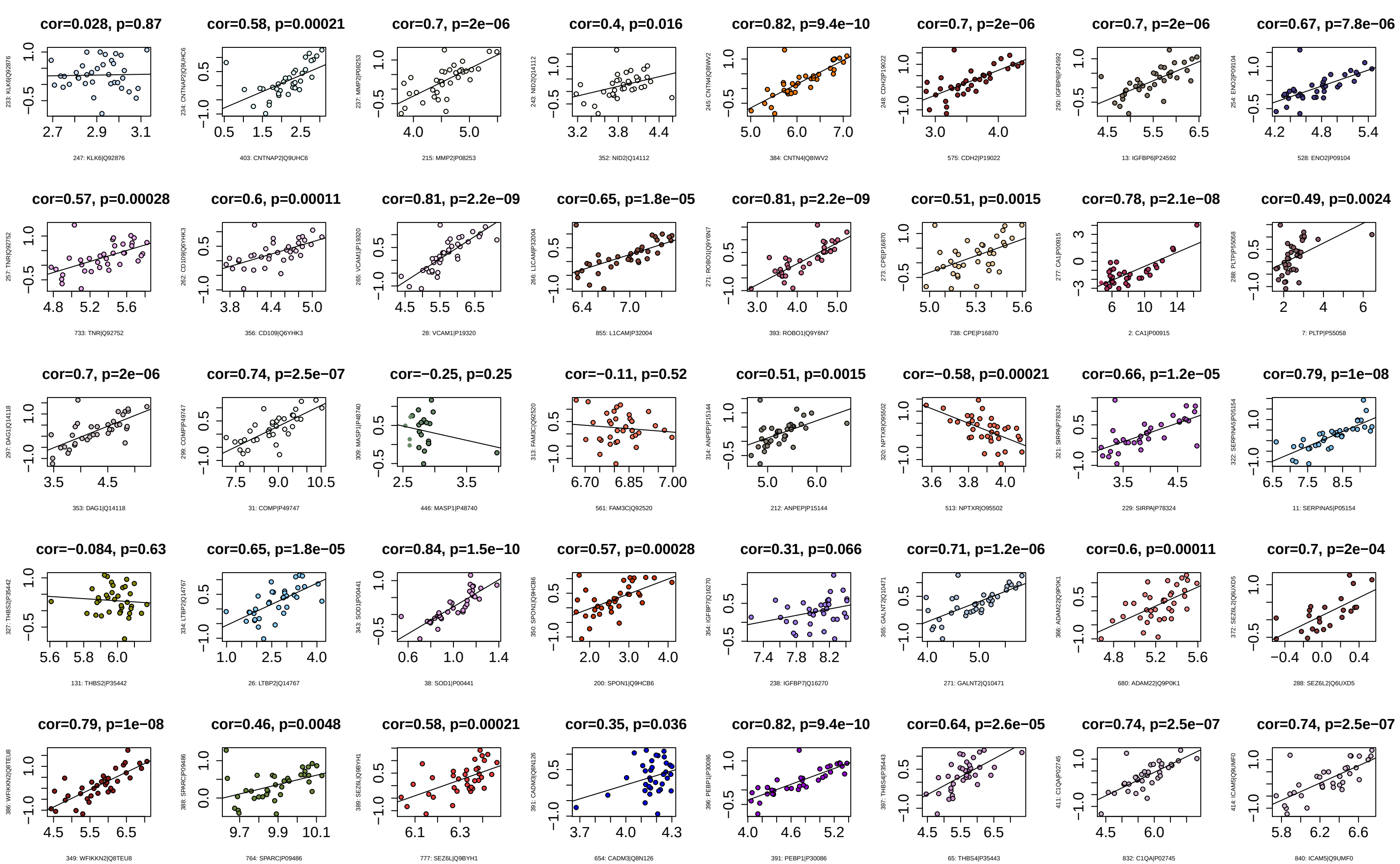


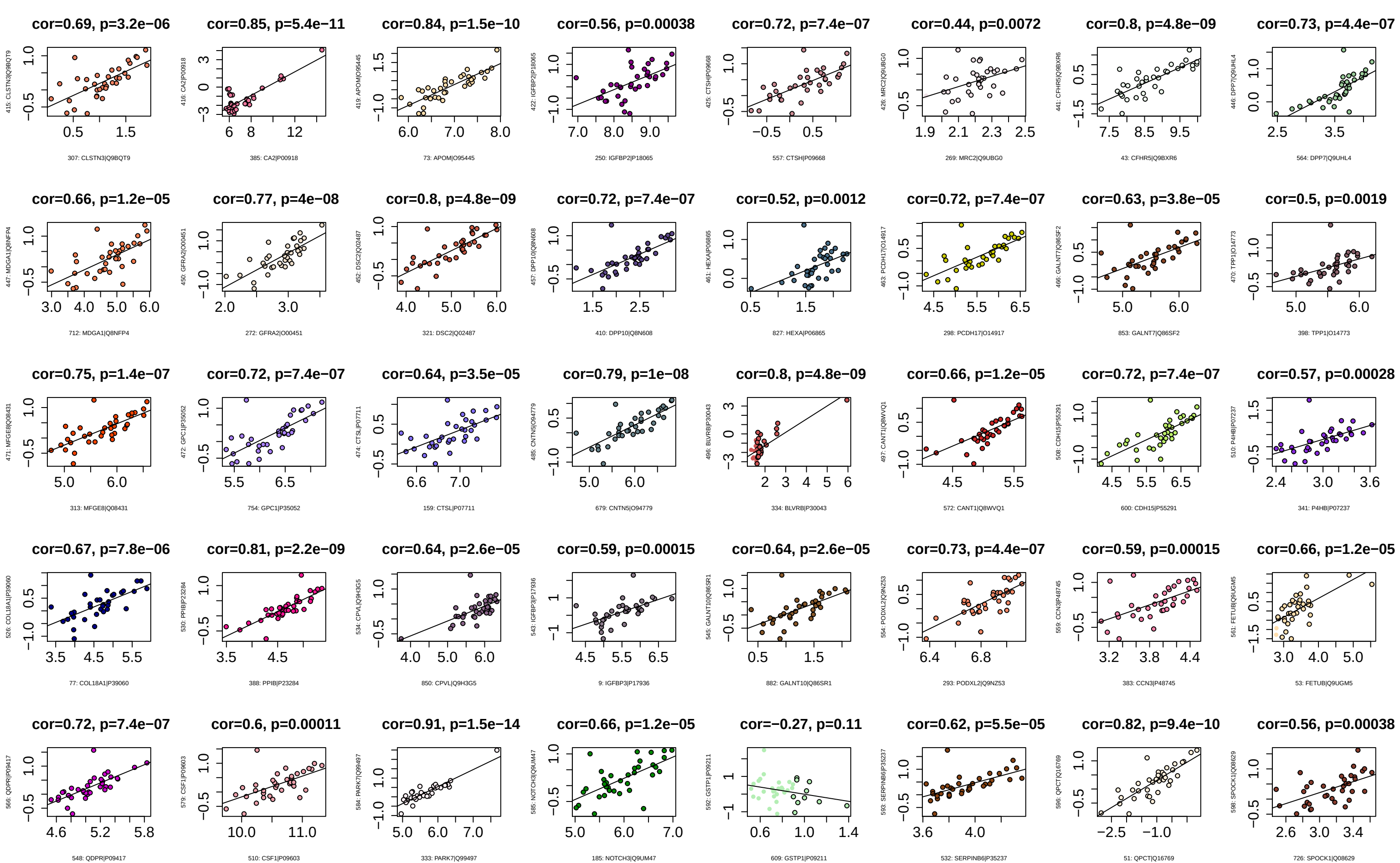
Supp Figure 20

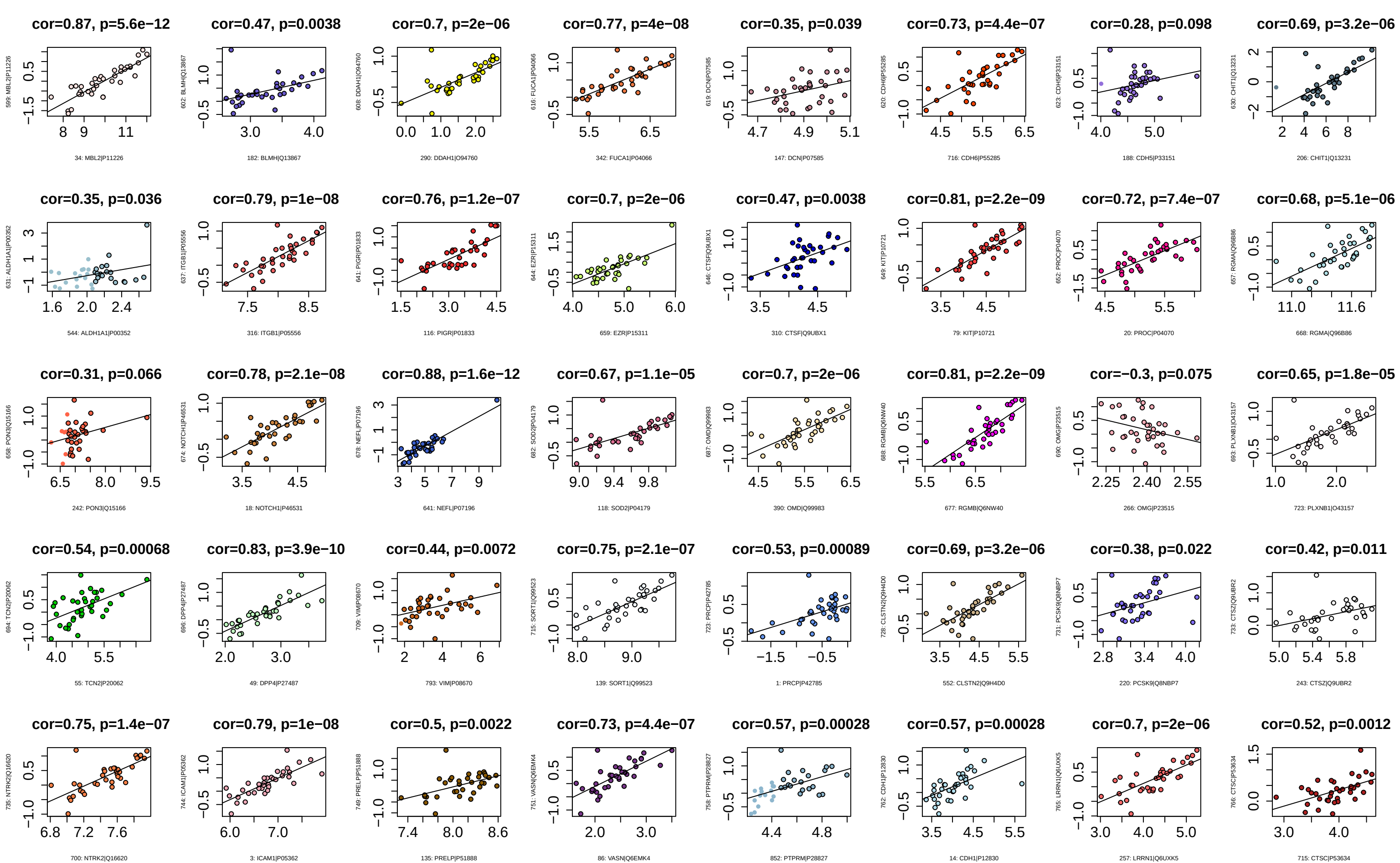
Emilsson Serum Network Module Overlap

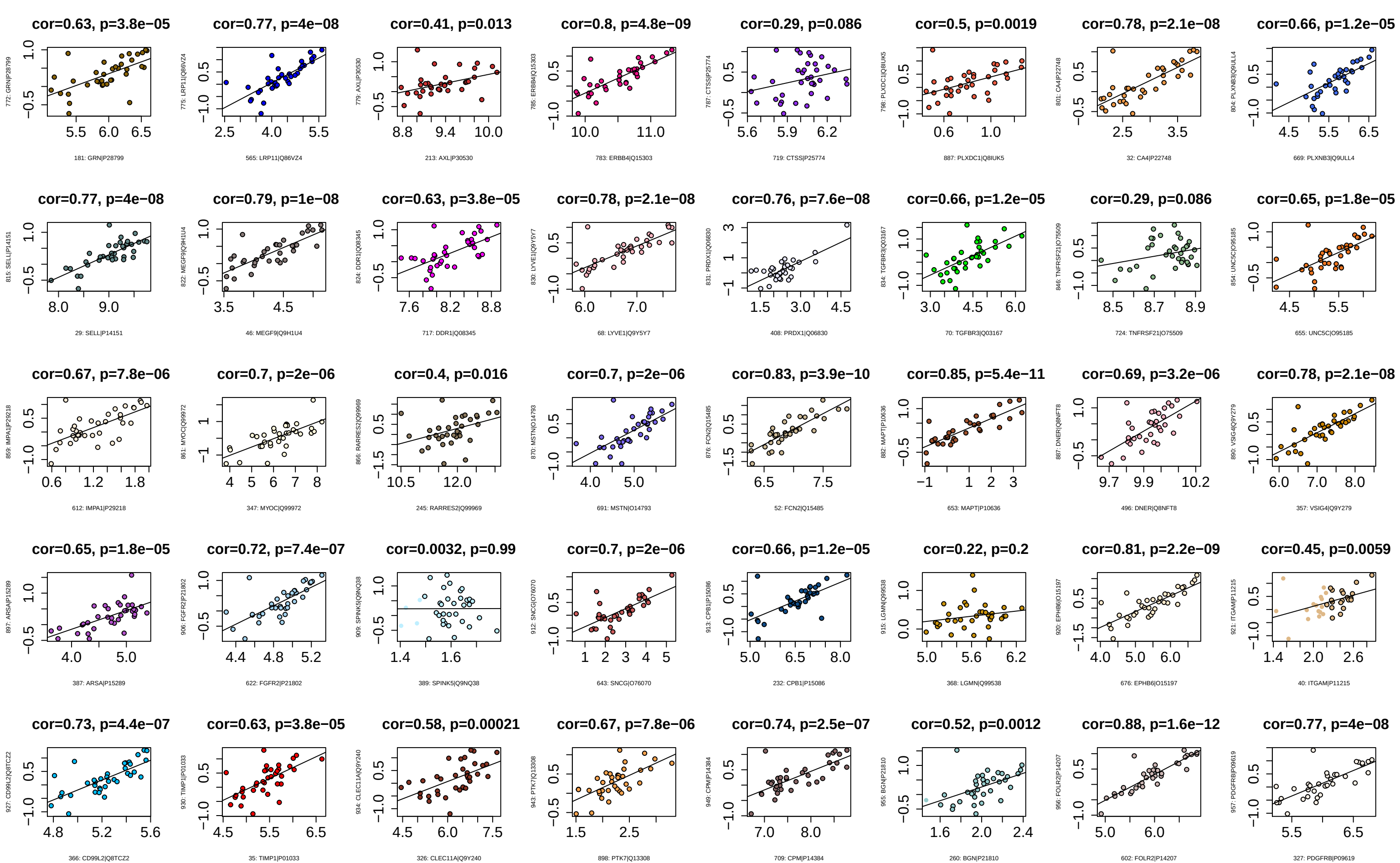


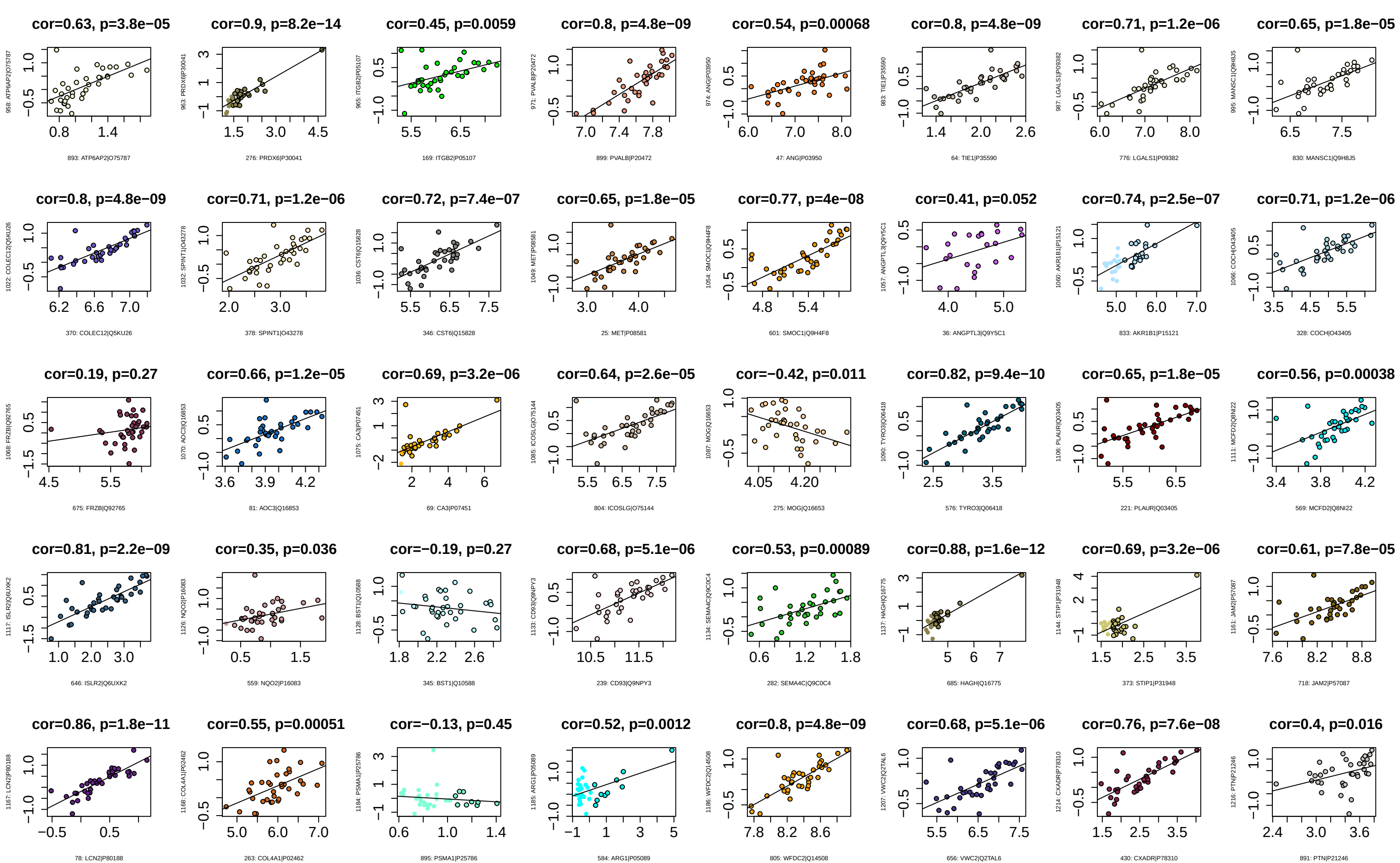


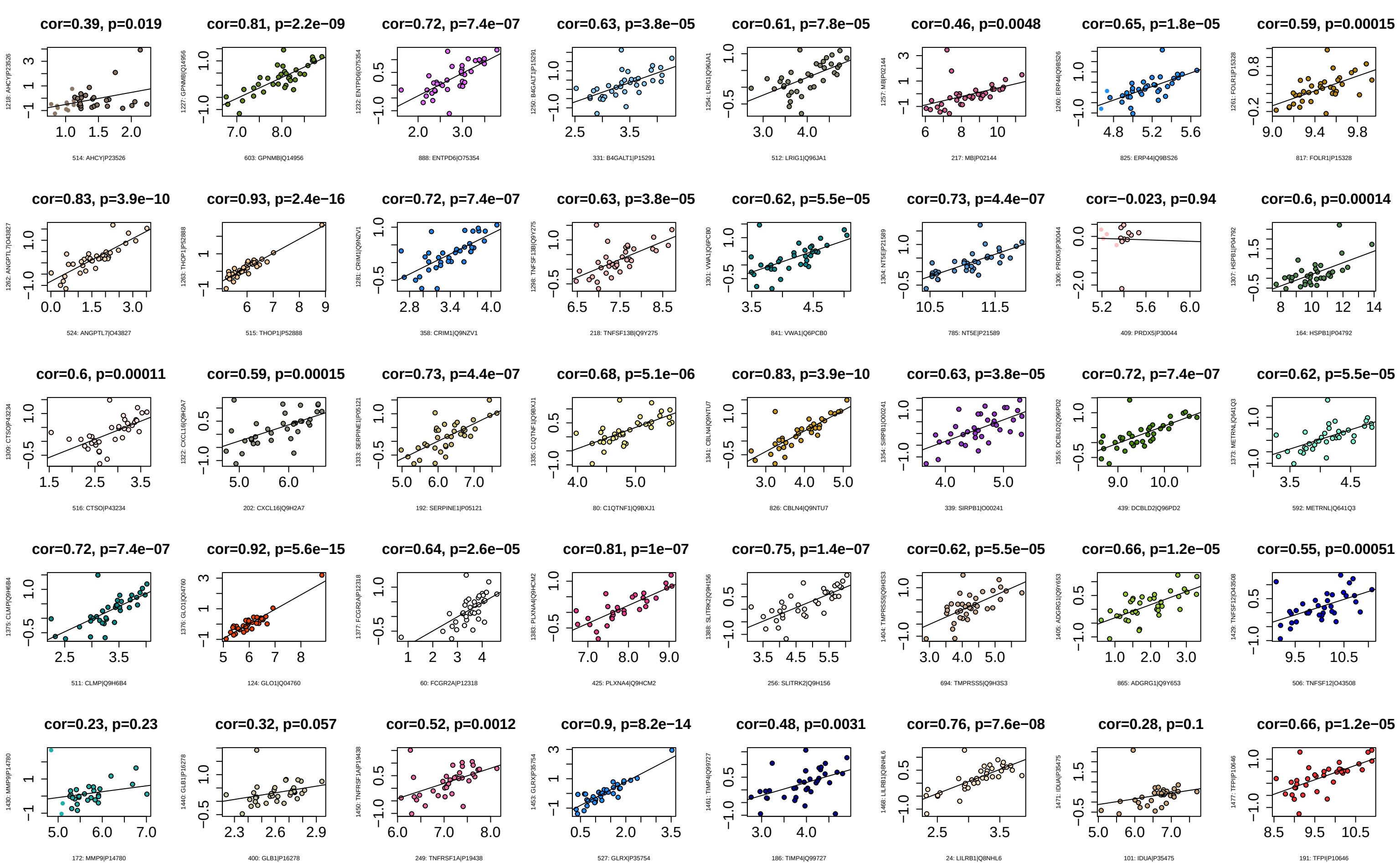


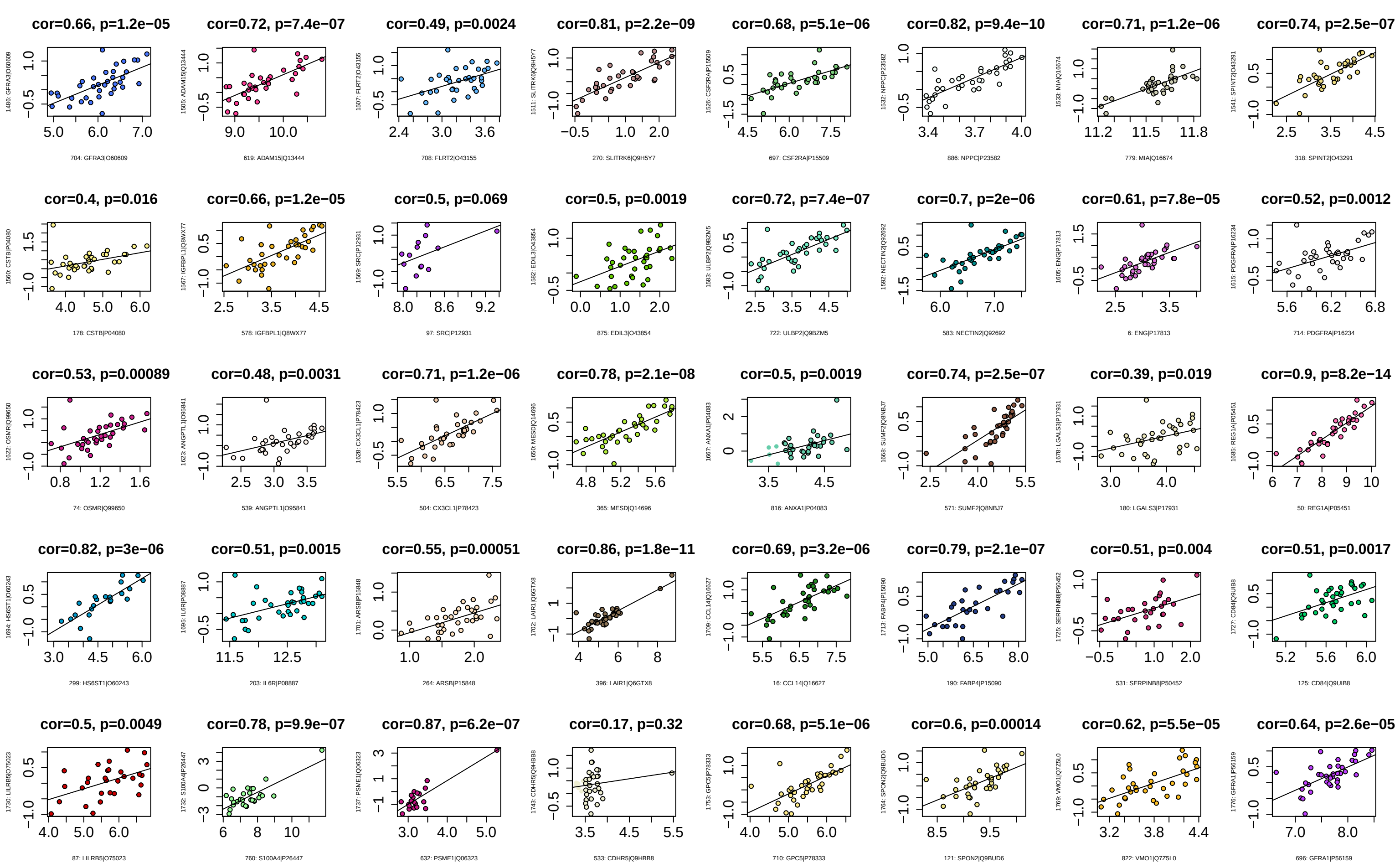


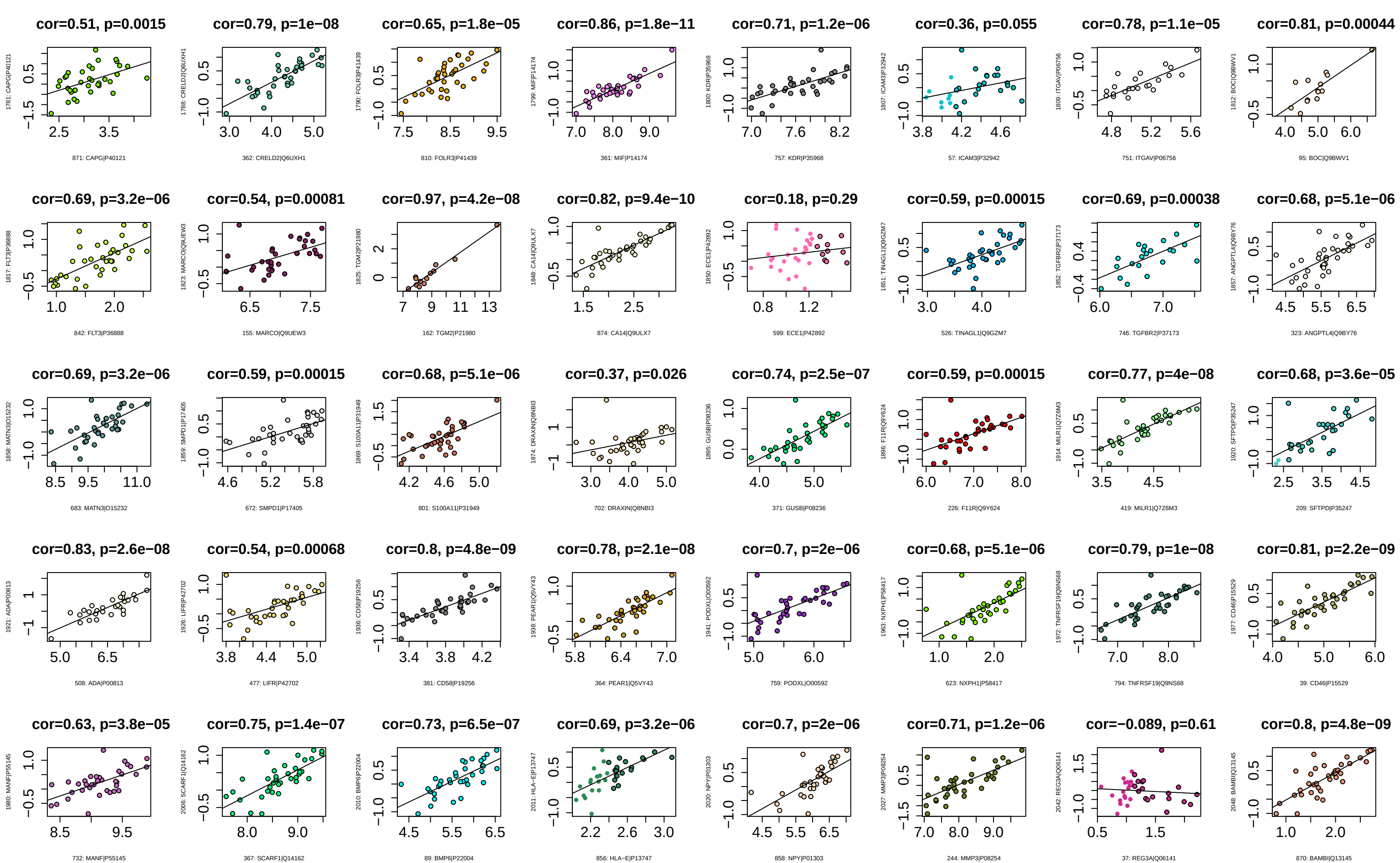


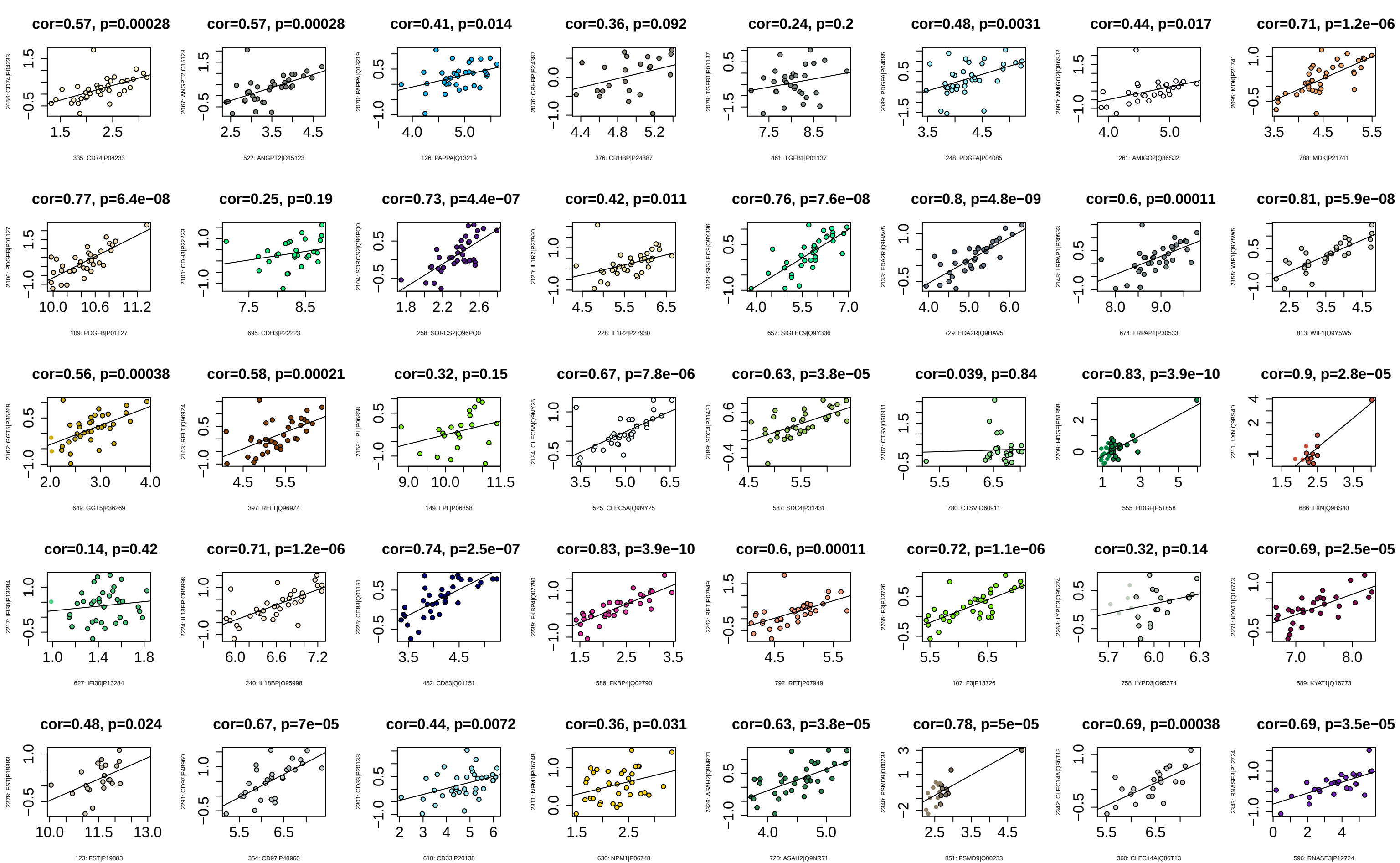


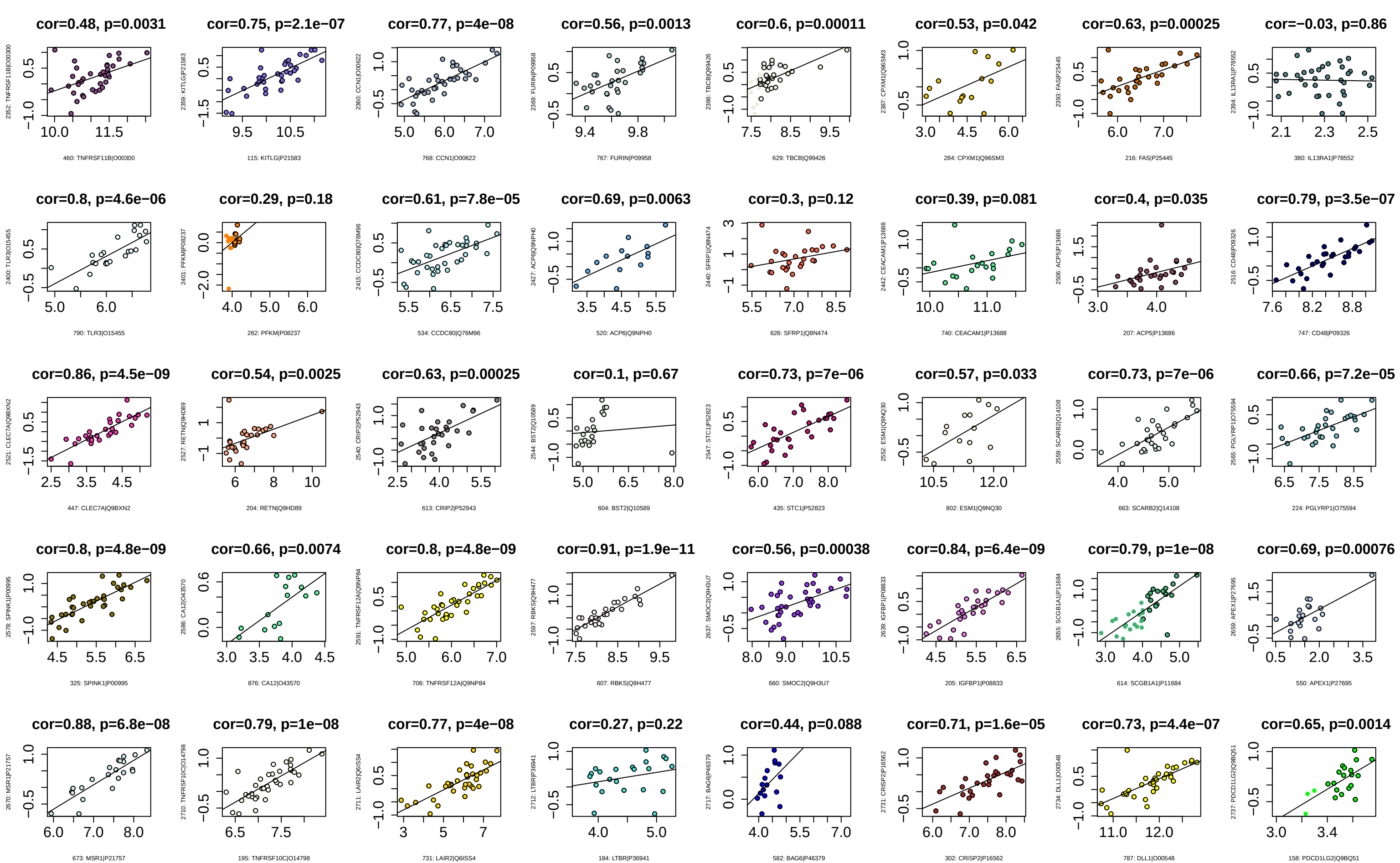


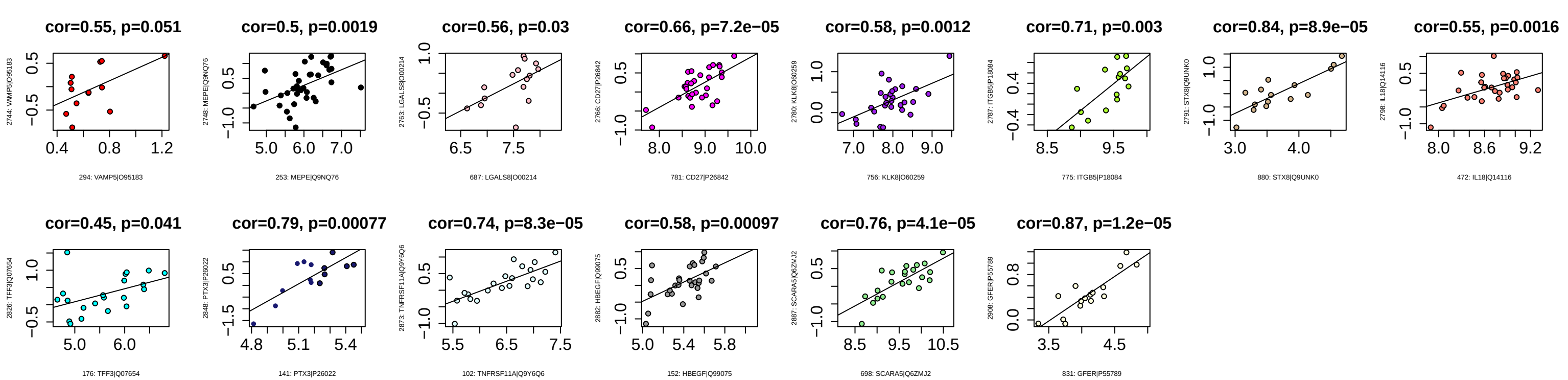


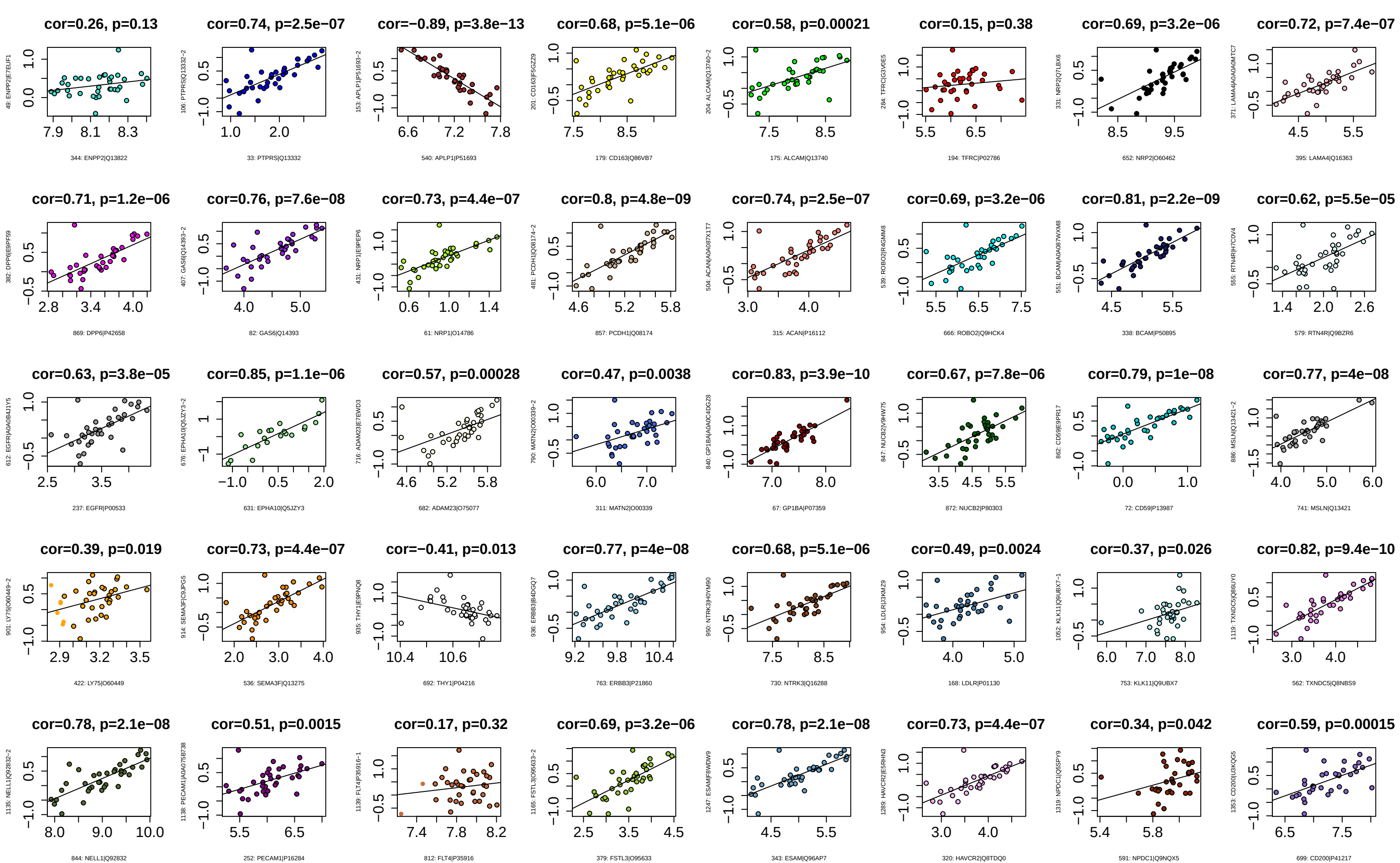


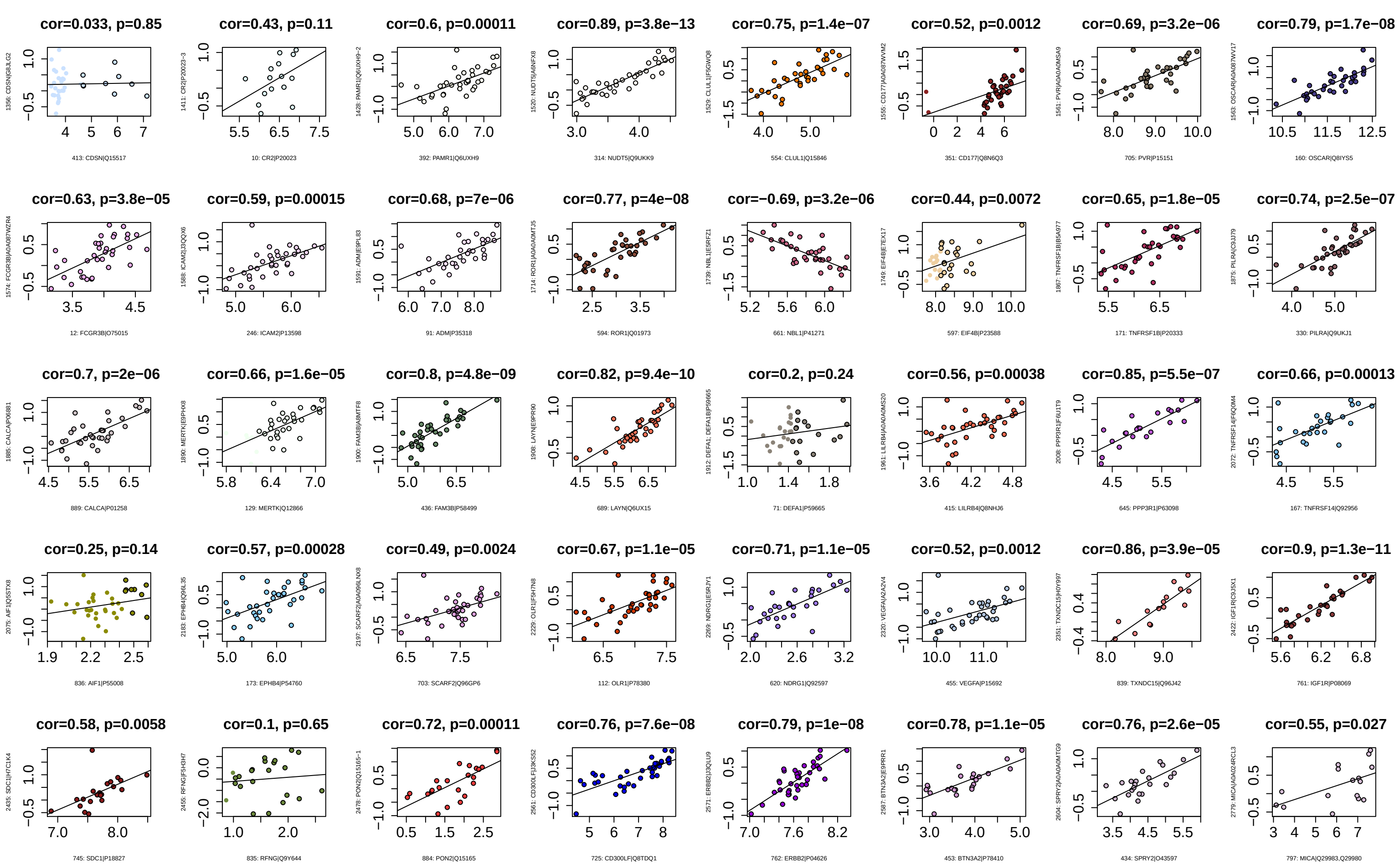


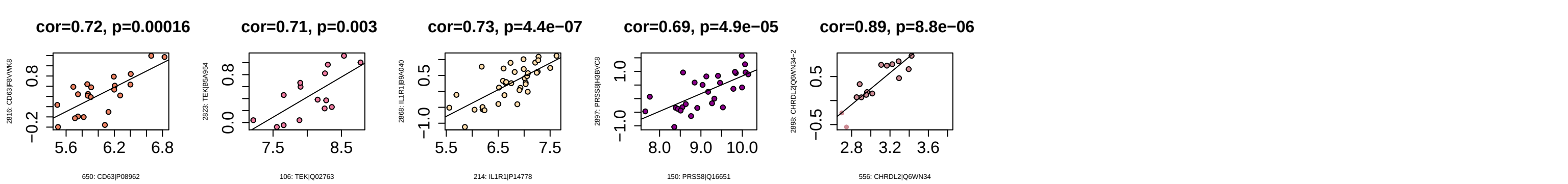


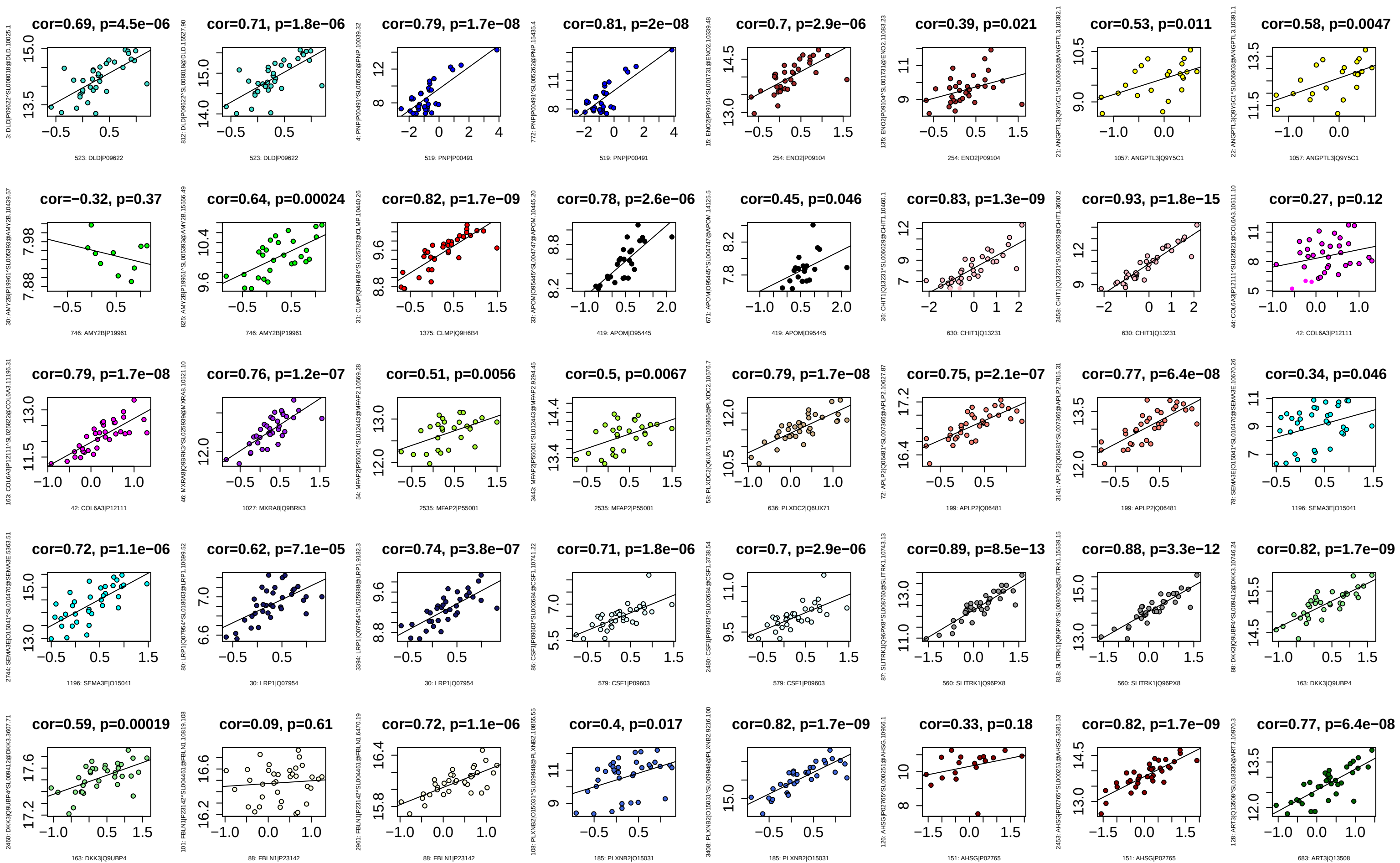


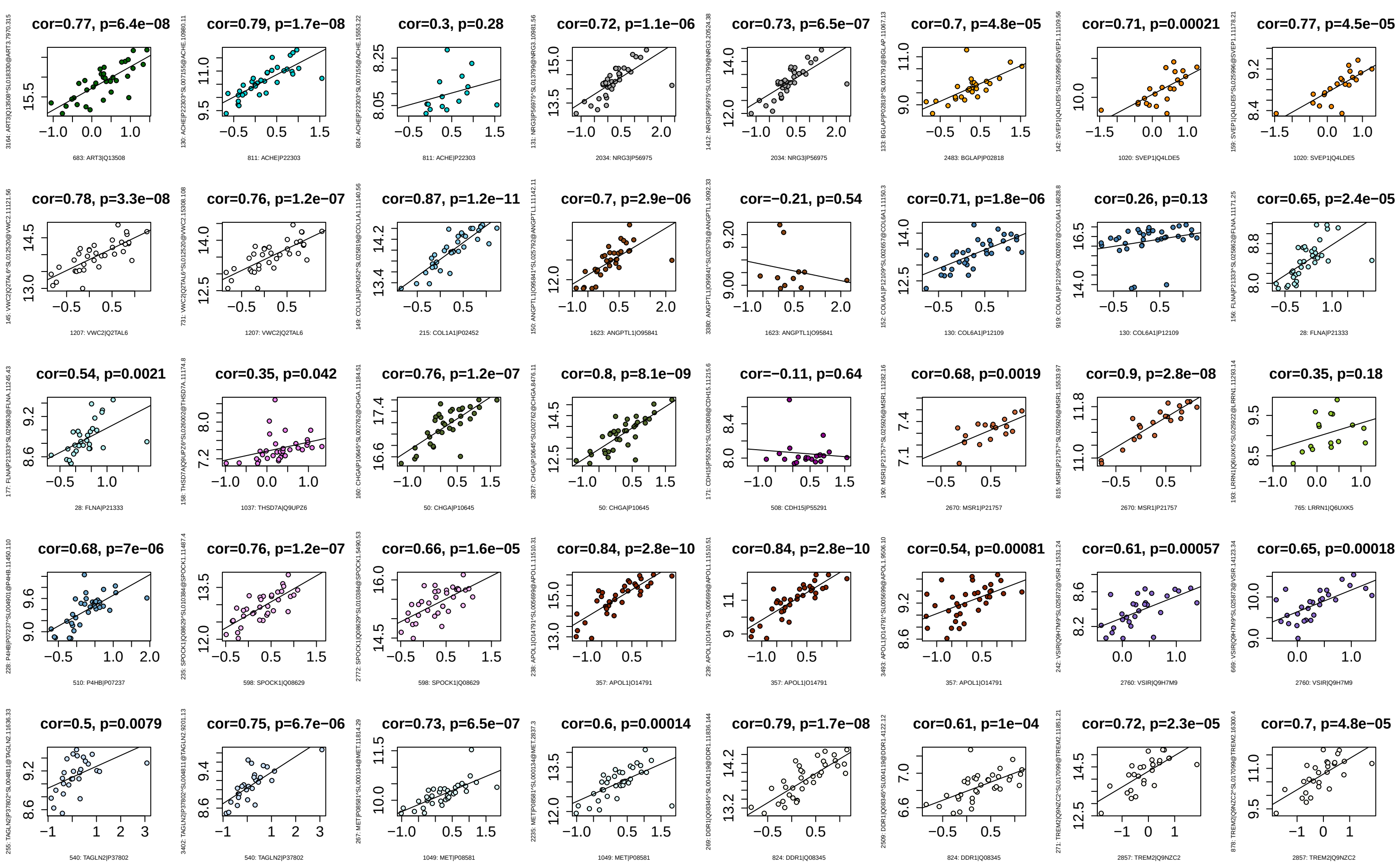


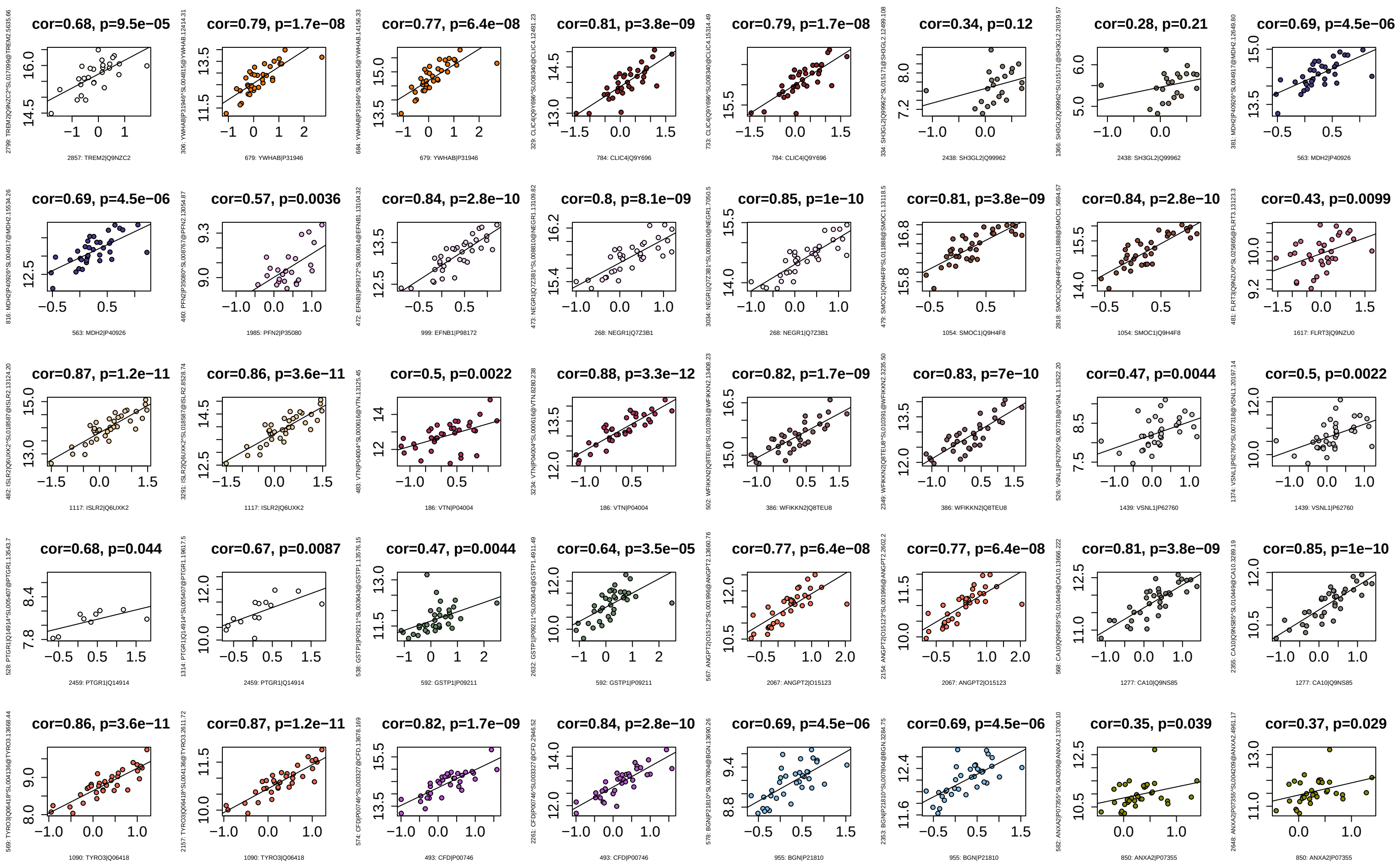


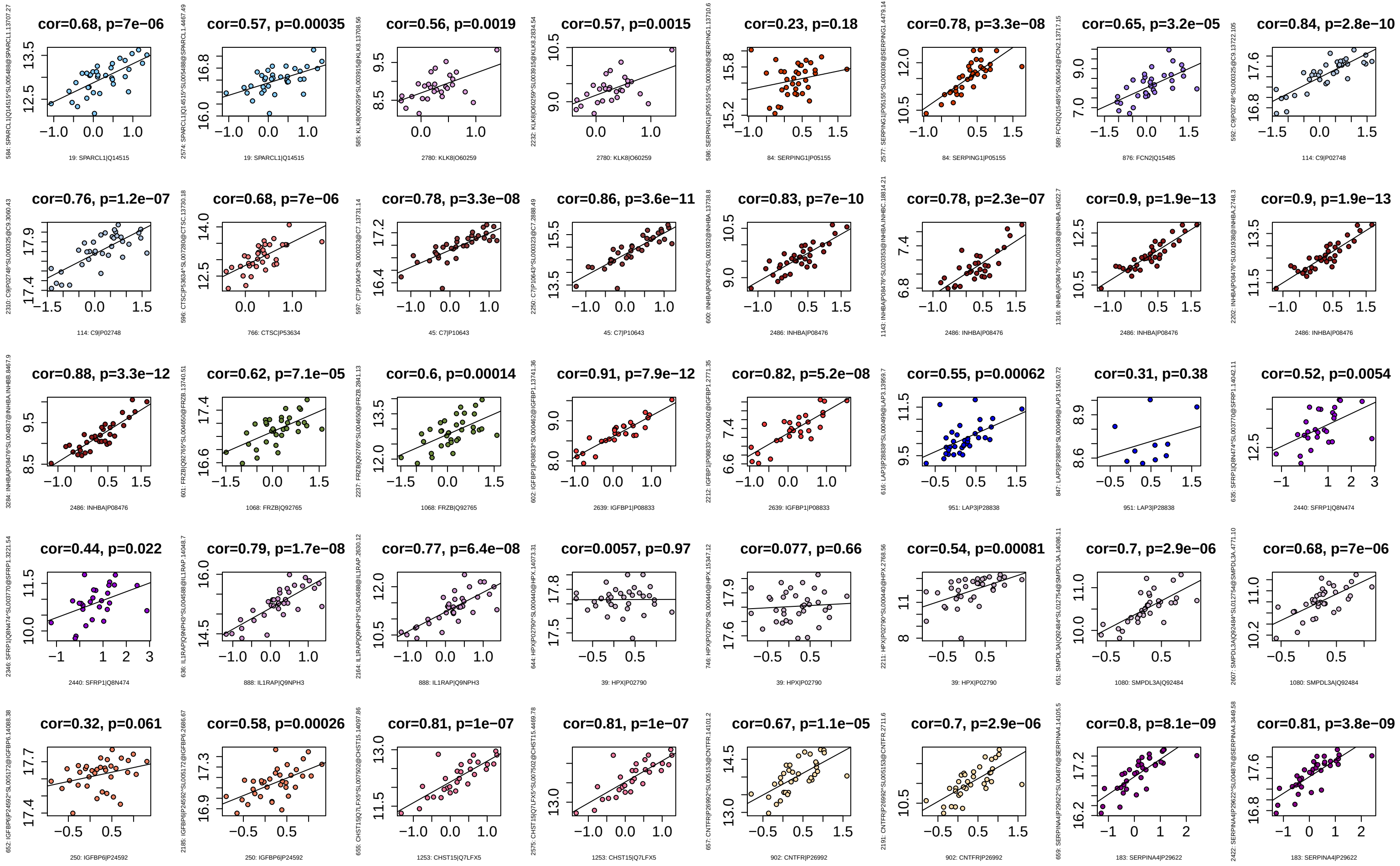


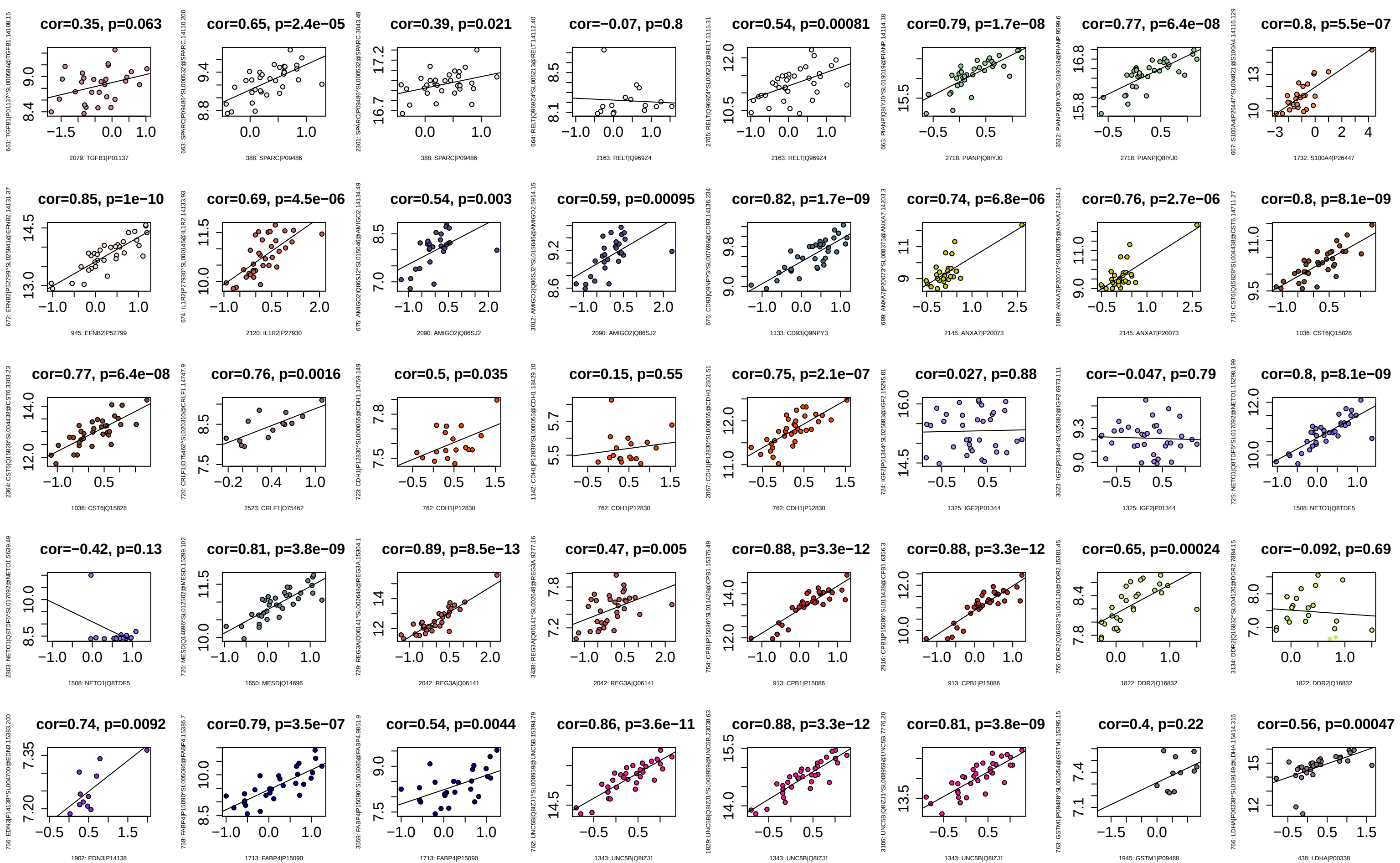


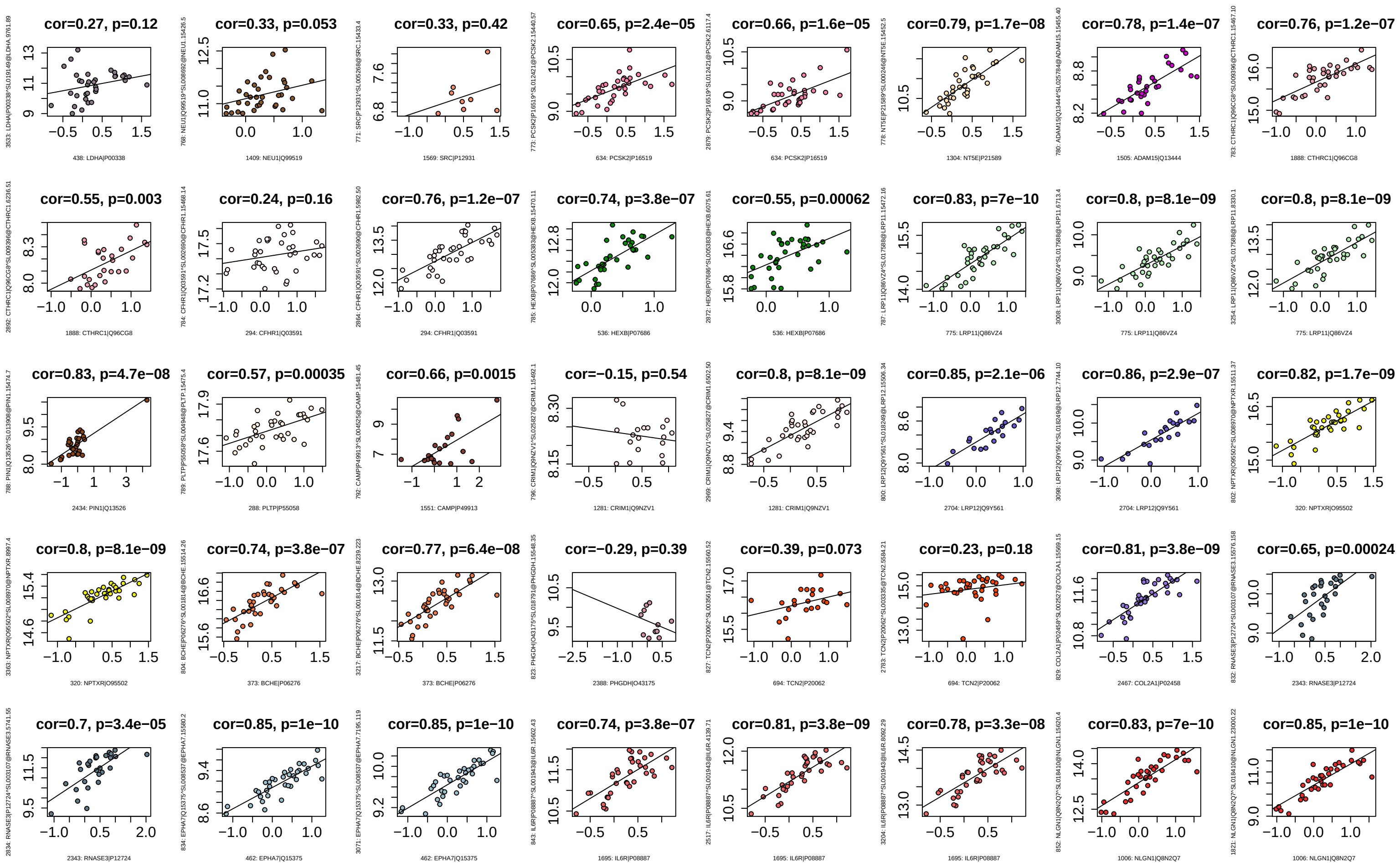


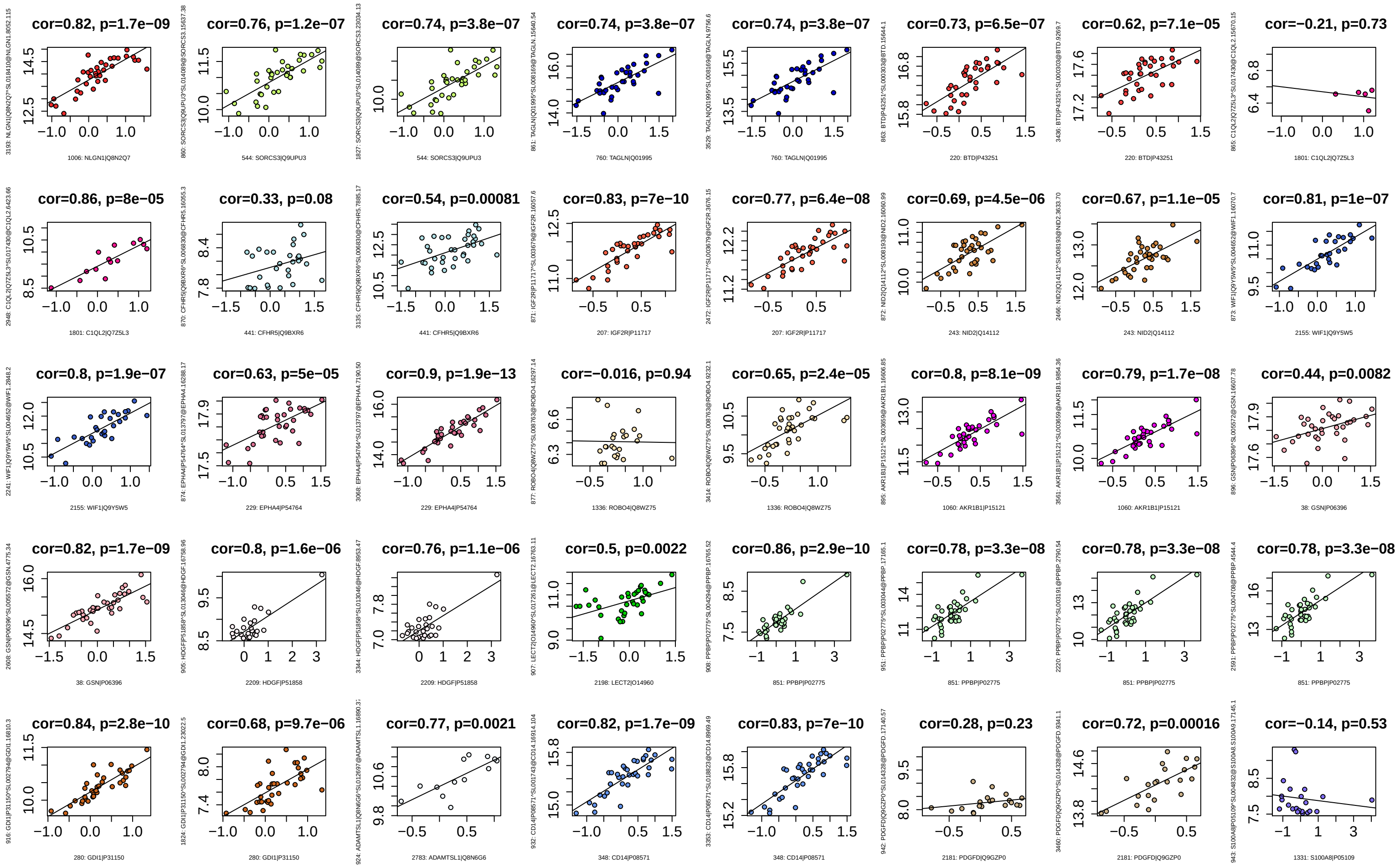


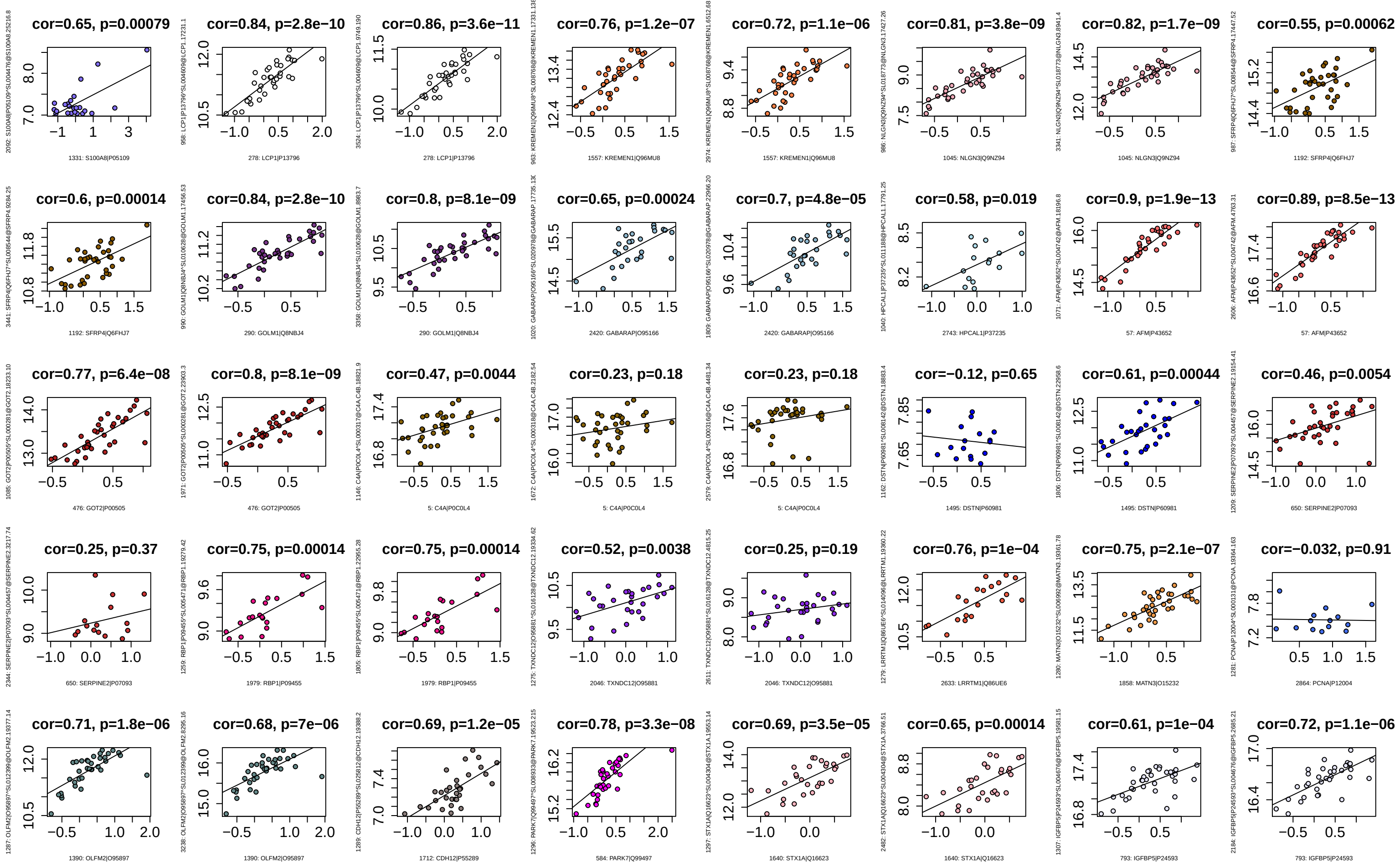


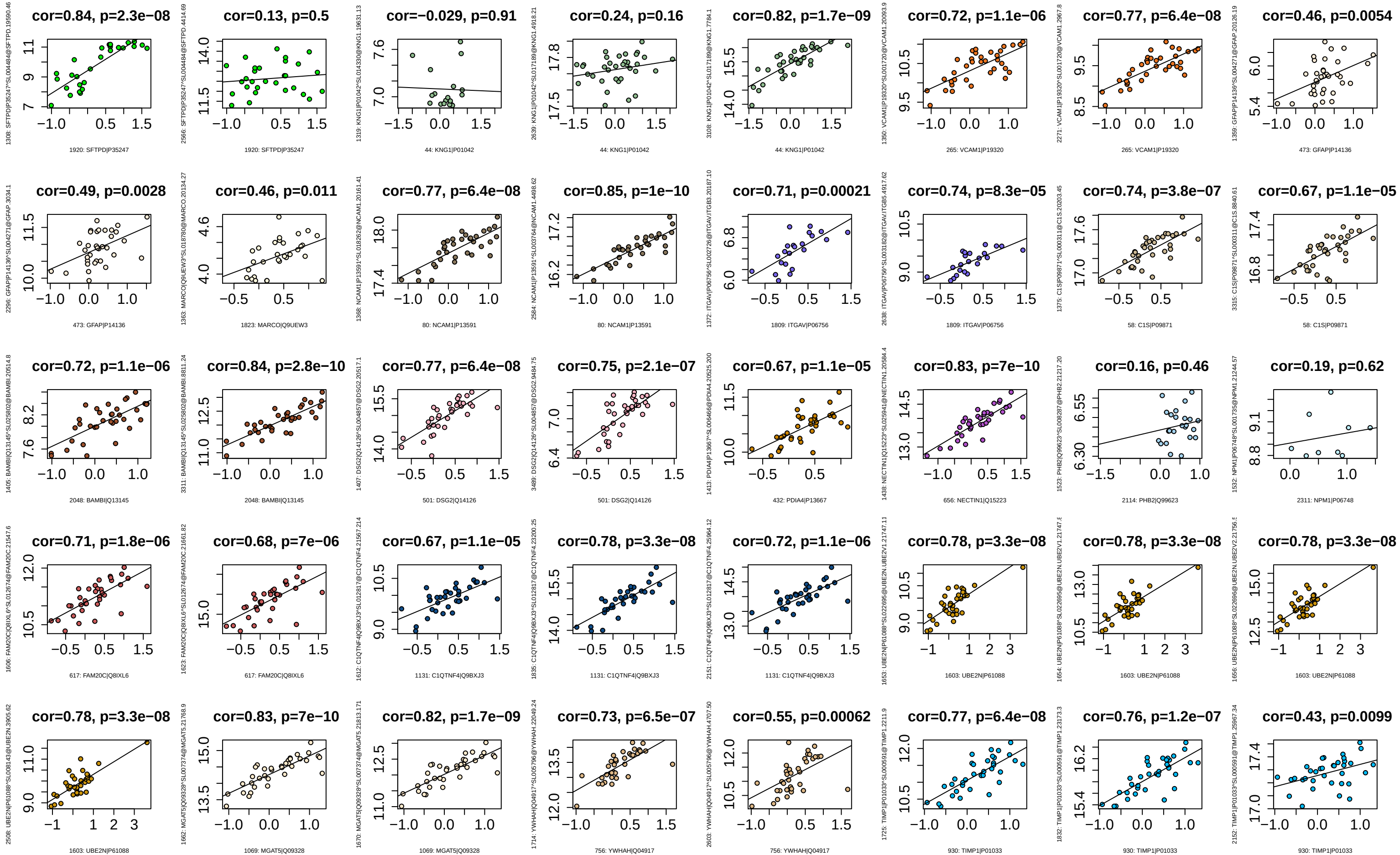


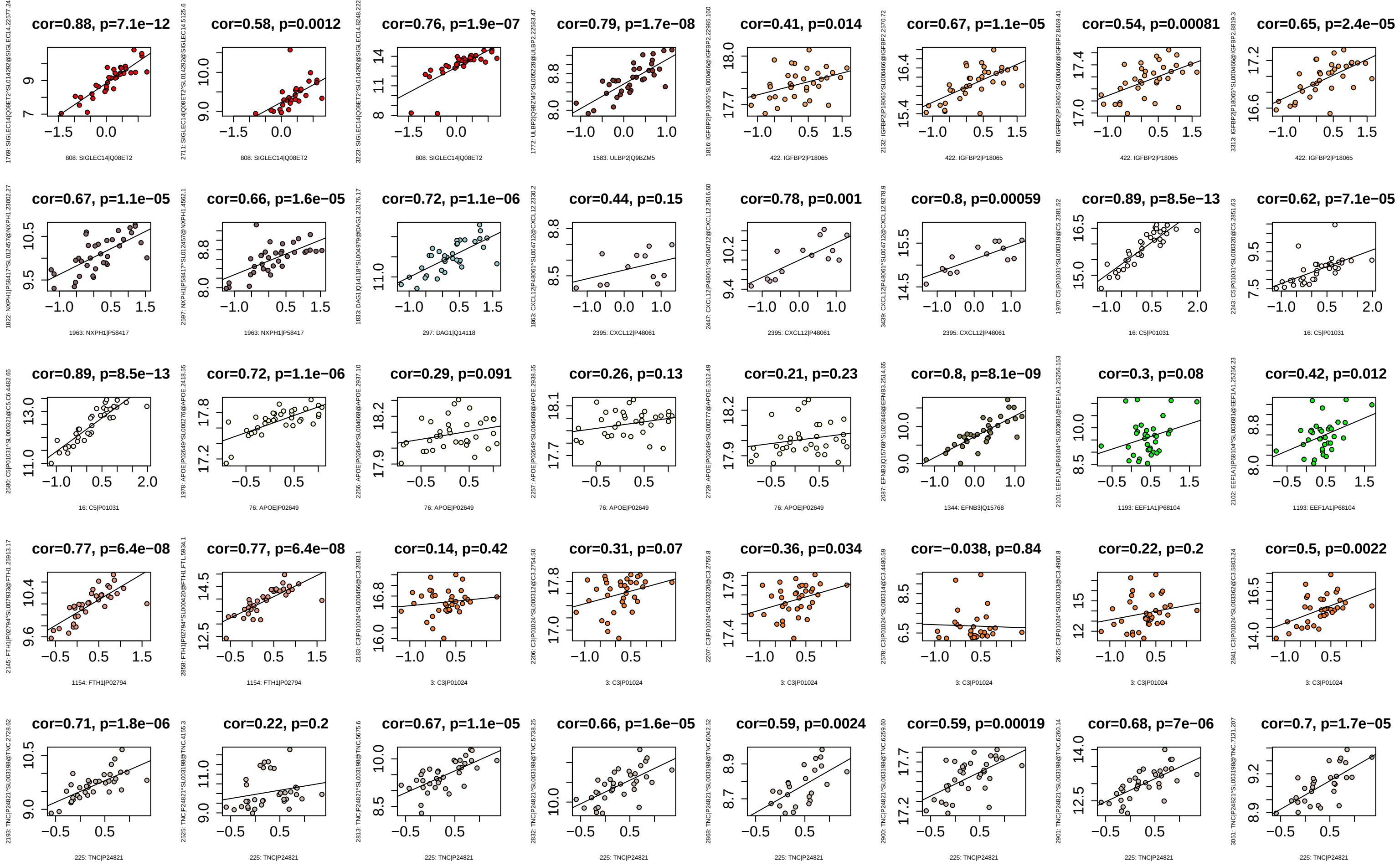


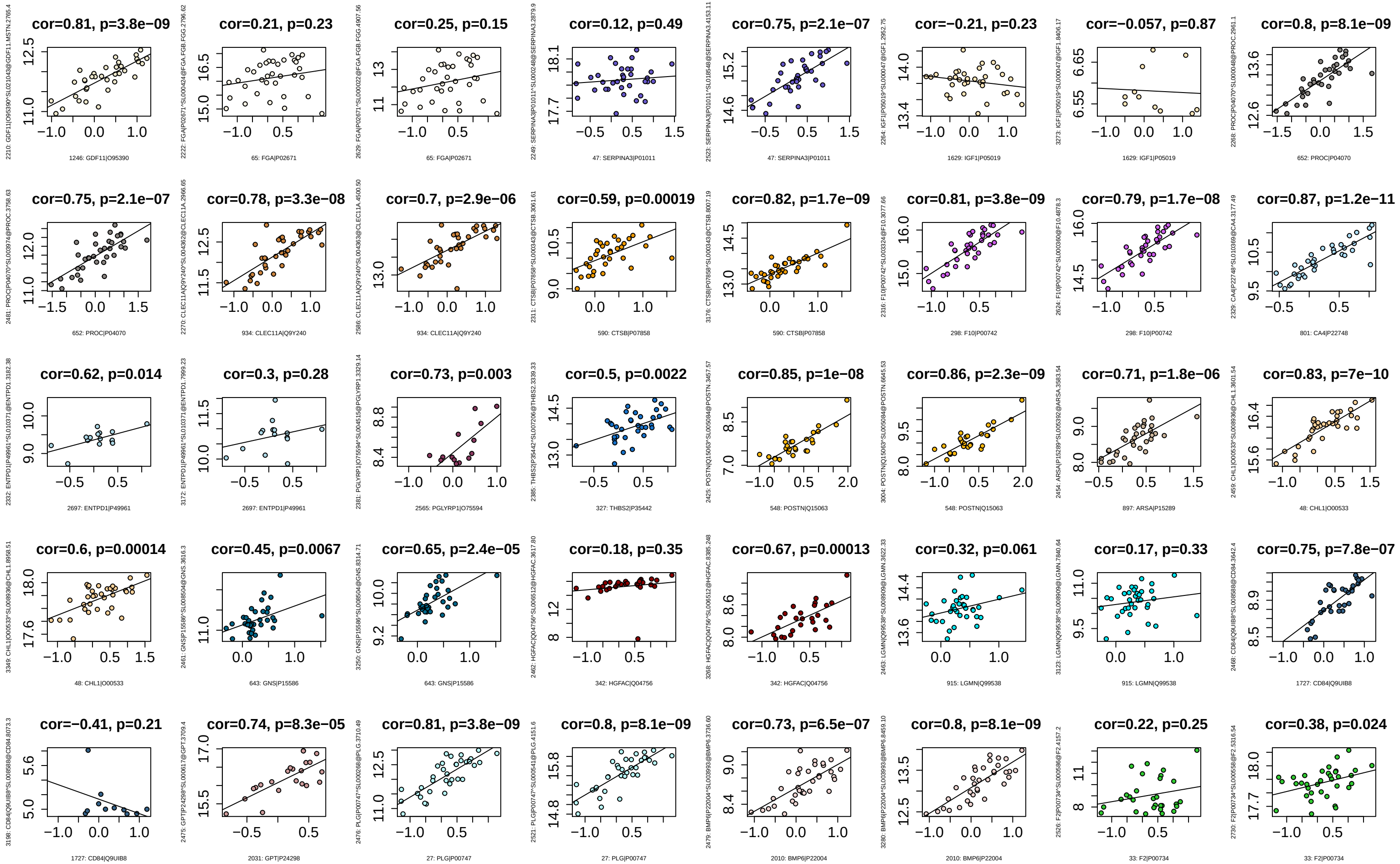


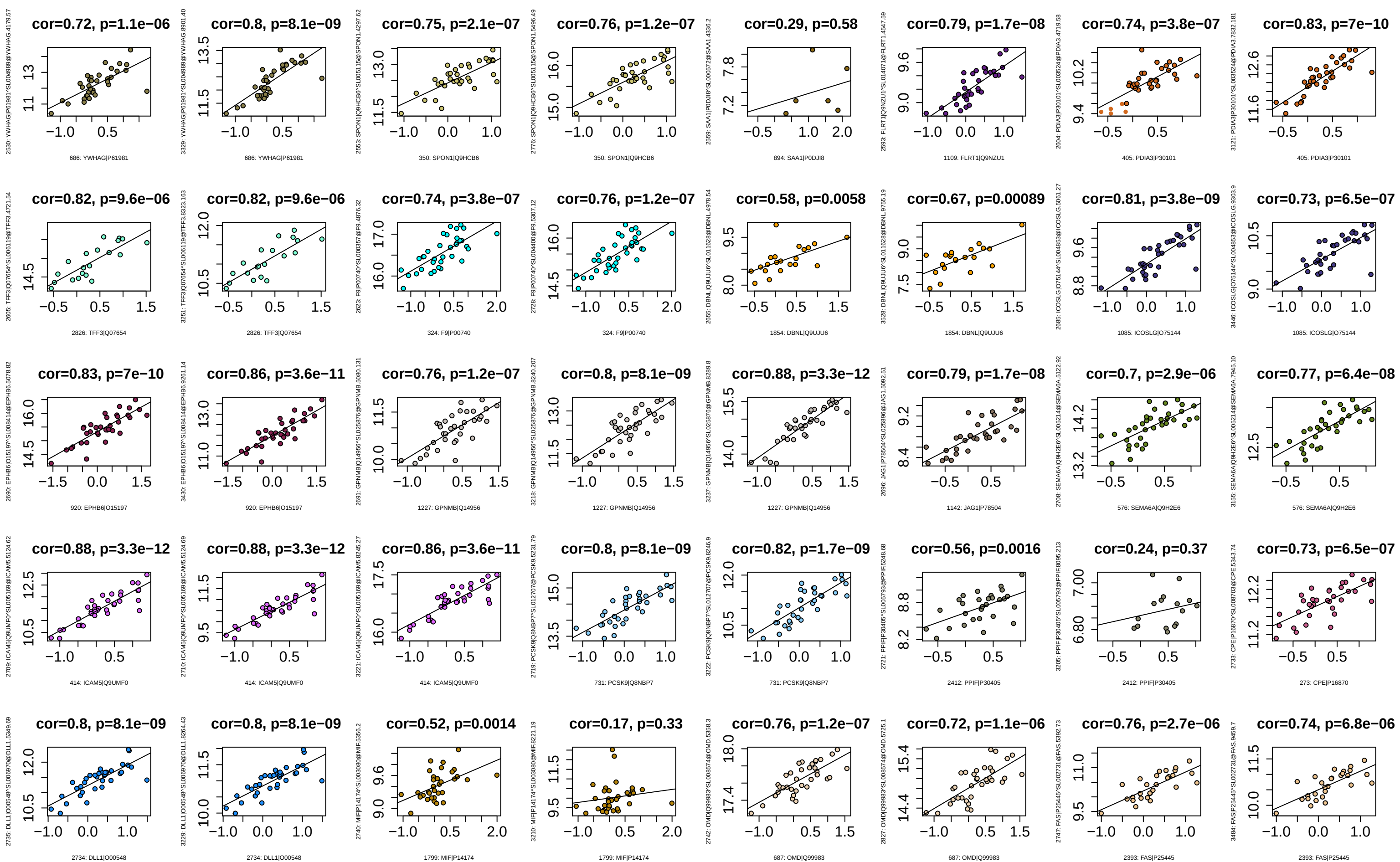


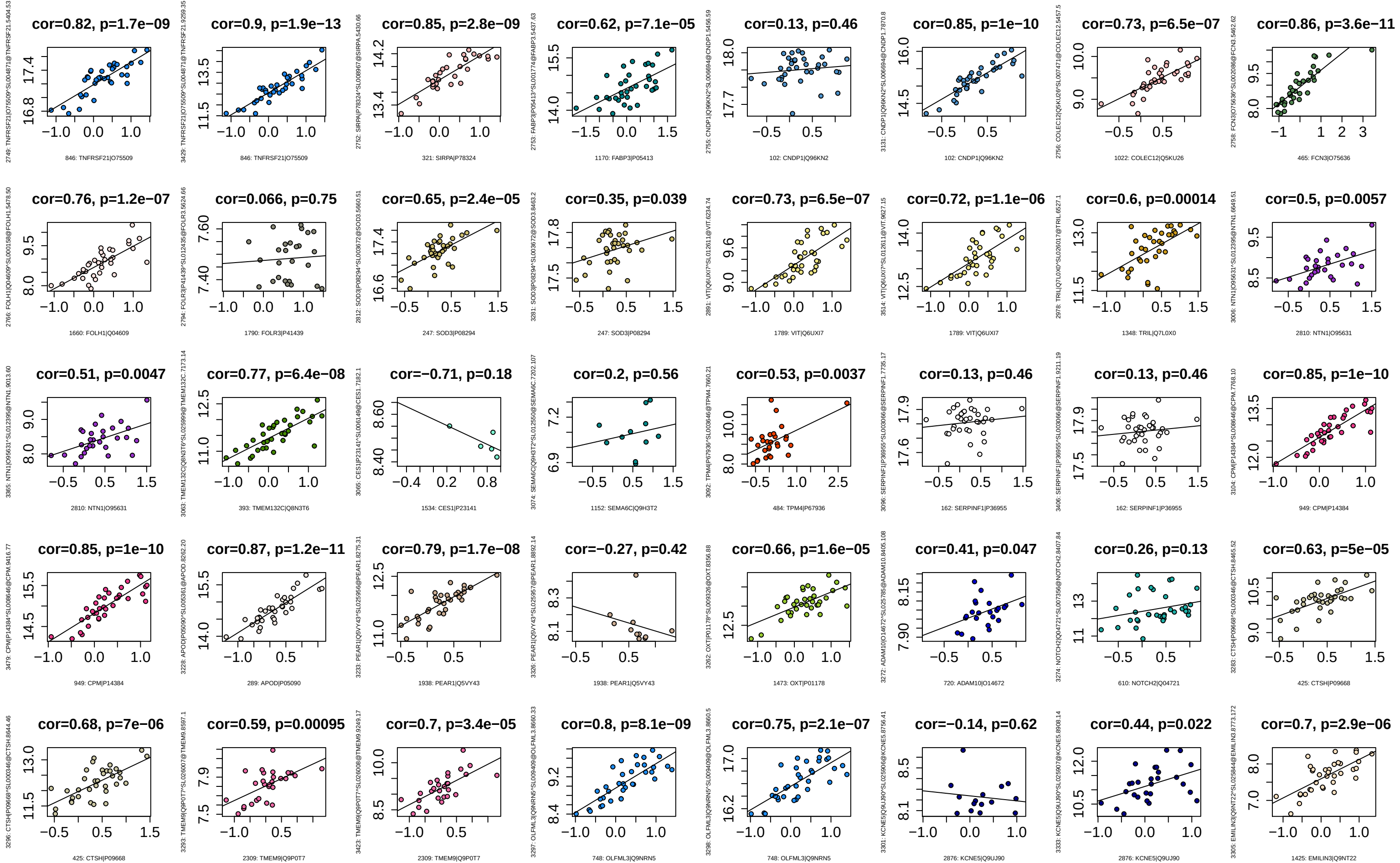


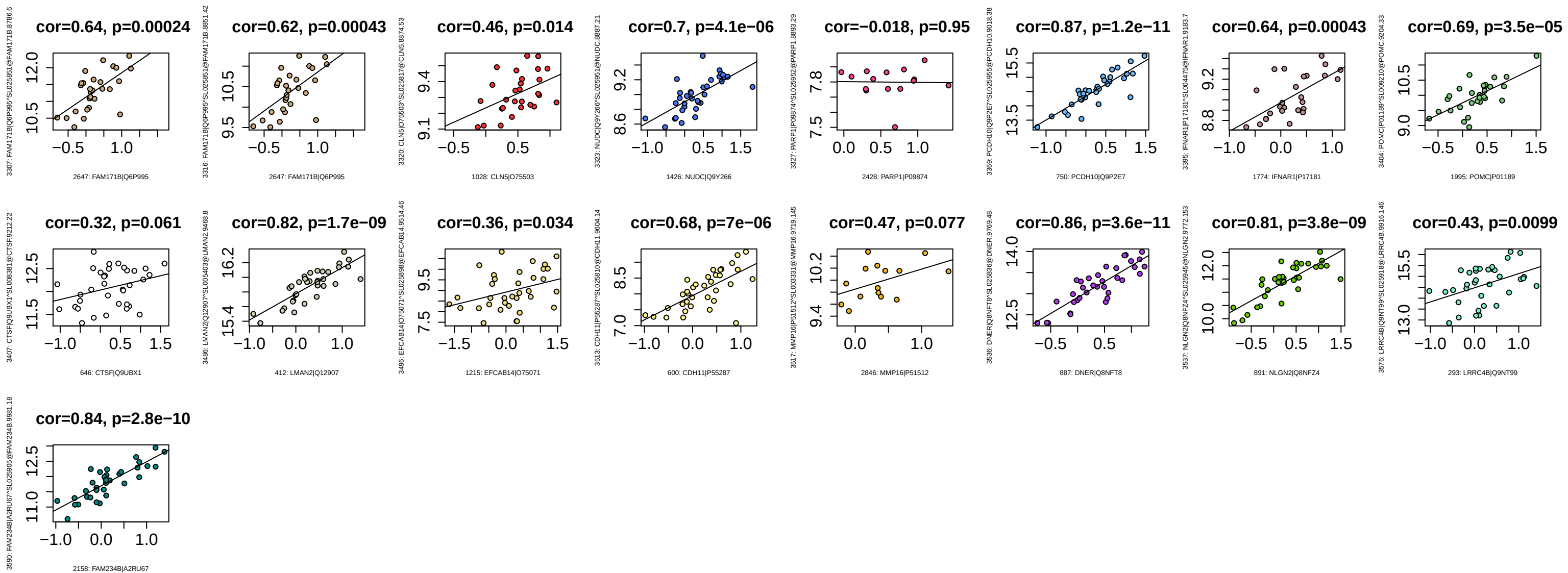


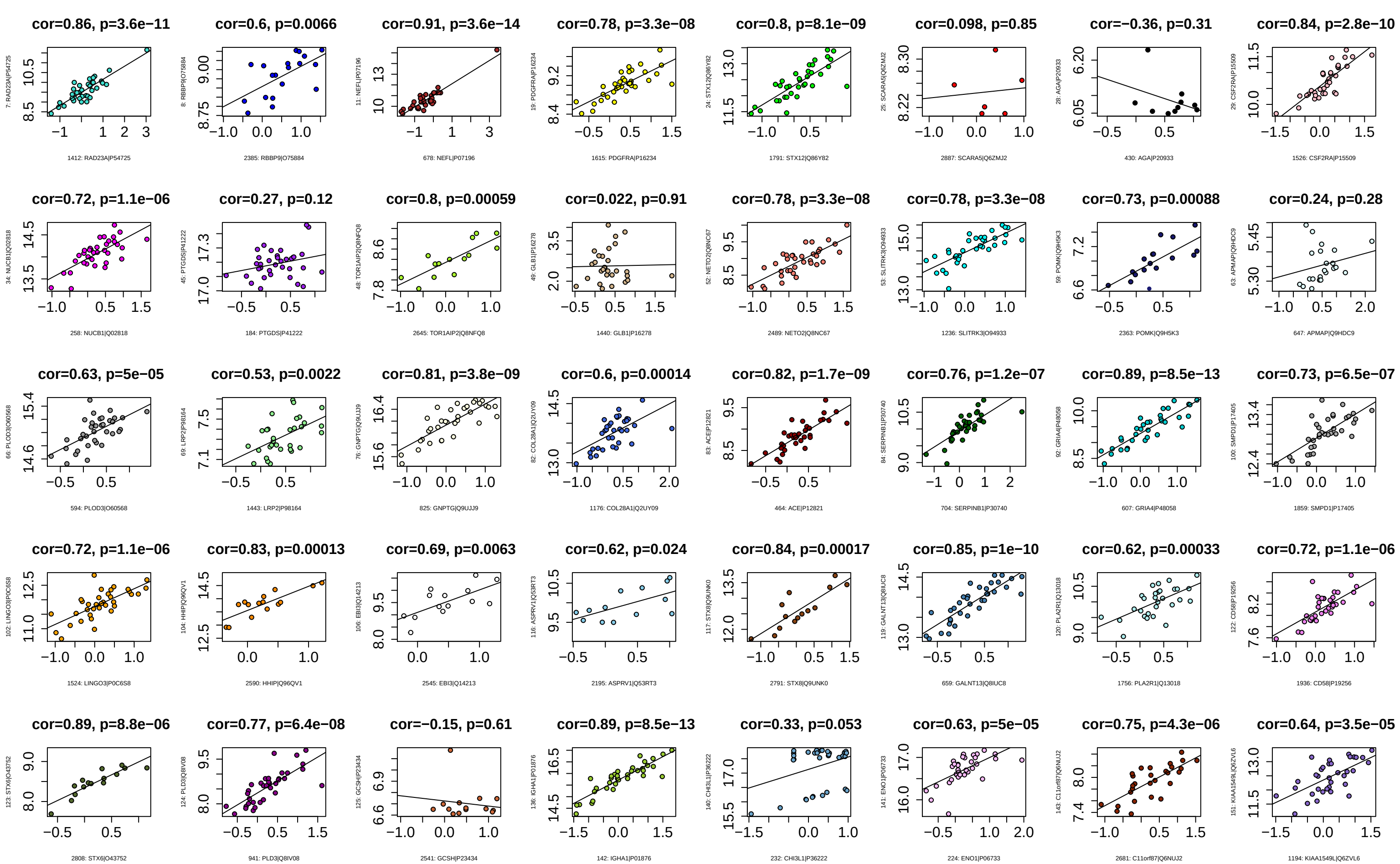


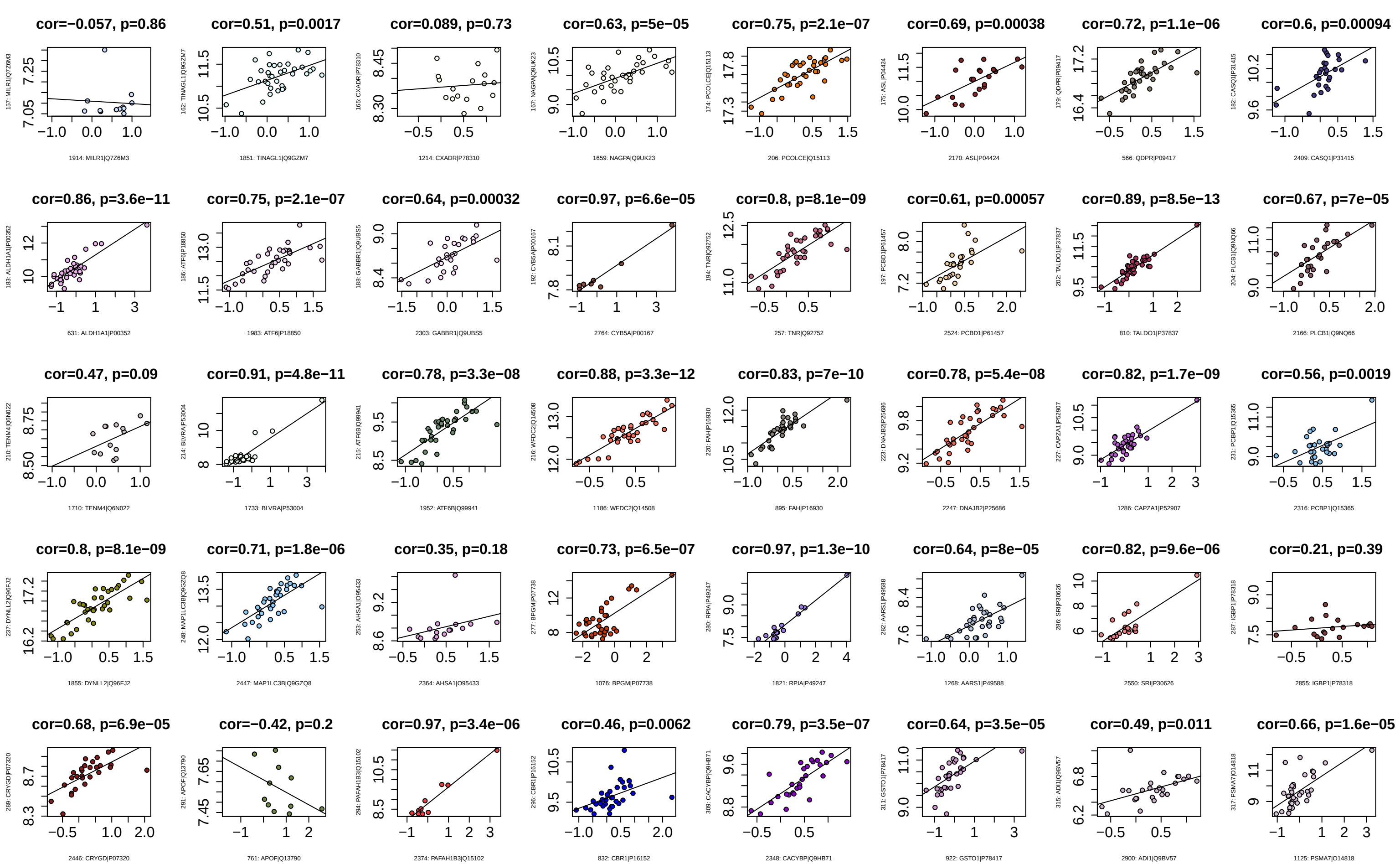


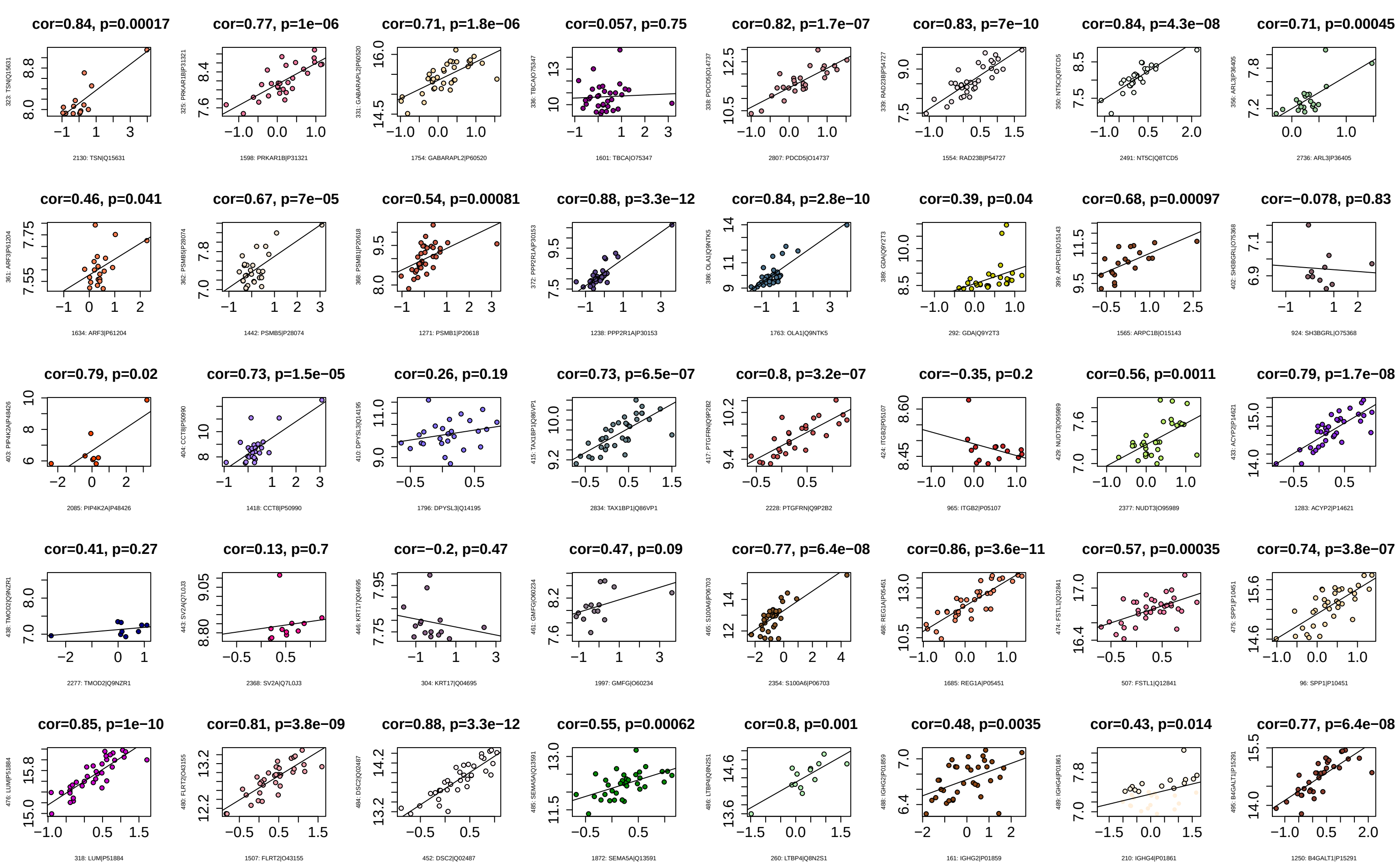


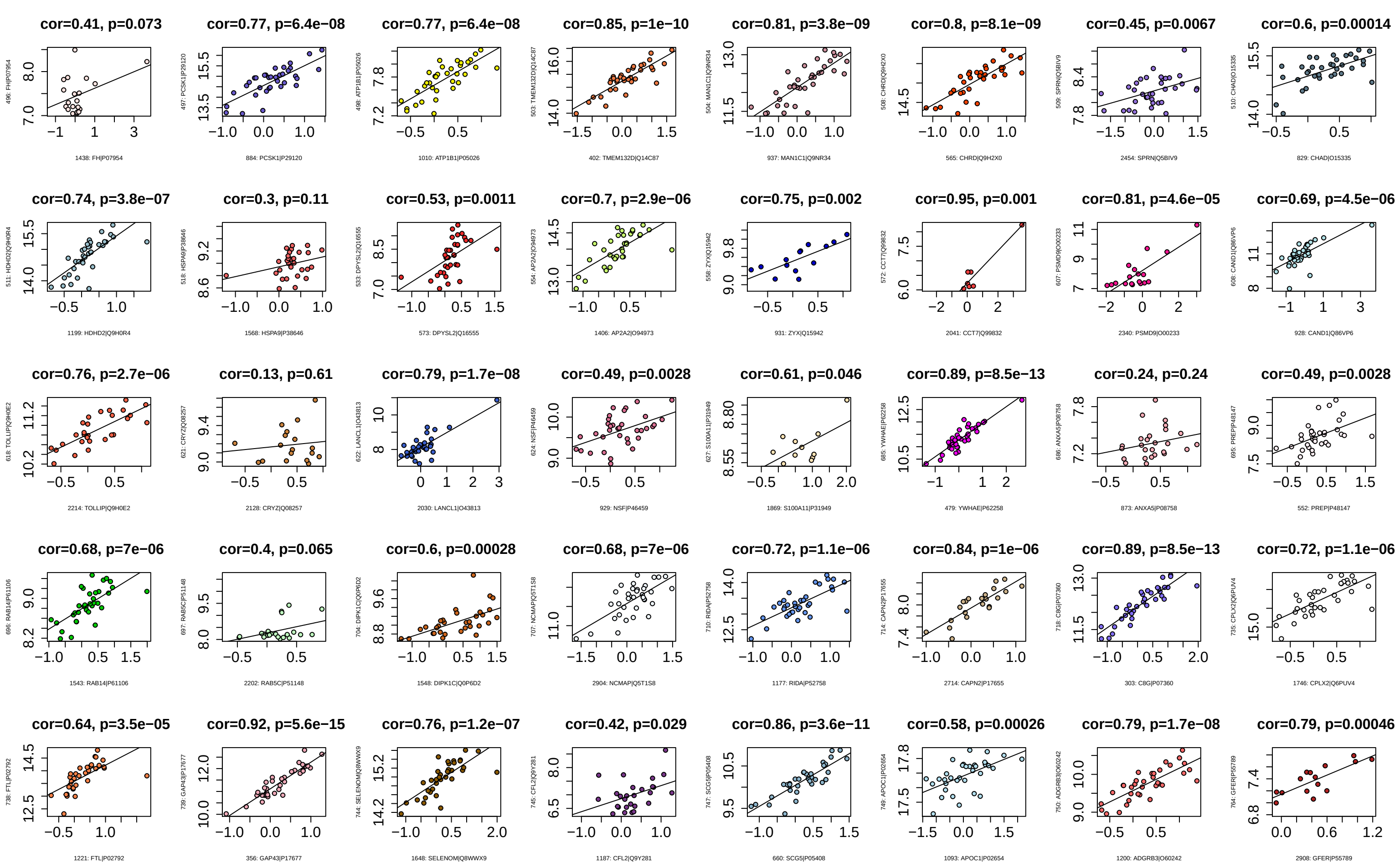


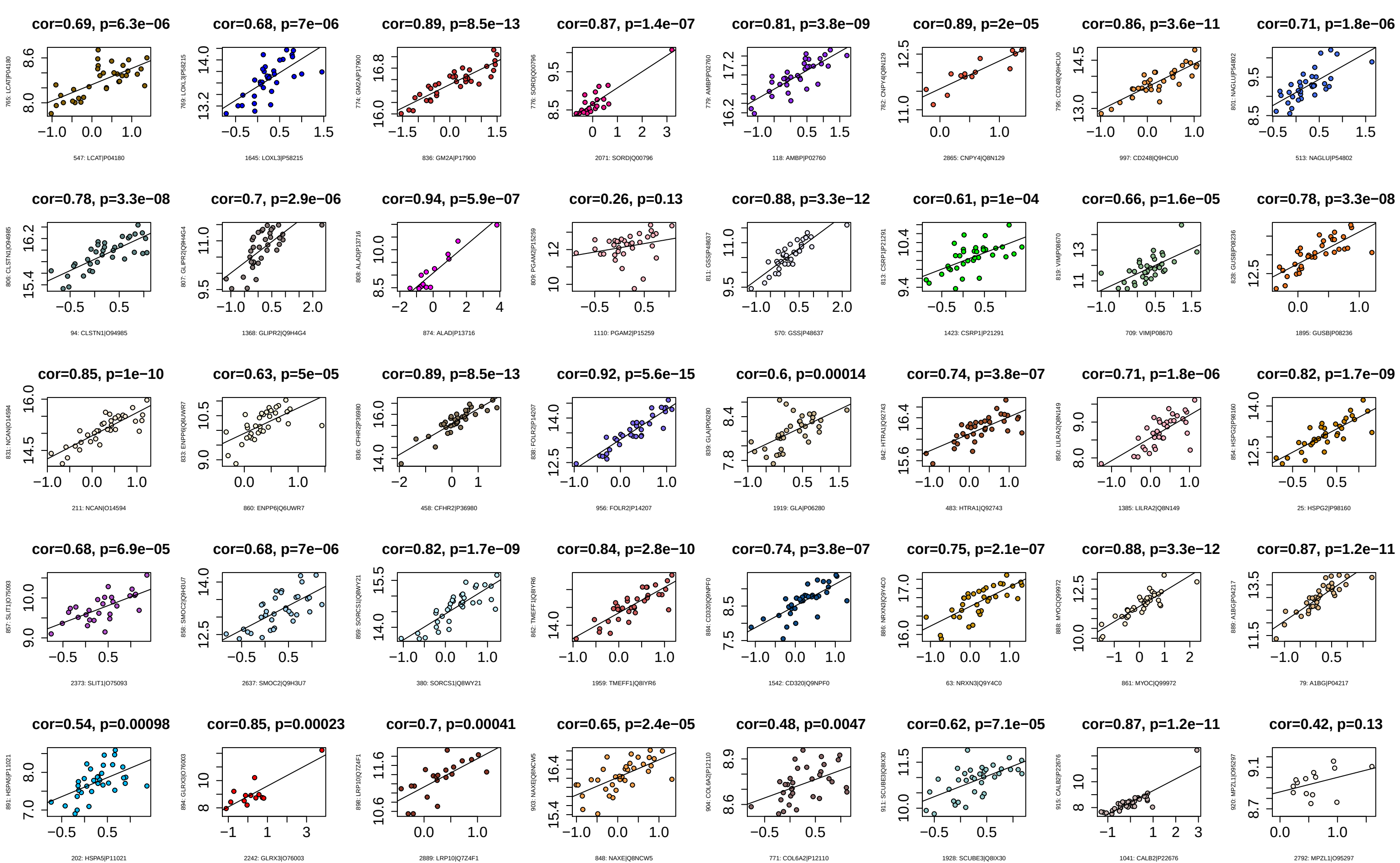


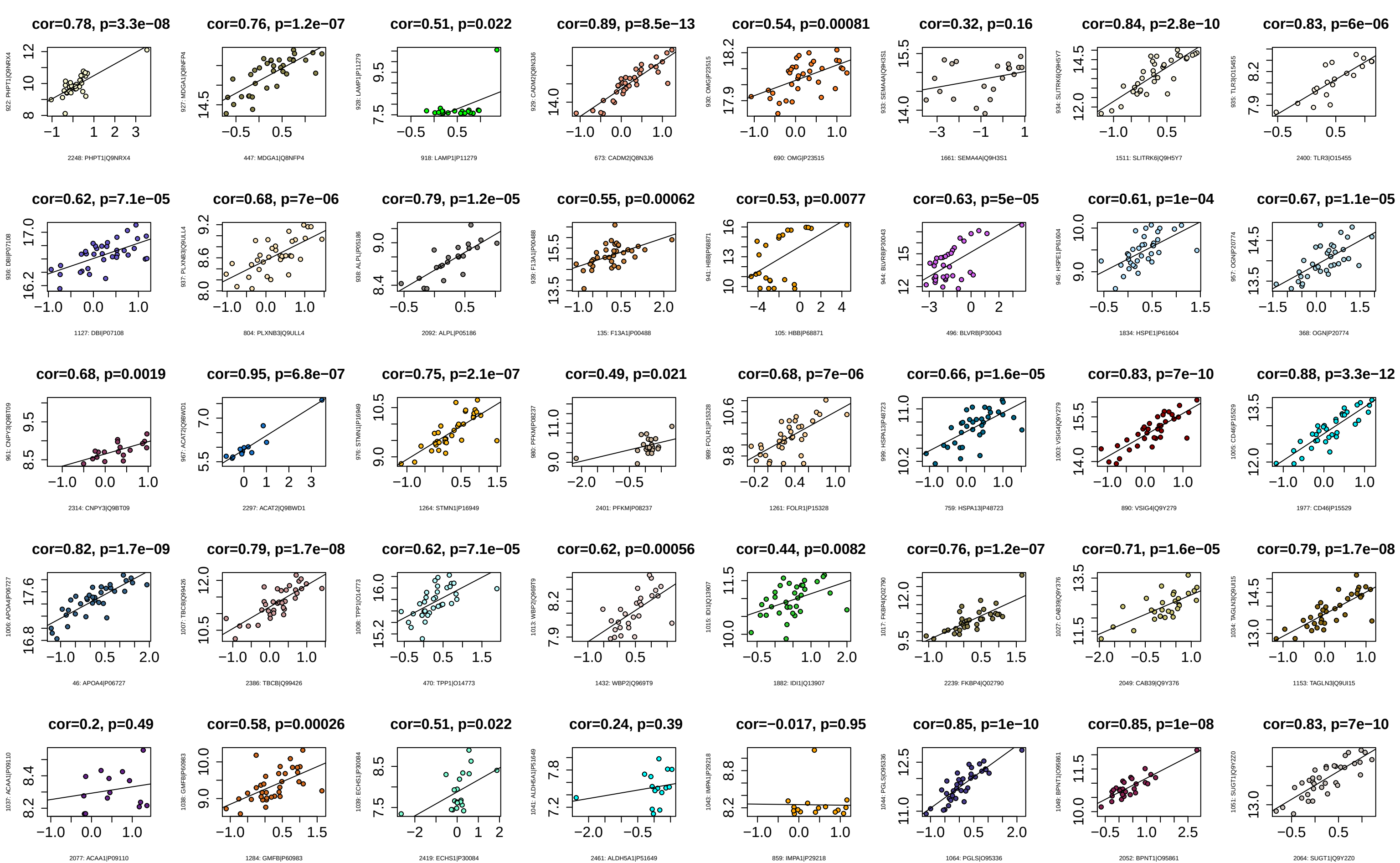


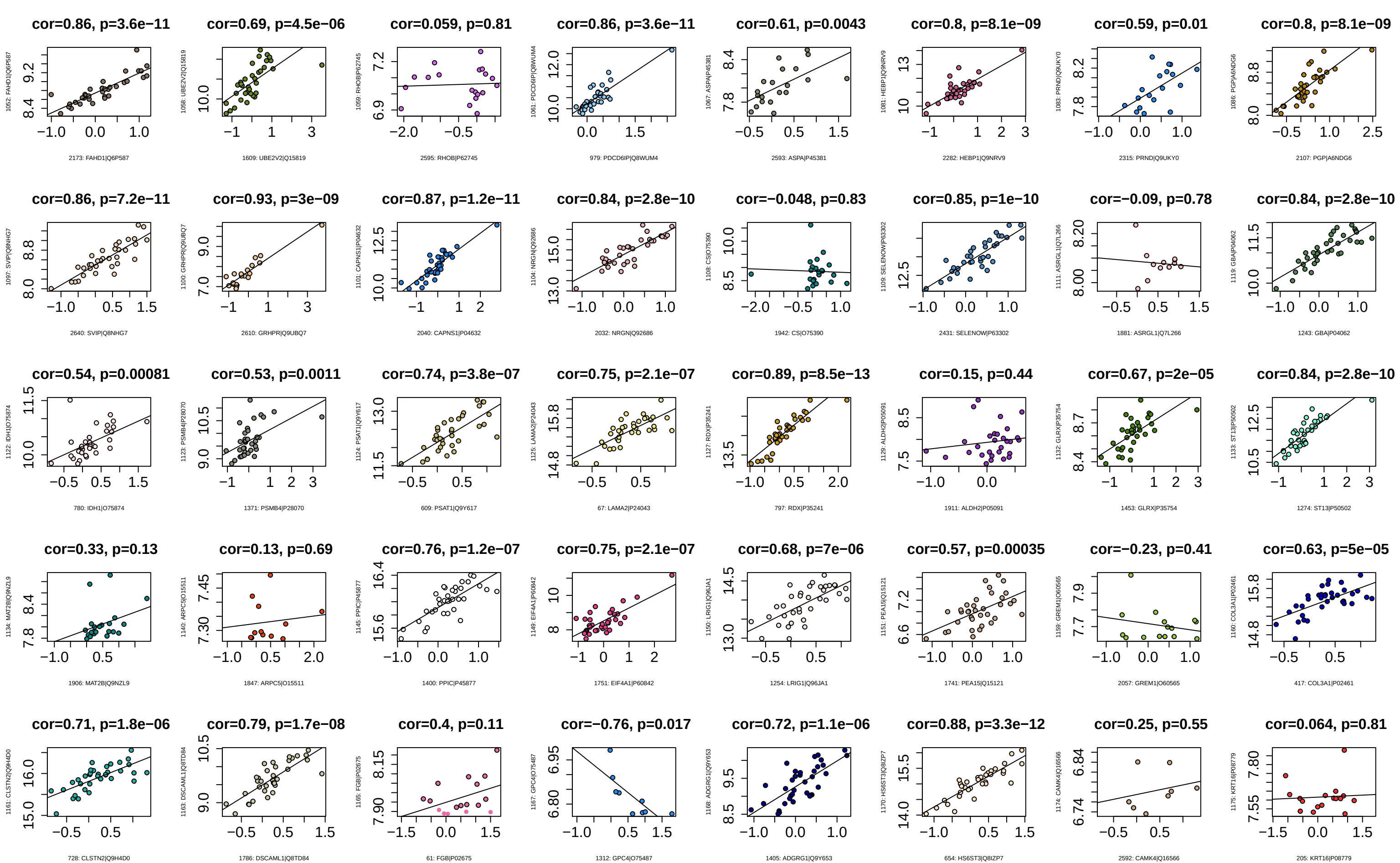


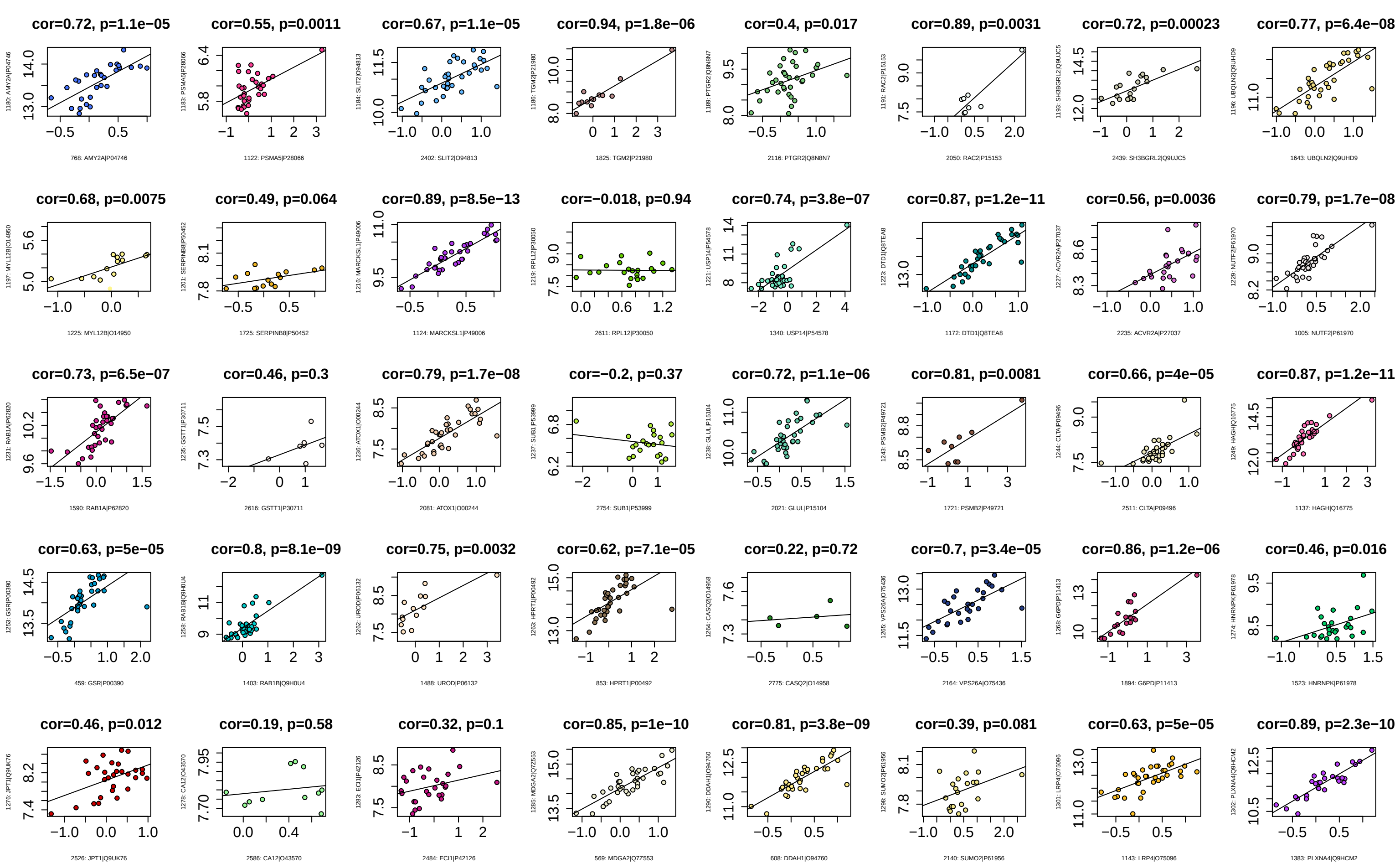


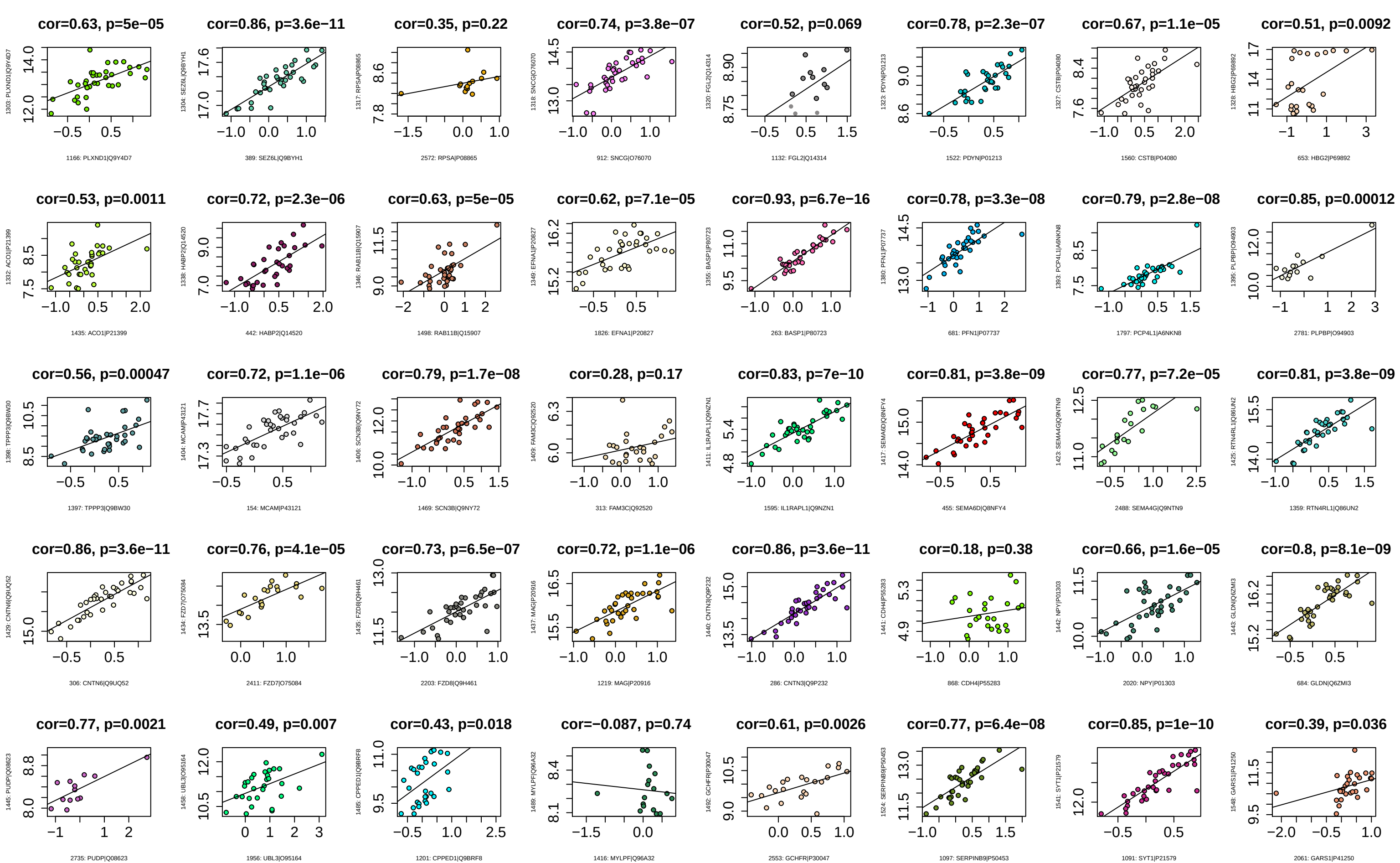


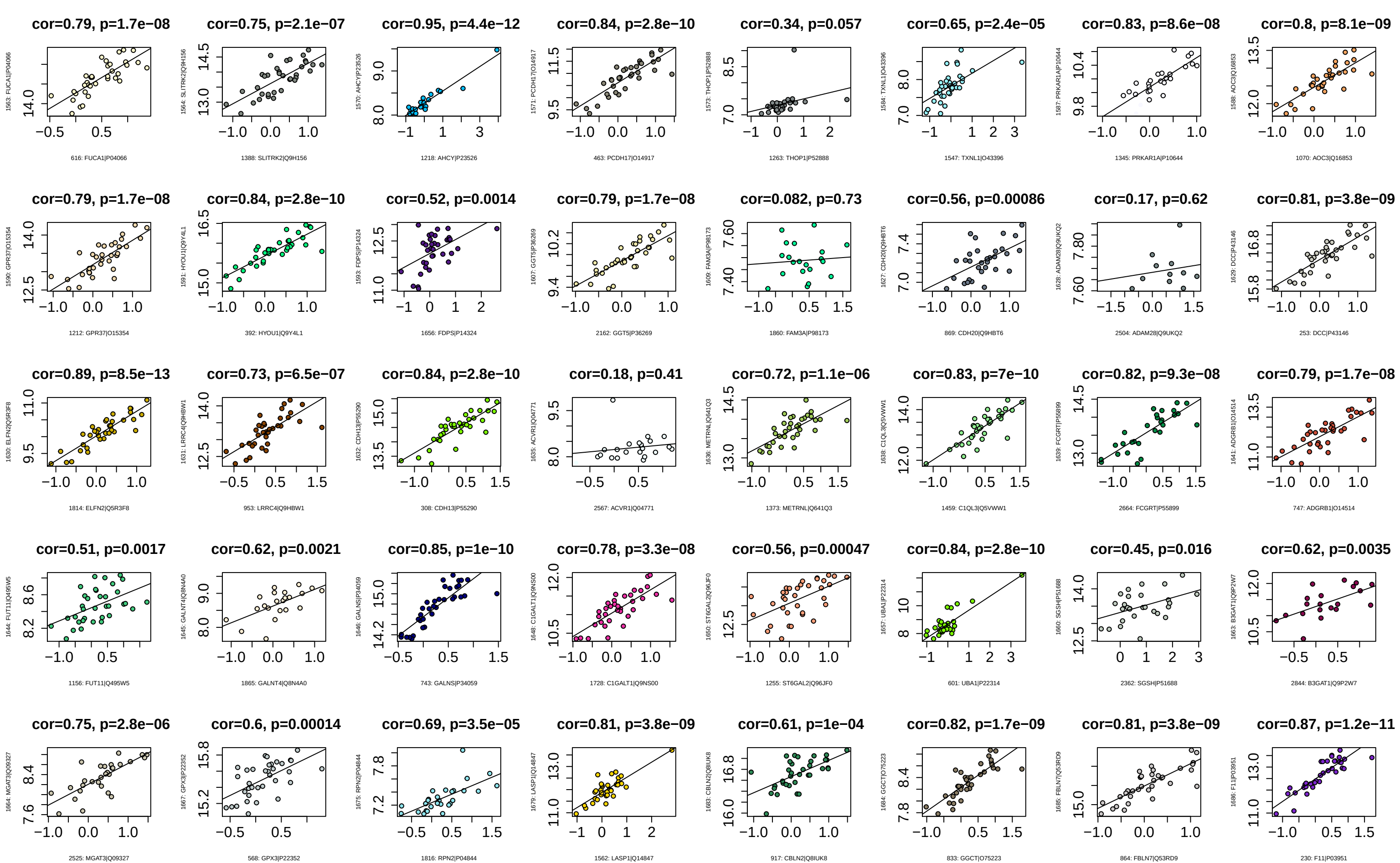


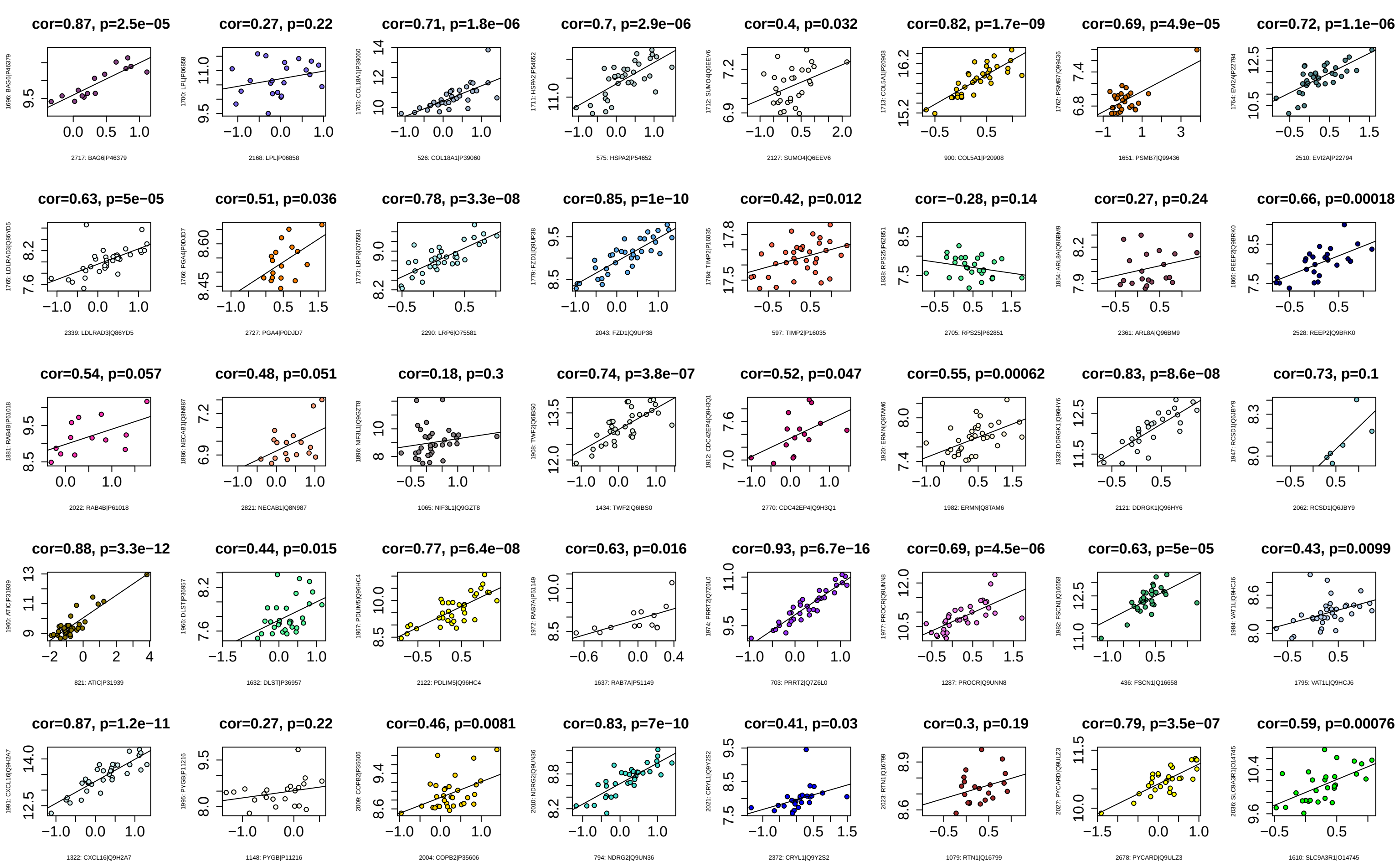


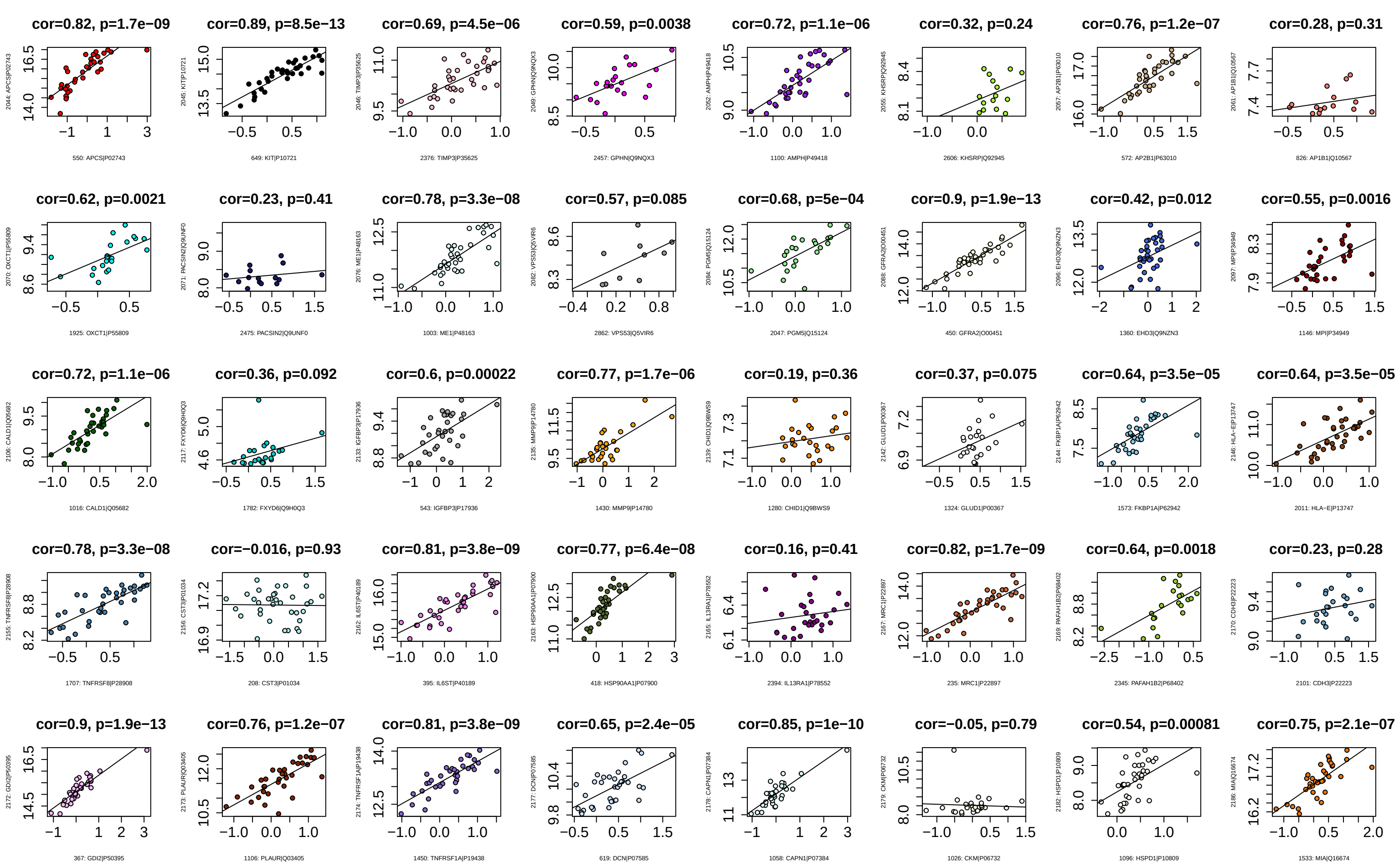


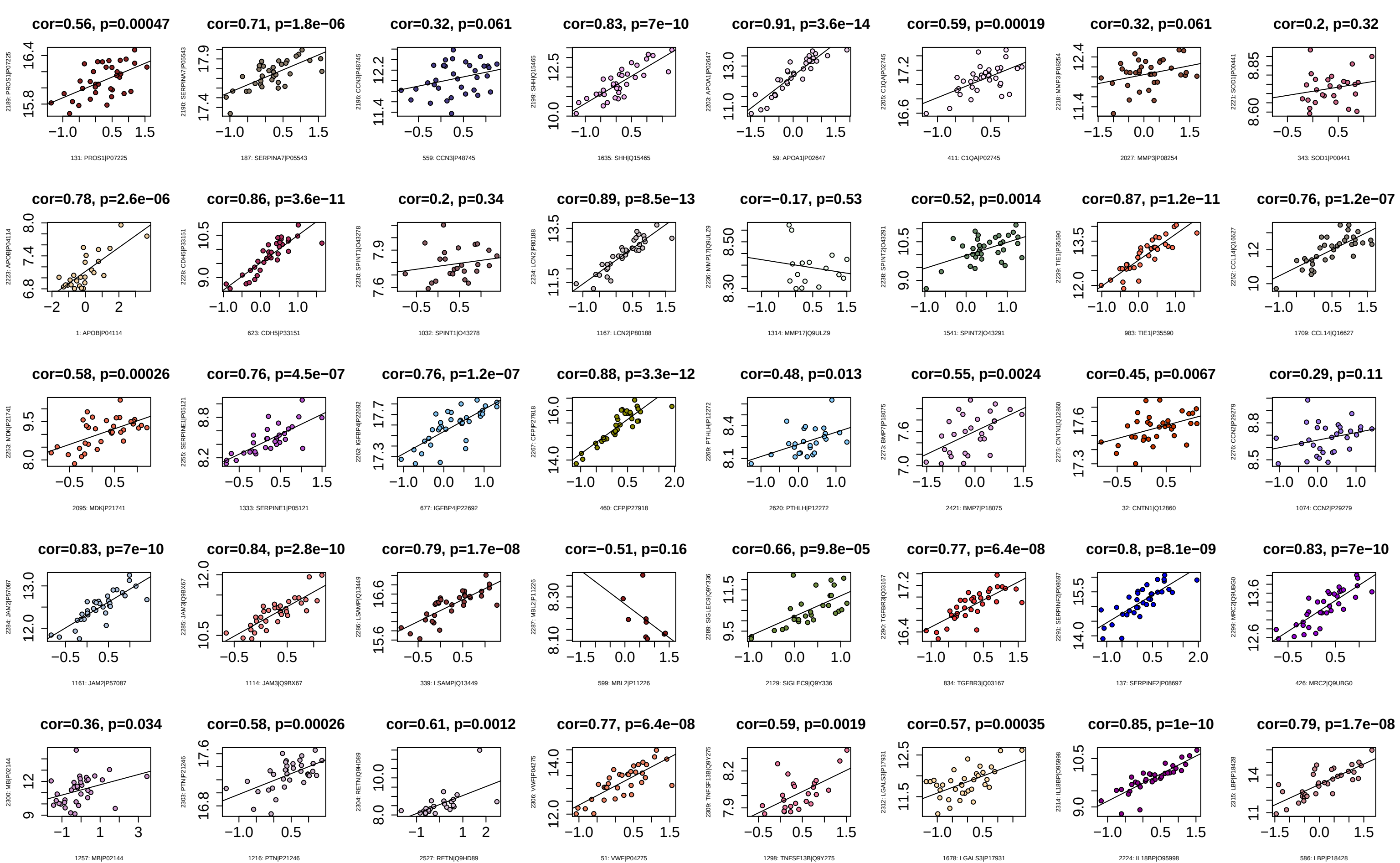


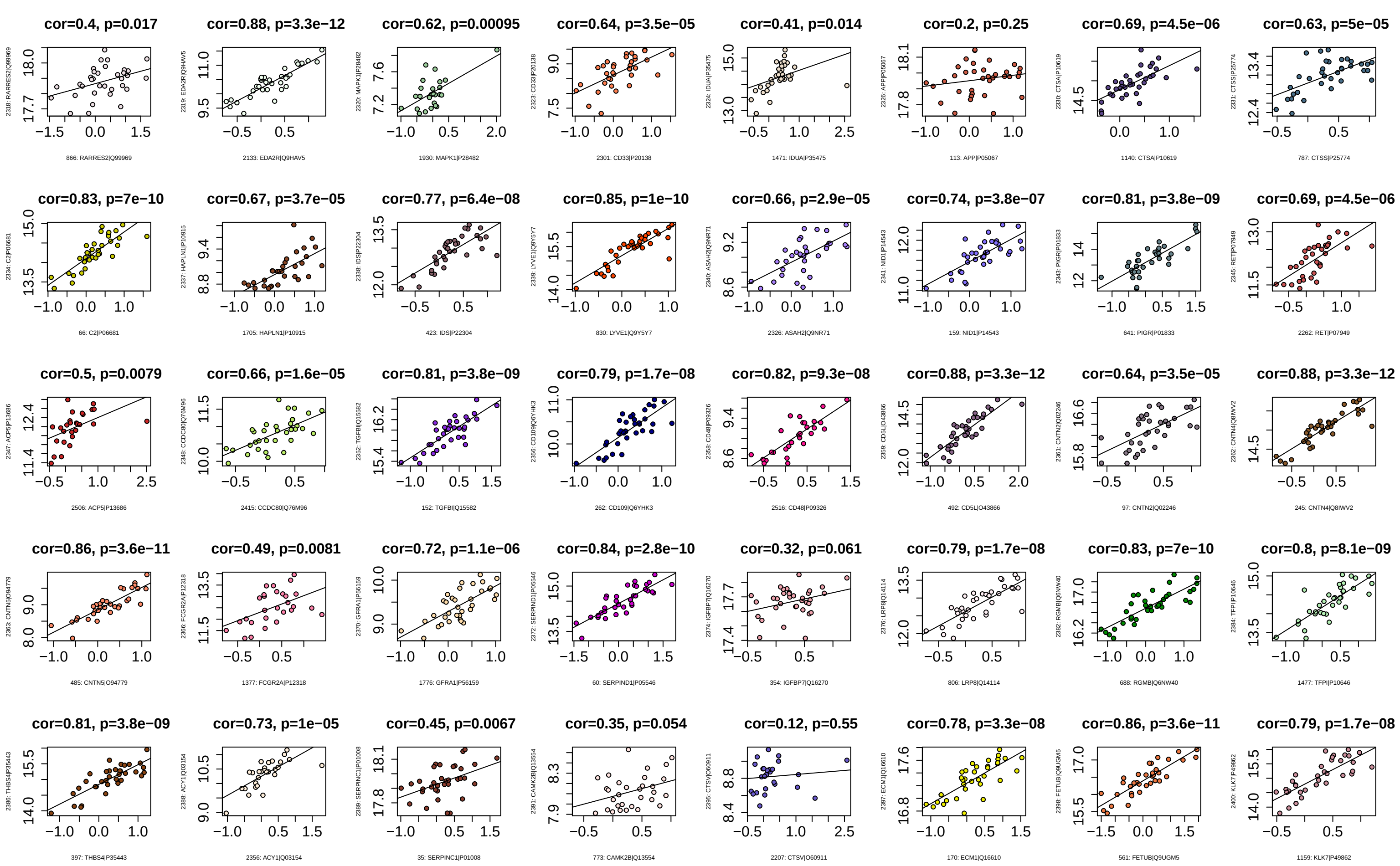


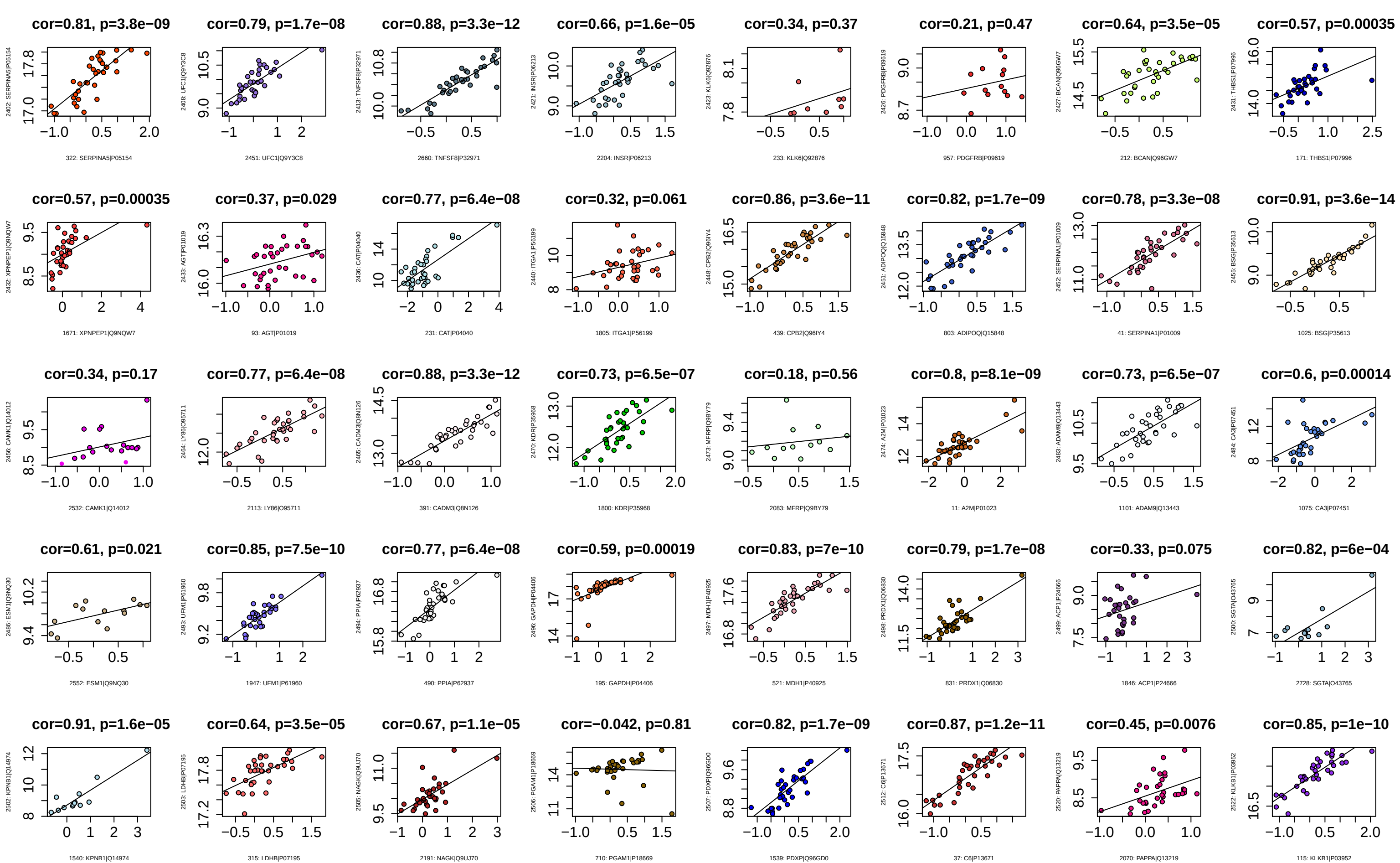


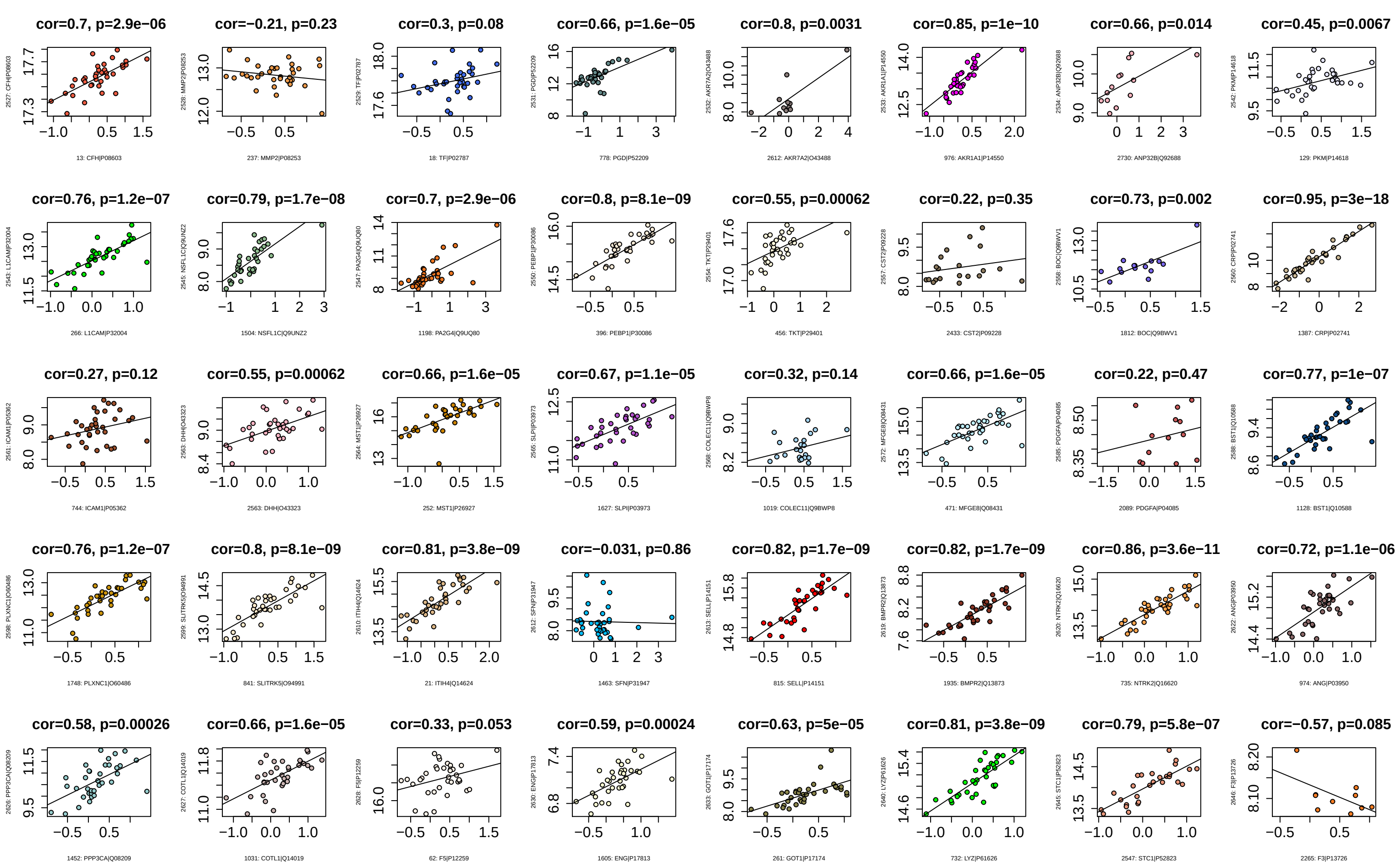


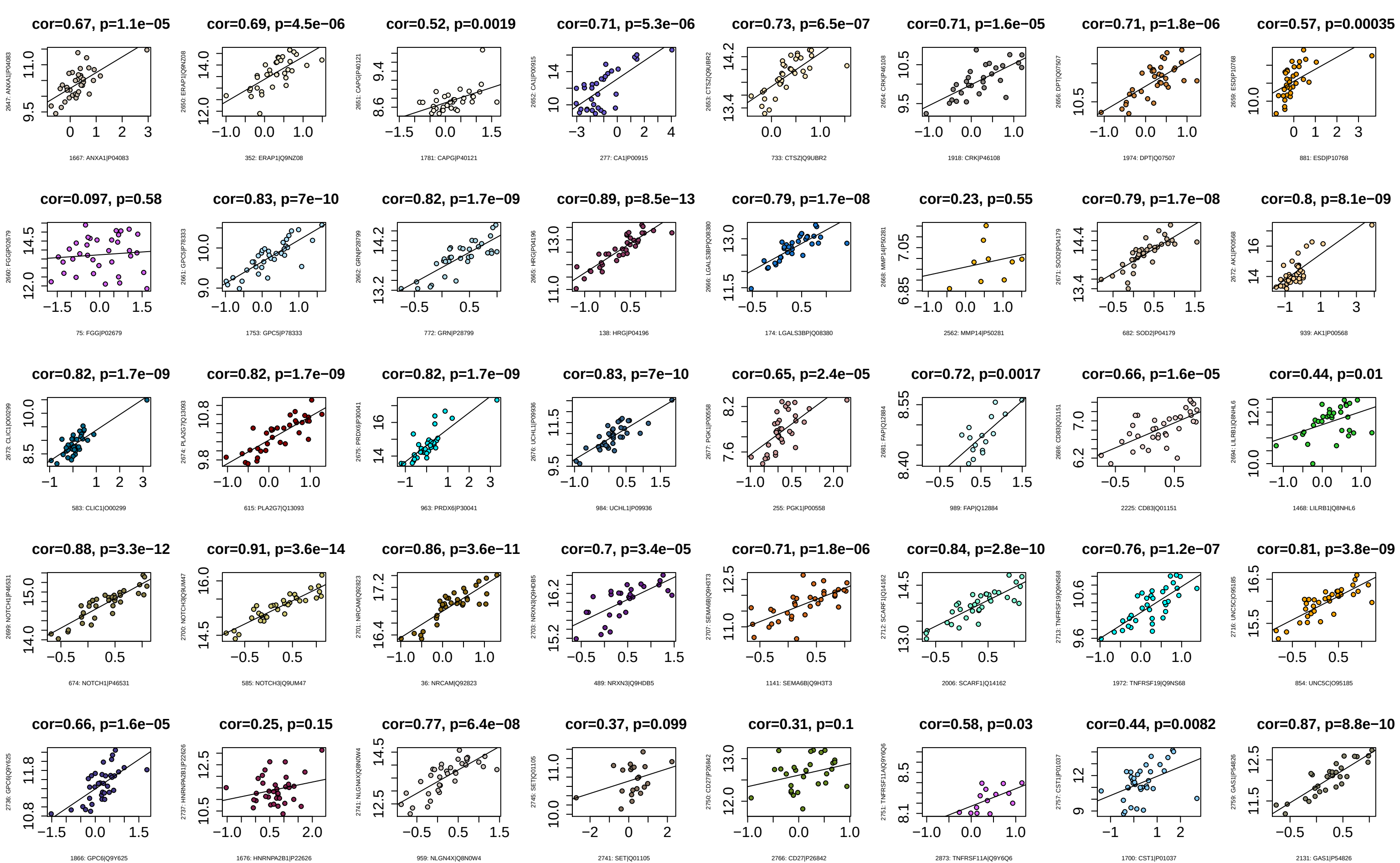


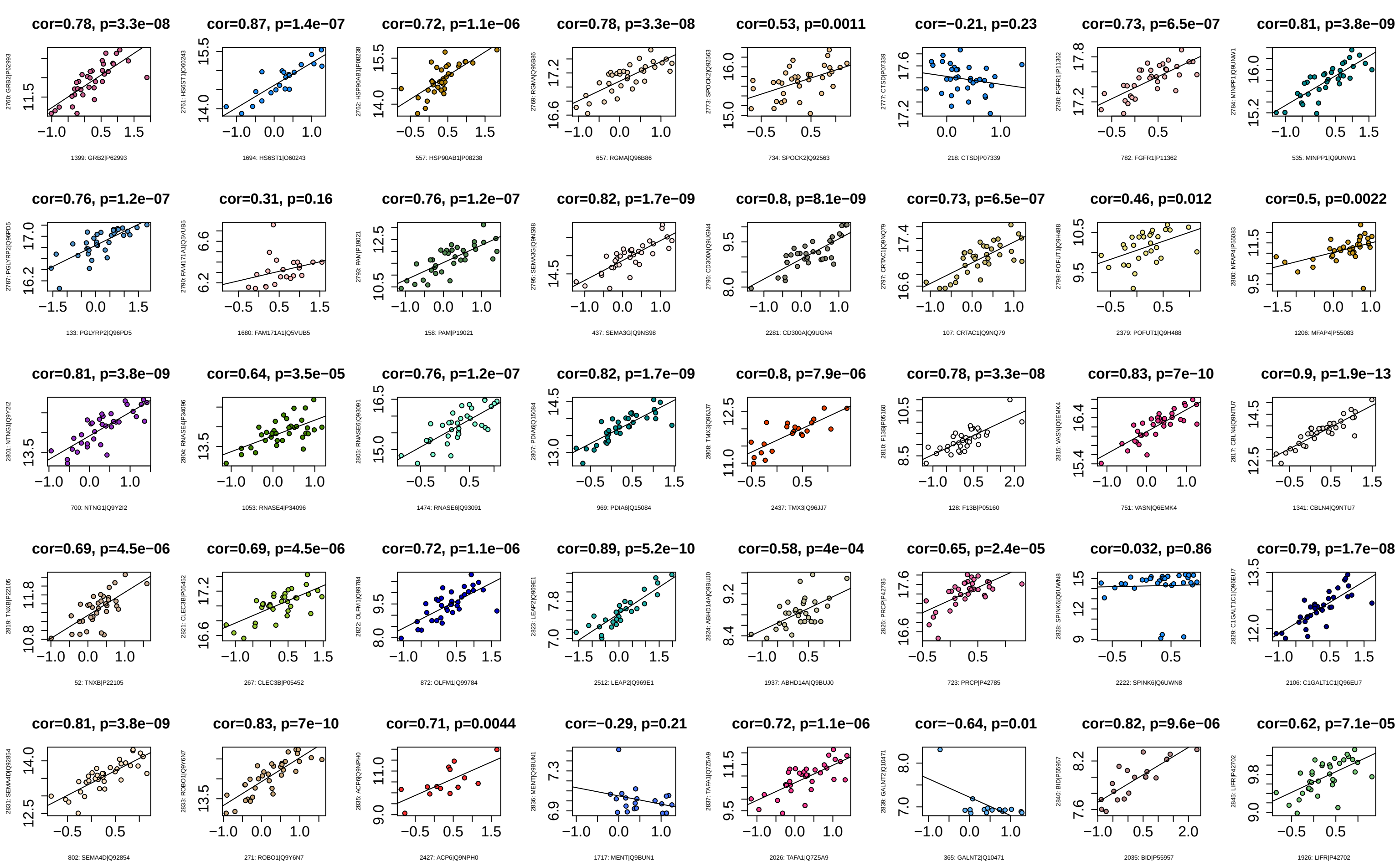


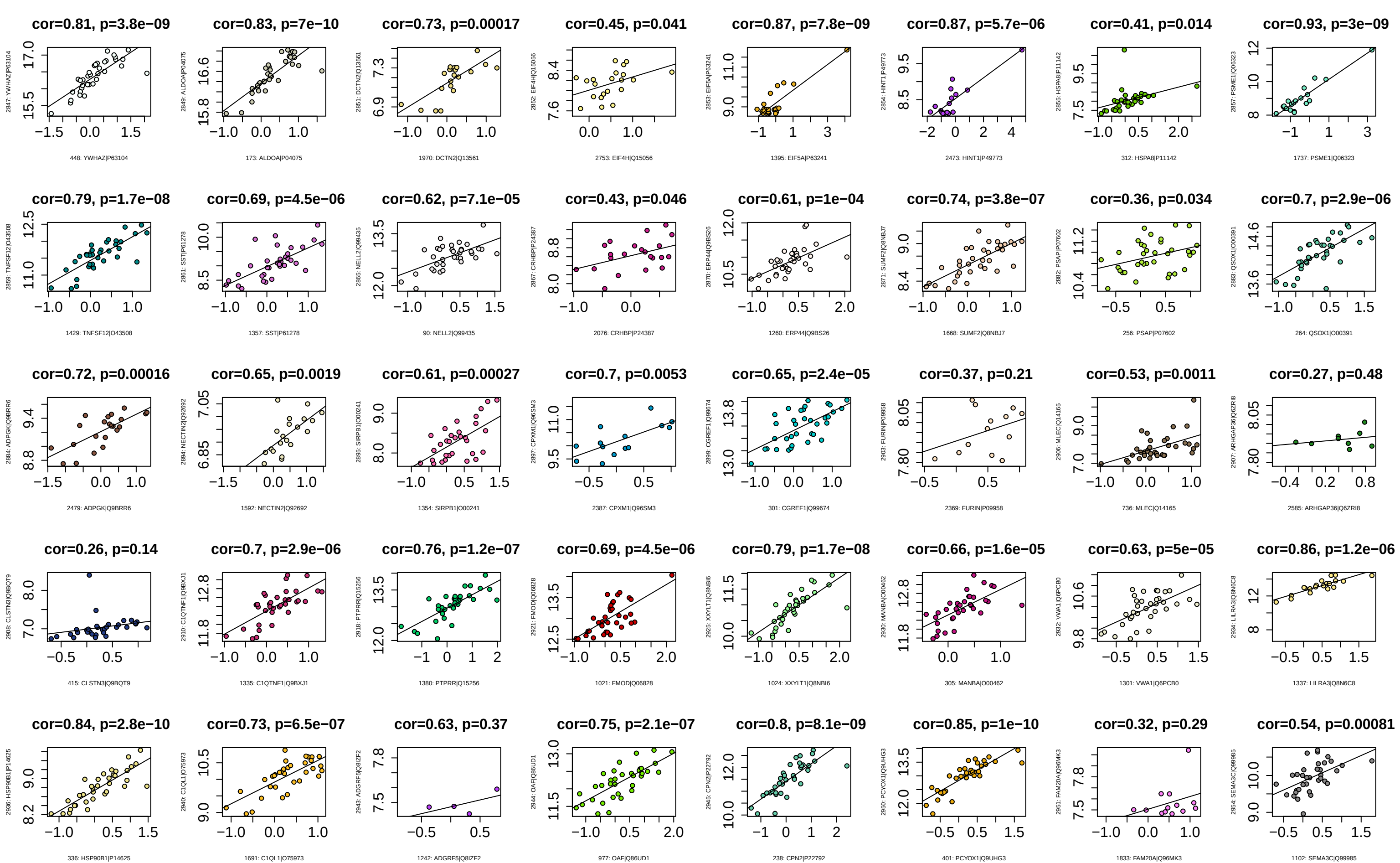


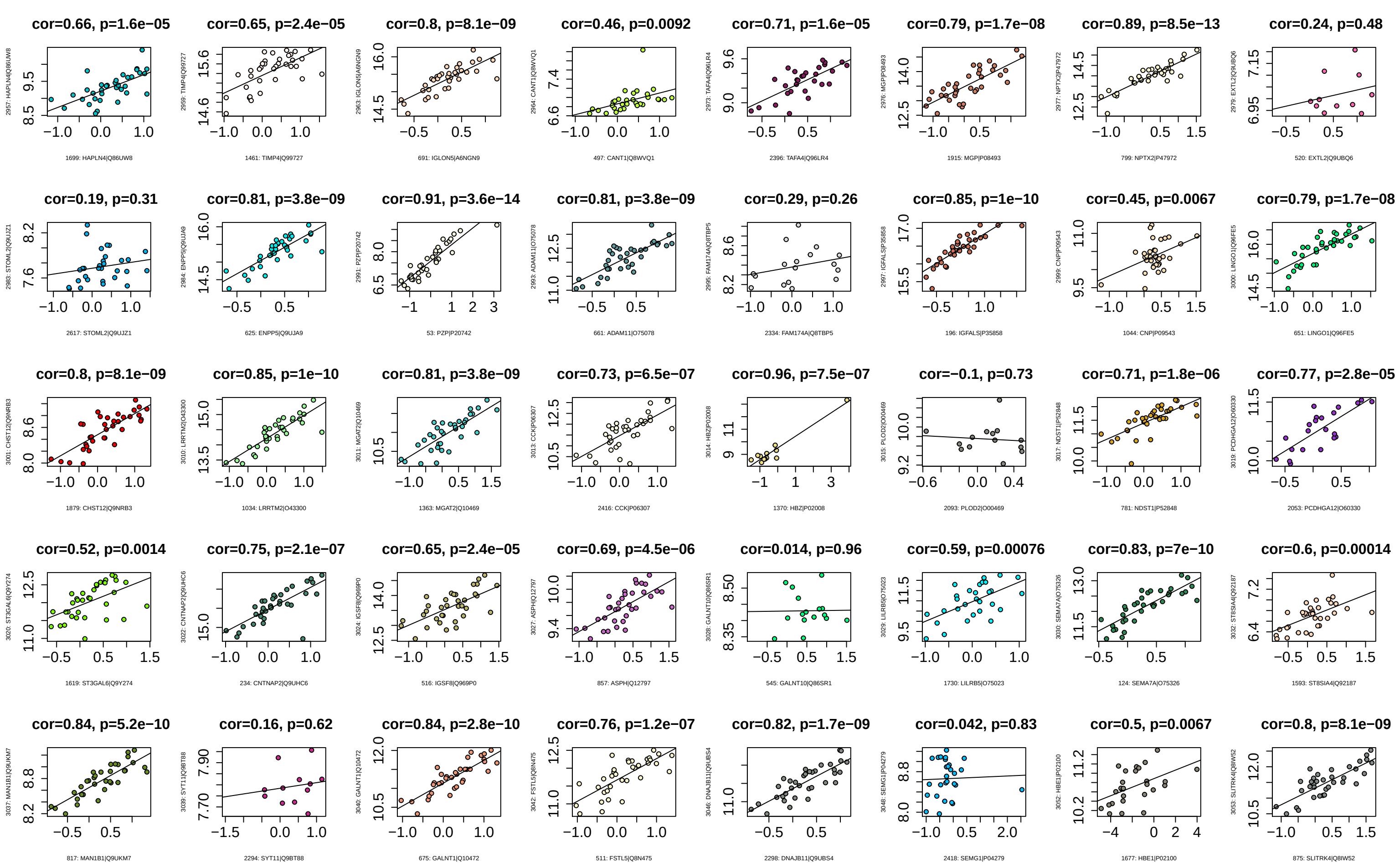


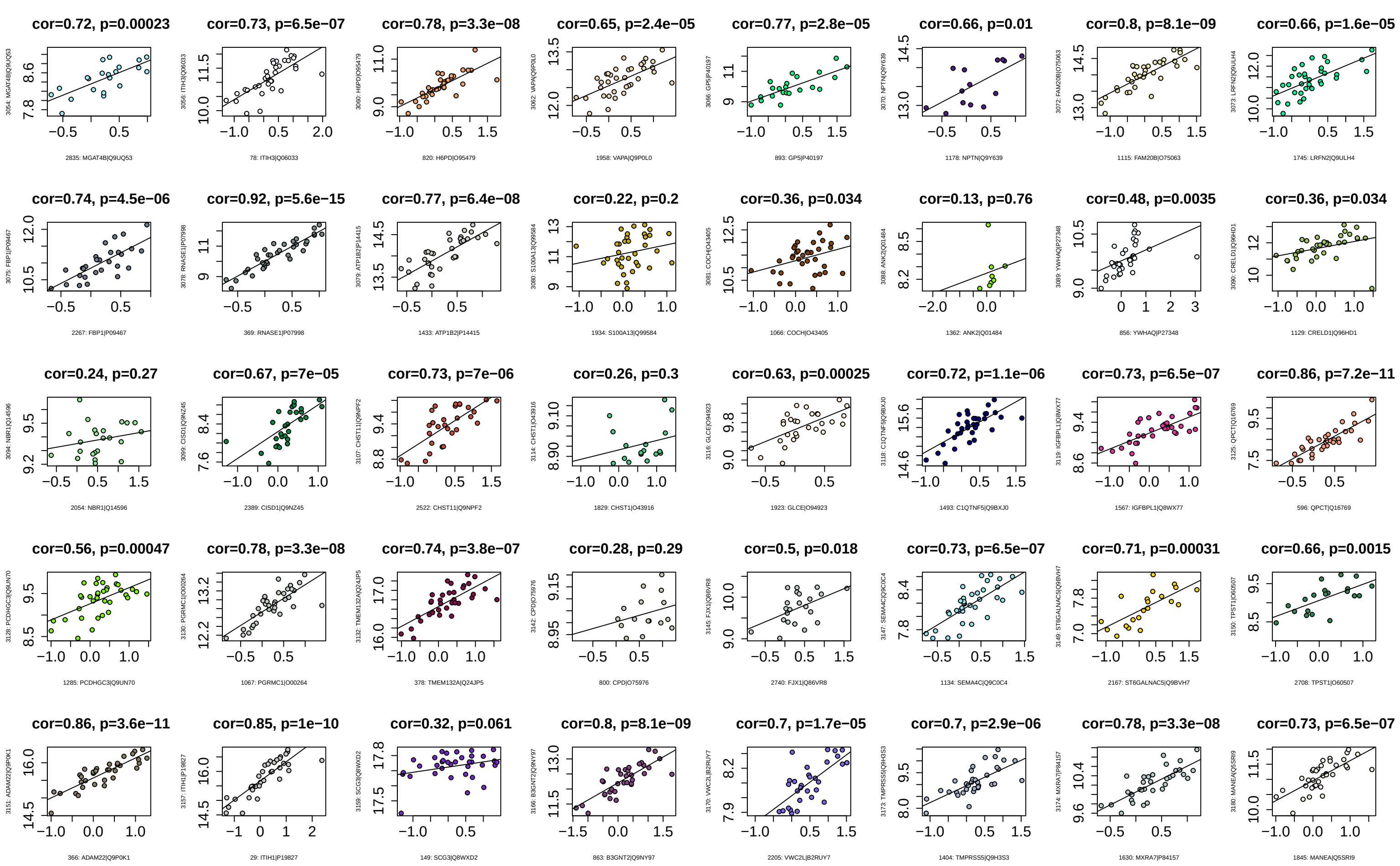


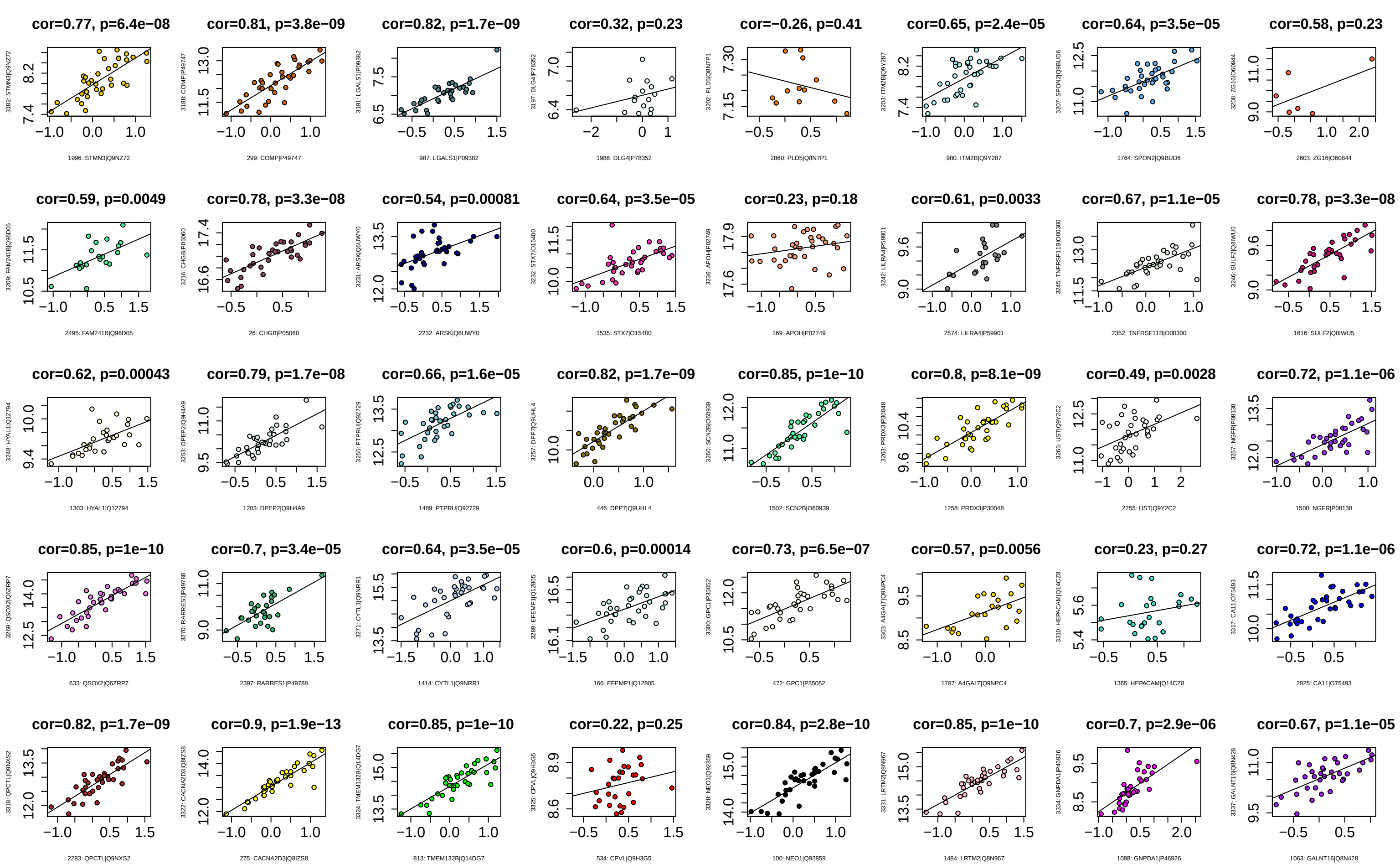


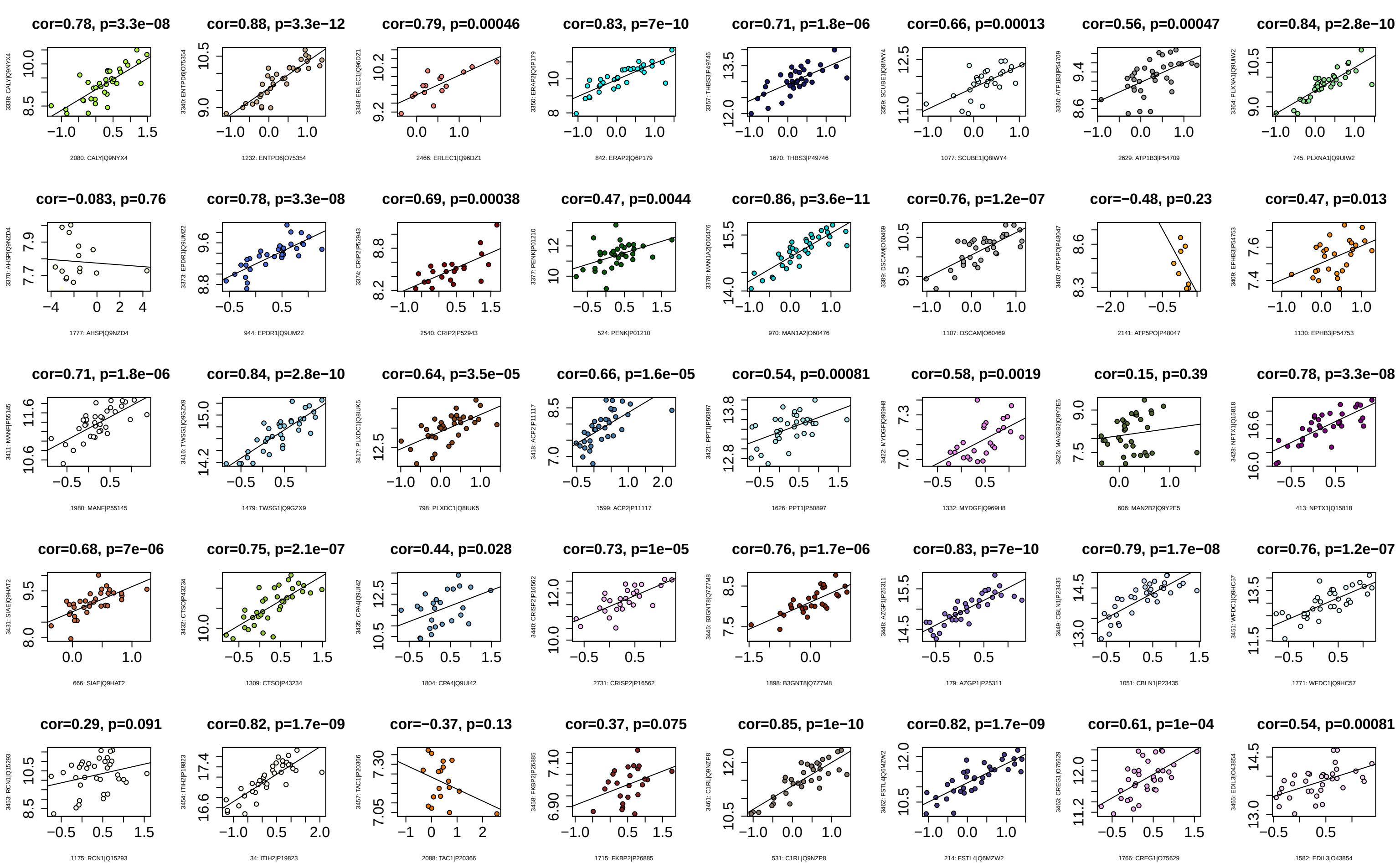


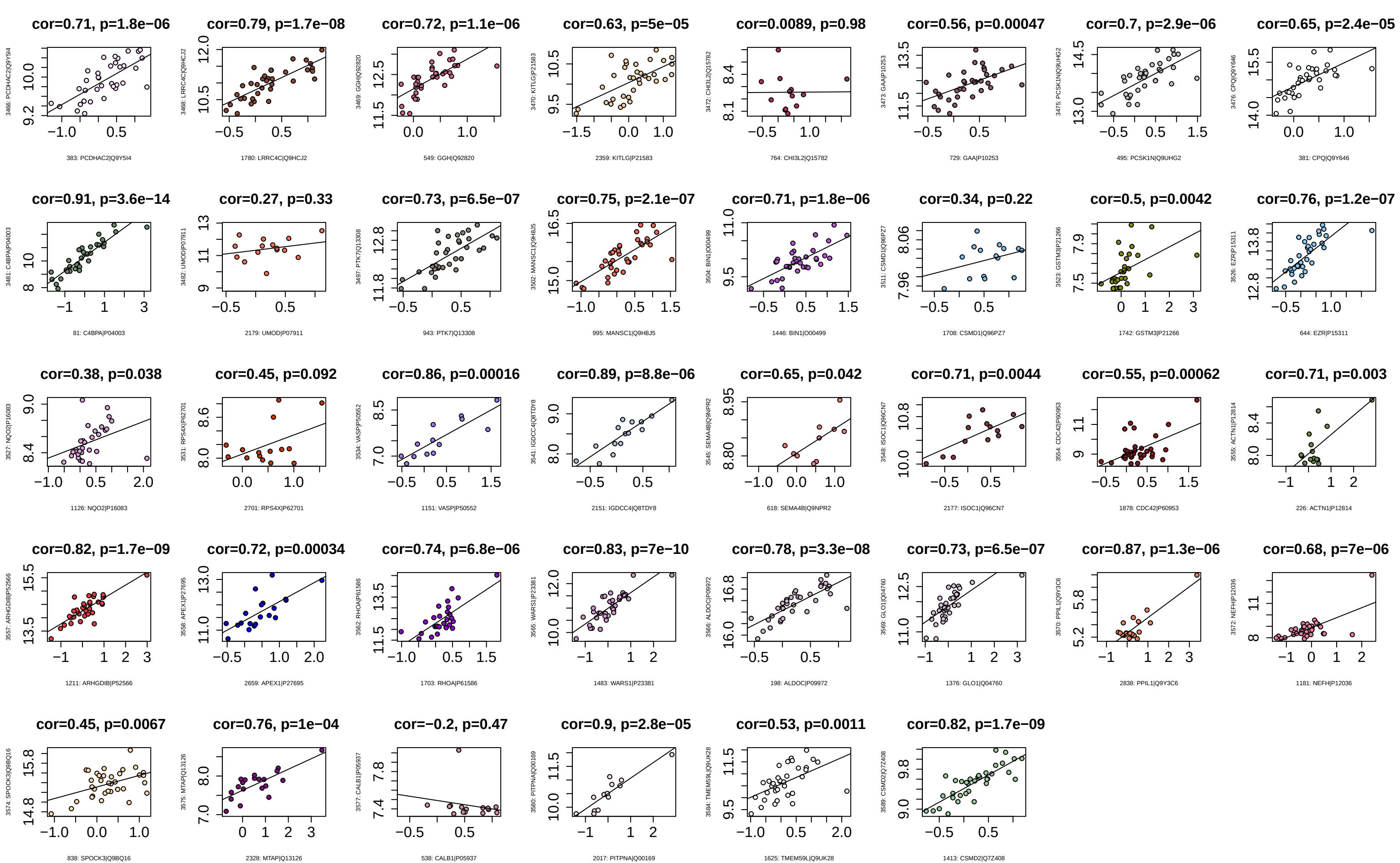


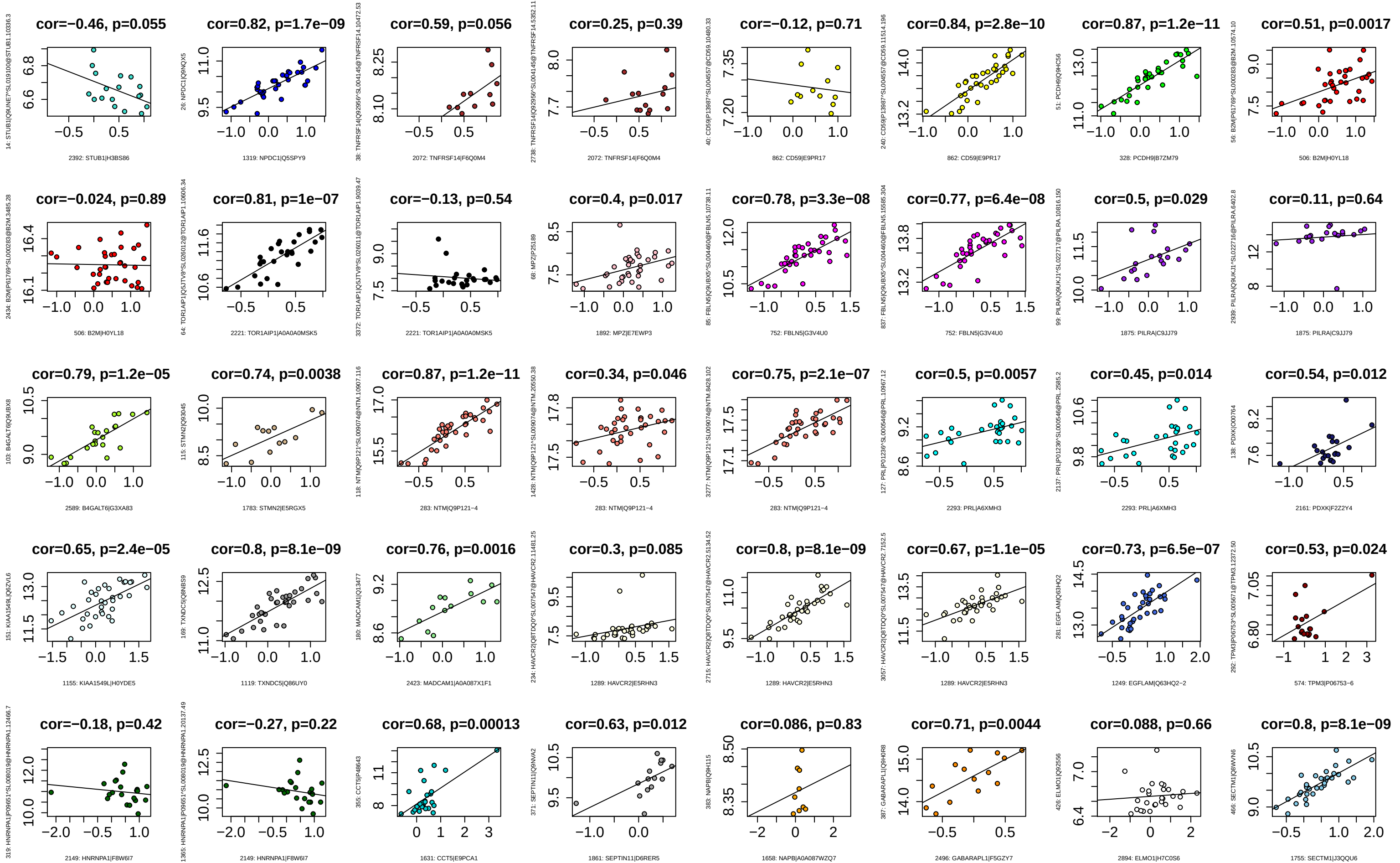


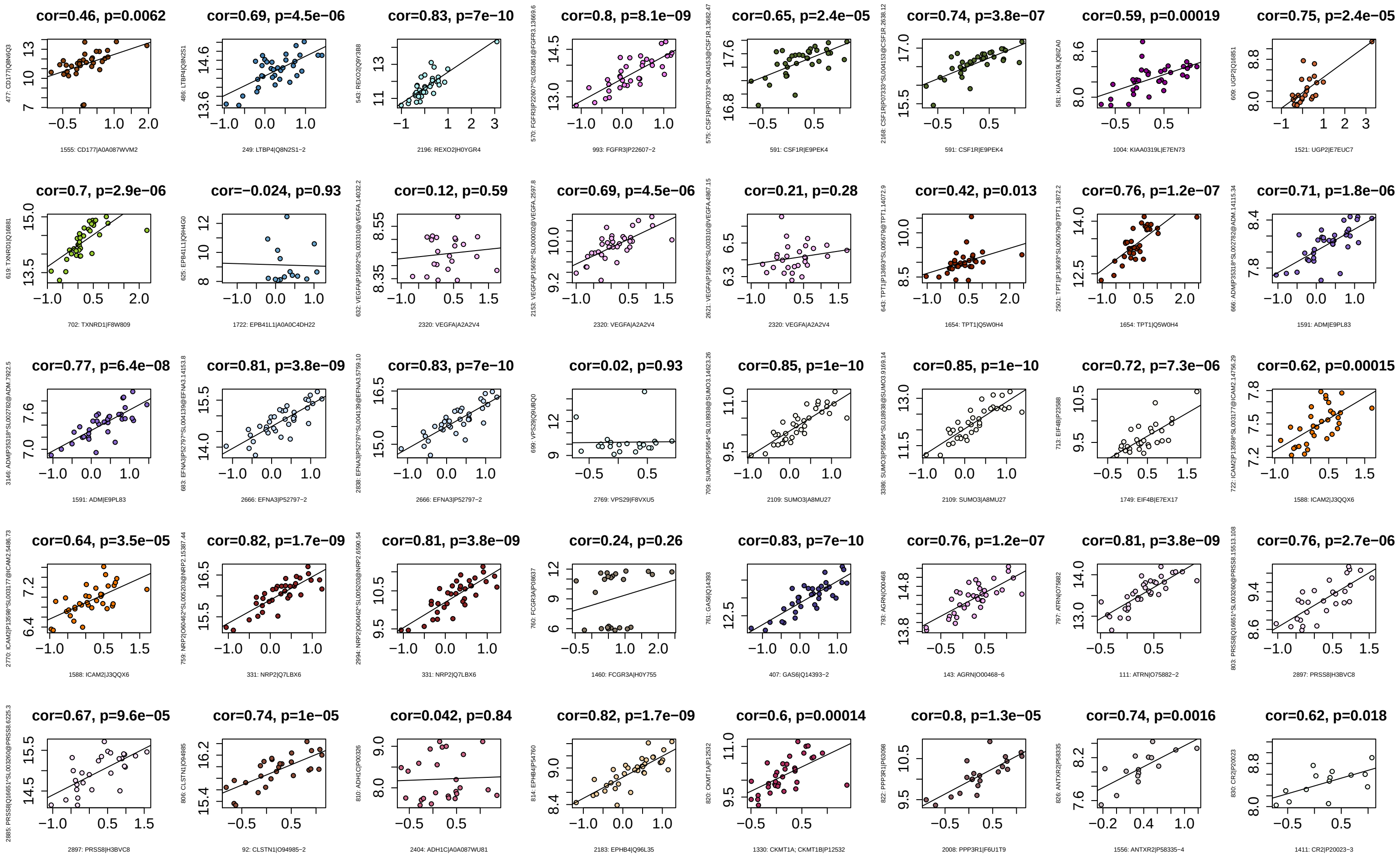


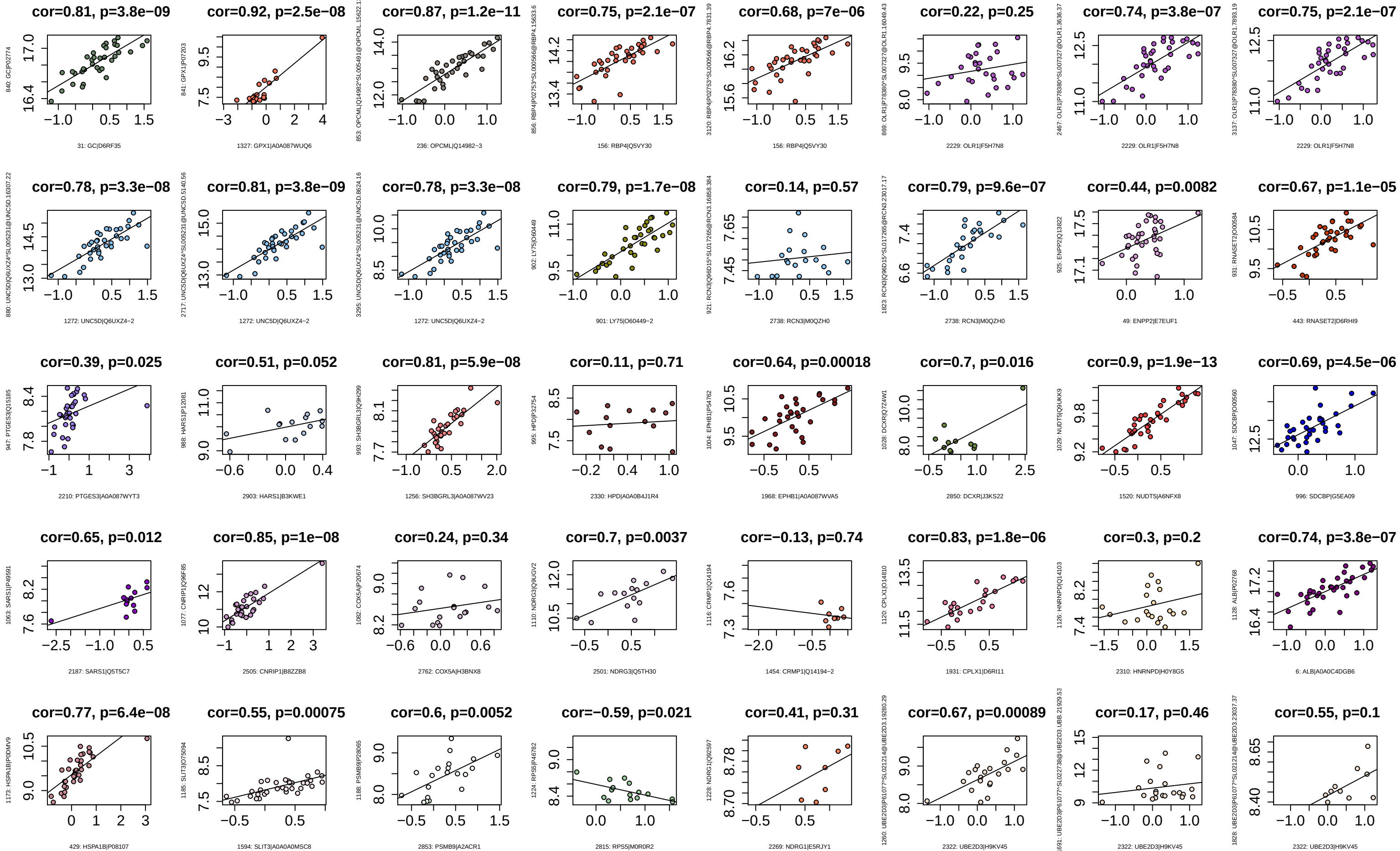


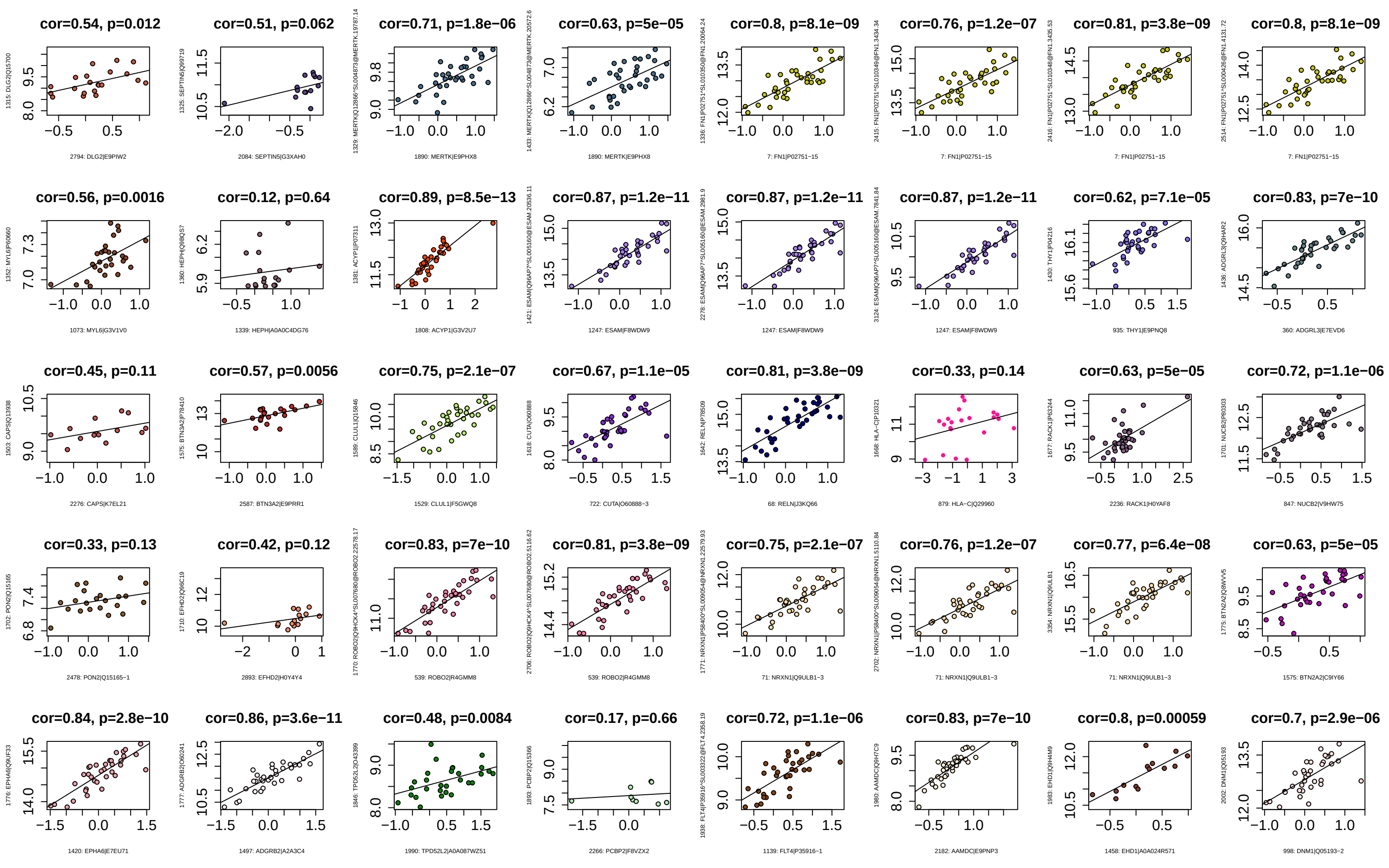


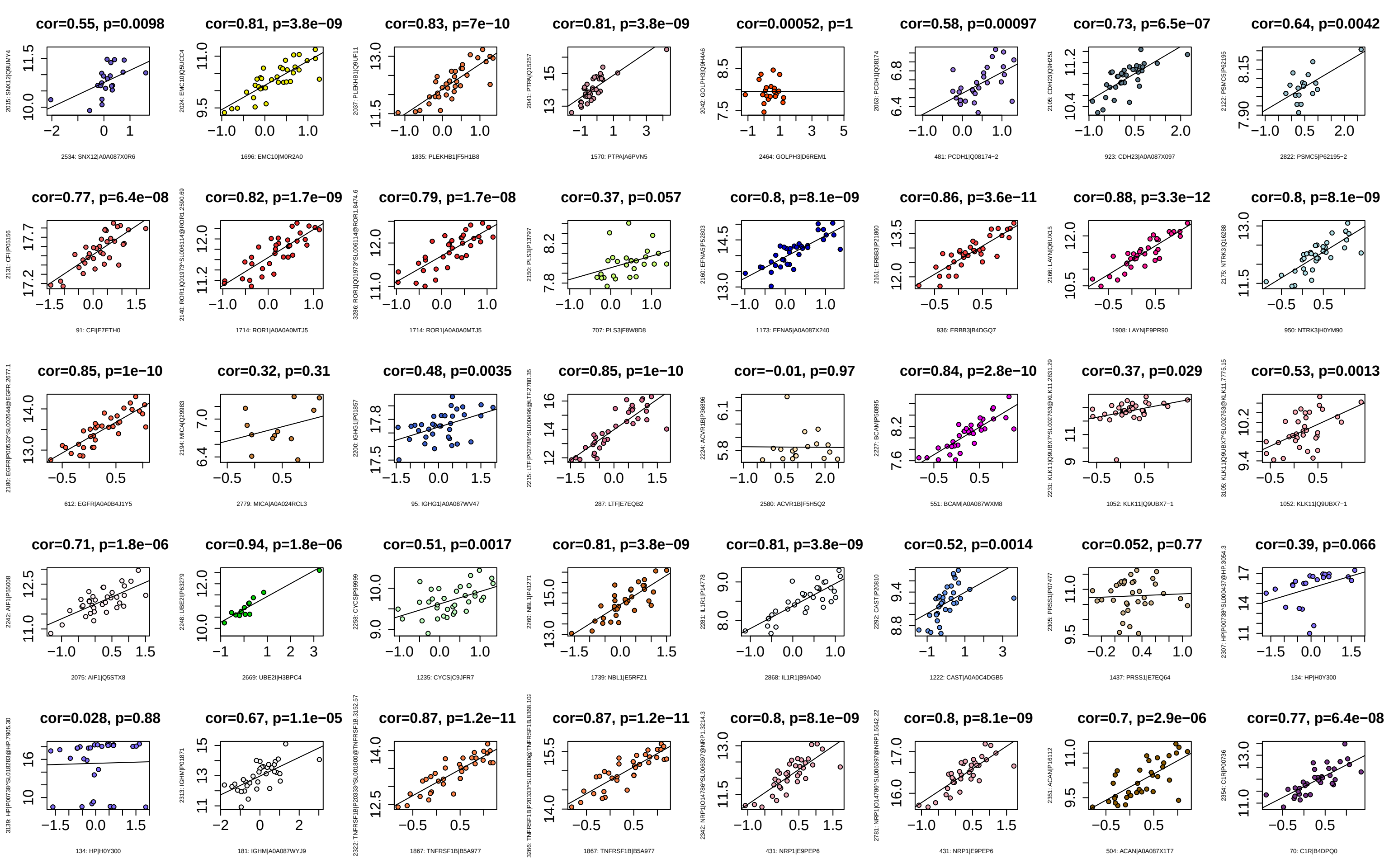


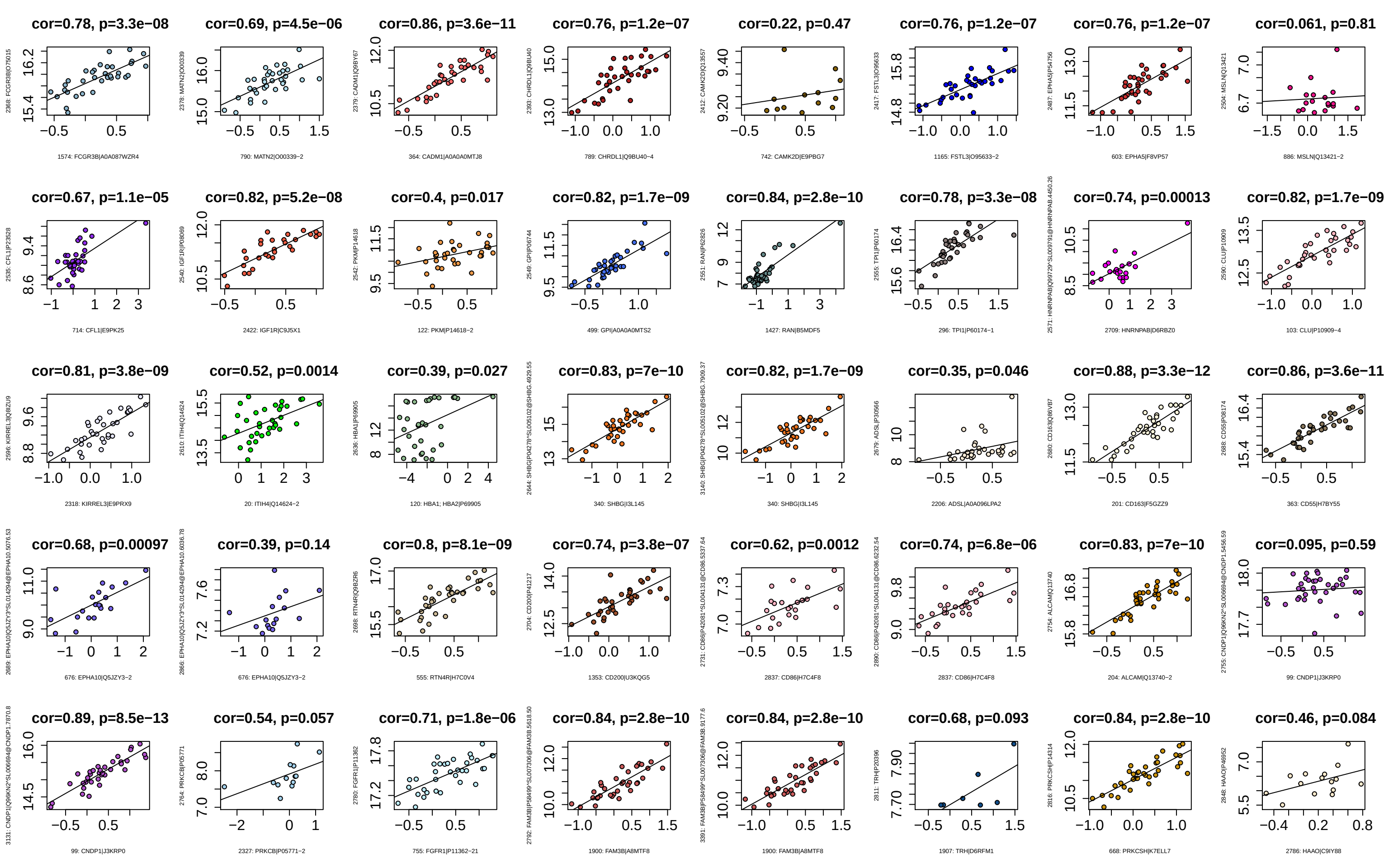


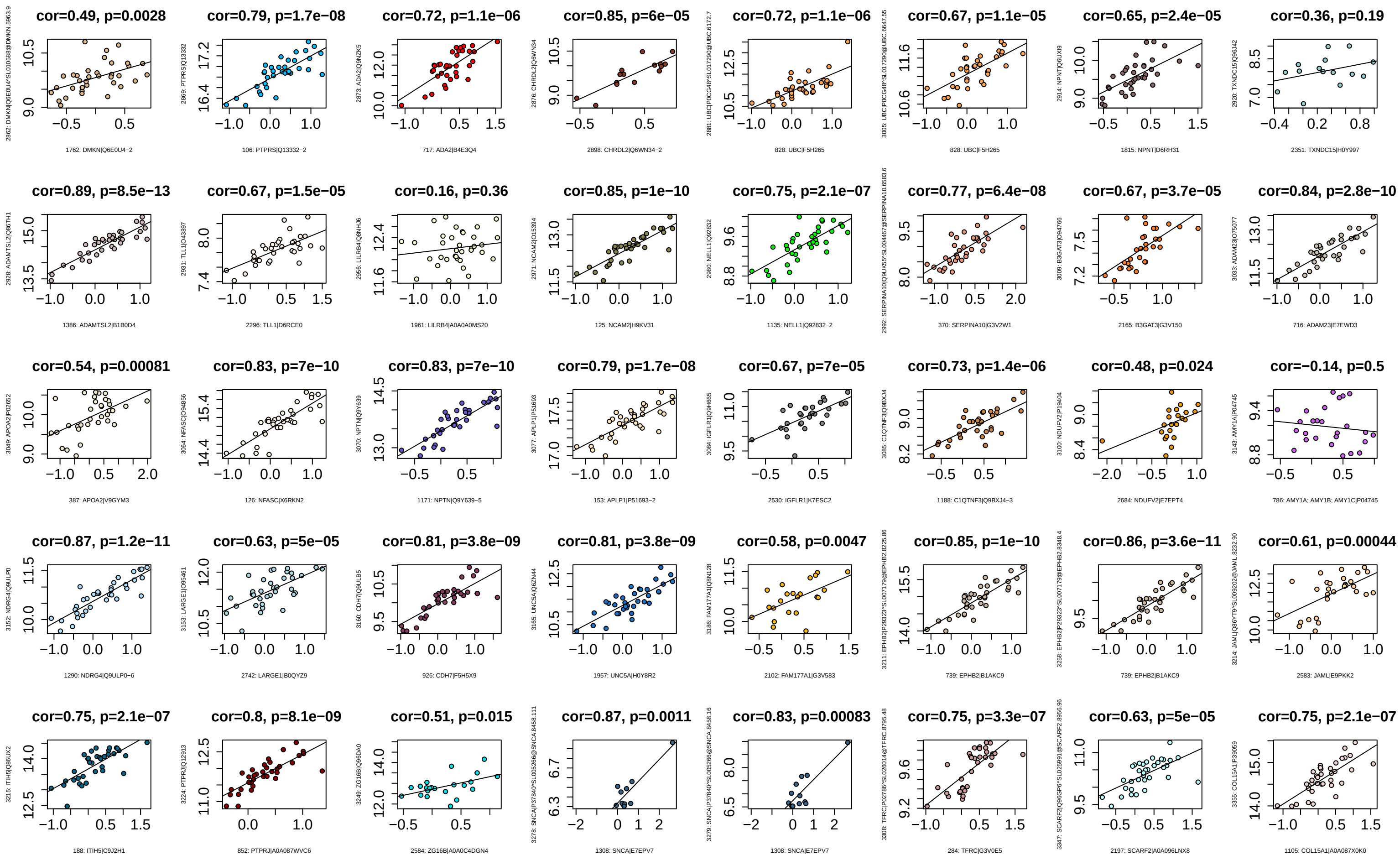


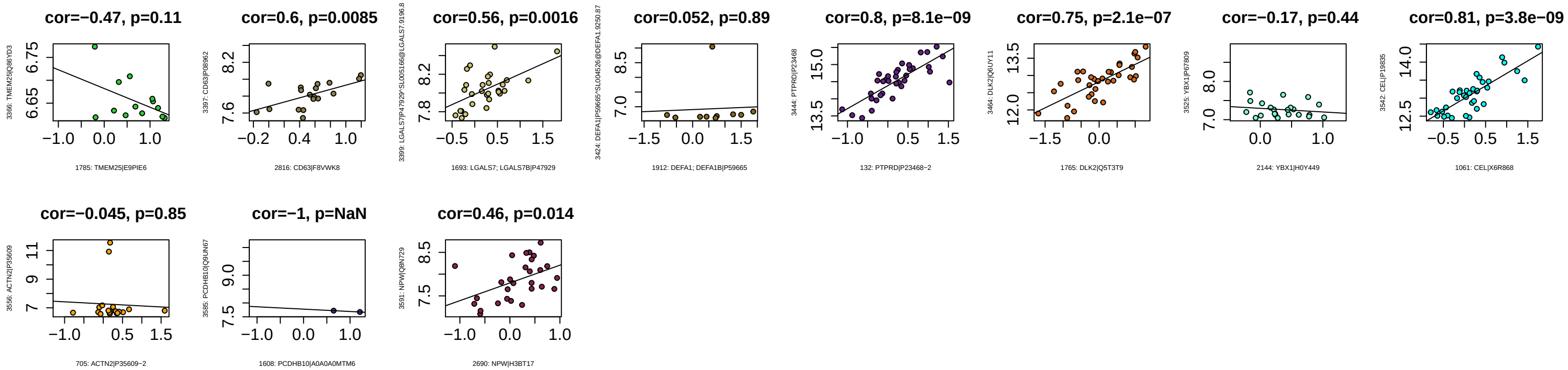


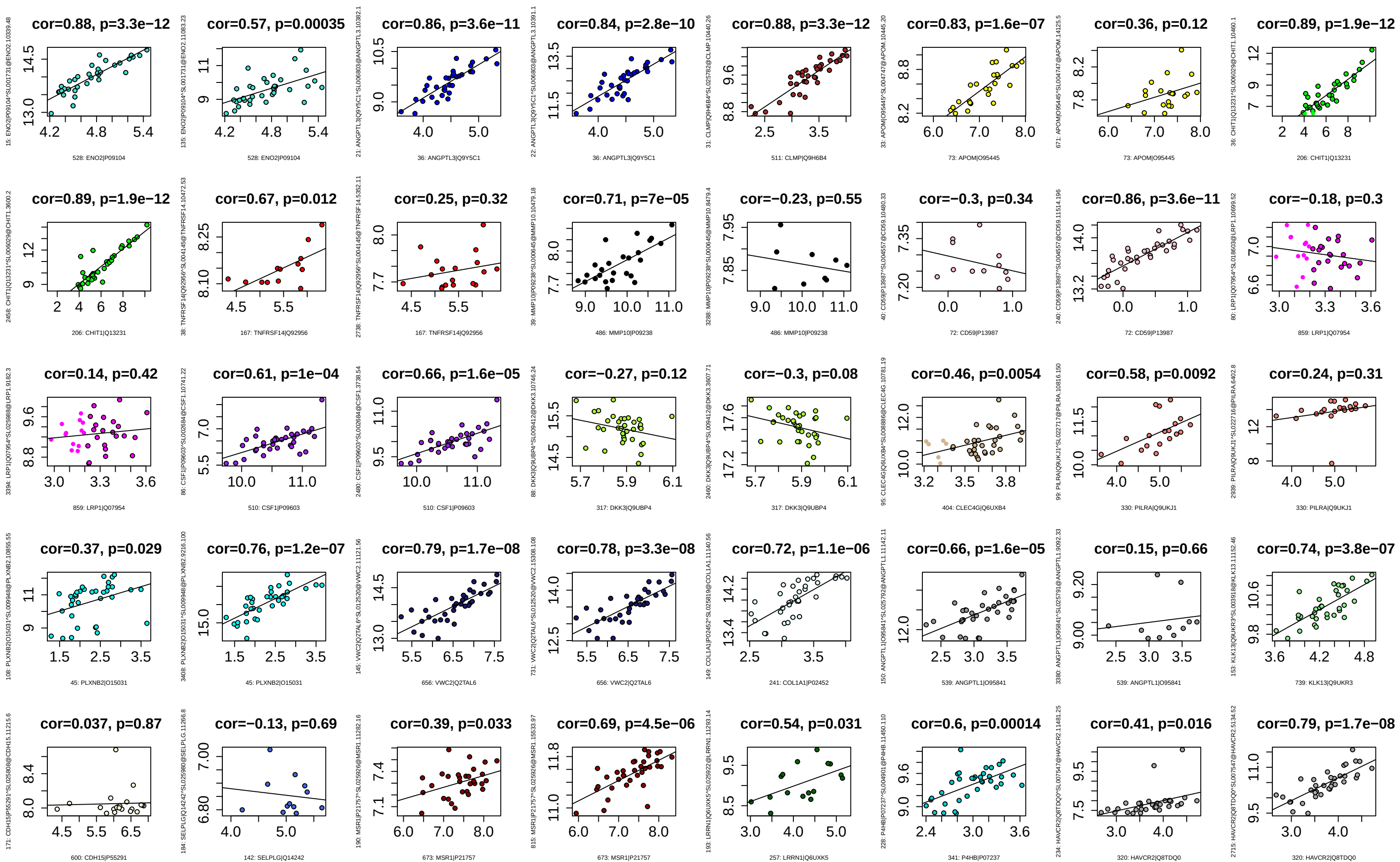


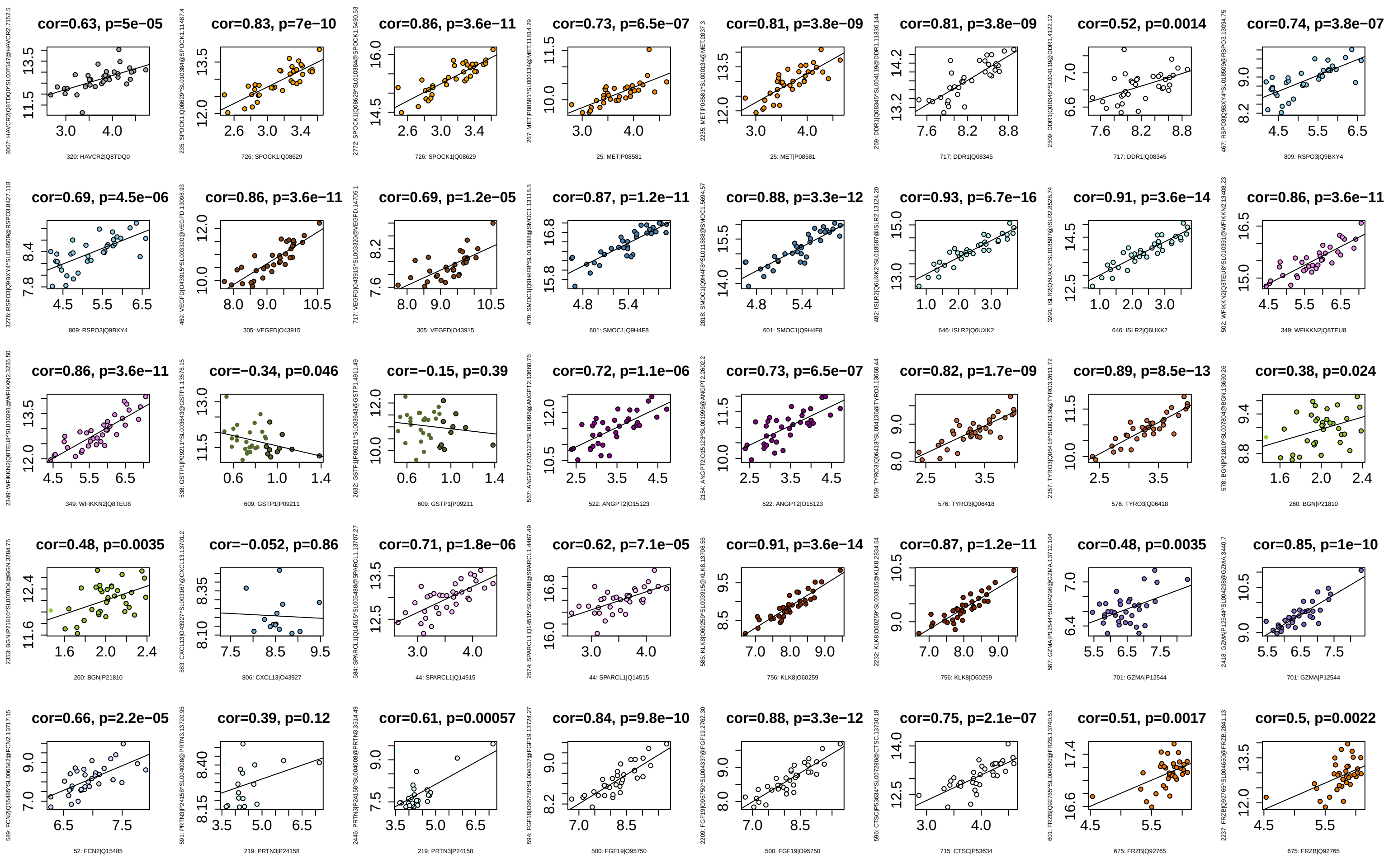


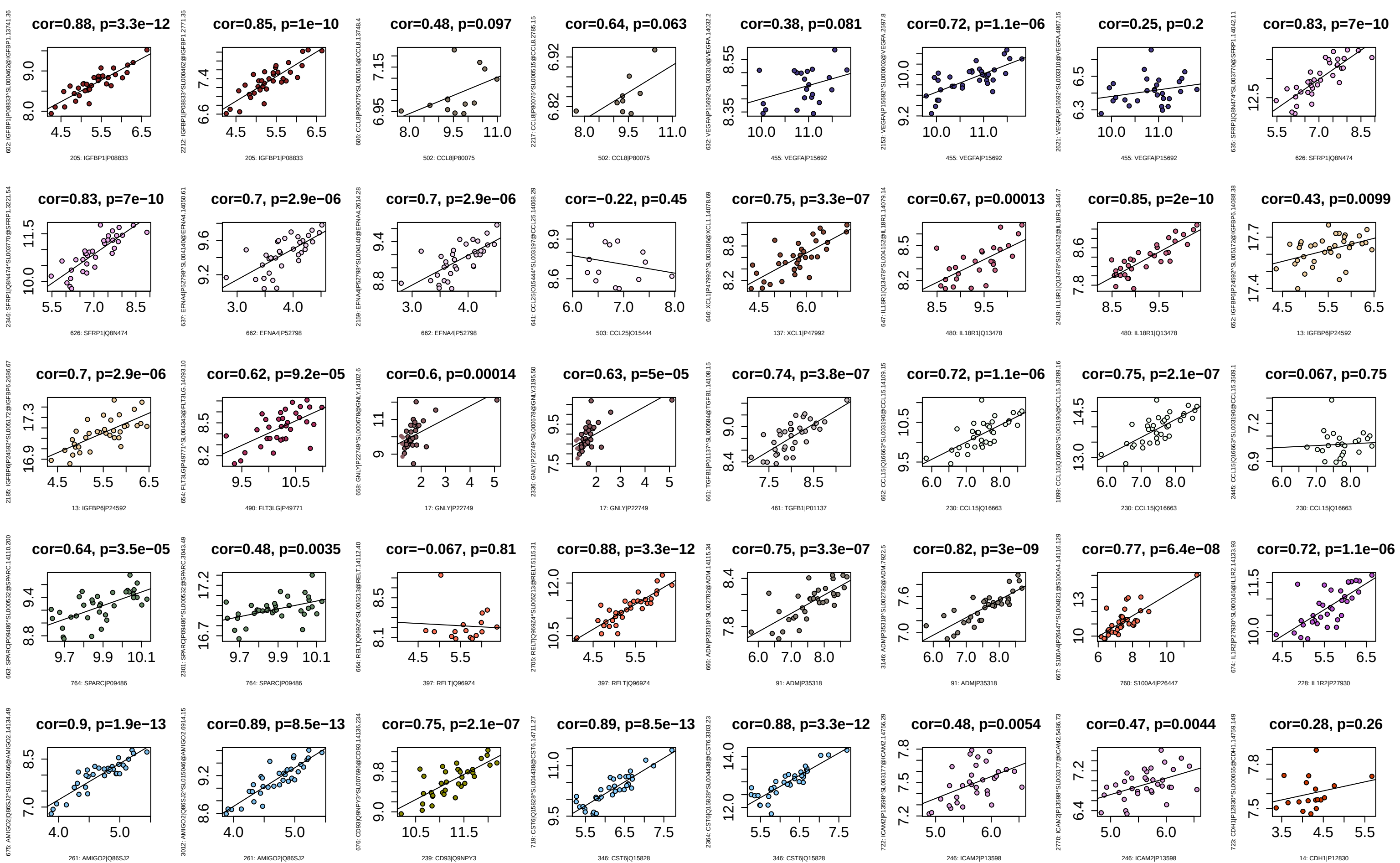


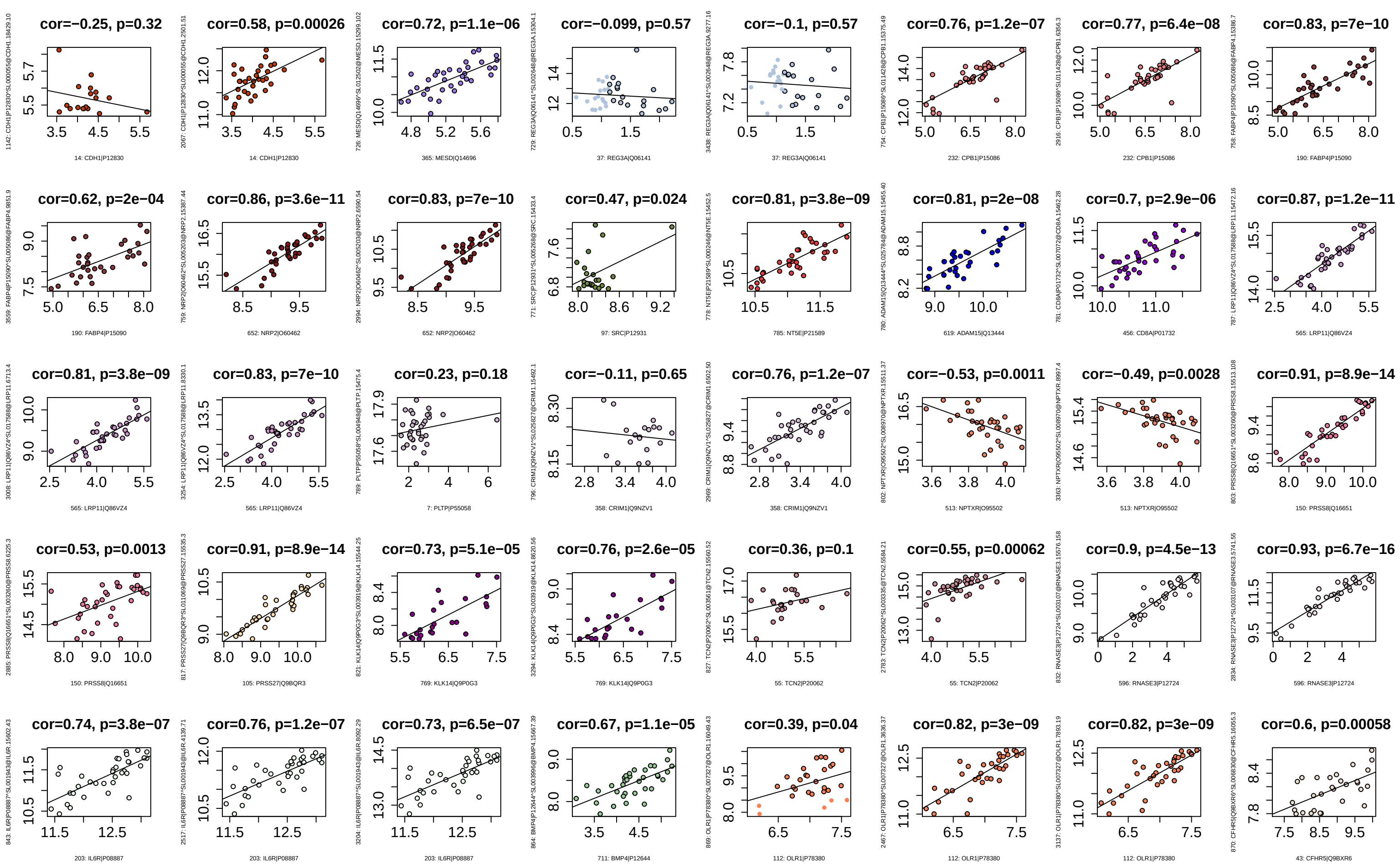


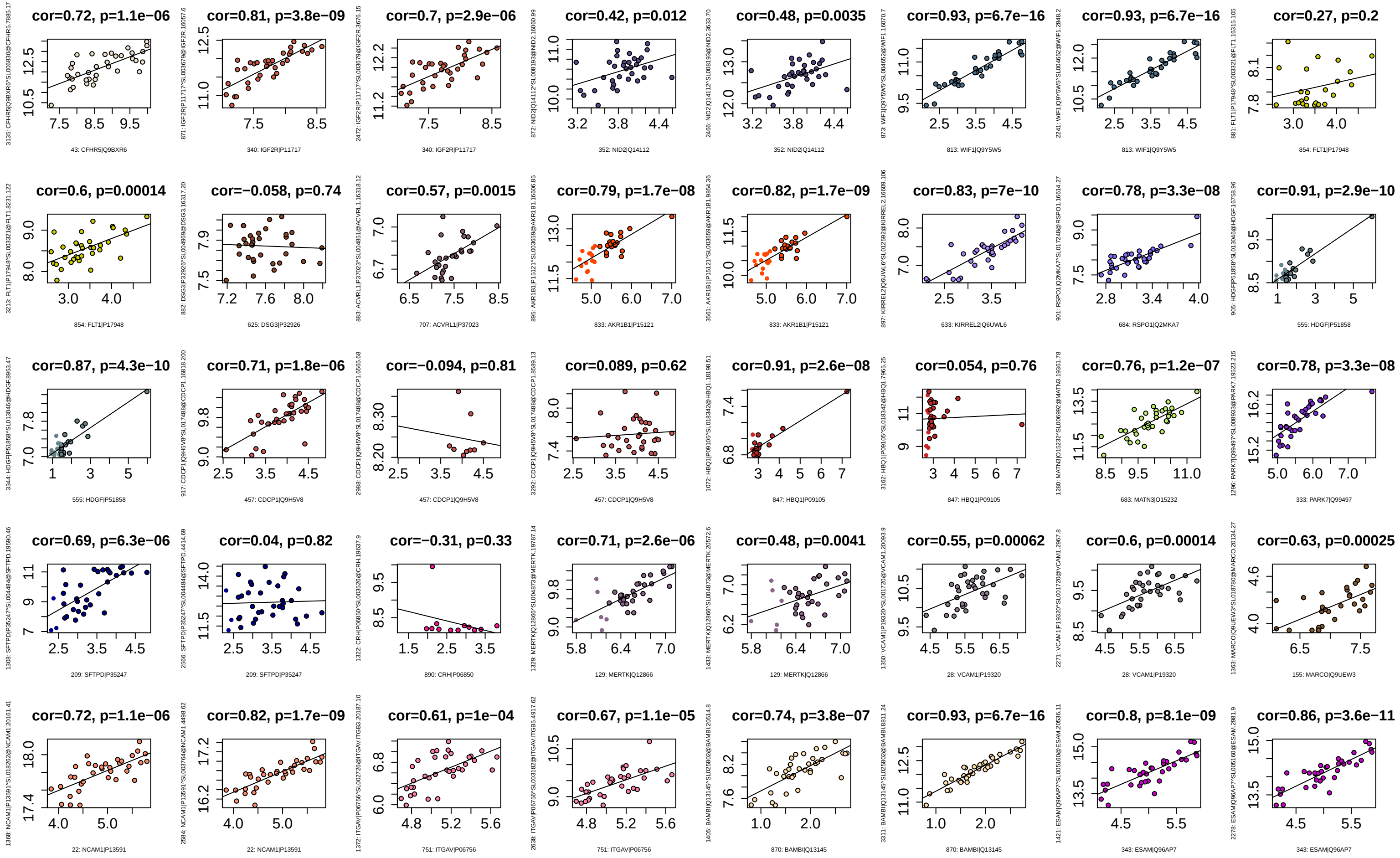


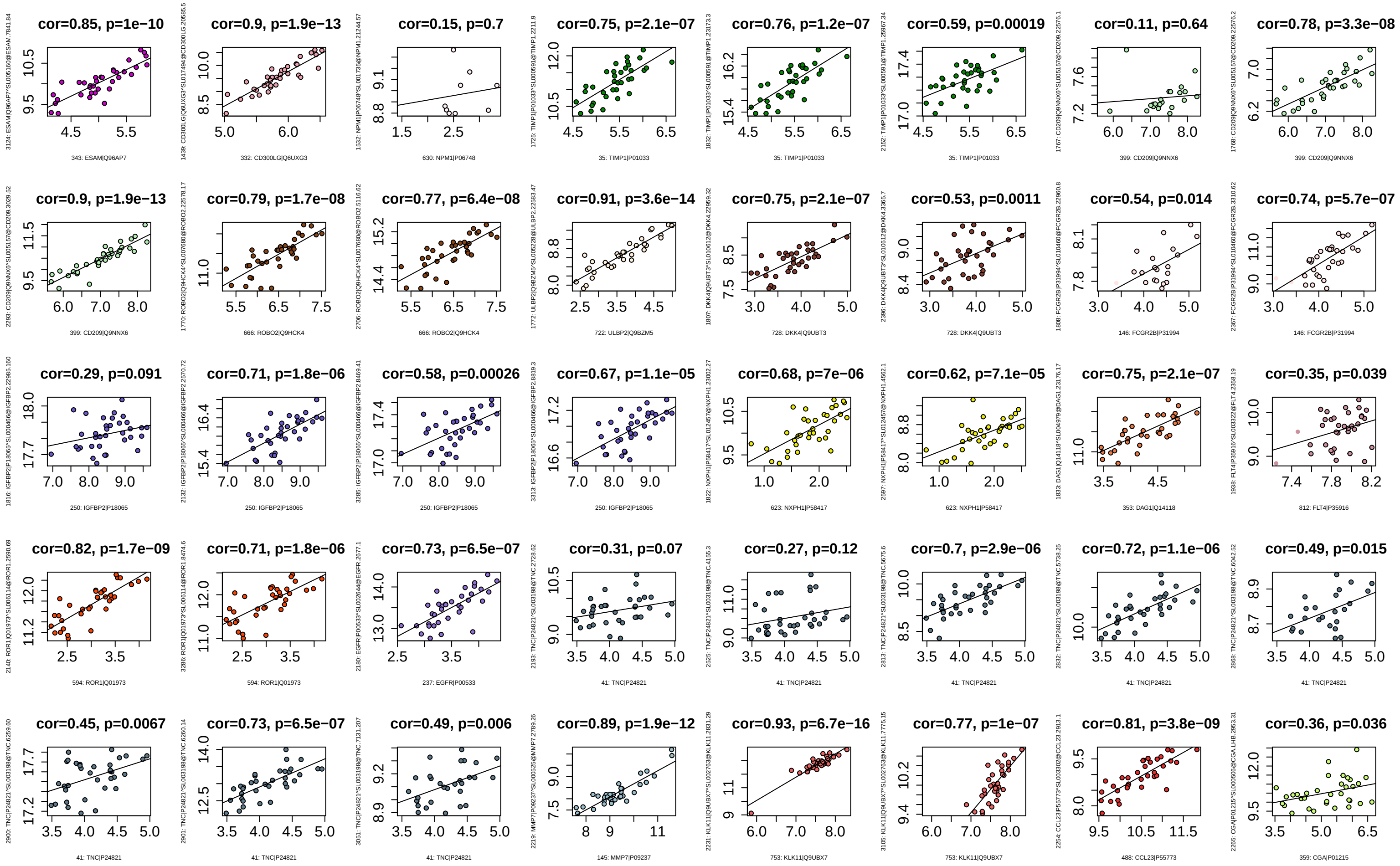


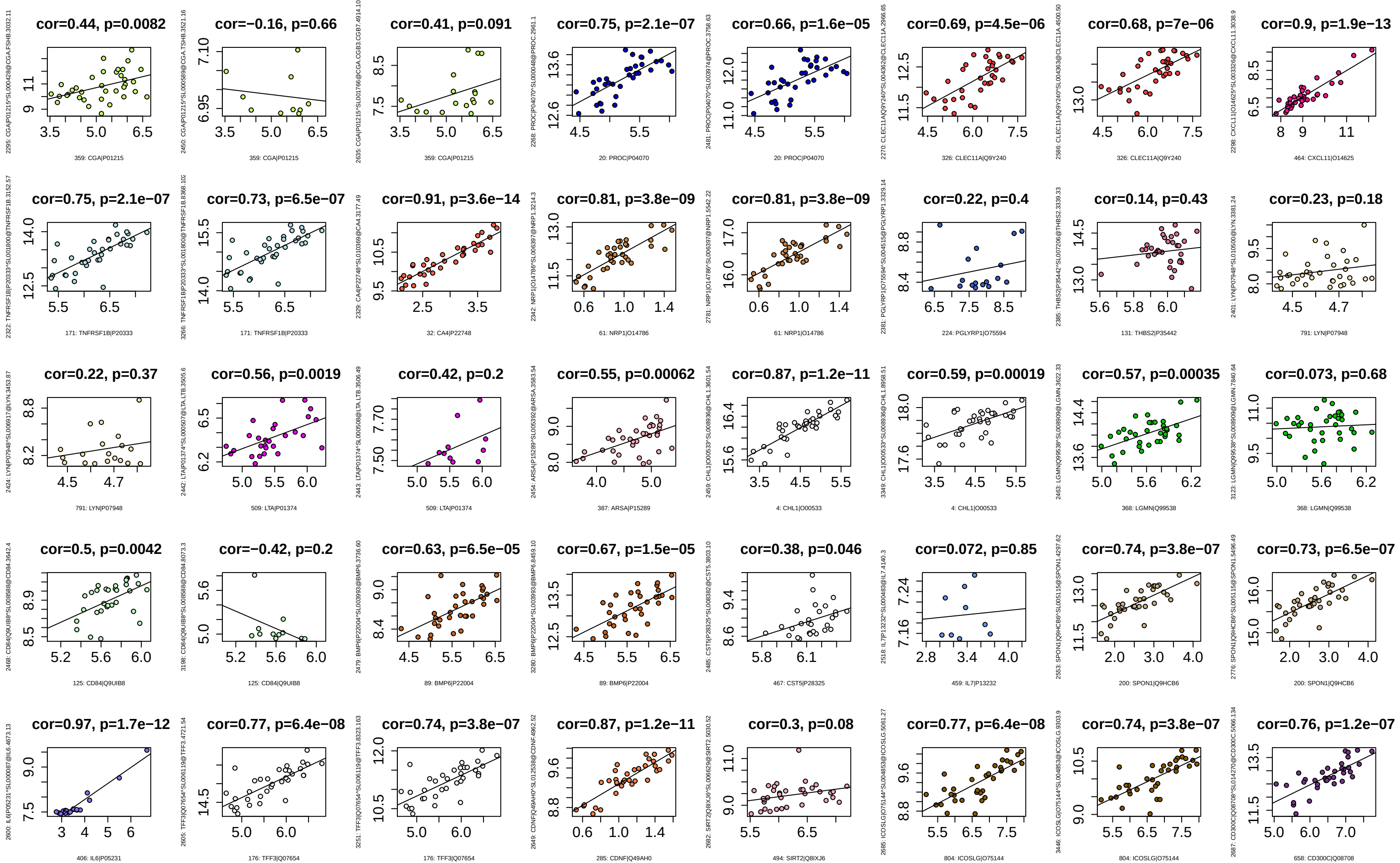


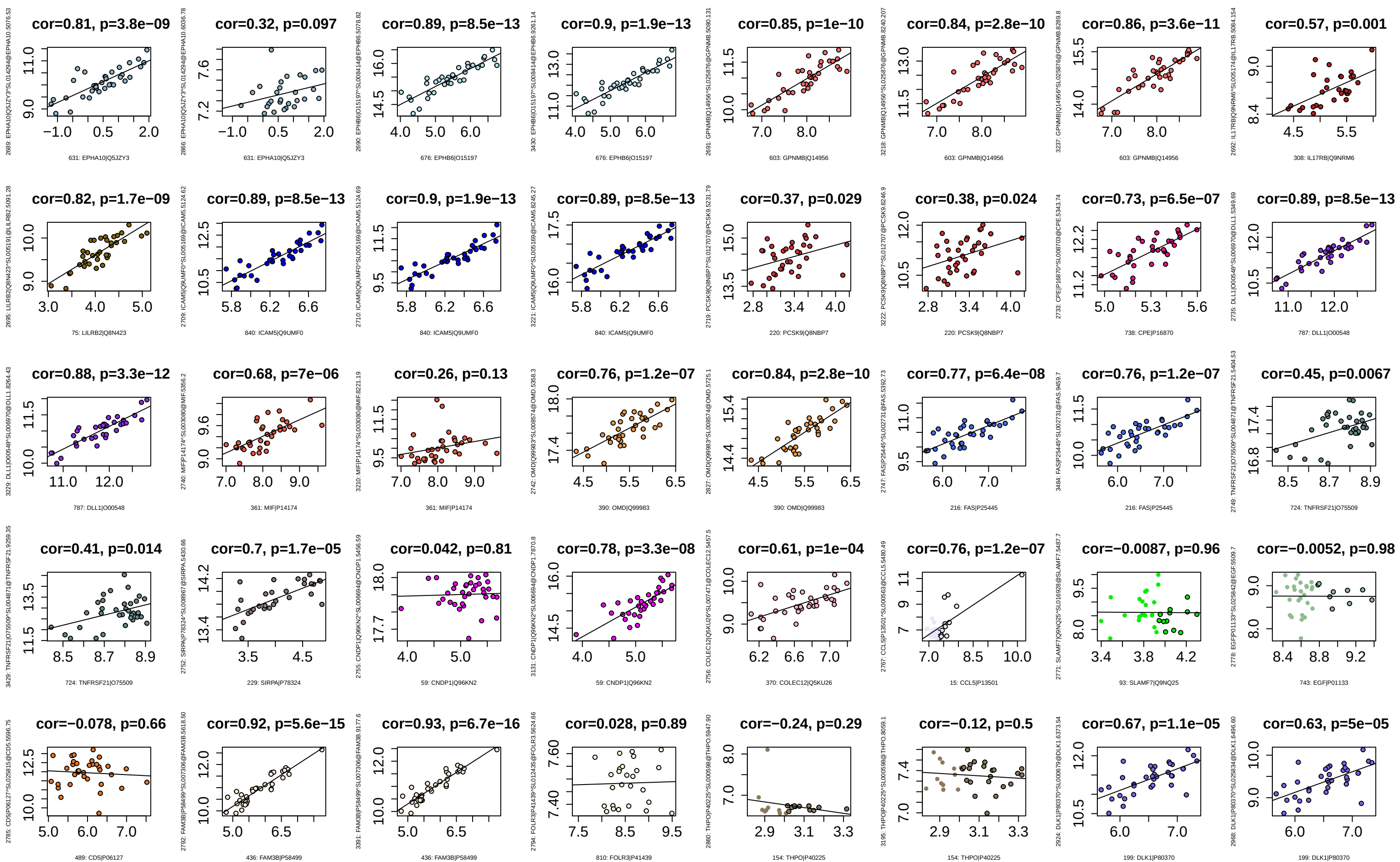


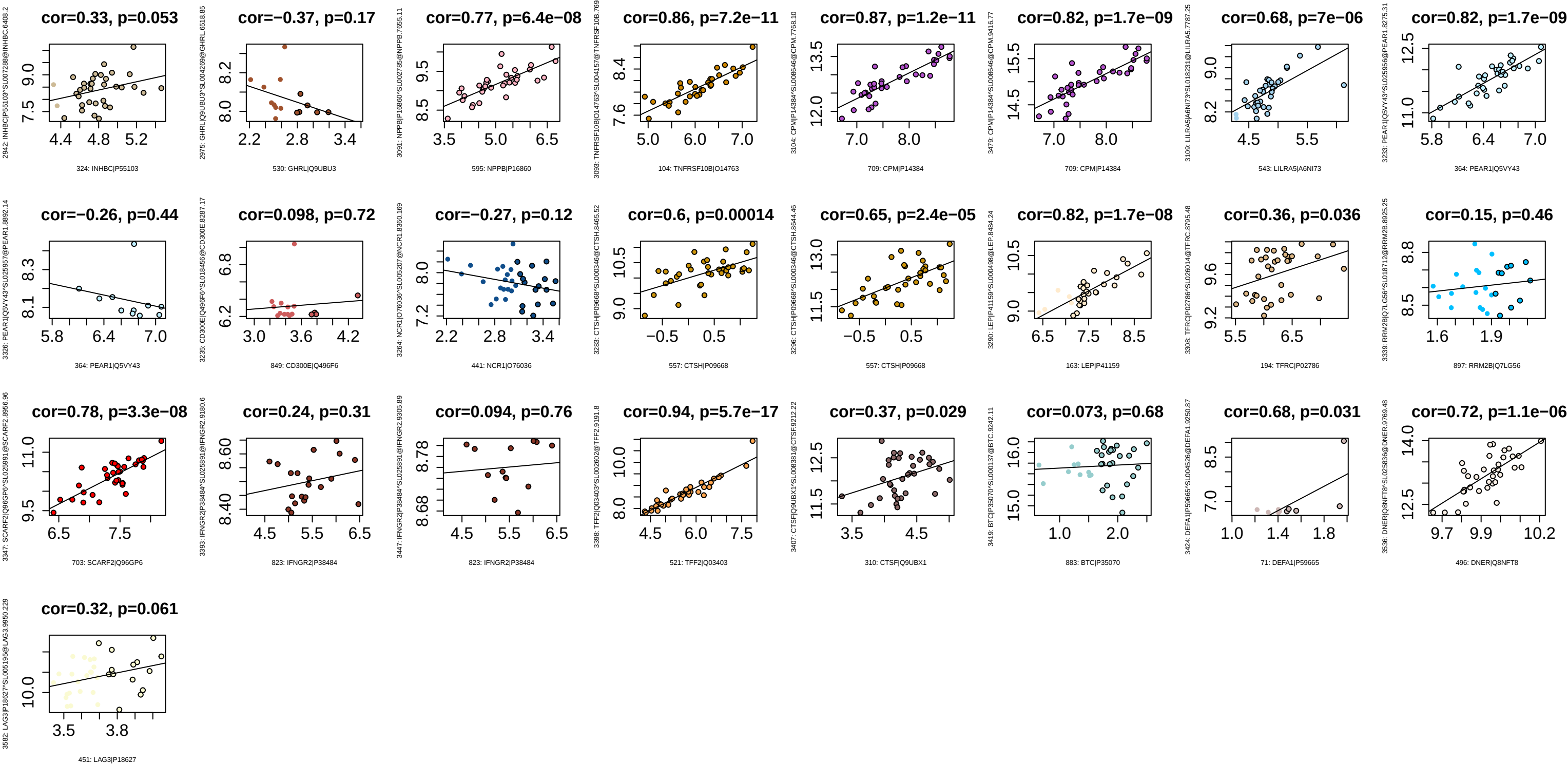


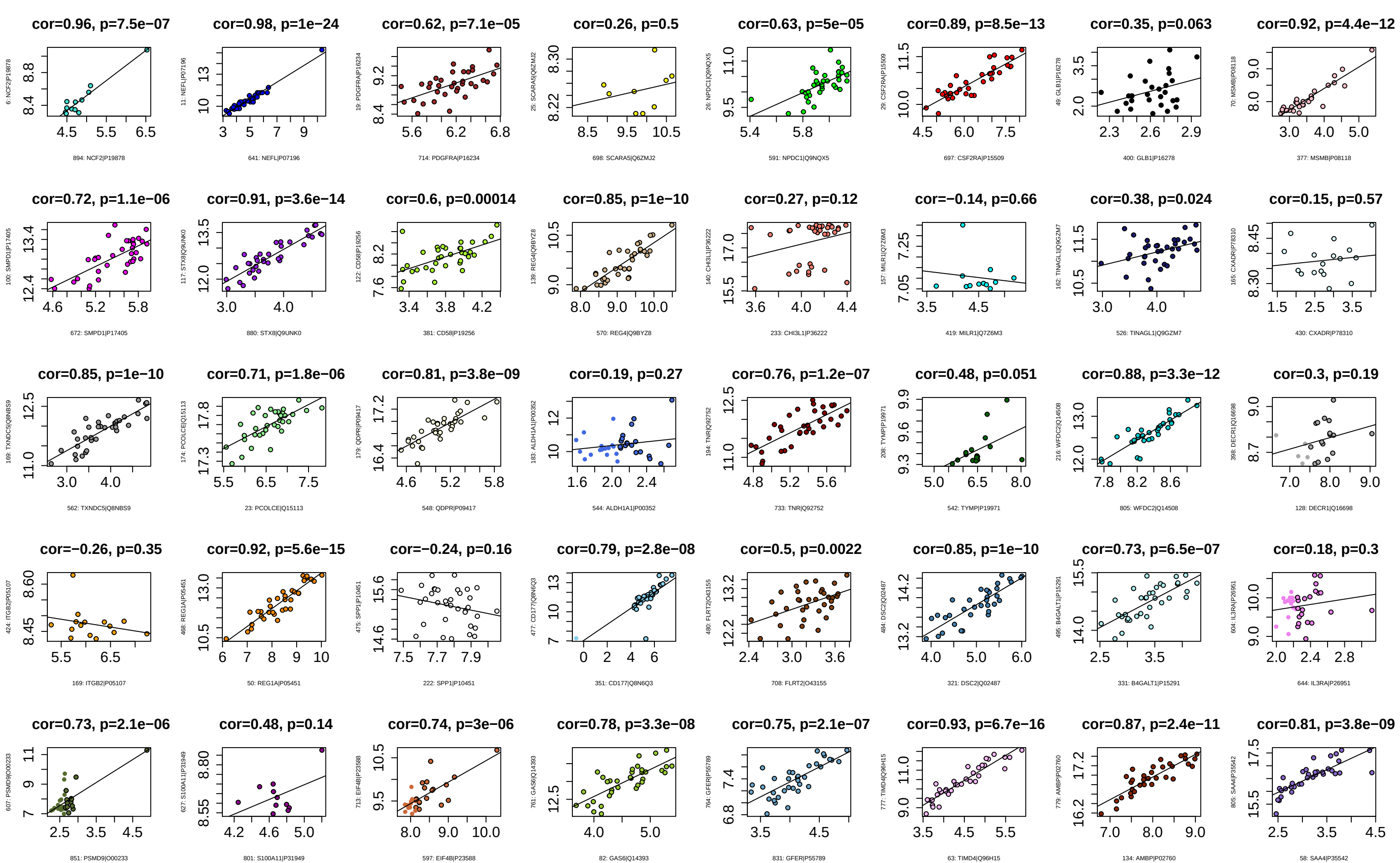


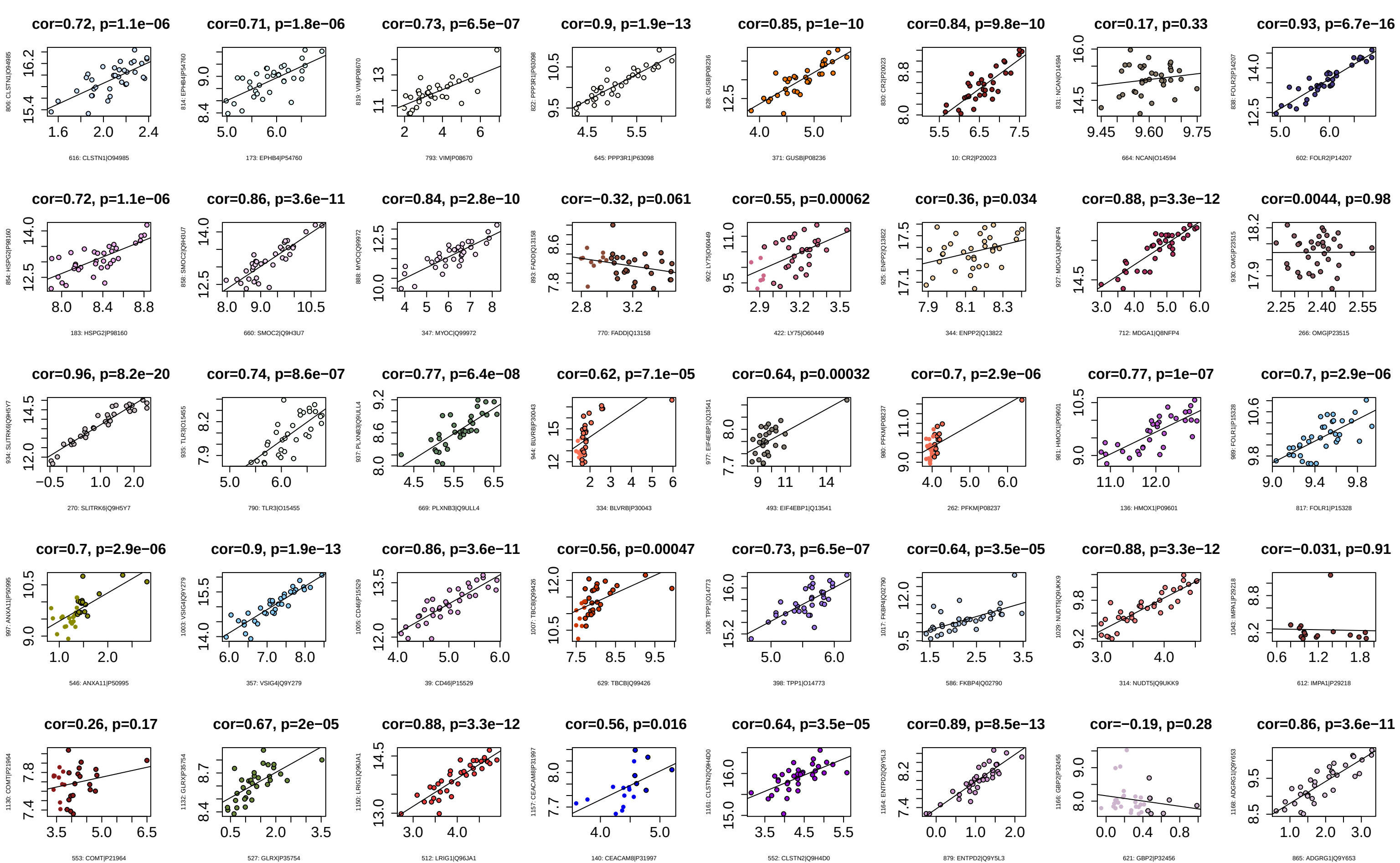


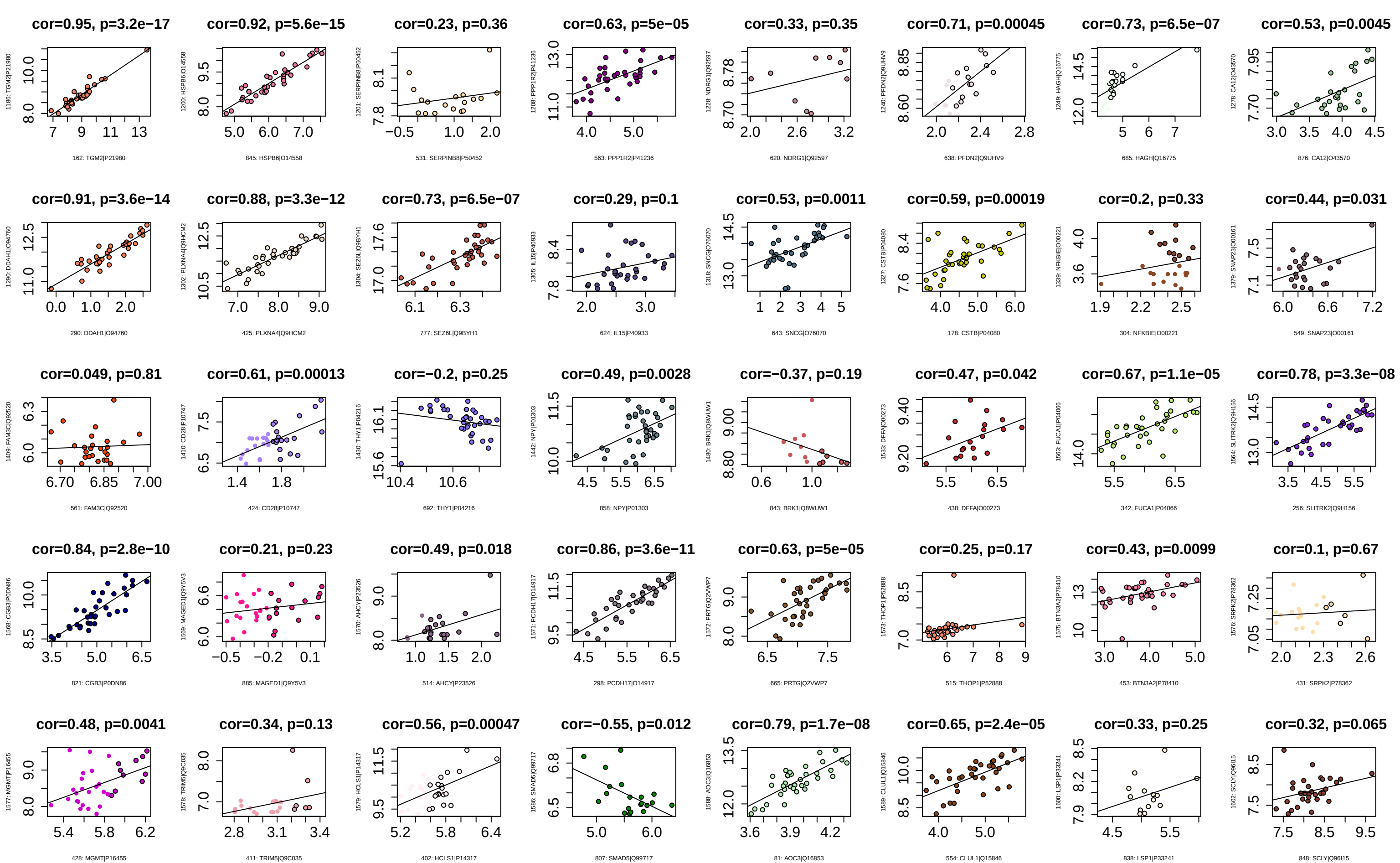


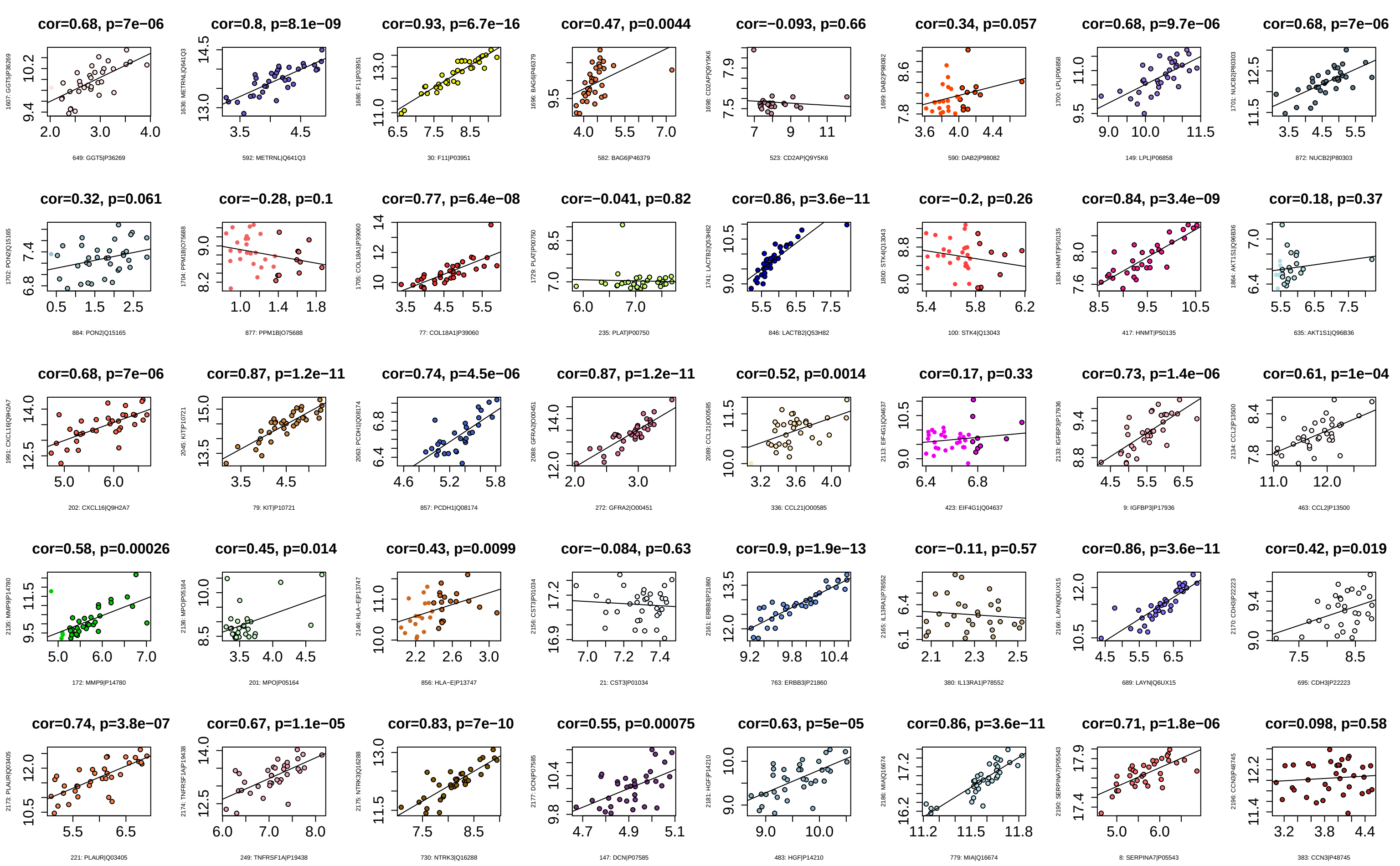


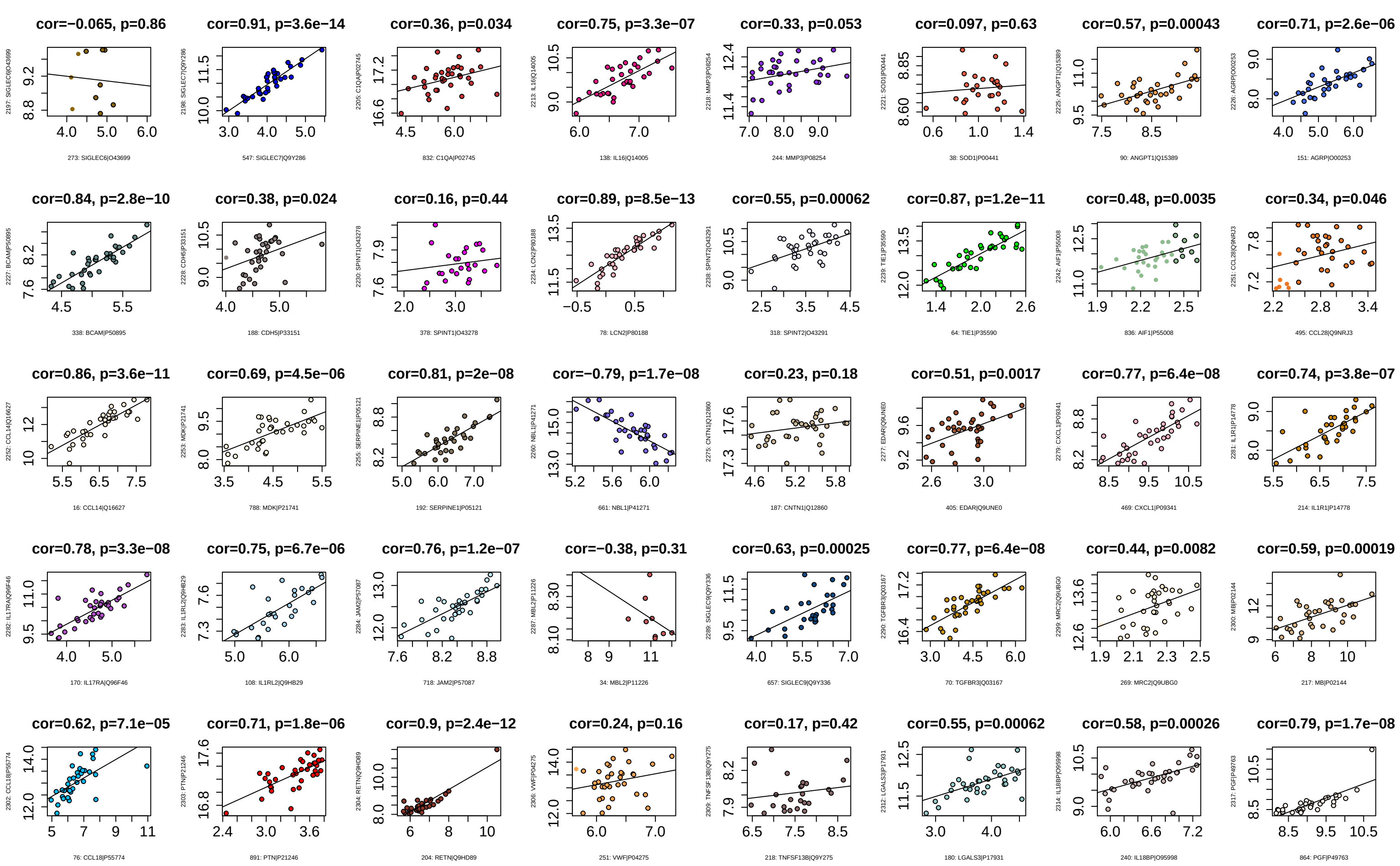


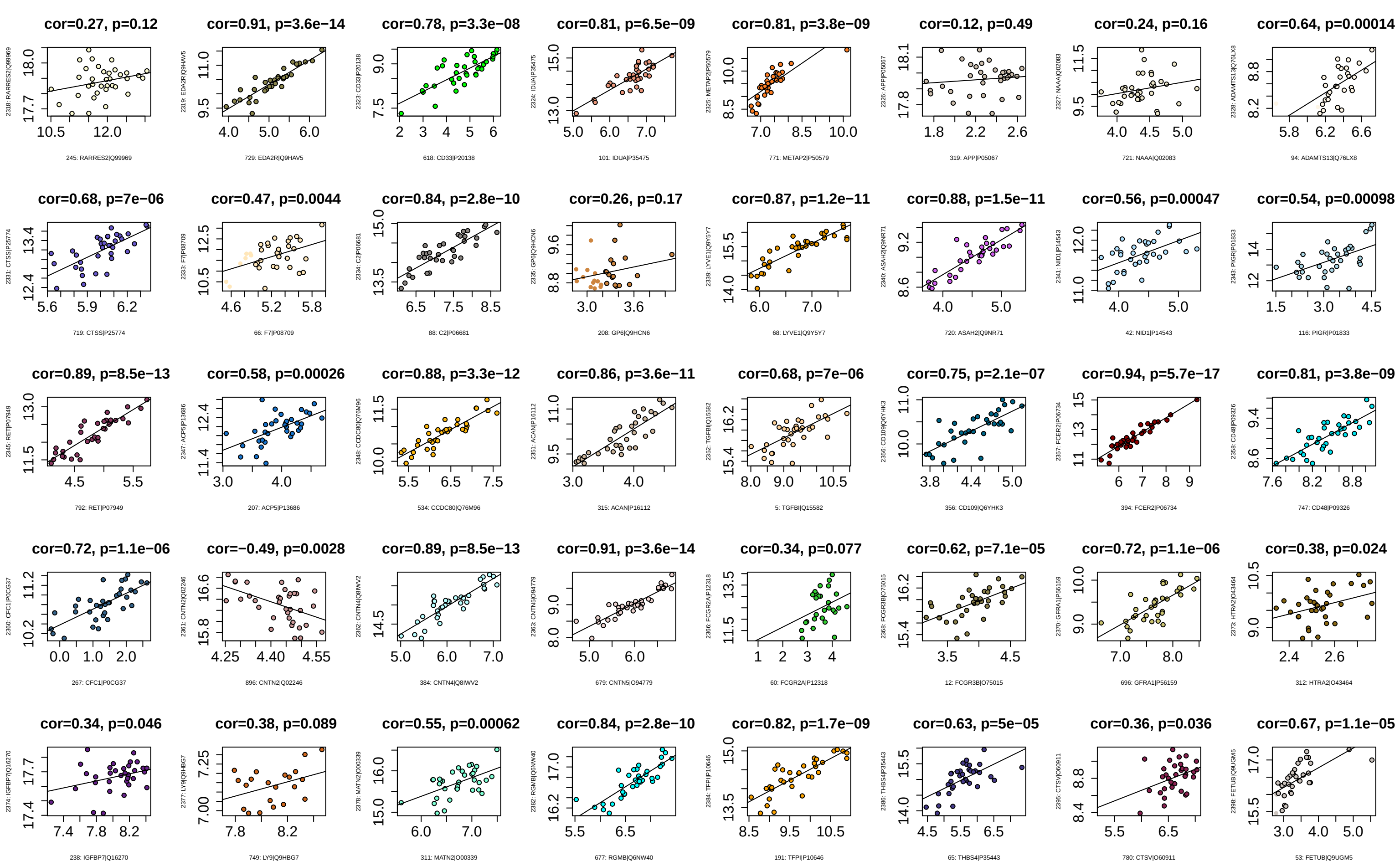


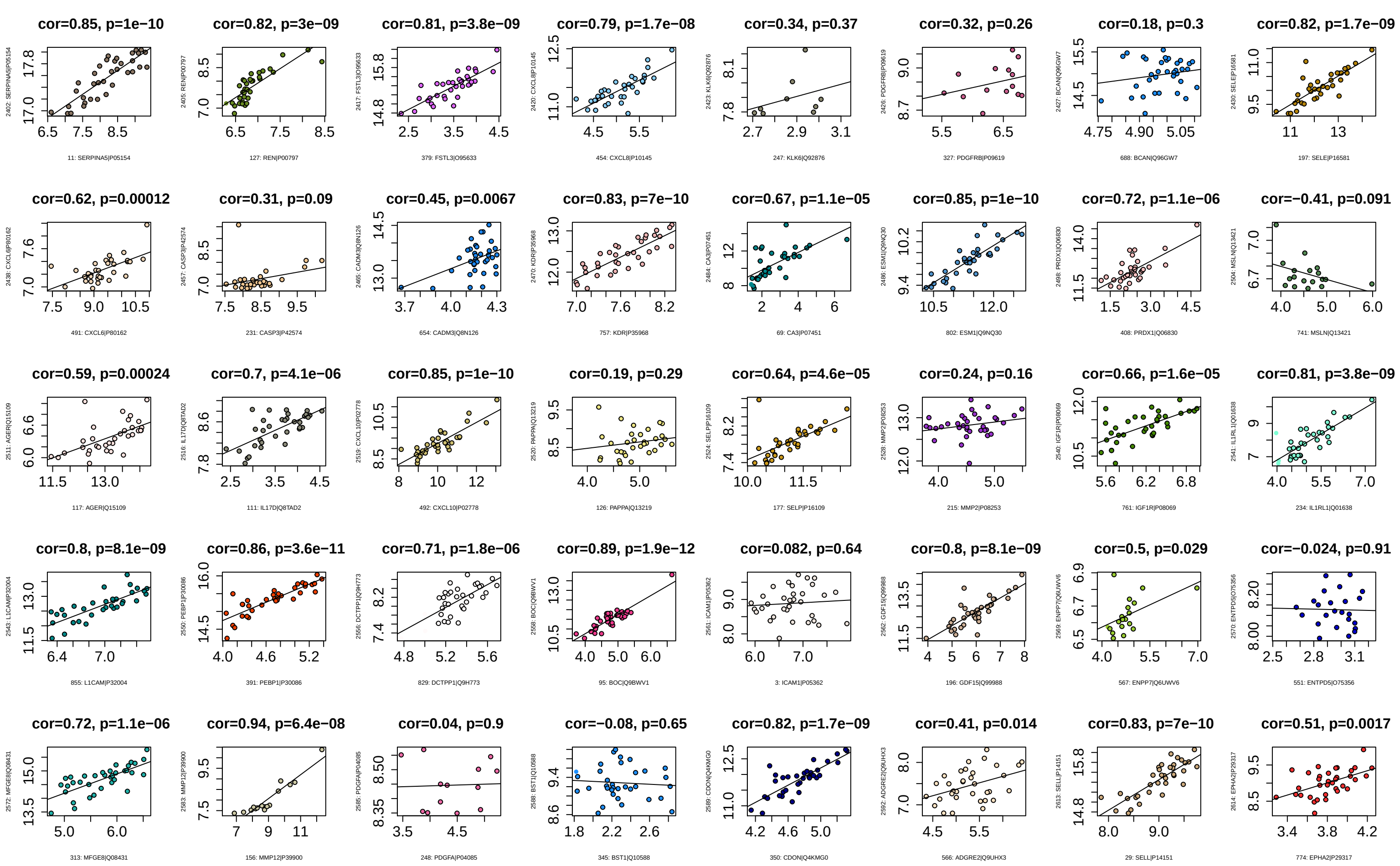


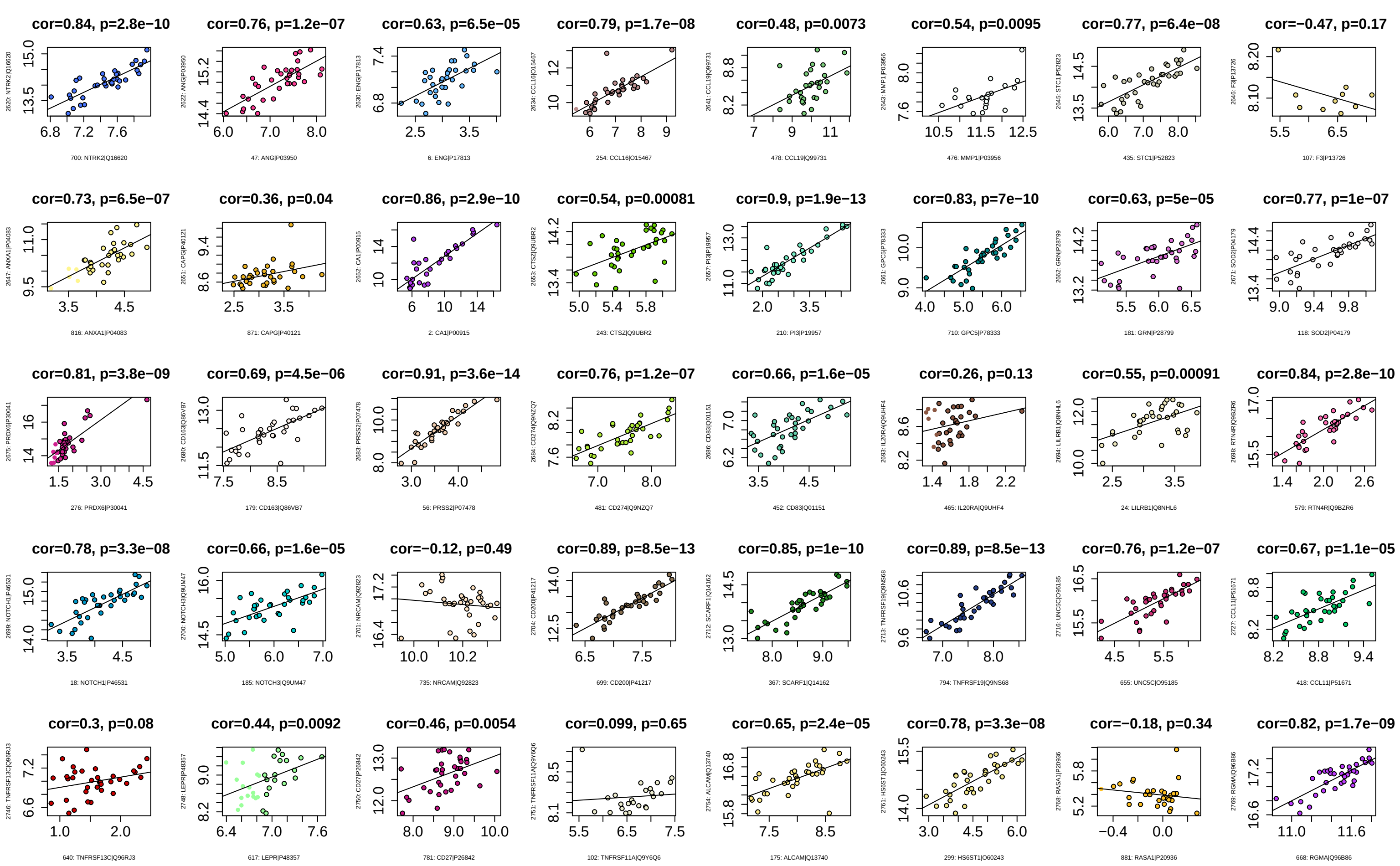


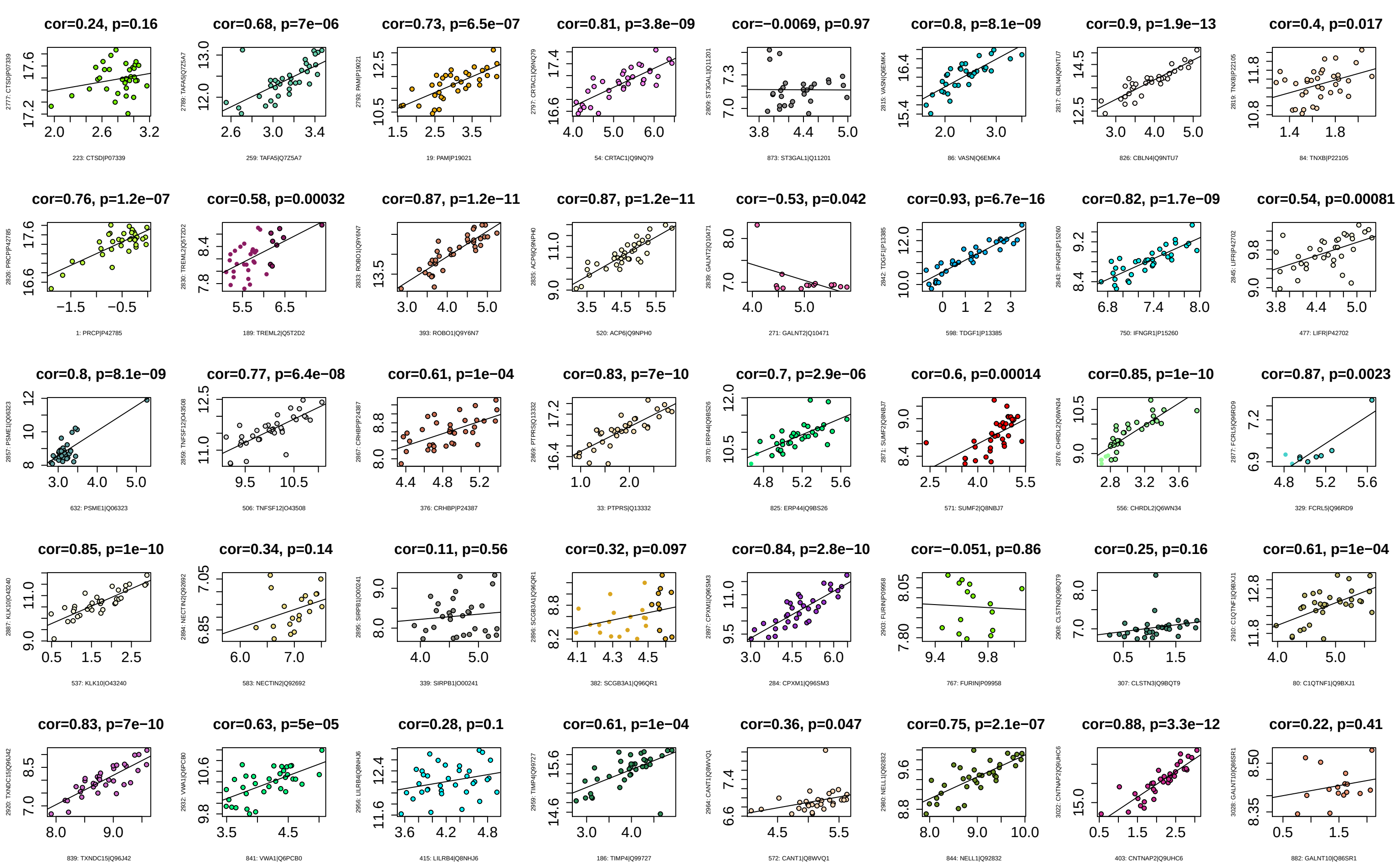


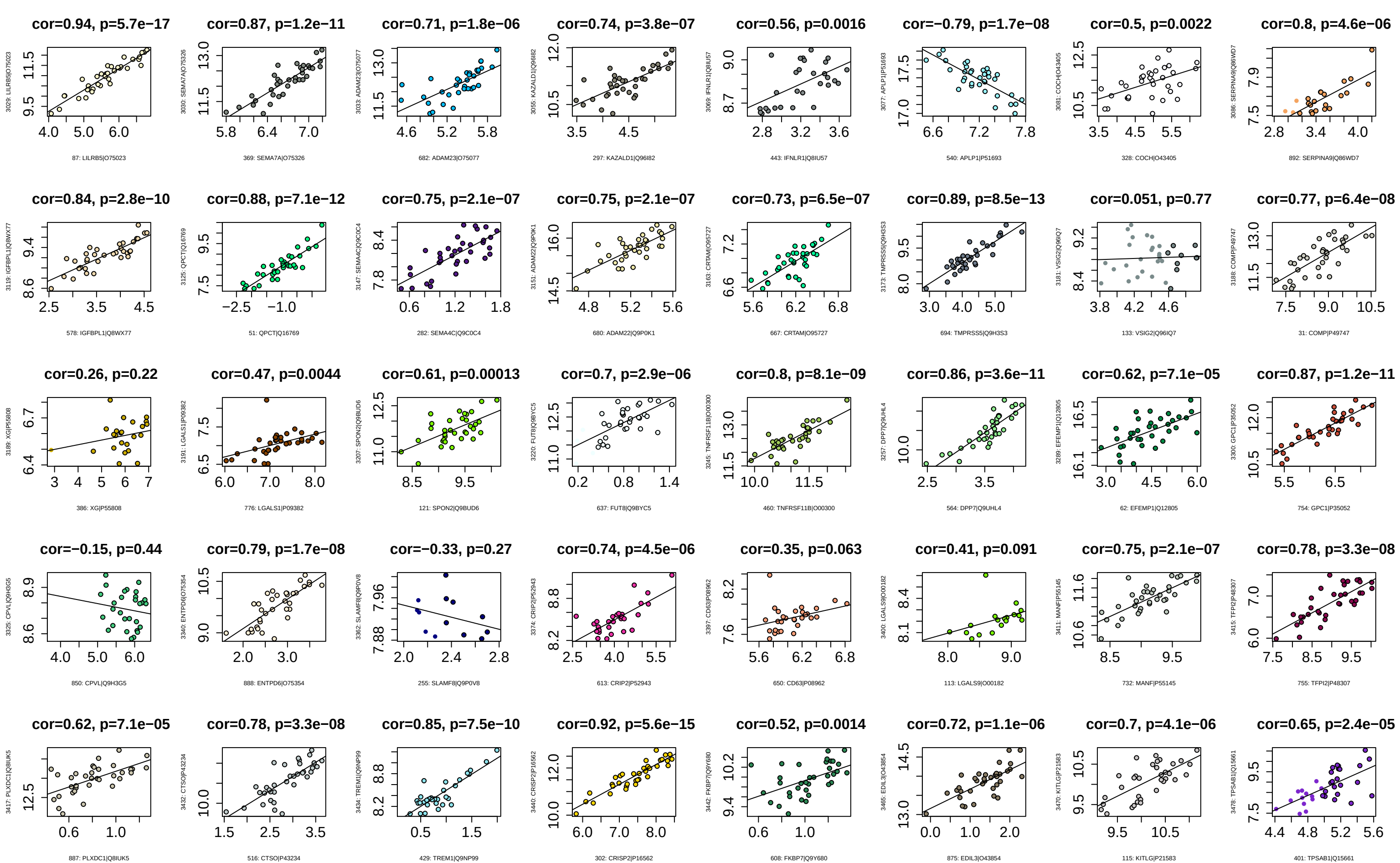


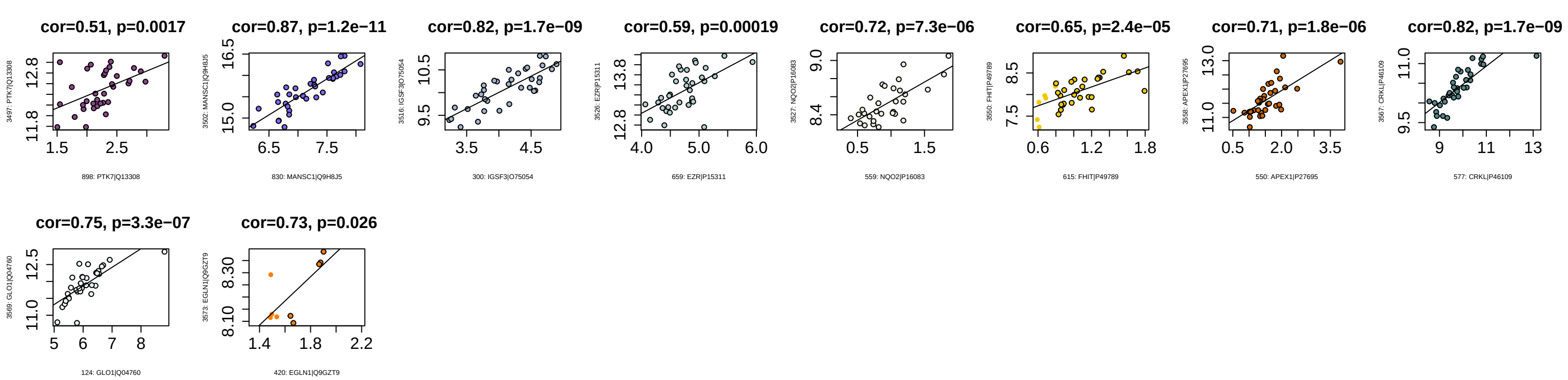






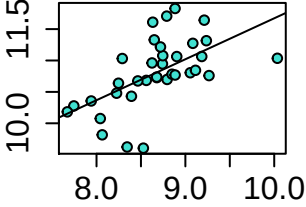






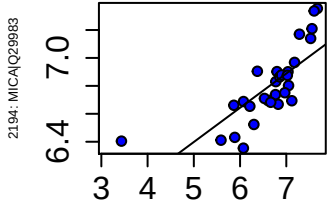
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cor=0.57, p=0.00035



727: IL12A|P29460,P29459

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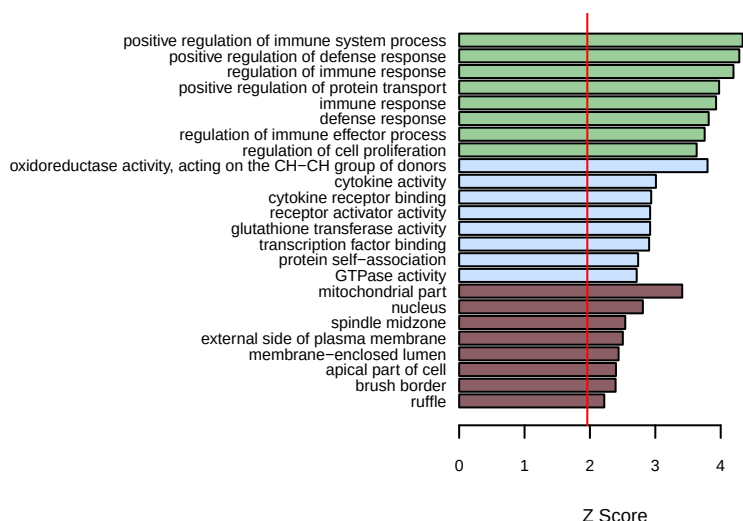


797: MICA|Q29983,Q29980

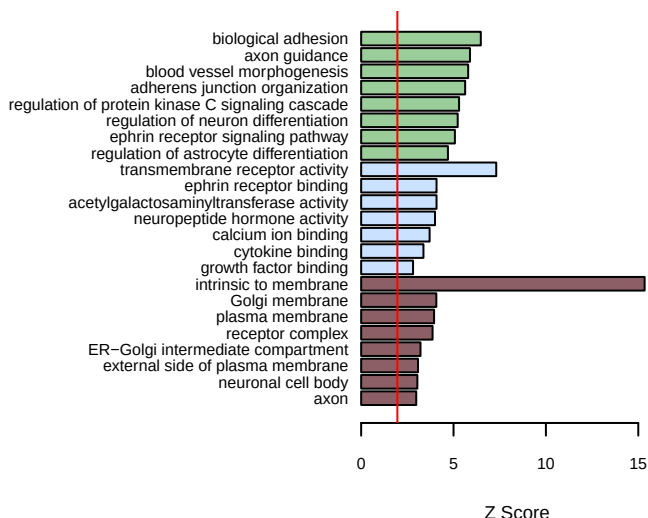
Ontology Types

- Biological Process
- Molecular Function
- Cellular Component

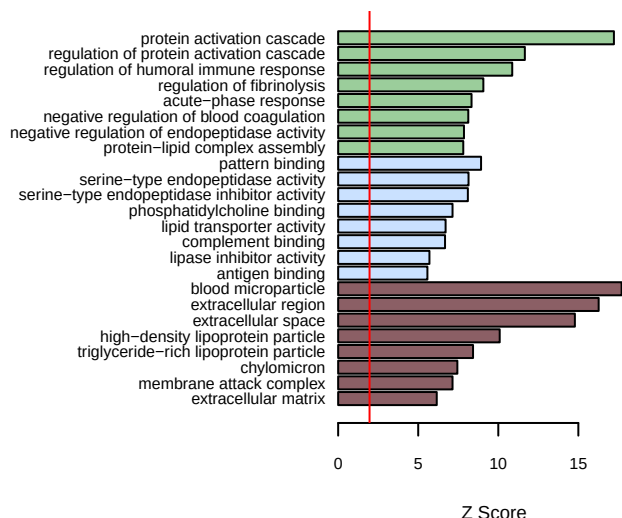
M1 turquoise



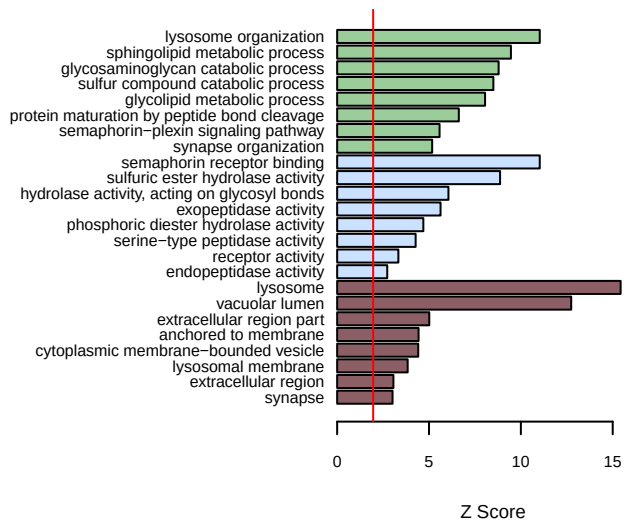
M2 blue



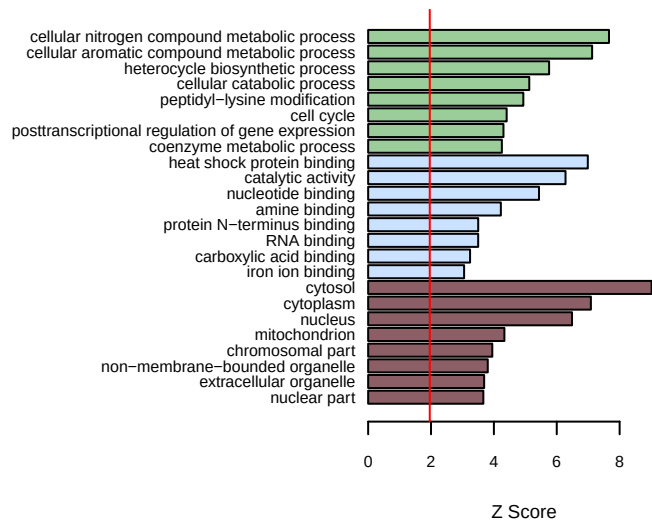
M3 brown



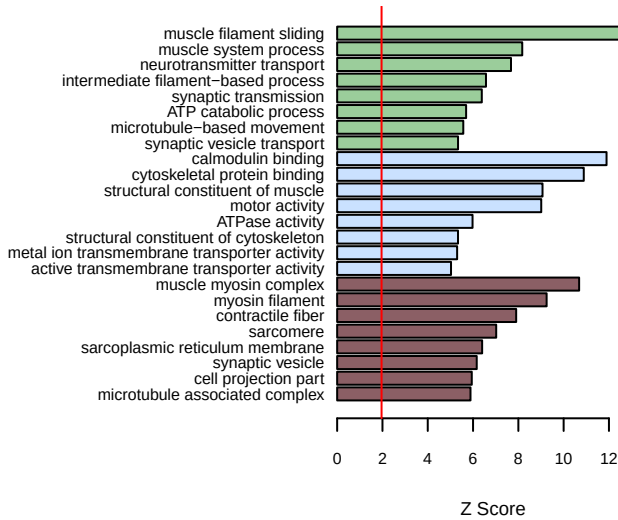
M4 yellow



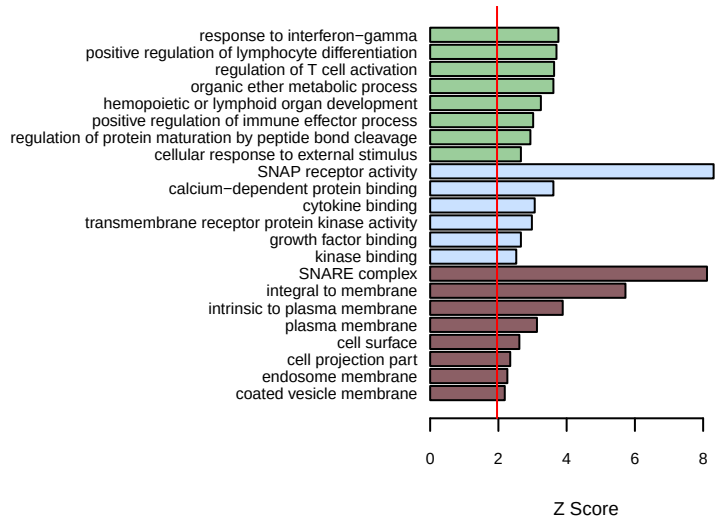
M5 green



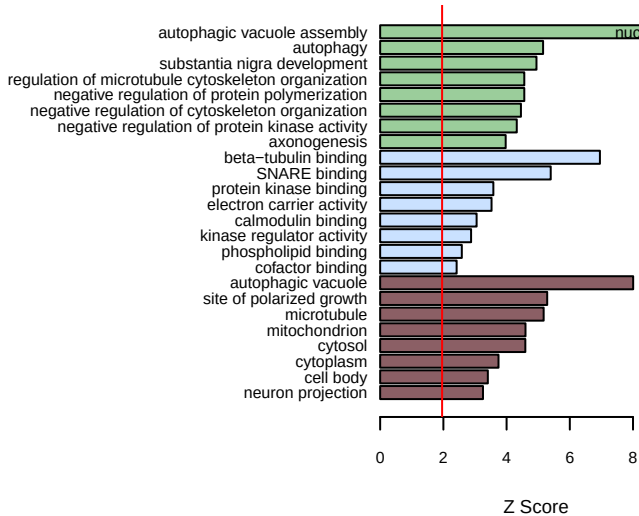
M6 red



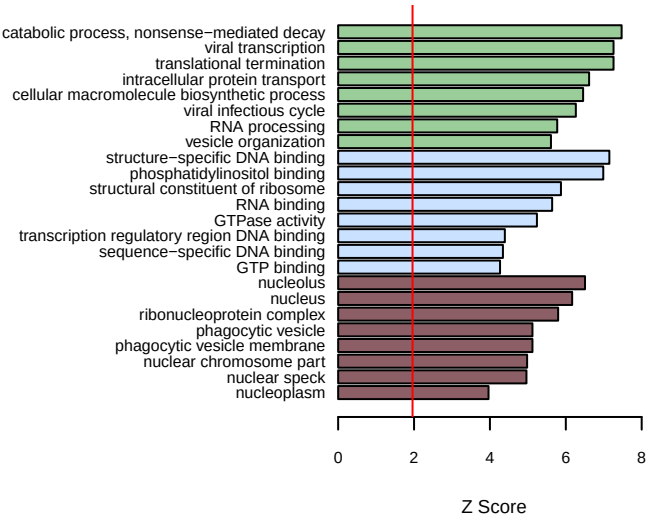
M7 black



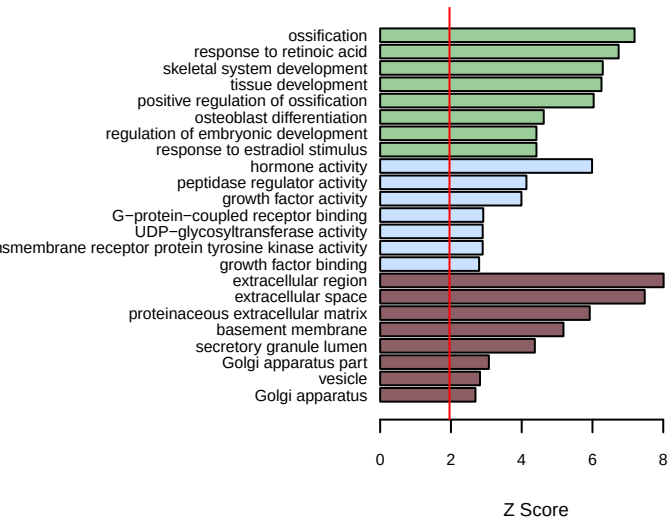
M8 pink



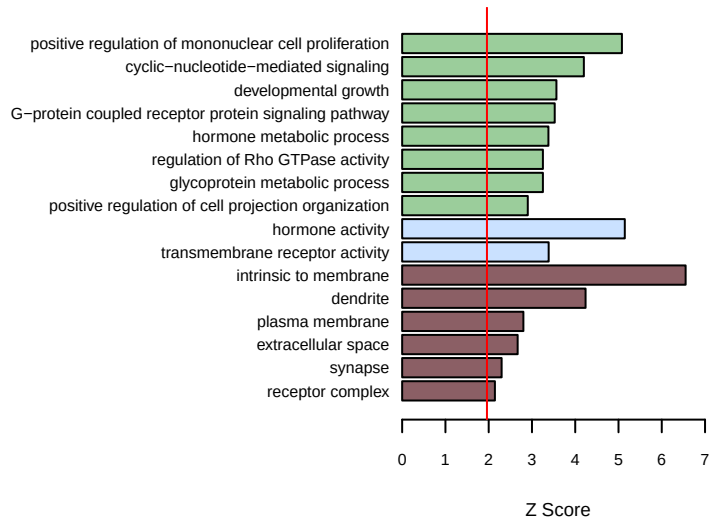
M9 magenta



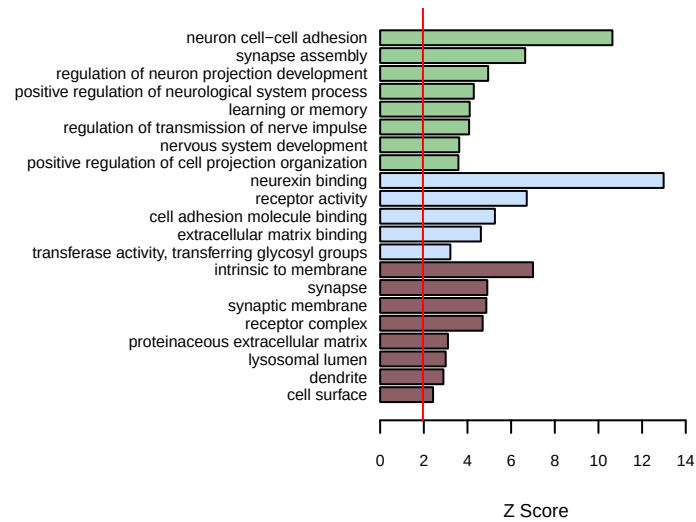
M10 purple



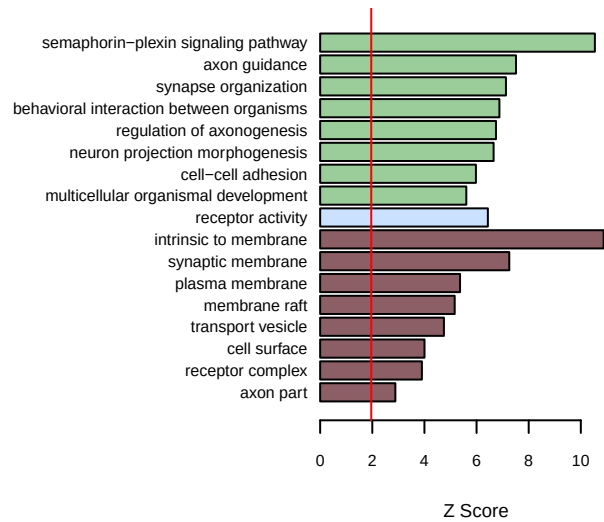
M11 greenyellow



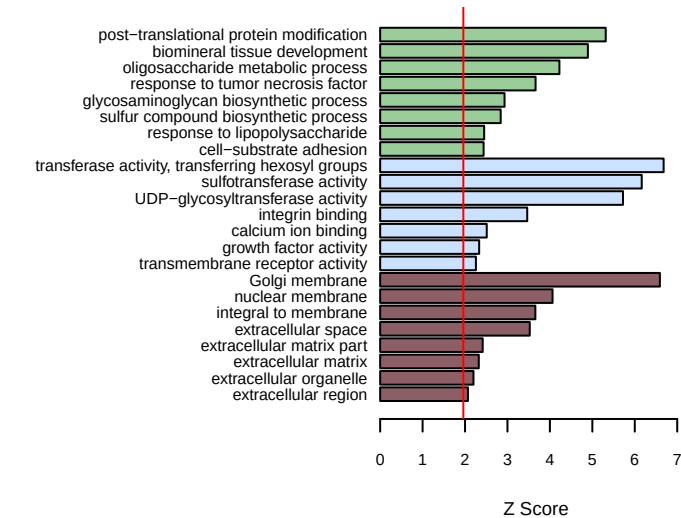
M12 tan



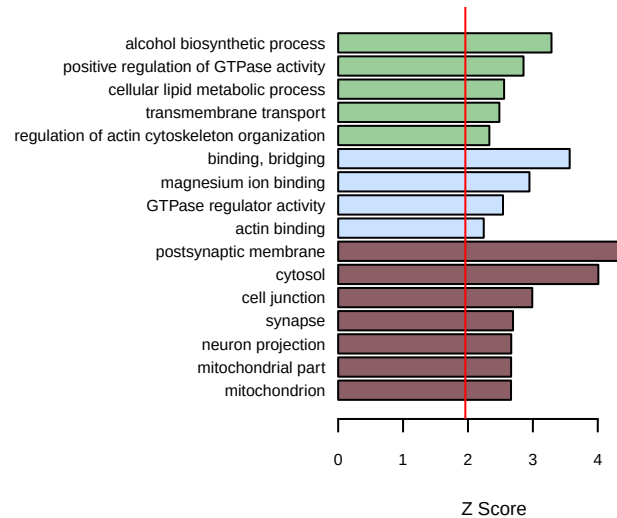
M13 salmon



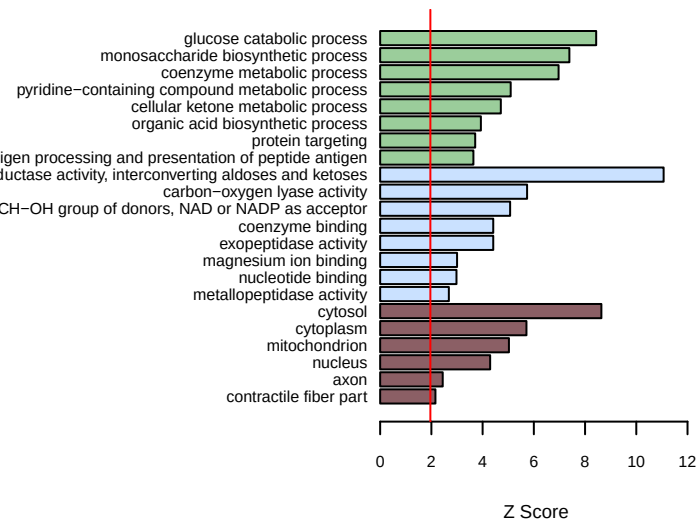
M14 cyan



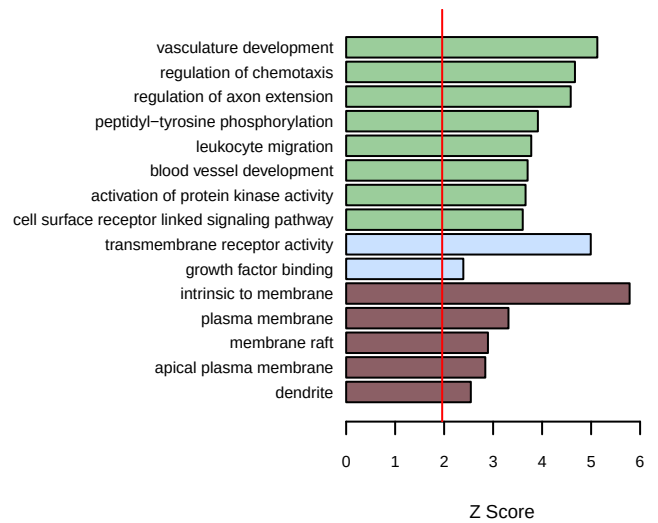
M15 midnightblue



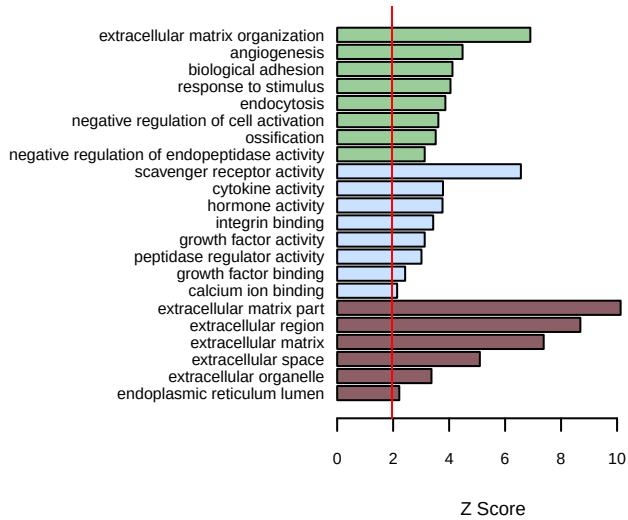
M16 lightcyan



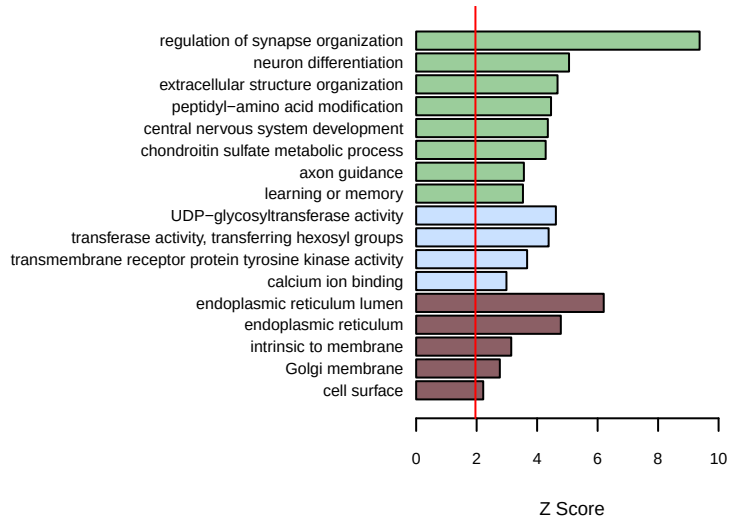
M17 grey60



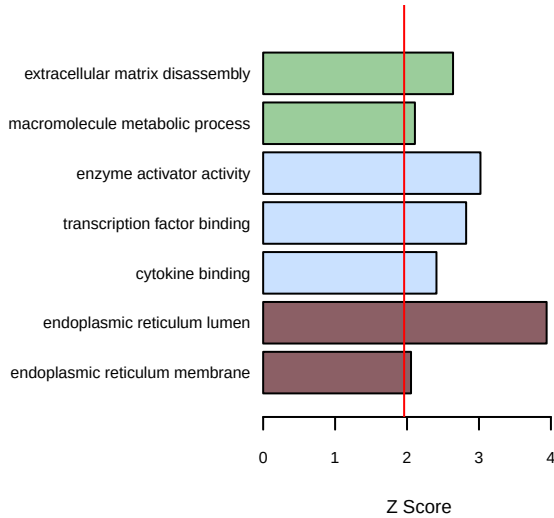
M18 lightgreen



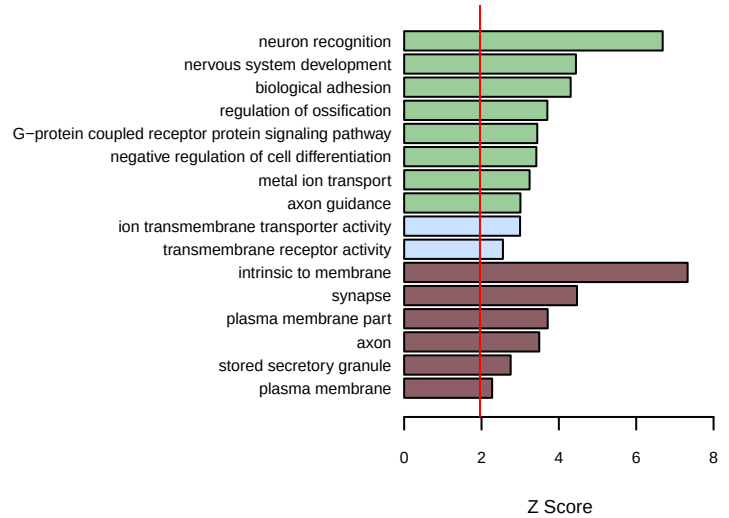
M19 lightyellow



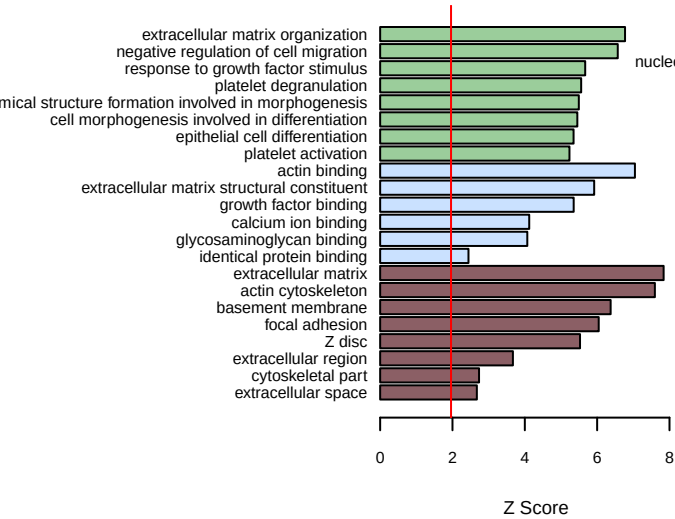
M20 royalblue



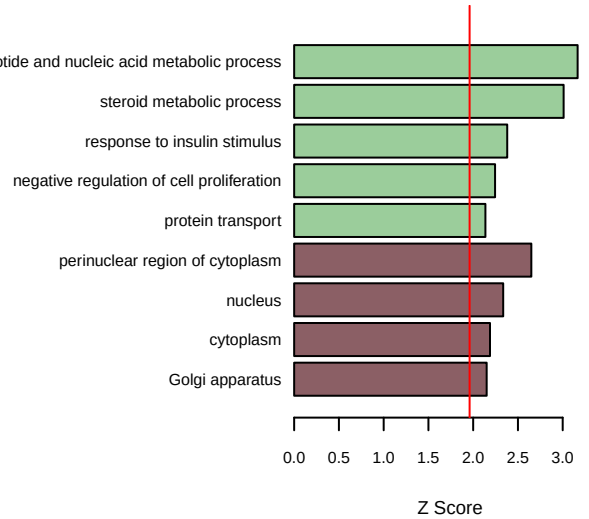
M21 darkred

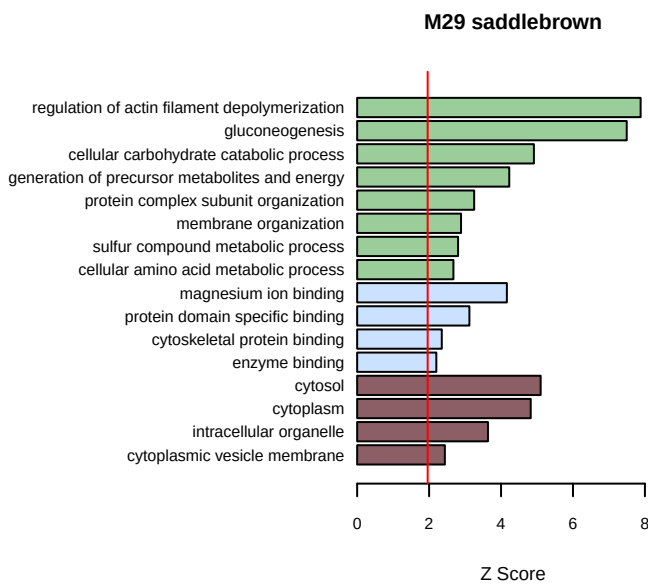
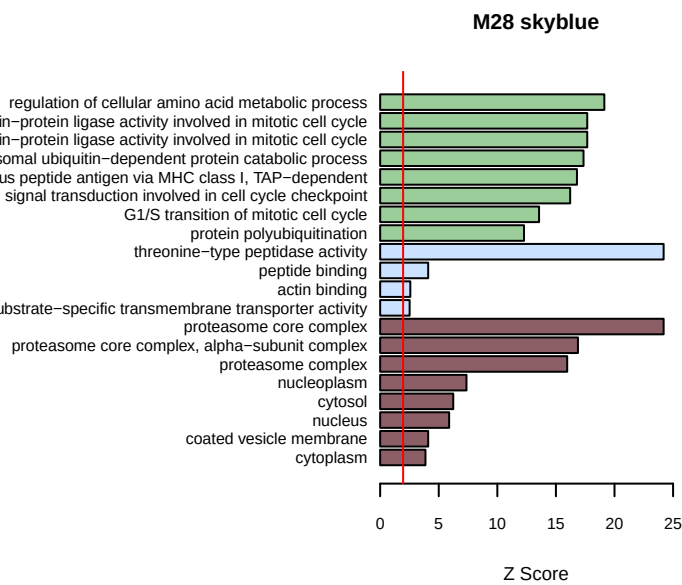
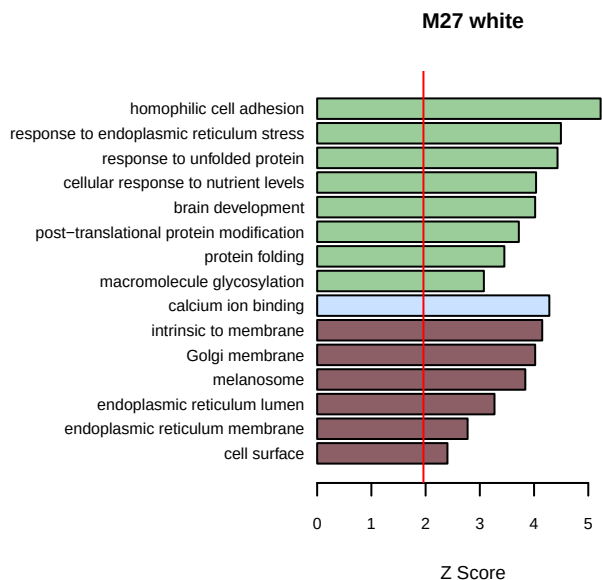
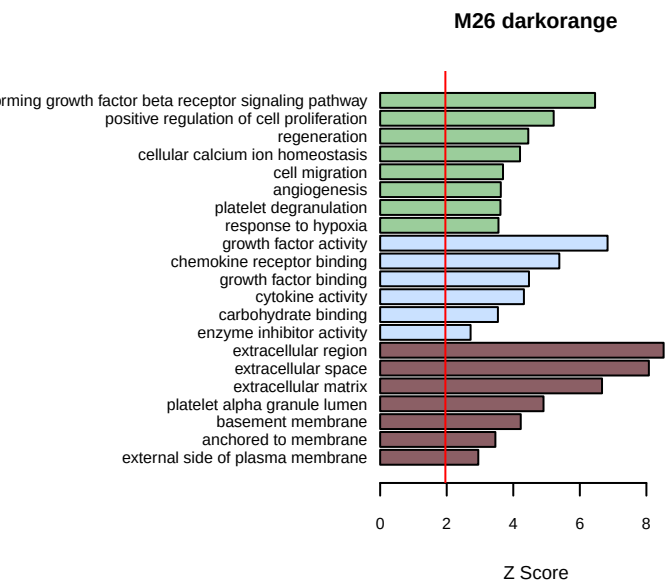
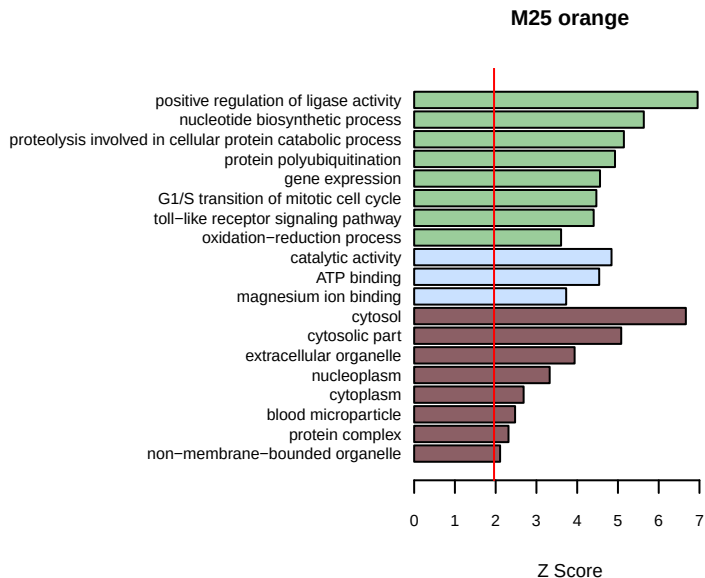
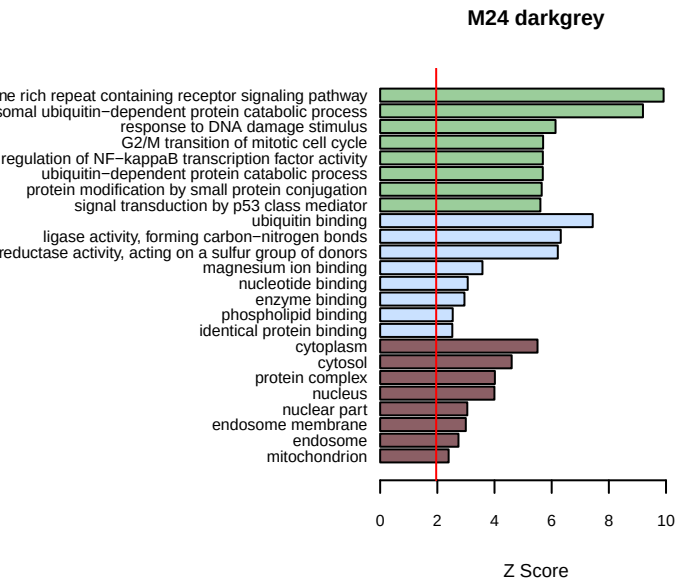


M22 darkgreen

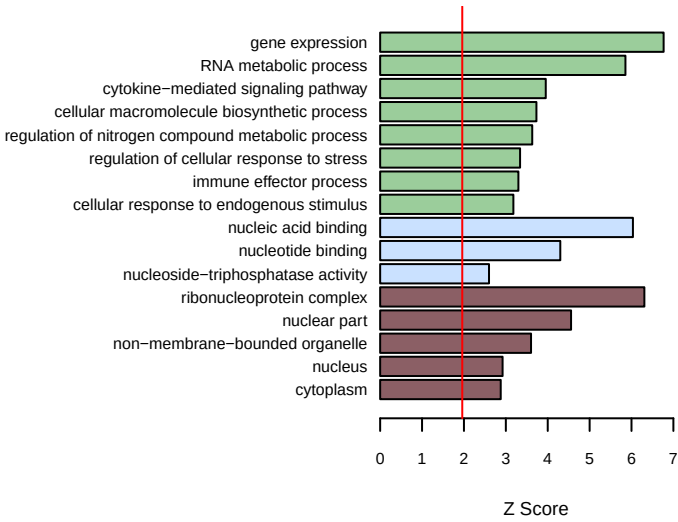


M23 darkturquoise

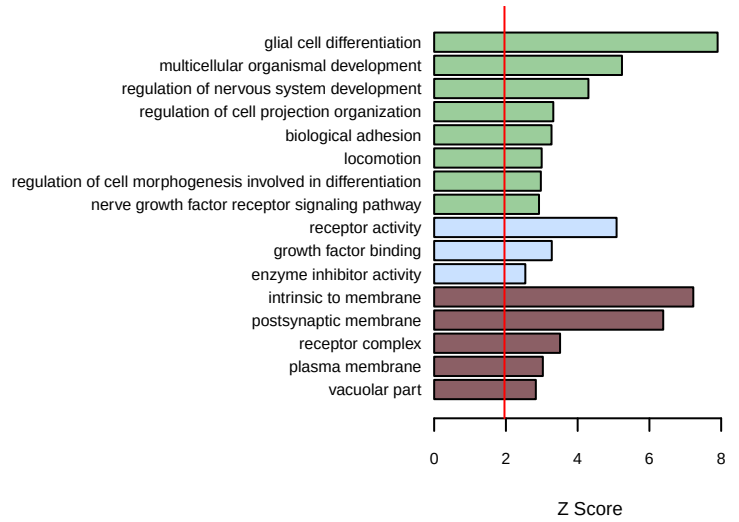




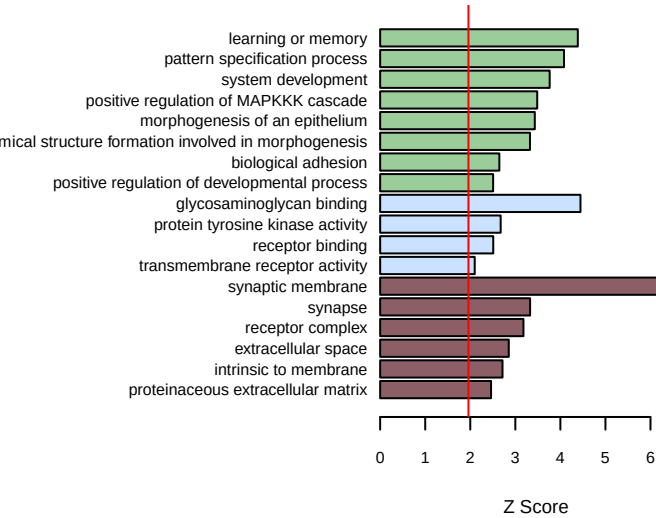
M30 steelblue



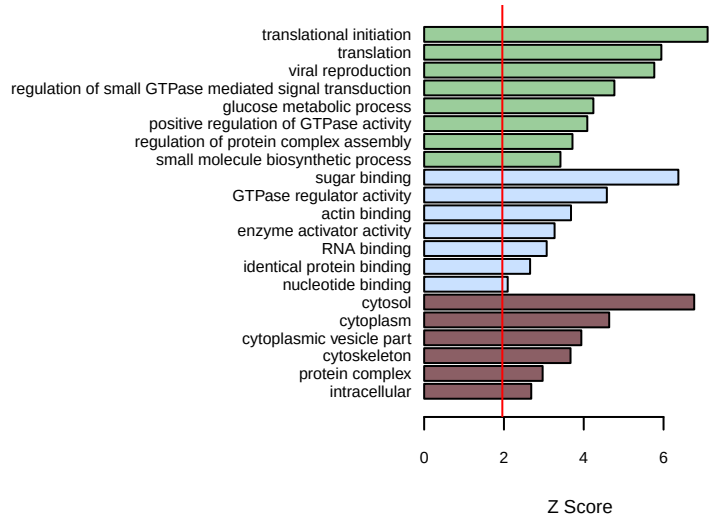
M31 paleturquoise



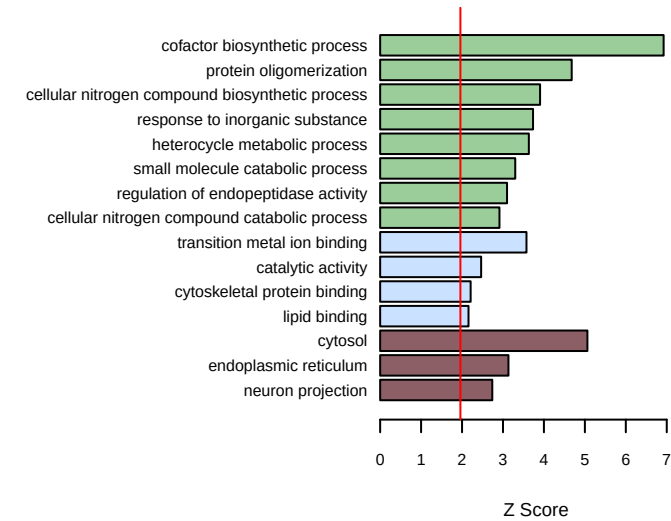
M32 violet



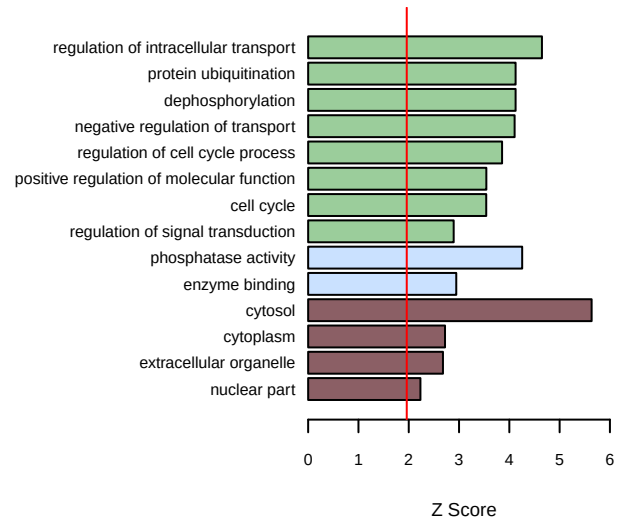
M33 darkolivegreen



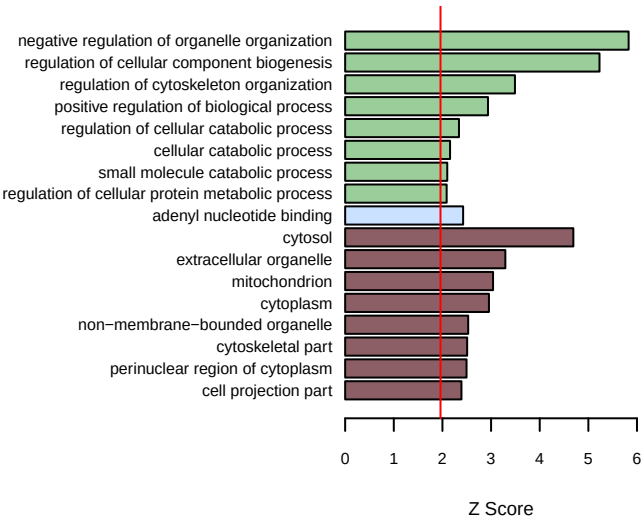
M34 darkmagenta



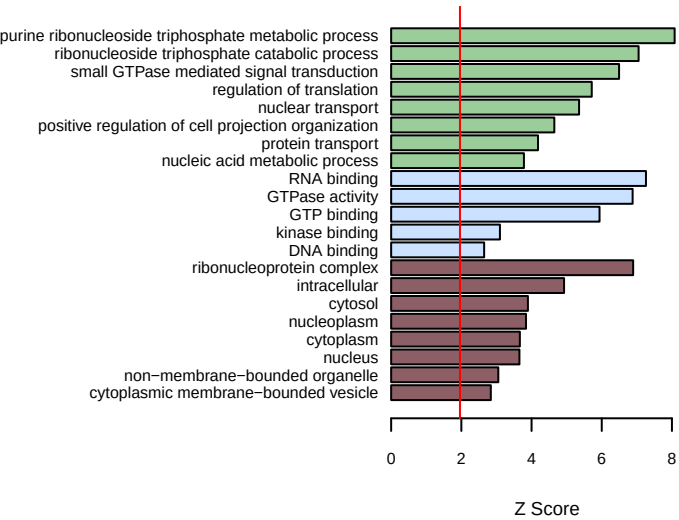
M35 sienna3



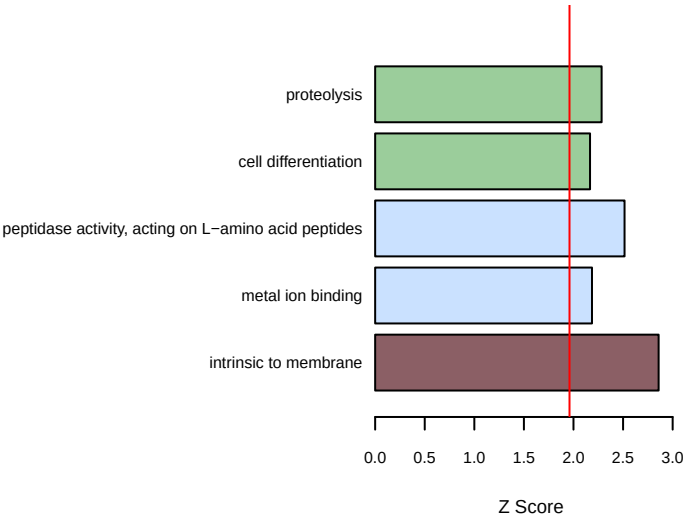
M36 yellowgreen

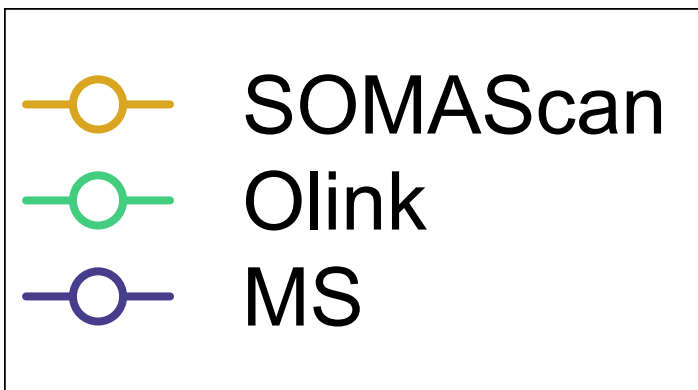


M37 skyblue3

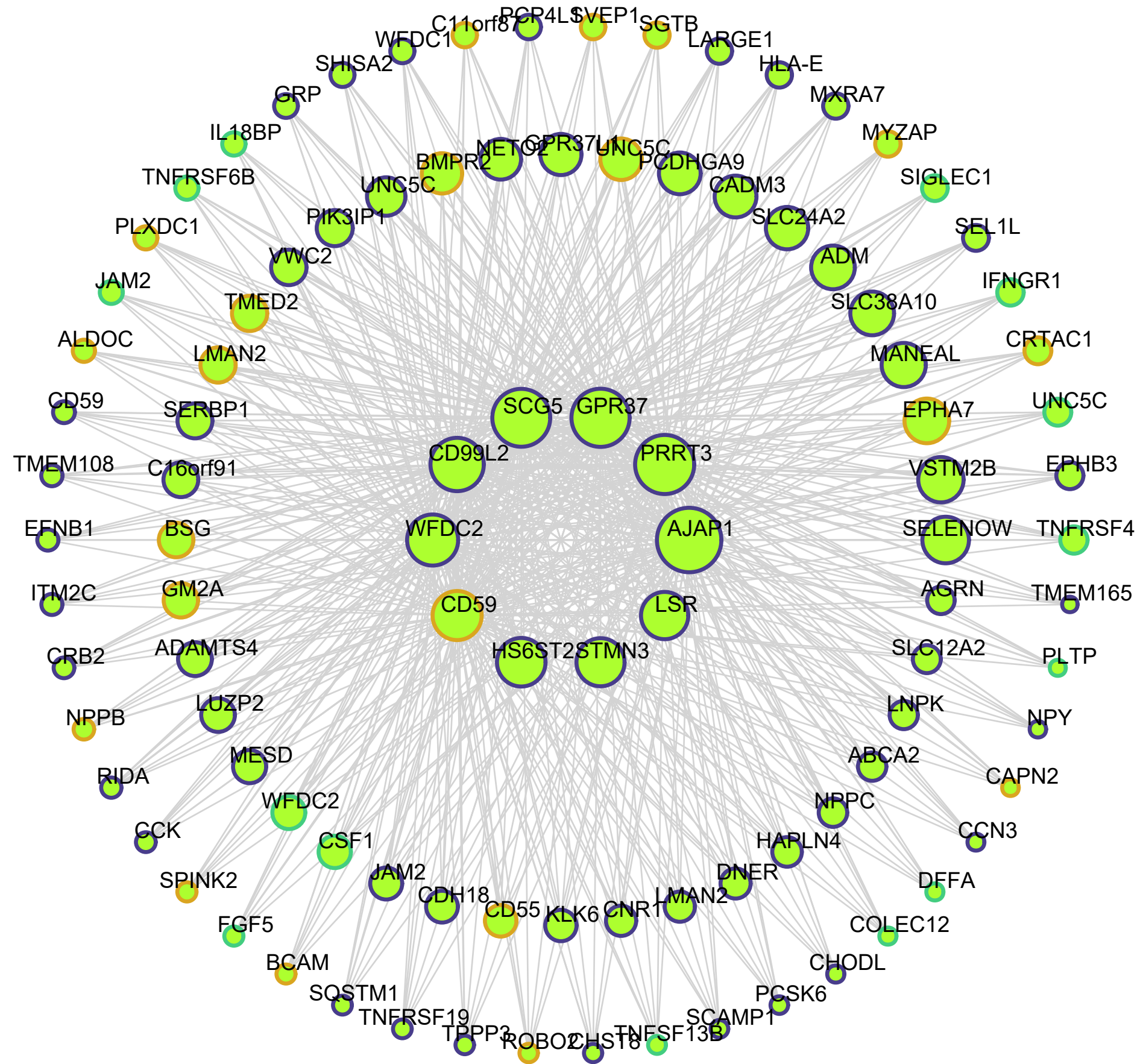


M38 plum1

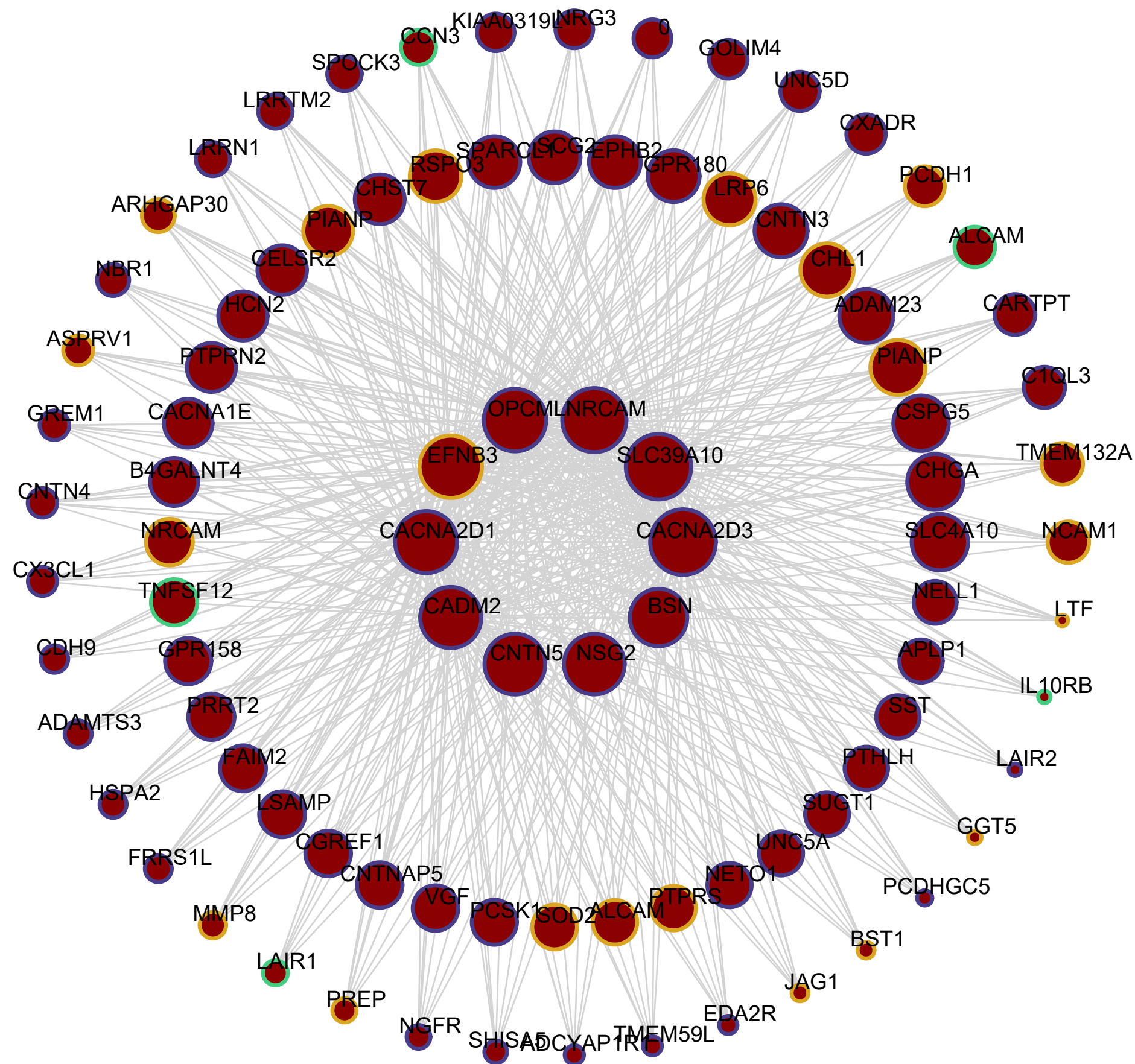




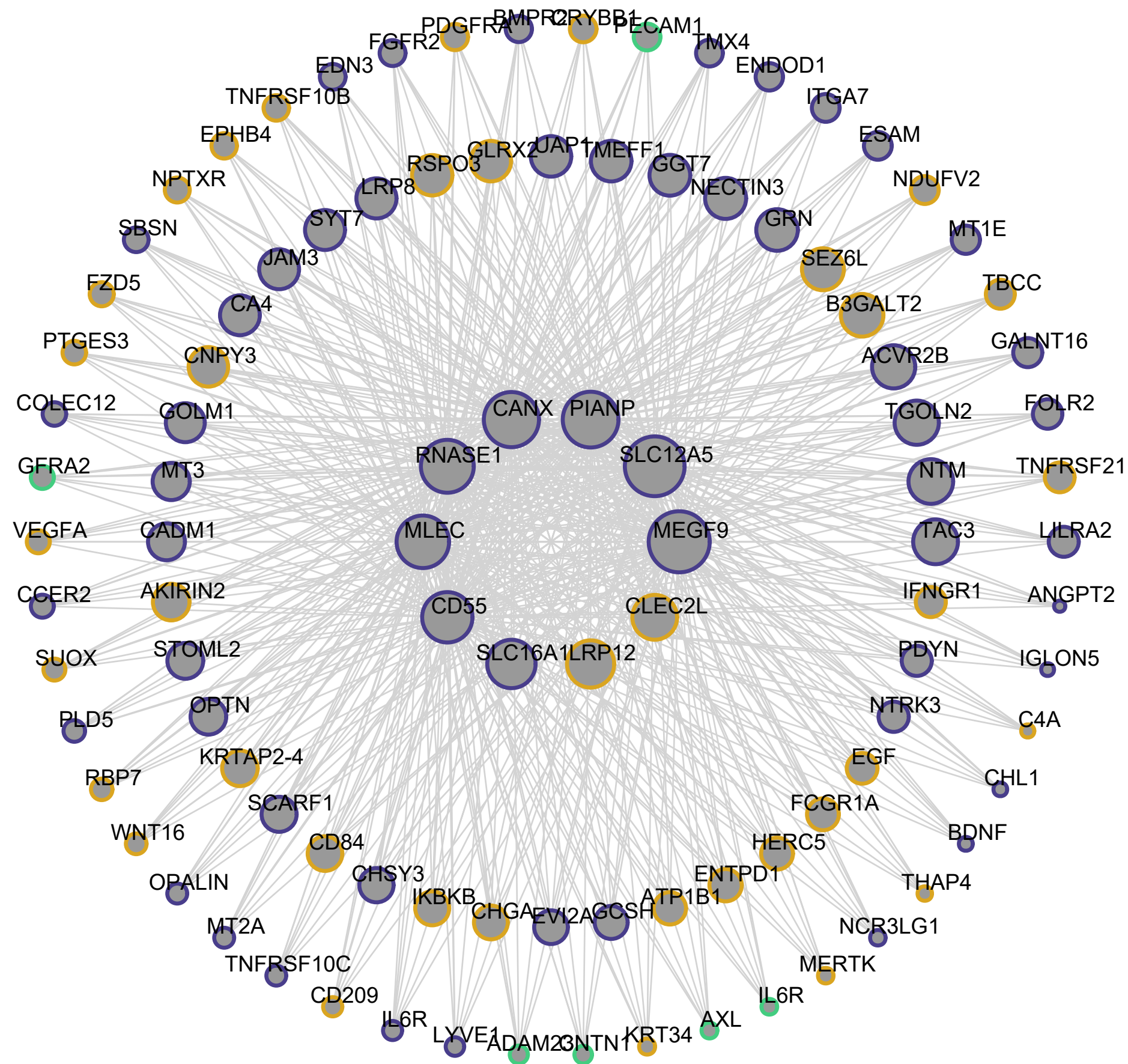
M11 greenyellow module: Ambiguous



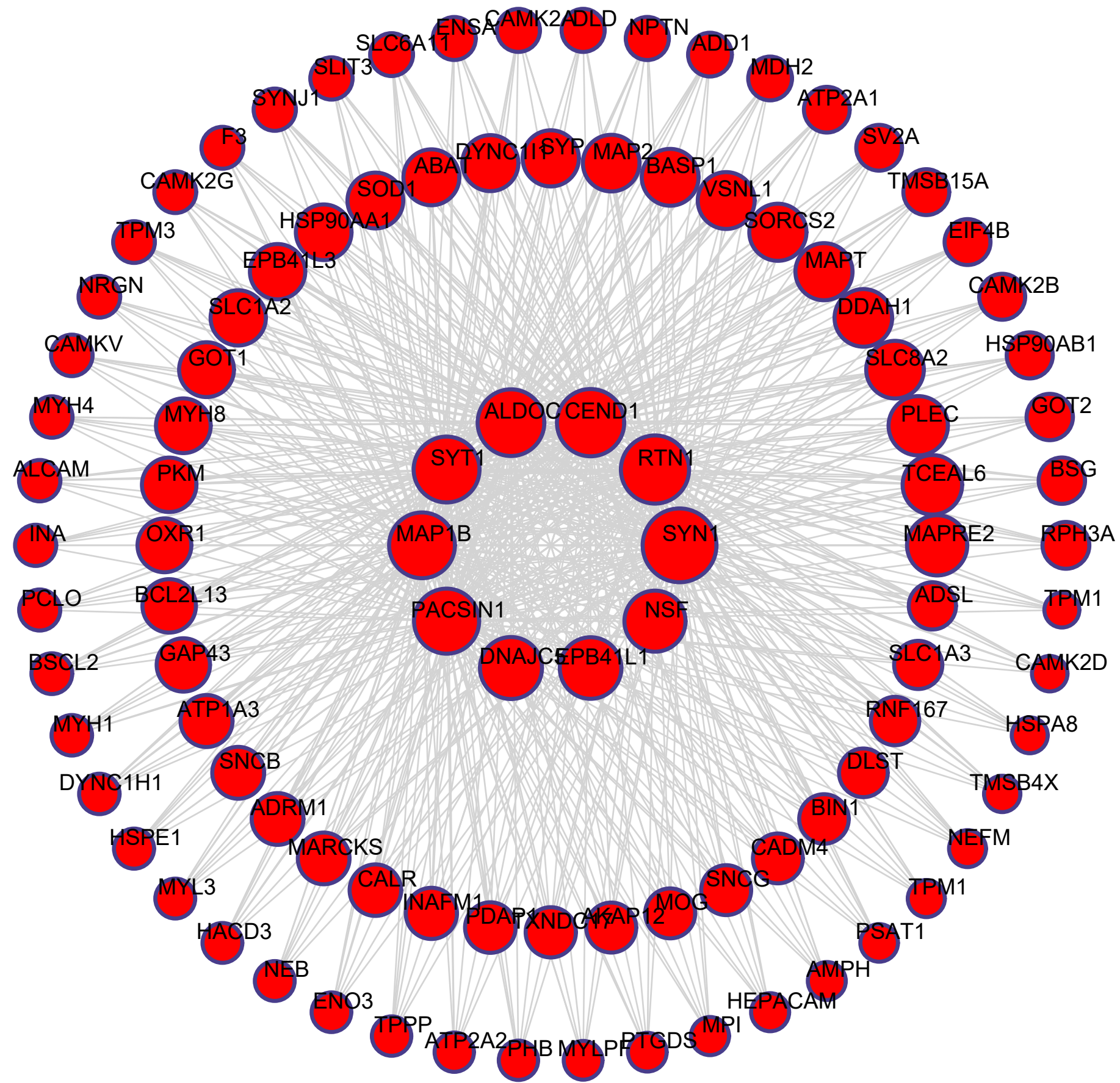
M21 darkred module: Neuron Recognition



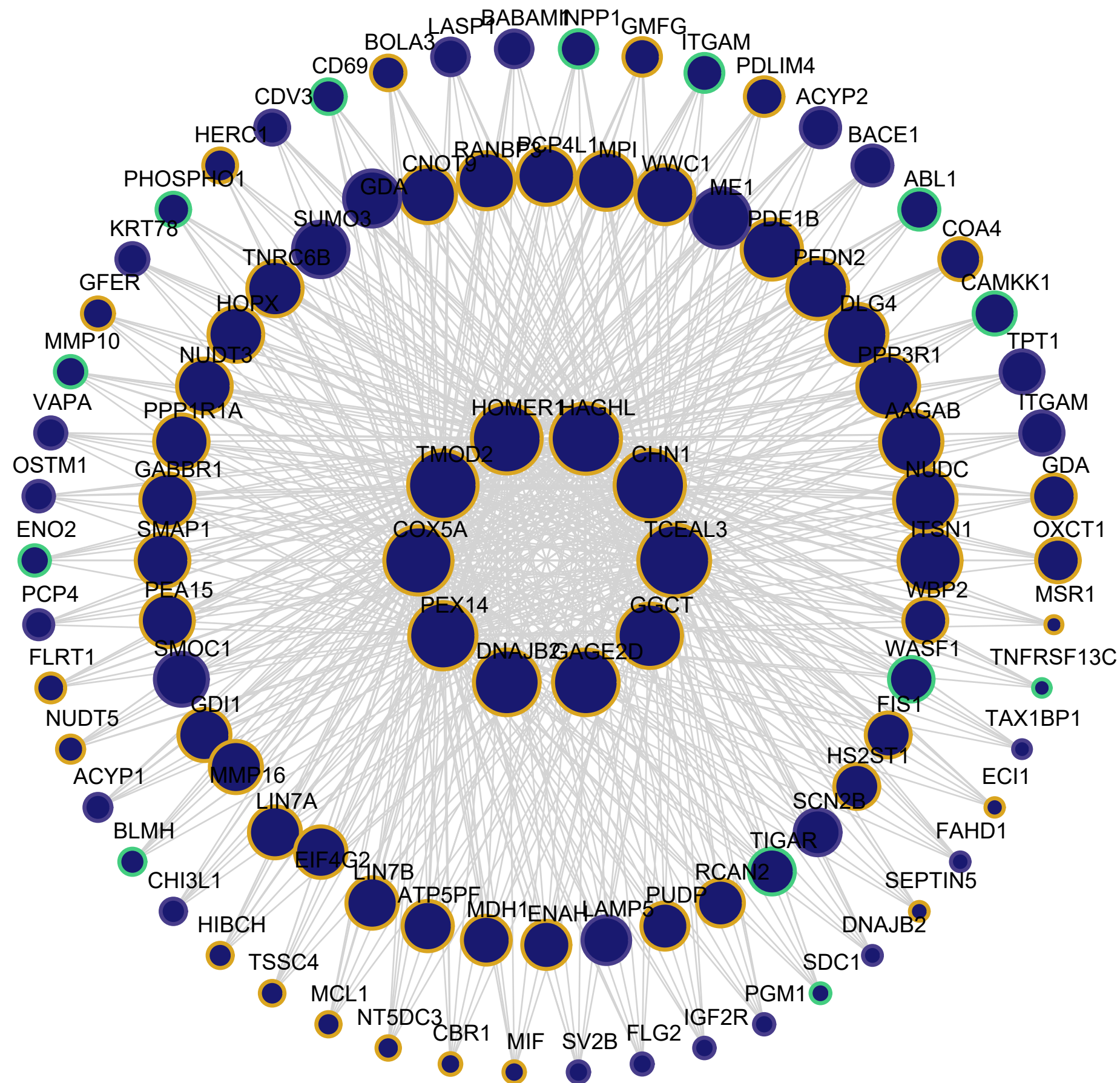
M17 grey60 module: Ambiguous



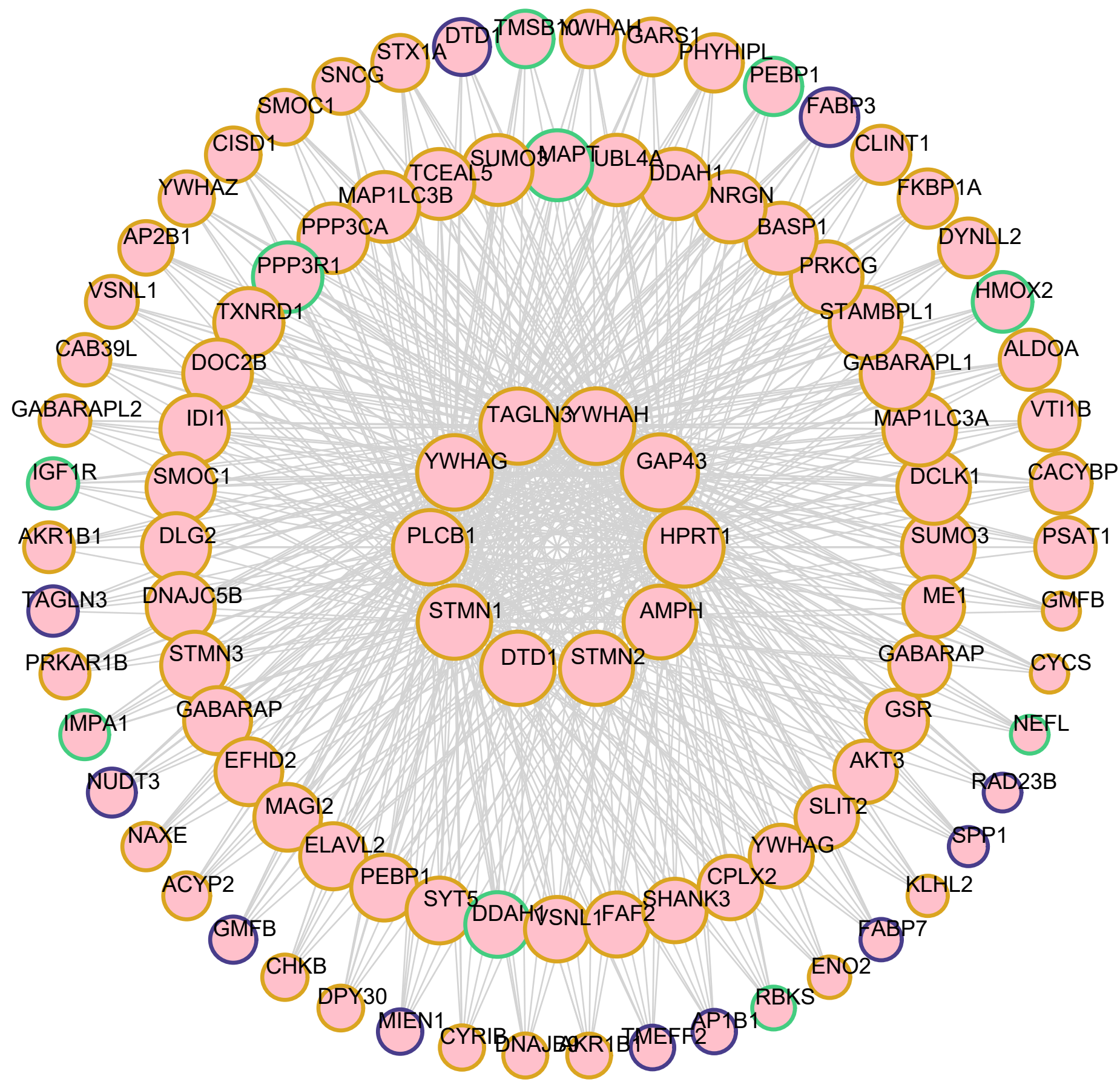
M6 red module: Muscle/Neurotransmitter Transport



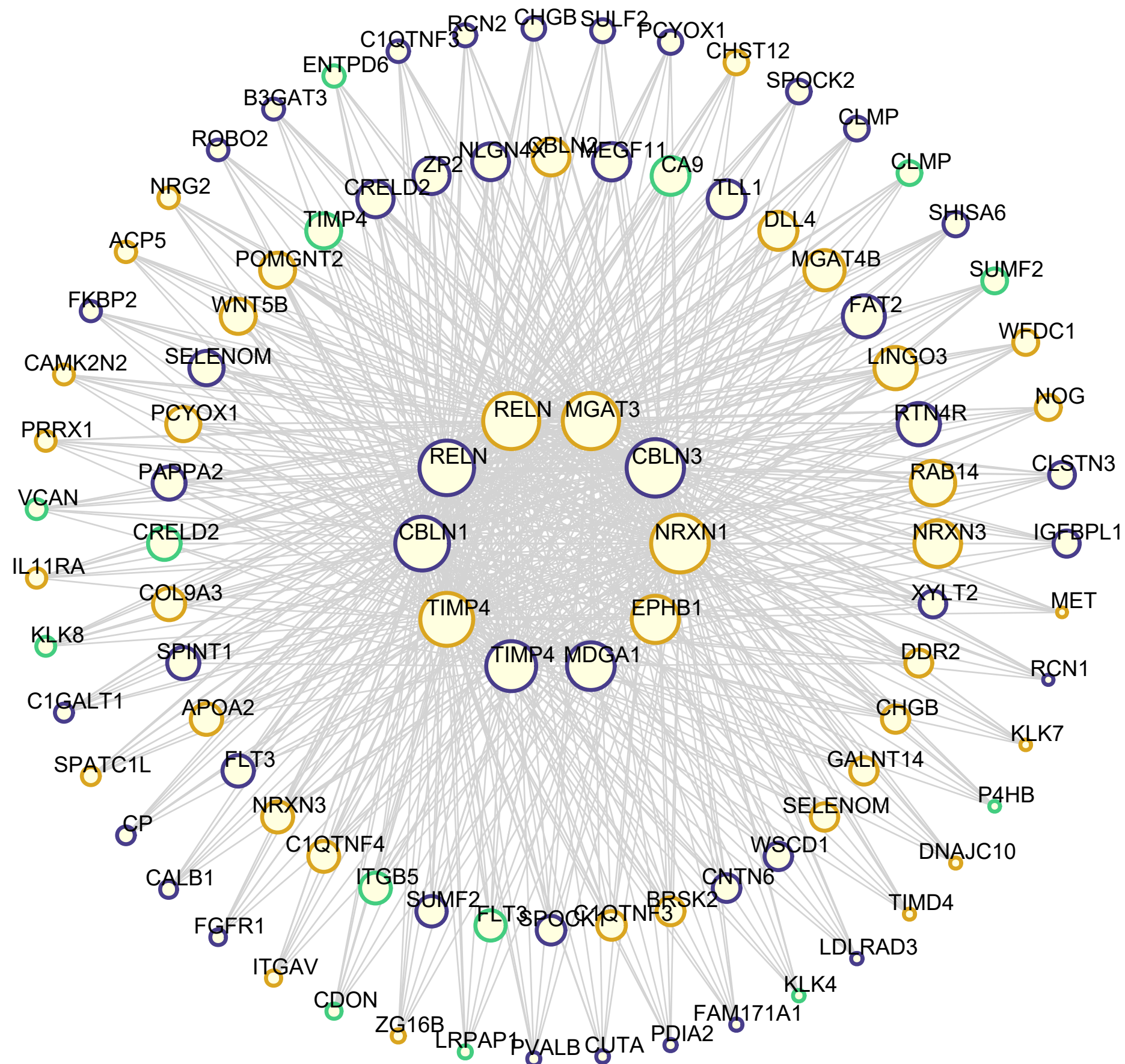
M15 midnightblue module: Post-Synaptic Membrane



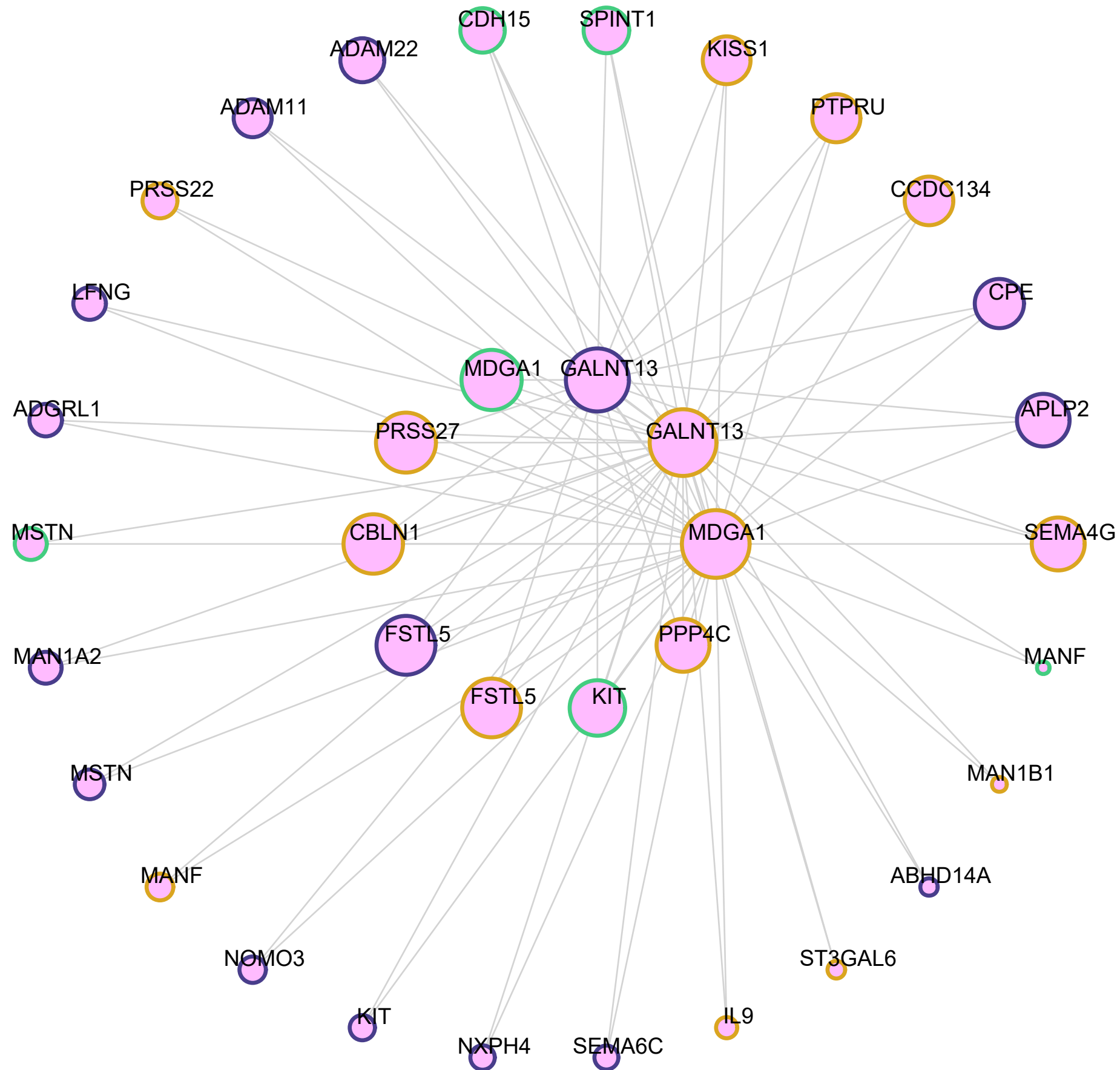
M8 pink module: Autophagy



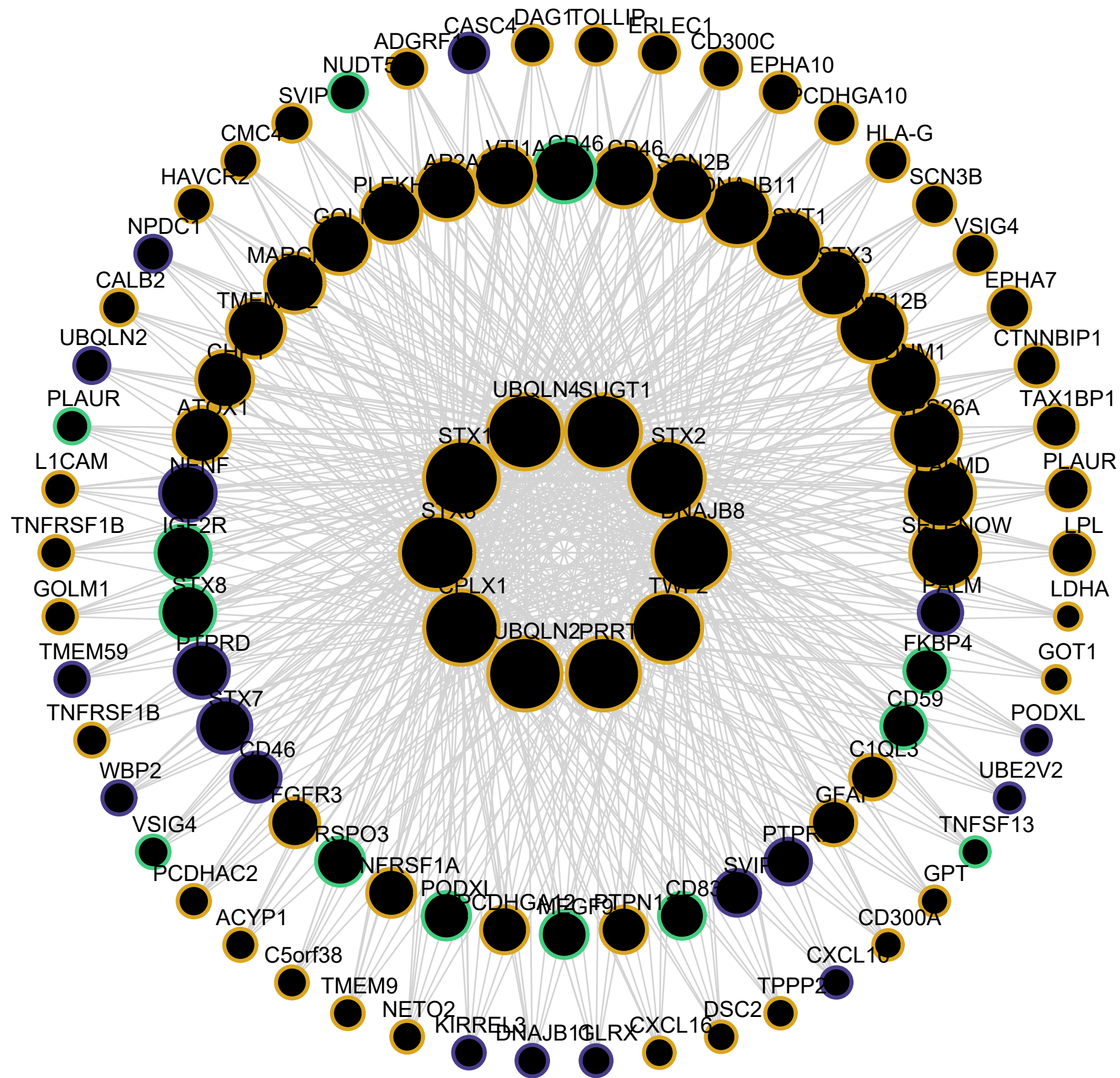
M19 lightyellow module: Synapse Organization



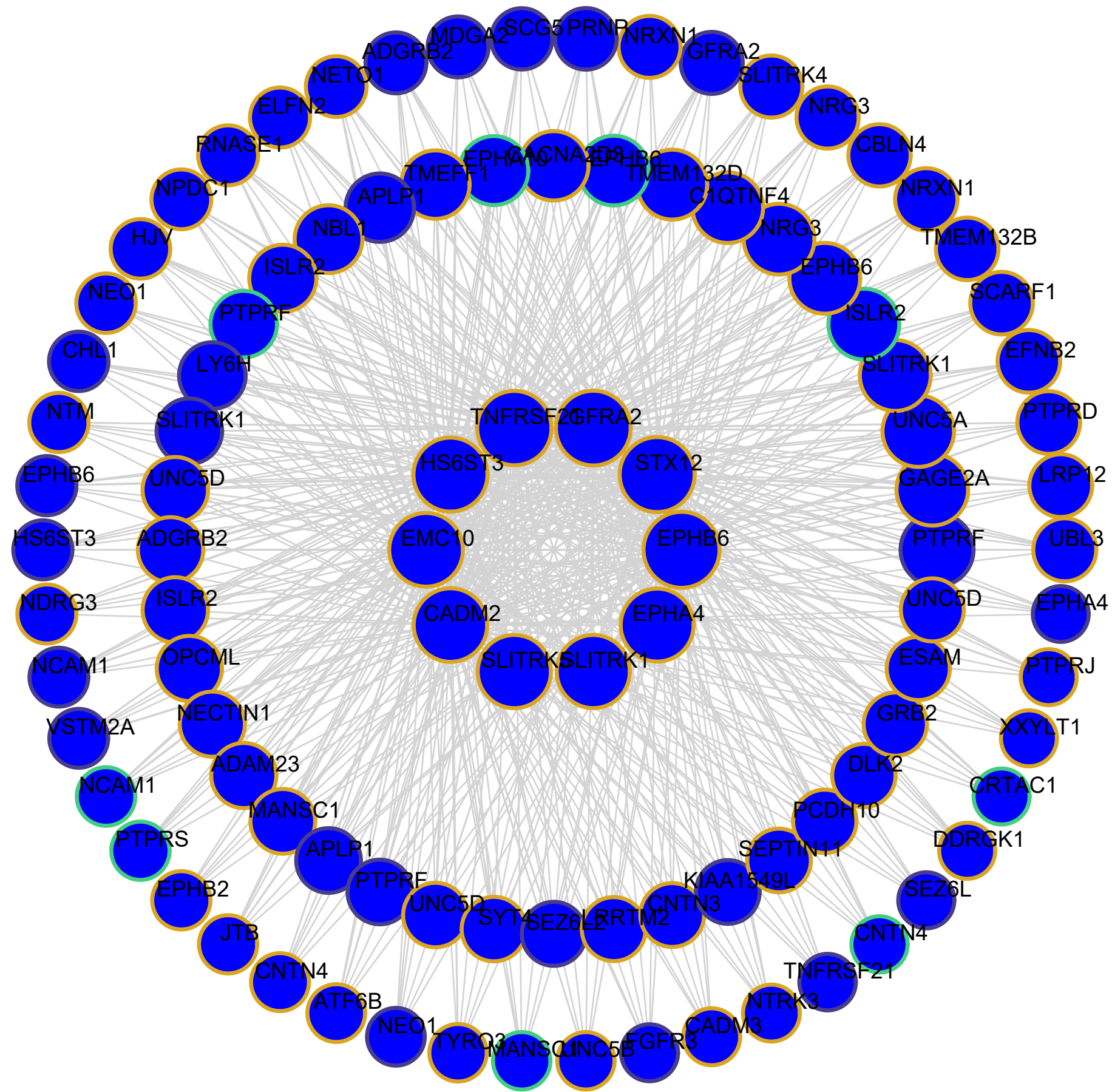
M38 plum1 module: Ambiguous



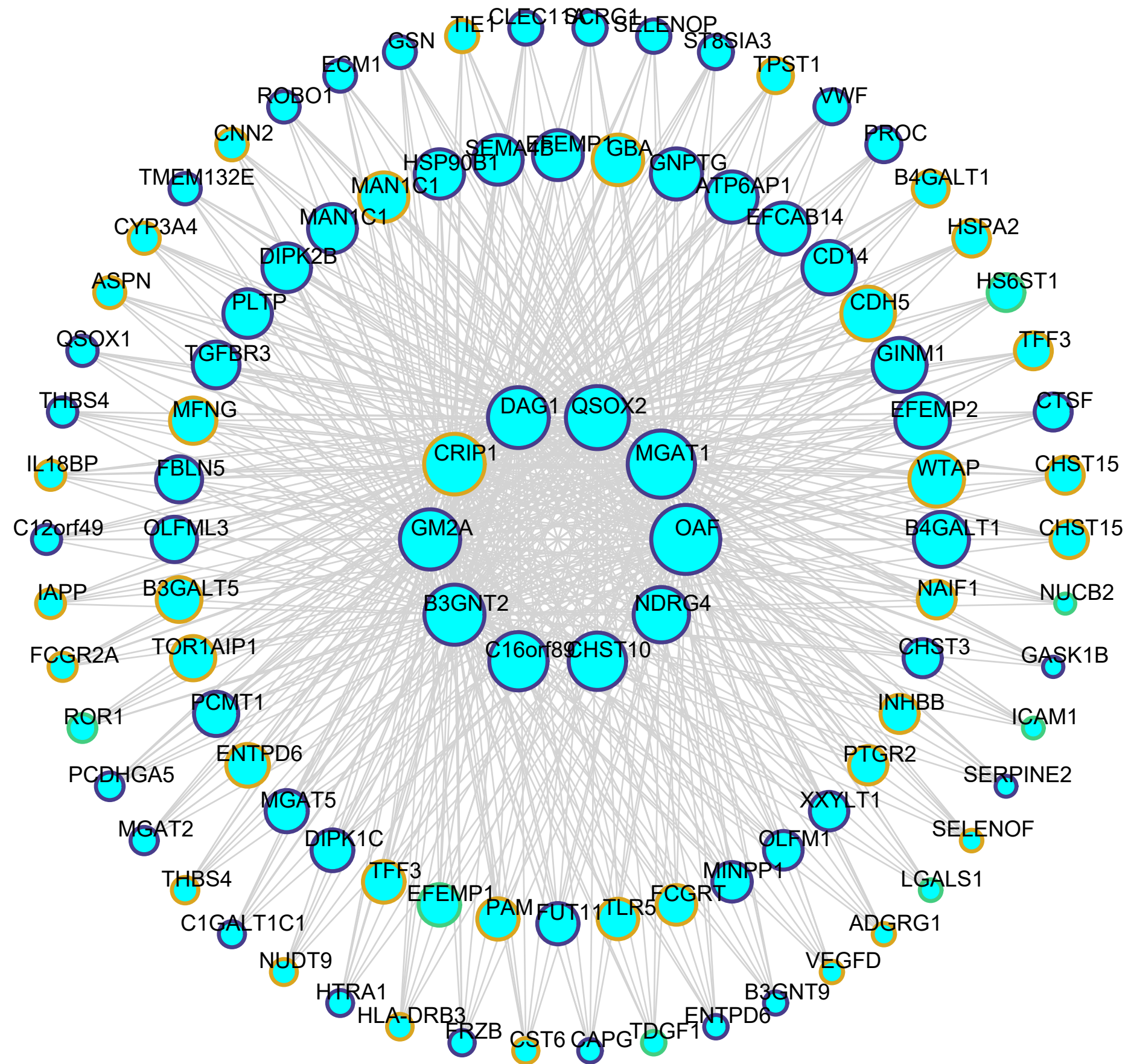
M7 black module: SNAP Receptor/SNARE Complex



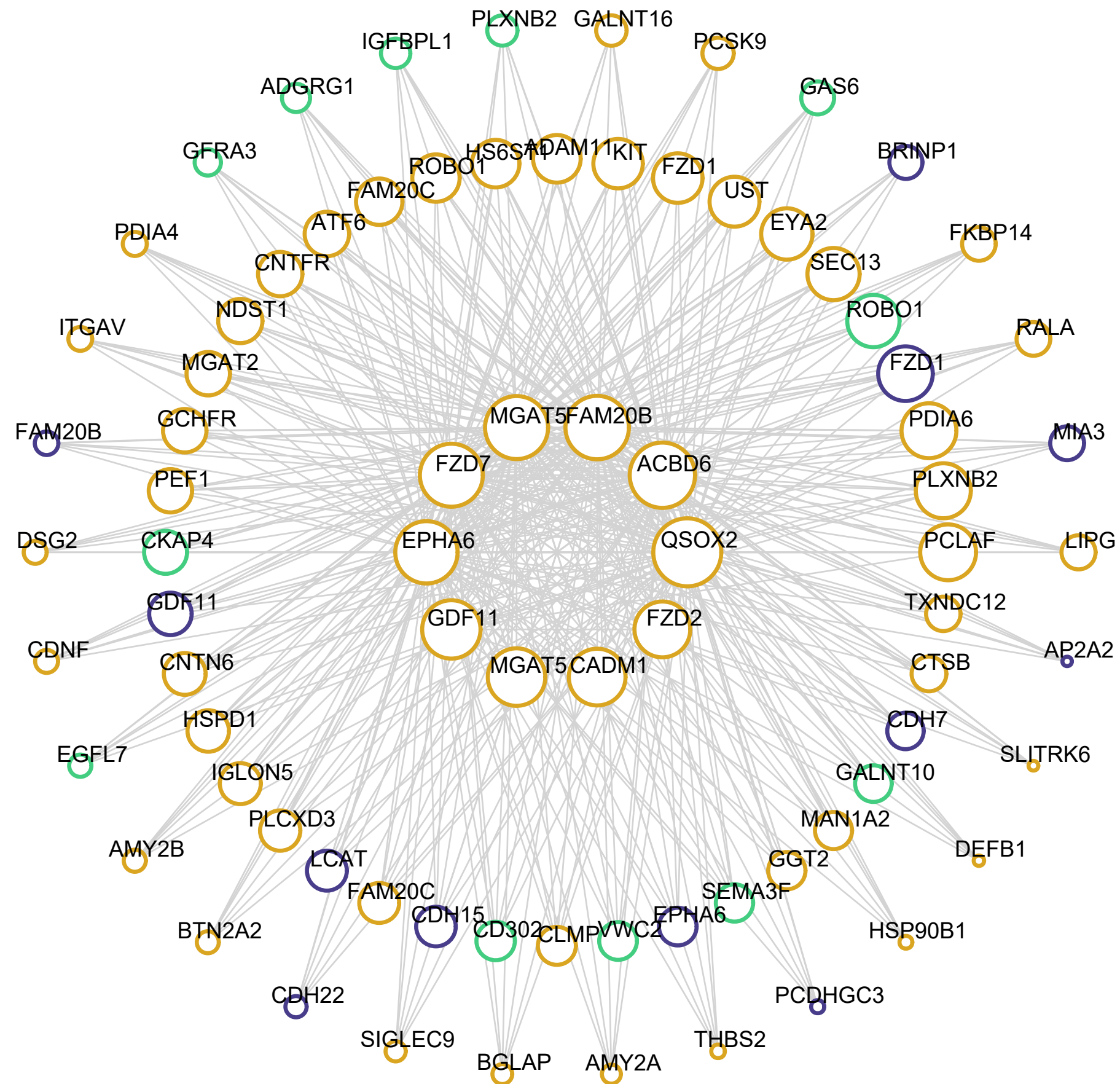
M2 blue module: Neuronal/Axon Development



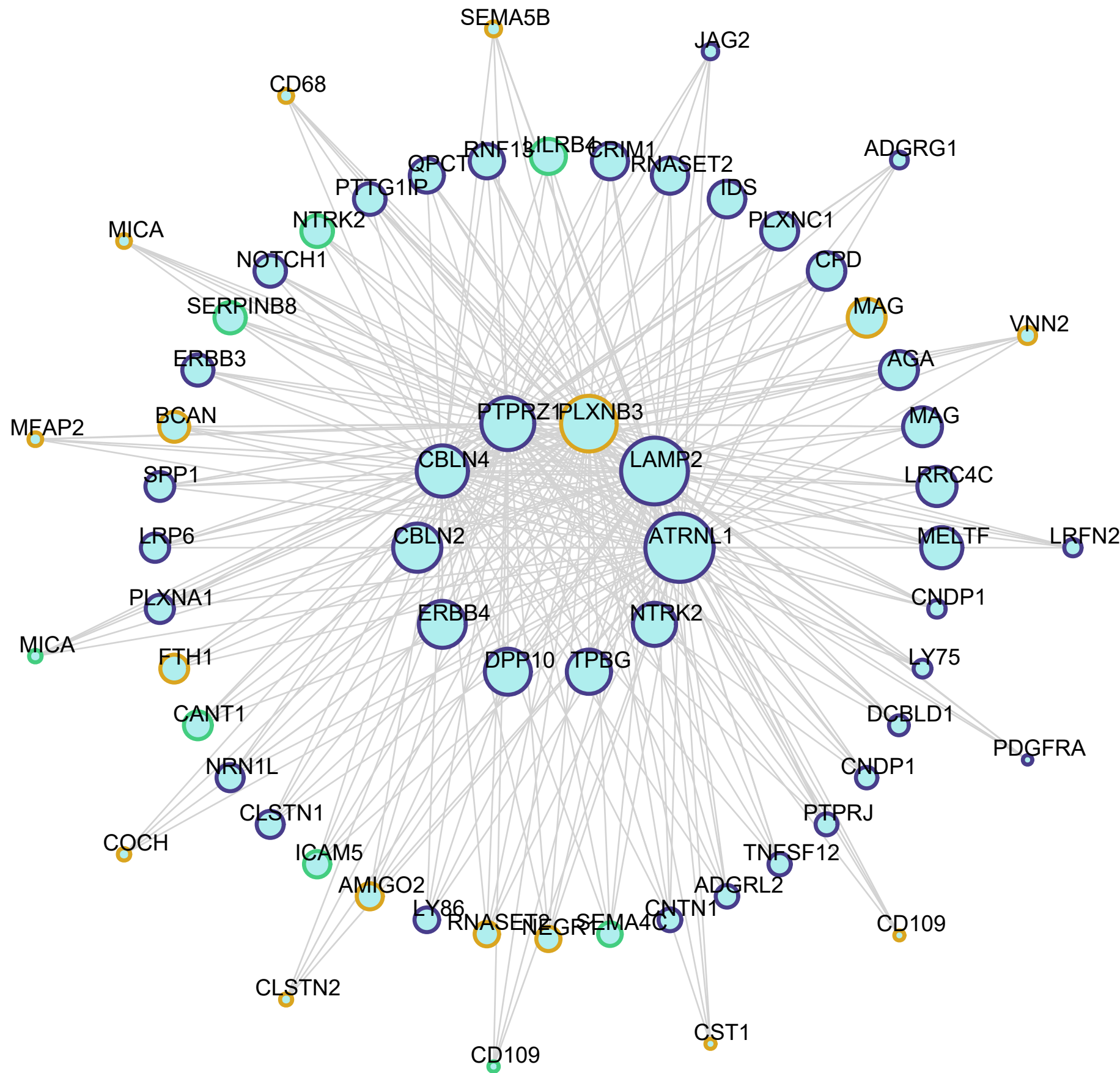
M14 cyan module: Golgi/Glycosylation



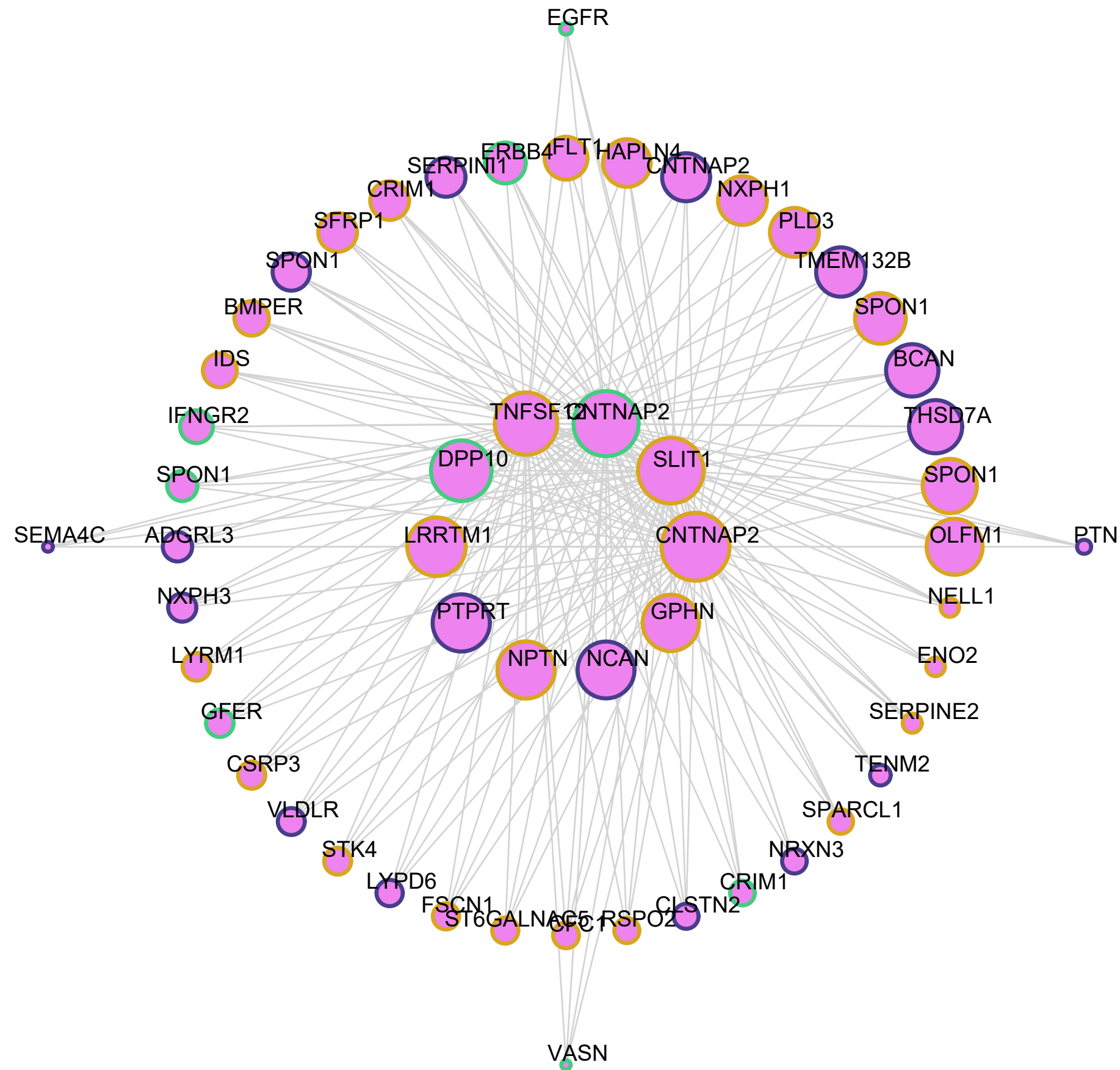
M27 white module: Ambiguous



M31 paleturquoise module: Glial Cell Differentiation

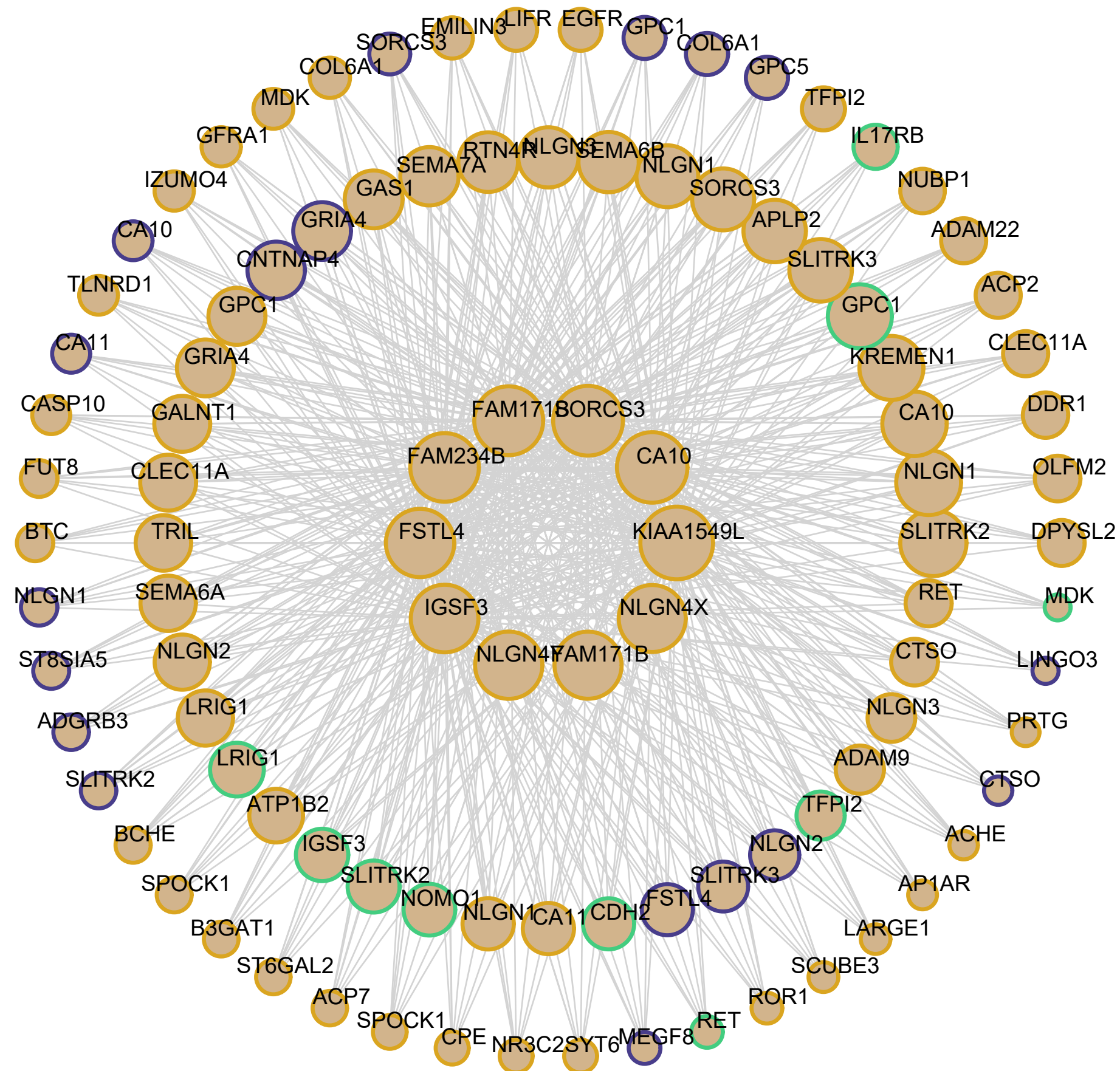


M32 violet module: Synaptic Membrane/Matrisome

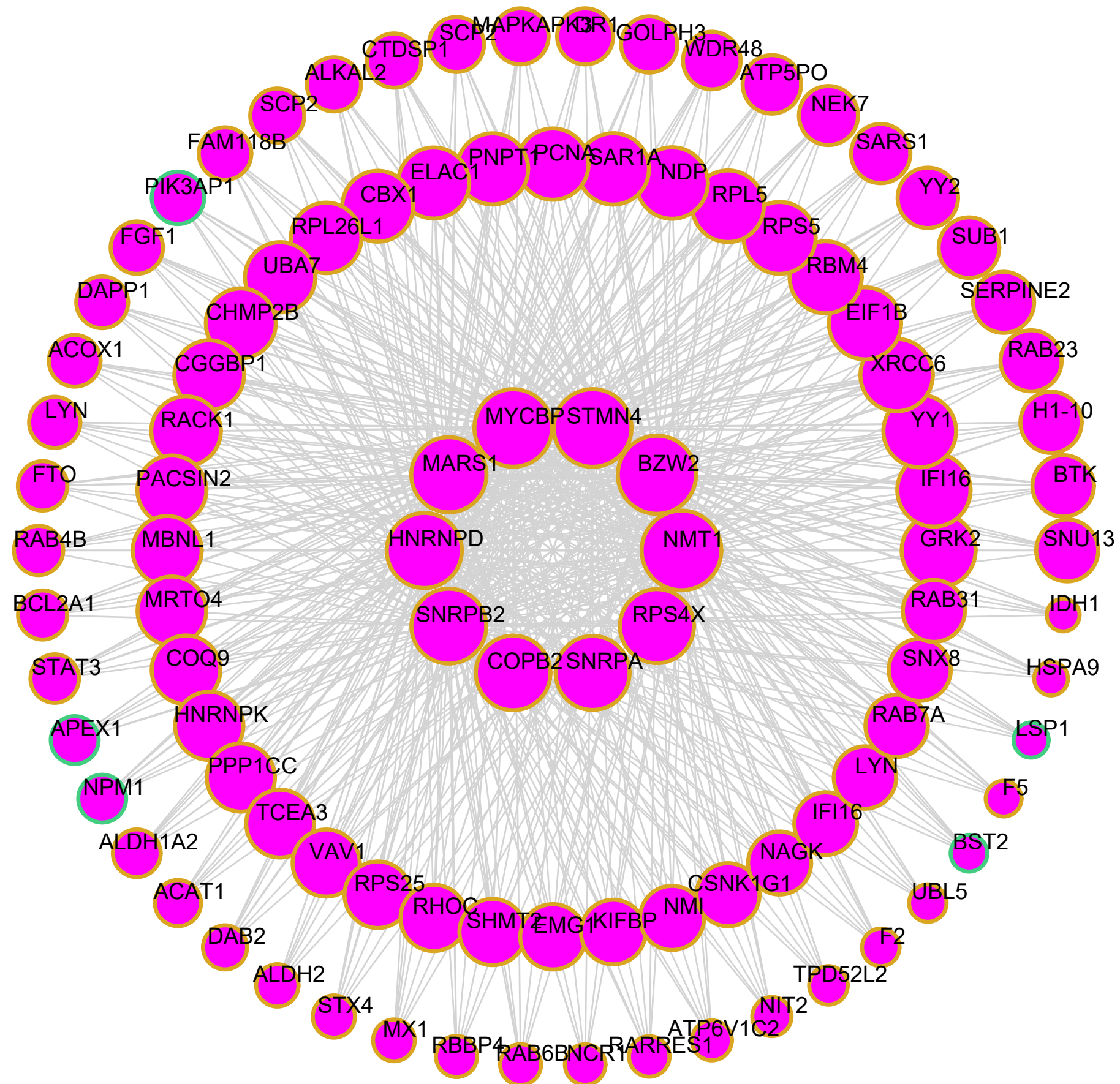


[illegible]

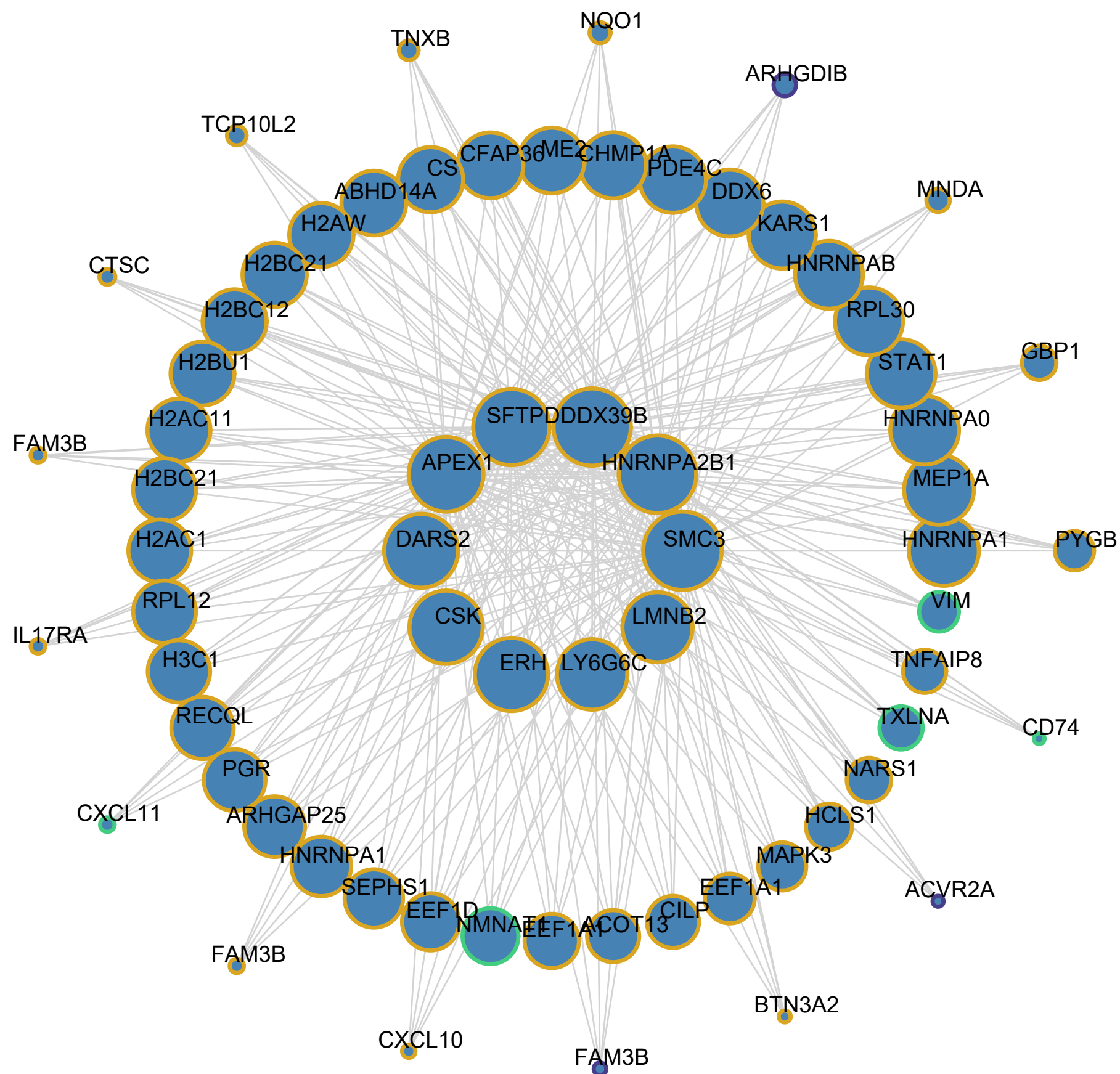
M12 tan module: Neurexin/Neuronal Adhesion



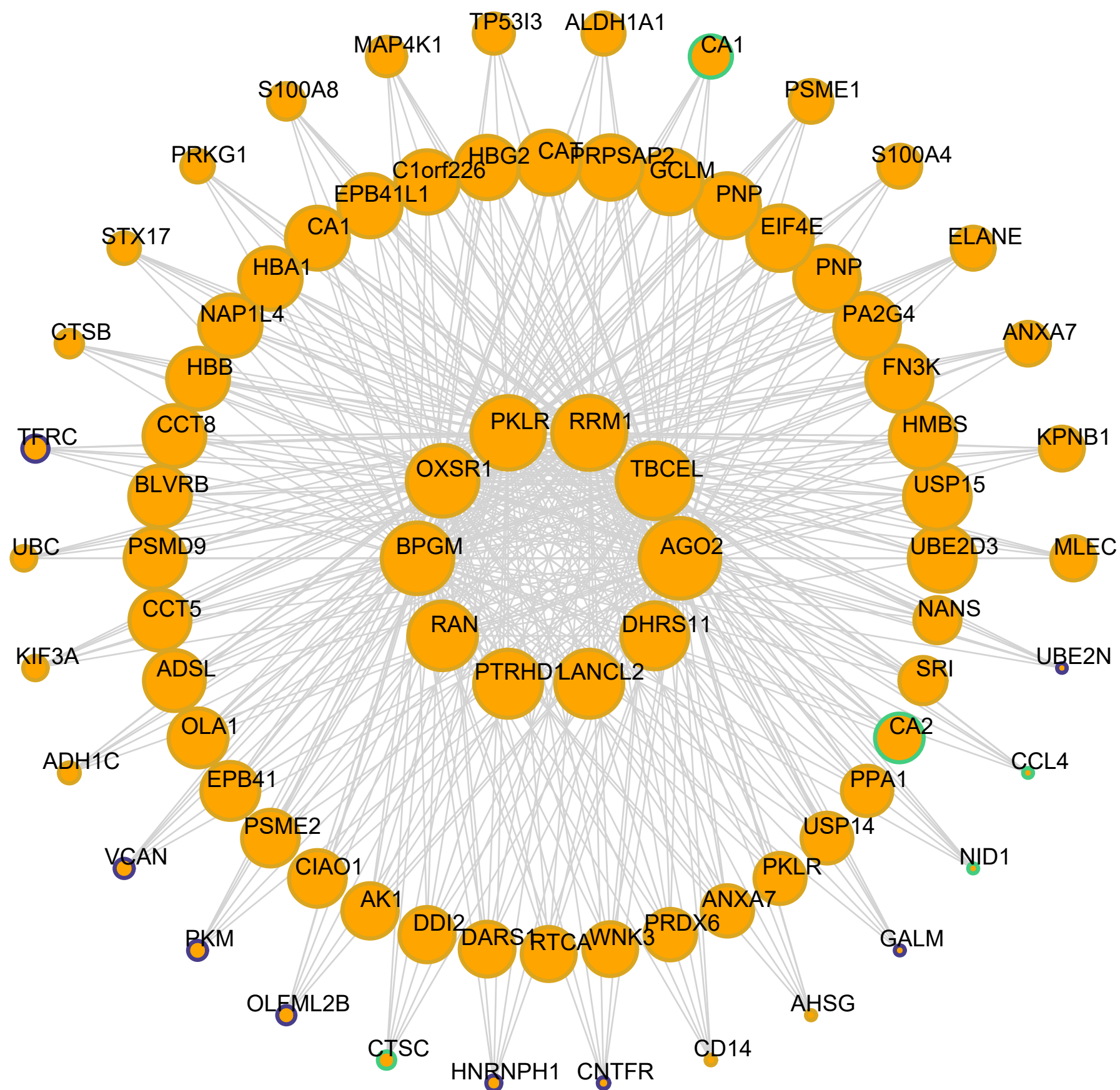
M9 magenta module: Ambiguous



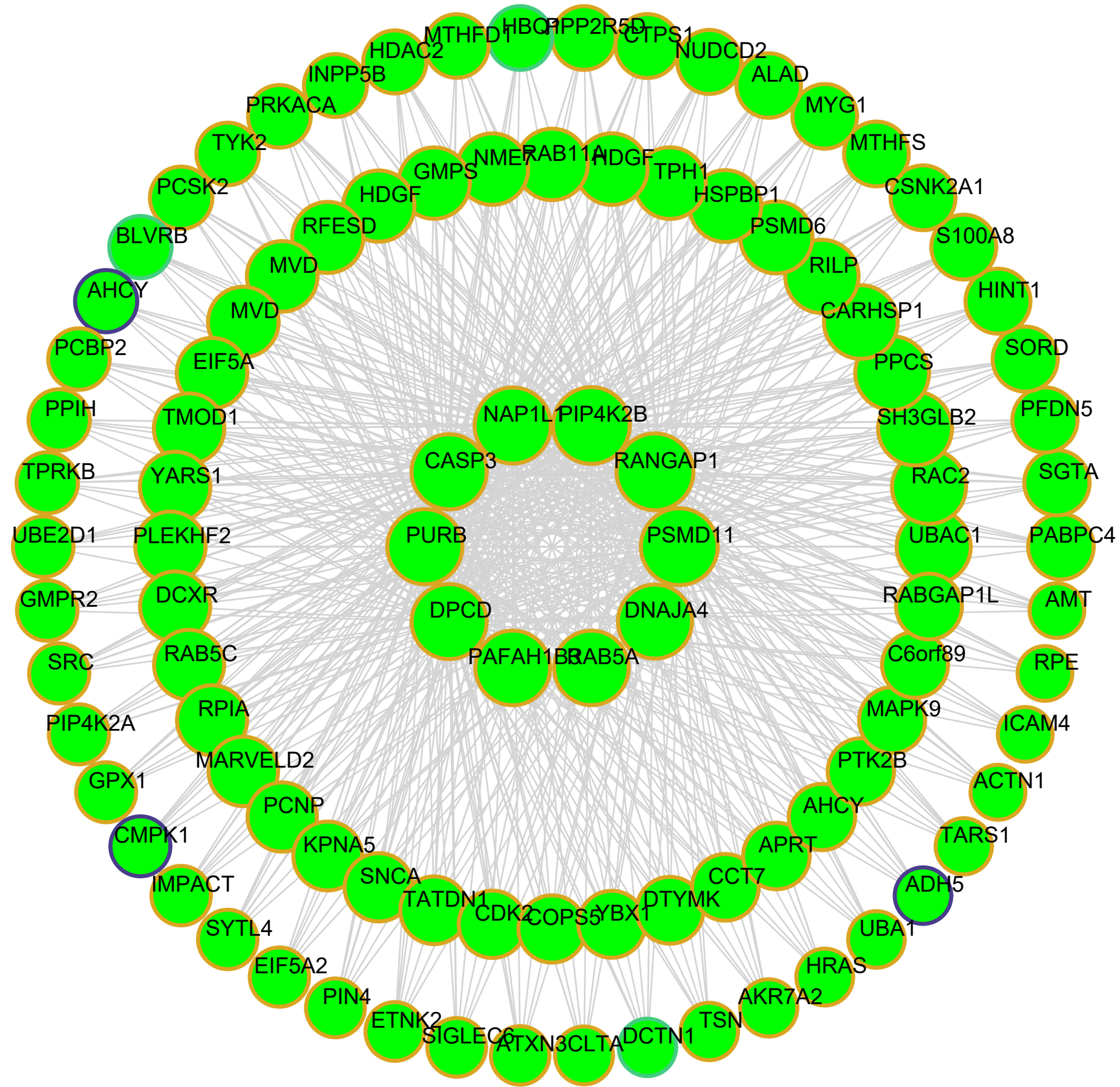
M30 steelblue module: Ribonucleoprotein Complex



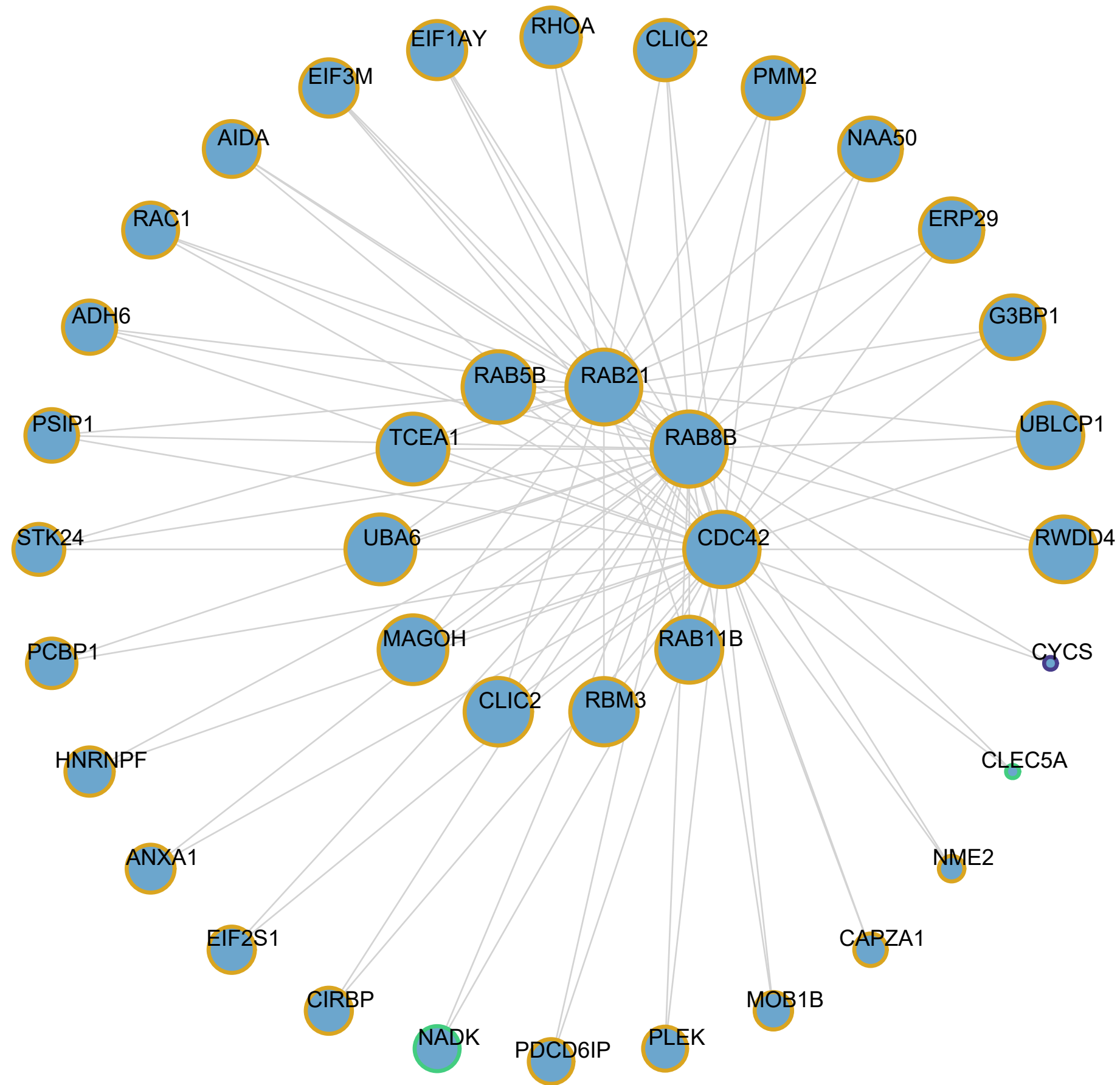
M25 orange module: Ambiguous



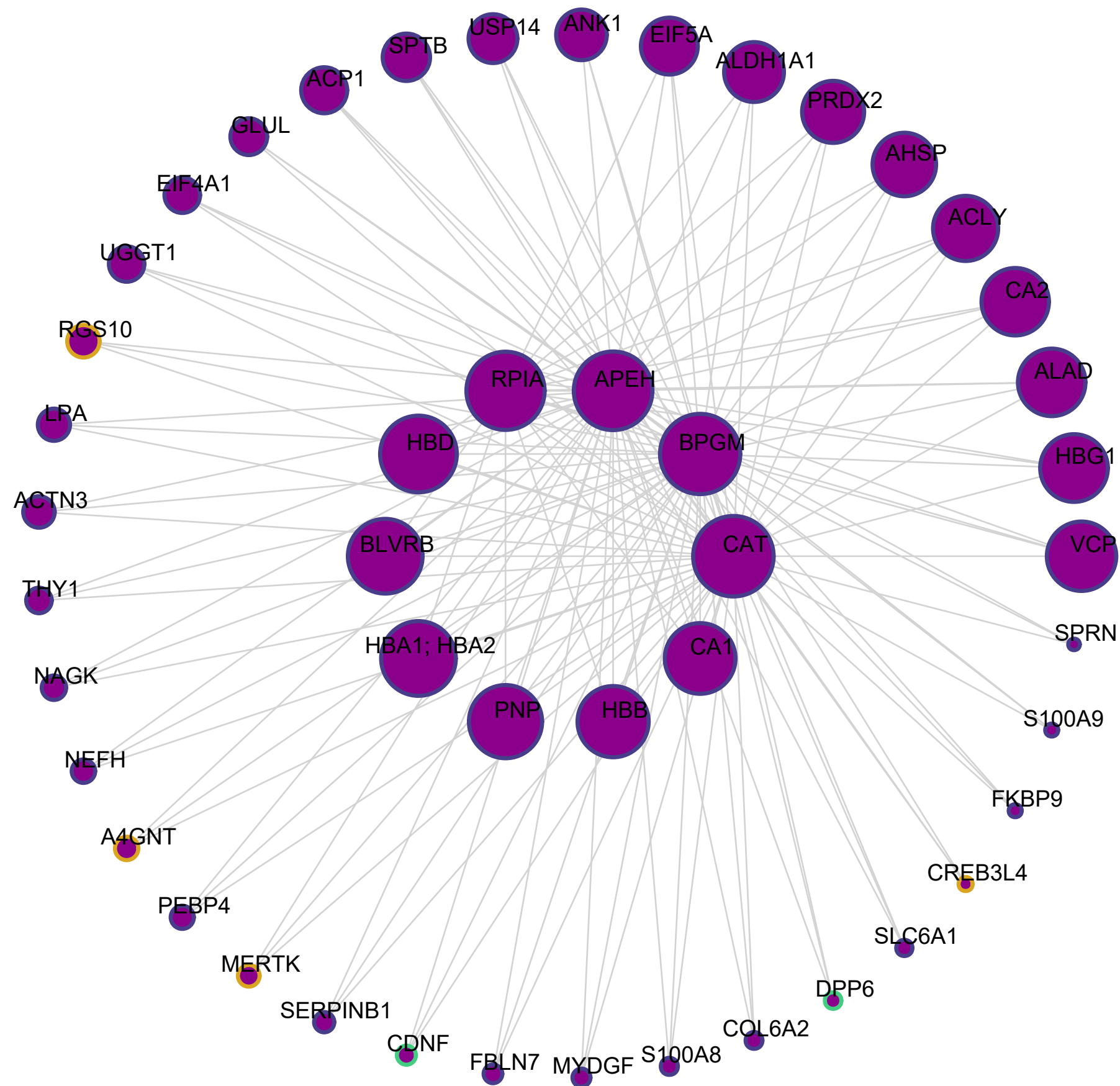
M5 green module: Compound Metabolism/Heat Shock Protein Binding



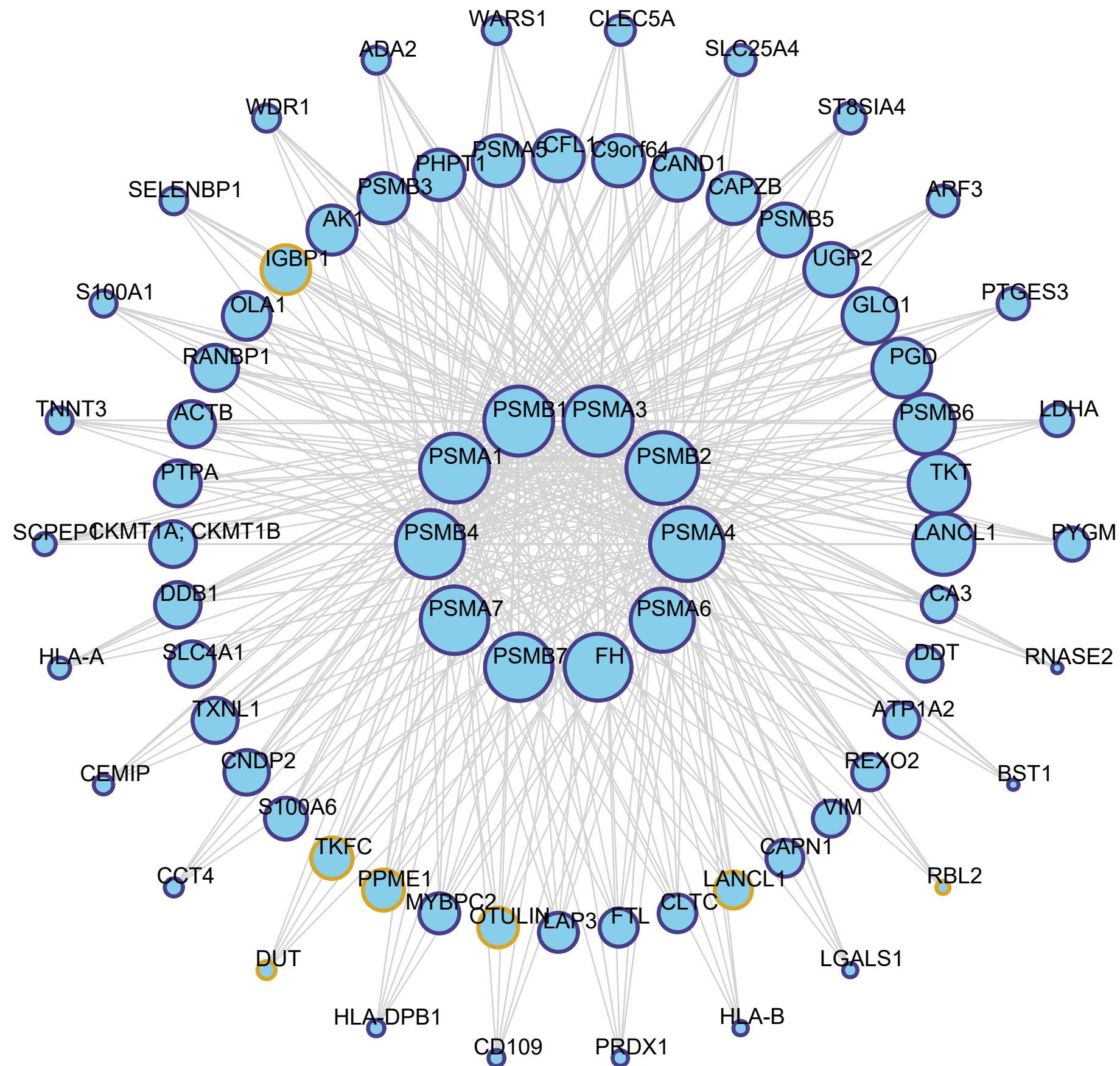
M37 skyblue3 module: RNA Binding/Metabolism



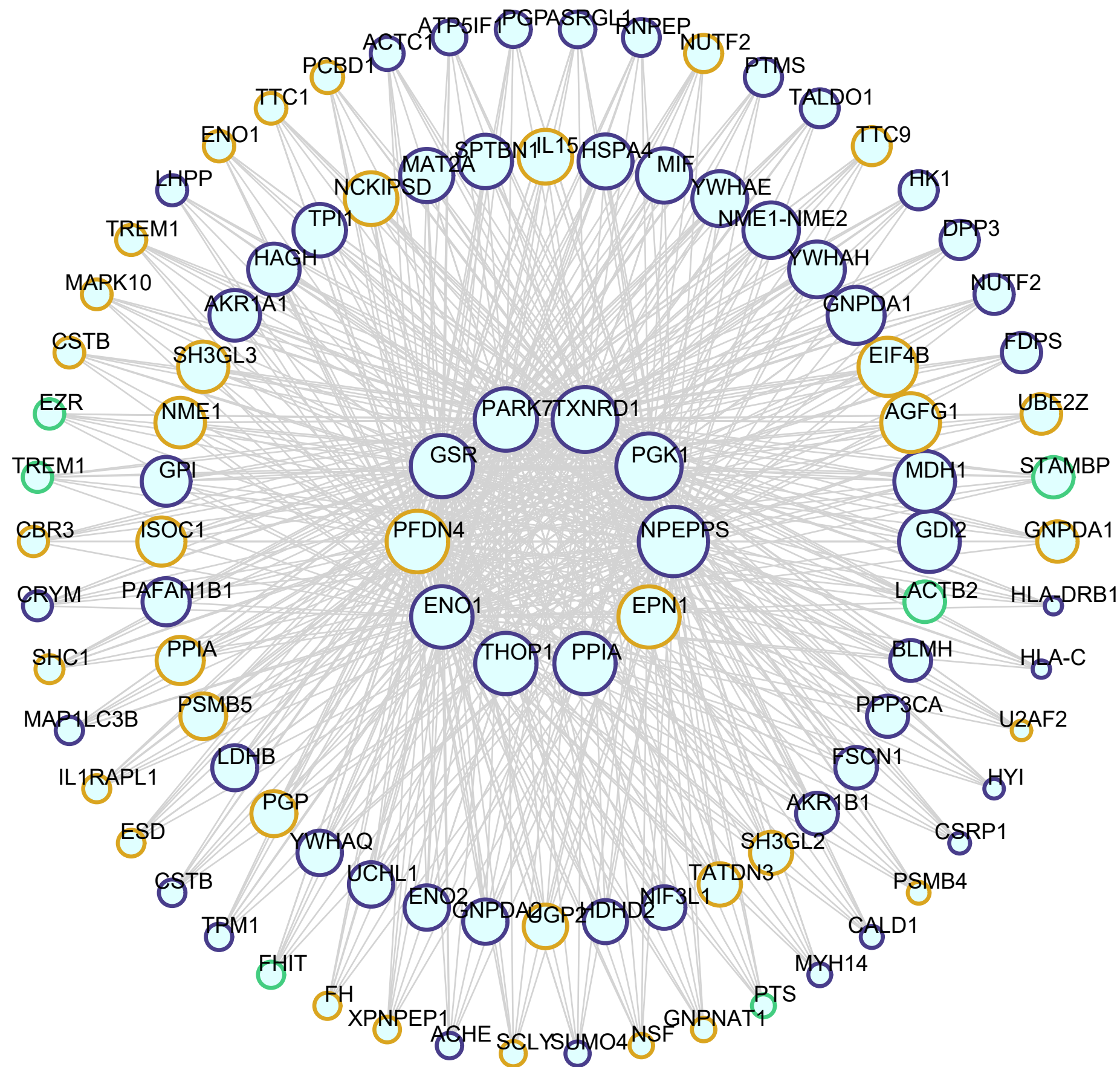
M34 darkmagenta module: Cofactor Biosynthesis



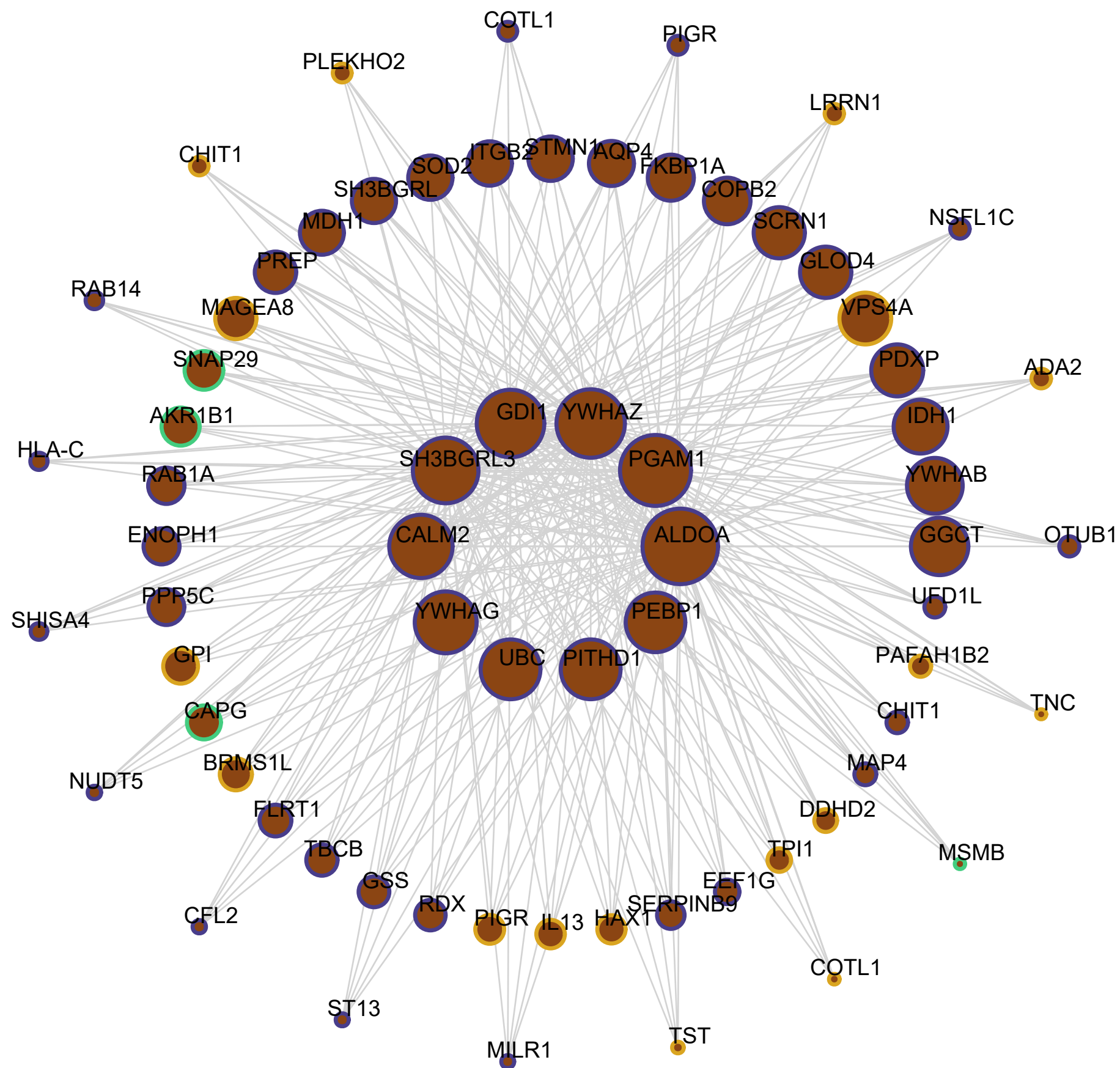
M28 skyblue module: Proteasome



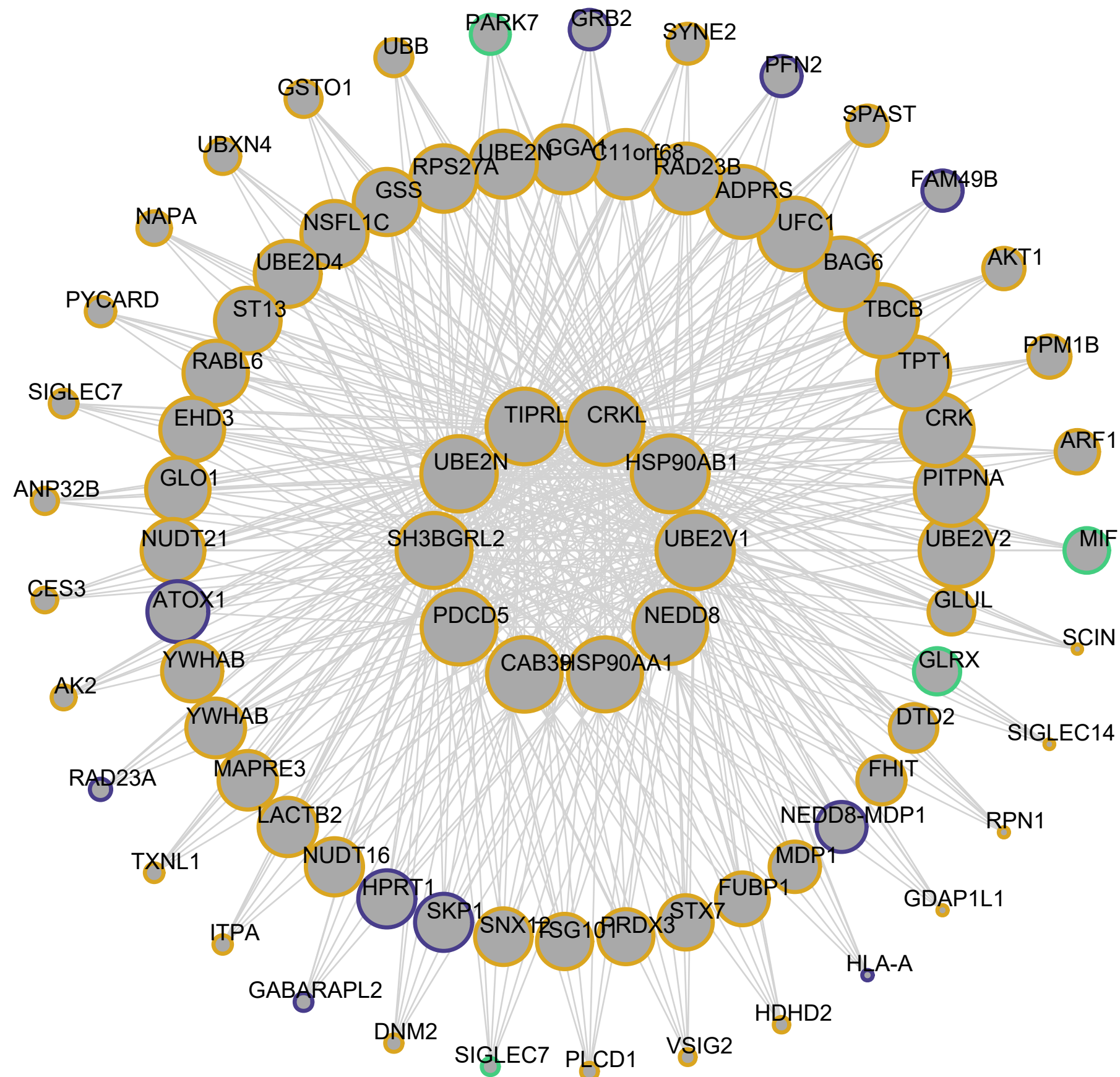
M16 lightcyan module: Sugar Metabolism



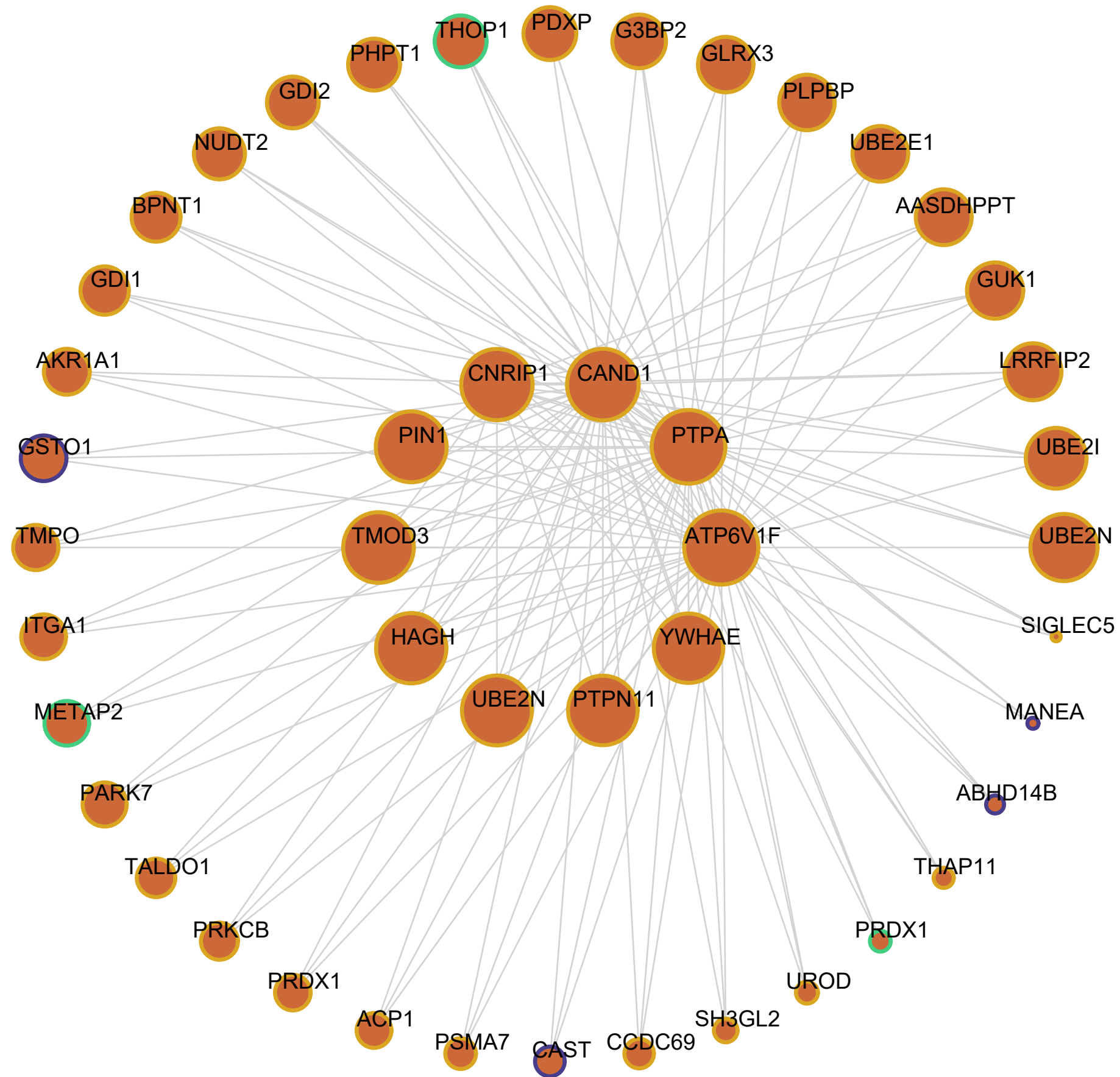
M29 saddlebrown module: Sugar Metabolism/Actin Depolymerization



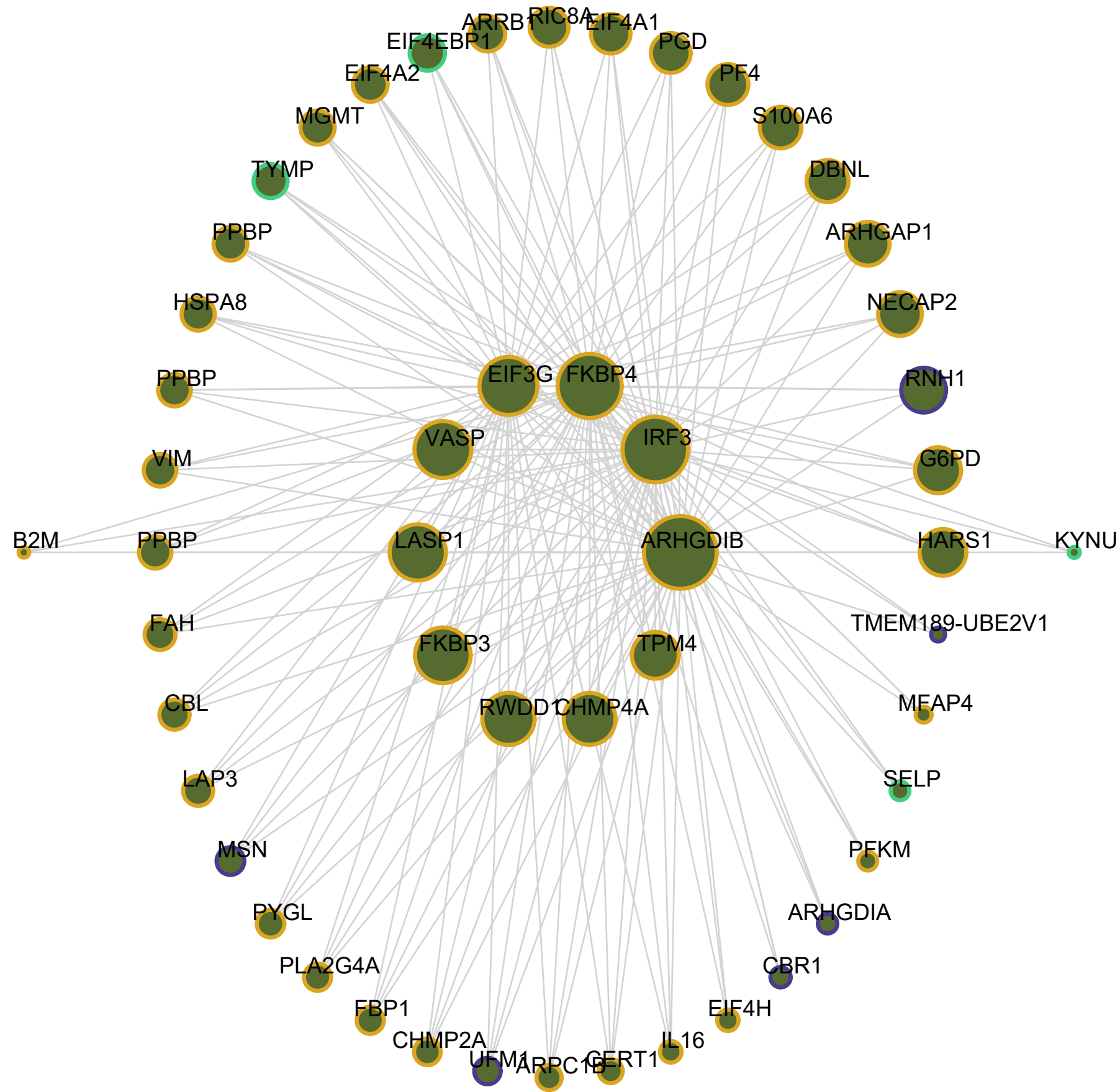
M24 darkgrey module: Ubiquitination



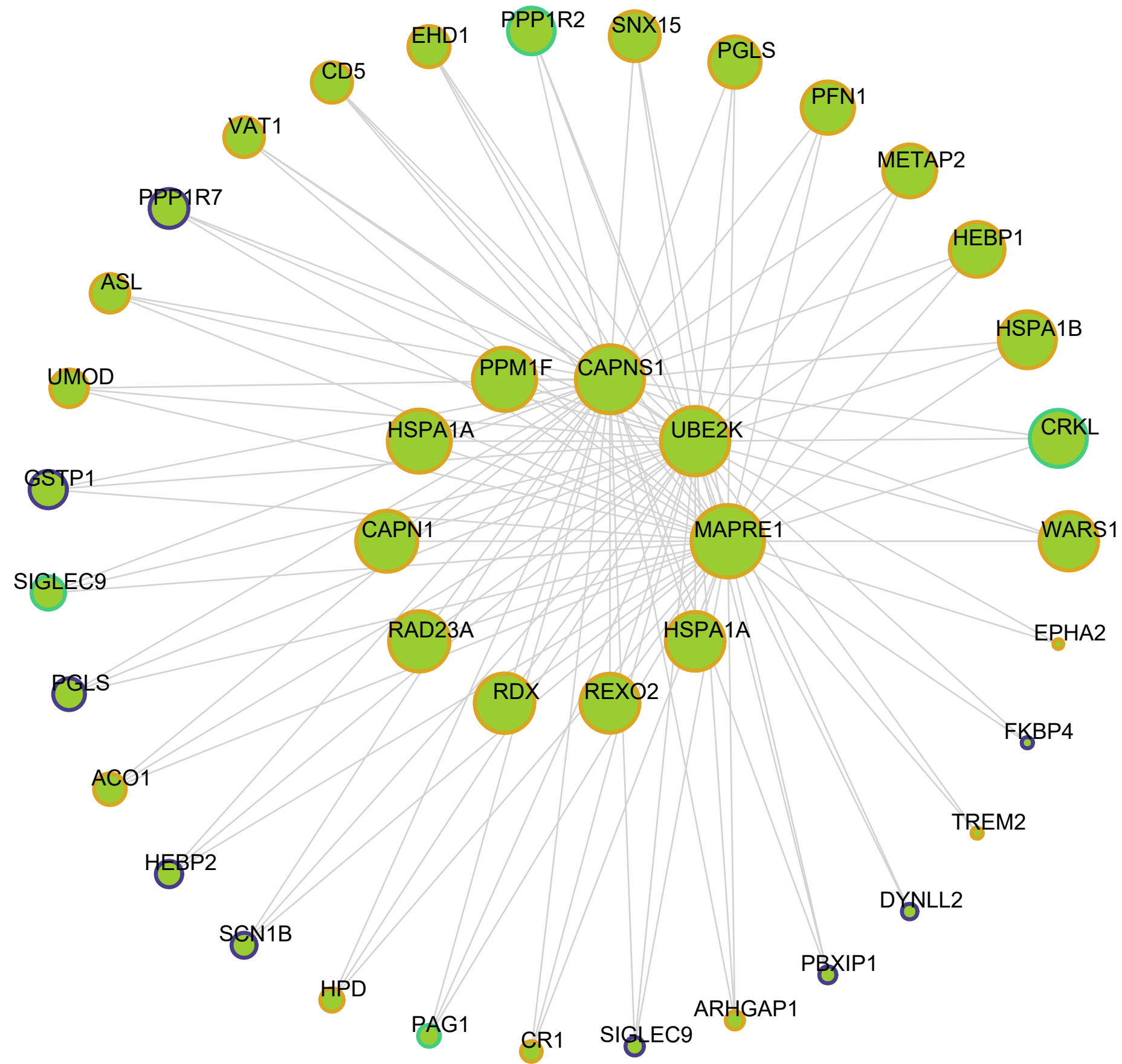
M35 sienna3 module: Ambiguous



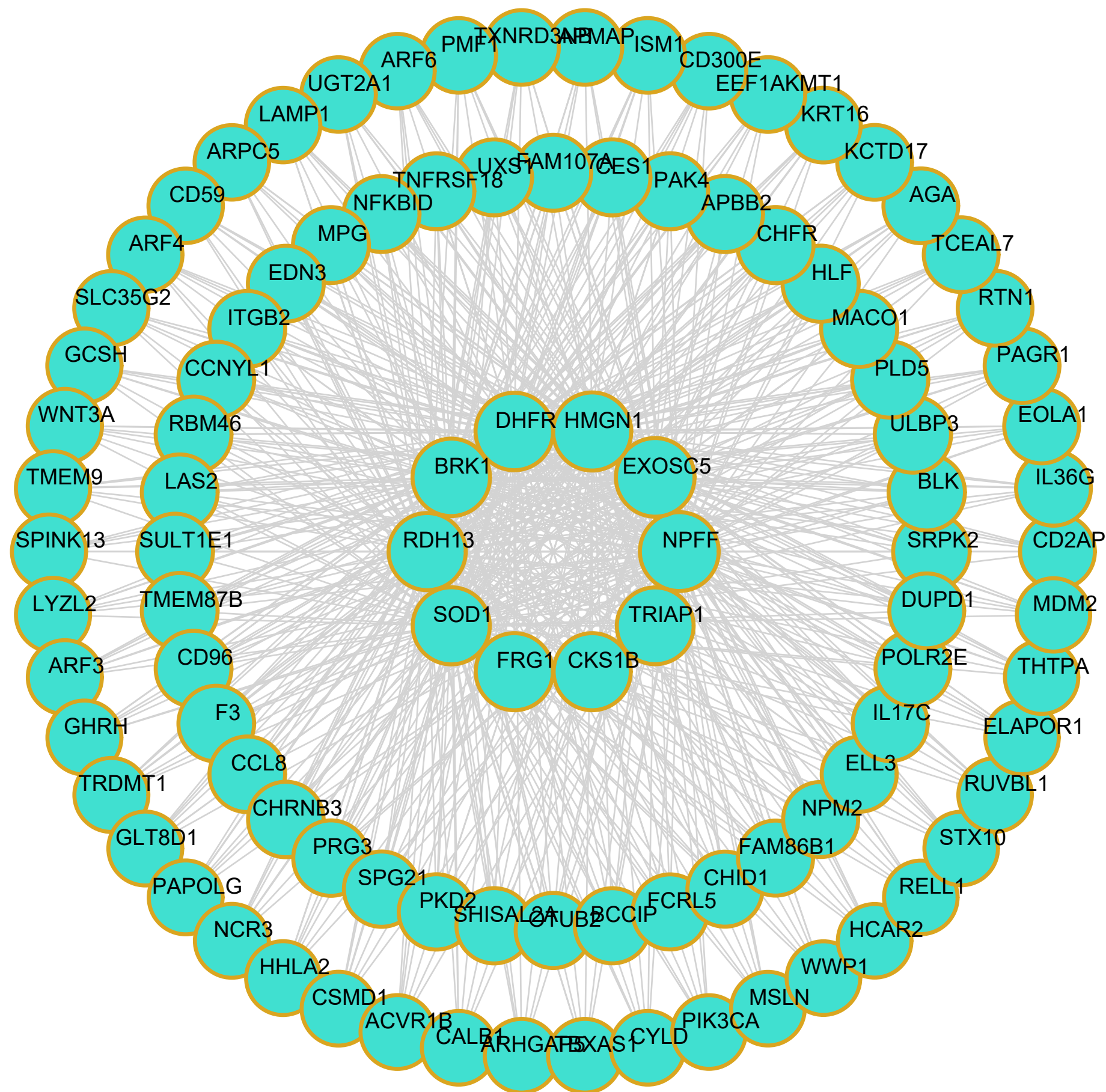
M33 darkolivegreen module: Translation/Sugar Binding



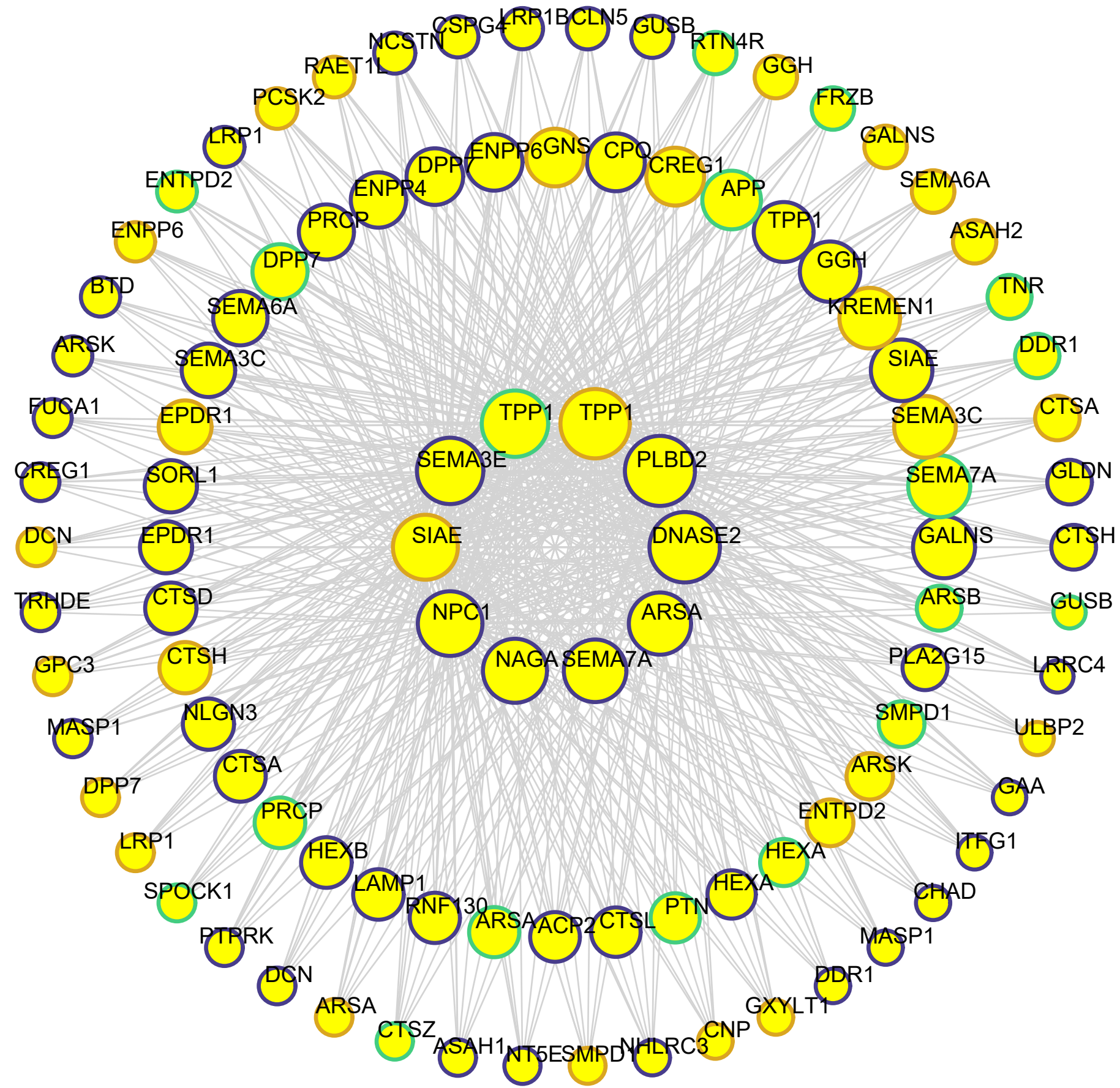
M36 yellowgreen module: Organelle Organization/Biogenesis



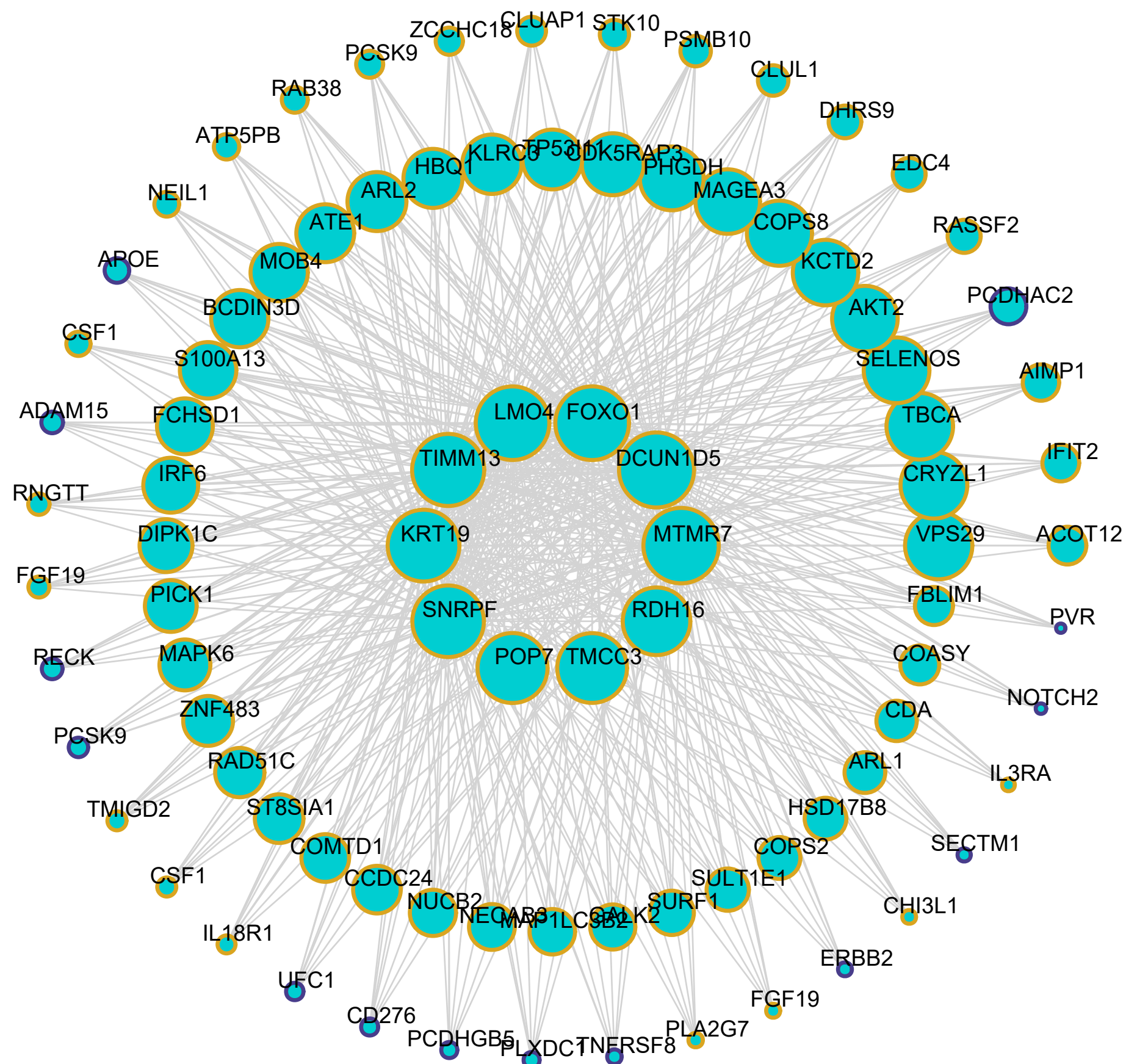
M1 turquoise module: Immune Response



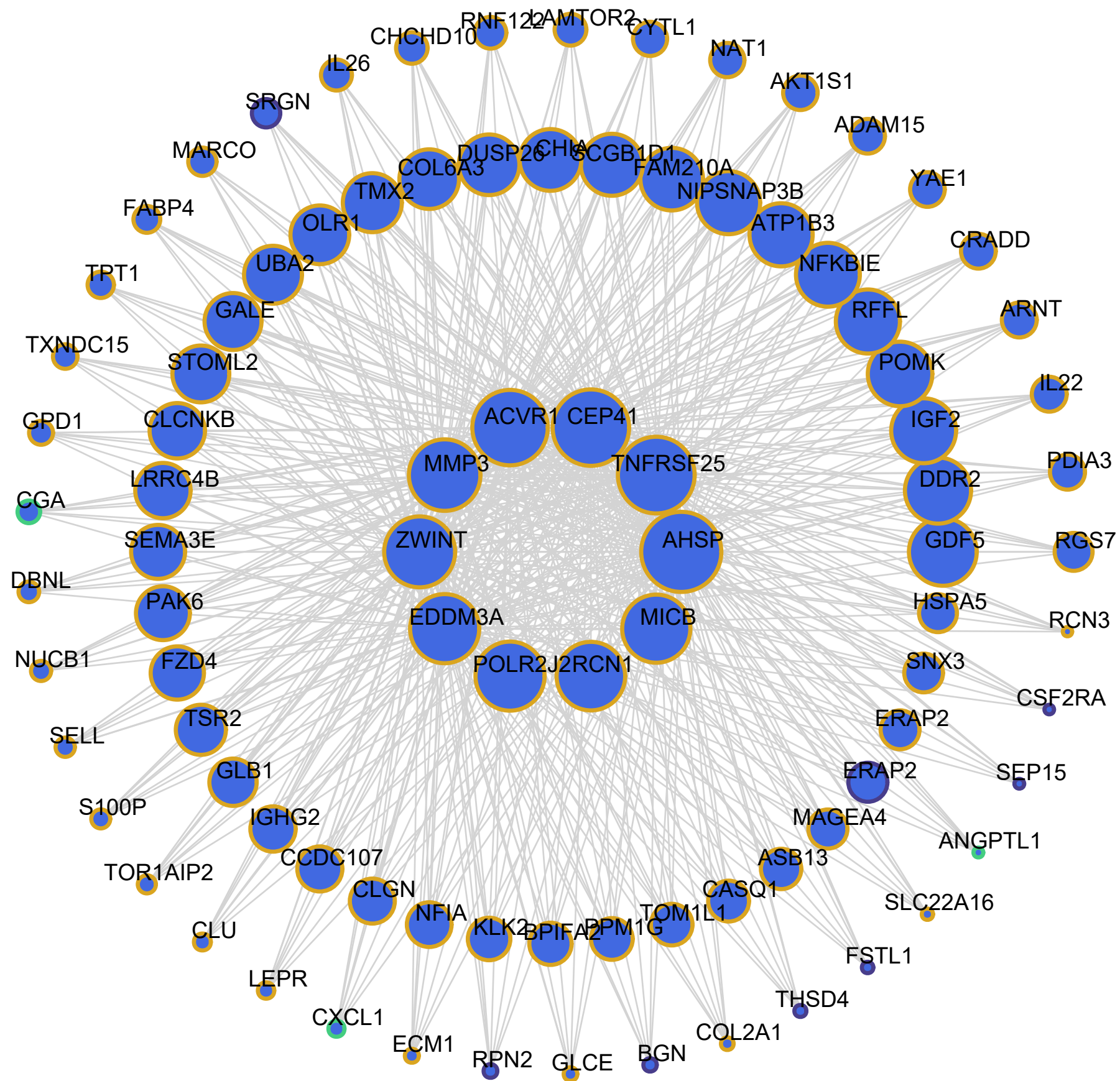
M4 yellow module: Lysosome



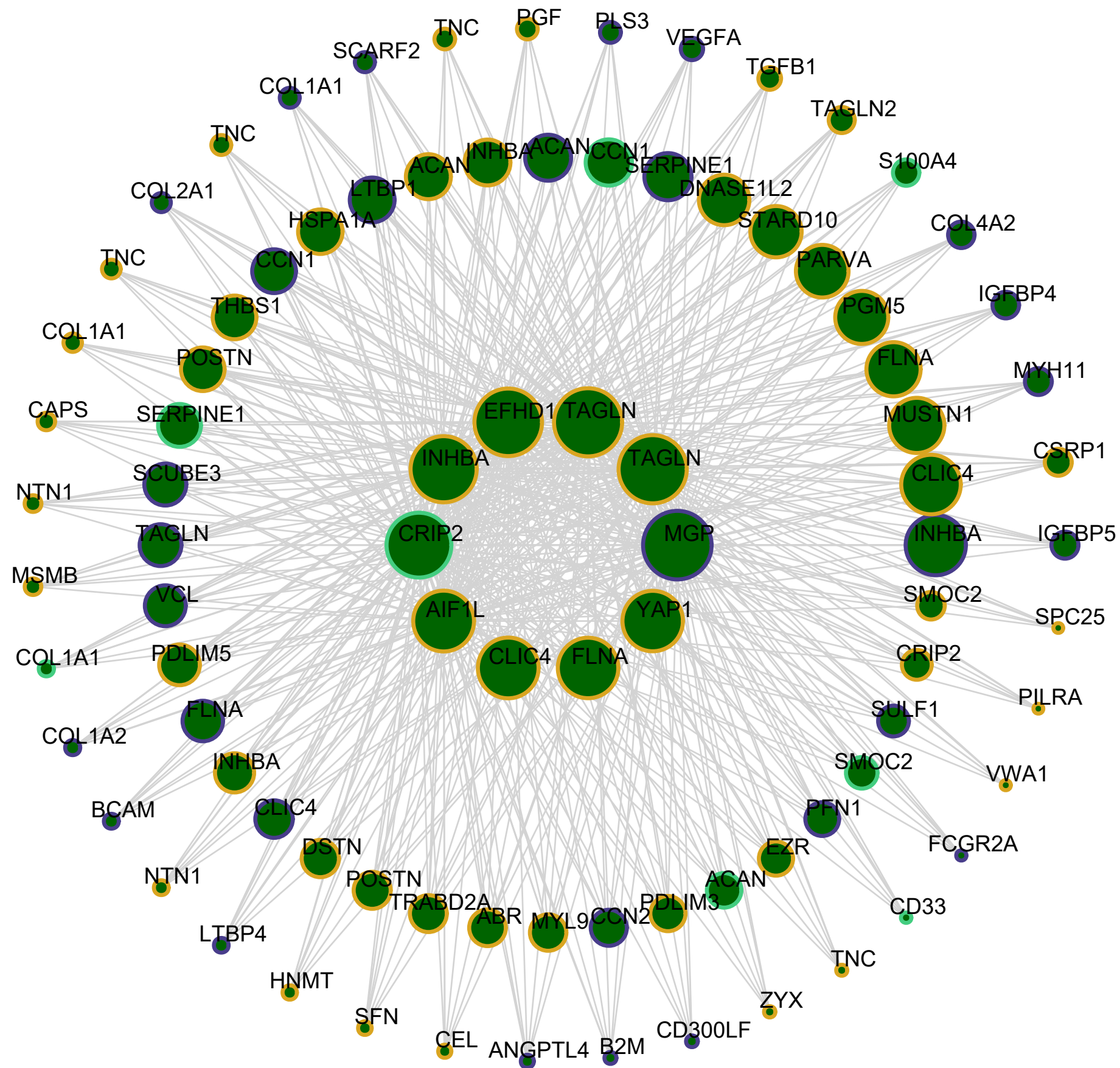
M23 darkturquoise module: Nucleic Acid/Steroid Metabolism



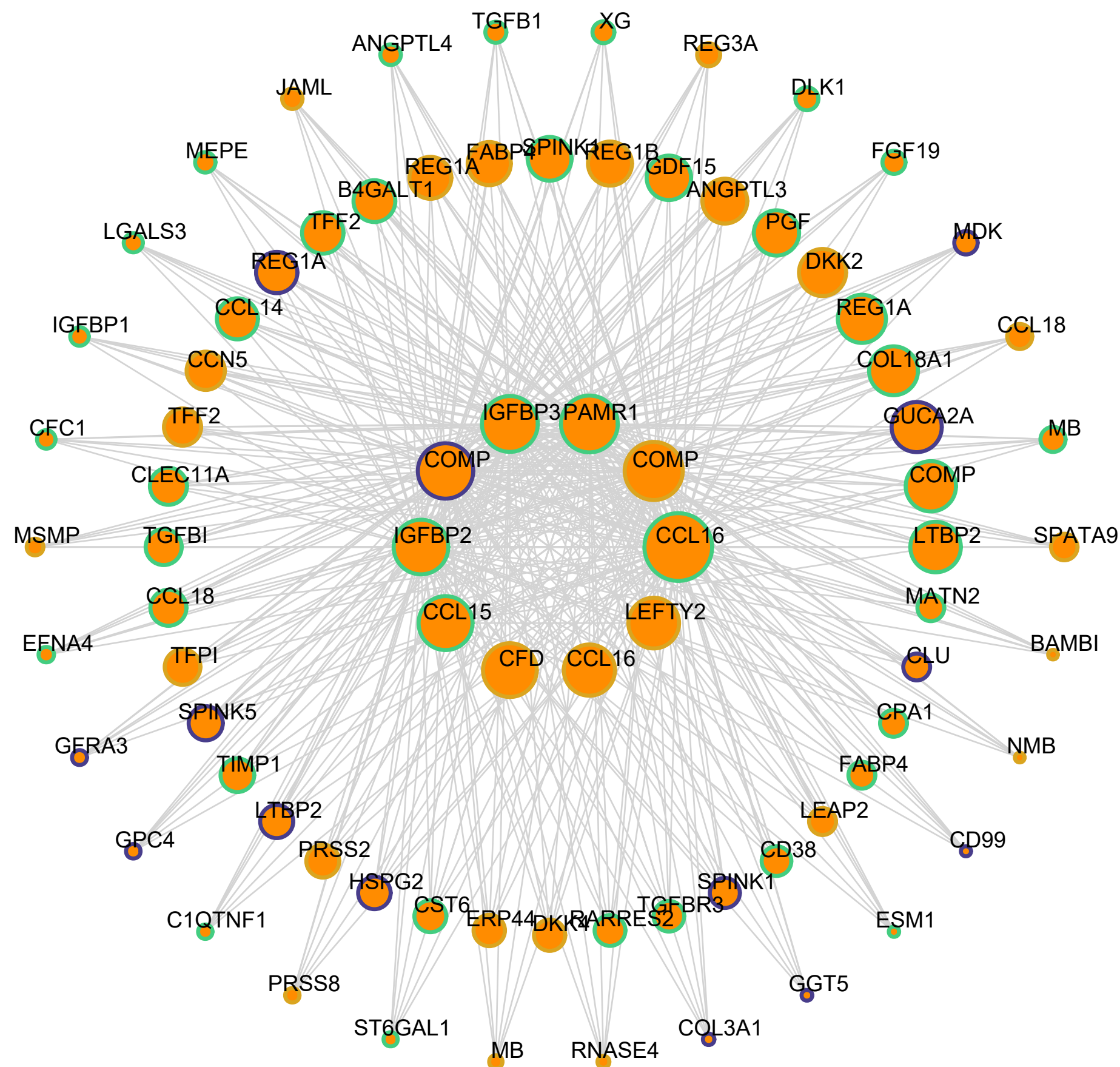
M20 royalblue module: Ambiguous



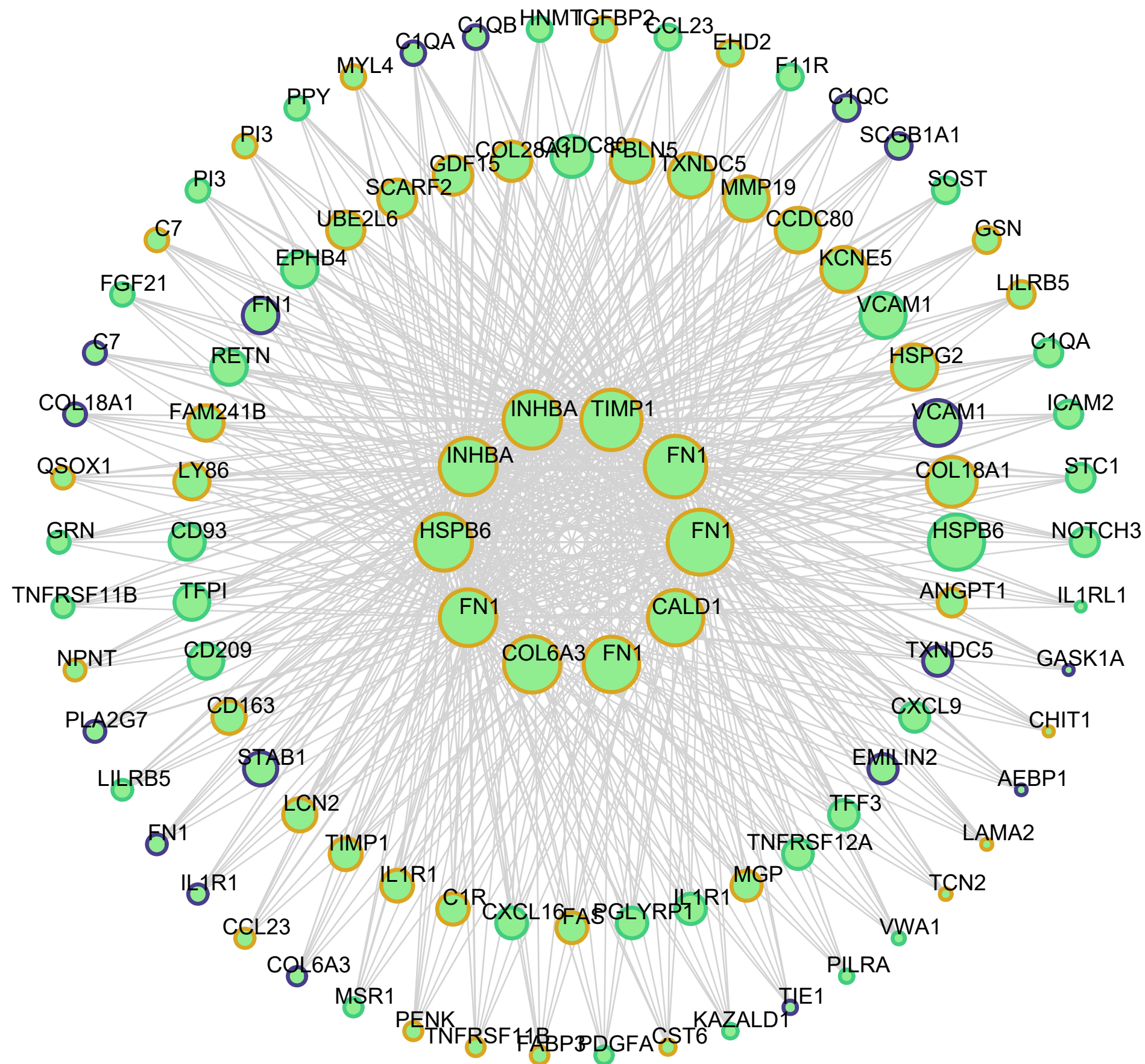
M22 darkgreen module: ECM/Actin Binding



M26 darkorange module: TGF-? Signaling

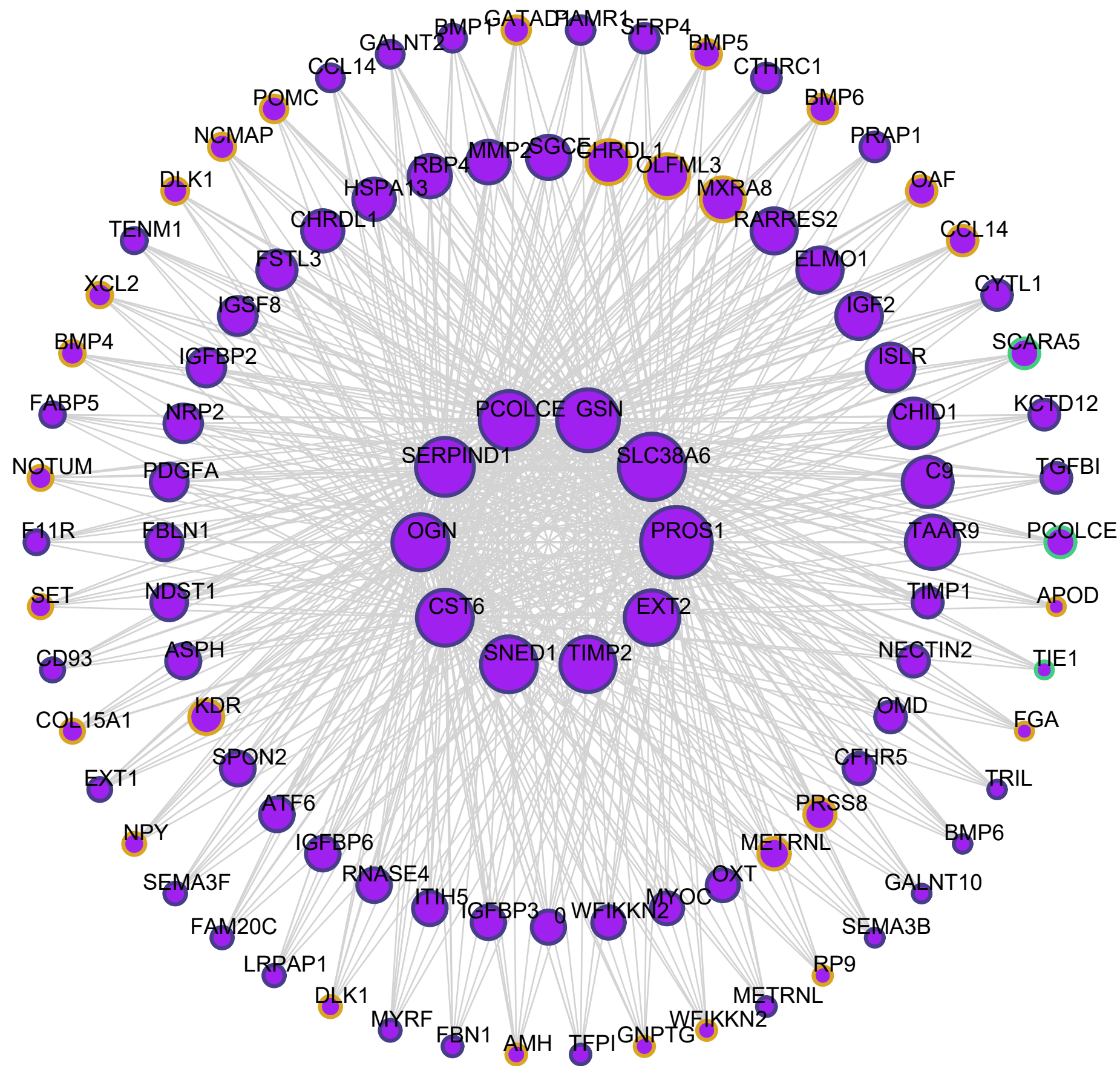


M18 lightgreen module: ECM Organization/Scavenger Receptor

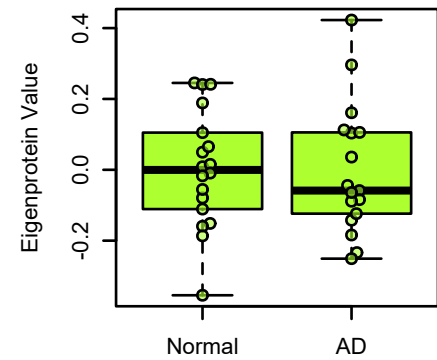


This circular network diagram illustrates the interactions between various proteins, arranged in concentric rings. The proteins are labeled with their names, such as APOA1, APOB, APOC1, APOE, and many others. The diagram shows a complex web of interactions, with some proteins highlighted in green and others in red. The central part of the diagram is a dense network of lines connecting the proteins, while the outer rings show the individual protein labels. The diagram is a circular network graph, where the nodes are proteins and the edges represent interactions between them. The proteins are arranged in concentric rings, with the innermost ring containing the most central proteins and the outermost ring containing the peripheral proteins. The diagram is a circular network graph, where the nodes are proteins and the edges represent interactions between them. The proteins are arranged in concentric rings, with the innermost ring containing the most central proteins and the outermost ring containing the peripheral proteins. The diagram is a circular network graph, where the nodes are proteins and the edges represent interactions between them. The proteins are arranged in concentric rings, with the innermost ring containing the most central proteins and the outermost ring containing the peripheral proteins.

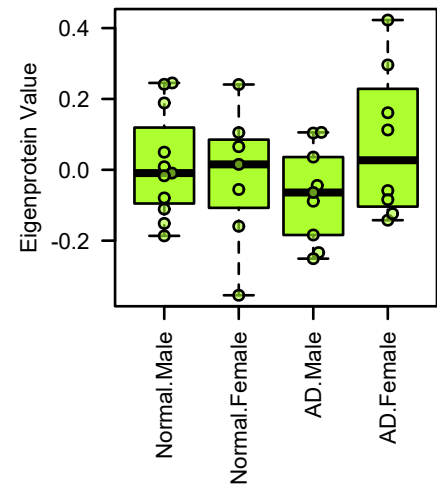
M10 purple module: Ossification/Bone Development



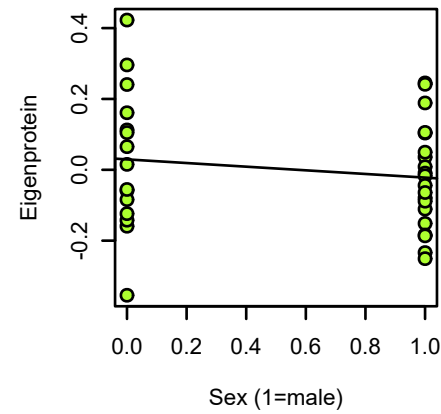
M11 greenyellow
Age+Sex-disc. $p = 0.18$
Sex-discounted $p = 0.69$



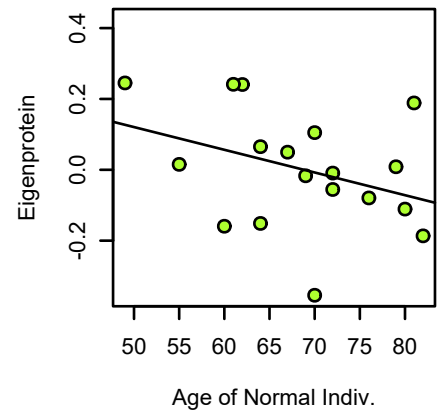
M11 greenyellow
Ambiguous
ANOVA $p = 0.19$



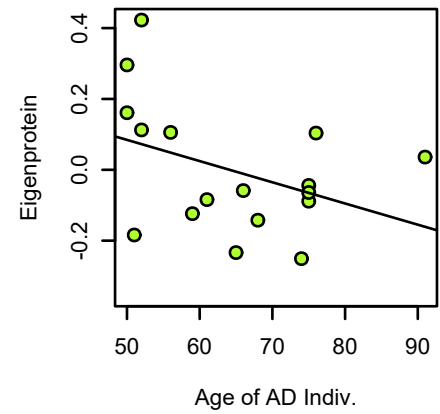
bicor=-0.14, $p=0.42$
cor=-0.15, $p=0.39$



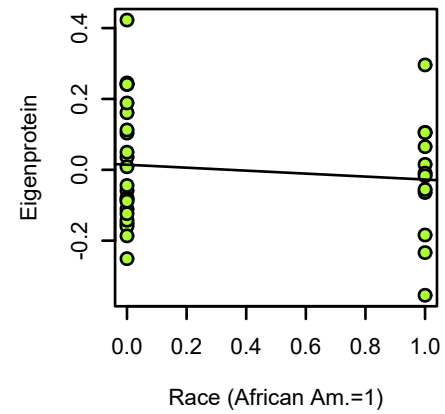
bicor=-0.35, $p=0.15$
cor=-0.36, $p=0.14$



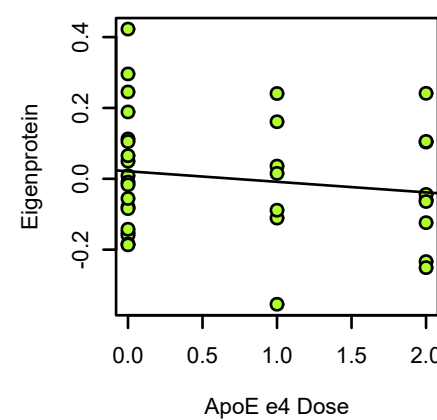
bicor=-0.38, $p=0.14$
cor=-0.39, $p=0.12$



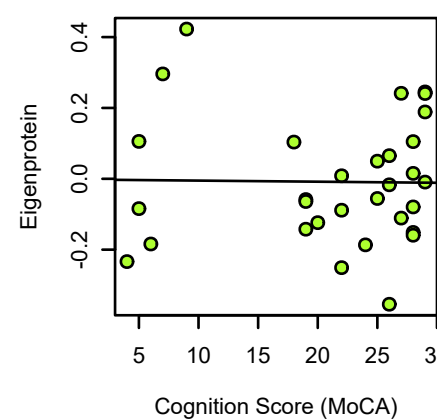
bicor=-0.099, $p=0.57$
cor=-0.12, $p=0.49$



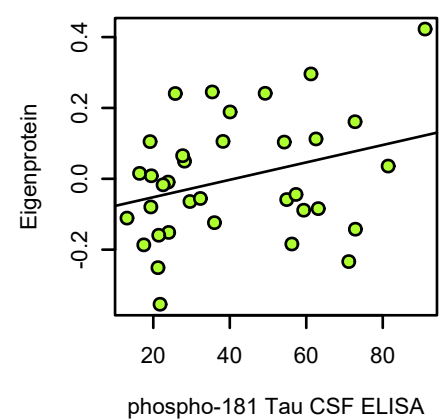
bicor=-0.13, $p=0.44$
cor=-0.15, $p=0.39$



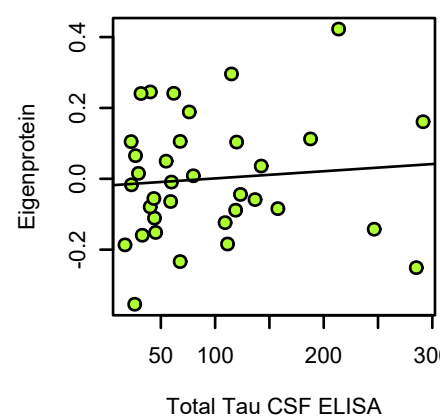
bicor=0.061, $p=0.75$
cor=-0.014, $p=0.94$



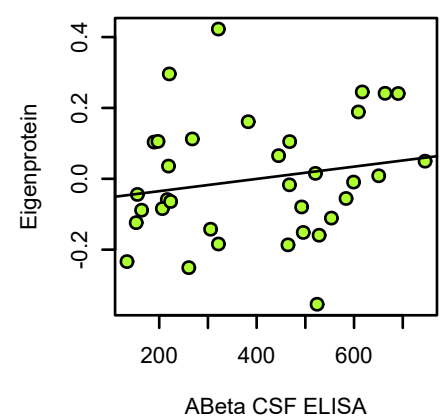
bicor=0.27, $p=0.11$
cor=0.31, $p=0.07$



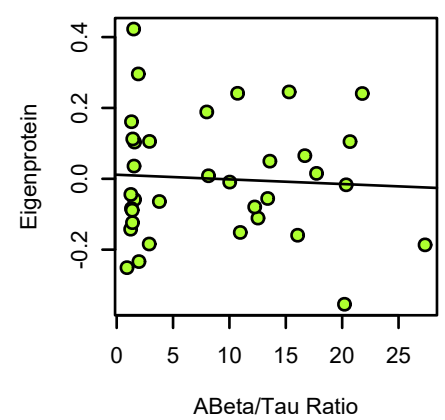
bicor=0.12, $p=0.5$
cor=0.088, $p=0.62$



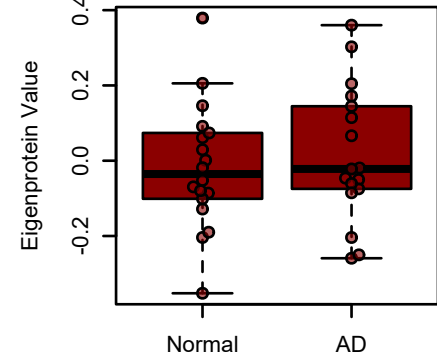
bicor=0.18, $p=0.3$
cor=0.19, $p=0.27$



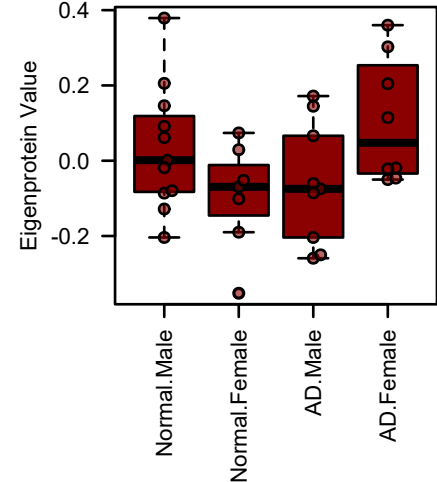
bicor=-0.019, $p=0.91$
cor=-0.06, $p=0.73$



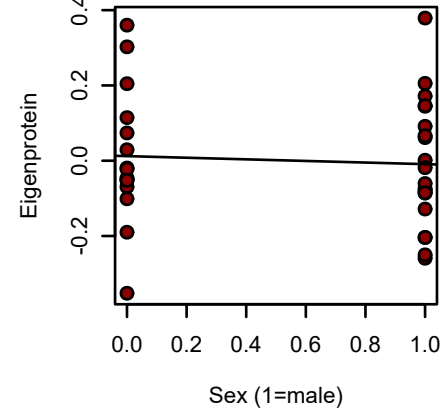
M21 darkred
Age+Sex-disc. $p = 0.84$
Sex-discounted $p = 0.81$



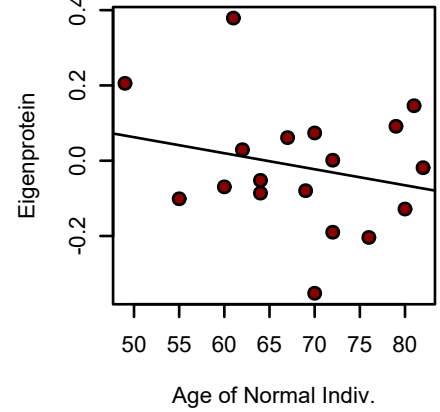
M21 darkred
Neuron Recognition
ANOVA $p = 0.14$



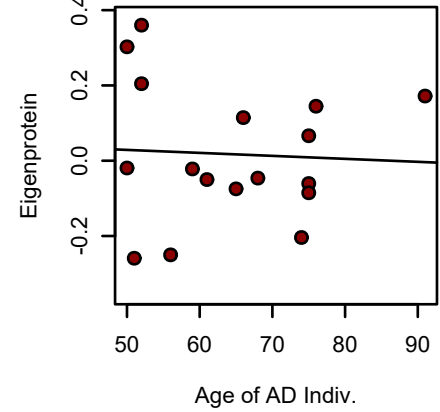
bicor=-0.064, $p=0.71$
cor=-0.062, $p=0.72$



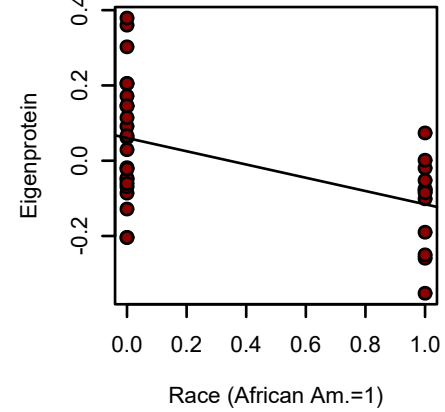
bicor=-0.2, $p=0.43$
cor=-0.24, $p=0.34$



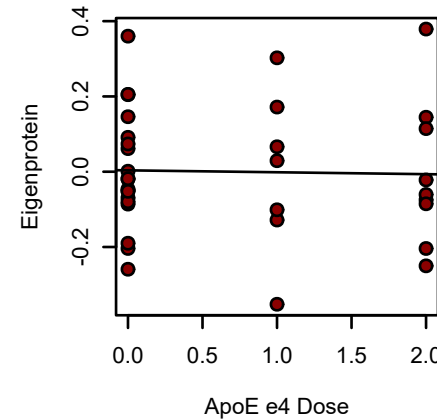
bicor=-0.051, $p=0.85$
cor=-0.053, $p=0.84$



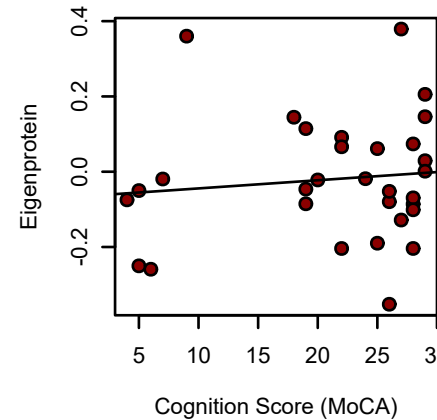
bicor=-0.5, $p=0.0024$
cor=-0.49, $p=0.0028$



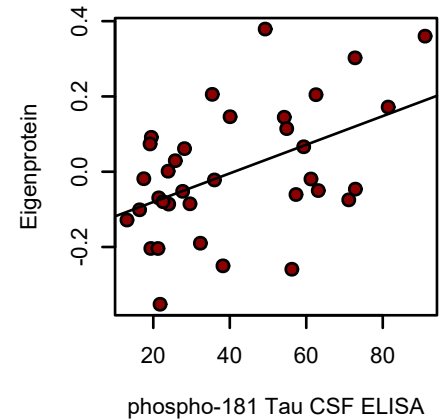
bicor=-0.046, $p=0.79$
cor=-0.026, $p=0.88$



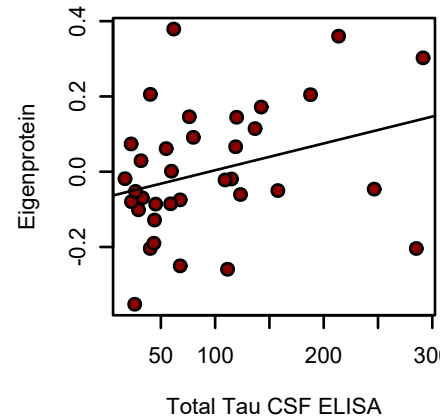
bicor=-0.042, $p=0.82$
cor=0.11, $p=0.56$



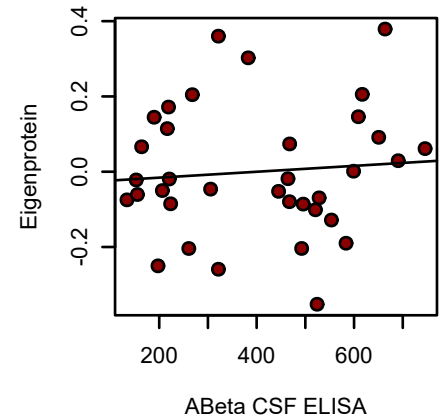
bicor=0.46, $p=0.0058$
cor=0.48, $p=0.0035$



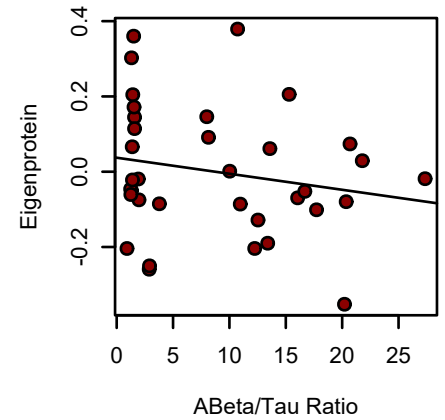
bicor=0.35, $p=0.037$
cor=0.31, $p=0.07$

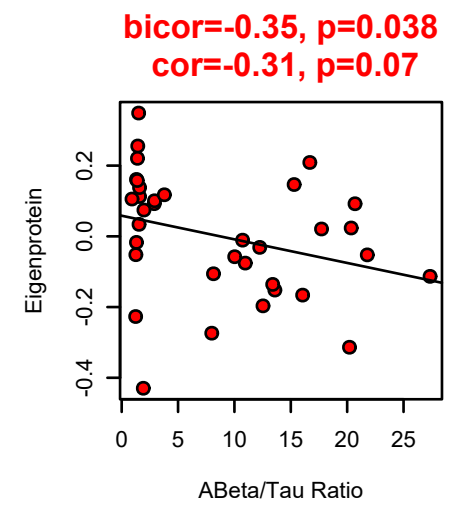
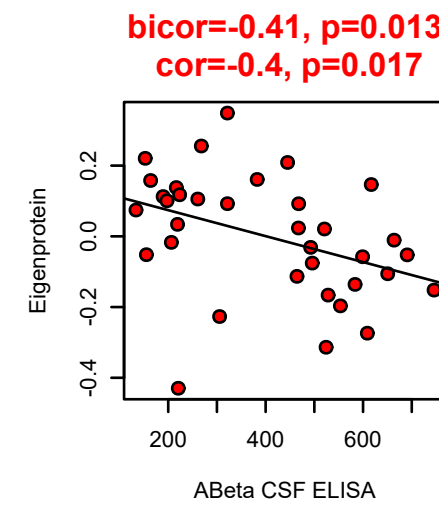
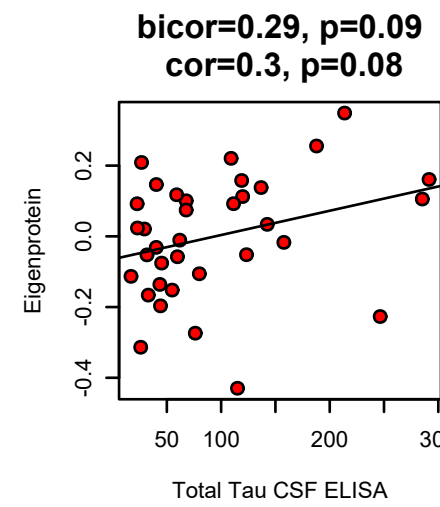
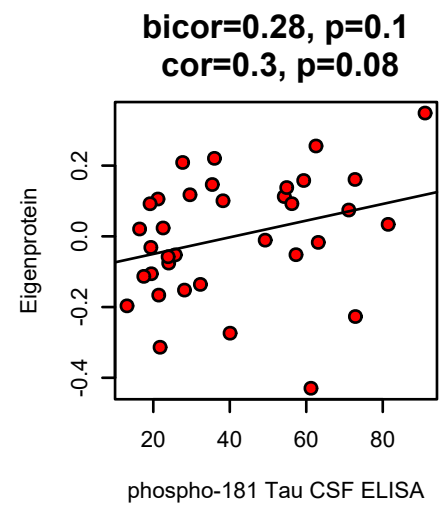
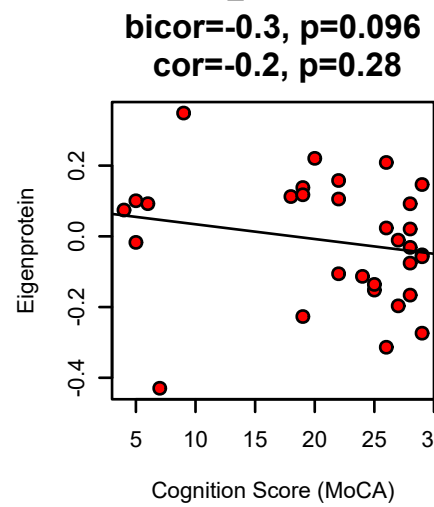
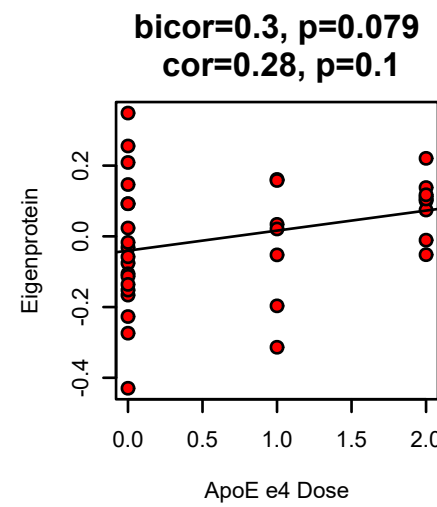
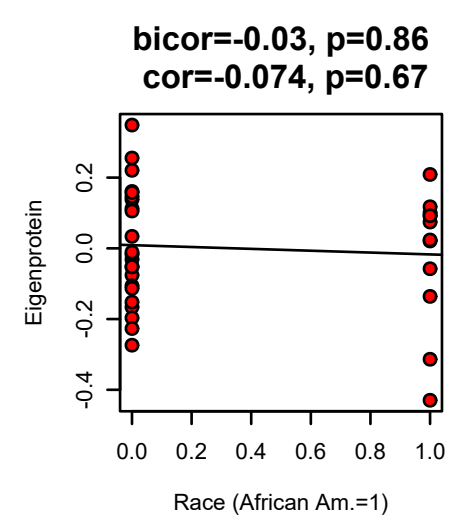
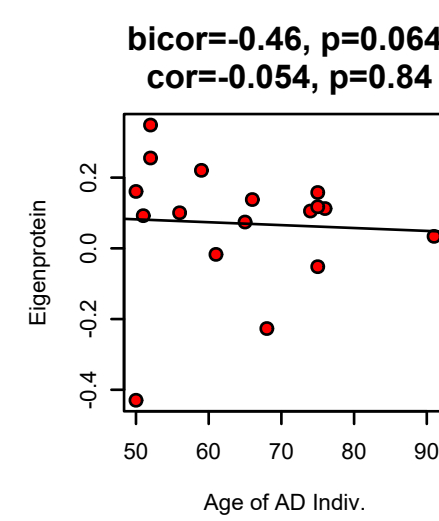
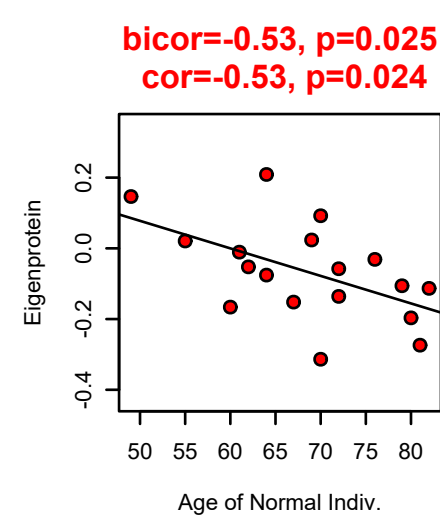
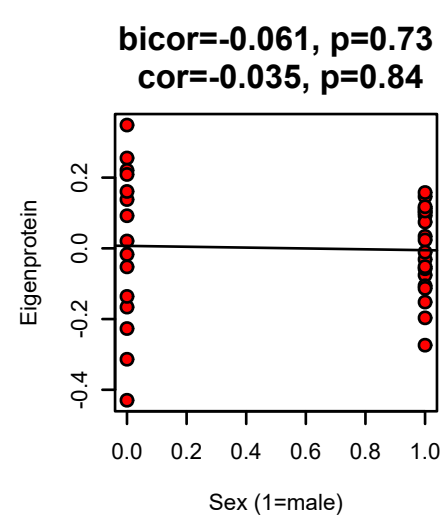
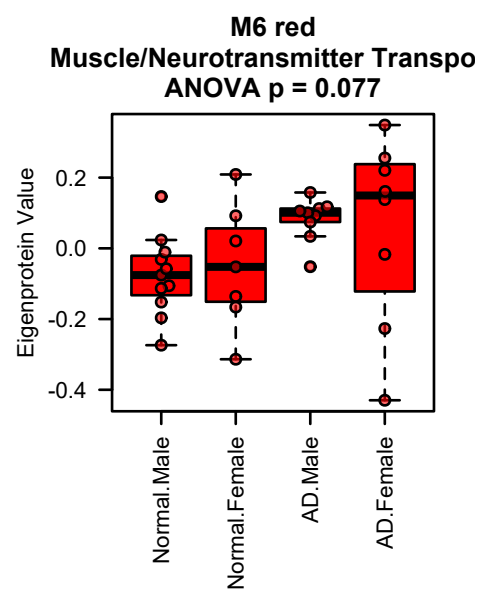
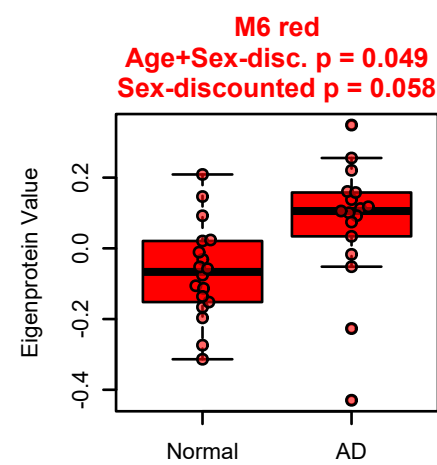
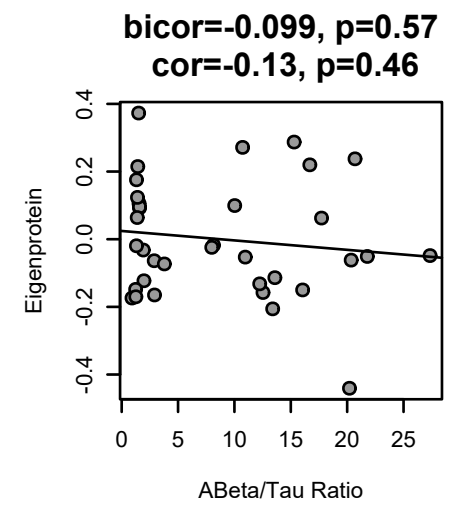
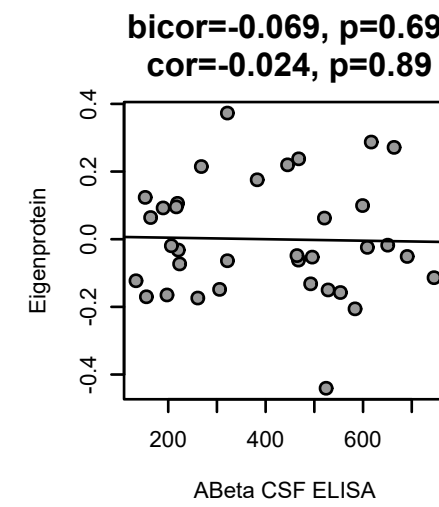
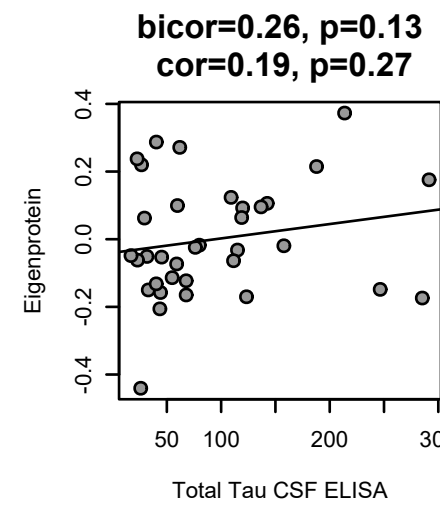
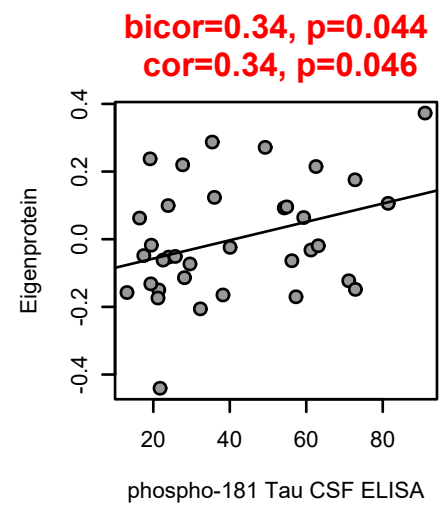
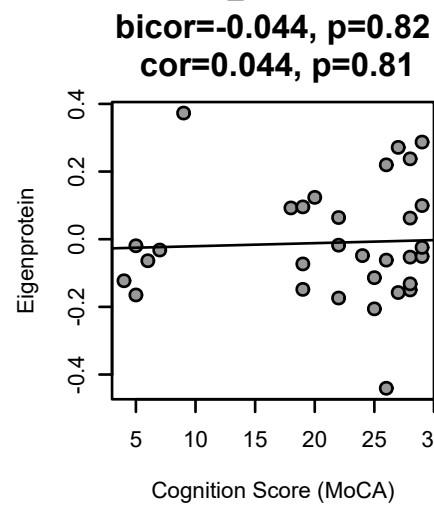
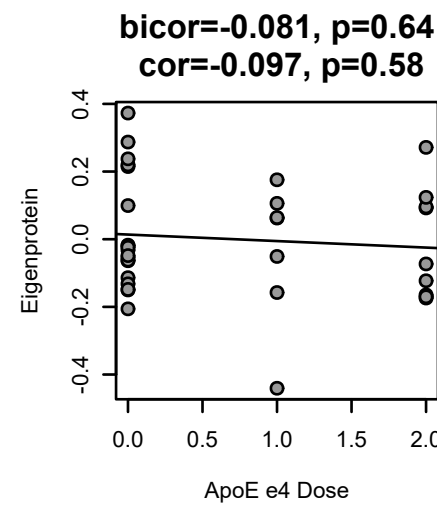
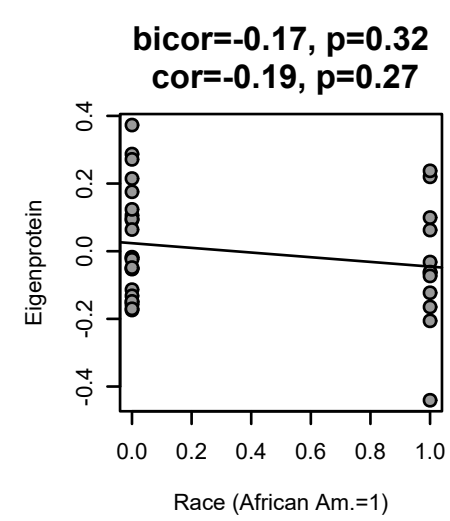
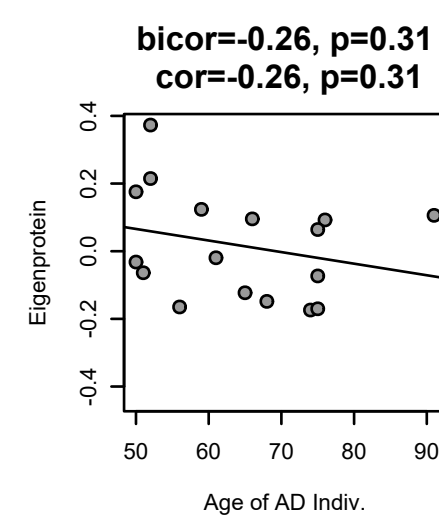
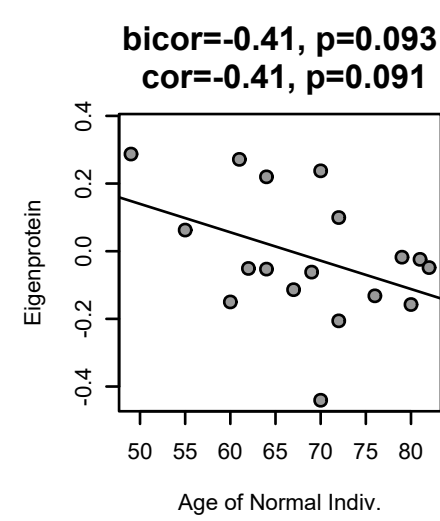
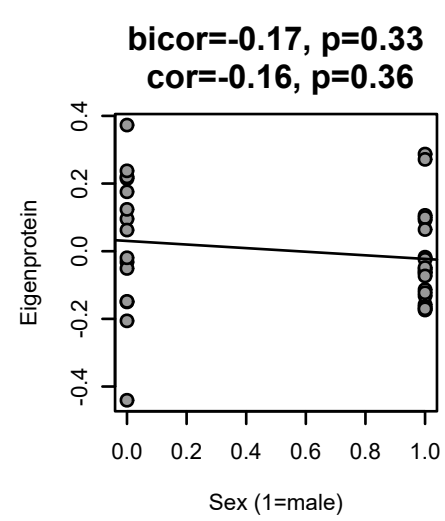
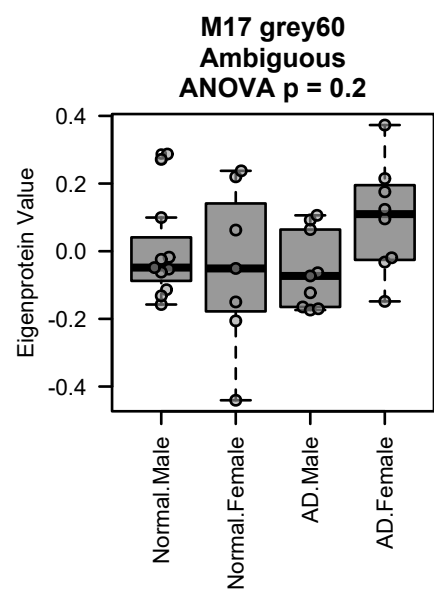
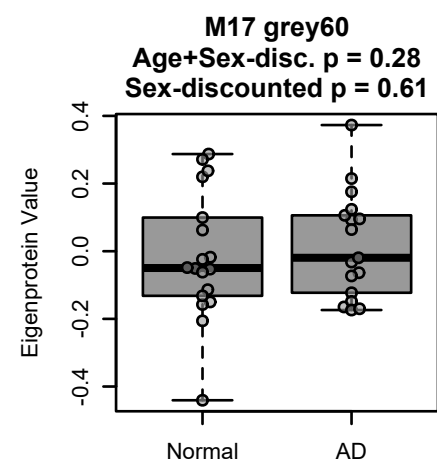


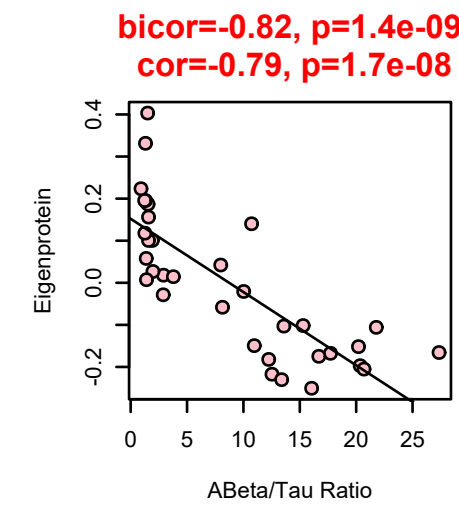
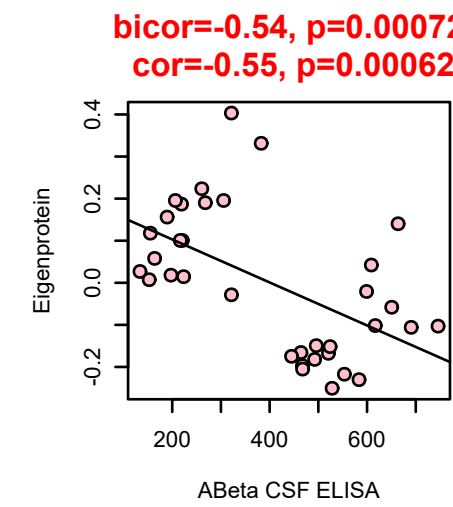
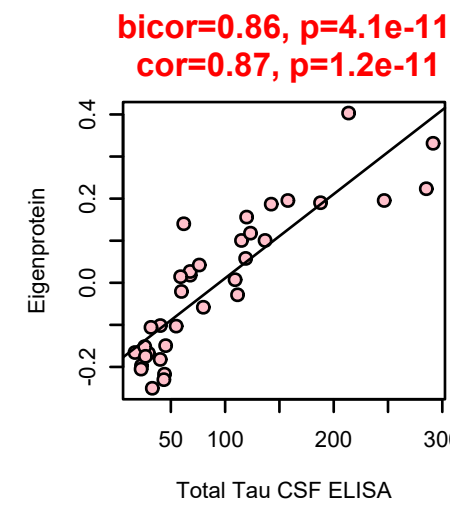
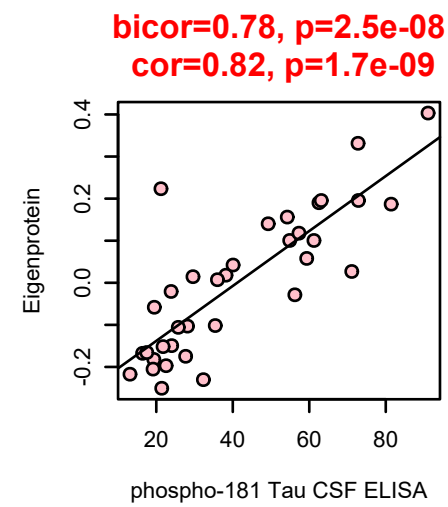
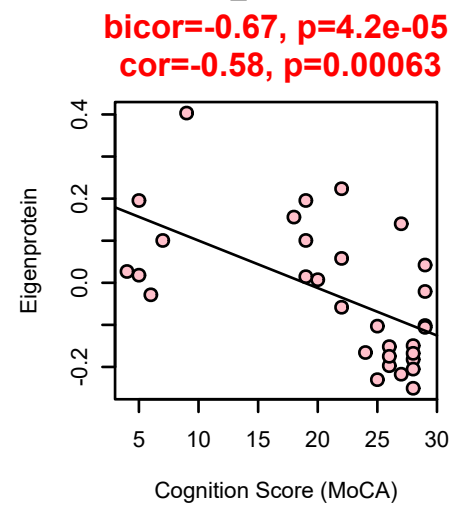
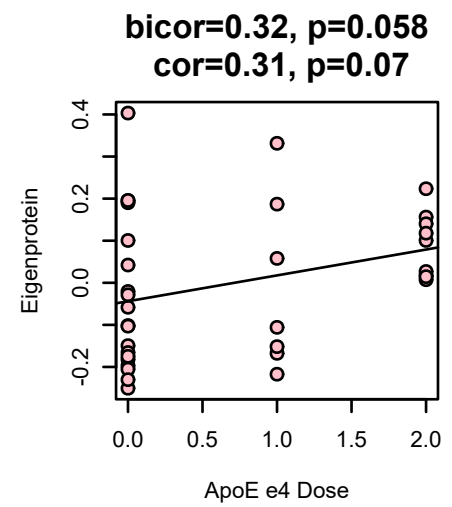
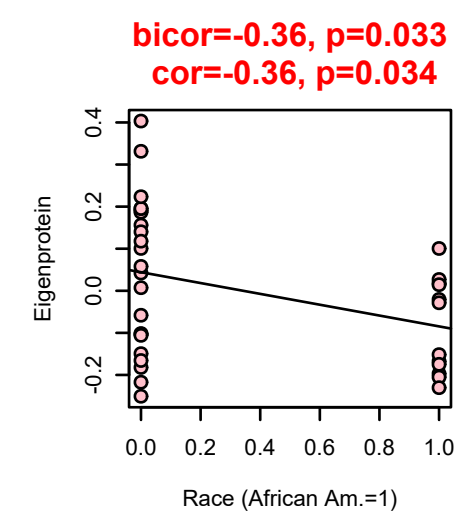
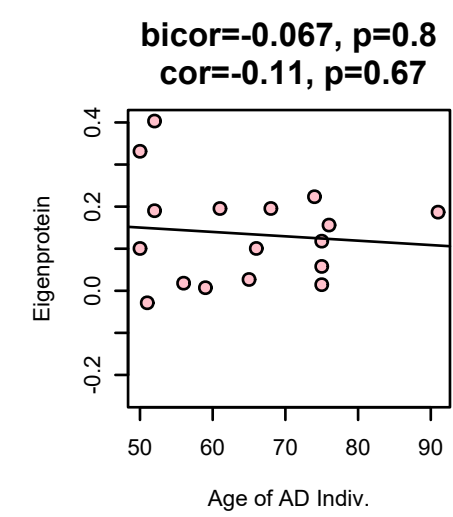
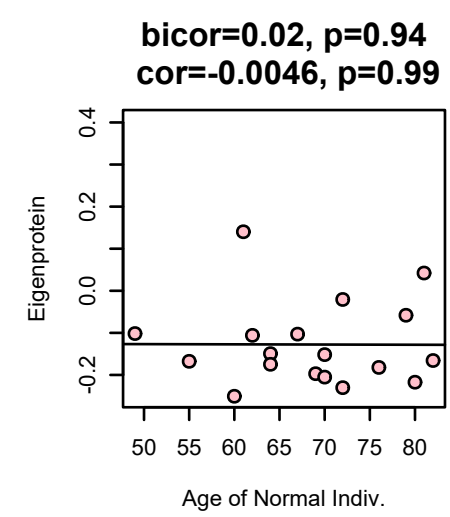
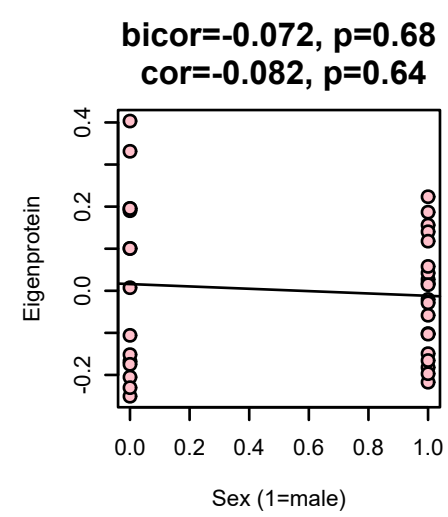
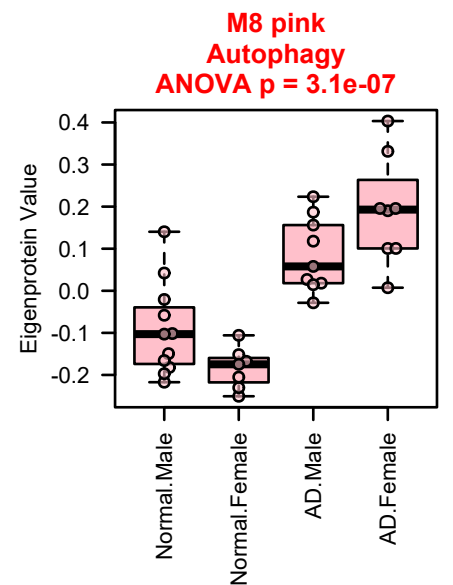
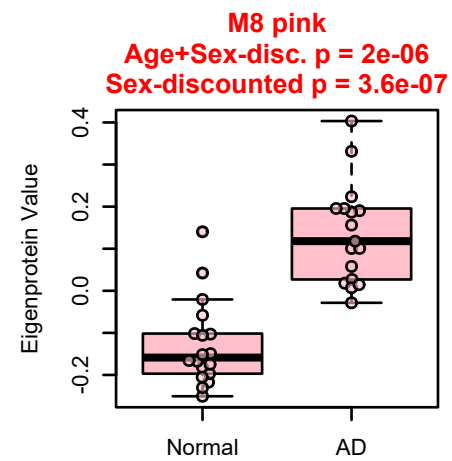
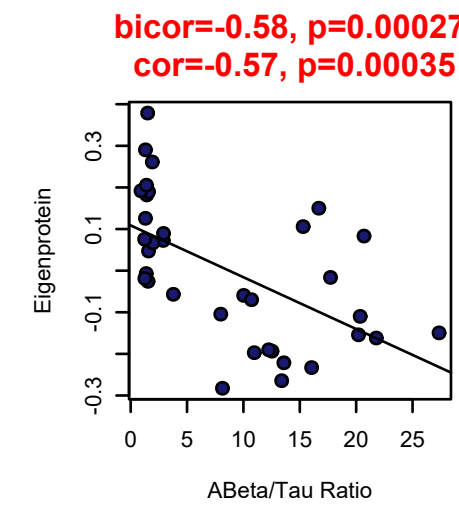
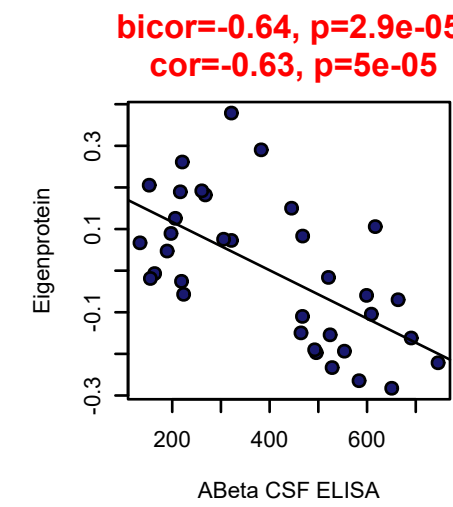
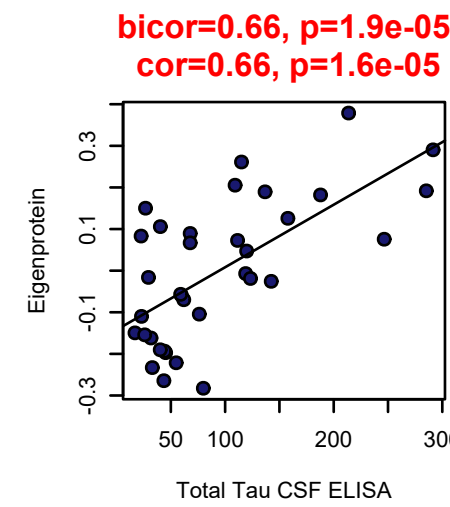
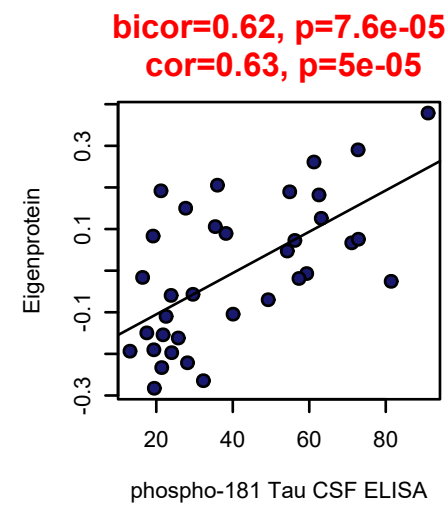
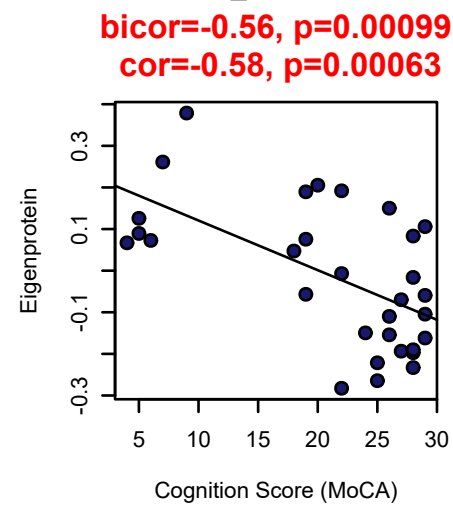
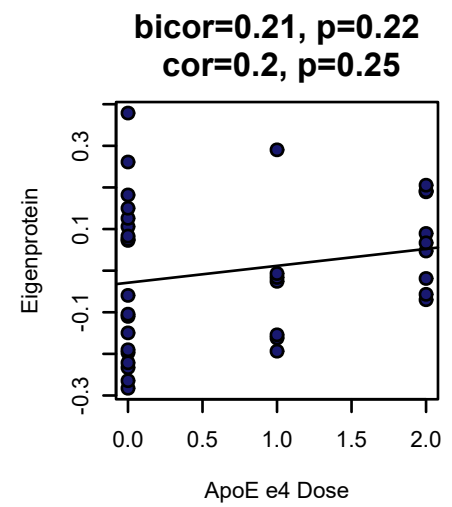
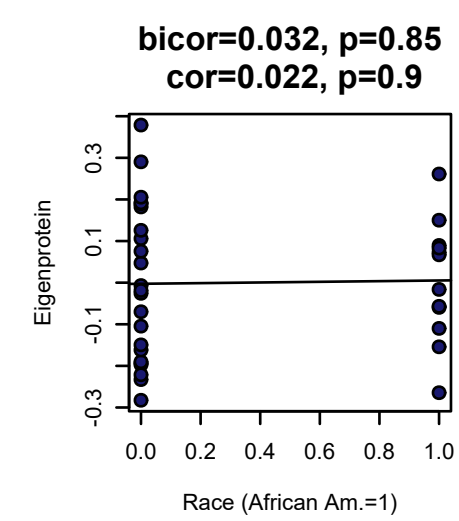
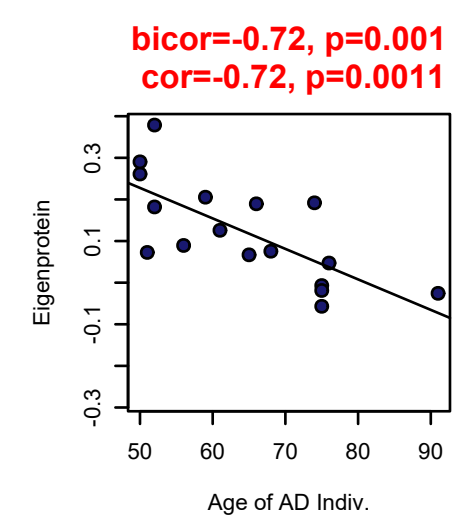
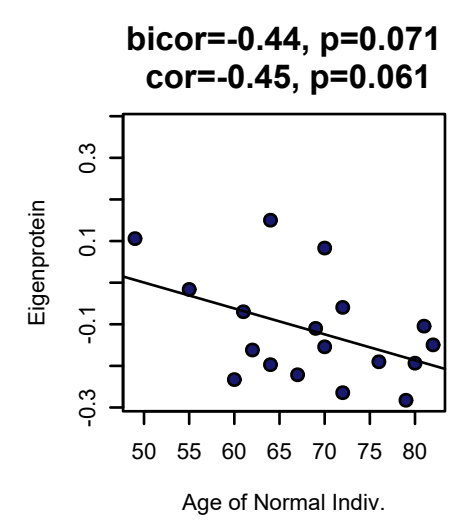
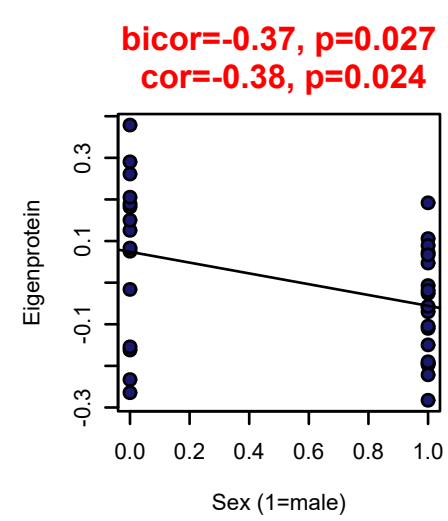
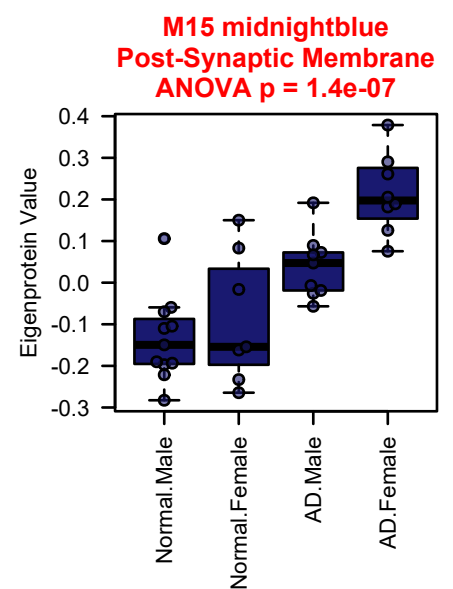
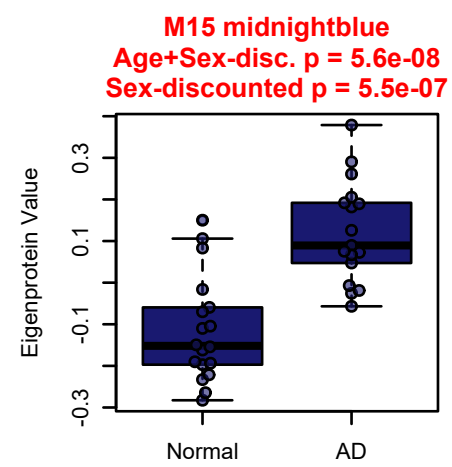
bicor=0.05, $p=0.78$
cor=0.084, $p=0.63$

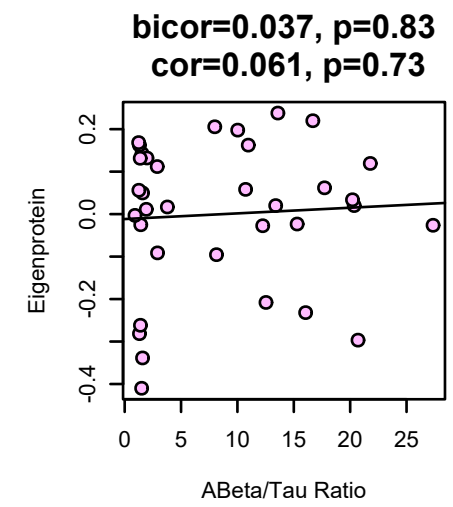
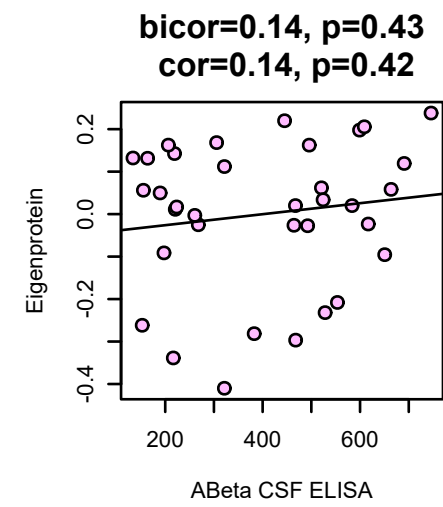
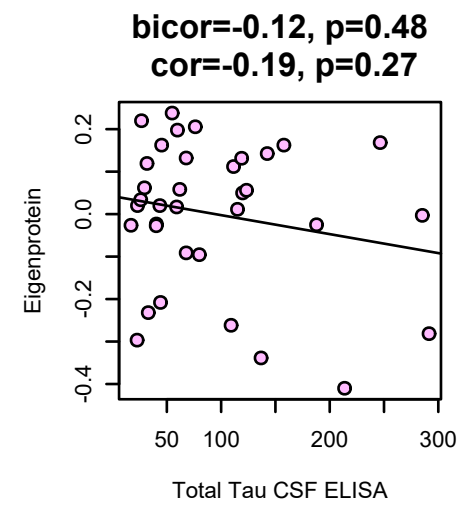
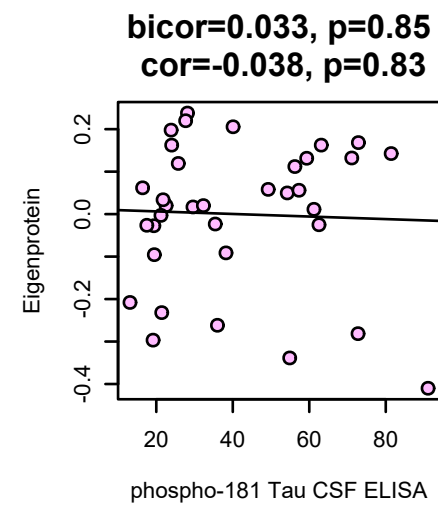
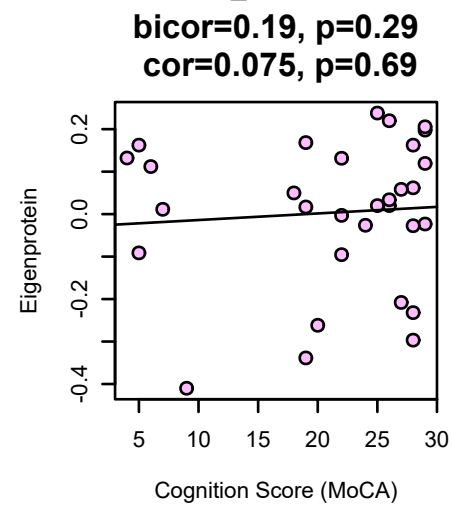
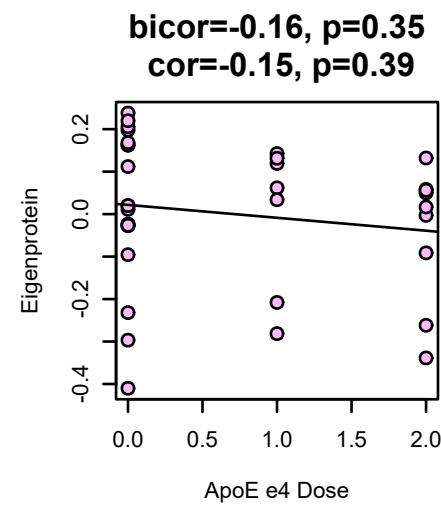
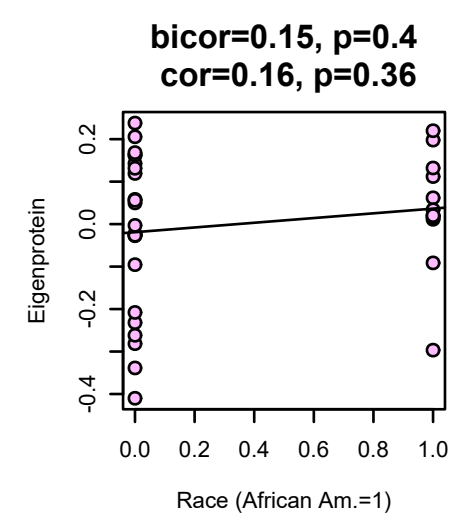
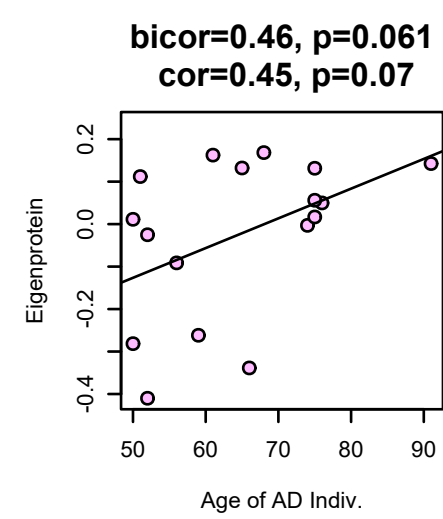
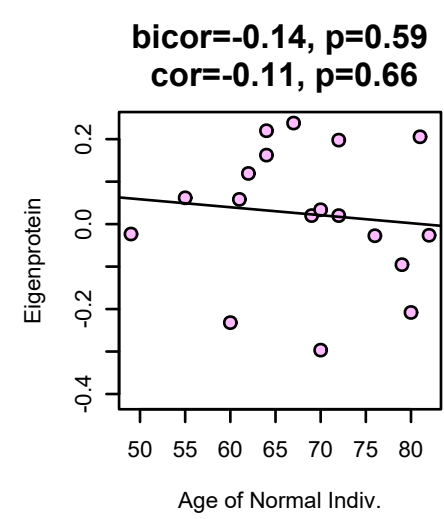
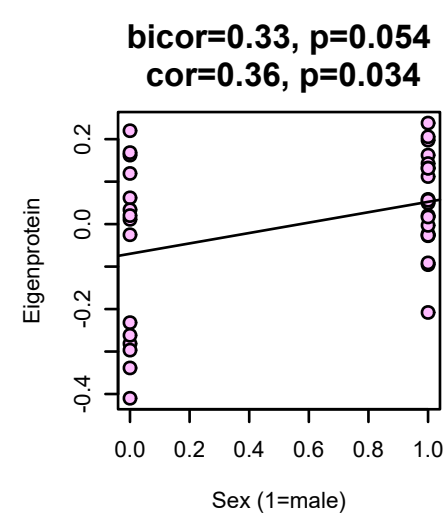
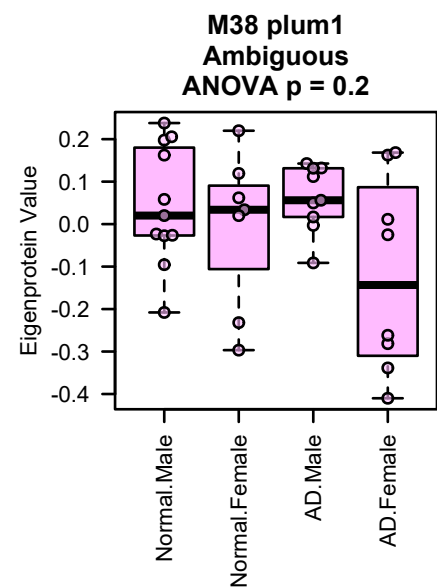
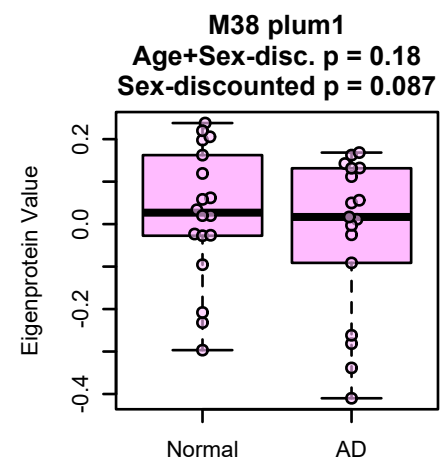
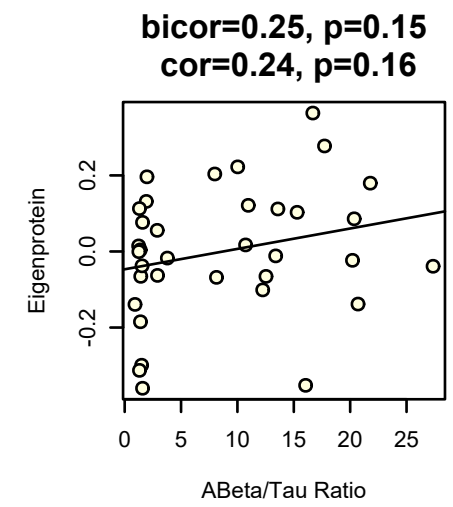
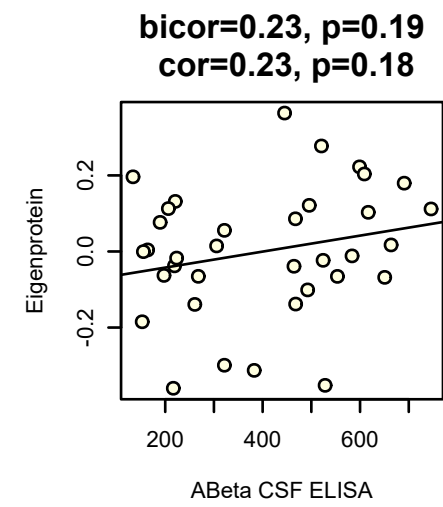
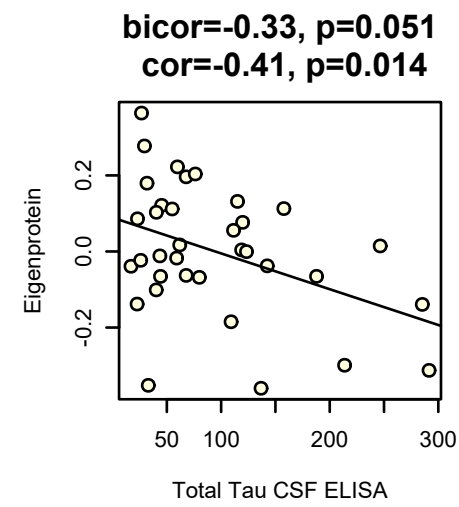
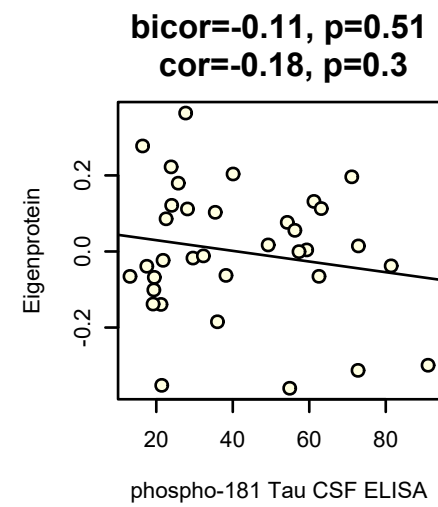
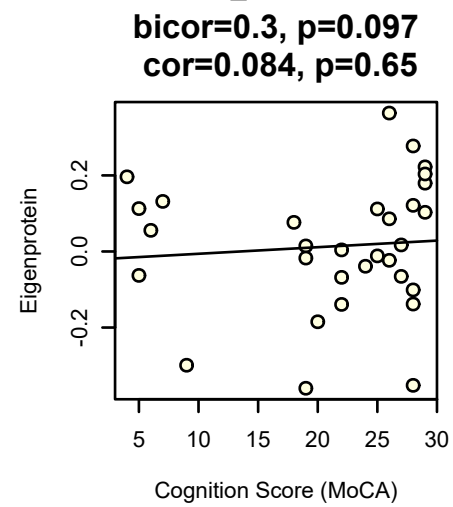
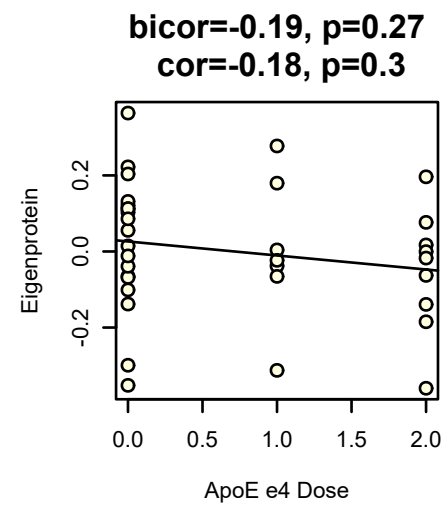
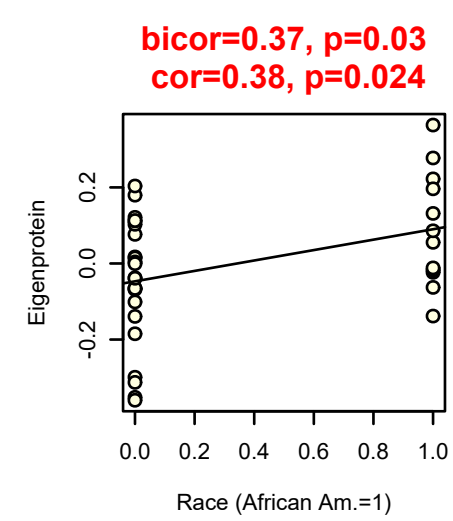
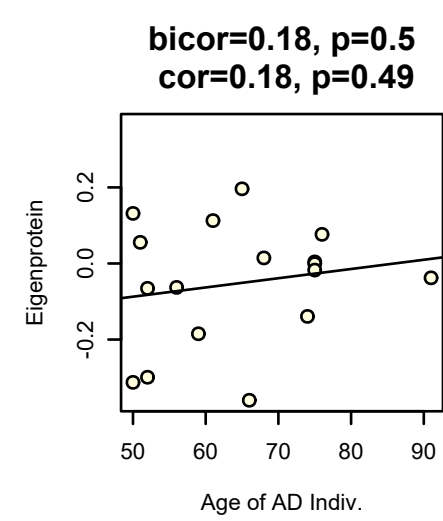
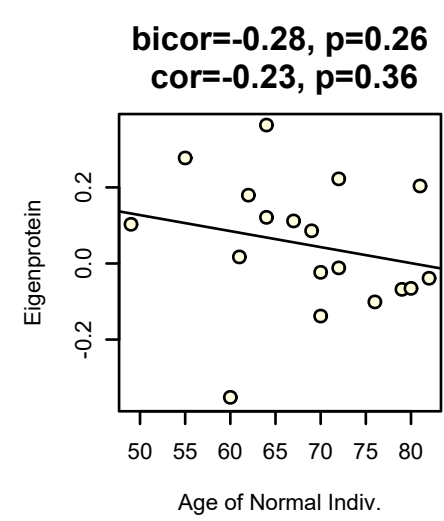
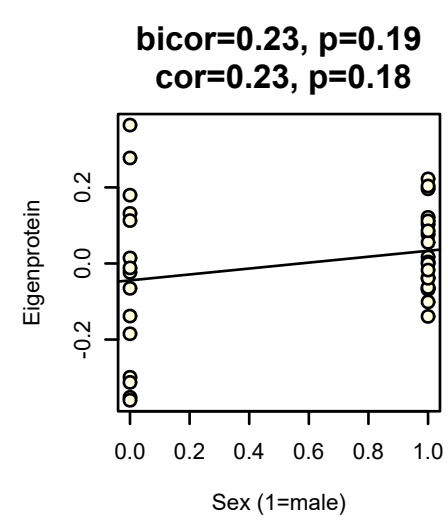
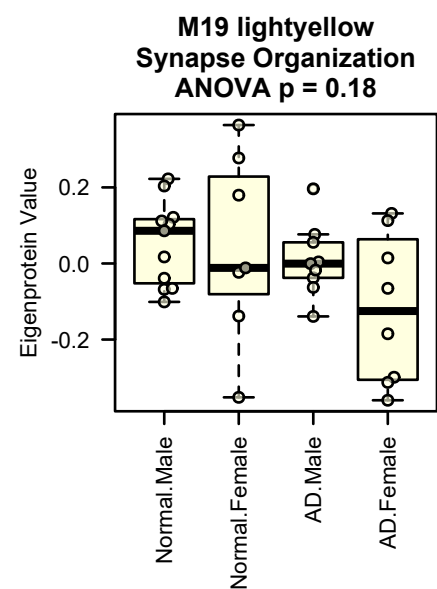
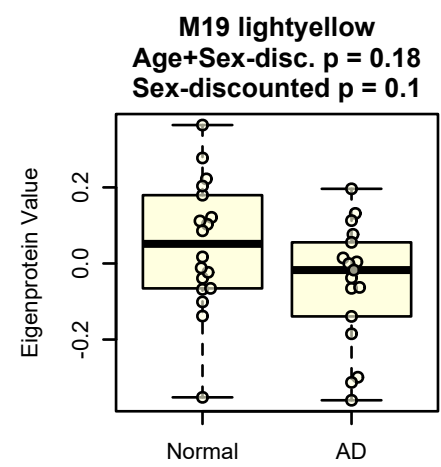


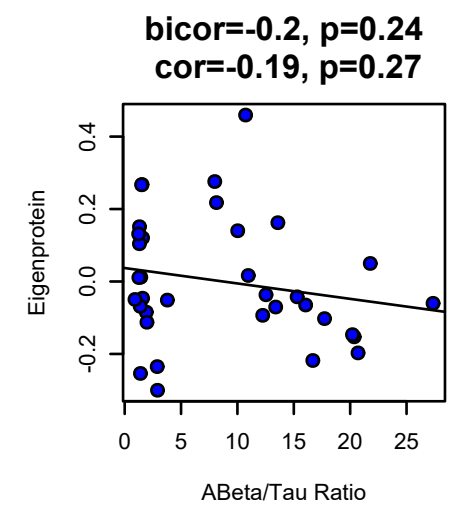
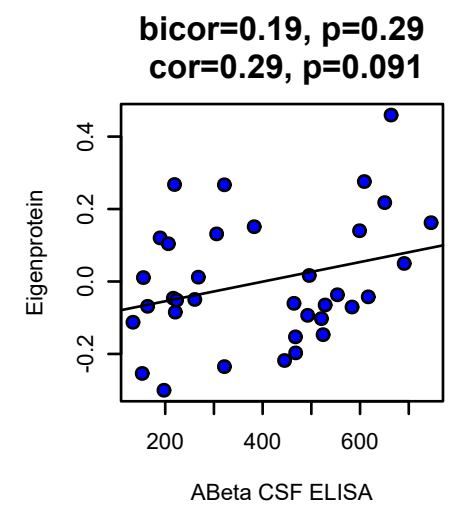
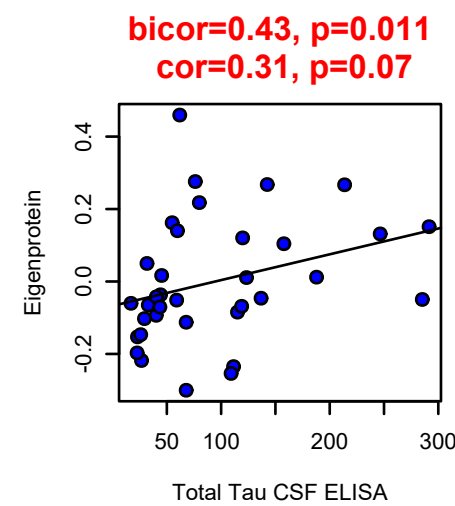
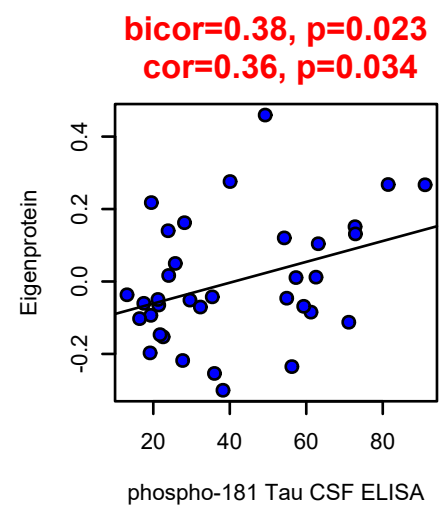
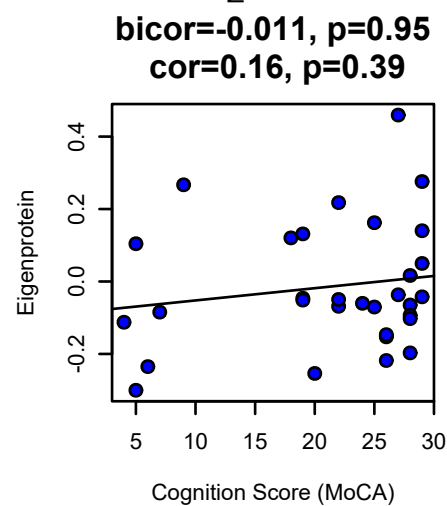
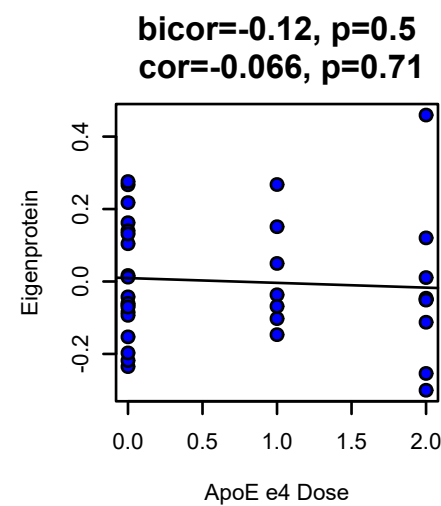
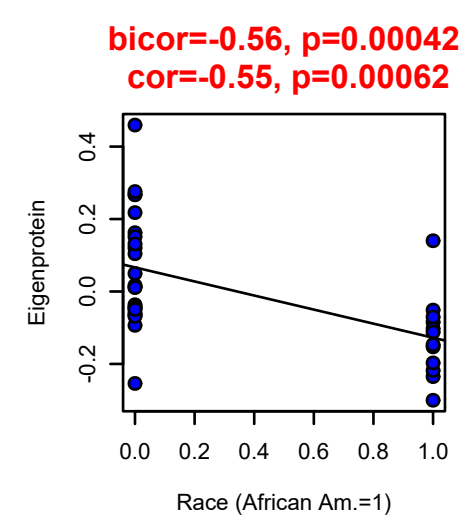
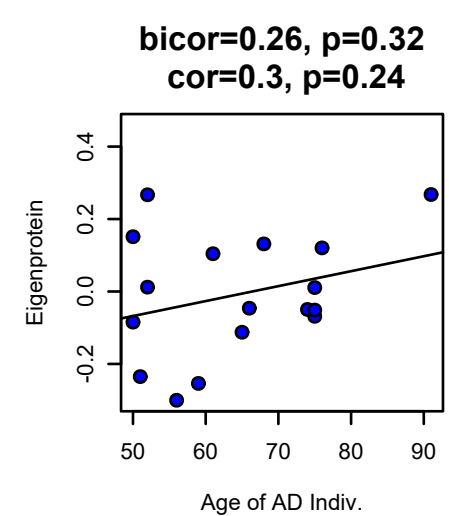
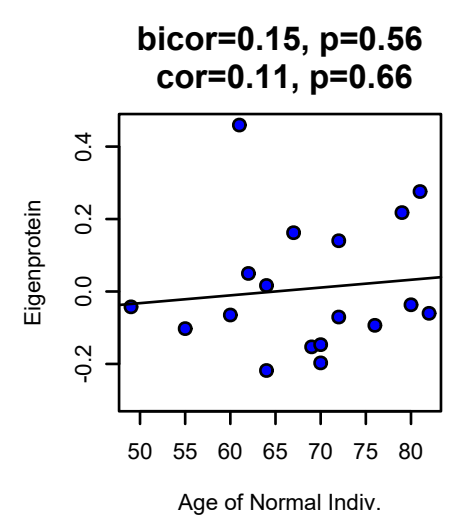
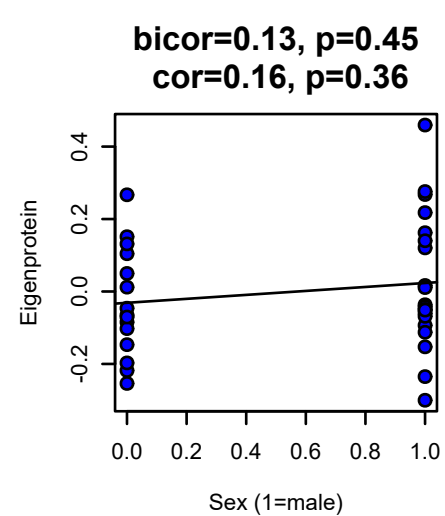
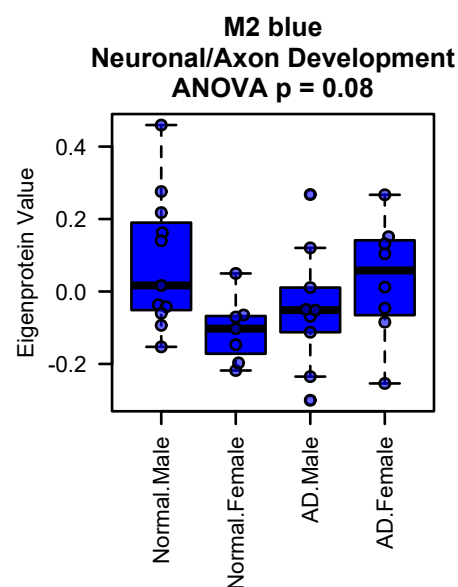
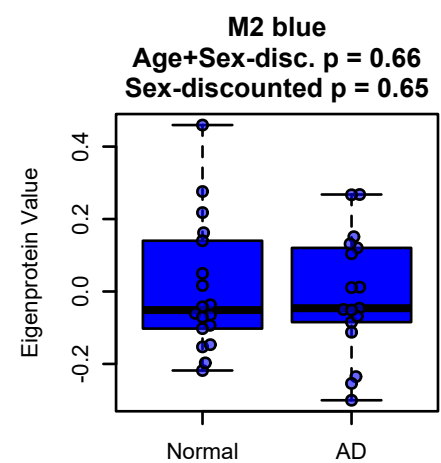
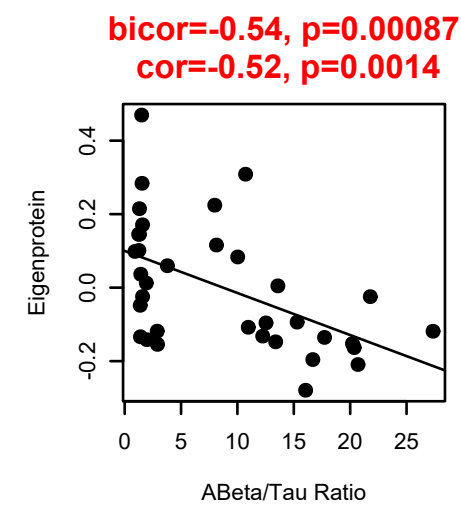
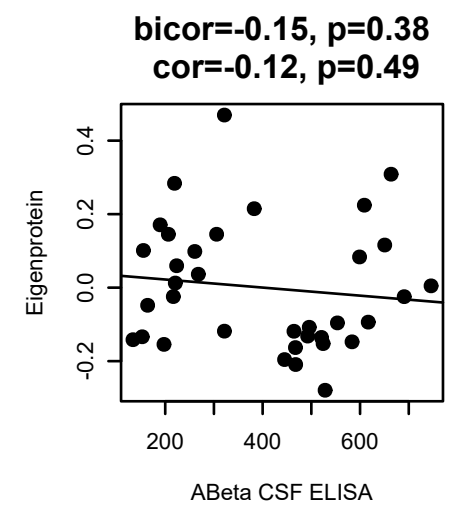
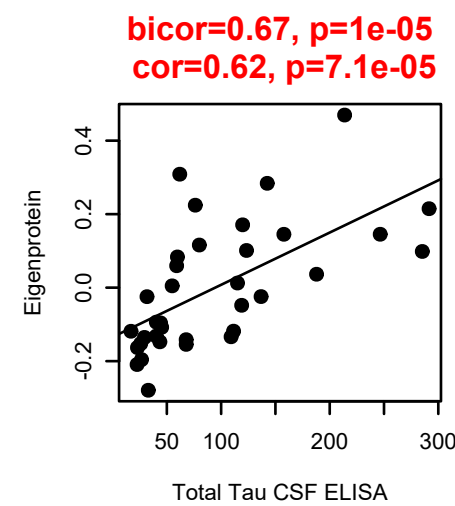
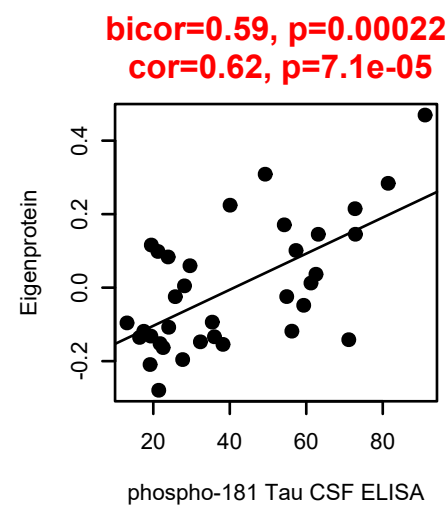
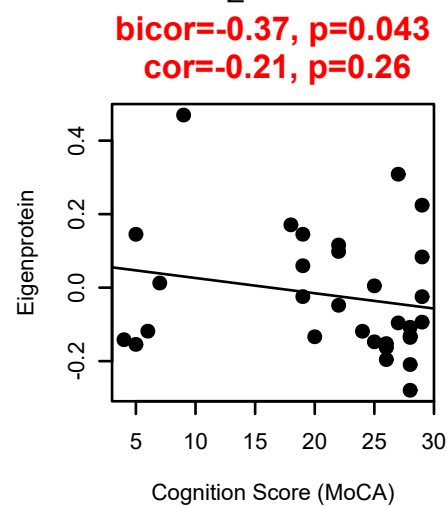
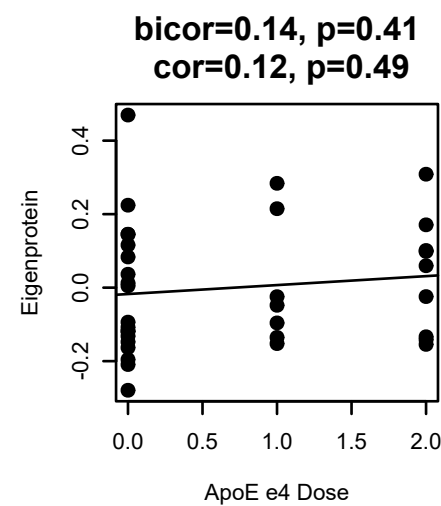
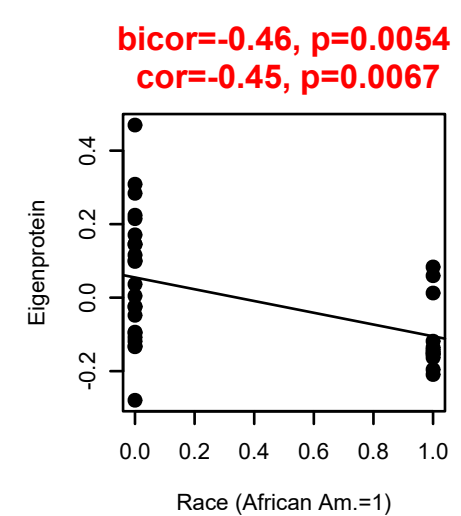
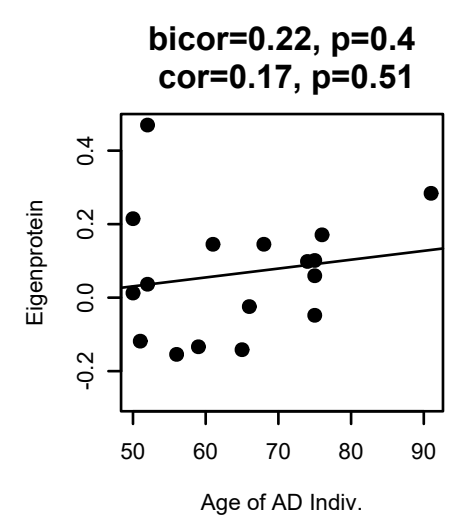
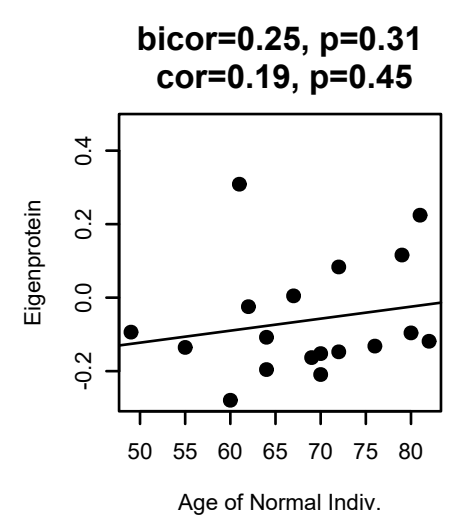
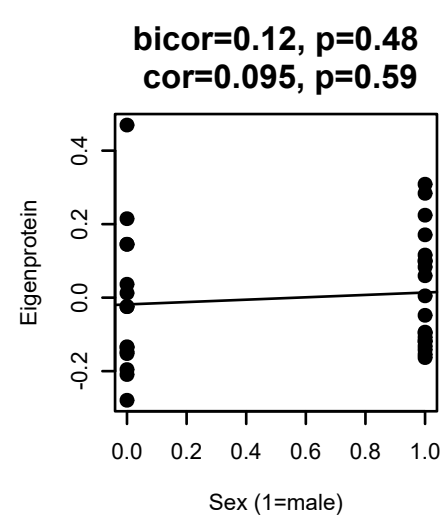
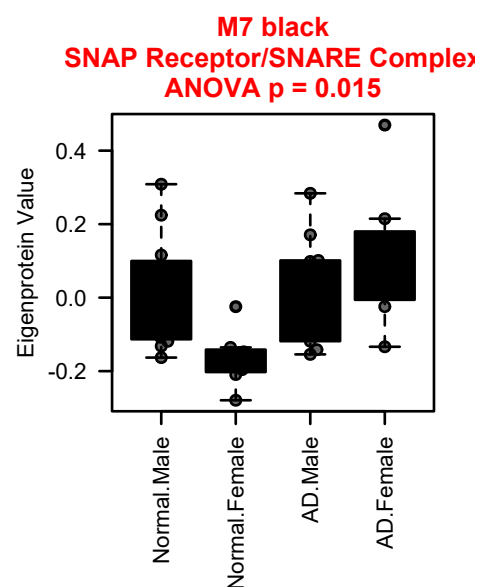
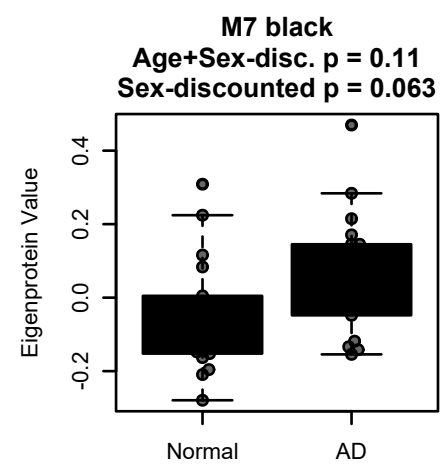
bicor=-0.18, $p=0.31$
cor=-0.19, $p=0.27$

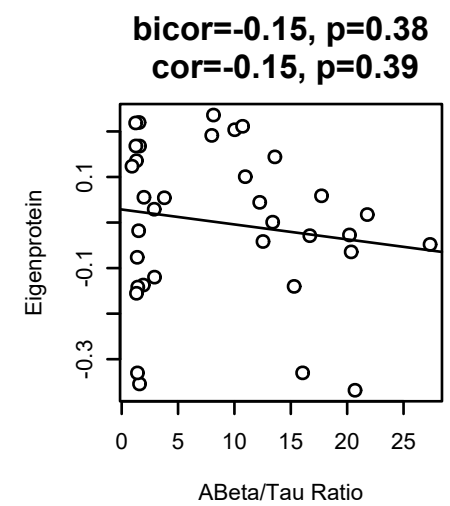
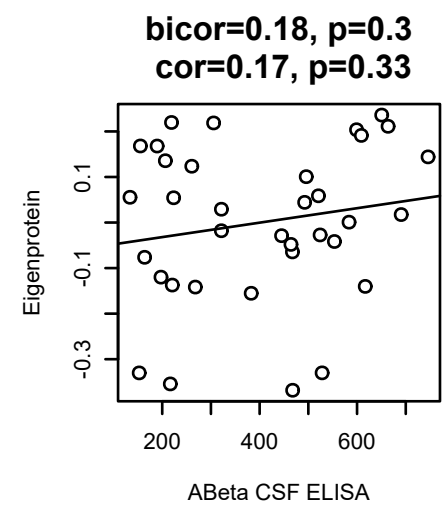
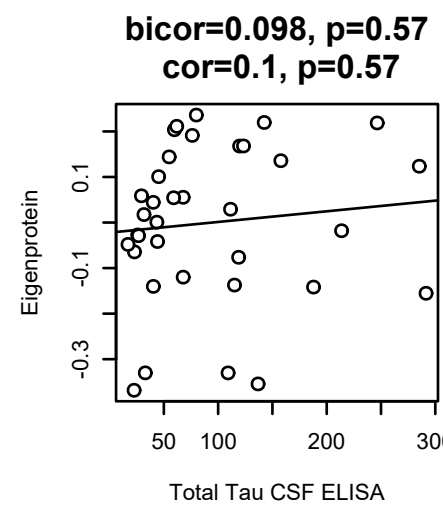
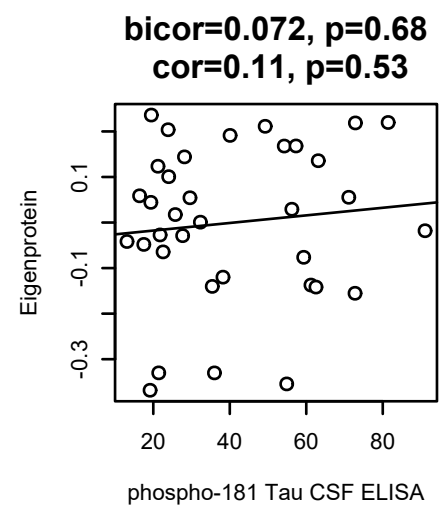
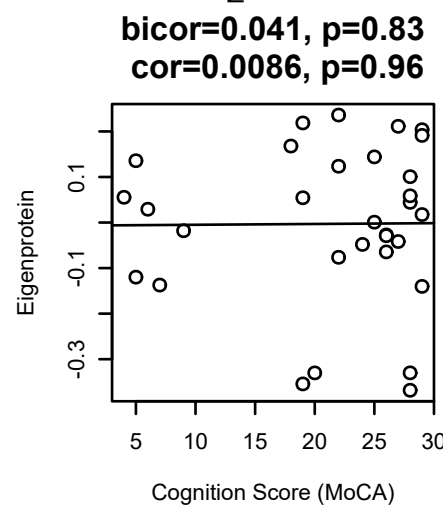
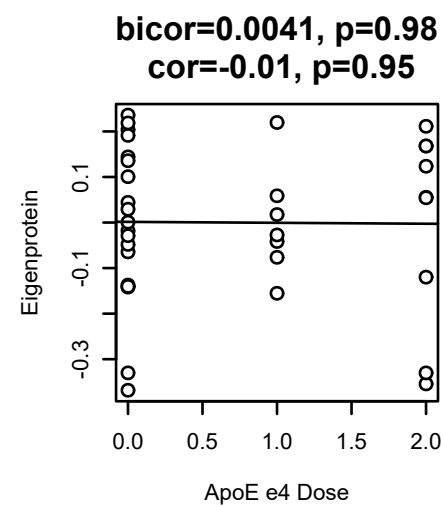
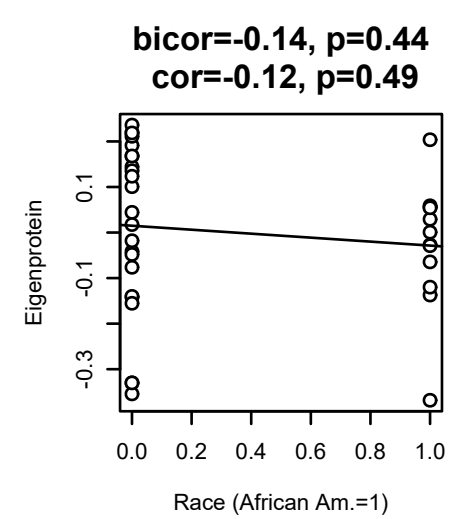
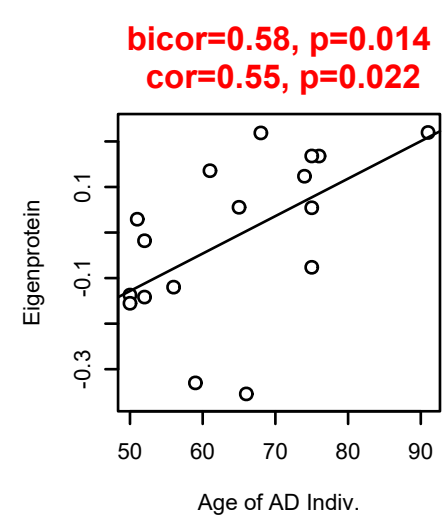
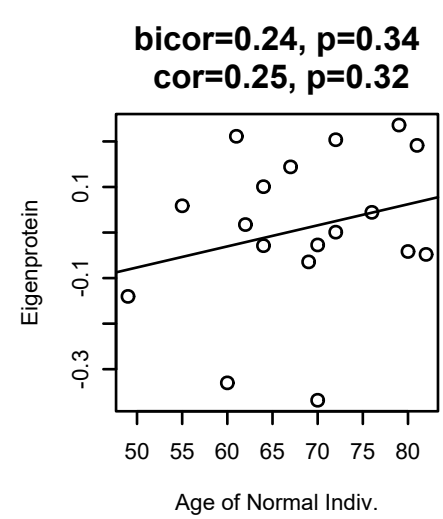
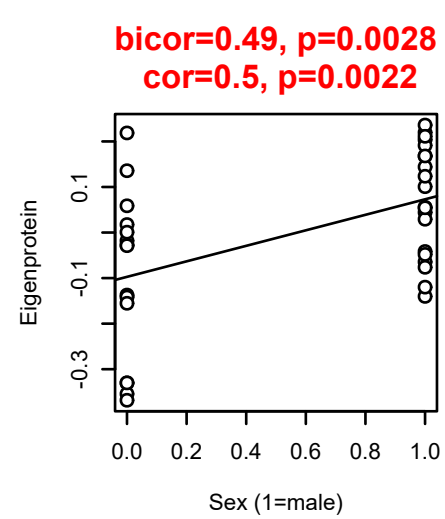
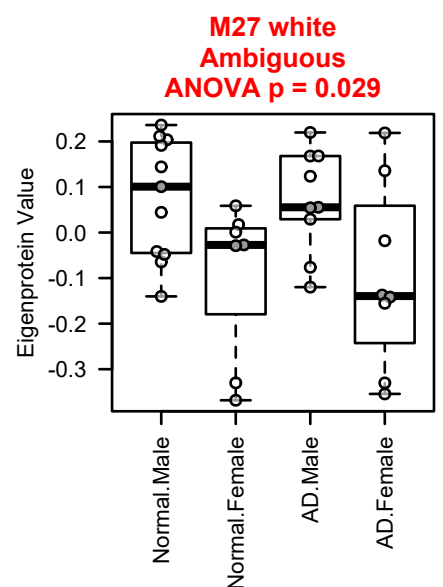
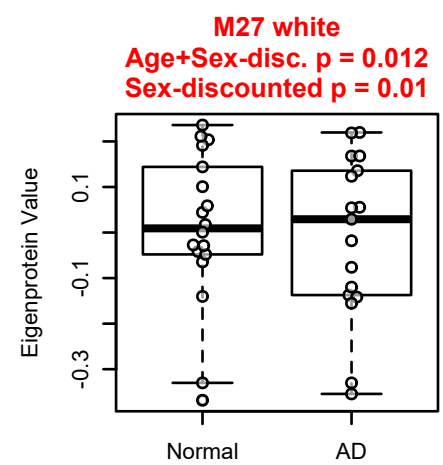
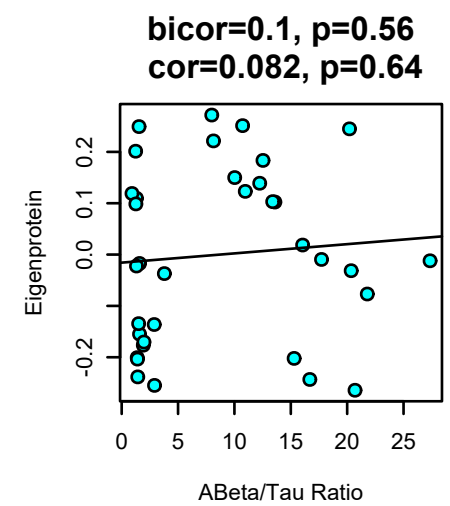
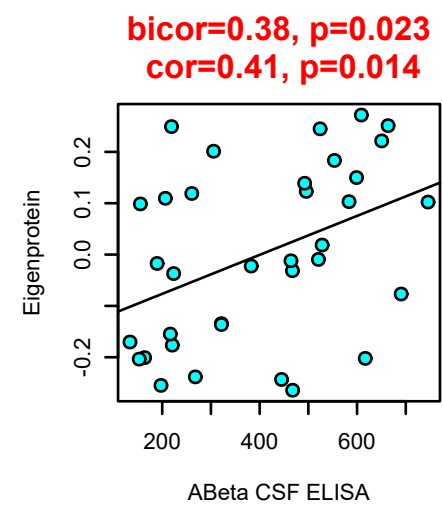
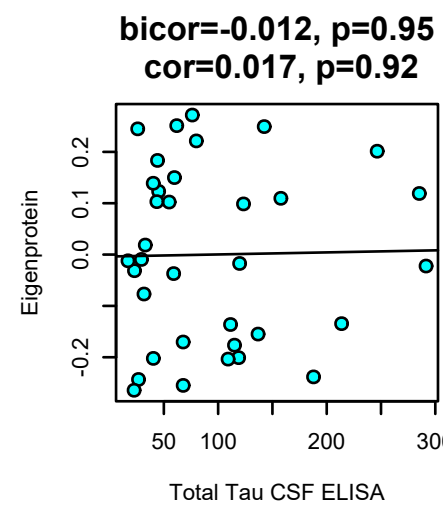
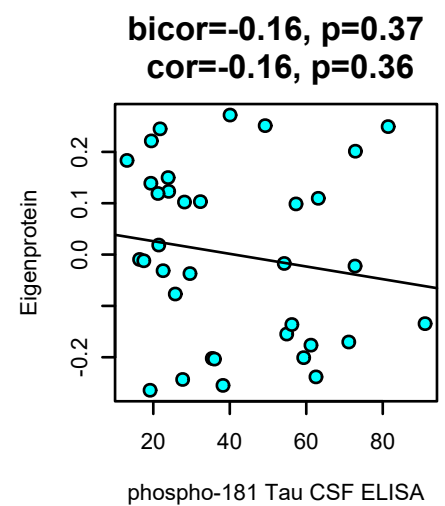
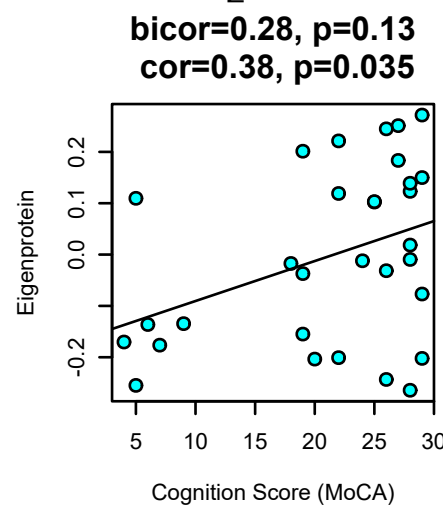
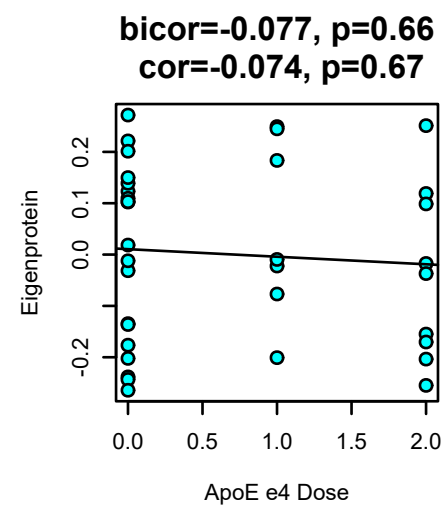
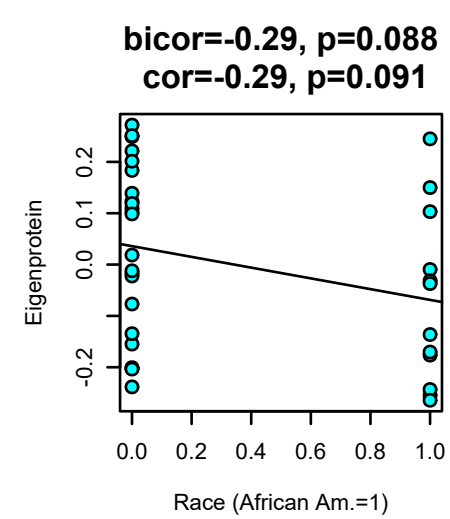
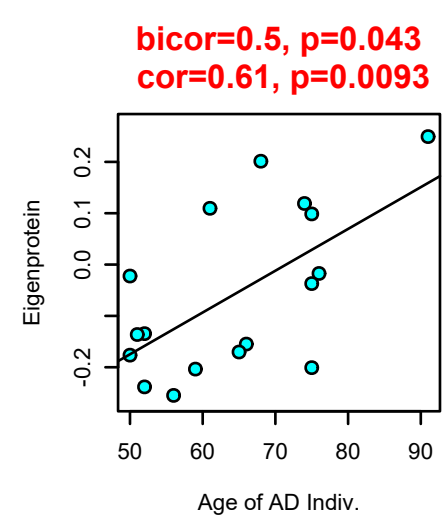
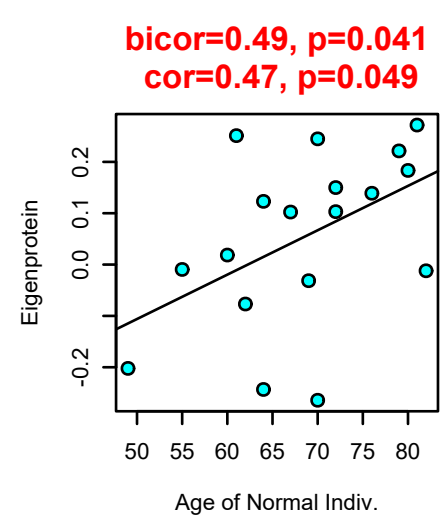
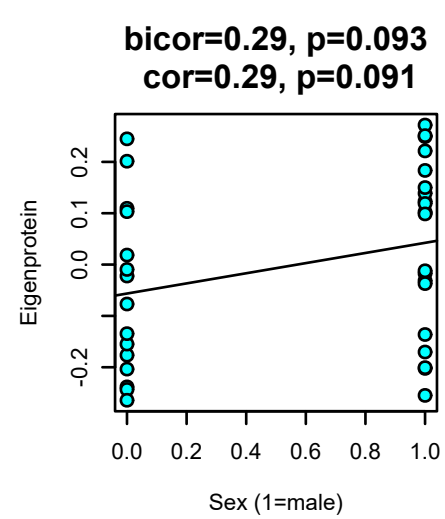
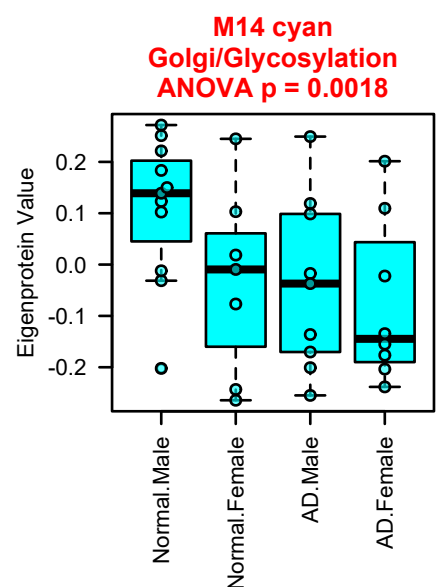
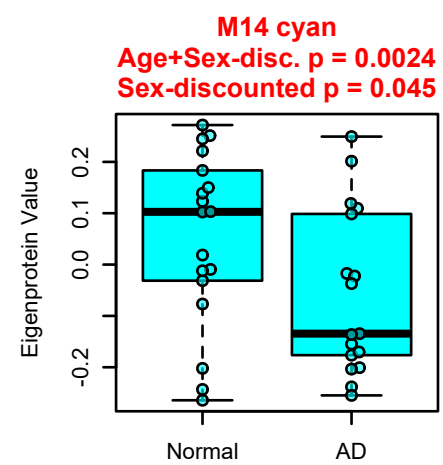




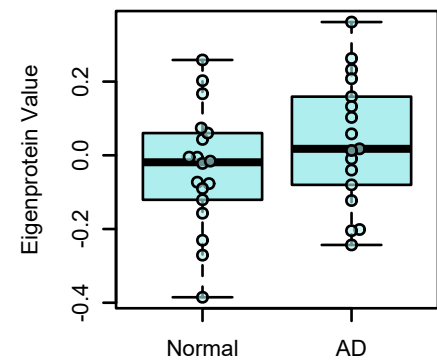




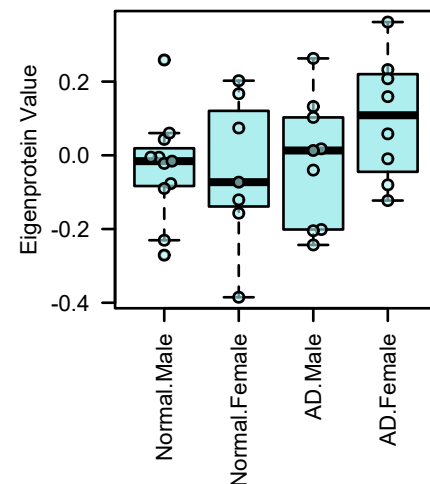




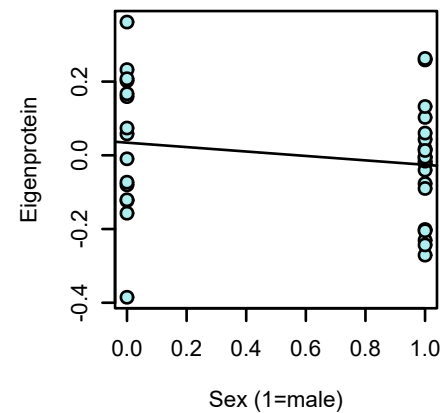
M31 paleturquoise
Age+Sex-disc. $p = 0.42$
Sex-discounted $p = 0.3$



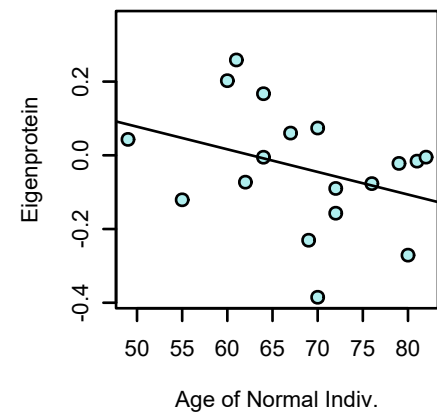
M31 paleturquoise
Glial Cell Differentiation
ANOVA $p = 0.44$



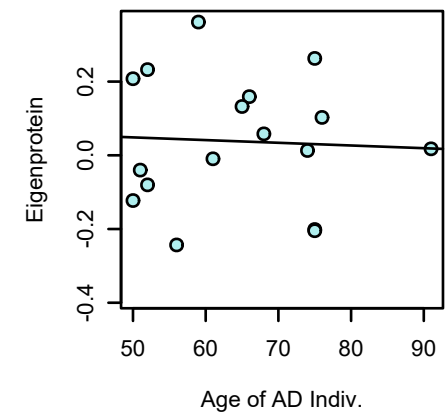
bicor=-0.18, $p=0.29$
cor=-0.18, $p=0.3$



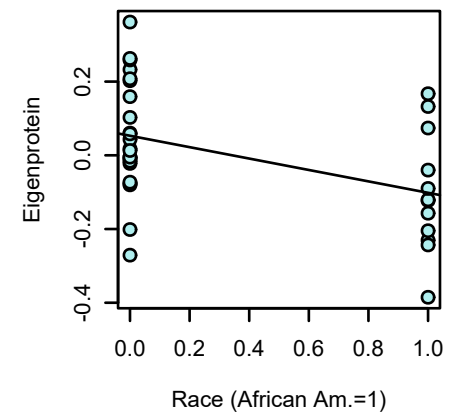
bicor=-0.36, $p=0.14$
cor=-0.34, $p=0.17$



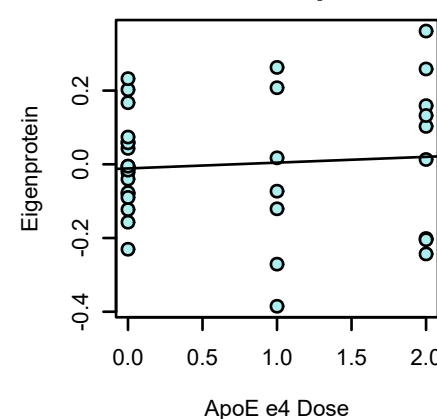
bicor=-0.049, $p=0.85$
cor=-0.05, $p=0.85$



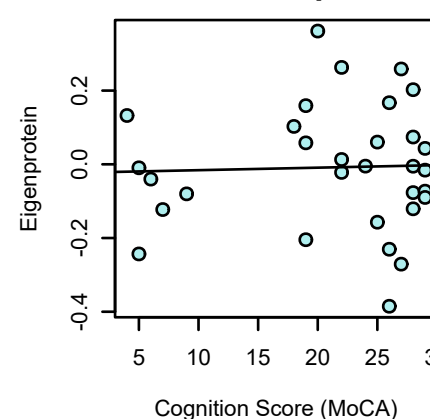
bicor=-0.43, $p=0.0096$
cor=-0.43, $p=0.0099$



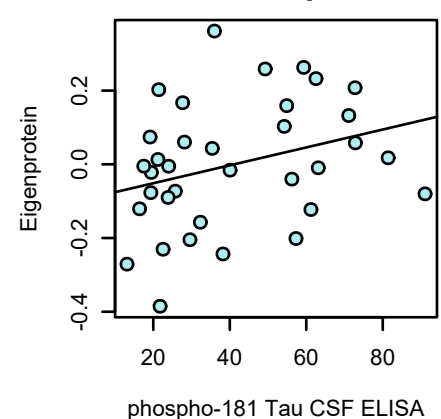
bicor=0.075, $p=0.67$
cor=0.079, $p=0.65$



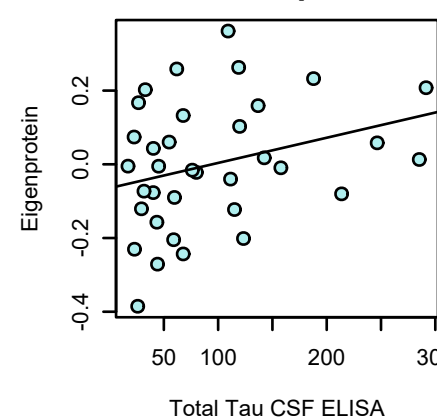
bicor=-0.1, $p=0.59$
cor=0.033, $p=0.86$



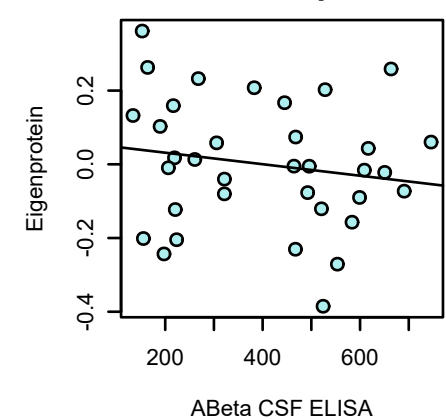
bicor=0.33, $p=0.053$
cor=0.31, $p=0.07$



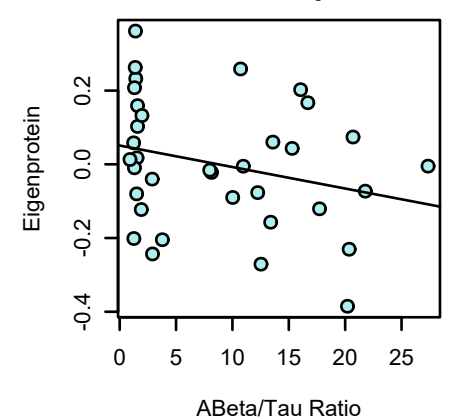
bicor=0.31, $p=0.074$
cor=0.3, $p=0.08$



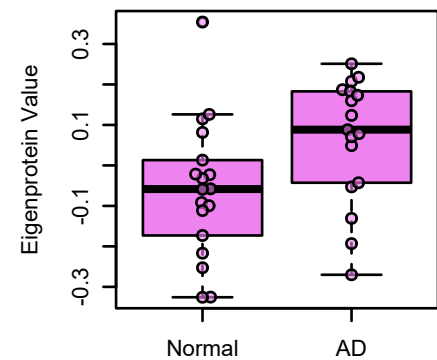
bicor=-0.16, $p=0.36$
cor=-0.17, $p=0.33$



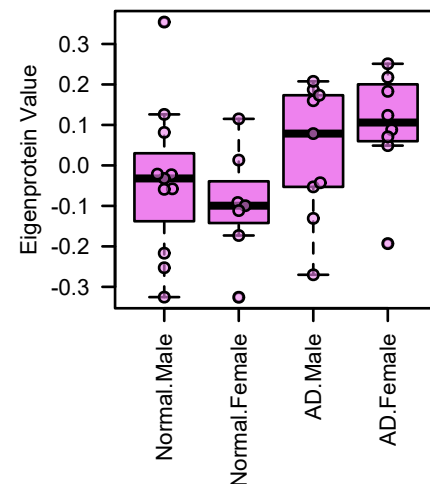
bicor=-0.25, $p=0.15$
cor=-0.27, $p=0.12$



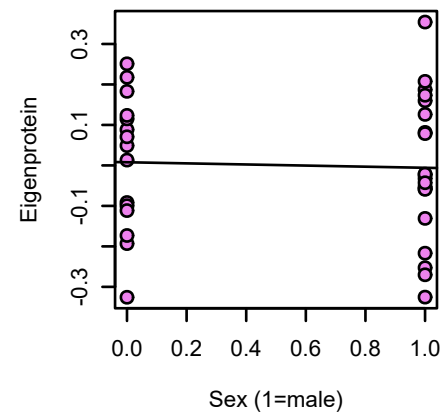
M32 violet
Age+Sex-disc. $p = 0.2$
Sex-discounted $p = 0.092$



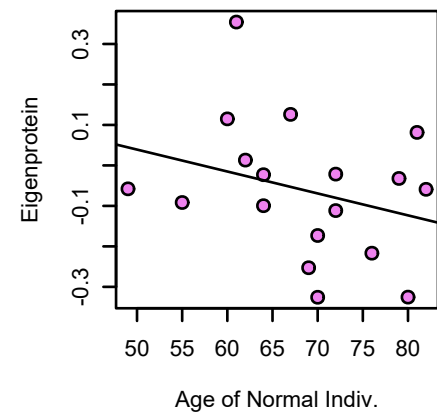
M32 violet
Synaptic Membrane/Matrisome
ANOVA $p = 0.21$



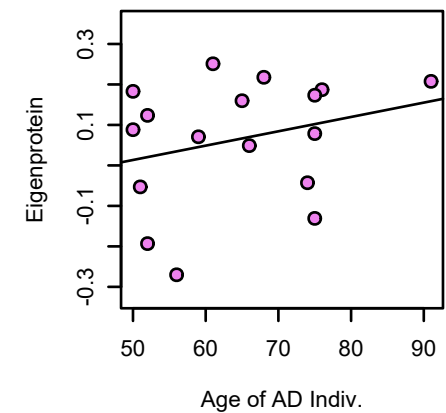
bicor=-0.045, $p=0.8$
cor=-0.04, $p=0.82$



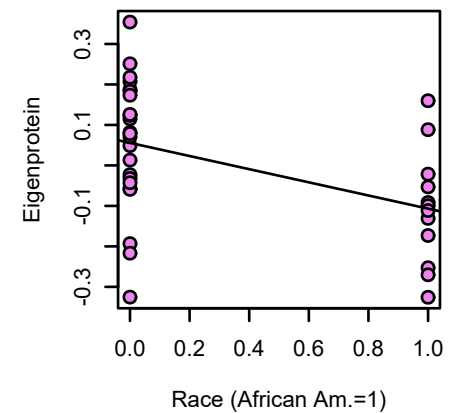
bicor=-0.29, $p=0.25$
cor=-0.3, $p=0.23$



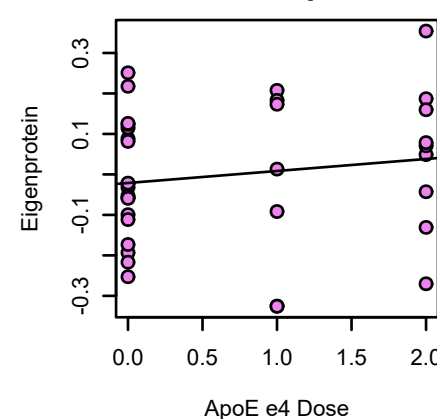
bicor=0.27, $p=0.3$
cor=0.28, $p=0.28$



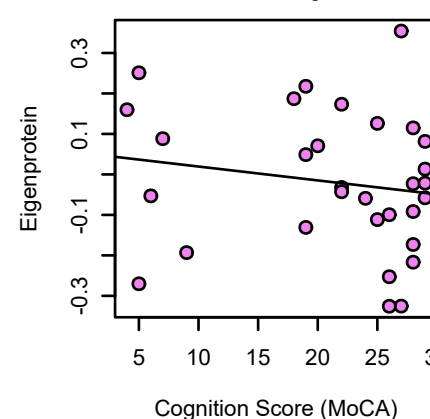
bicor=-0.46, $p=0.0055$
cor=-0.46, $p=0.0054$



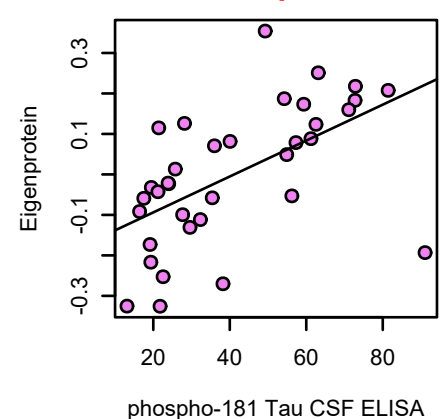
bicor=0.15, $p=0.4$
cor=0.15, $p=0.39$



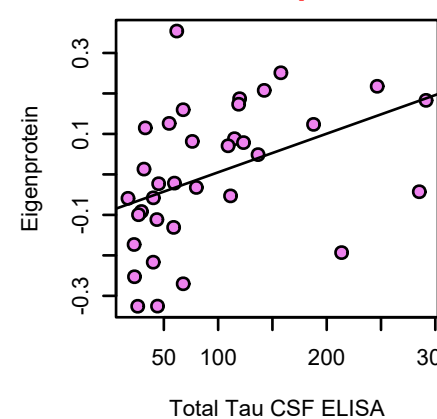
bicor=-0.23, $p=0.2$
cor=-0.17, $p=0.36$



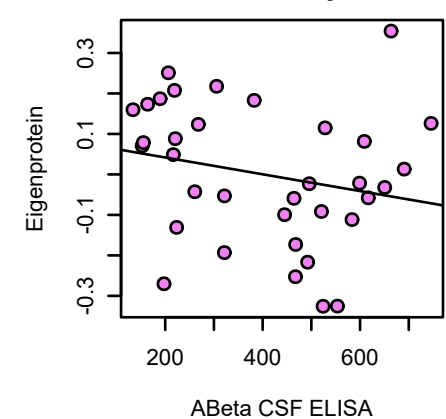
bicor=0.61, $p=9.3e-05$
cor=0.56, $p=0.00047$



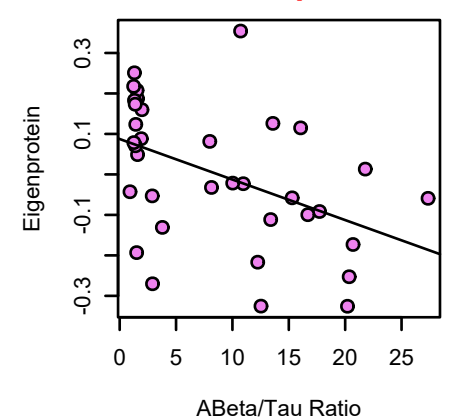
bicor=0.52, $p=0.0015$
cor=0.42, $p=0.012$

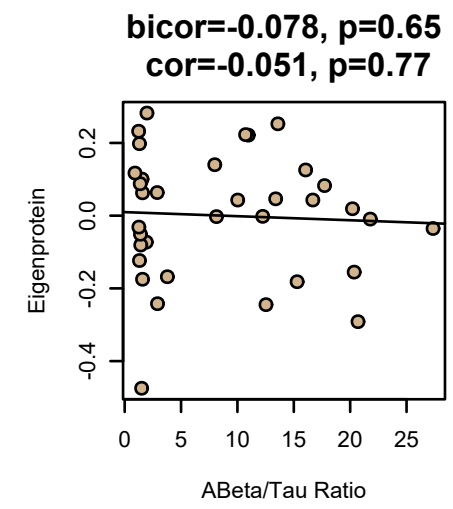
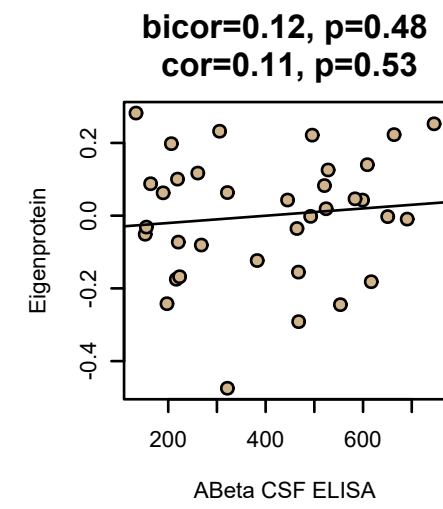
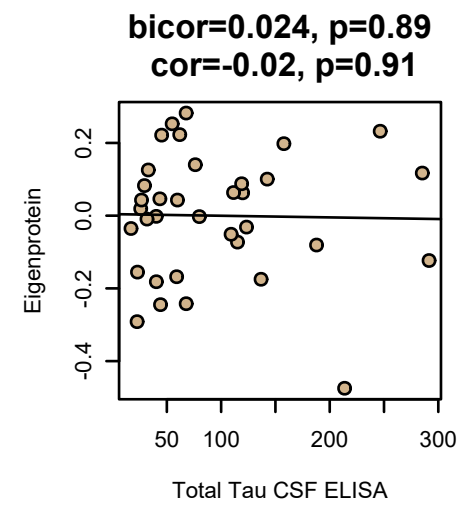
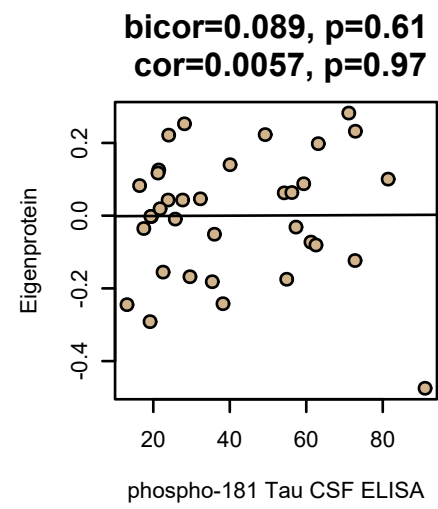
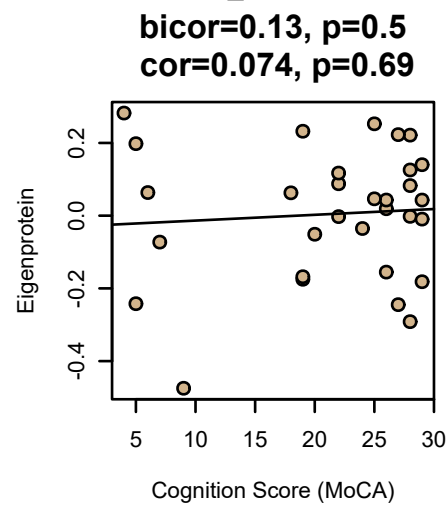
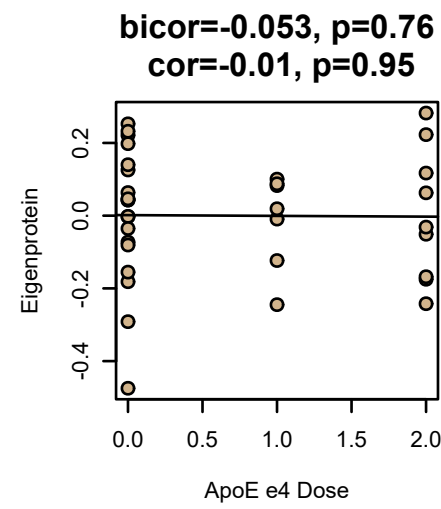
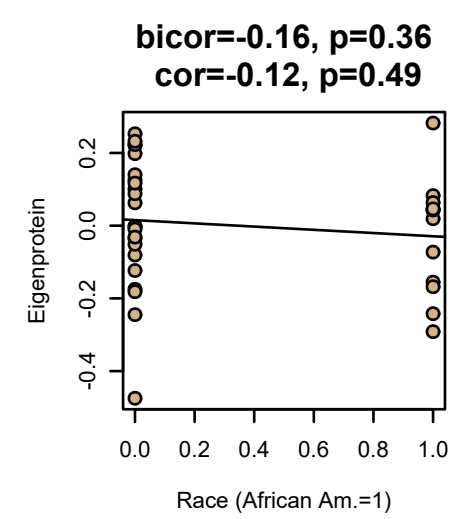
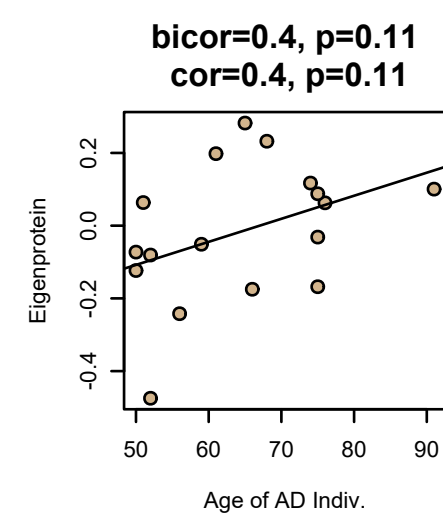
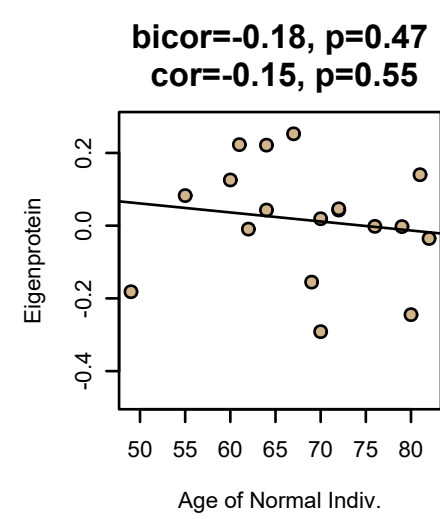
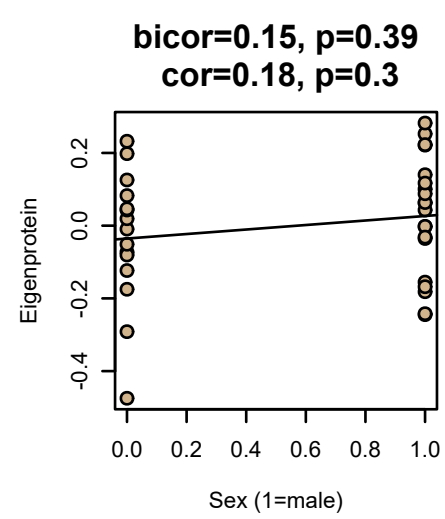
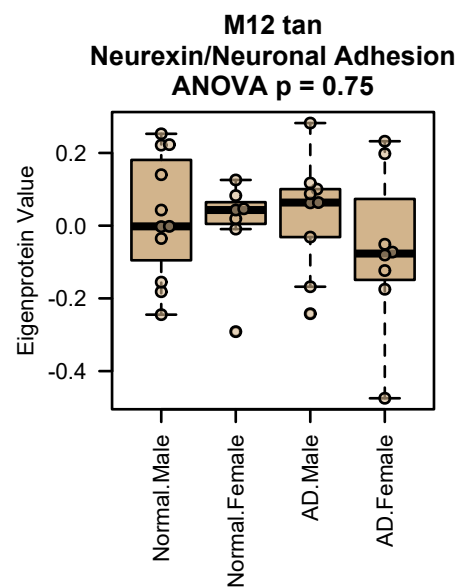
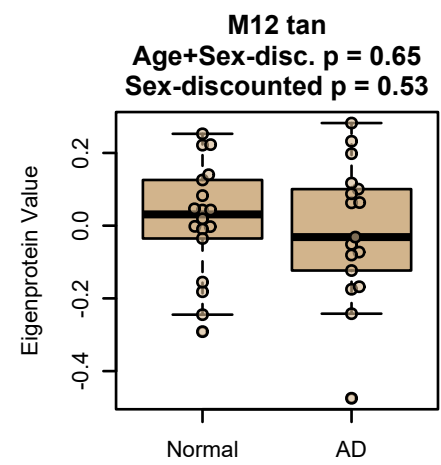
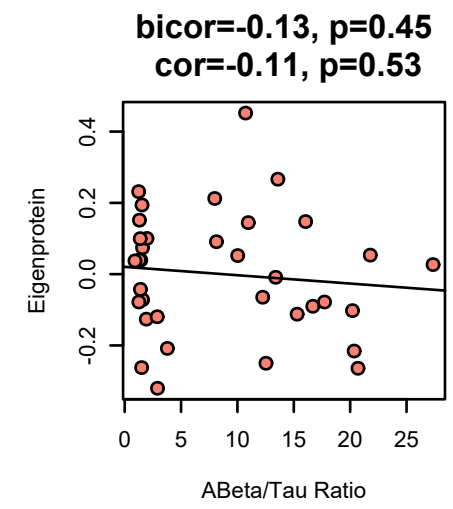
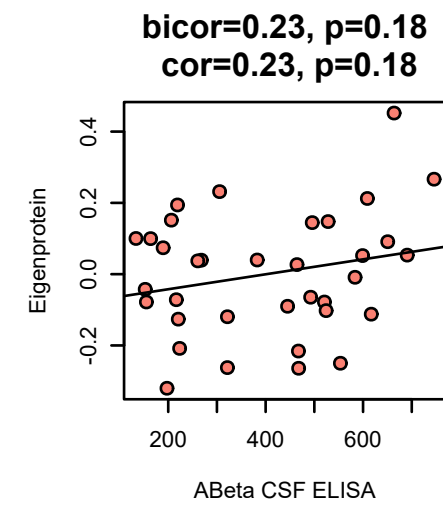
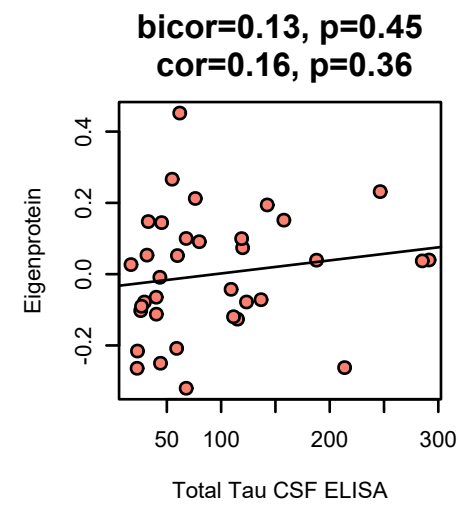
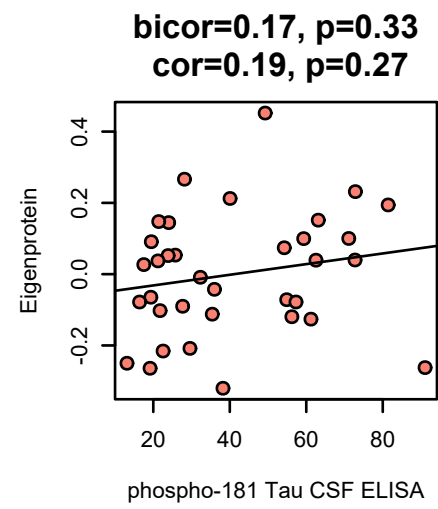
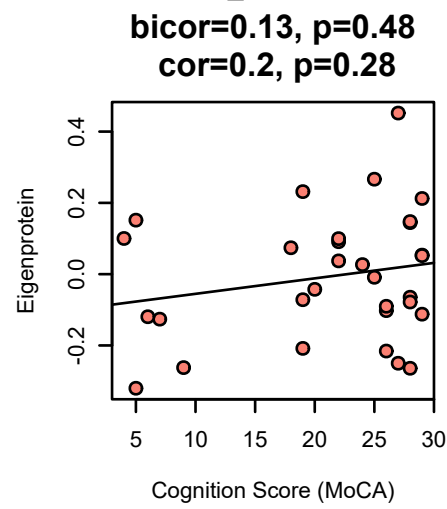
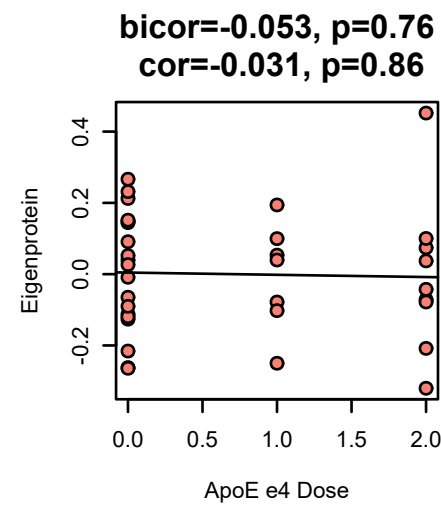
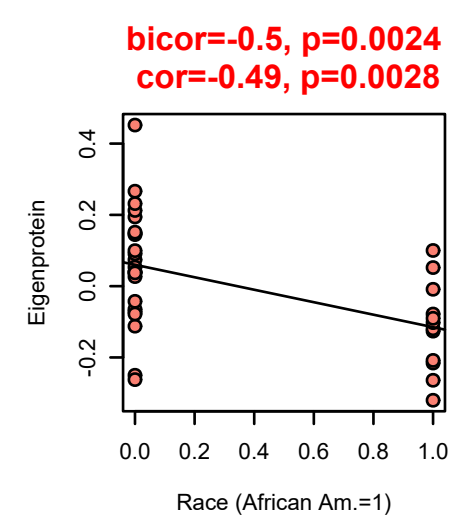
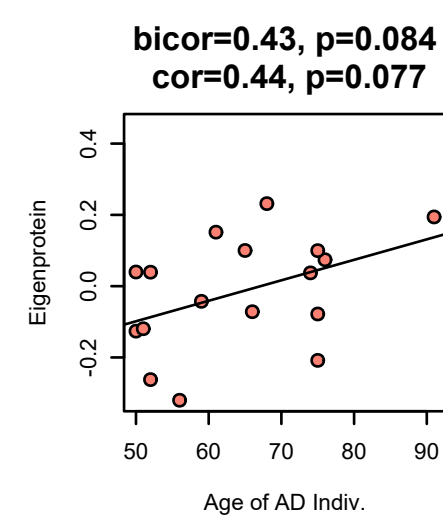
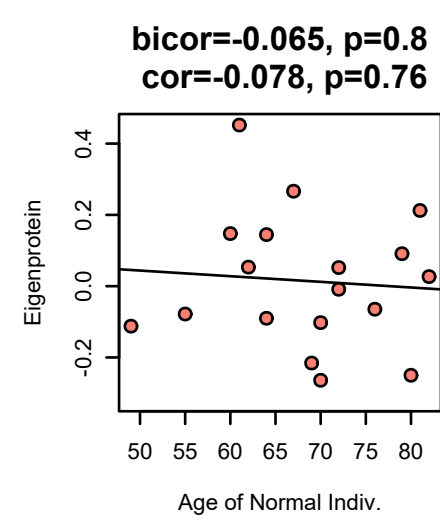
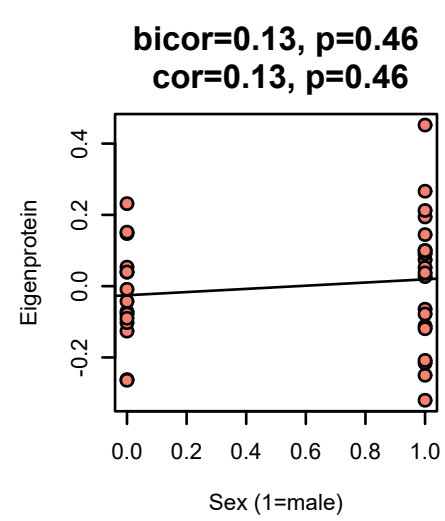
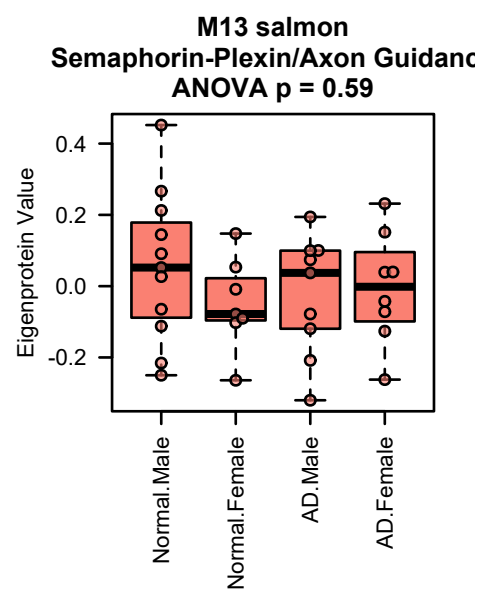
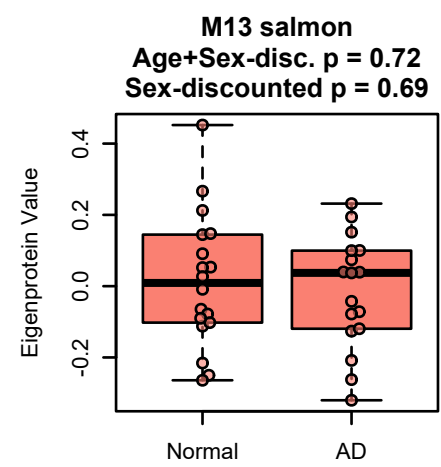


bicor=-0.26, $p=0.13$
cor=-0.22, $p=0.2$

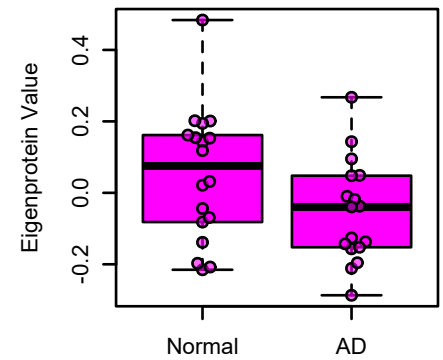


bicor=-0.46, $p=0.0055$
cor=-0.46, $p=0.0054$

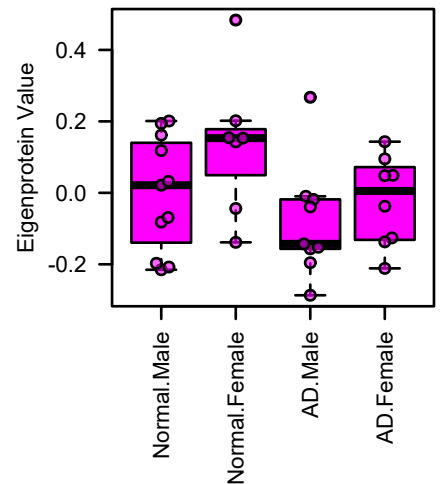




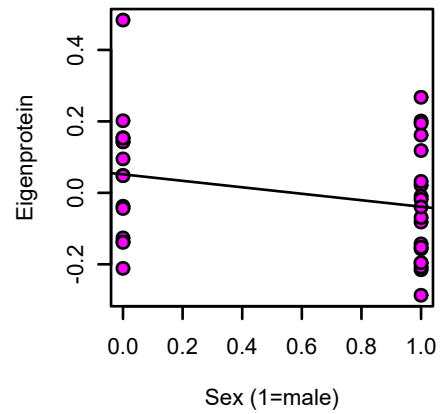
M9 magenta
Age+Sex-disc. $p = 0.032$
Sex-discounted $p = 0.042$



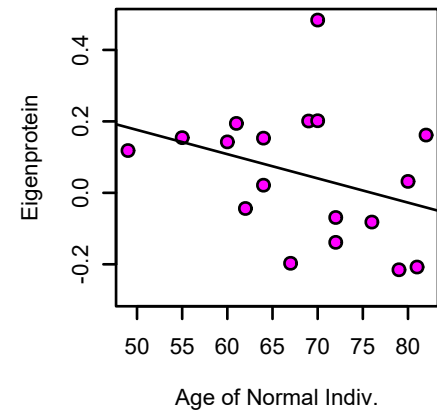
M9 magenta
Ambiguous
ANOVA $p = 0.042$



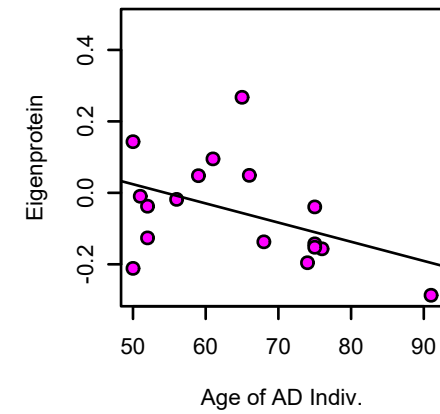
bicor=-0.26, $p=0.14$
cor=-0.27, $p=0.12$



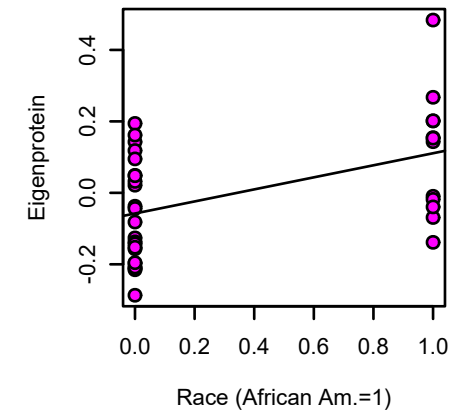
bicor=-0.35, $p=0.16$
cor=-0.34, $p=0.17$



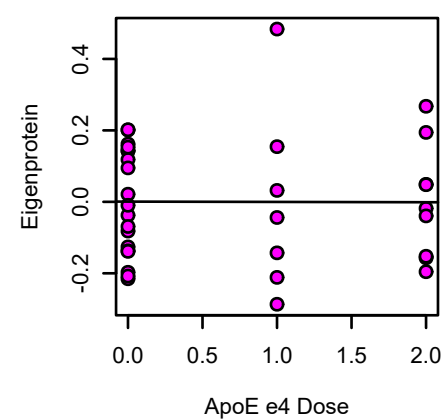
bicor=-0.44, $p=0.076$
cor=-0.45, $p=0.07$



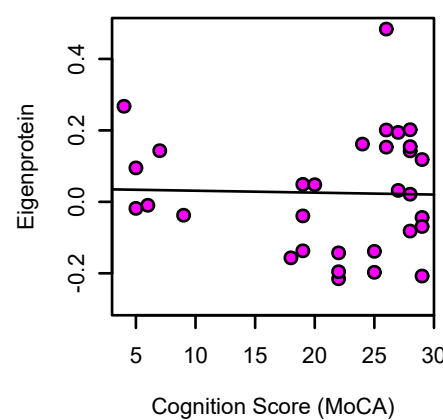
bicor=0.46, $p=0.0052$
cor=0.47, $p=0.0044$



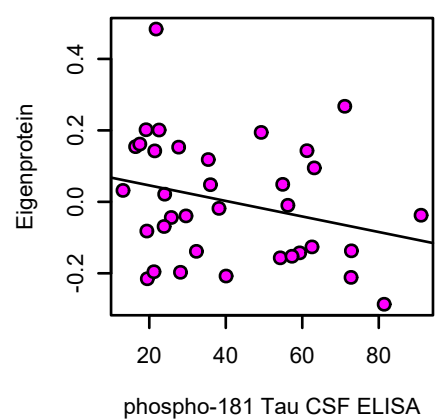
bicor=-0.017, $p=0.92$
cor=-0.0044, $p=0.98$



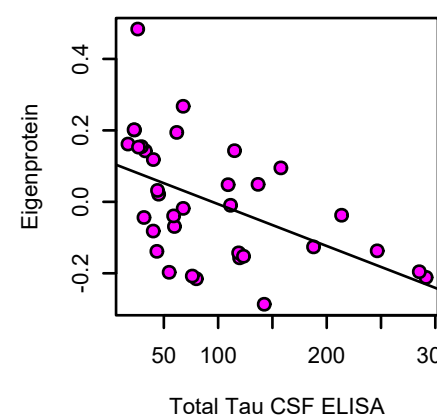
bicor=0.2, $p=0.28$
cor=-0.027, $p=0.89$



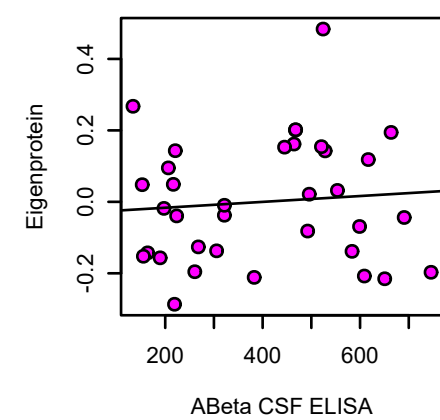
bicor=-0.24, $p=0.16$
cor=-0.27, $p=0.12$



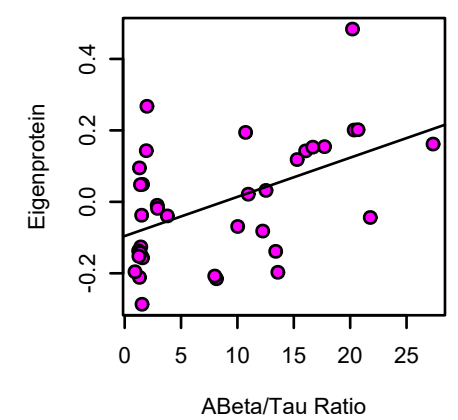
bicor=-0.48, $p=0.0036$
cor=-0.51, $p=0.0017$



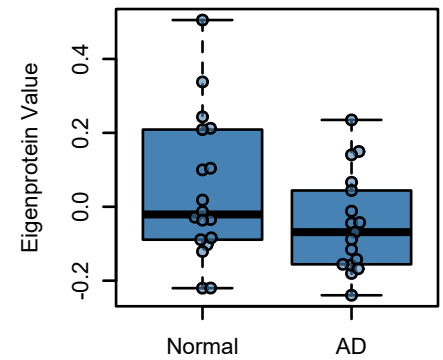
bicor=0.064, $p=0.71$
cor=0.088, $p=0.62$



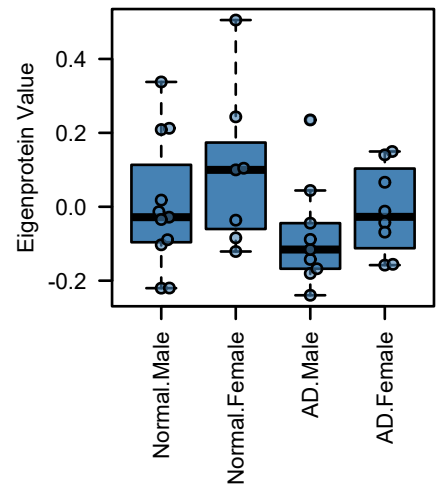
bicor=0.5, $p=0.0023$
cor=0.5, $p=0.0022$



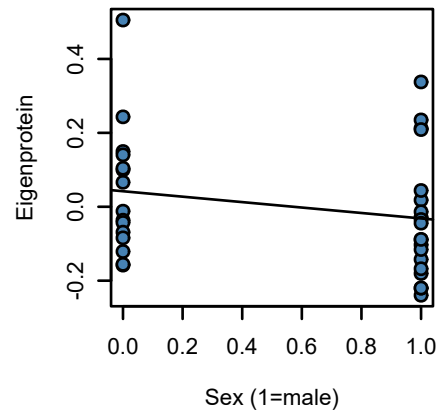
M30 steelblue
Age+Sex-disc. $p = 0.18$
Sex-discounted $p = 0.12$



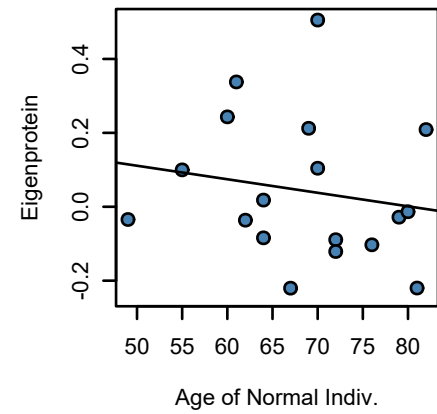
M30 steelblue
Ribonucleoprotein Complex
ANOVA $p = 0.3$



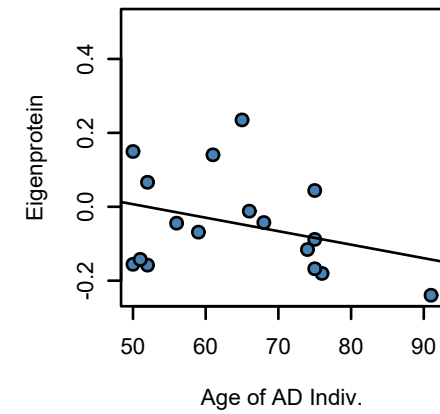
bicor=-0.21, $p=0.23$
cor=-0.22, $p=0.2$



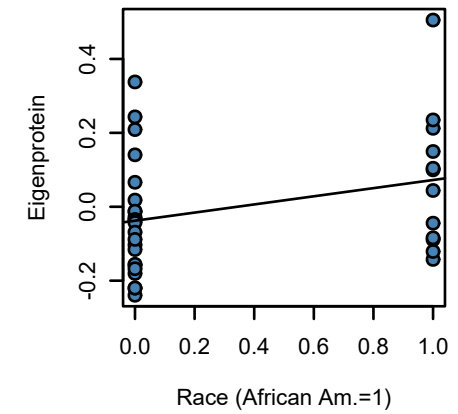
bicor=-0.24, $p=0.33$
cor=-0.17, $p=0.5$



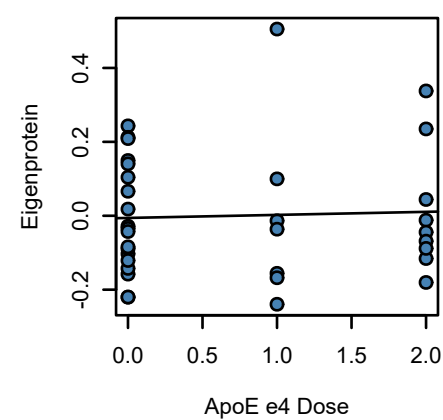
bicor=-0.33, $p=0.2$
cor=-0.33, $p=0.2$



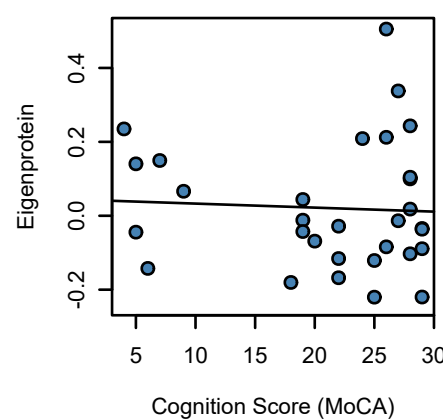
bicor=0.29, $p=0.087$
cor=0.31, $p=0.07$



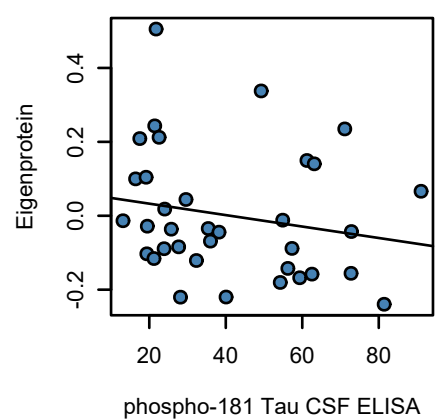
bicor=0.0064, $p=0.97$
cor=0.041, $p=0.82$



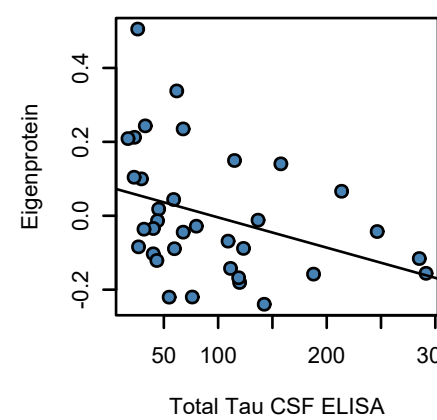
bicor=0.0018, $p=0.99$
cor=-0.053, $p=0.78$



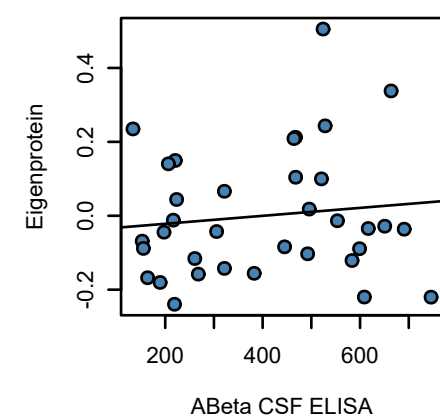
bicor=-0.15, $p=0.38$
cor=-0.2, $p=0.25$



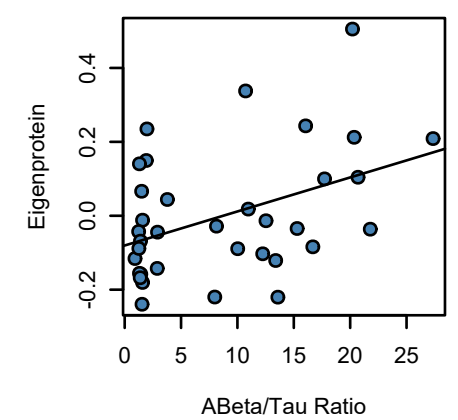
bicor=-0.31, $p=0.066$
cor=-0.36, $p=0.034$



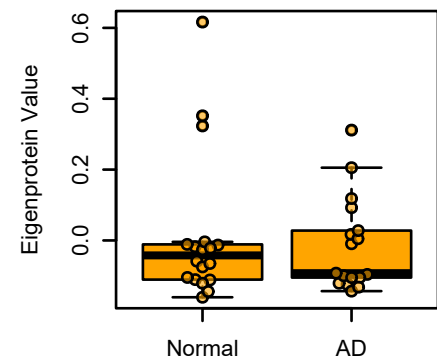
bicor=0.046, $p=0.79$
cor=0.12, $p=0.49$



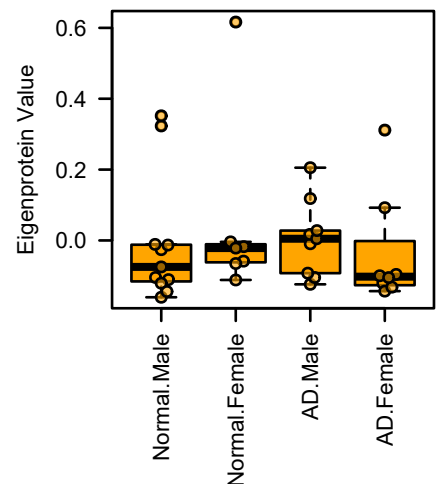
bicor=0.4, $p=0.018$
cor=0.42, $p=0.012$



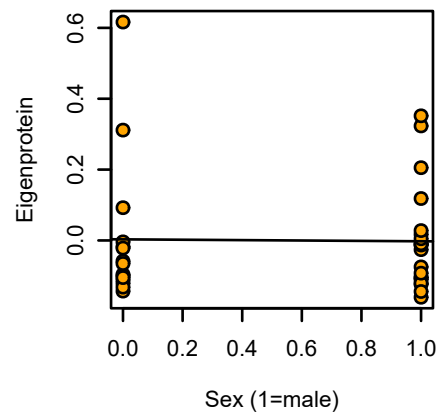
M25 orange
Age+Sex-disc. $p = 0.94$
Sex-discounted $p = 0.89$



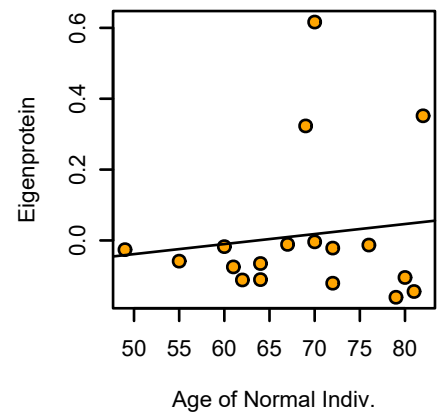
M25 orange
ANOVA $p = 0.92$



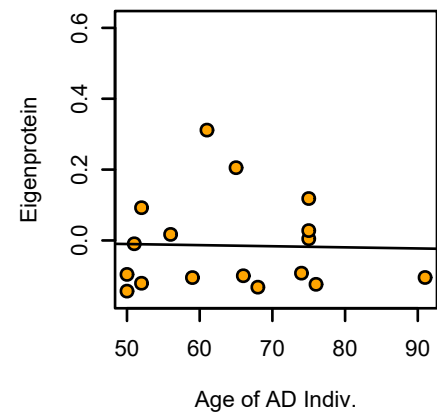
bicor=0.14, $p=0.43$
cor=-0.016, $p=0.93$



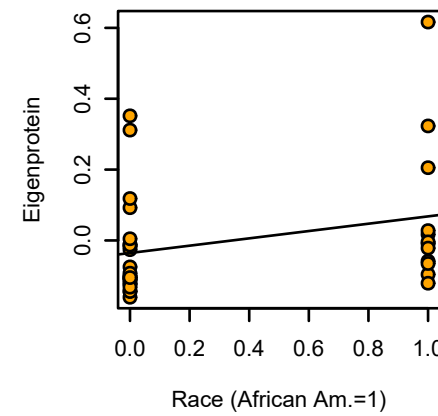
bicor=-0.18, $p=0.47$
cor=0.13, $p=0.61$



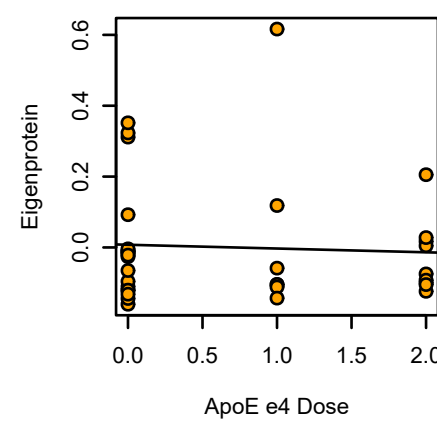
bicor=0.0022, $p=0.99$
cor=-0.028, $p=0.92$



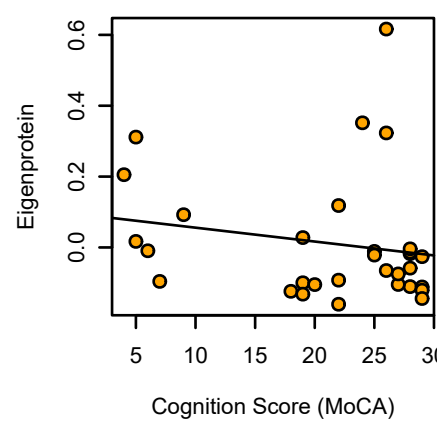
bicor=0.3, $p=0.085$
cor=0.29, $p=0.091$



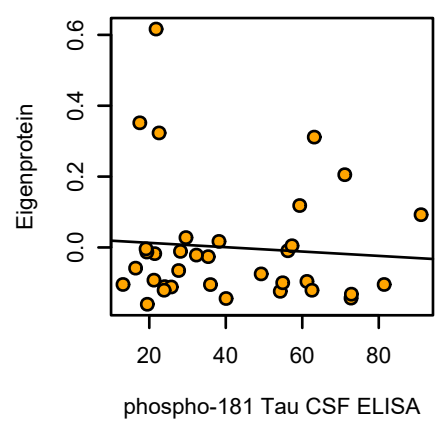
bicor=0.038, $p=0.83$
cor=-0.053, $p=0.76$



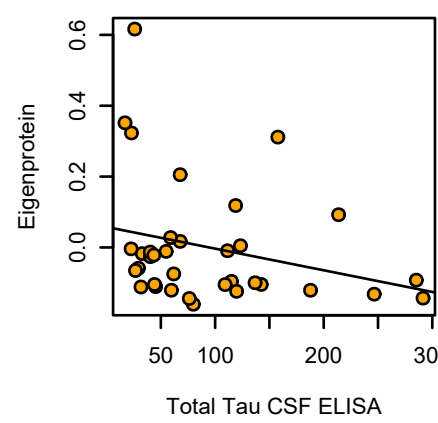
bicor=-0.17, $p=0.37$
cor=-0.18, $p=0.33$



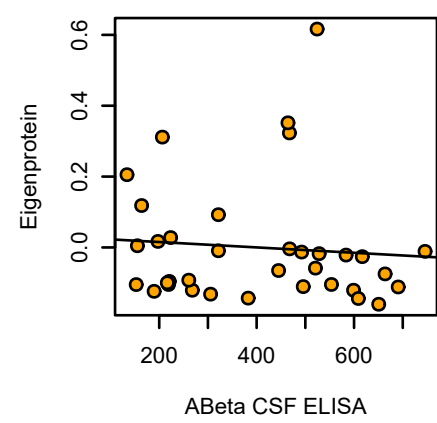
bicor=0.12, $p=0.5$
cor=-0.077, $p=0.66$



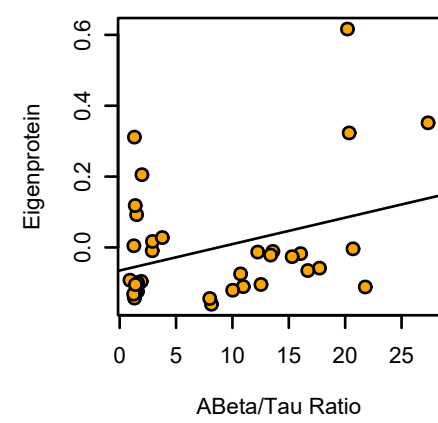
bicor=-0.13, $p=0.45$
cor=-0.27, $p=0.12$



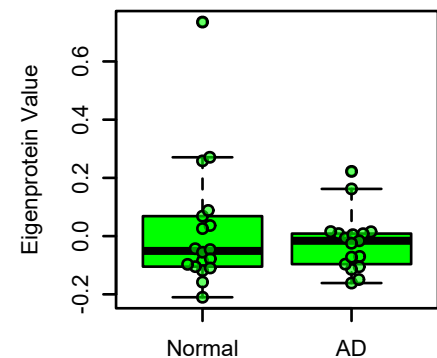
bicor=-0.27, $p=0.12$
cor=-0.082, $p=0.64$



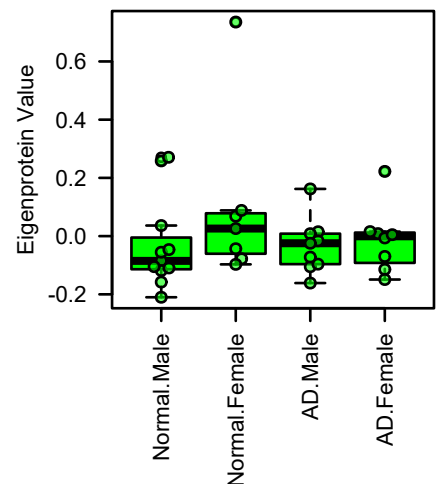
bicor=0.039, $p=0.82$
cor=0.34, $p=0.046$



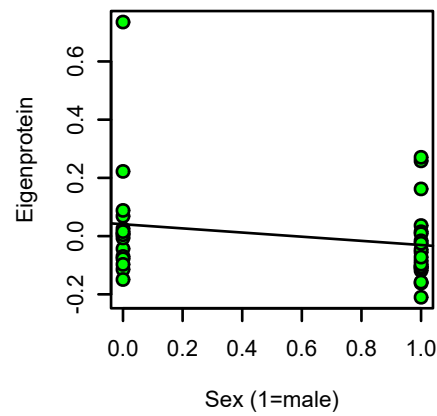
M5 green
Age+Sex-disc. $p = 0.55$
Sex-discounted $p = 0.34$



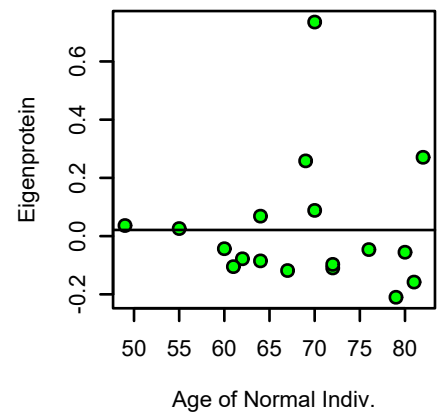
M5 green
Compound Metabolism/Heat Shock Protein
ANOVA $p = 0.56$



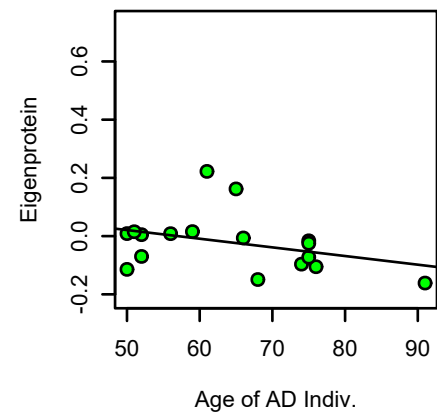
bicor=-0.17, $p=0.34$
cor=-0.21, $p=0.23$



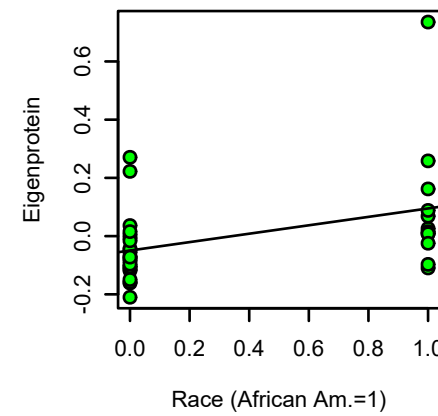
bicor=-0.19, $p=0.45$
cor=-0.00033, $p=1$



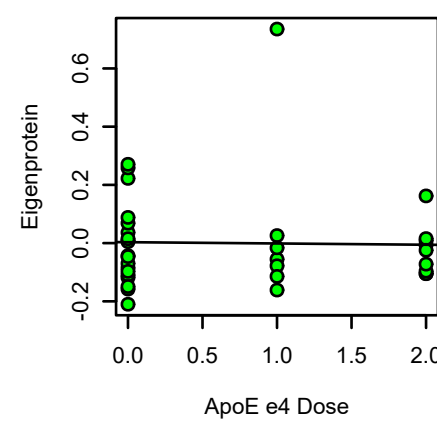
bicor=-0.38, $p=0.13$
cor=-0.36, $p=0.16$



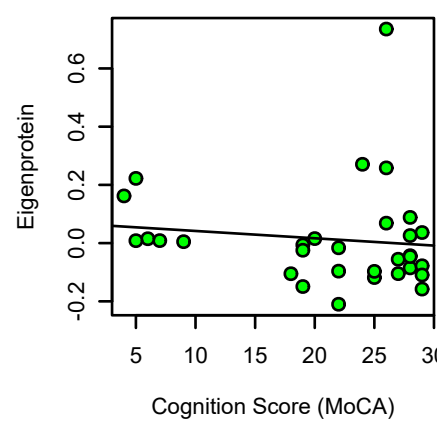
bicor=0.41, $p=0.014$
cor=0.41, $p=0.014$



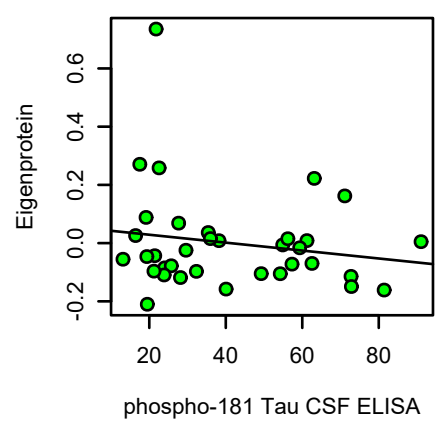
bicor=-0.044, $p=0.8$
cor=-0.022, $p=0.9$



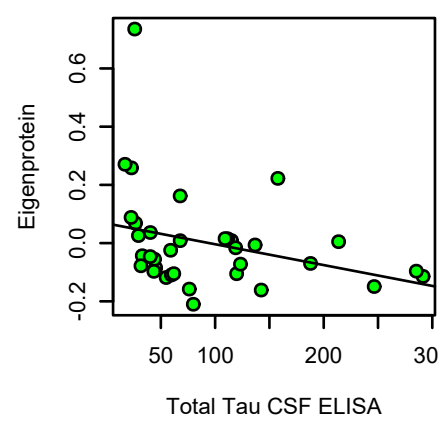
bicor=-0.095, $p=0.61$
cor=-0.12, $p=0.52$



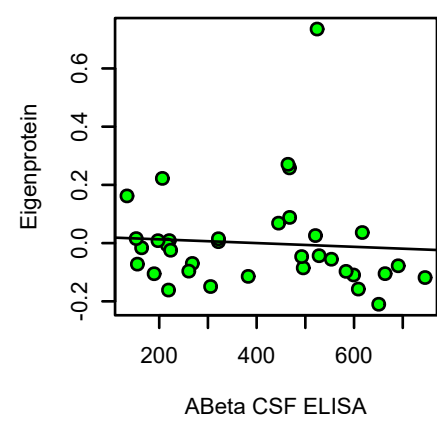
bicor=-0.027, $p=0.88$
cor=-0.17, $p=0.33$



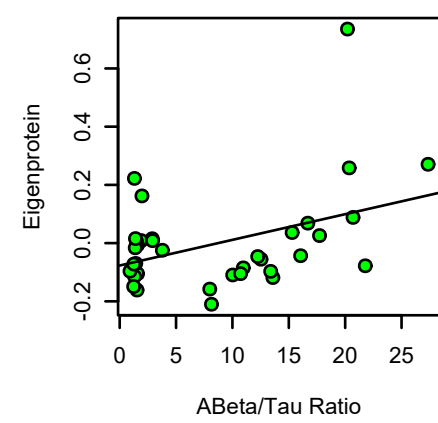
bicor=-0.22, $p=0.2$
cor=-0.31, $p=0.07$

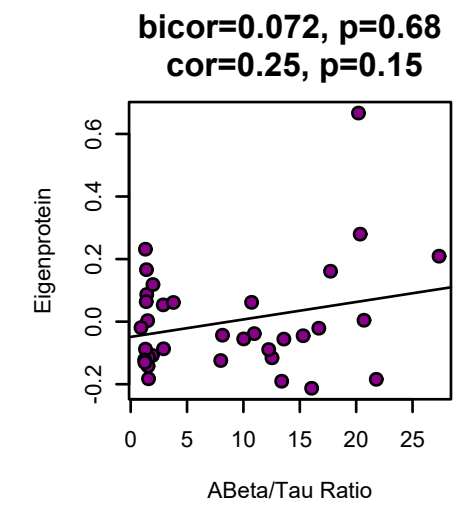
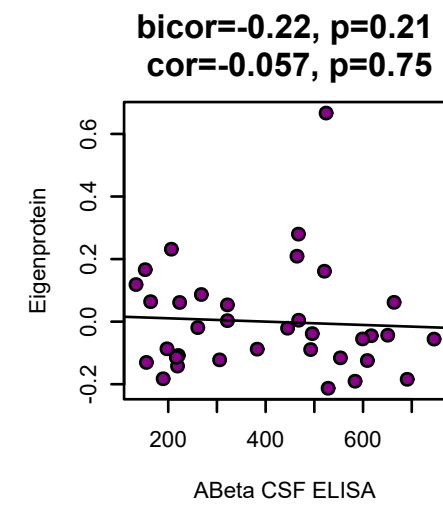
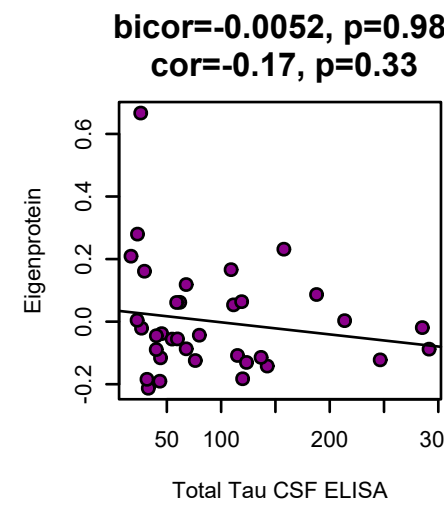
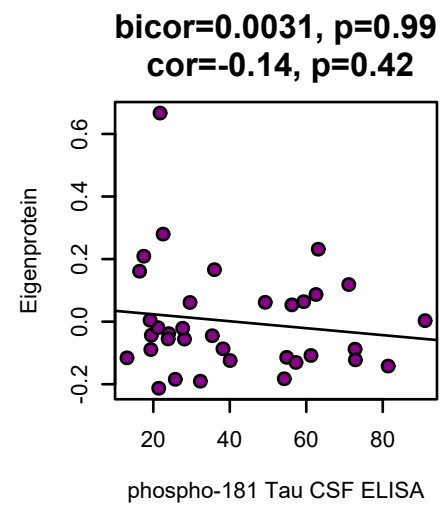
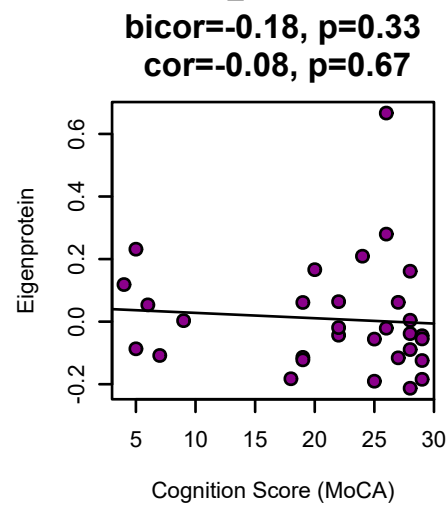
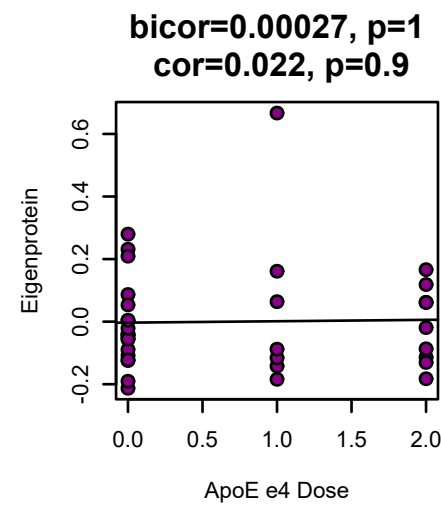
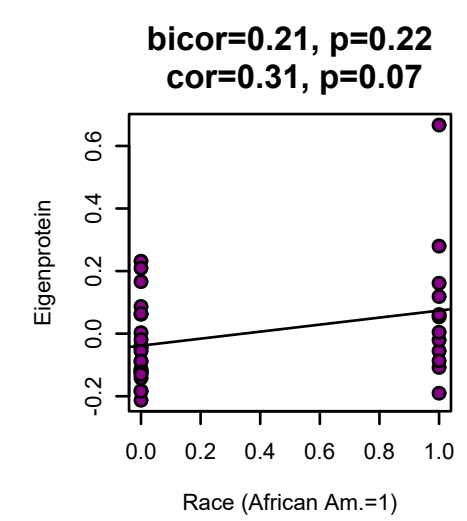
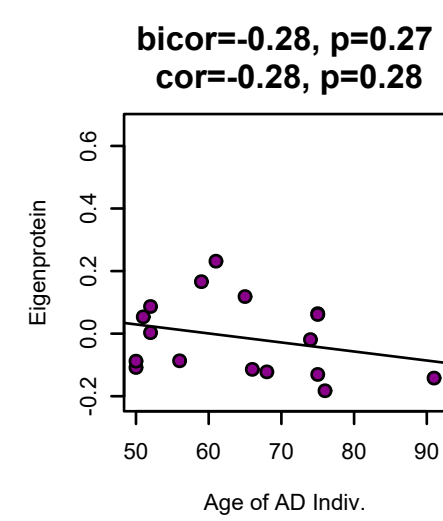
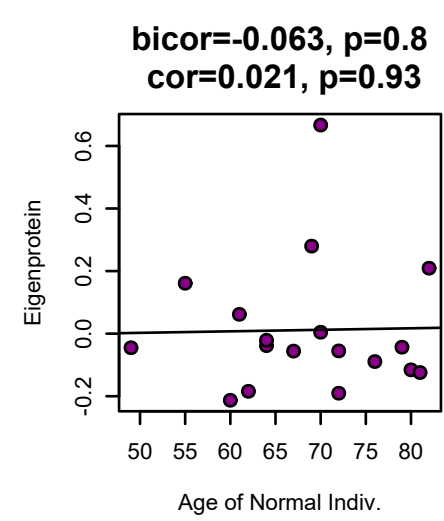
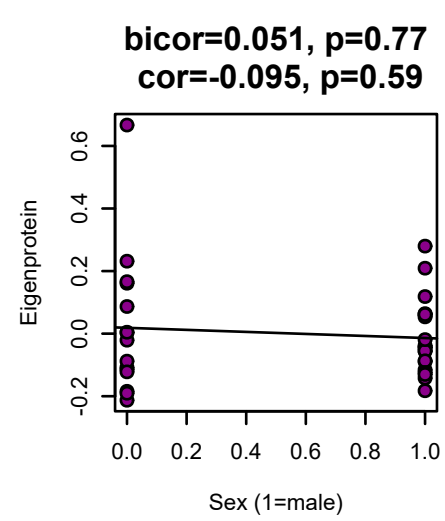
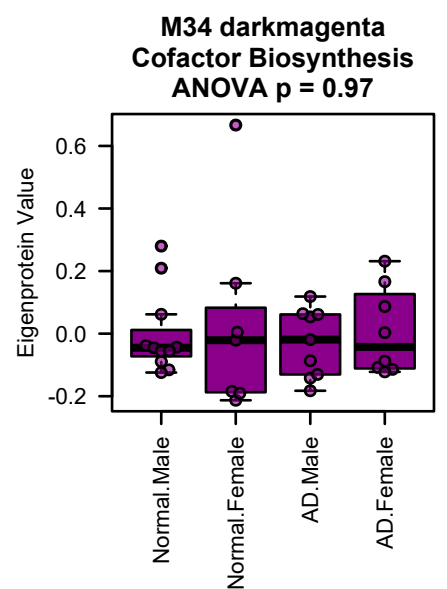
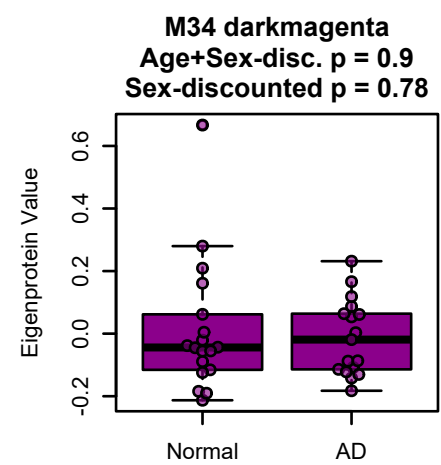
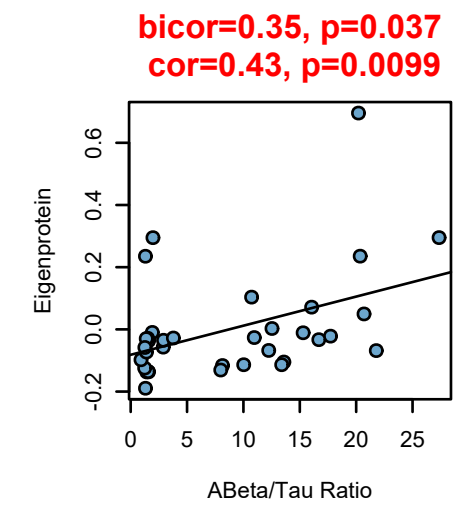
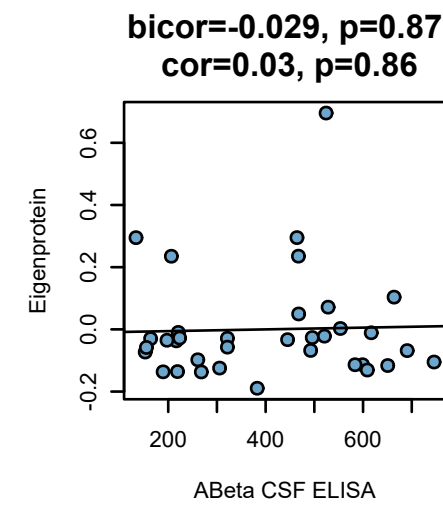
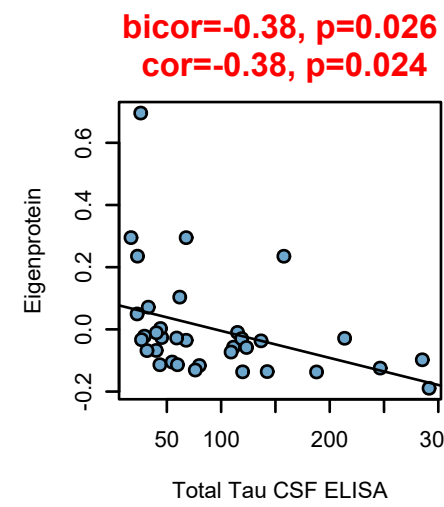
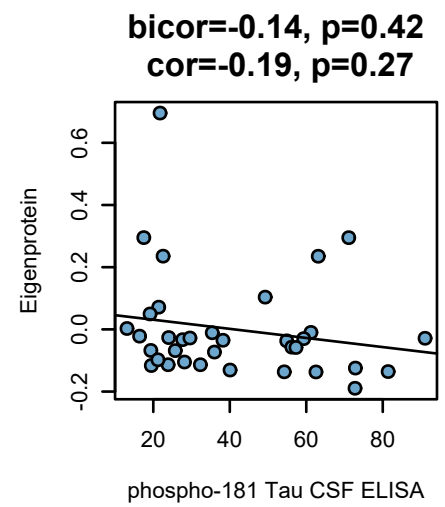
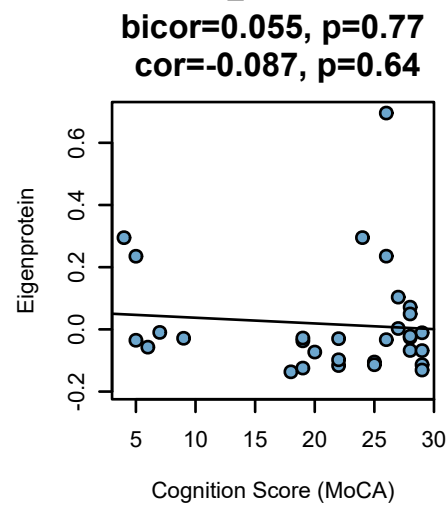
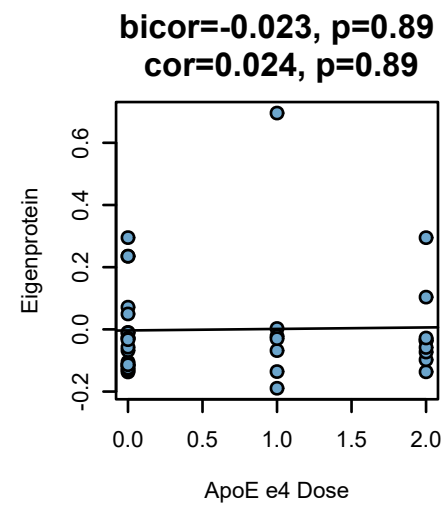
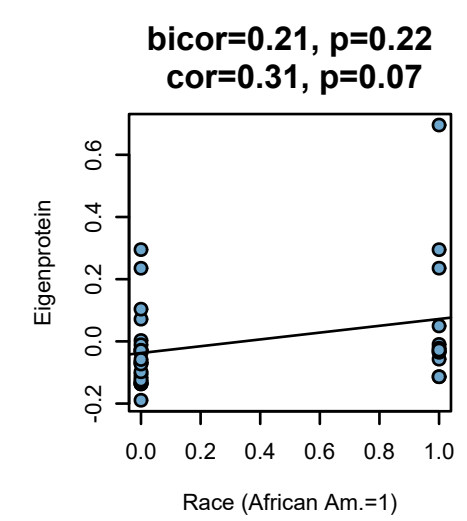
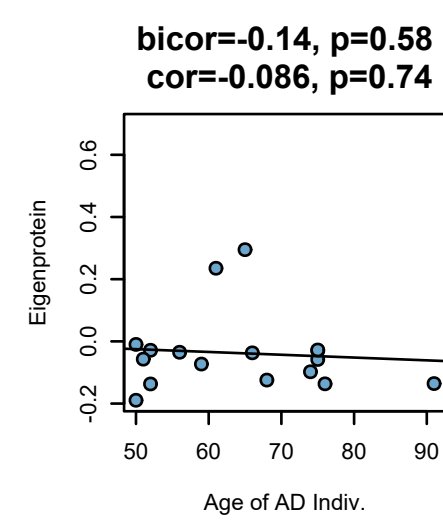
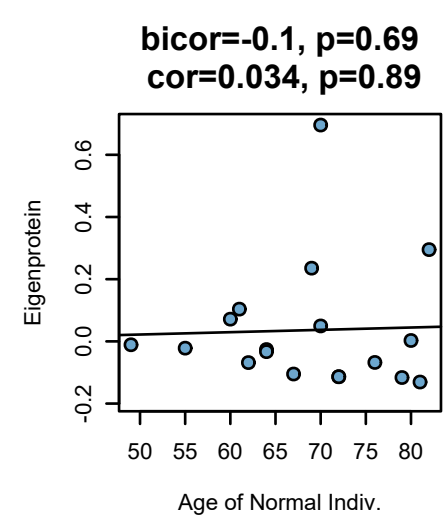
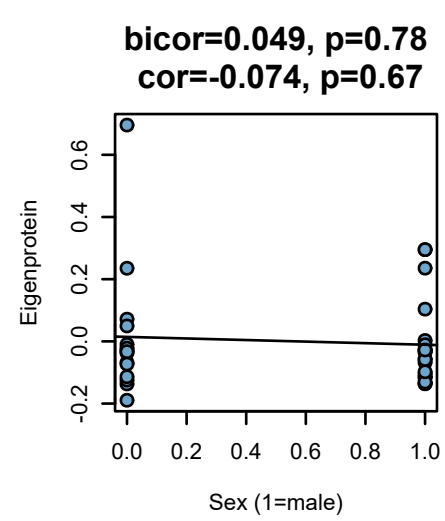
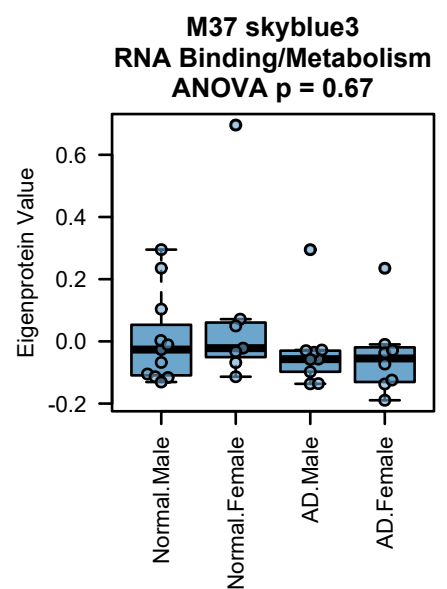
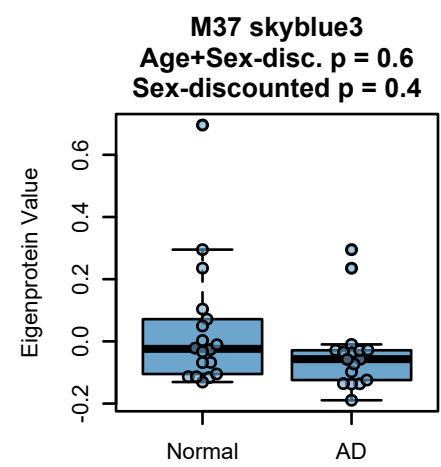


bicor=-0.3, $p=0.077$
cor=-0.069, $p=0.69$

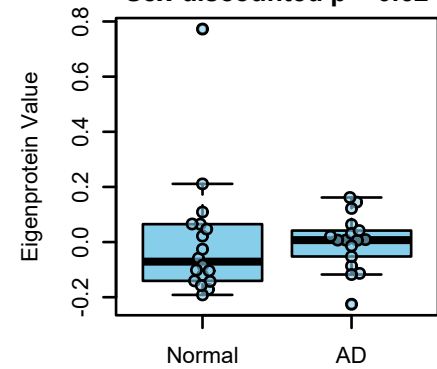


bicor=0.23, $p=0.18$
cor=0.4, $p=0.017$

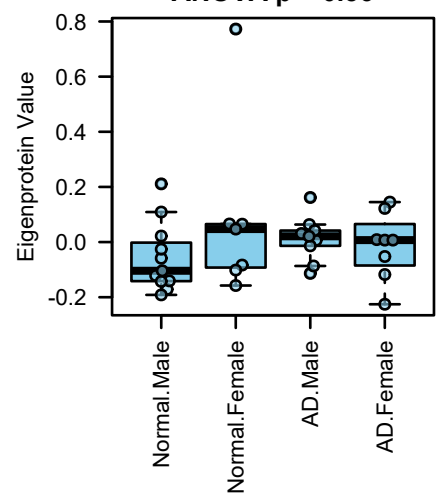




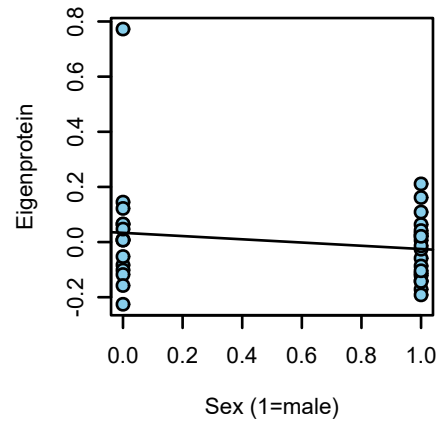
M28 skyblue
Age+Sex-disc. $p = 0.81$
Sex-discounted $p = 0.62$



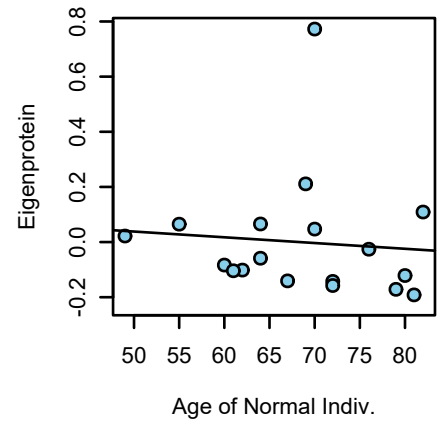
M28 skyblue
Proteosome
ANOVA $p = 0.56$



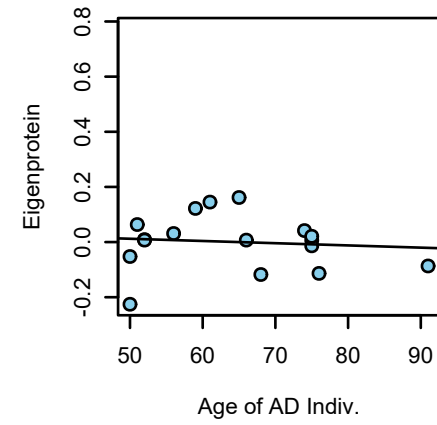
bicor=-0.05, $p=0.77$
cor=-0.17, $p=0.33$



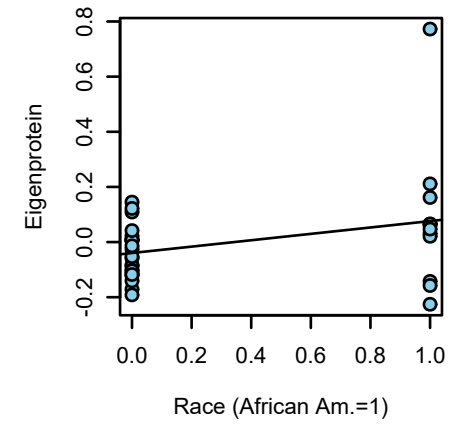
bicor=-0.28, $p=0.26$
cor=-0.086, $p=0.73$



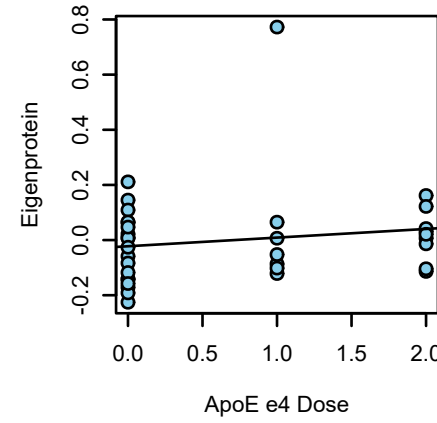
bicor=-0.16, $p=0.53$
cor=-0.097, $p=0.71$



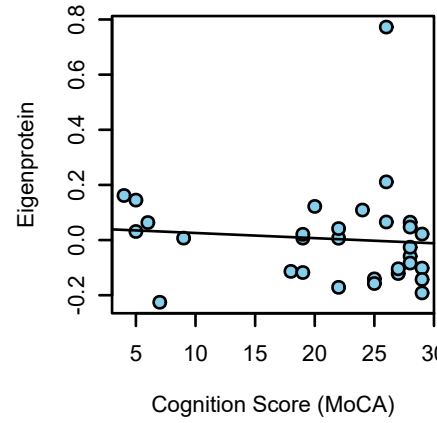
bicor=0.25, $p=0.15$
cor=0.33, $p=0.053$



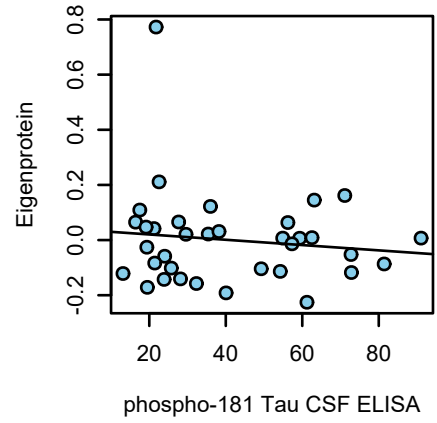
bicor=0.17, $p=0.32$
cor=0.16, $p=0.36$



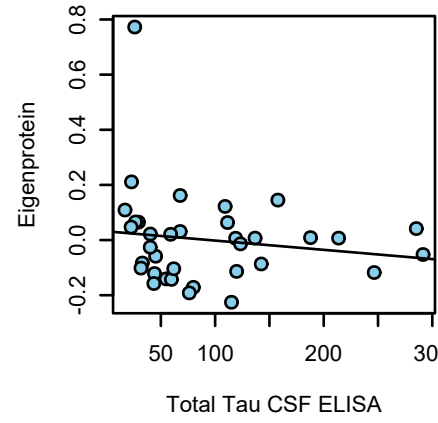
bicor=-0.09, $p=0.63$
cor=-0.086, $p=0.65$



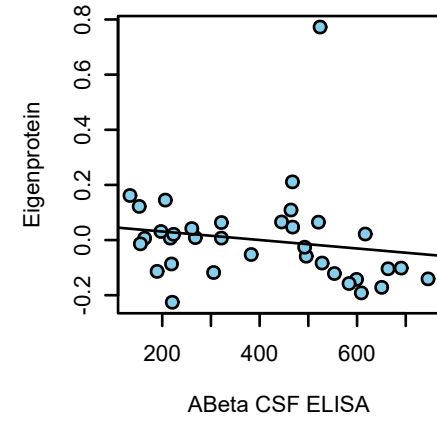
bicor=-0.071, $p=0.69$
cor=-0.12, $p=0.49$



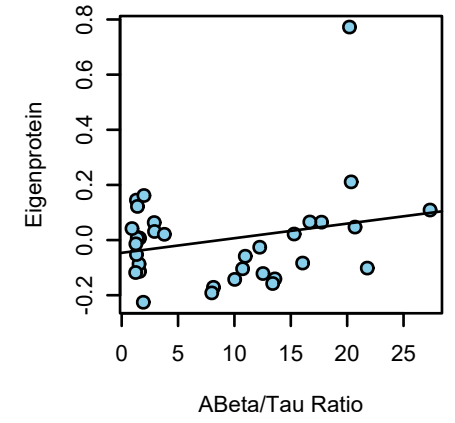
bicor=-0.13, $p=0.45$
cor=-0.15, $p=0.39$



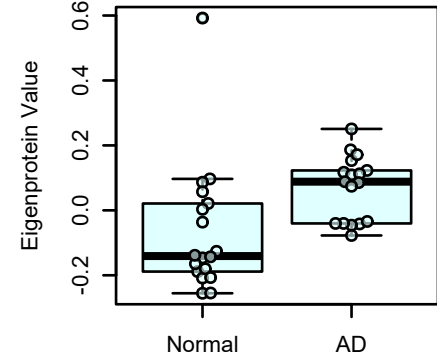
bicor=-0.33, $p=0.055$
cor=-0.17, $p=0.33$



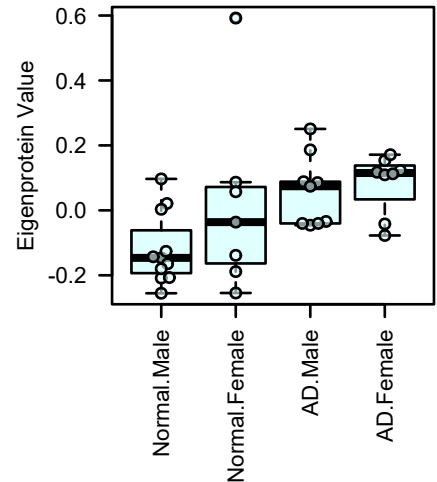
bicor=0.04, $p=0.82$
cor=0.24, $p=0.16$



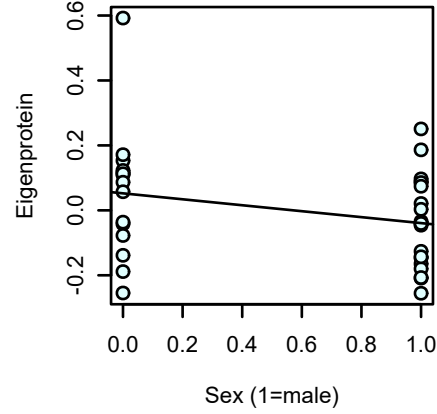
M16 lightcyan
Age+Sex-disc. $p = 0.044$
Sex-discounted $p = 0.019$



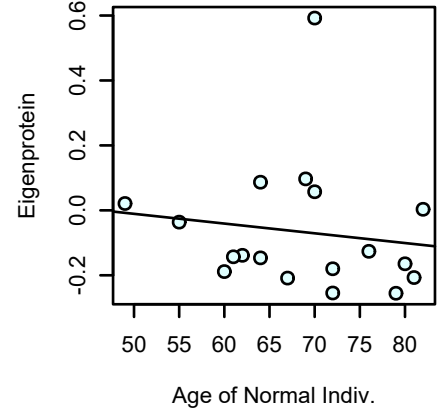
M16 lightcyan
Sugar Metabolism
ANOVA $p = 0.052$



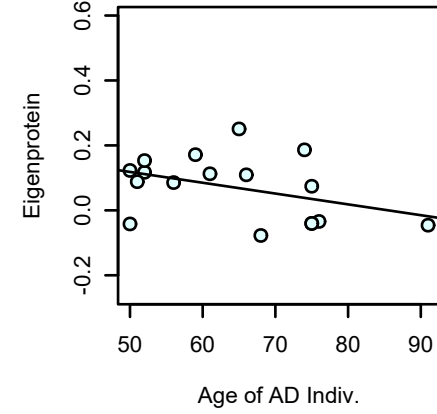
bicor=-0.25, $p=0.15$
cor=-0.27, $p=0.12$



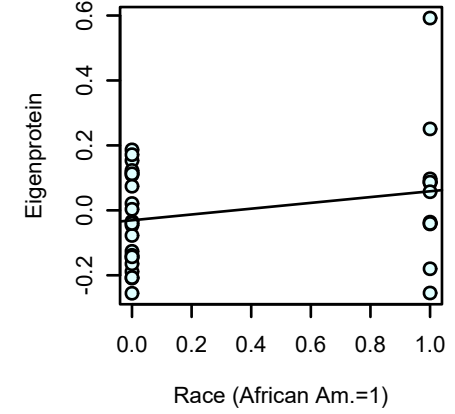
bicor=-0.32, $p=0.2$
cor=-0.14, $p=0.58$



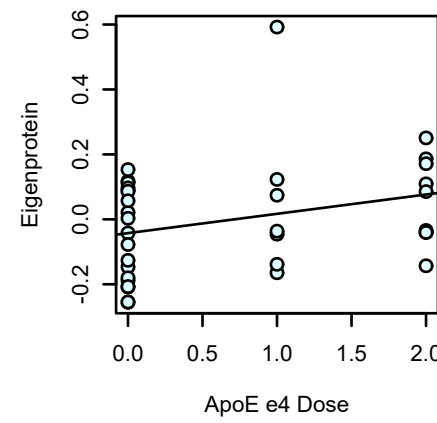
bicor=-0.39, $p=0.12$
cor=-0.41, $p=0.1$



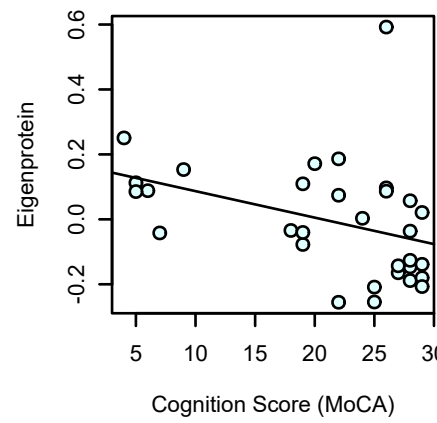
bicor=0.21, $p=0.24$
cor=0.25, $p=0.15$



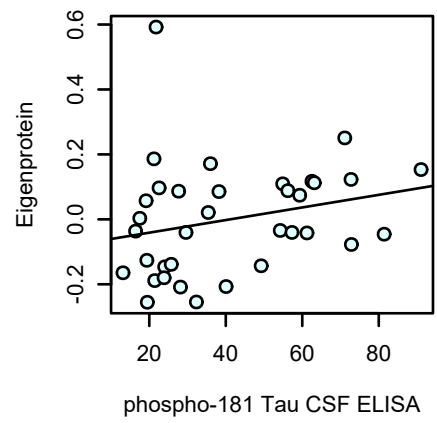
bicor=0.31, $p=0.066$
cor=0.3, $p=0.08$



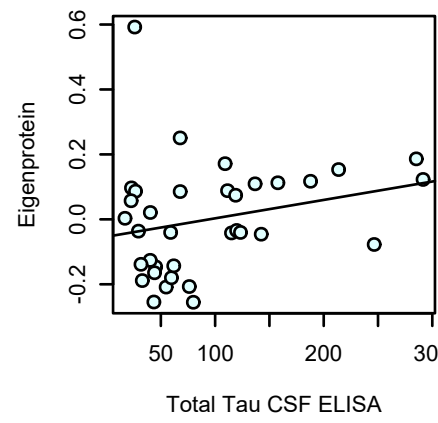
bicor=-0.45, $p=0.01$
cor=-0.38, $p=0.035$



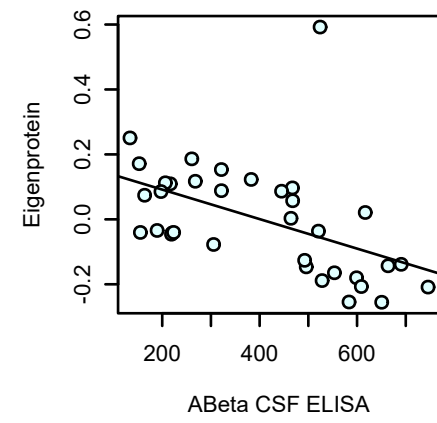
bicor=0.37, $p=0.03$
cor=0.25, $p=0.15$



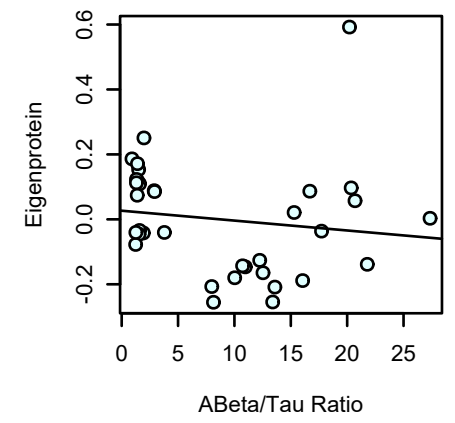
bicor=0.36, $p=0.033$
cor=0.25, $p=0.15$

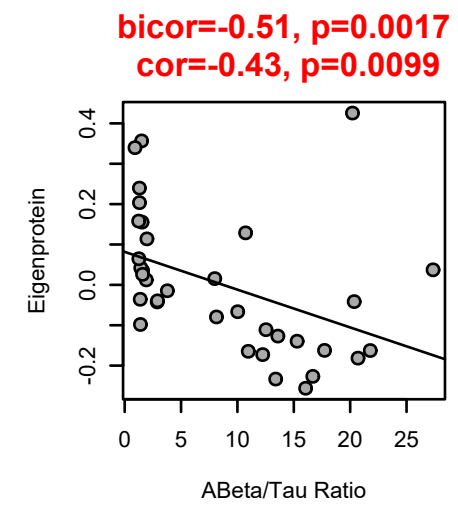
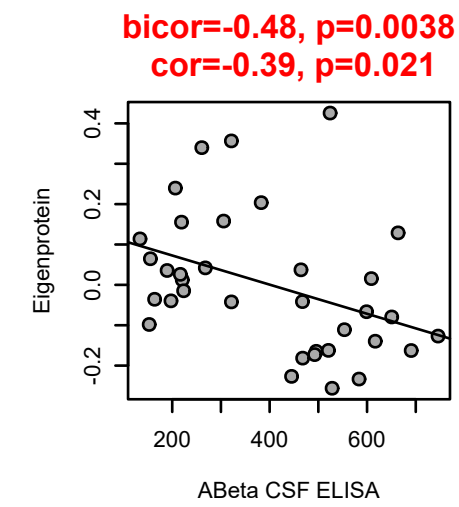
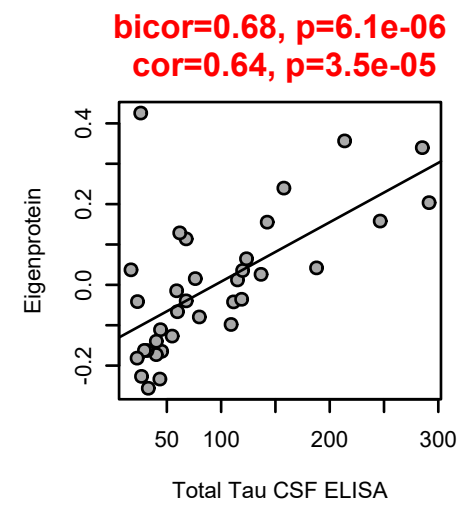
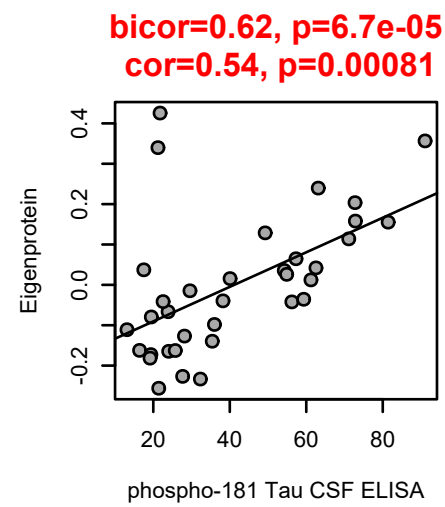
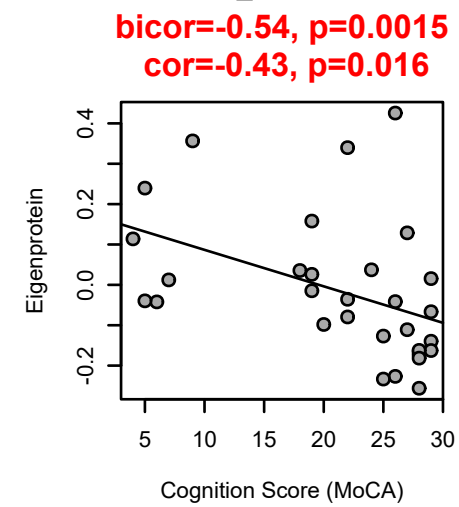
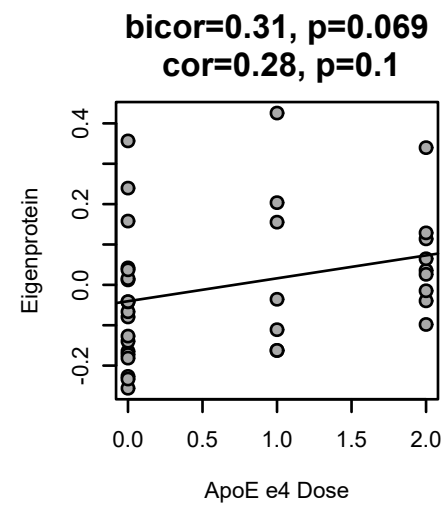
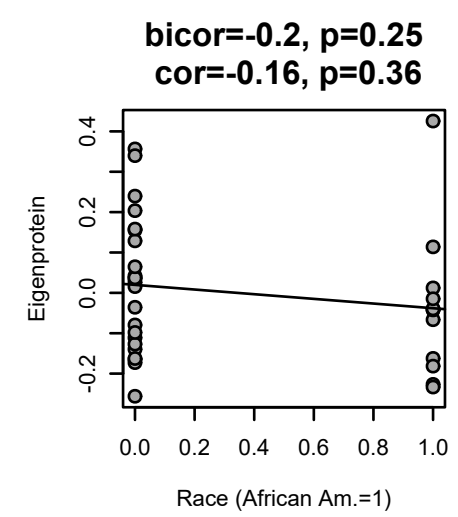
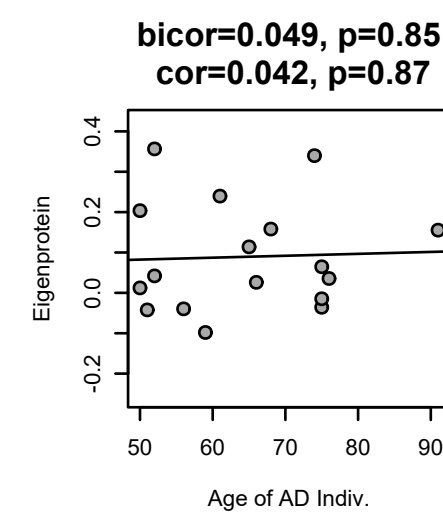
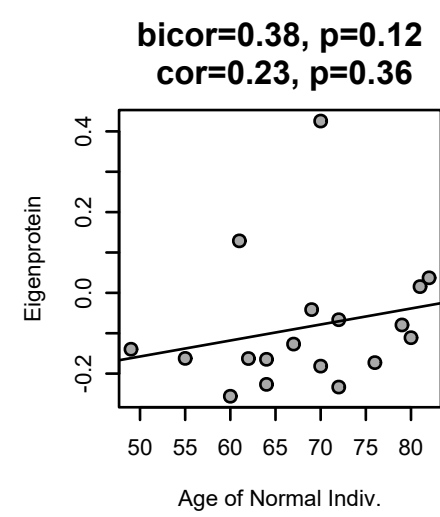
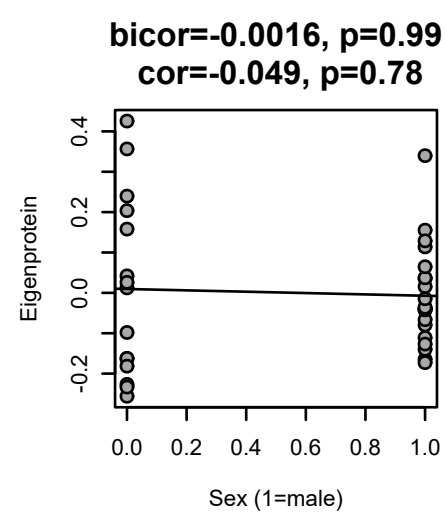
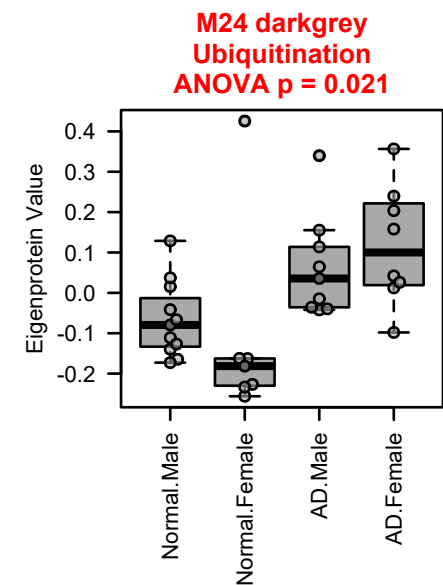
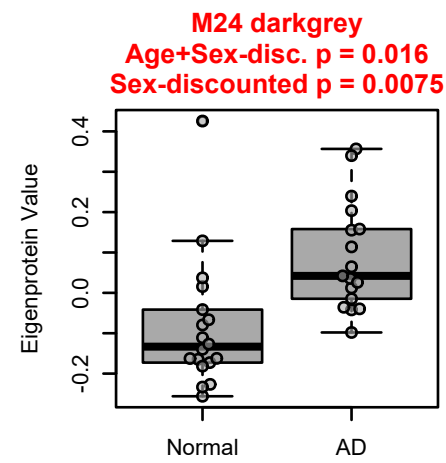
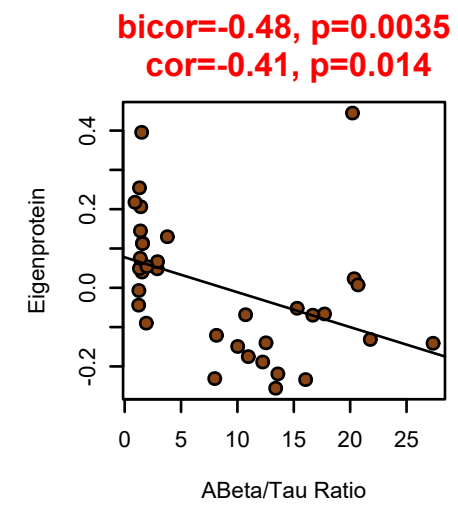
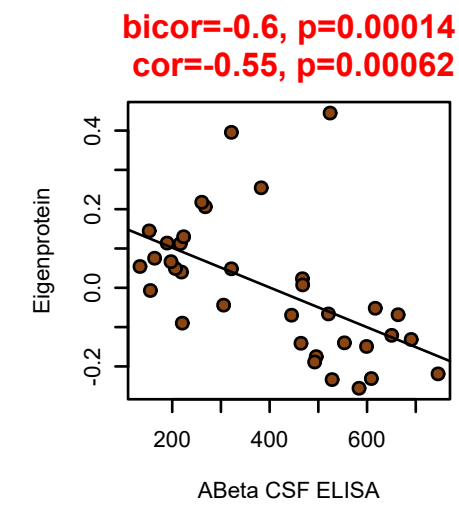
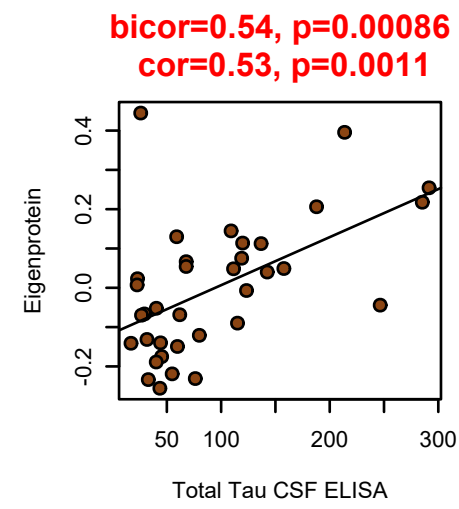
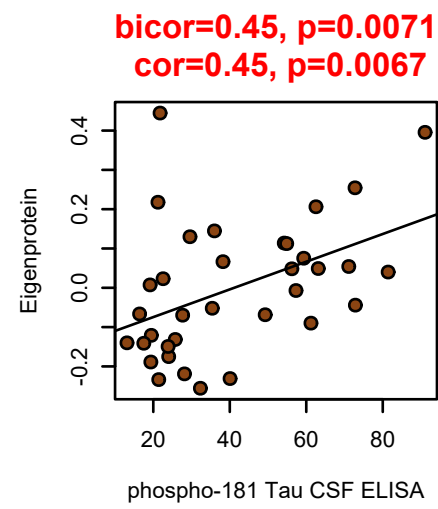
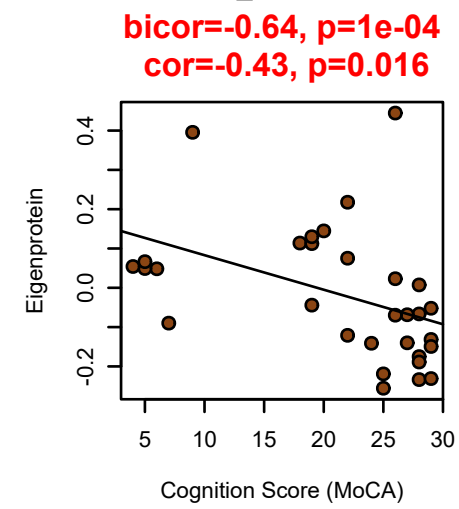
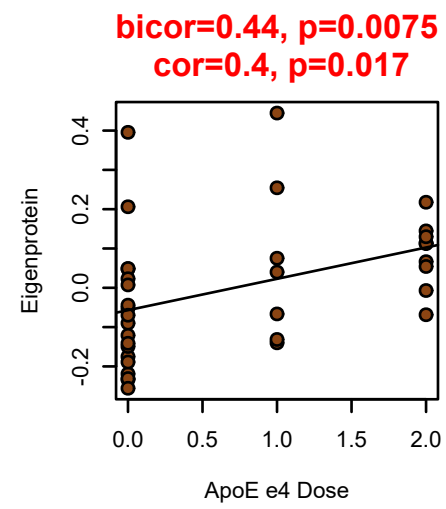
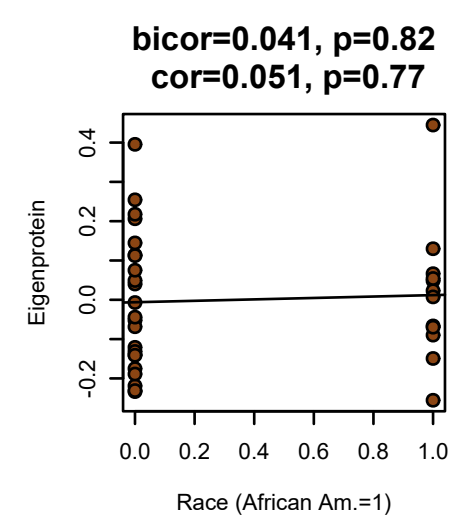
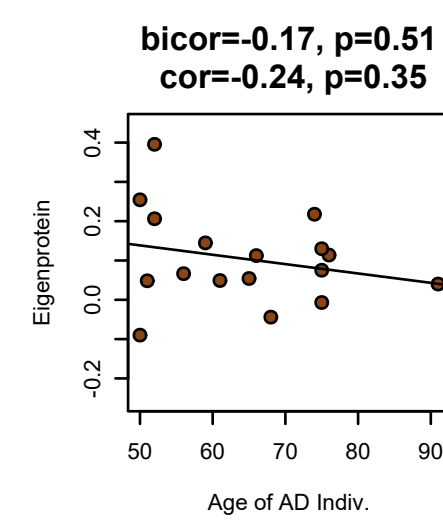
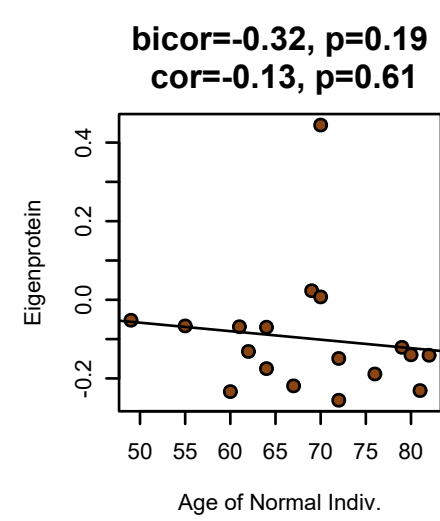
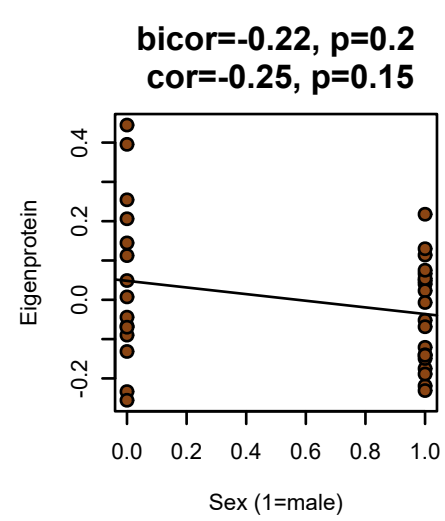
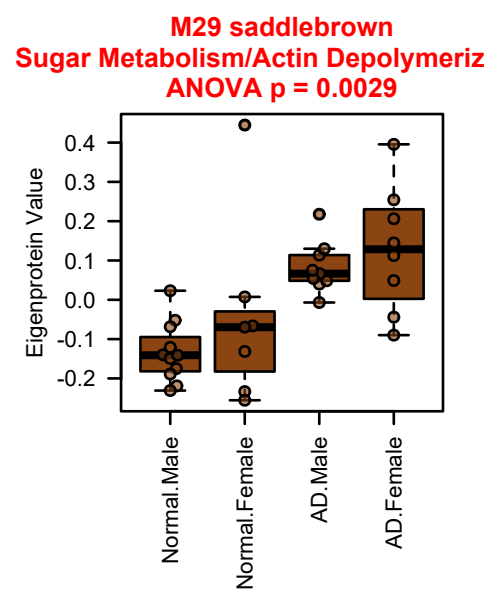
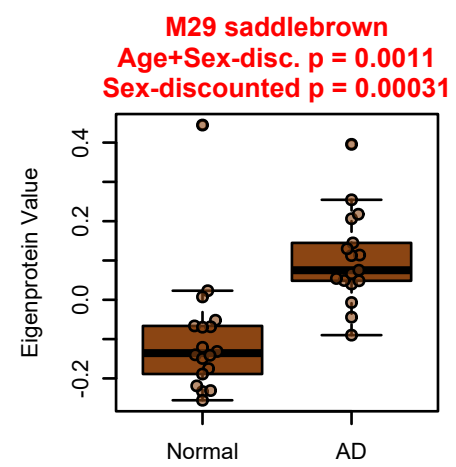


bicor=-0.63, $p=4.4e-05$
cor=-0.49, $p=0.0028$

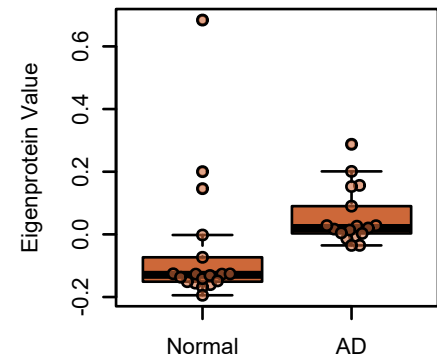


bicor=-0.26, $p=0.13$
cor=-0.14, $p=0.42$

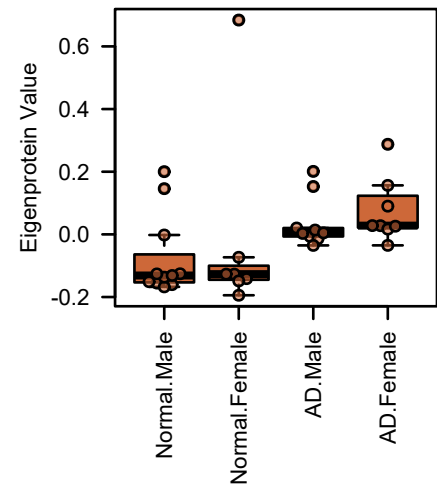




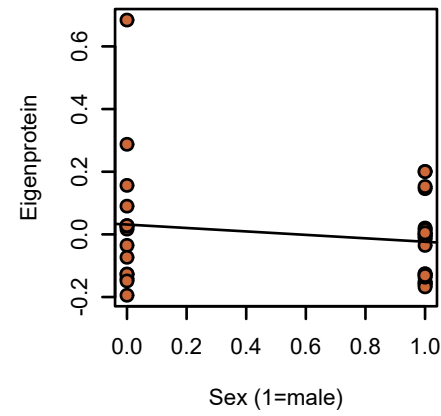
M35 sienna3
Age+Sex-disc. $p = 0.21$
Sex-discounted $p = 0.13$



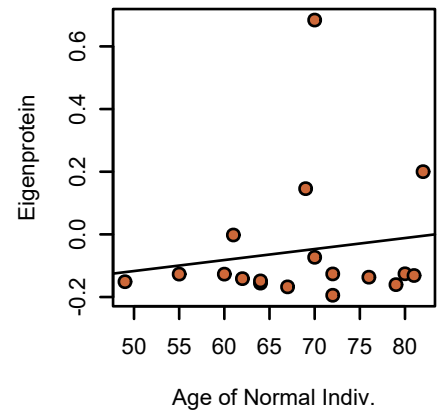
M35 sienna3
Ambiguous
ANOVA $p = 0.35$



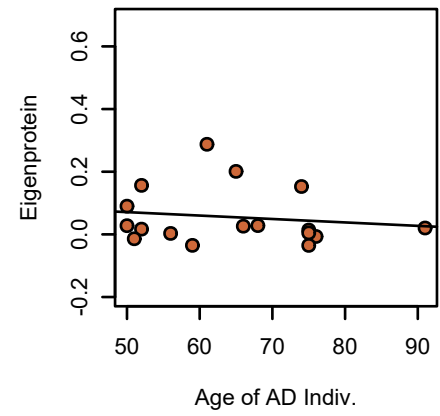
bicor=-0.096, $p=0.58$
cor=-0.16, $p=0.36$



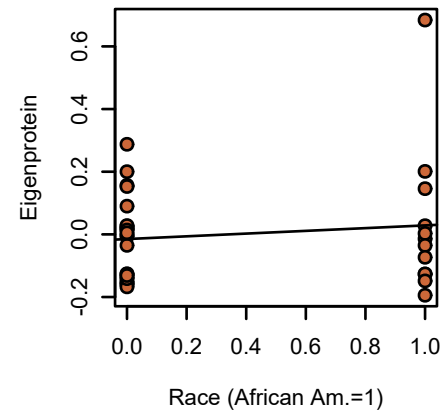
bicor=-0.037, $p=0.88$
cor=0.15, $p=0.55$



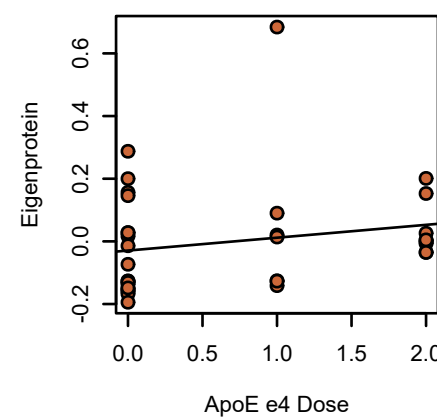
bicor=-0.18, $p=0.48$
cor=-0.14, $p=0.59$



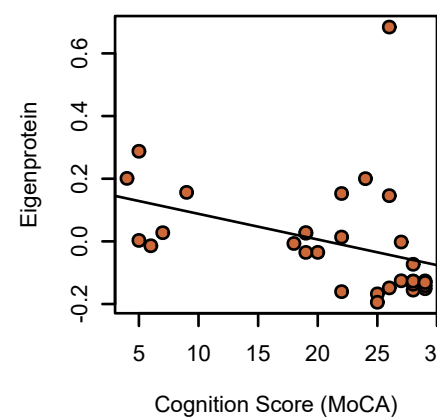
bicor=0.03, $p=0.87$
cor=0.12, $p=0.49$



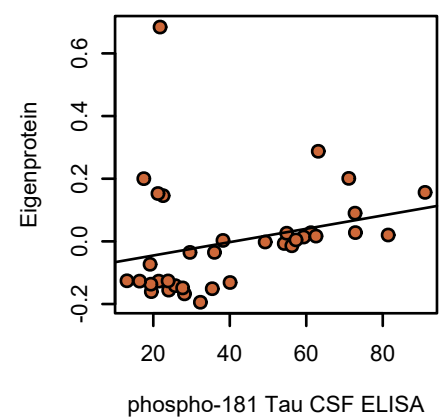
bicor=0.25, $p=0.16$
cor=0.21, $p=0.23$



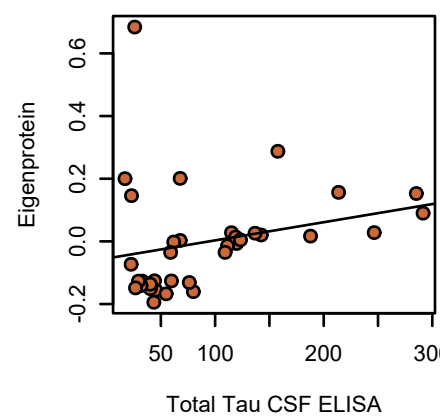
bicor=-0.57, $p=0.00077$
cor=-0.37, $p=0.04$



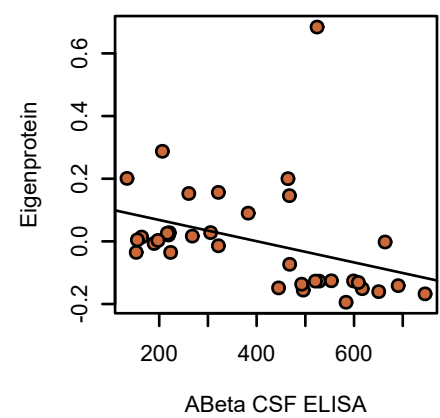
bicor=0.41, $p=0.014$
cor=0.27, $p=0.12$



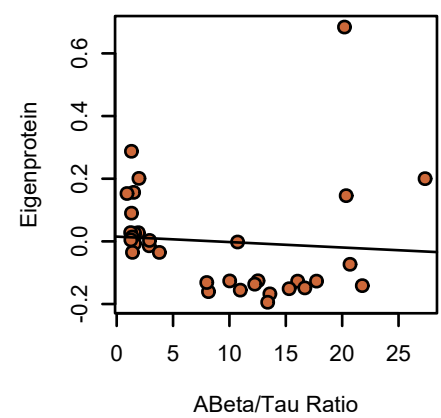
bicor=0.38, $p=0.024$
cor=0.25, $p=0.15$



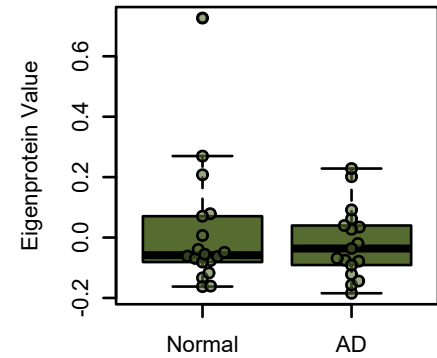
bicor=-0.52, $p=0.0014$
cor=-0.36, $p=0.034$



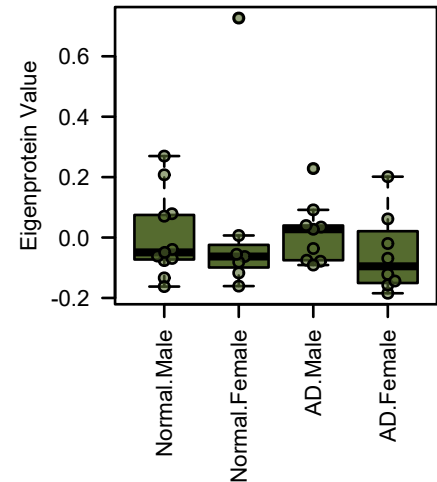
bicor=-0.29, $p=0.087$
cor=-0.079, $p=0.65$



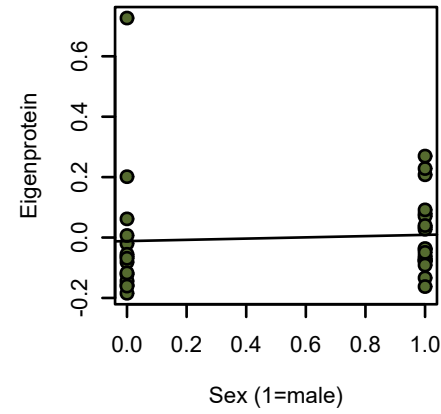
M33 darkolivegreen
Age+Sex-disc. $p = 0.5$
Sex-discounted $p = 0.82$



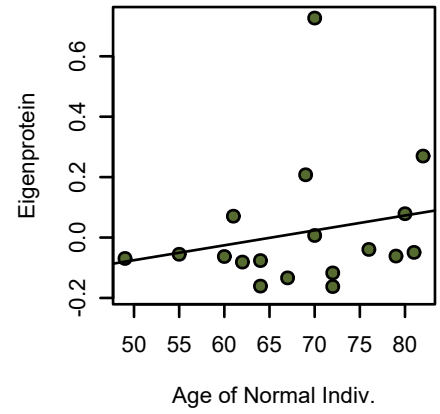
M33 darkolivegreen
Translation/Sugar Binding
ANOVA $p = 0.61$



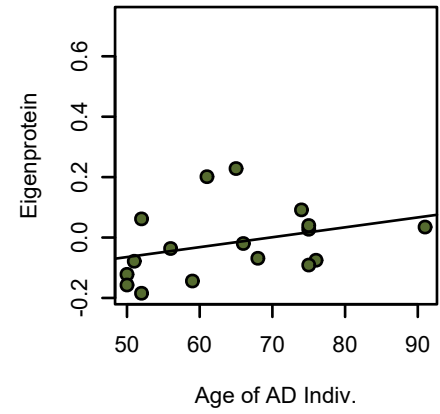
bicor=0.32, $p=0.063$
cor=0.06, $p=0.73$



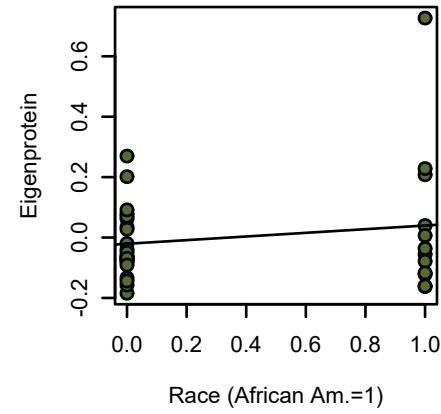
bicor=0.25, $p=0.32$
cor=0.21, $p=0.4$



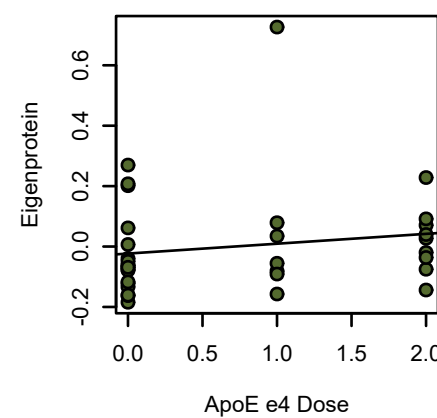
bicor=0.37, $p=0.15$
cor=0.33, $p=0.2$



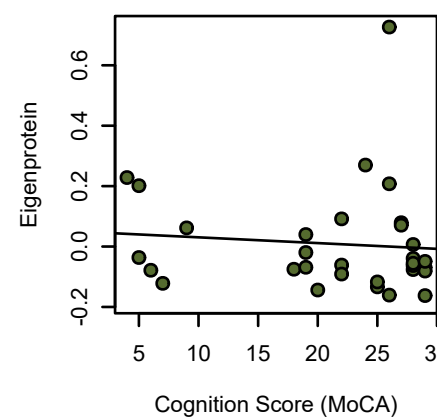
bicor=-0.038, $p=0.83$
cor=0.17, $p=0.33$



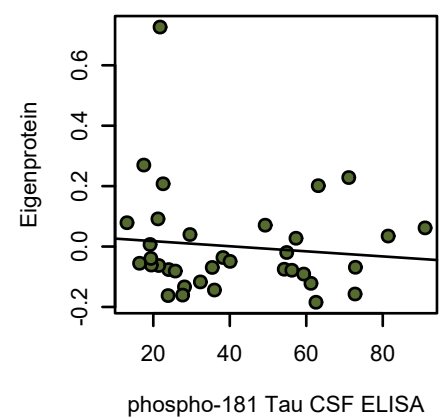
bicor=0.22, $p=0.2$
cor=0.16, $p=0.36$



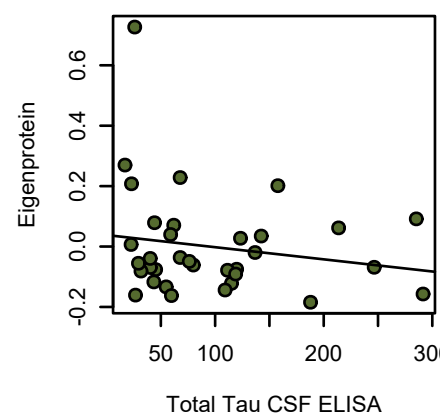
bicor=-0.19, $p=0.3$
cor=-0.09, $p=0.63$



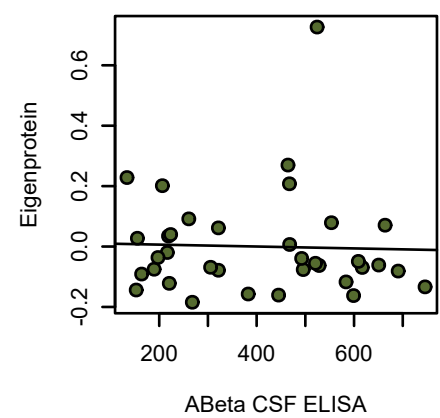
bicor=0.065, $p=0.71$
cor=-0.11, $p=0.53$



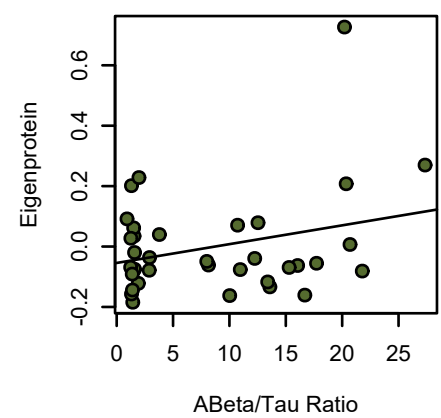
bicor=0.021, $p=0.91$
cor=-0.18, $p=0.3$



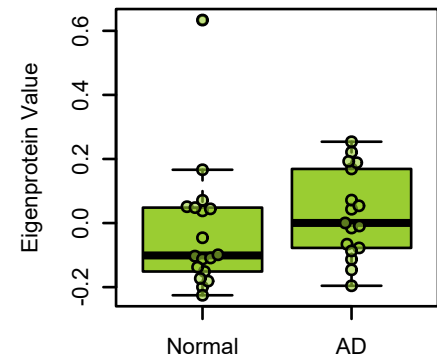
bicor=-0.23, $p=0.19$
cor=-0.034, $p=0.85$



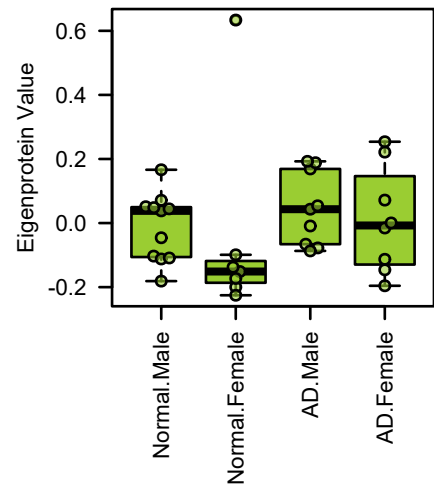
bicor=0.071, $p=0.68$
cor=0.28, $p=0.1$



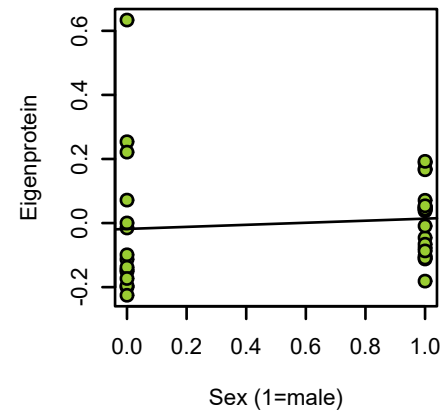
M36 yellowgreen
Age+Sex-disc. $p = 0.2$
Sex-discounted $p = 0.53$



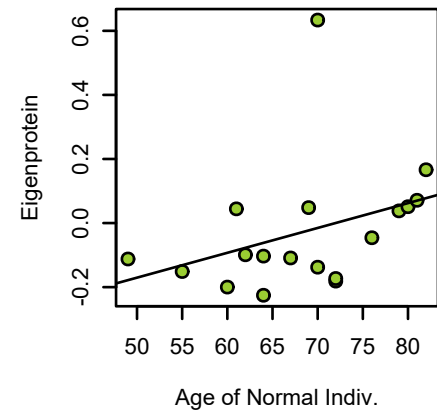
M36 yellowgreen
Organelle Organization/Biogenesis
ANOVA $p = 0.31$



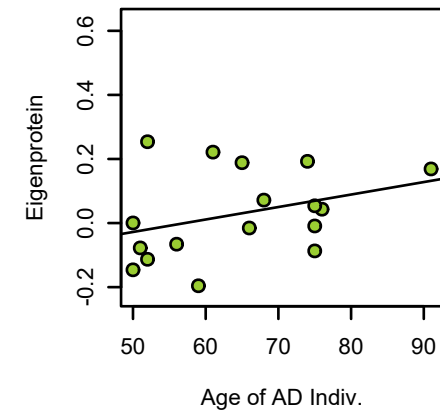
bicor=0.27, $p=0.12$
cor=0.094, $p=0.59$



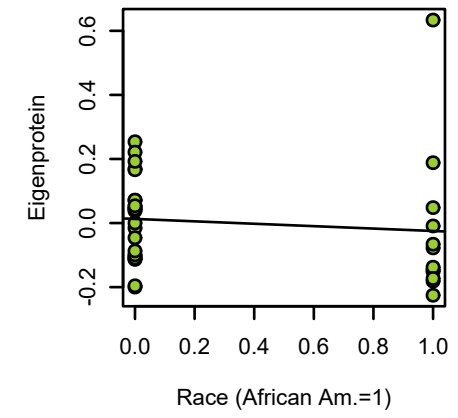
bicor=0.53, $p=0.024$
cor=0.36, $p=0.14$



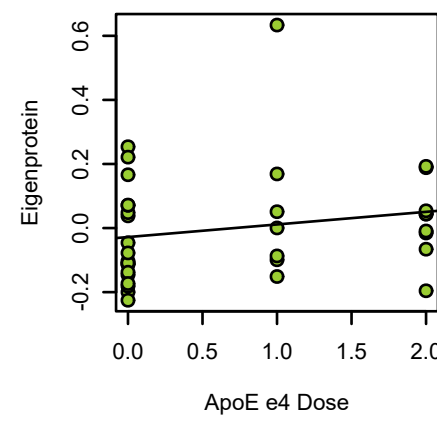
bicor=0.35, $p=0.17$
cor=0.34, $p=0.18$



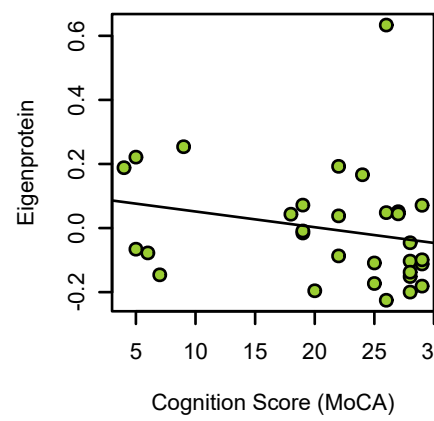
bicor=-0.3, $p=0.081$
cor=-0.11, $p=0.53$



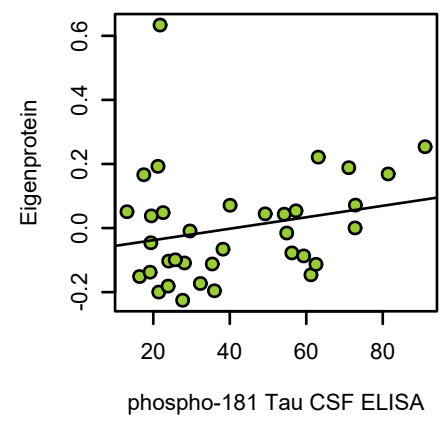
bicor=0.23, $p=0.19$
cor=0.2, $p=0.25$



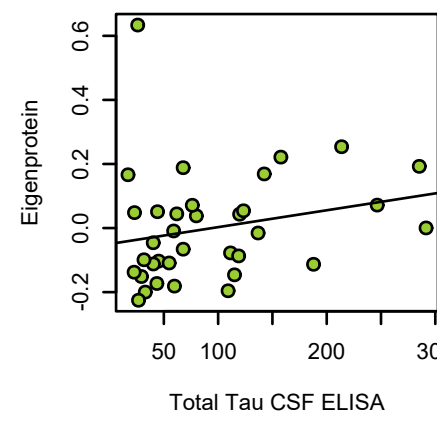
bicor=-0.39, $p=0.03$
cor=-0.23, $p=0.21$



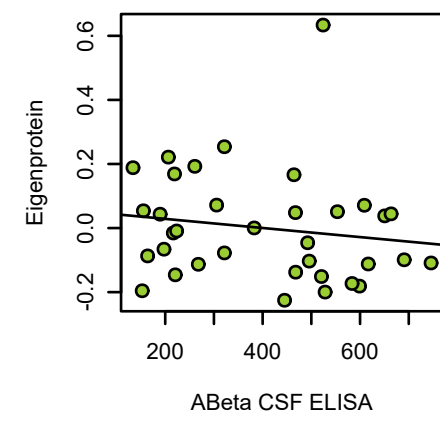
bicor=0.34, $p=0.046$
cor=0.23, $p=0.18$



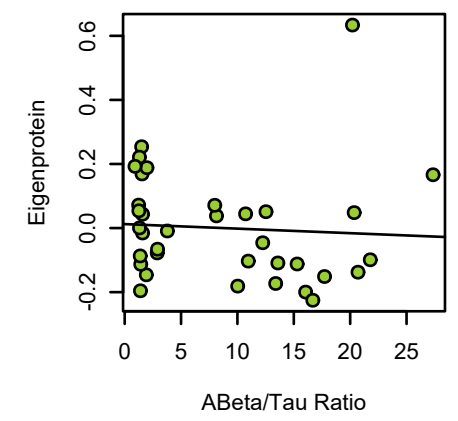
bicor=0.37, $p=0.031$
cor=0.23, $p=0.18$



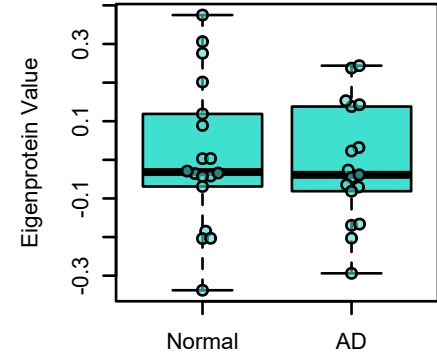
bicor=-0.26, $p=0.13$
cor=-0.15, $p=0.39$



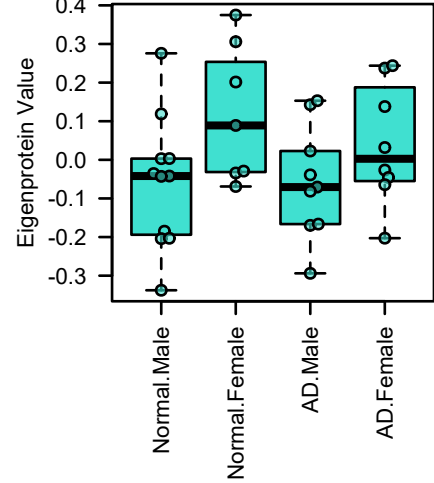
bicor=-0.28, $p=0.1$
cor=-0.065, $p=0.71$



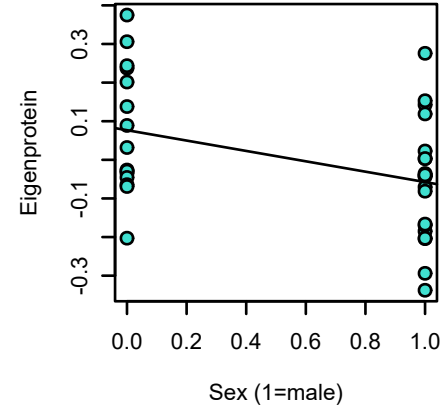
M1 turquoise
Age+Sex-disc. $p = 0.0043$
Sex-discounted $p = 0.057$



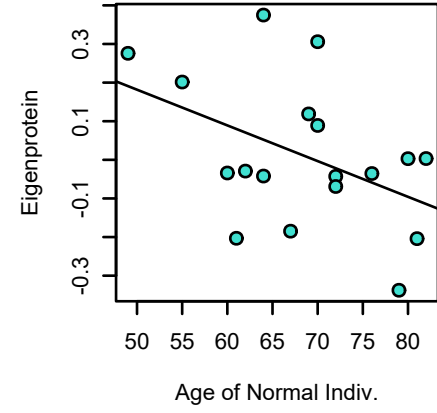
M1 turquoise
Immune Response
ANOVA $p = 0.0045$



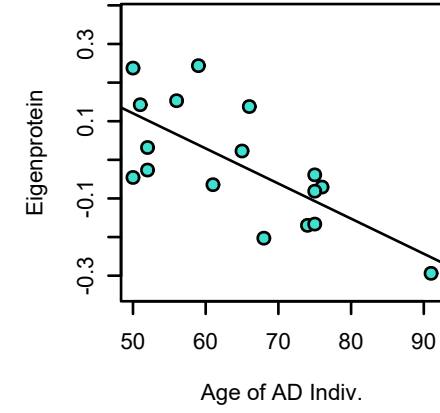
bicor=-0.38, $p=0.024$
cor=-0.39, $p=0.021$



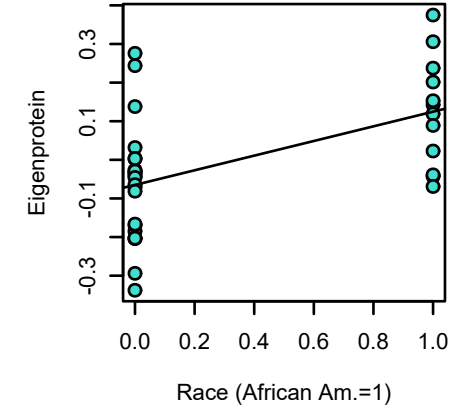
bicor=-0.44, $p=0.067$
cor=-0.45, $p=0.061$



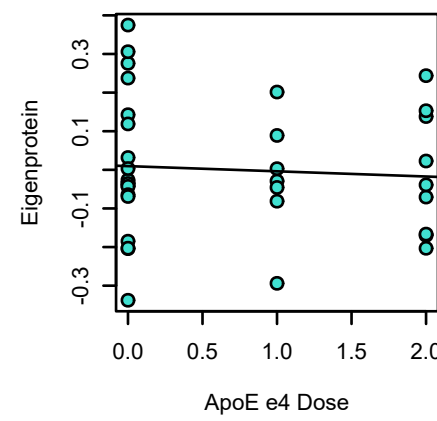
bicor=-0.7, $p=0.0017$
cor=-0.71, $p=0.0014$



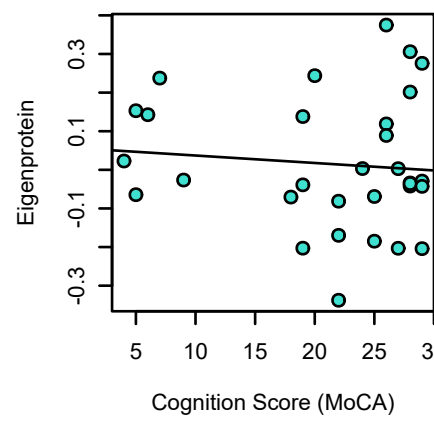
bicor=0.53, $p=0.0011$
cor=0.53, $p=0.0011$



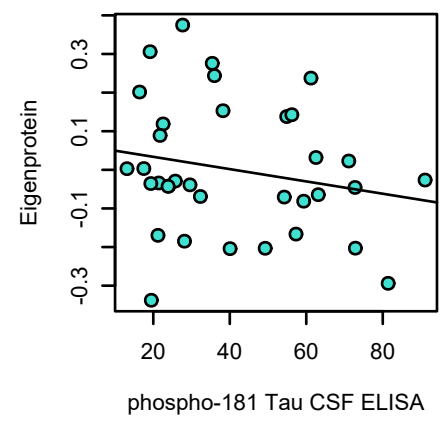
bicor=-0.057, $p=0.75$
cor=-0.067, $p=0.7$



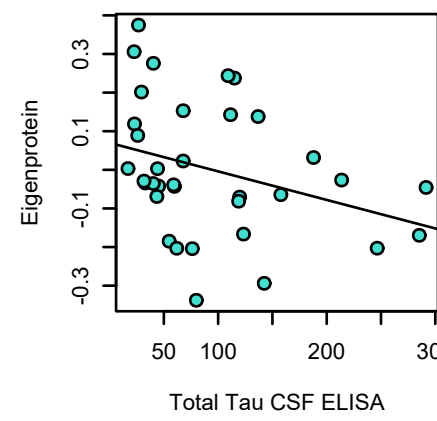
bicor=-0.019, $p=0.92$
cor=-0.094, $p=0.61$



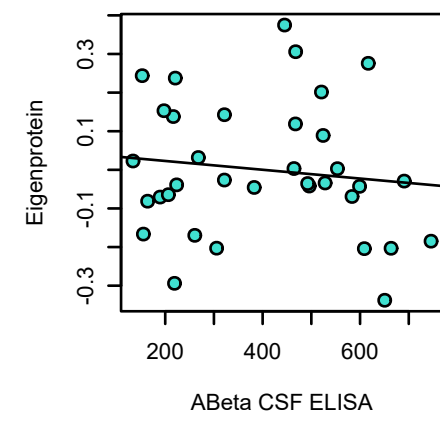
bicor=-0.14, $p=0.43$
cor=-0.2, $p=0.25$



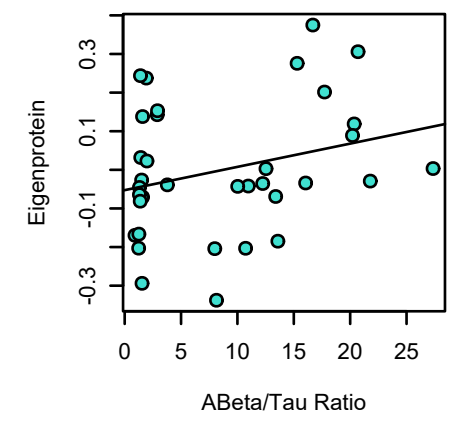
bicor=-0.25, $p=0.15$
cor=-0.32, $p=0.061$

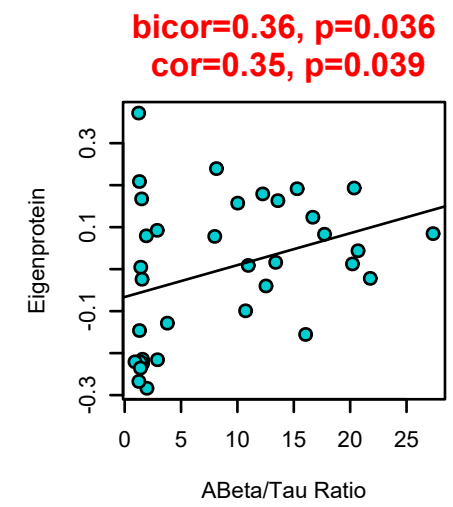
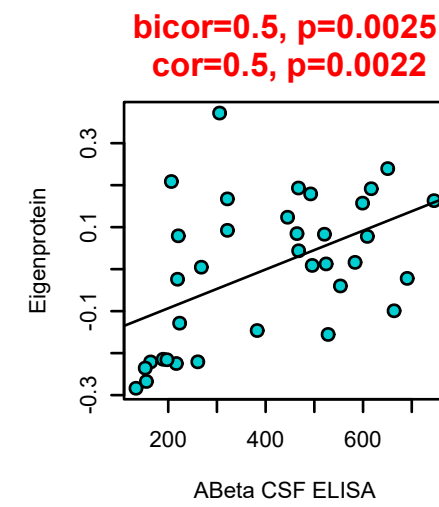
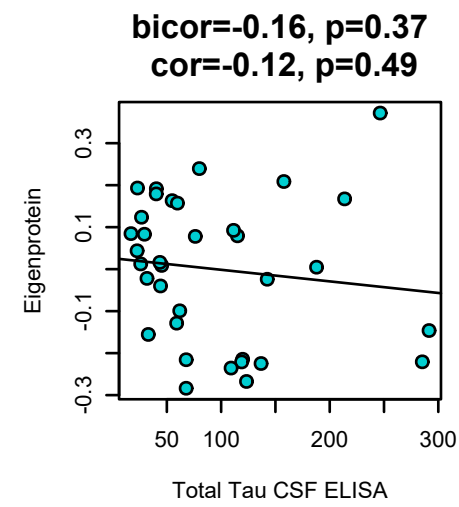
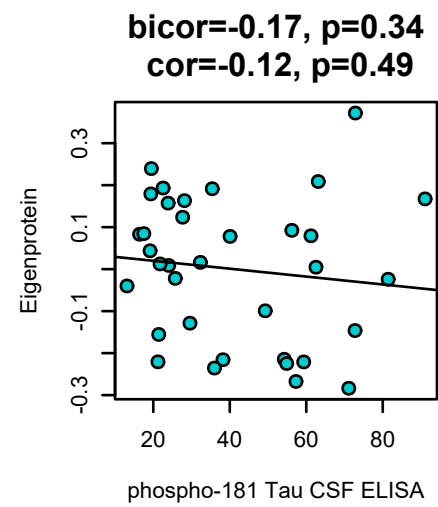
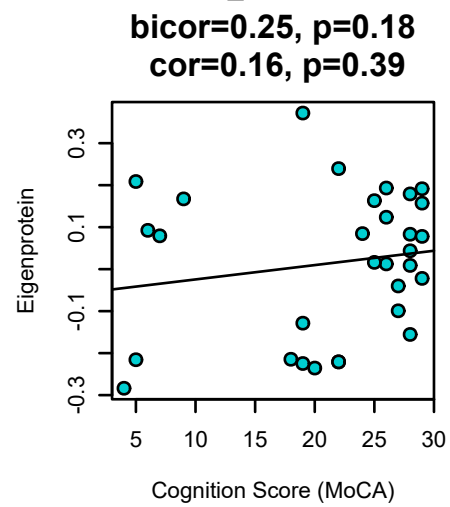
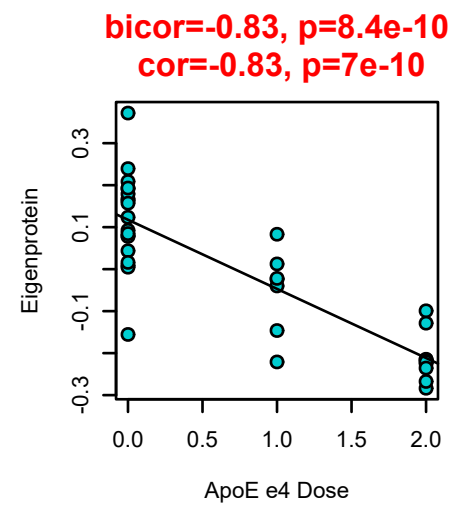
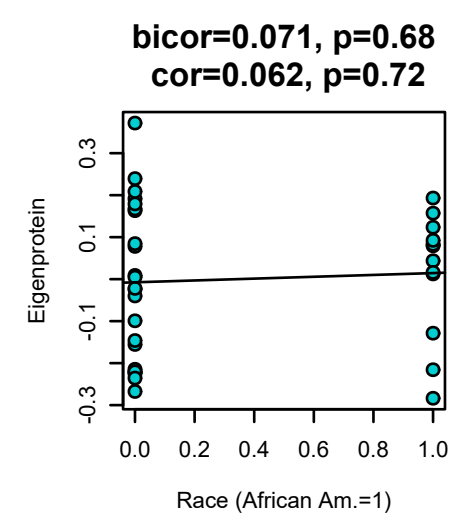
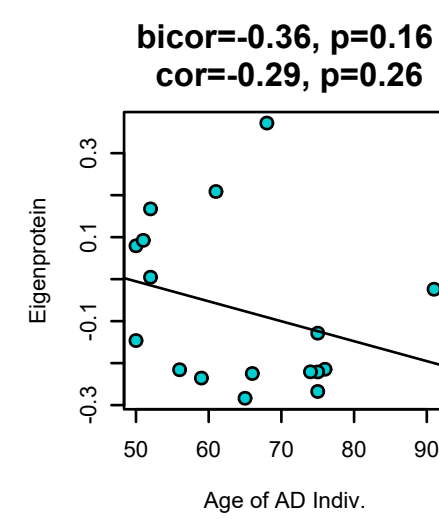
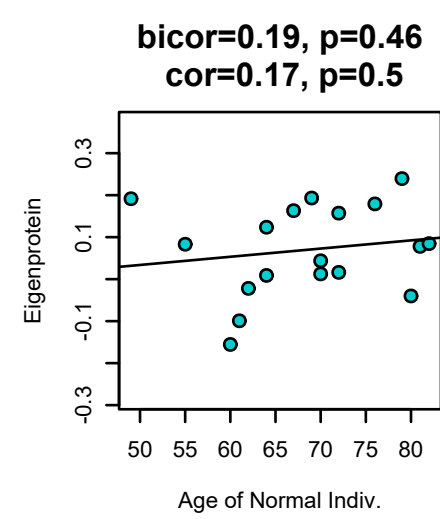
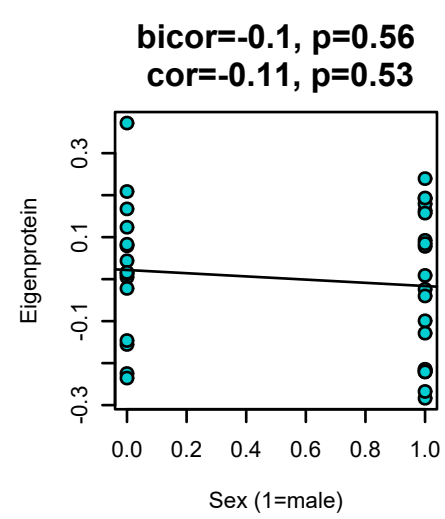
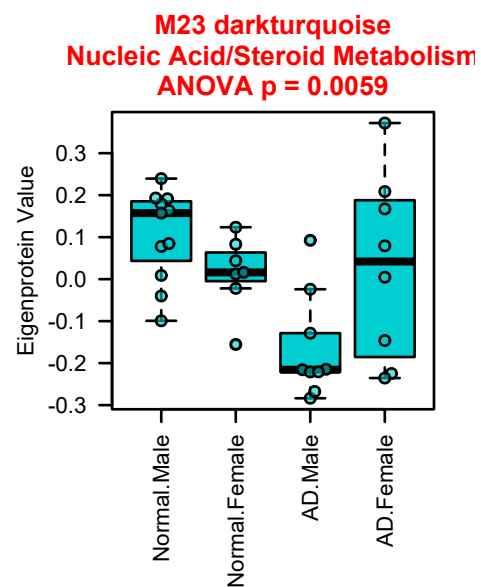
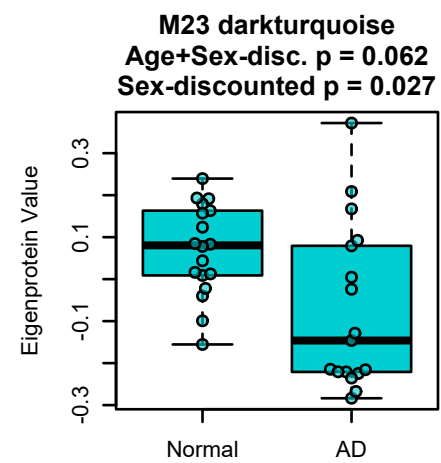
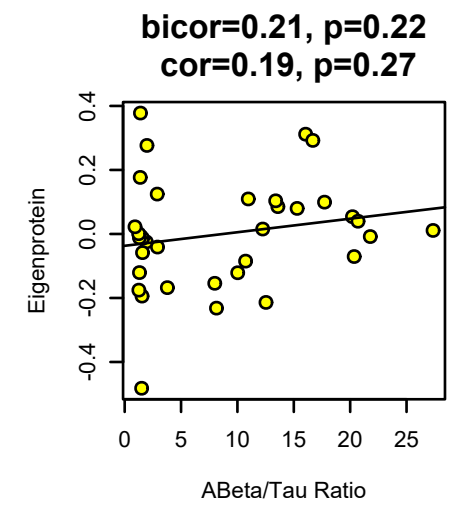
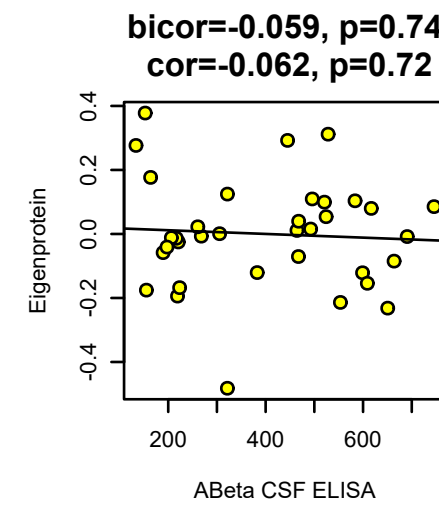
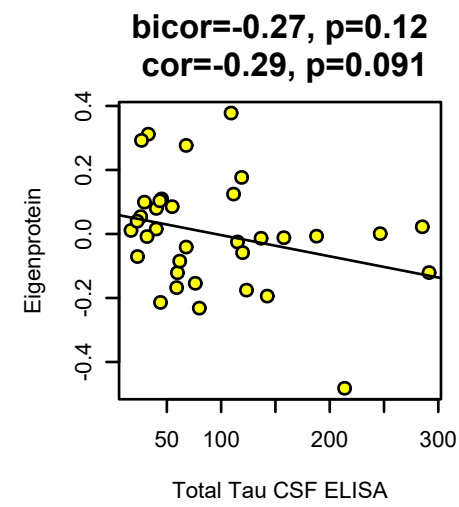
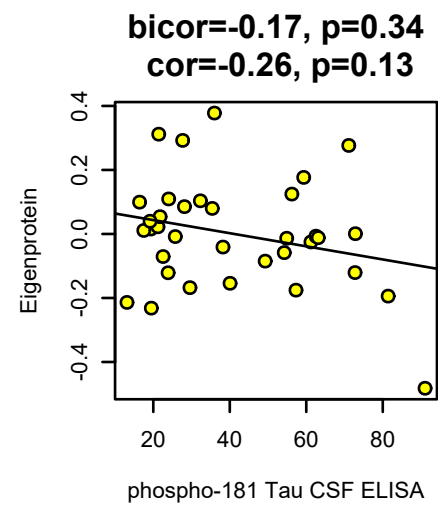
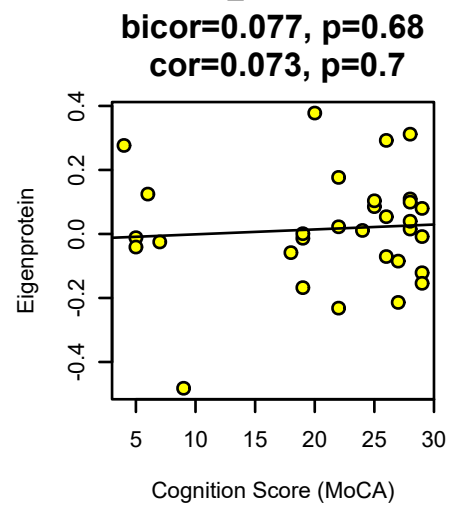
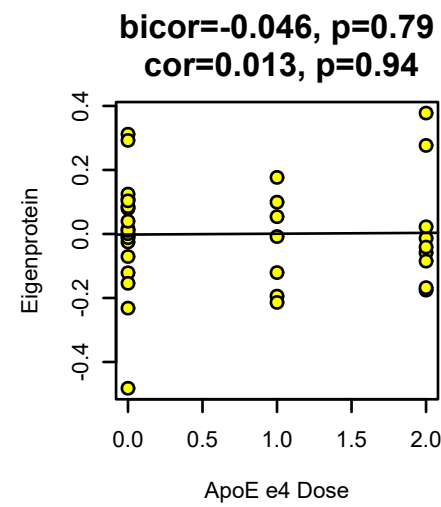
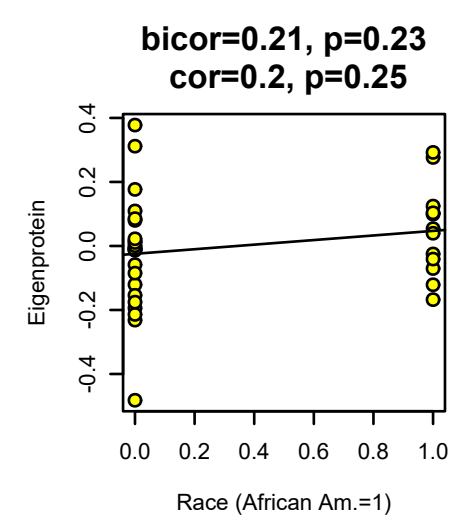
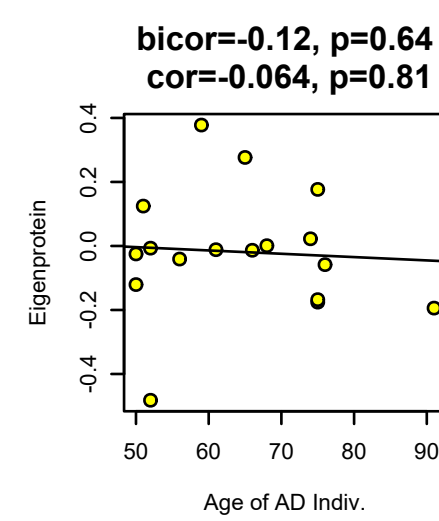
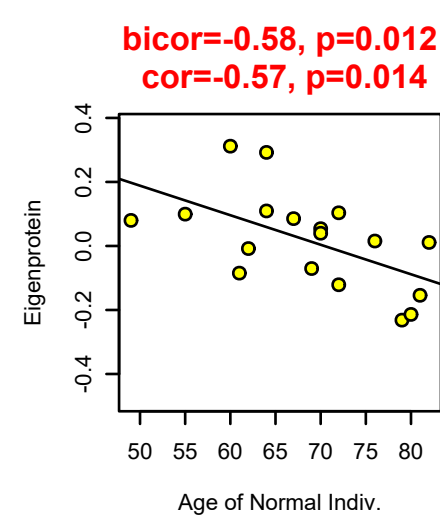
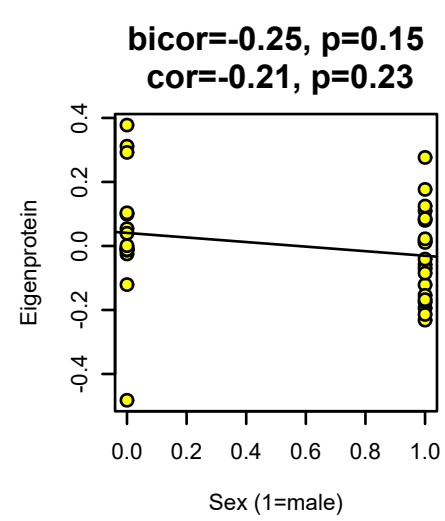
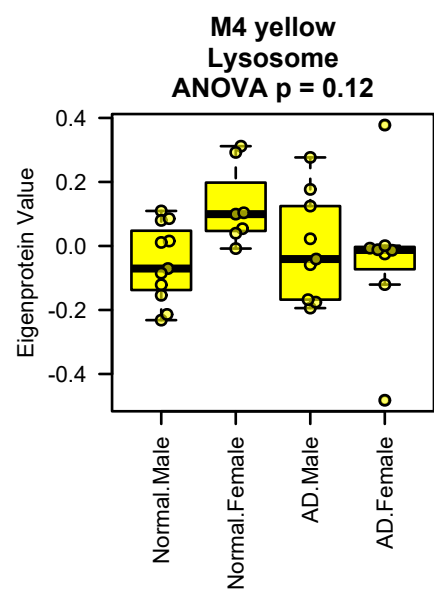
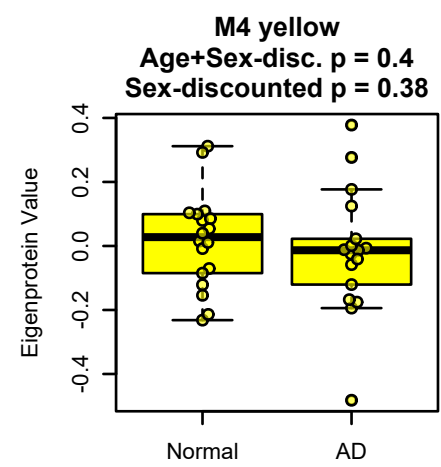


bicor=-0.17, $p=0.34$
cor=-0.12, $p=0.49$

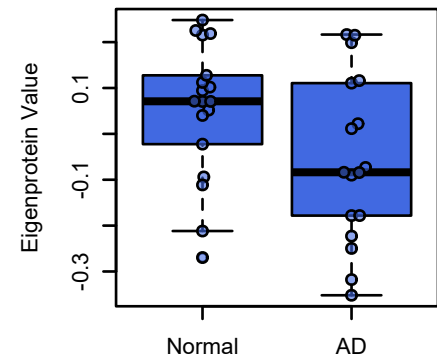


bicor=0.28, $p=0.11$
cor=0.28, $p=0.1$

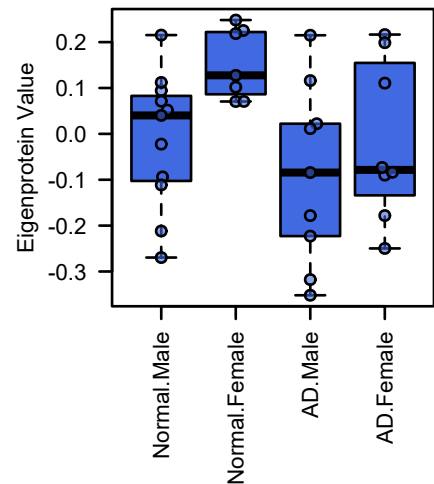




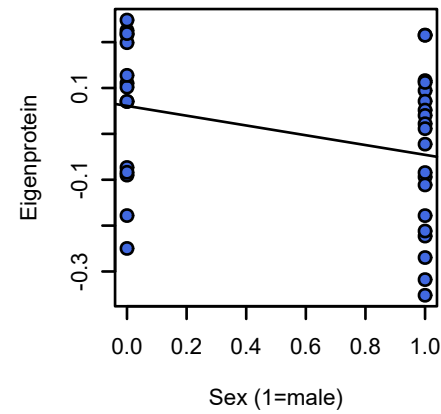
M20 royalblue
Age+Sex-disc. $p = 0.029$
Sex-discounted $p = 0.02$



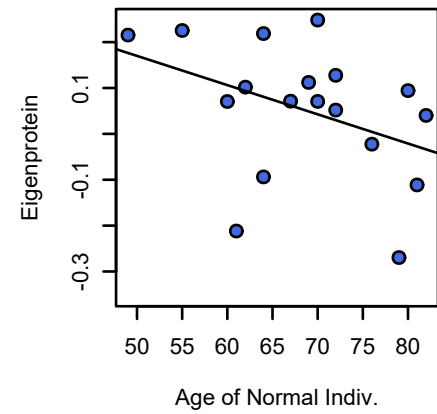
M20 royalblue
Ambiguous
ANOVA $p = 0.053$



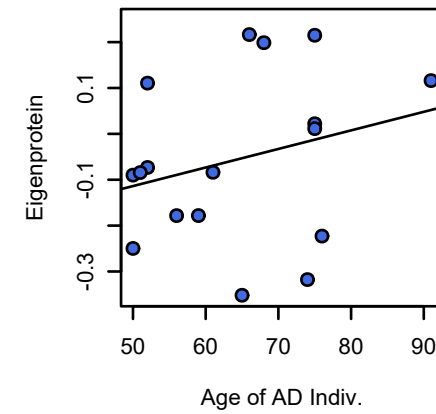
bicor=-0.3, $p=0.078$
cor=-0.31, $p=0.07$



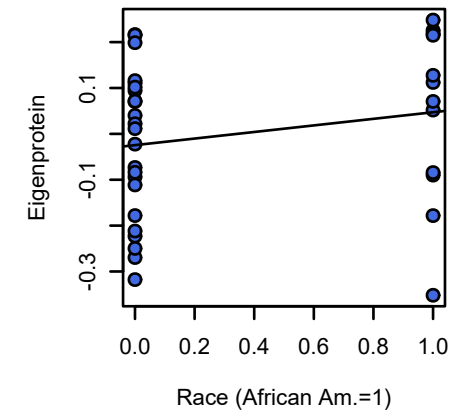
bicor=-0.41, $p=0.092$
cor=-0.4, $p=0.1$



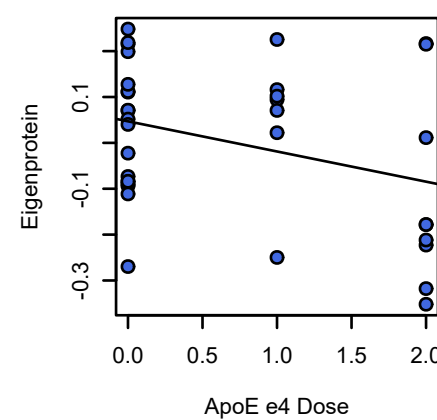
bicor=0.25, $p=0.33$
cor=0.27, $p=0.29$



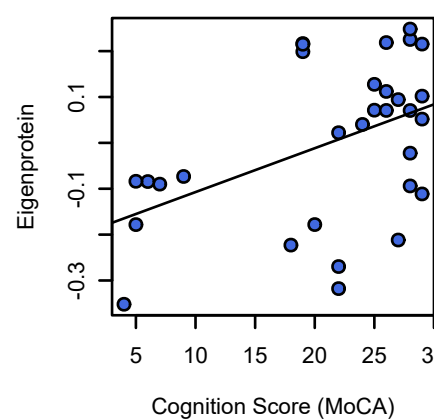
bicor=0.21, $p=0.23$
cor=0.2, $p=0.25$



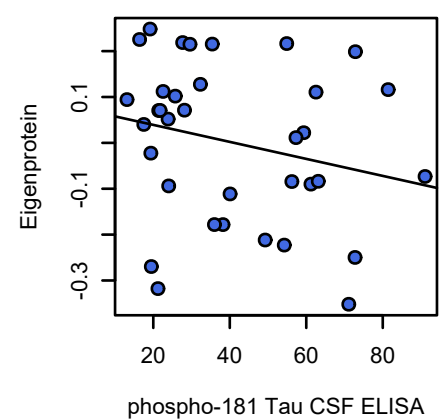
bicor=-0.3, $p=0.078$
cor=-0.33, $p=0.053$



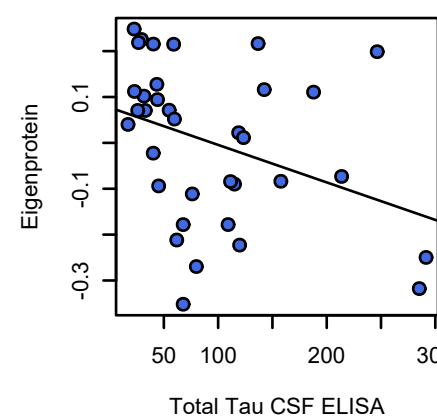
bicor=0.37, $p=0.041$
cor=0.46, $p=0.0092$



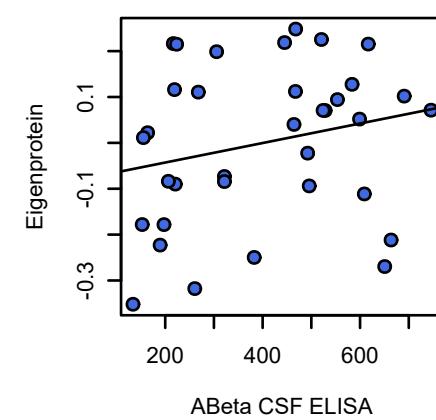
bicor=-0.28, $p=0.098$
cor=-0.23, $p=0.18$



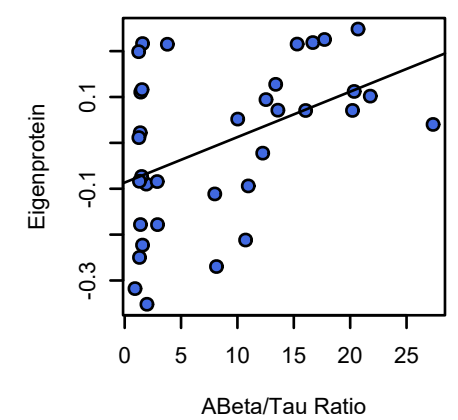
bicor=-0.37, $p=0.028$
cor=-0.36, $p=0.034$



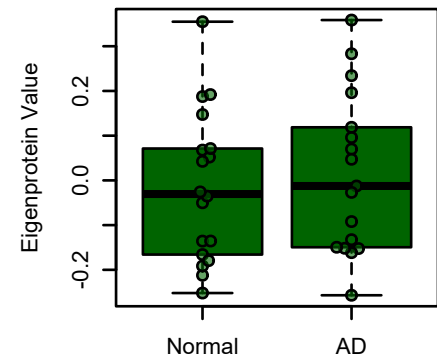
bicor=0.26, $p=0.13$
cor=0.23, $p=0.18$



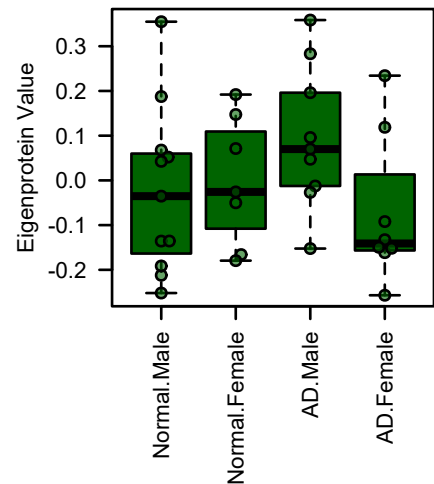
bicor=0.44, $p=0.0089$
cor=0.45, $p=0.0067$



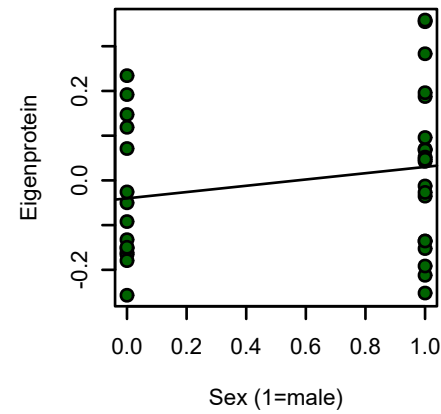
M22 darkgreen
Age+Sex-disc. $p = 0.019$
Sex-discounted $p = 0.41$



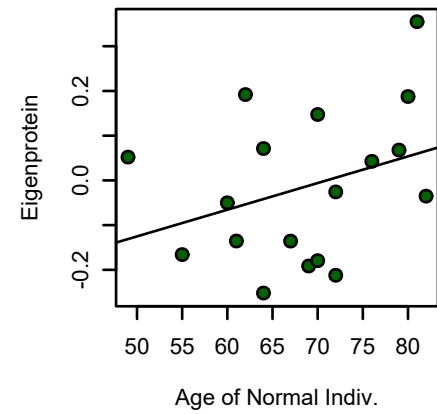
M22 darkgreen
ECM/Actin Binding
ANOVA $p = 0.023$



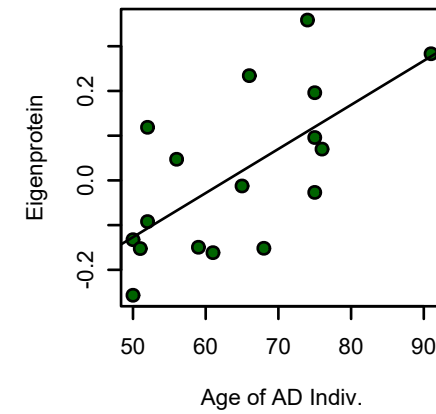
bicor=0.2, $p=0.26$
cor=0.21, $p=0.23$



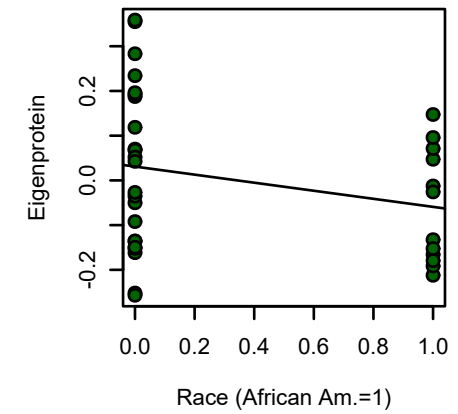
bicor=0.32, $p=0.19$
cor=0.33, $p=0.18$



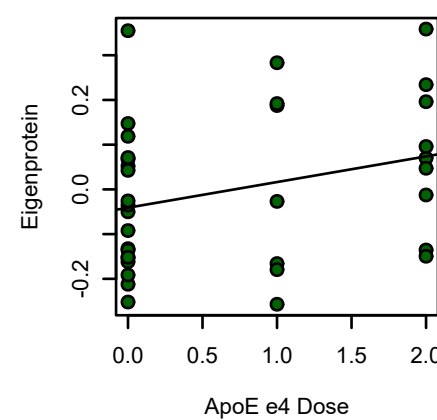
bicor=0.64, $p=0.0057$
cor=0.66, $p=0.0039$



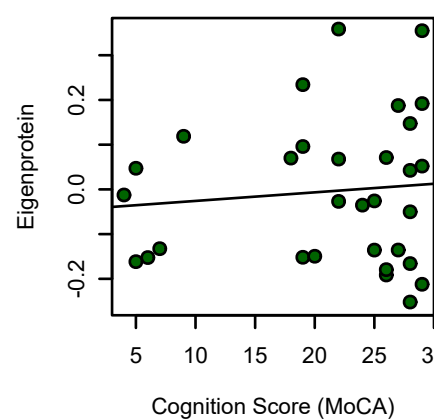
bicor=-0.24, $p=0.16$
cor=-0.25, $p=0.15$



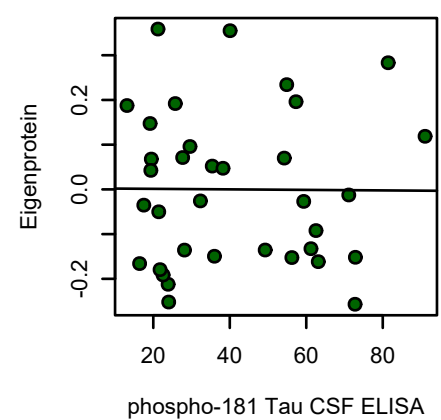
bicor=0.29, $p=0.095$
cor=0.29, $p=0.091$



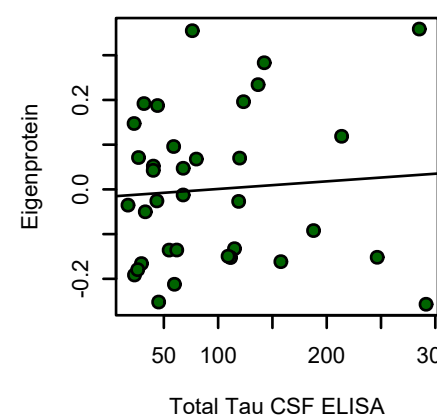
bicor=-0.05, $p=0.79$
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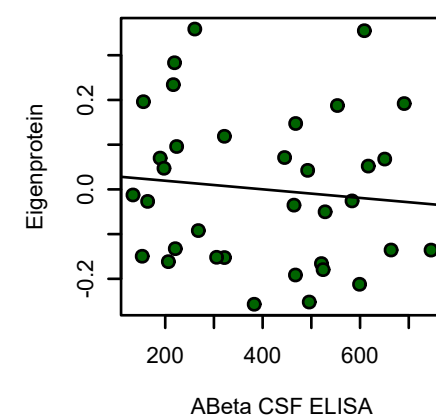
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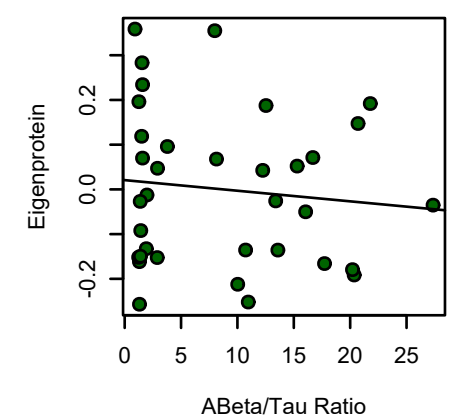
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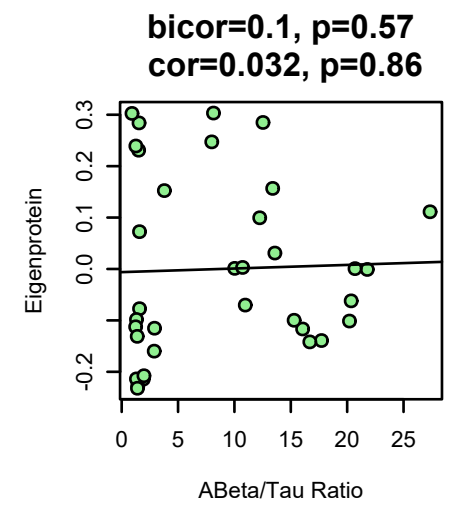
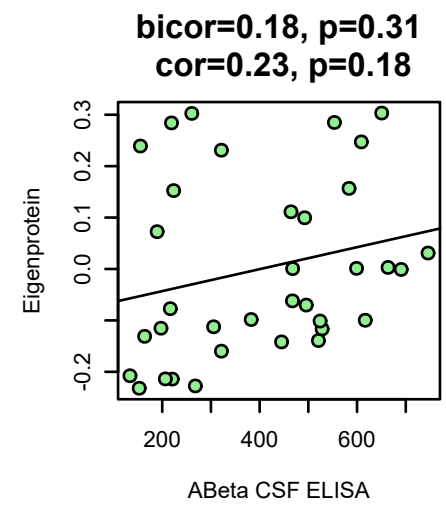
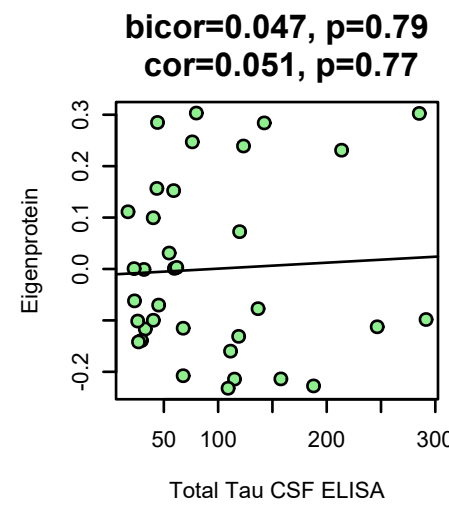
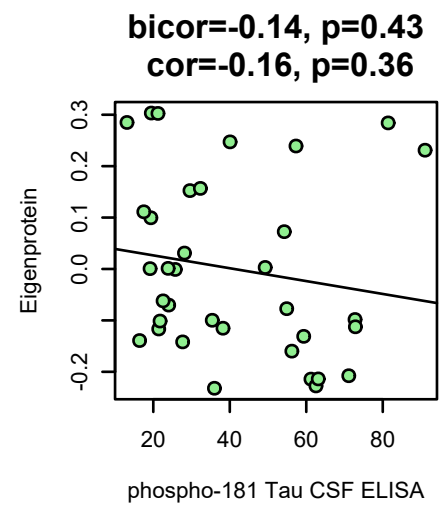
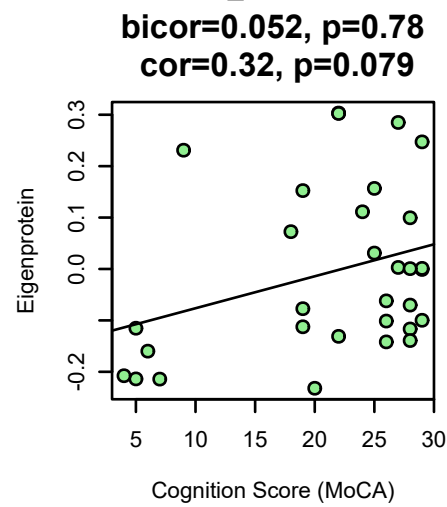
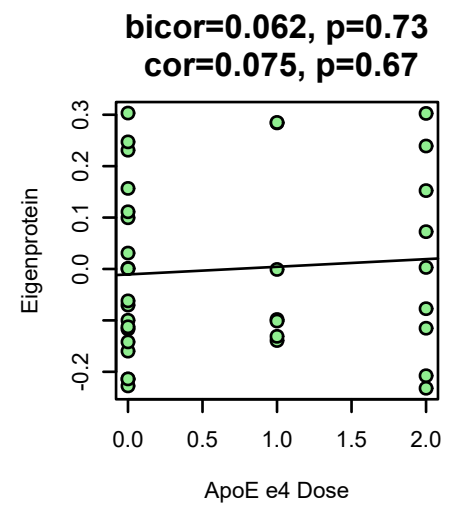
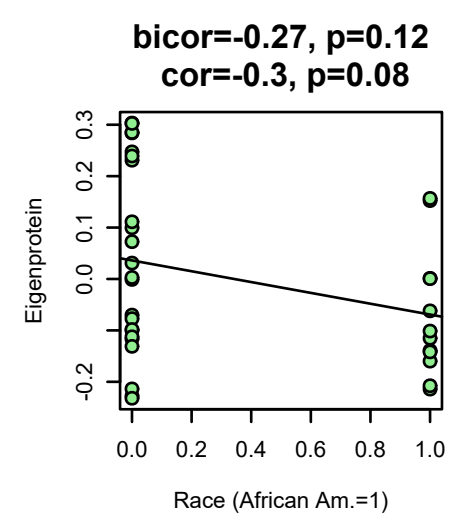
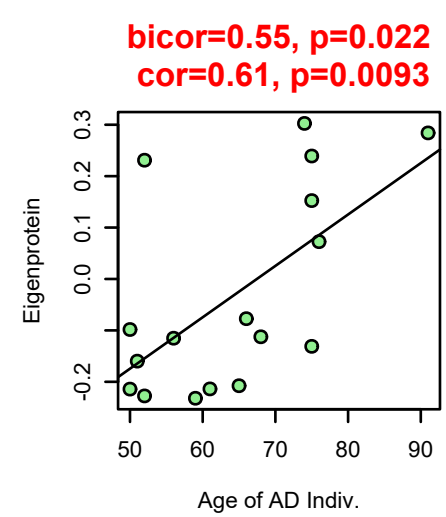
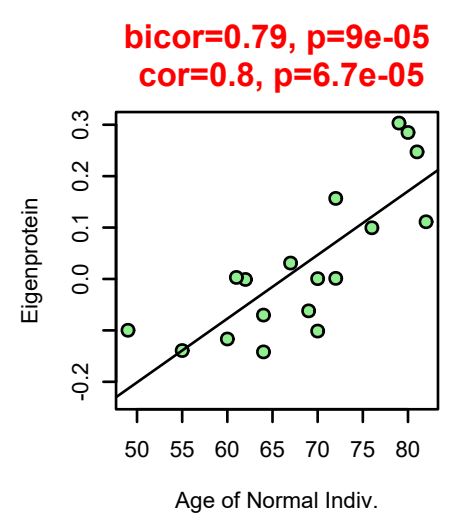
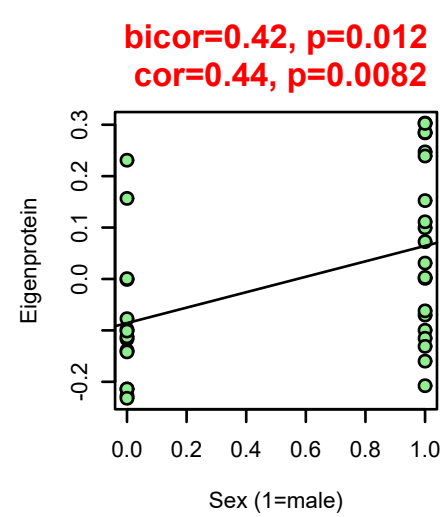
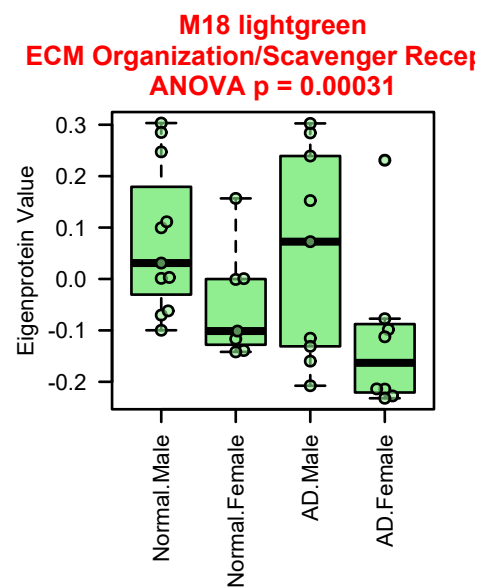
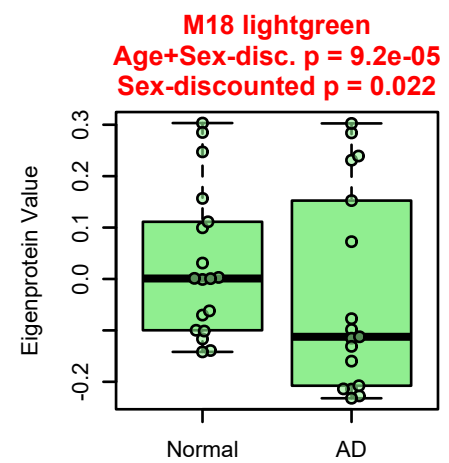
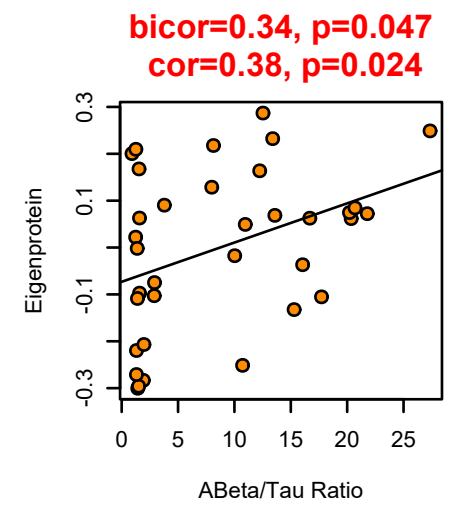
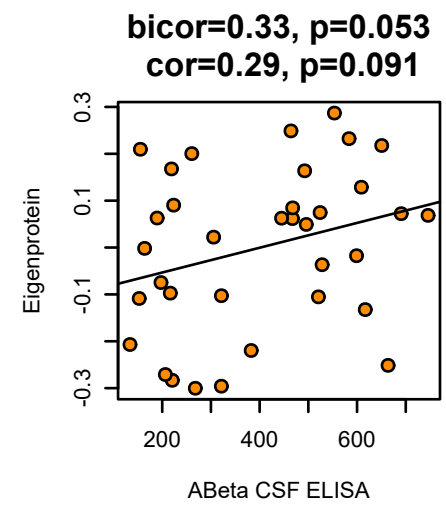
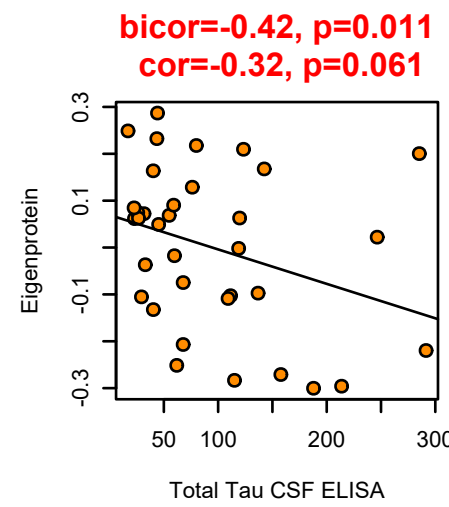
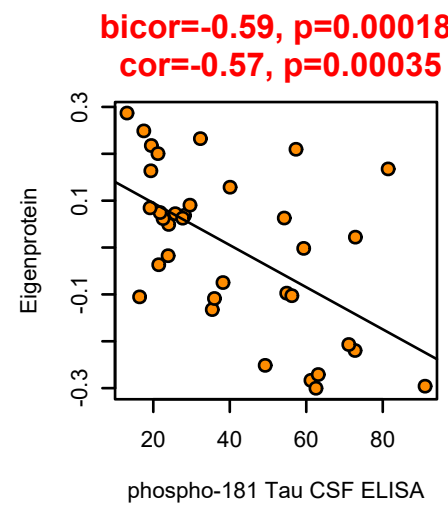
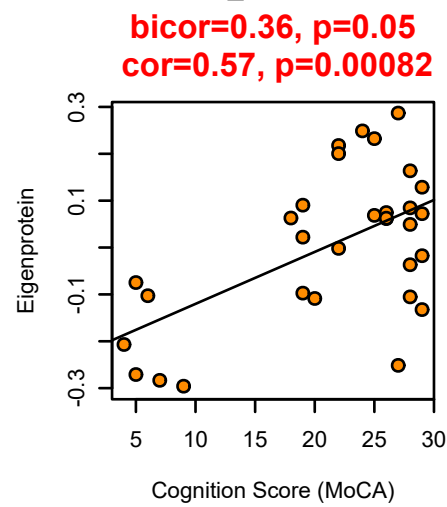
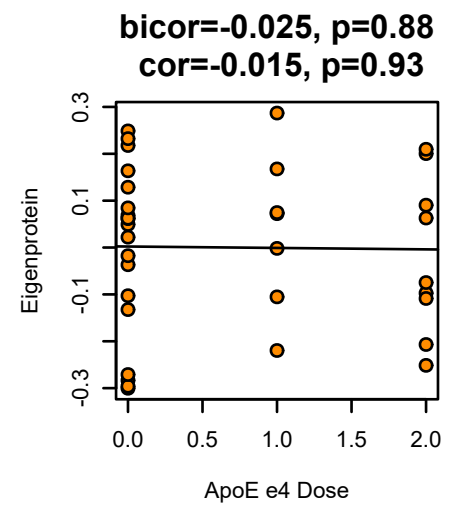
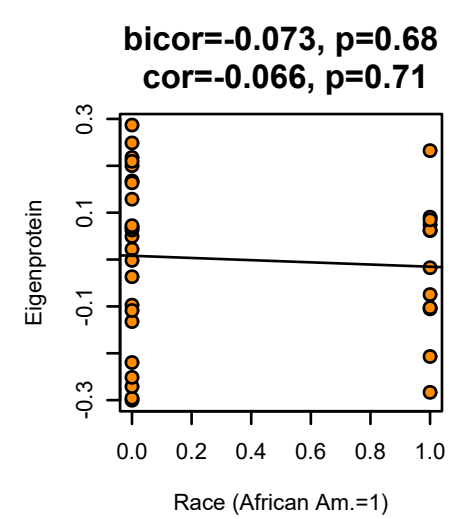
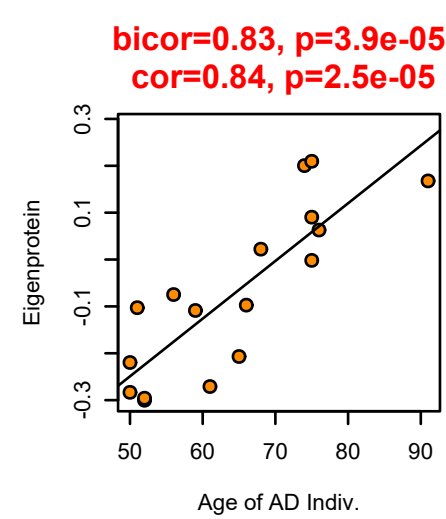
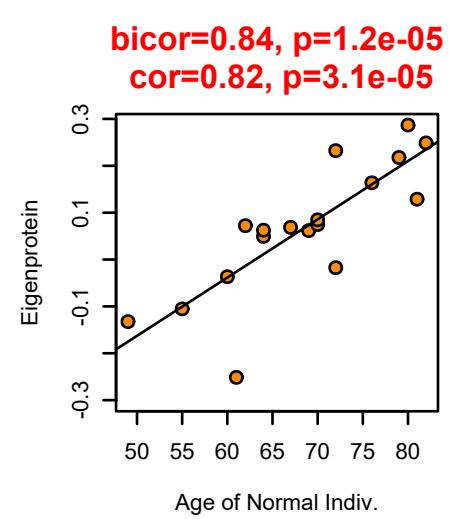
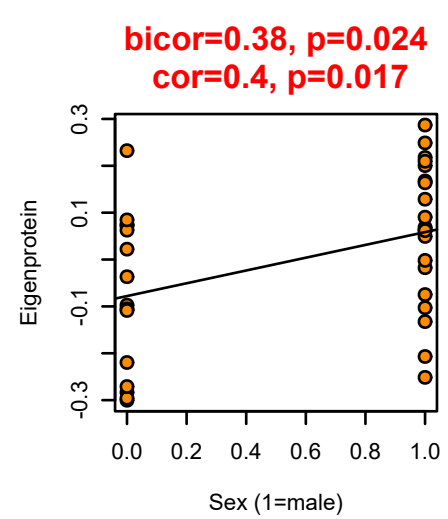
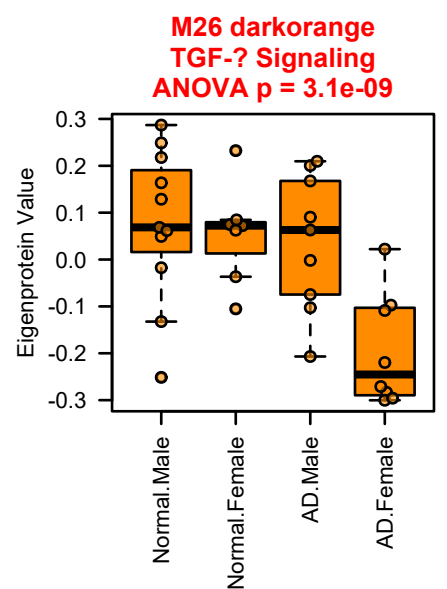
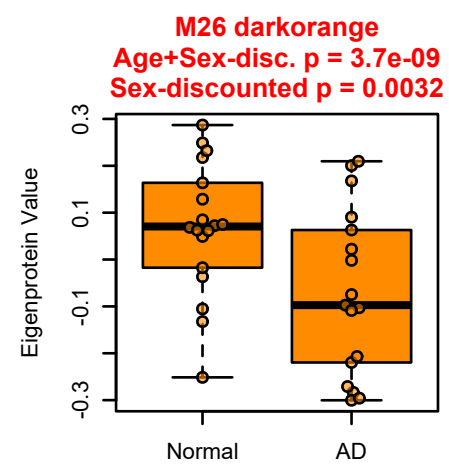


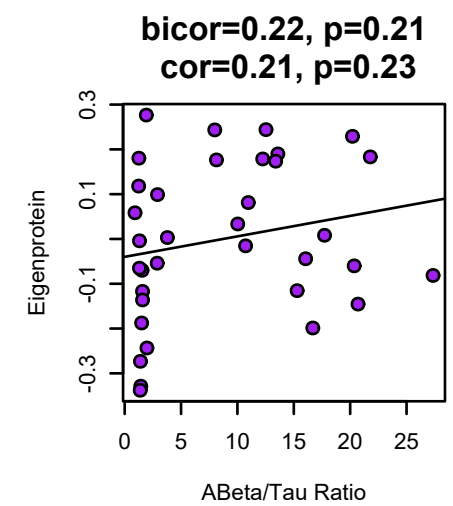
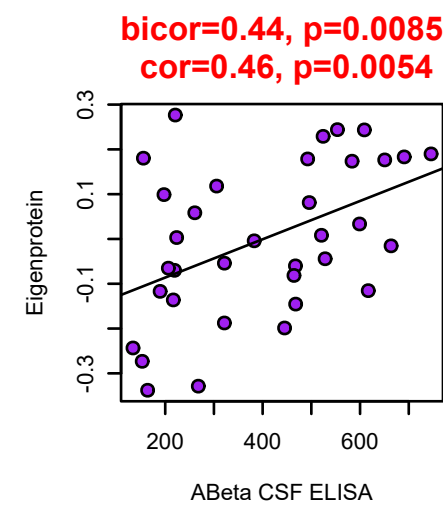
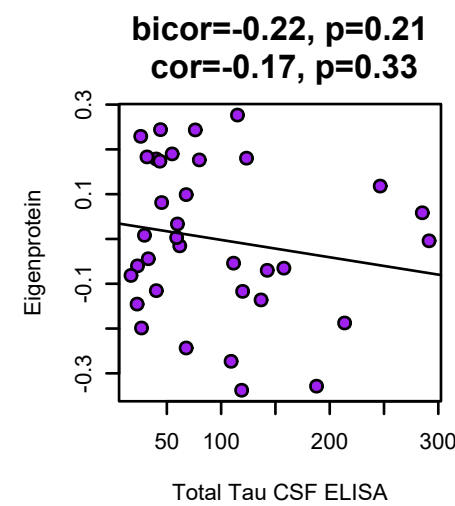
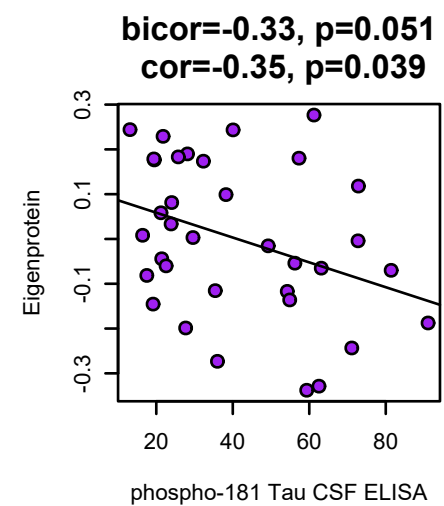
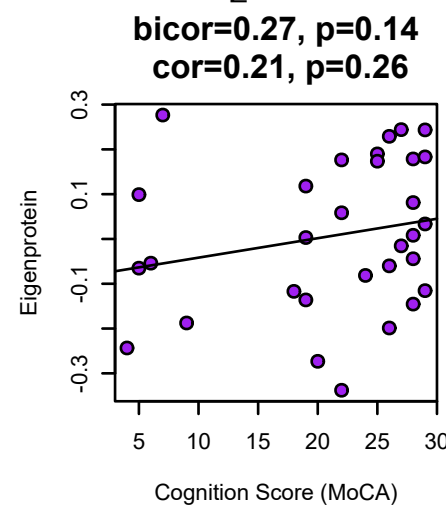
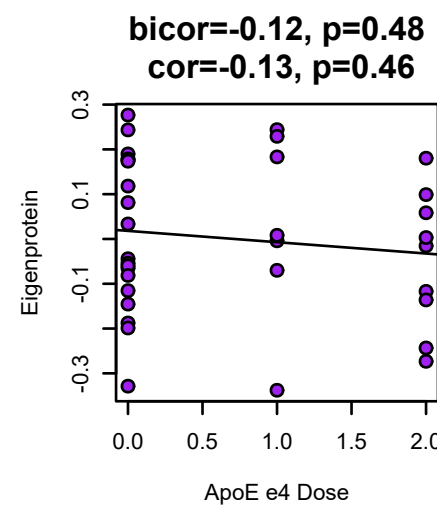
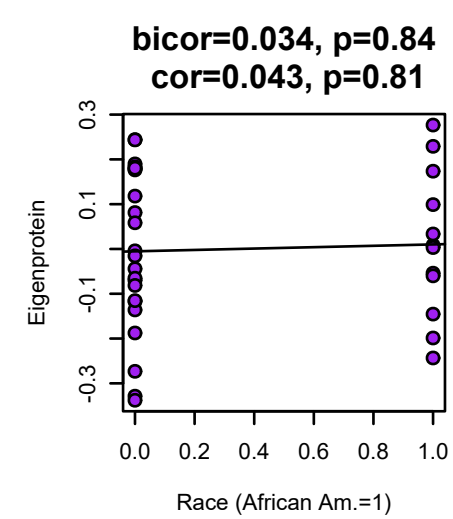
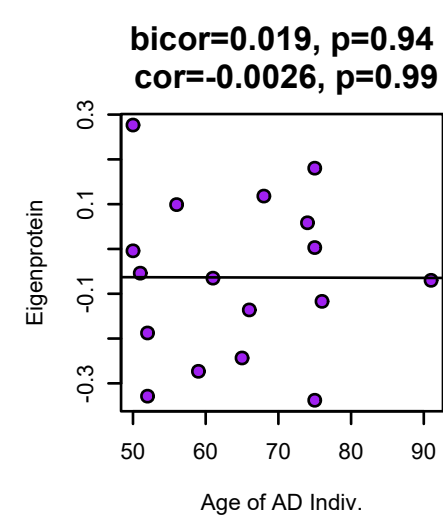
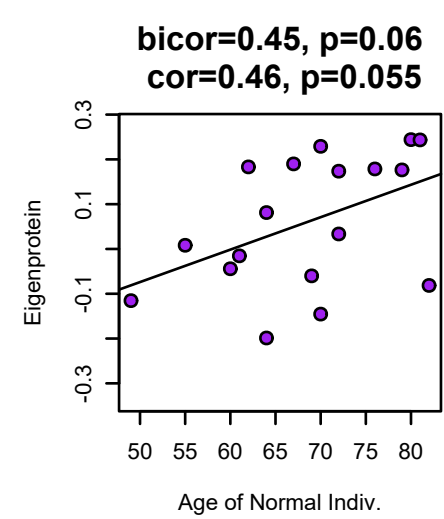
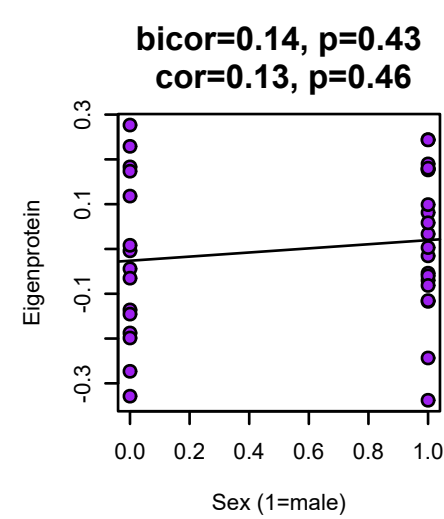
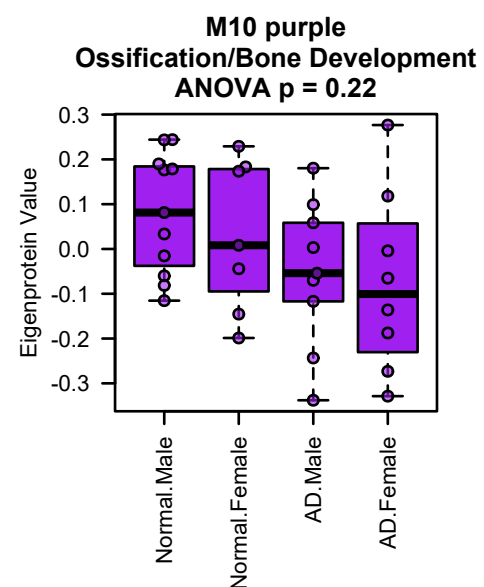
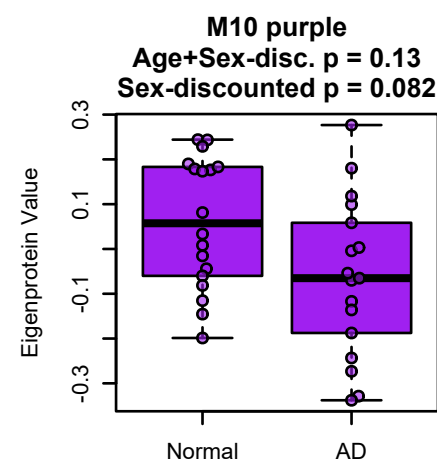
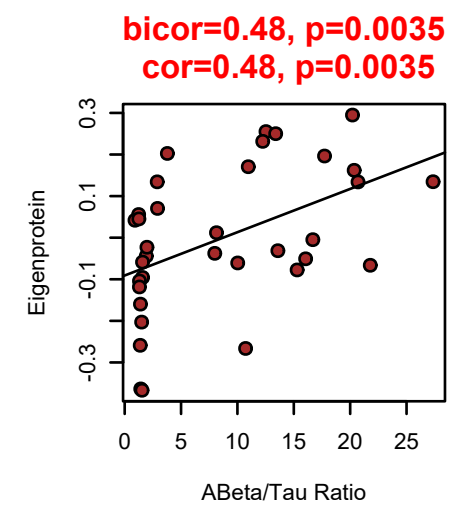
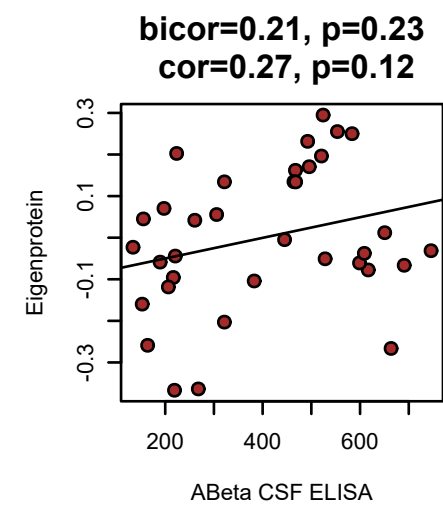
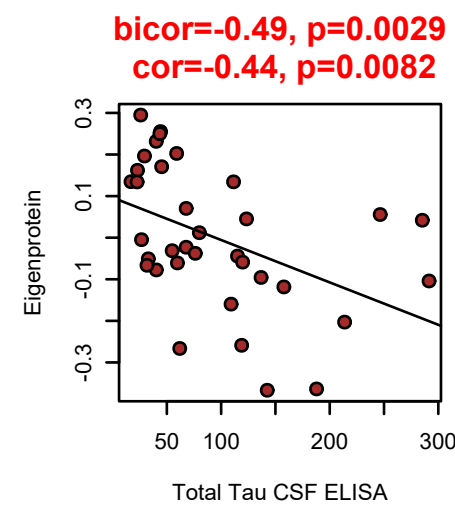
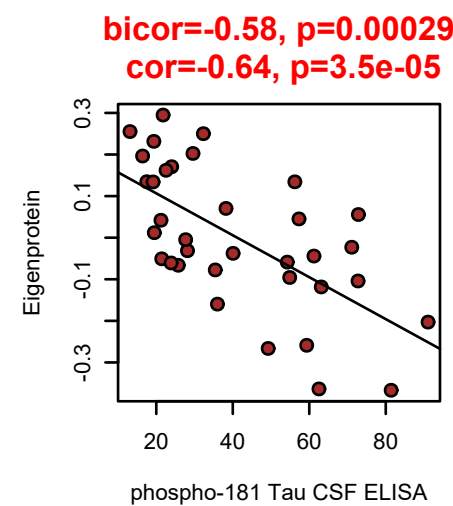
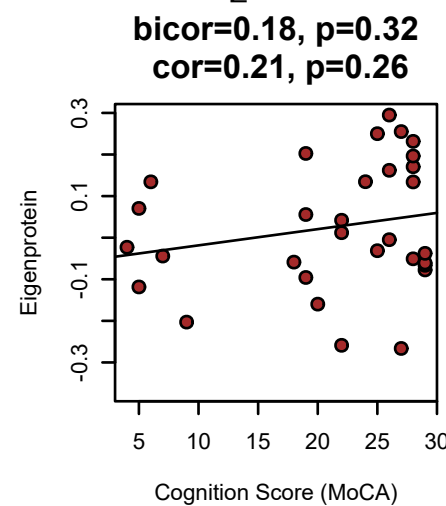
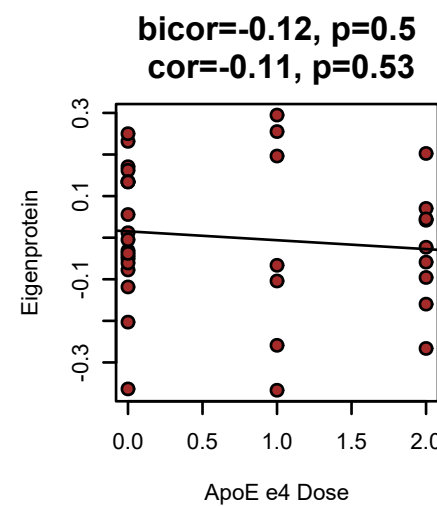
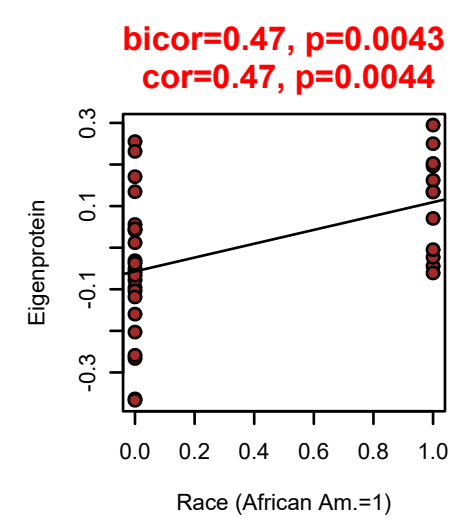
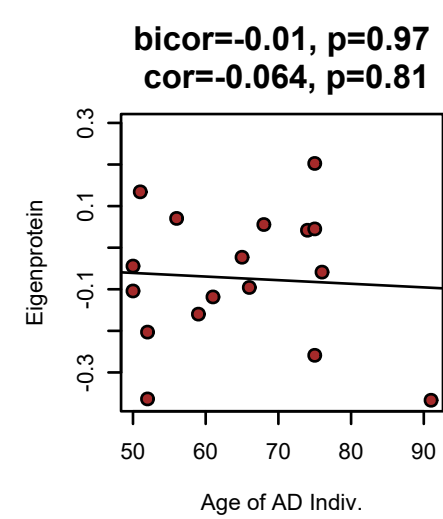
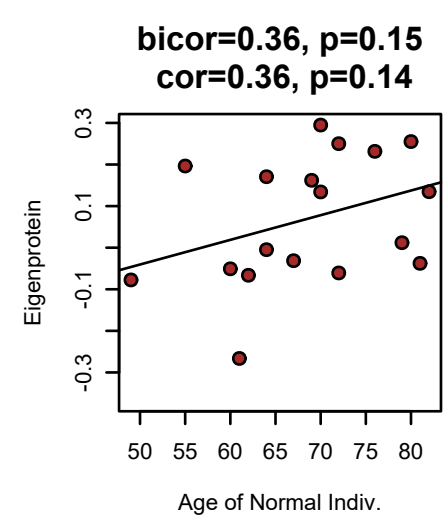
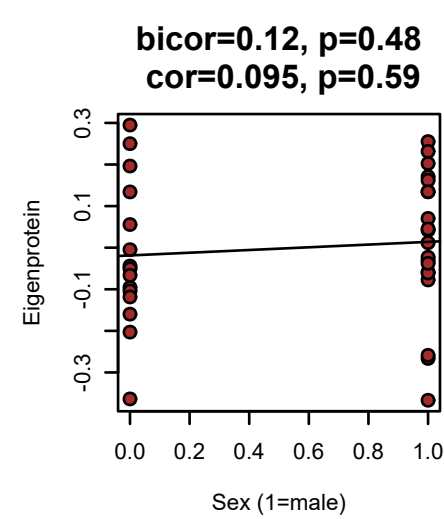
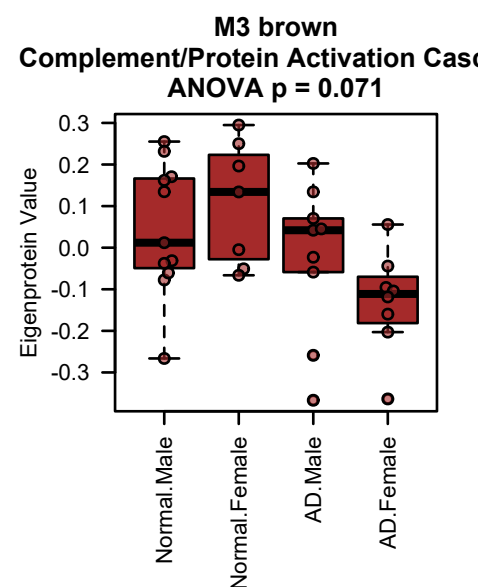
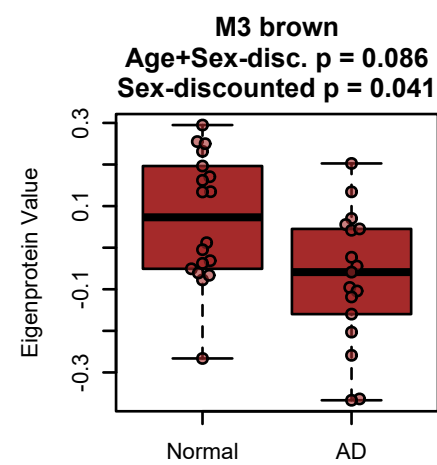
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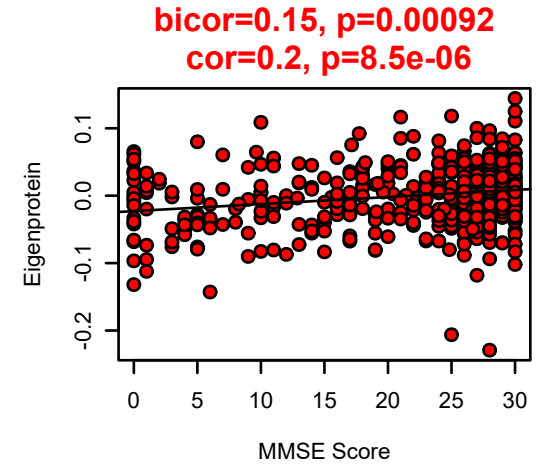
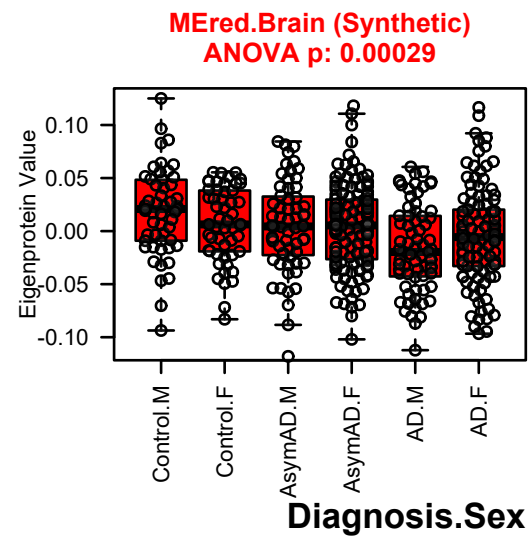
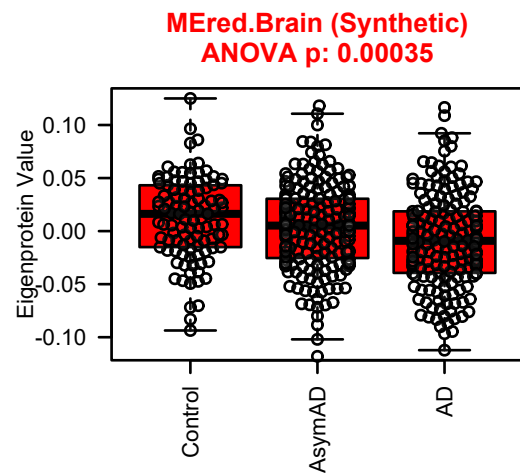
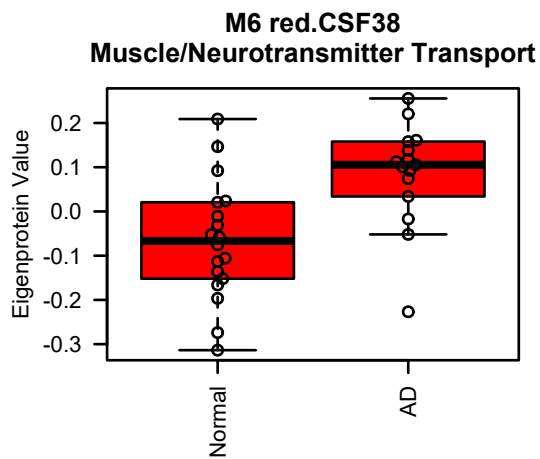
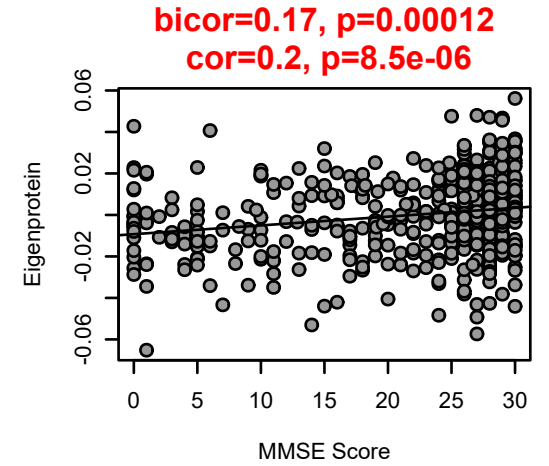
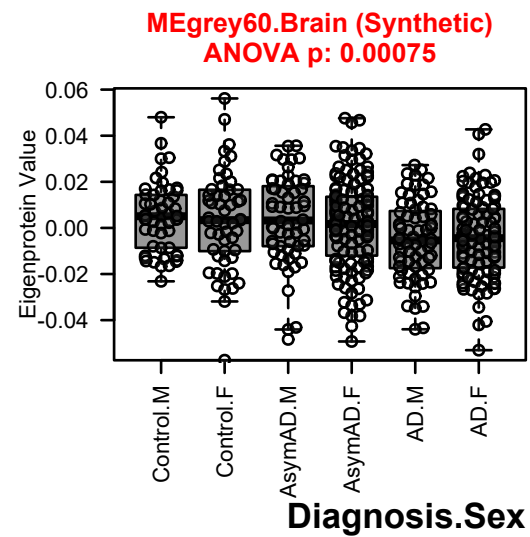
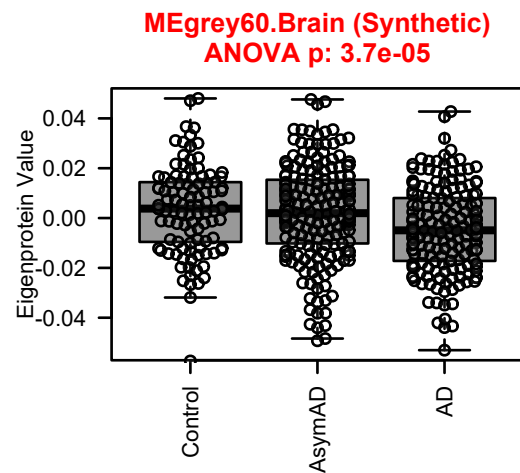
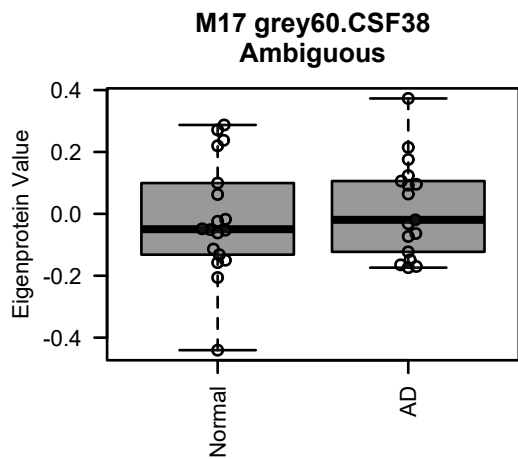
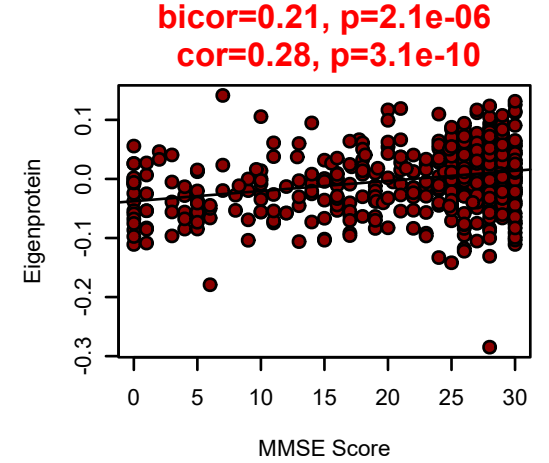
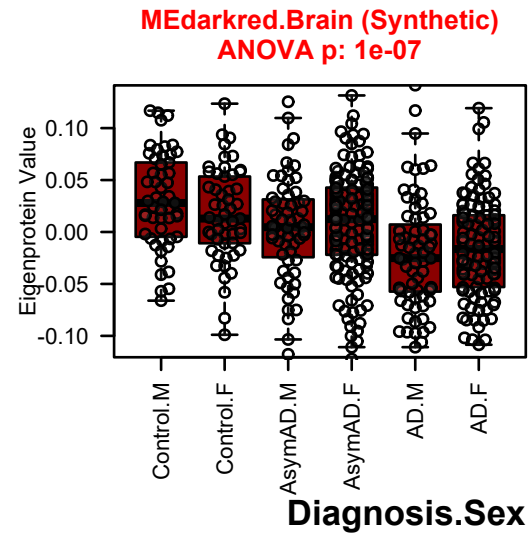
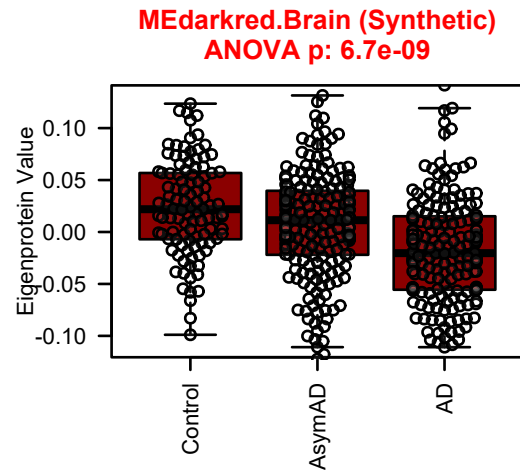
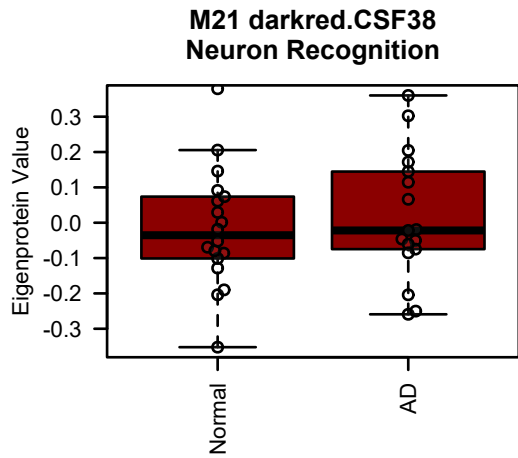
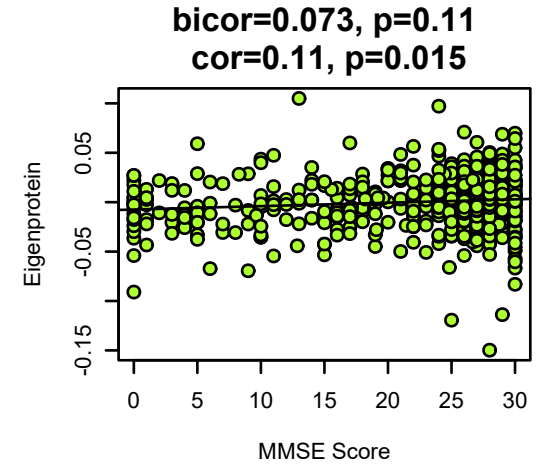
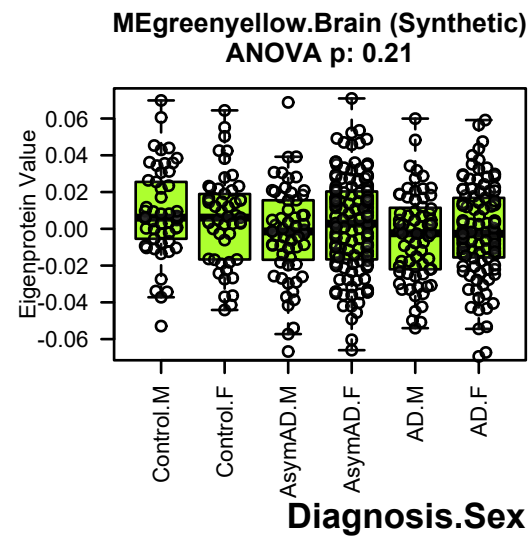
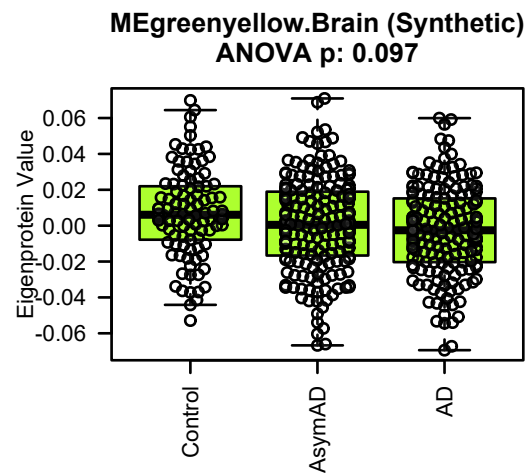
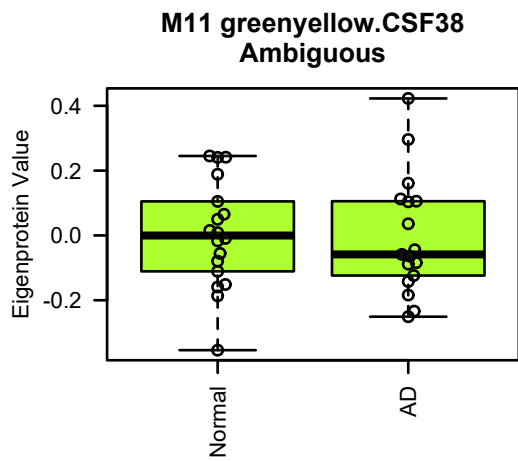


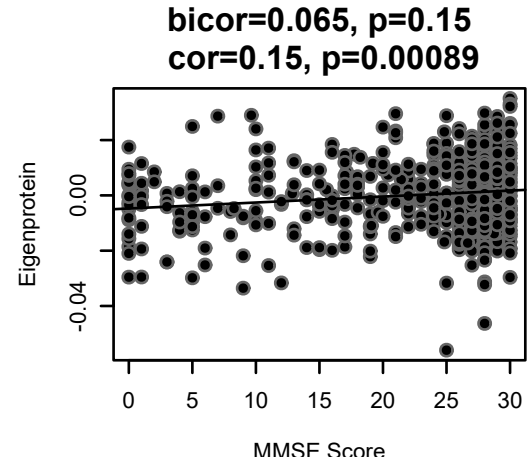
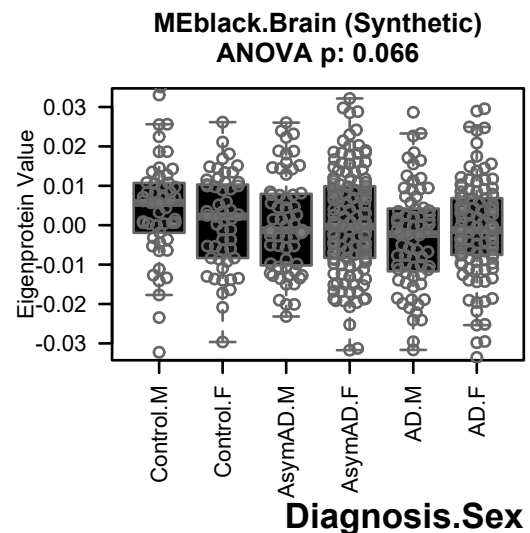
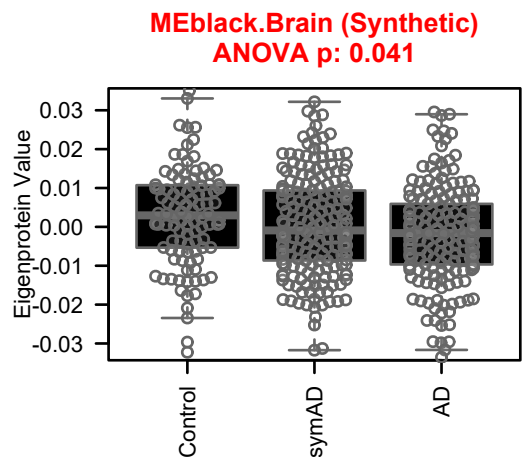
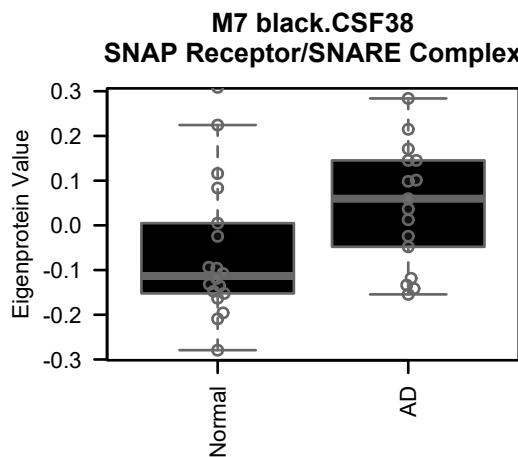
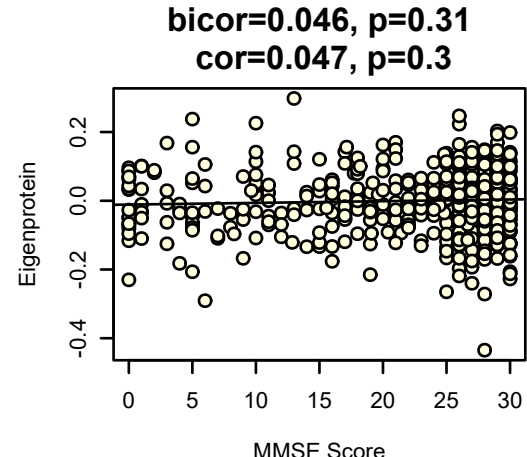
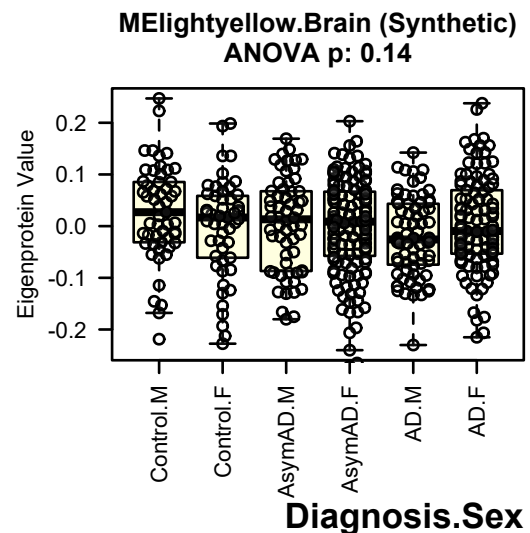
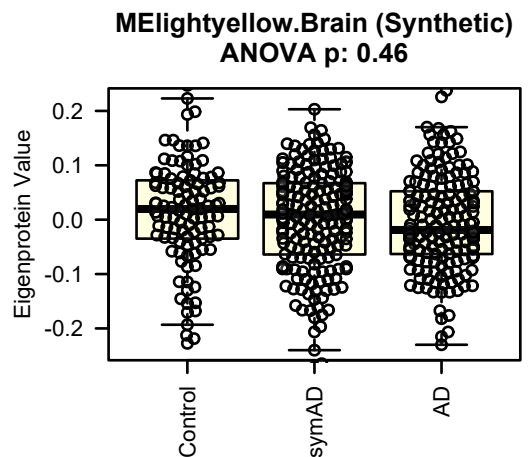
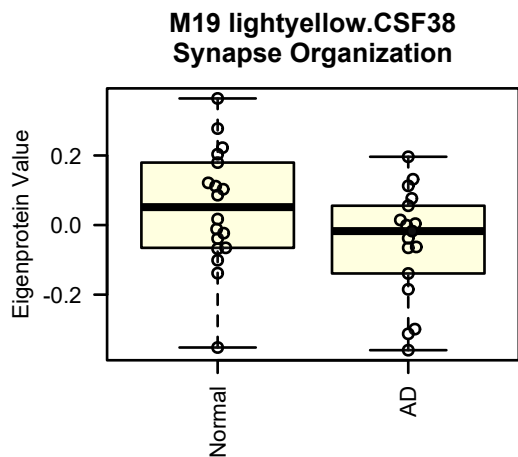
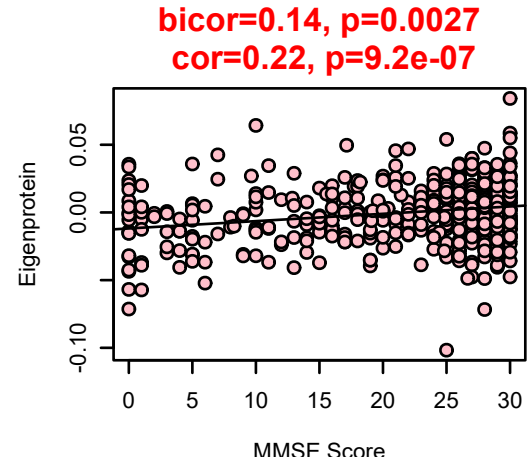
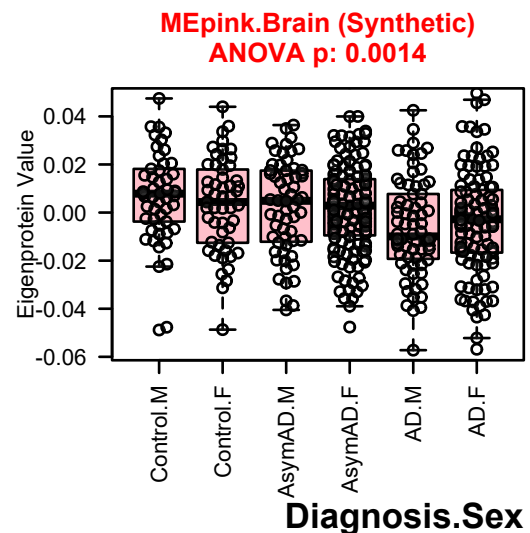
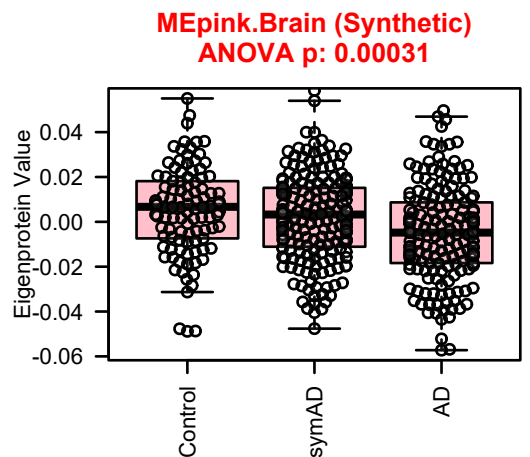
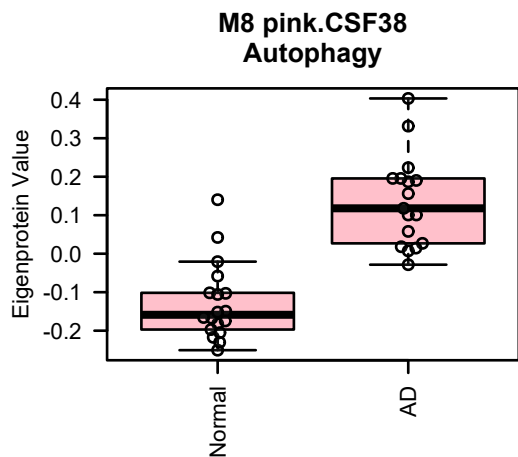
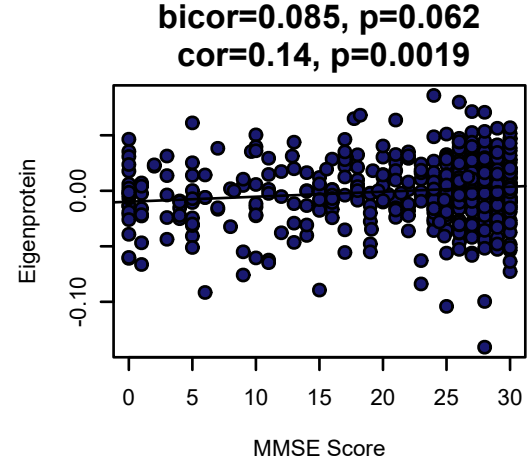
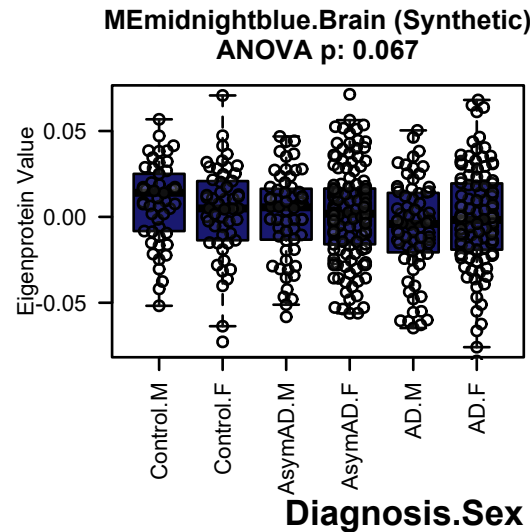
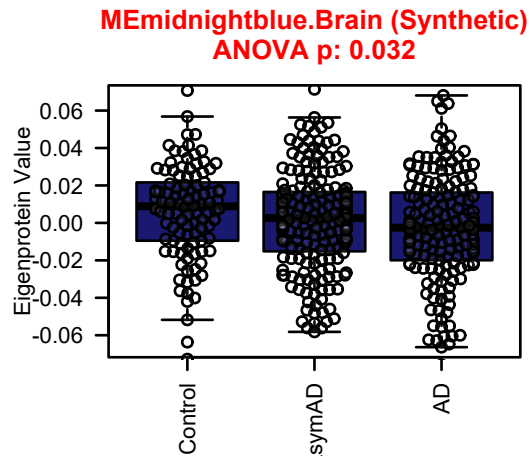
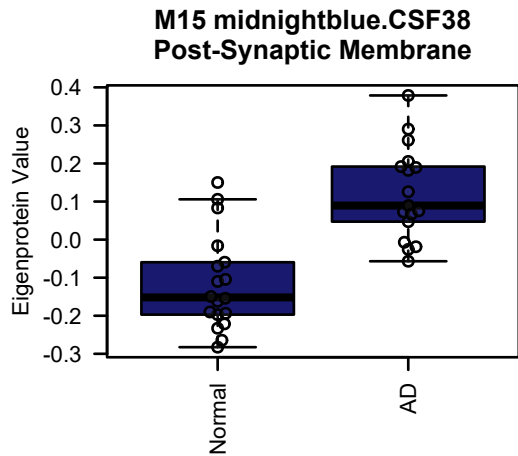
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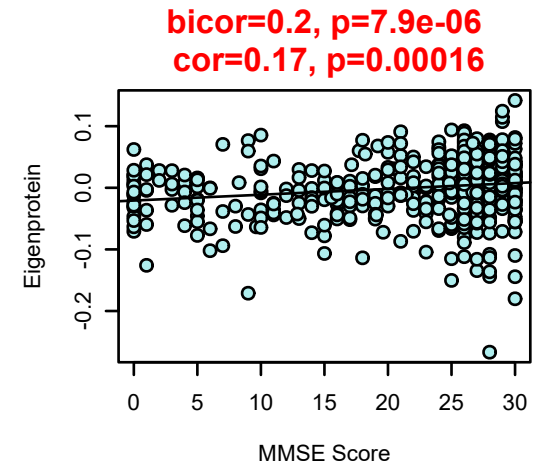
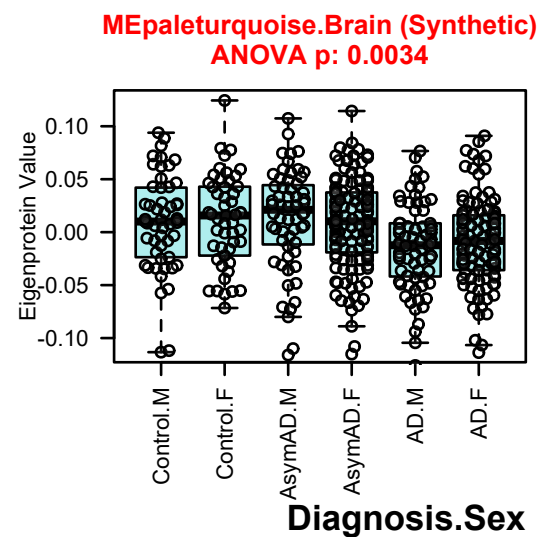
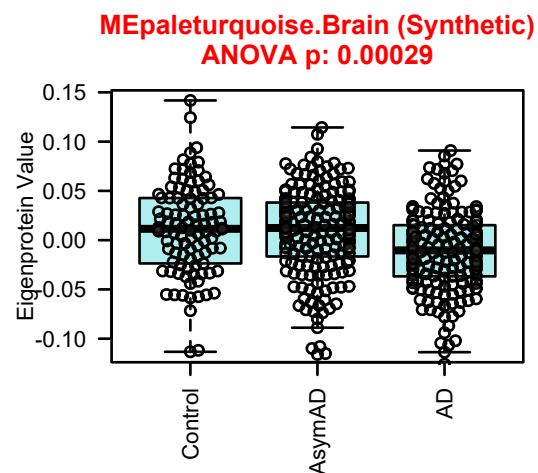
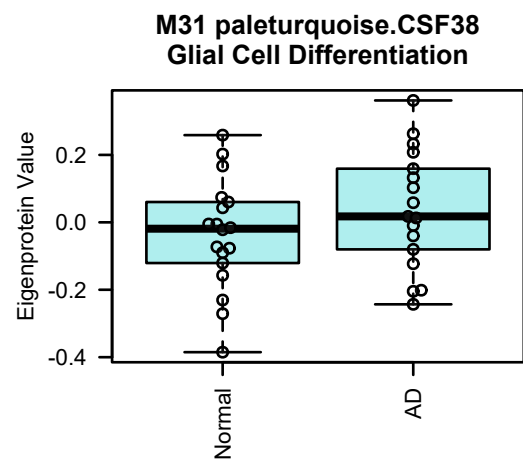
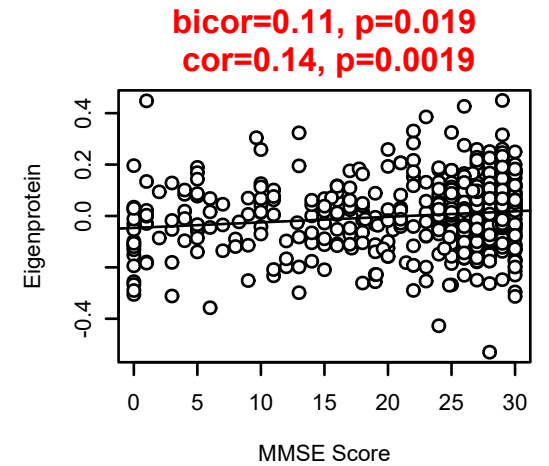
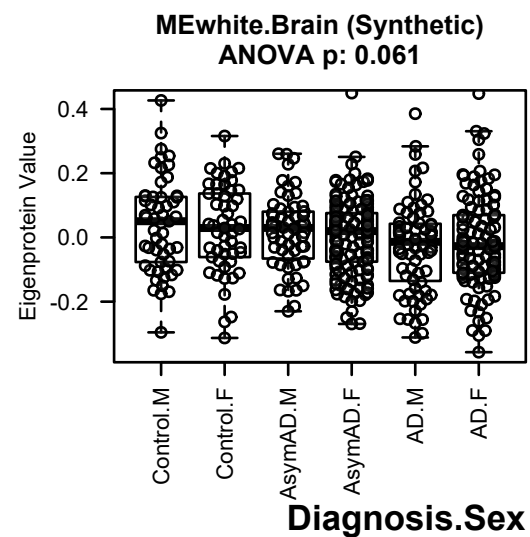
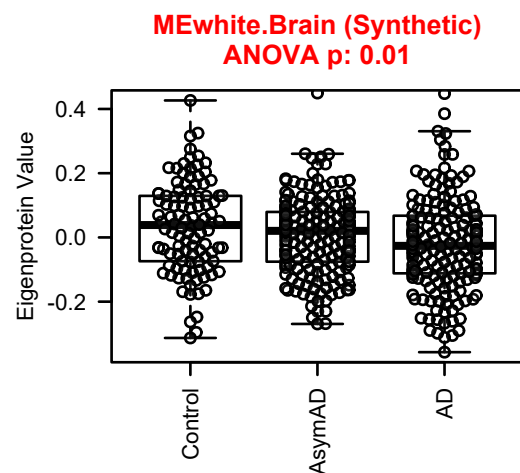
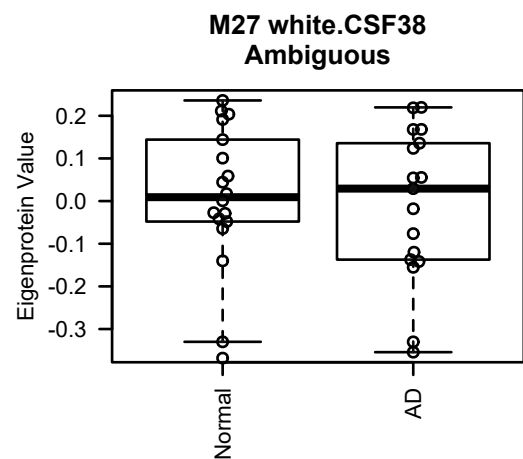
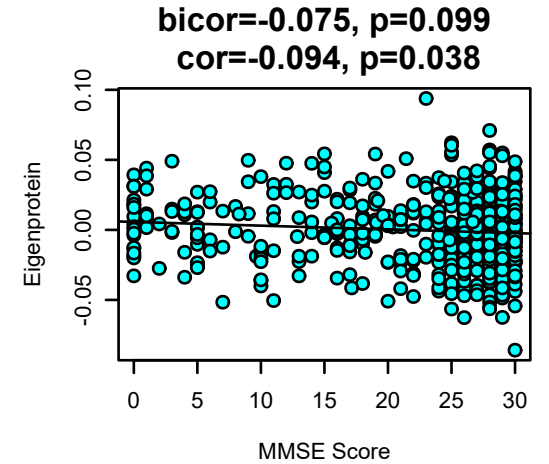
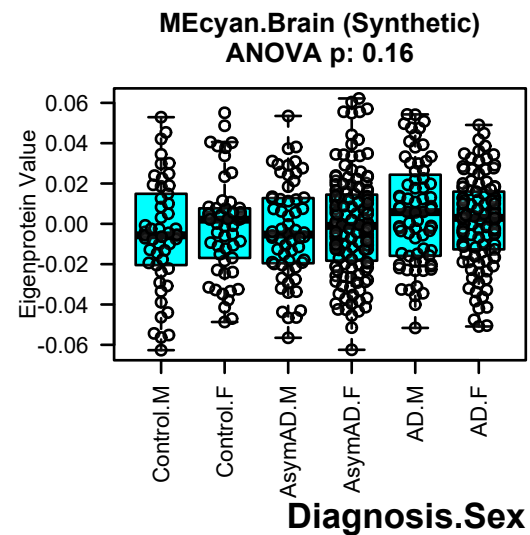
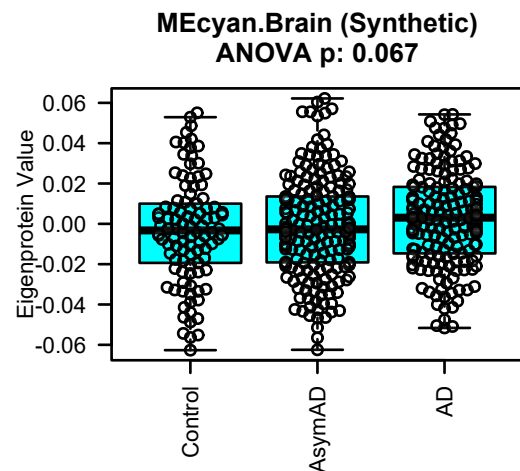
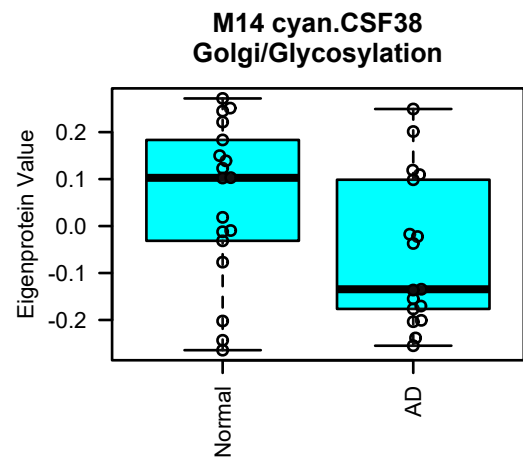
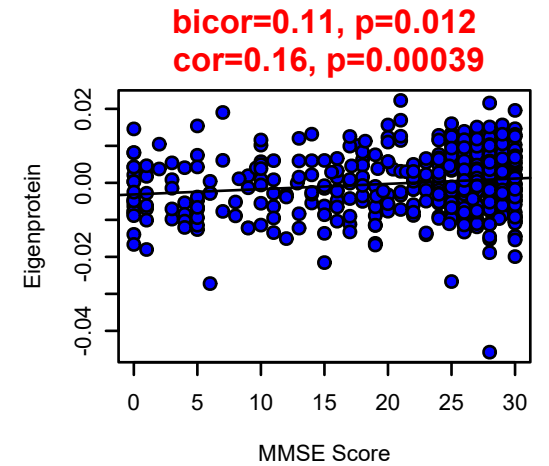
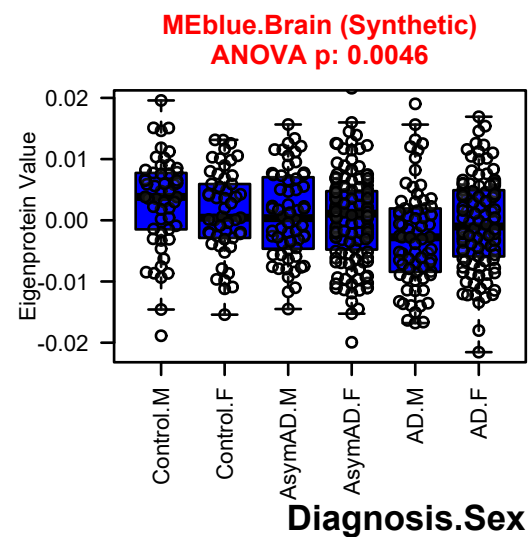
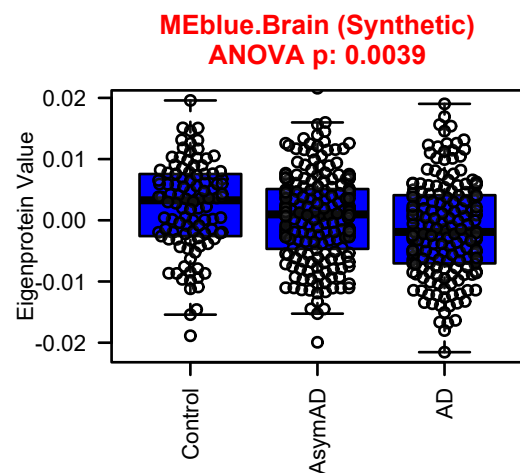
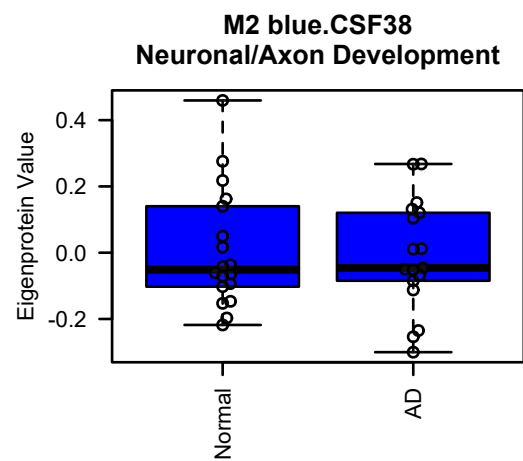


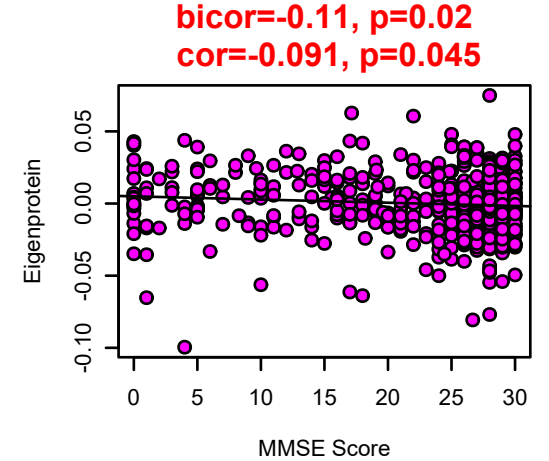
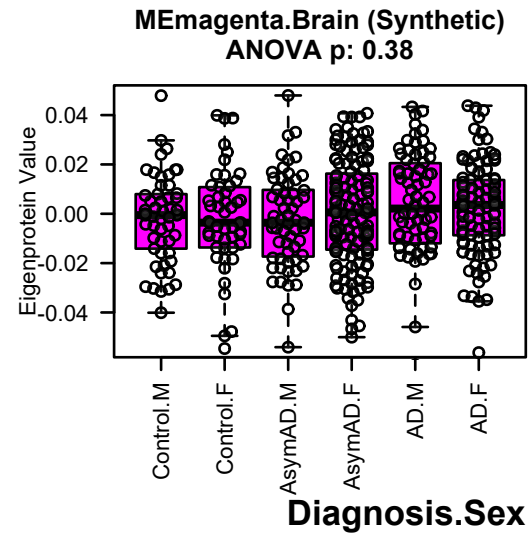
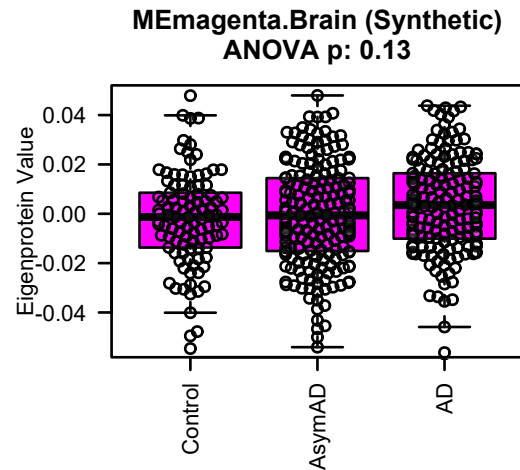
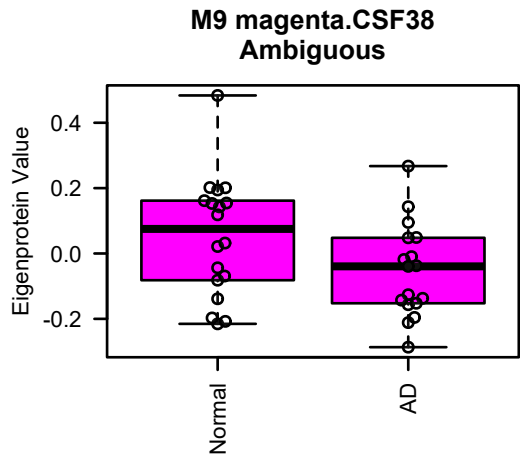
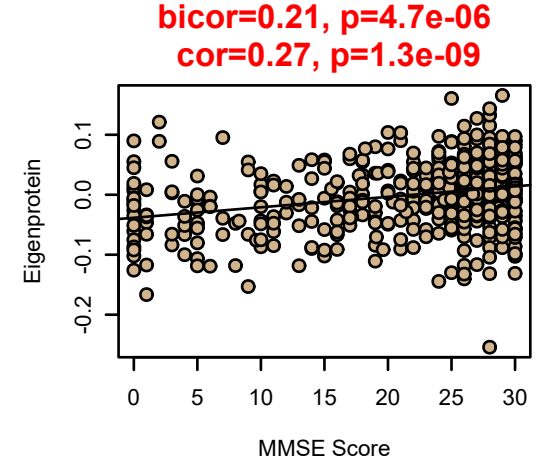
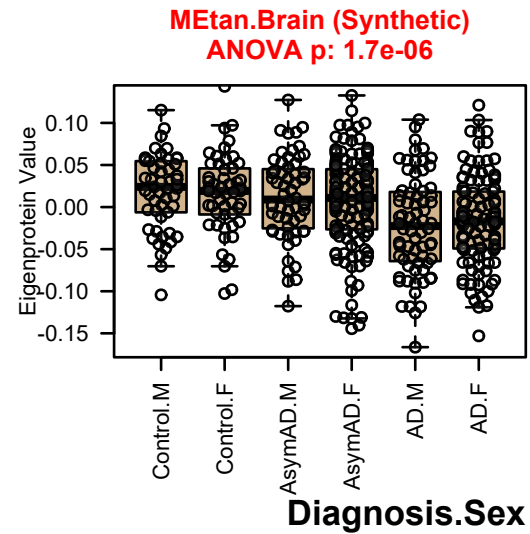
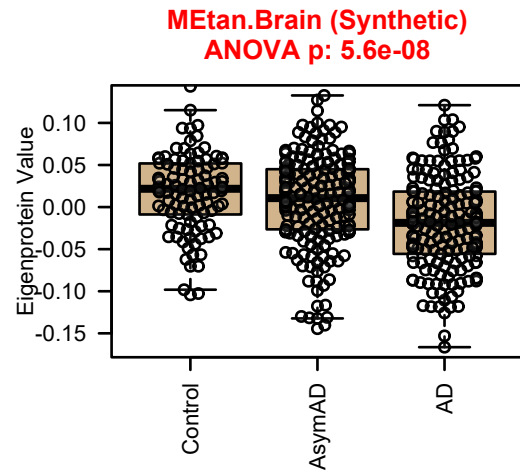
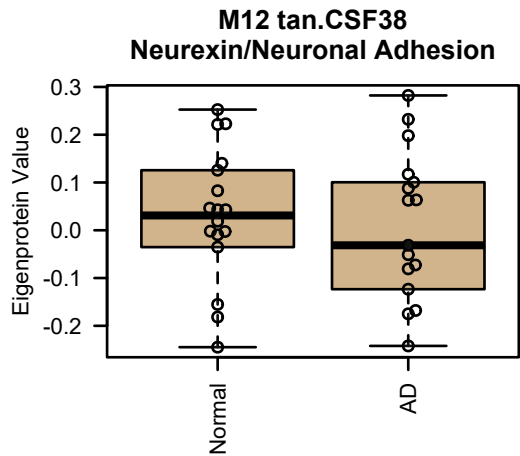
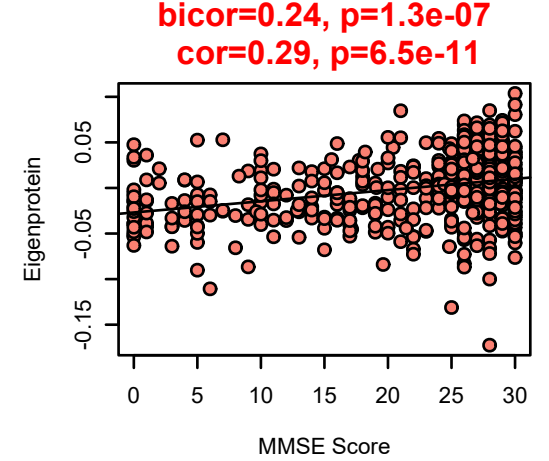
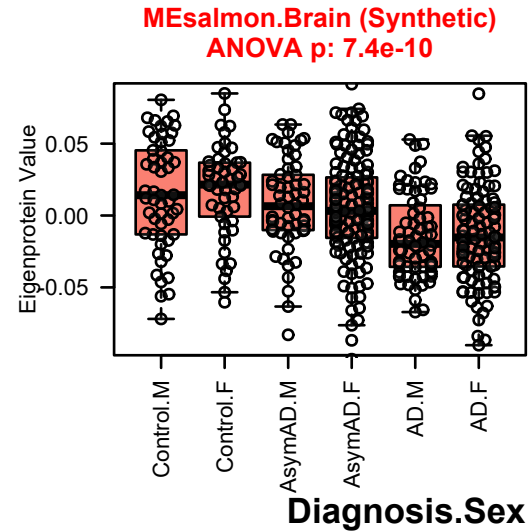
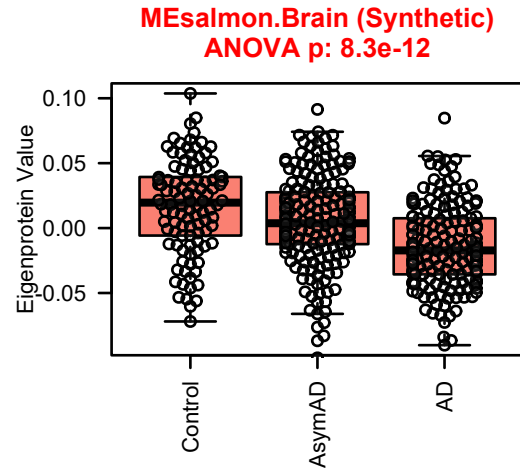
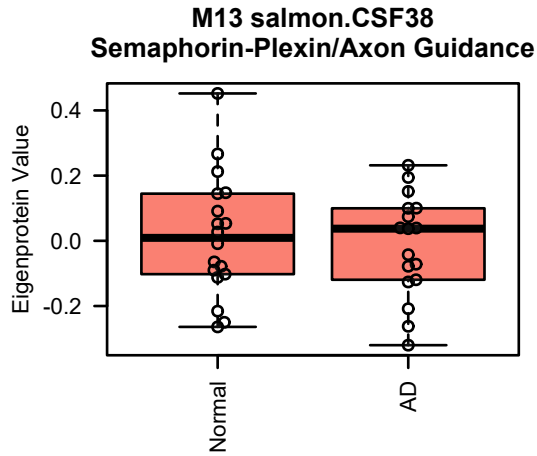
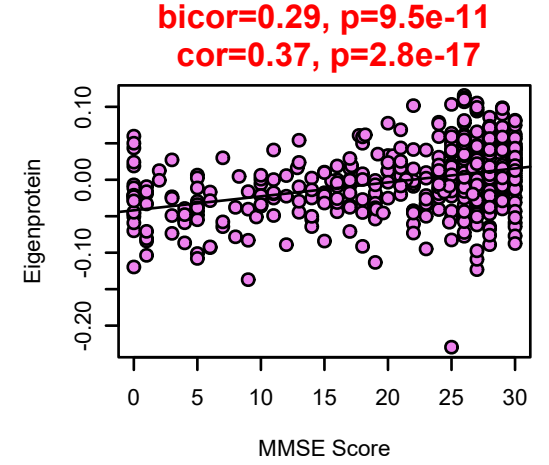
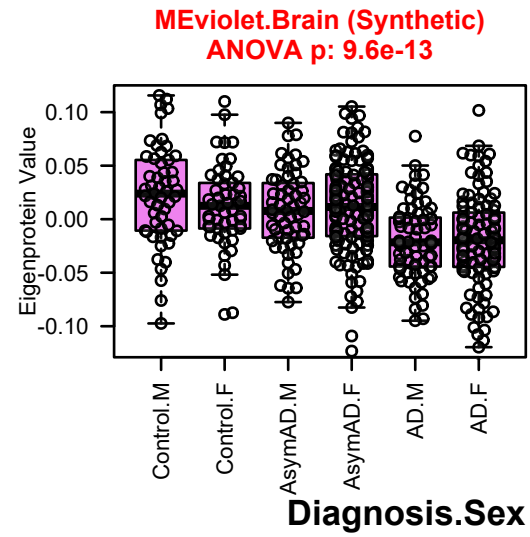
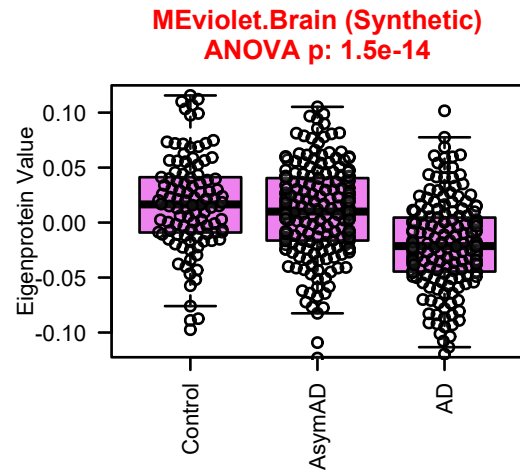
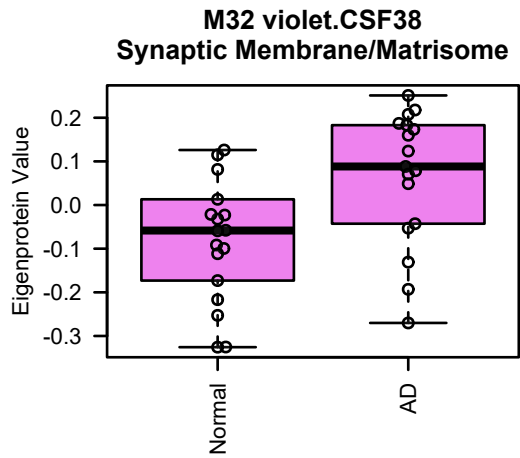




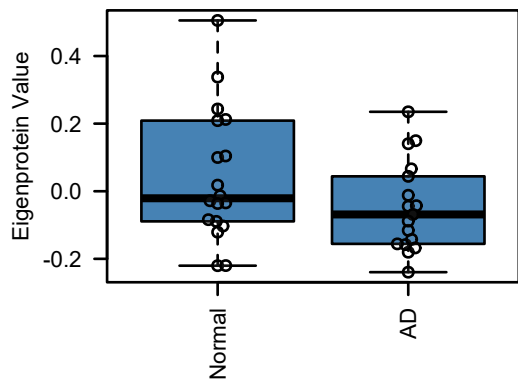




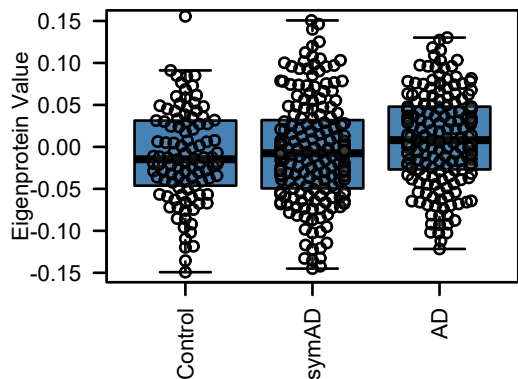




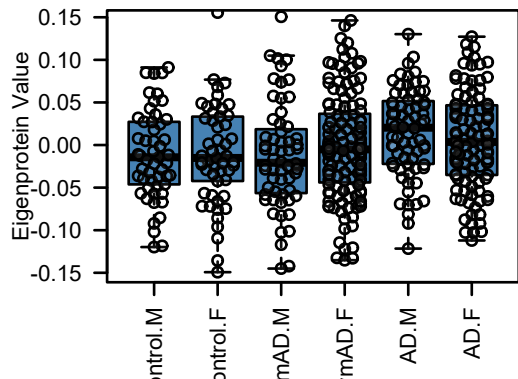
M30 steelblue.CSF38
Ribonucleoprotein Complex



MEsteelblue.Brain (Synthetic)
ANOVA p: 0.015

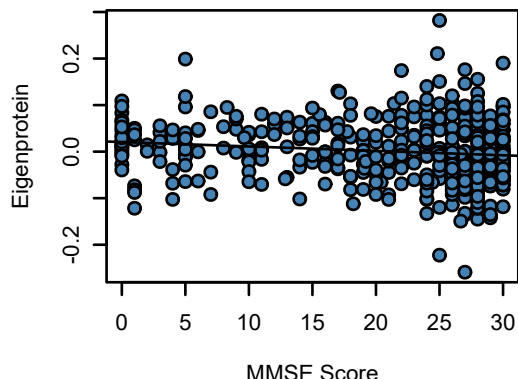


MEsteelblue.Brain (Synthetic)
ANOVA p: 0.075

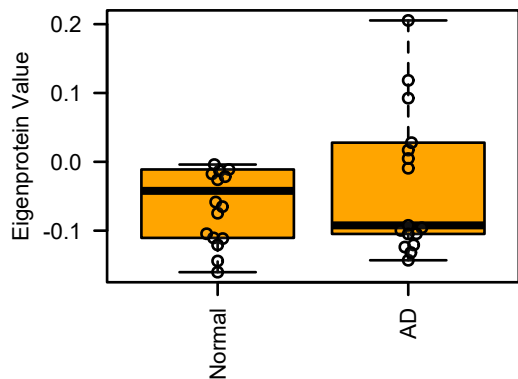


Diagnosis.Sex

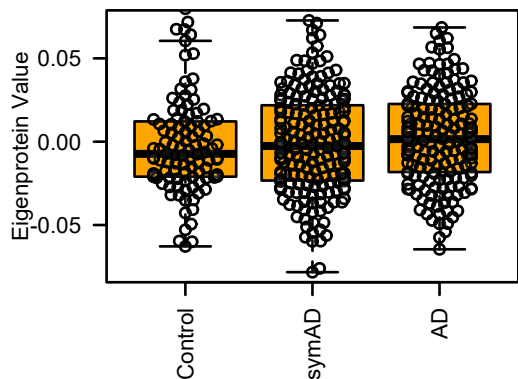
bicor=-0.14, p=0.0027
cor=-0.13, p=0.004



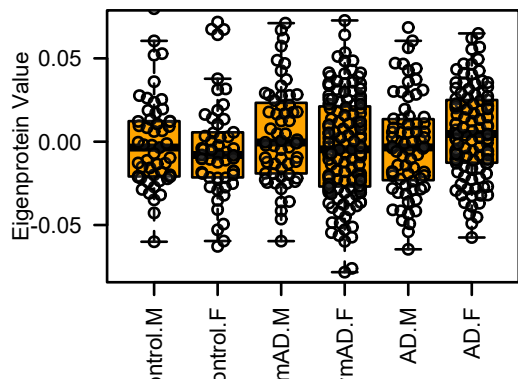
M25 orange.CSF38
Ambiguous



MEorange.Brain (Synthetic)
ANOVA p: 0.24

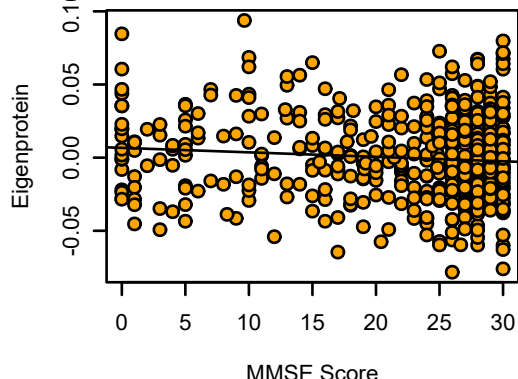


MEorange.Brain (Synthetic)
ANOVA p: 0.082

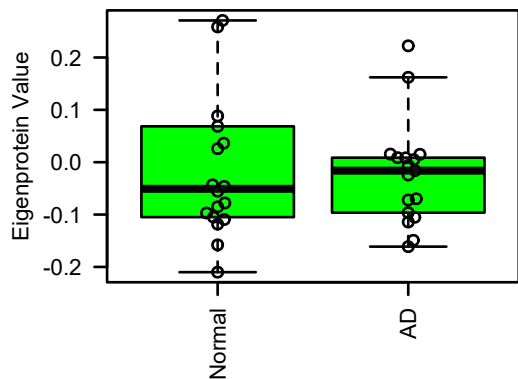


Diagnosis.Sex

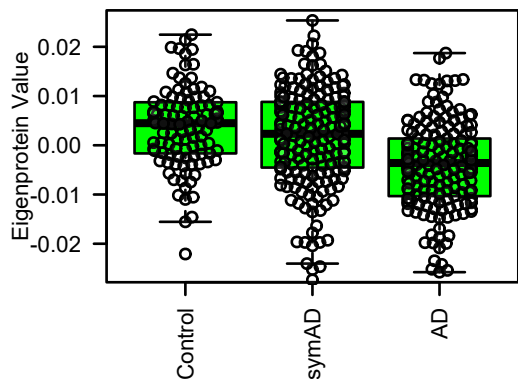
bicor=-0.082, p=0.071
cor=-0.093, p=0.04



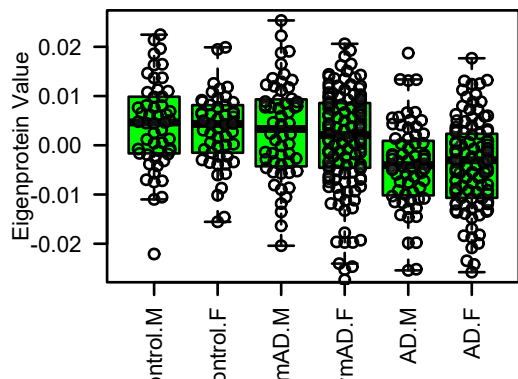
M5 green.CSF38
Compound Metabolism/Heat Shock Protein Bi



MEgreen.Brain (Synthetic)
ANOVA p: 1.5e-12

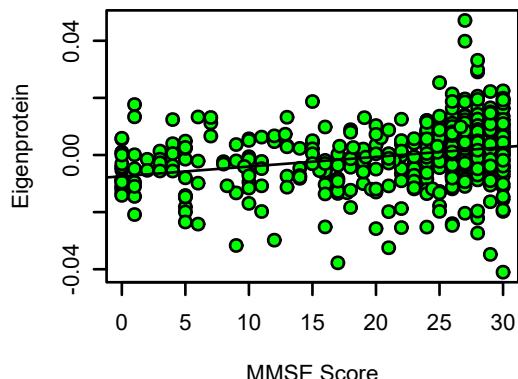


MEgreen.Brain (Synthetic)
ANOVA p: 1.1e-10

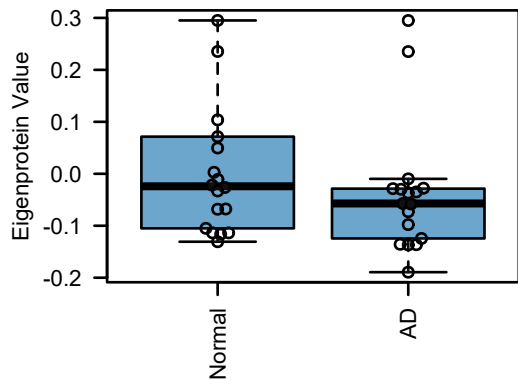


Diagnosis.Sex

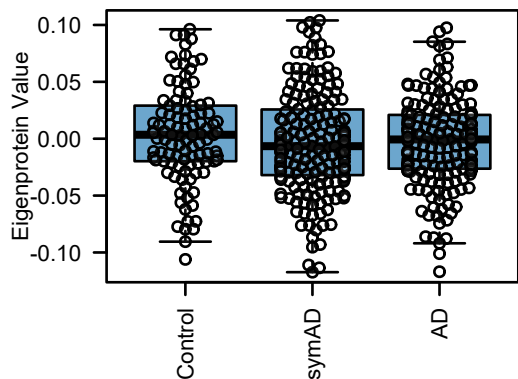
bicor=0.29, p=1.4e-10
cor=0.28, p=3.1e-10



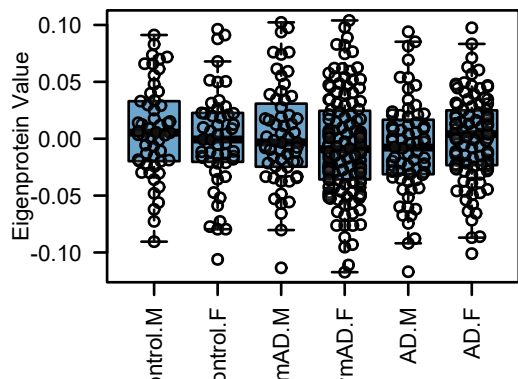
M37 skyblue3.CSF38
RNA Binding/Metabolism



MEskyblue3.Brain (Synthetic)
ANOVA p: 0.32

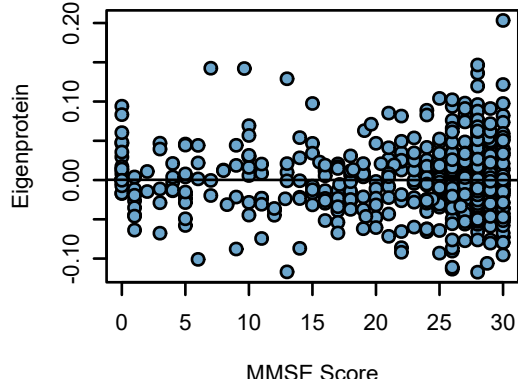


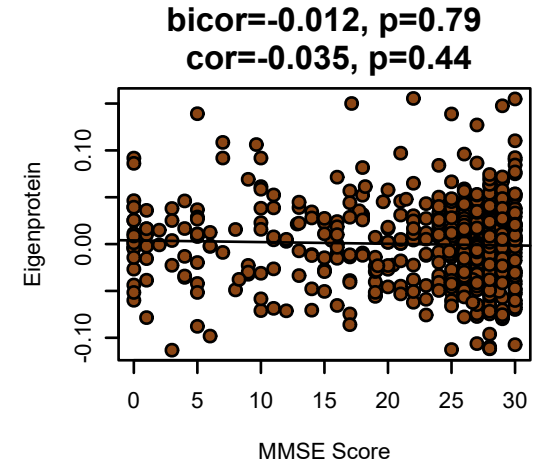
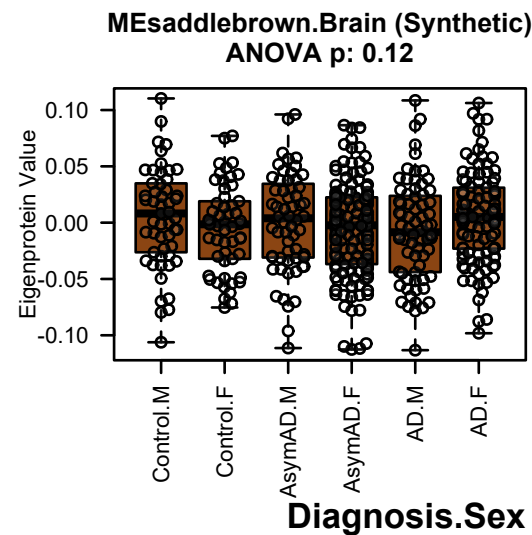
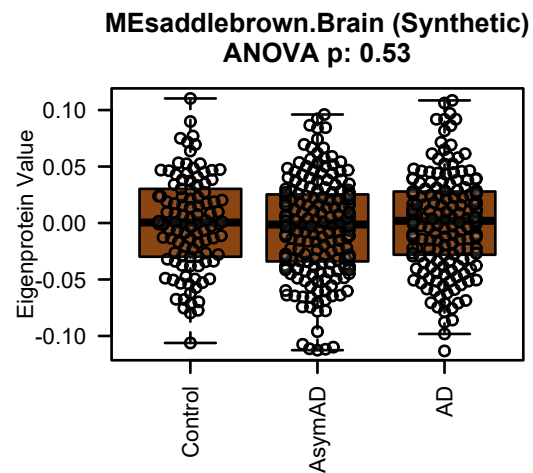
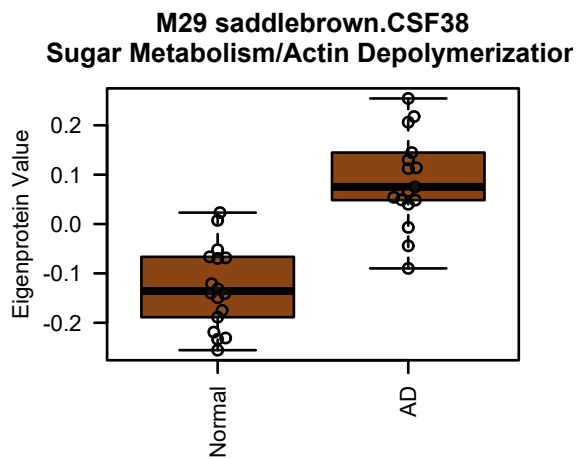
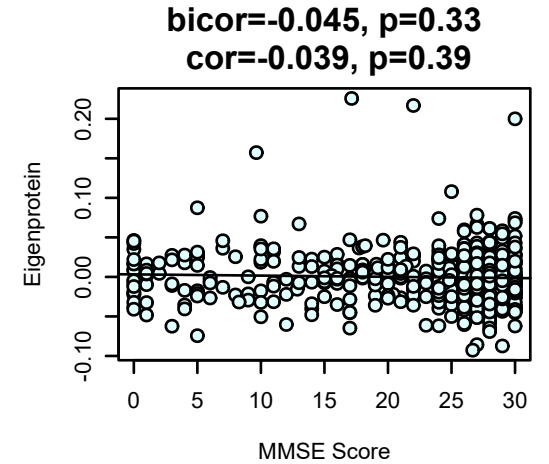
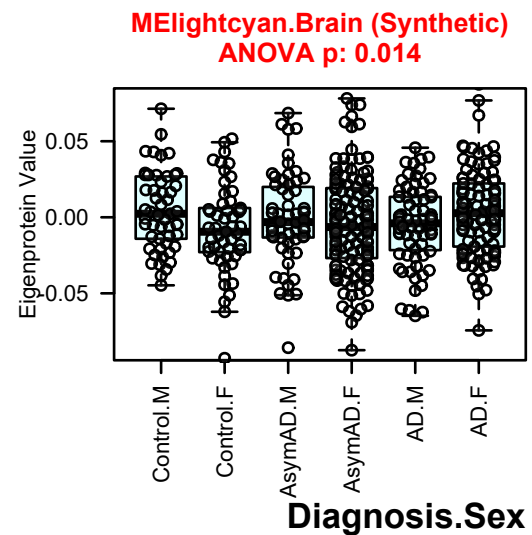
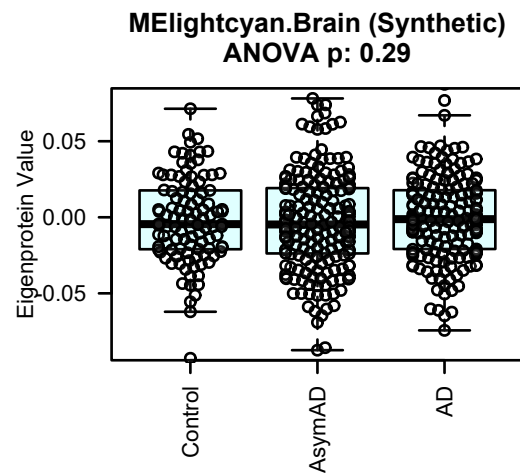
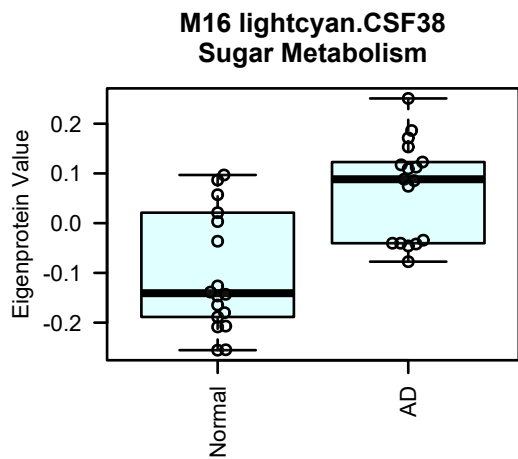
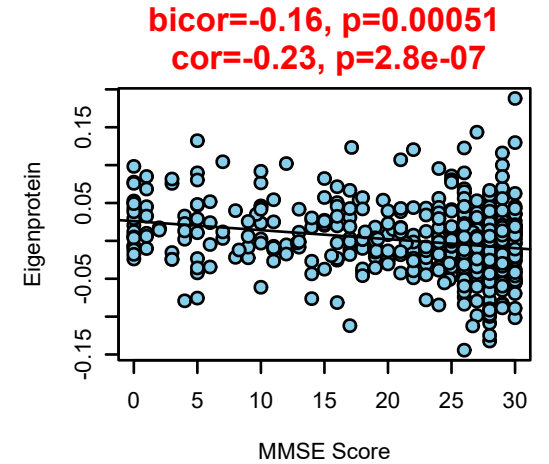
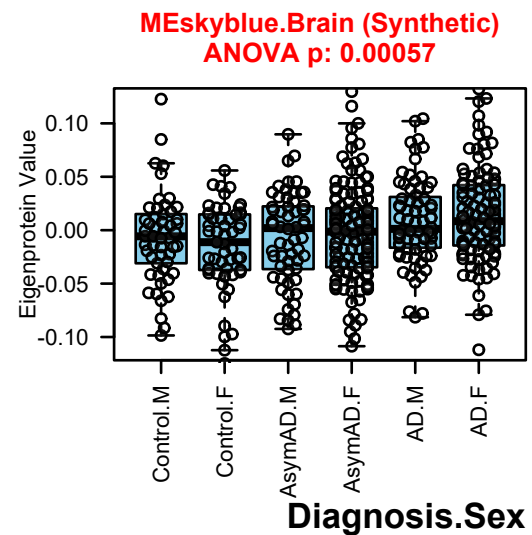
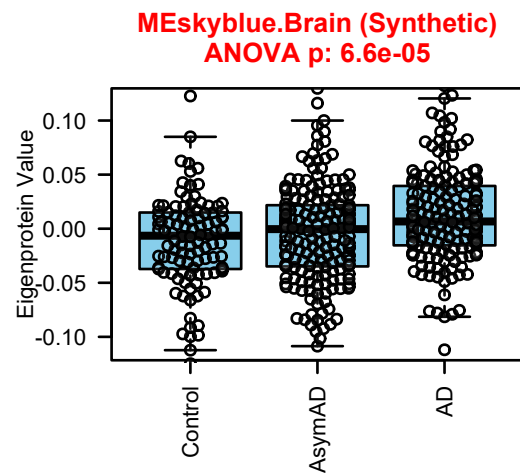
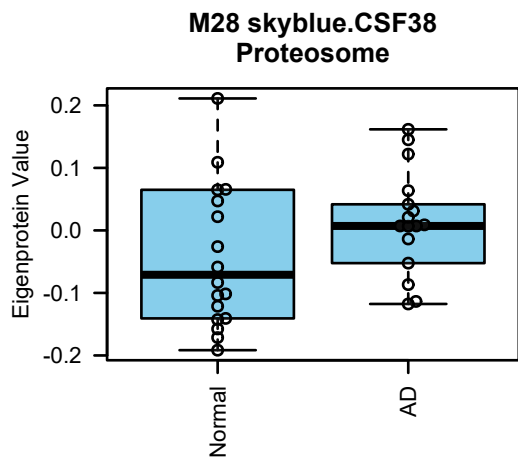
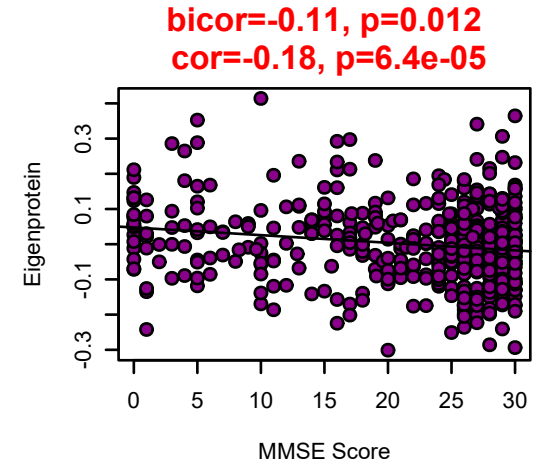
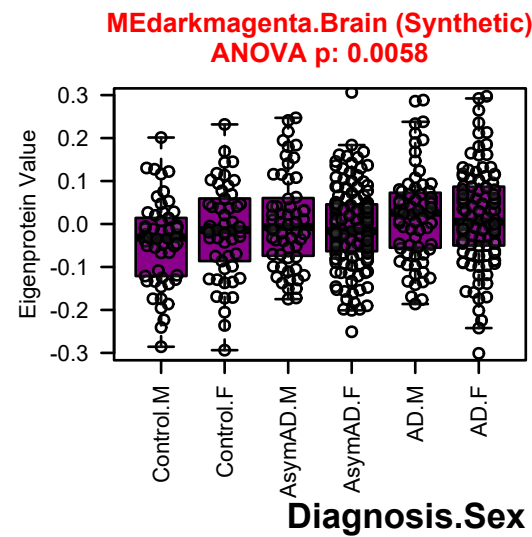
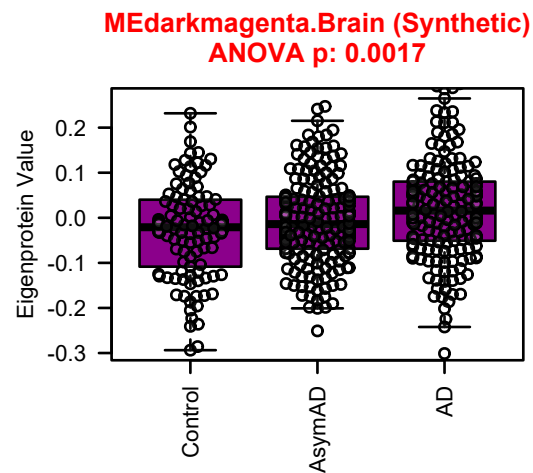
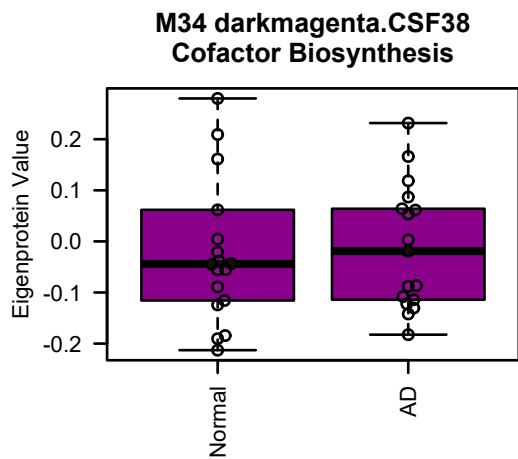
MEskyblue3.Brain (Synthetic)
ANOVA p: 0.42

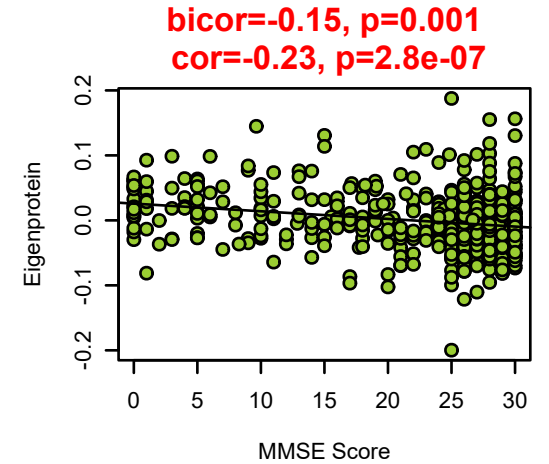
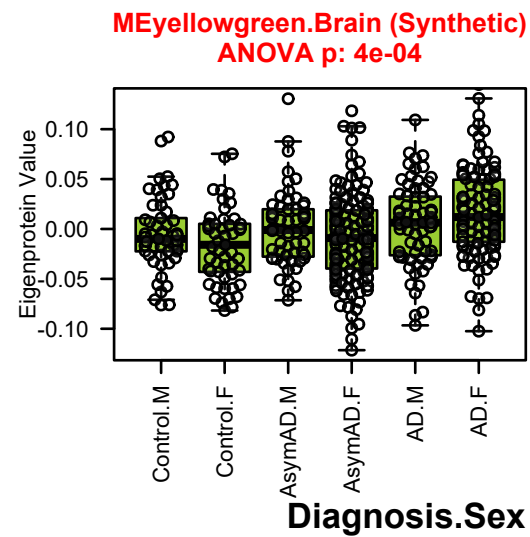
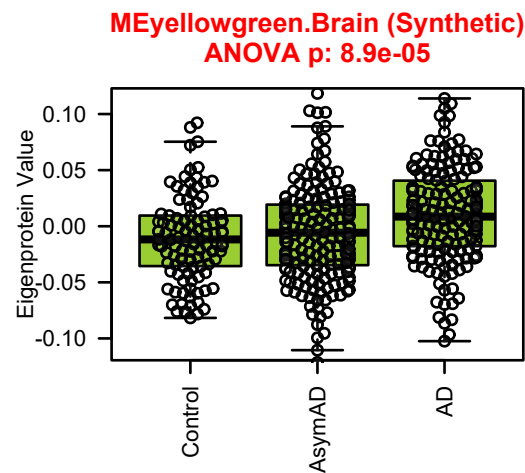
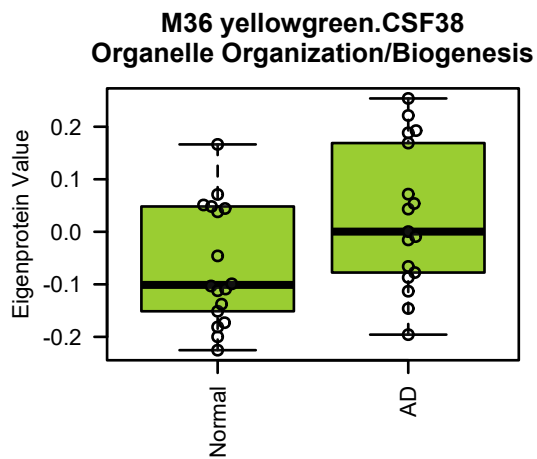
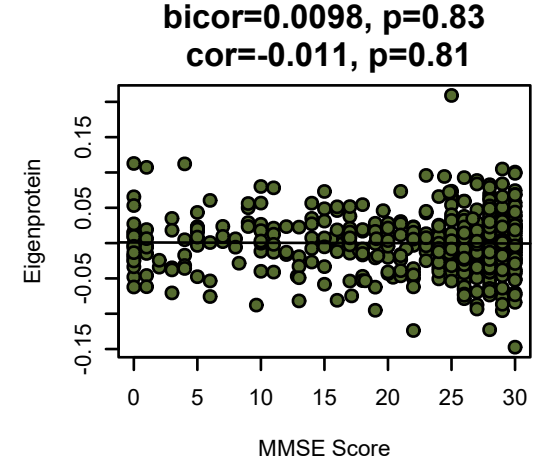
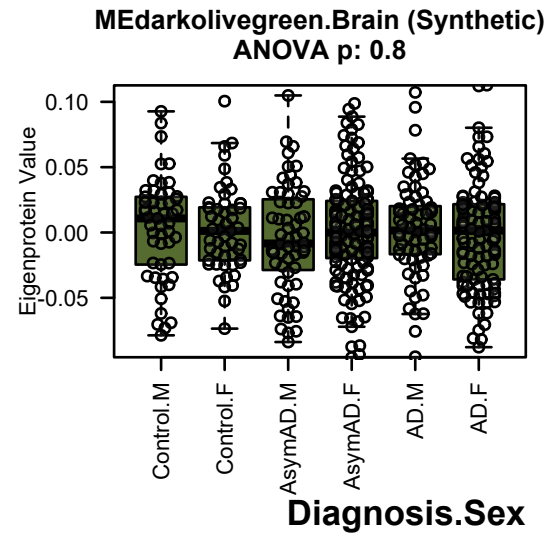
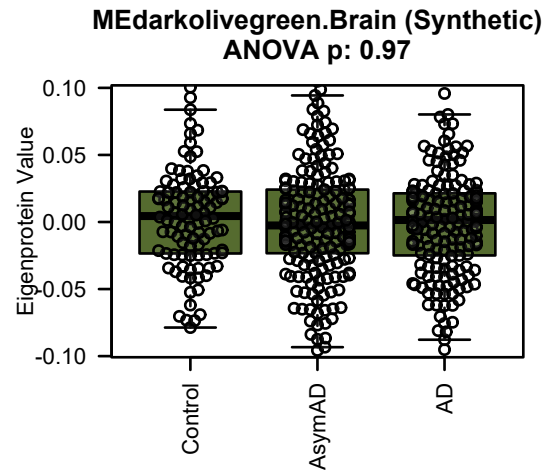
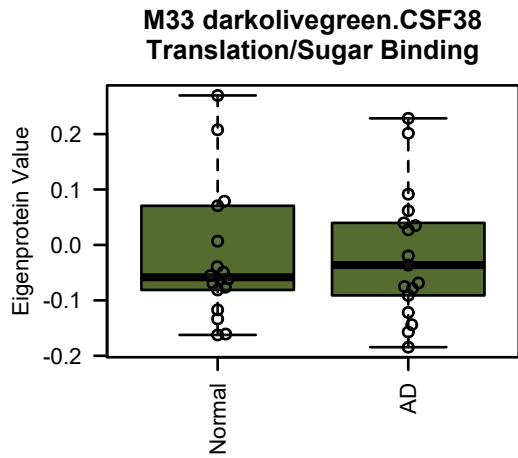
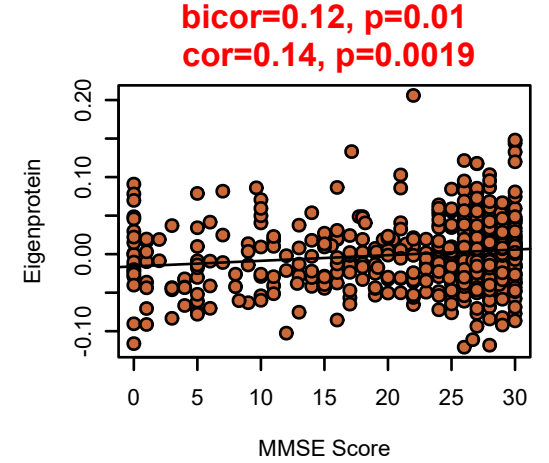
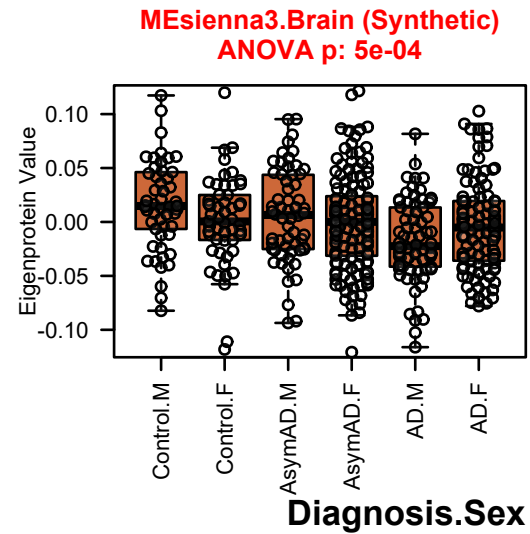
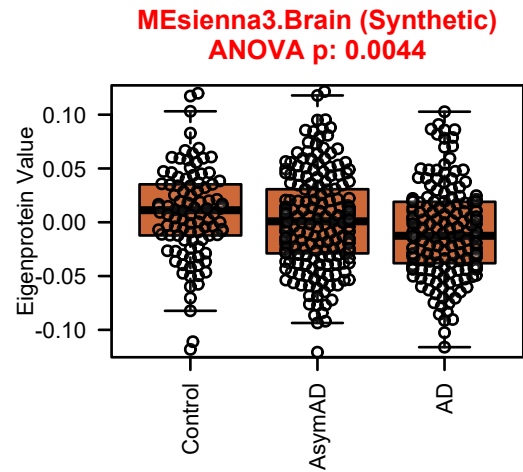
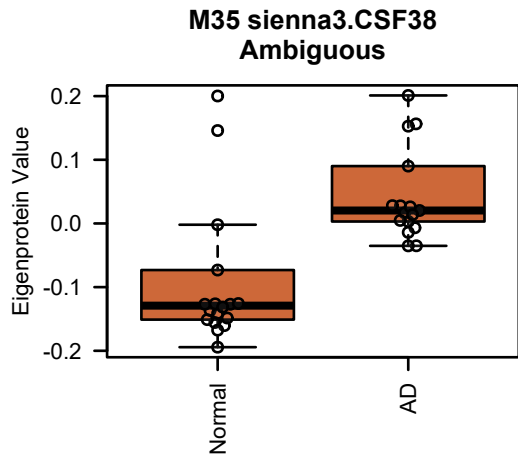
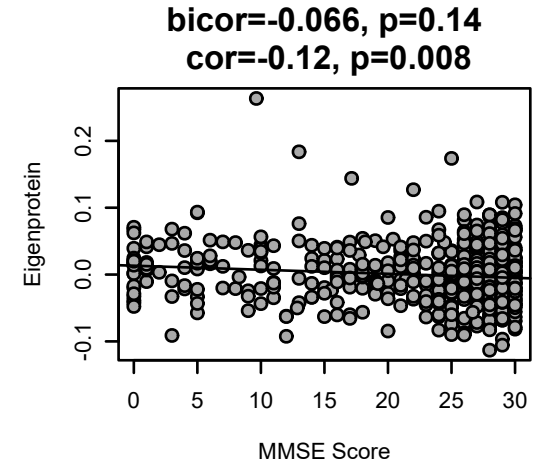
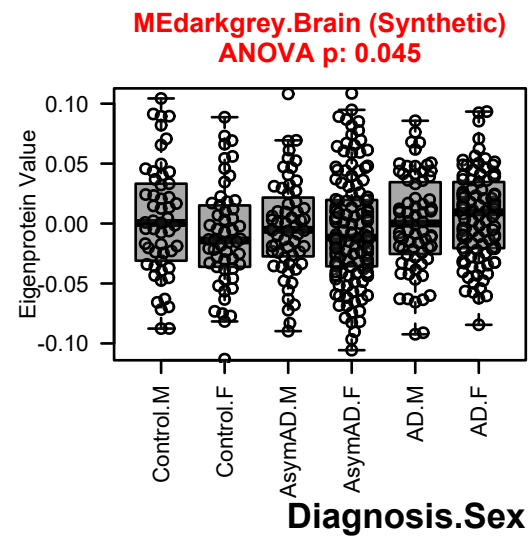
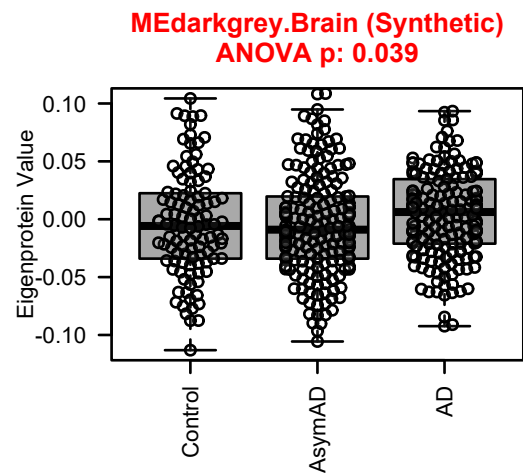
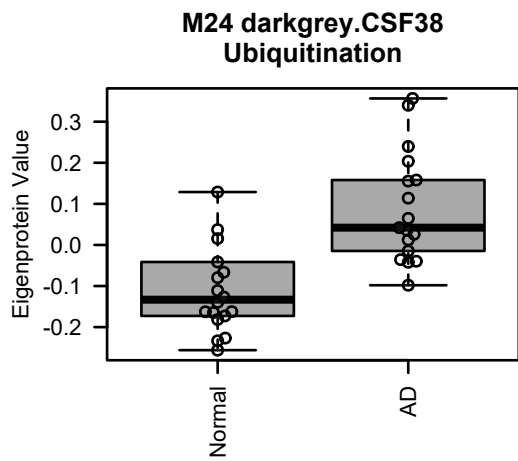


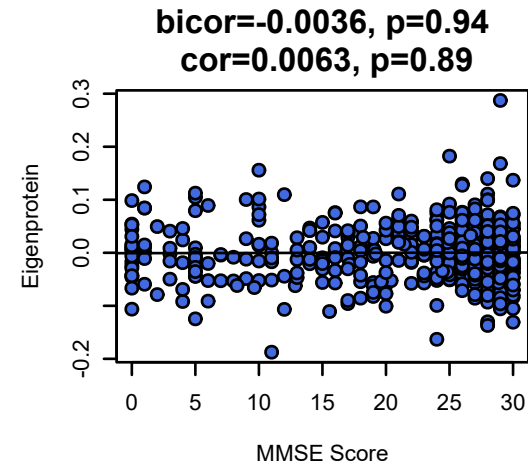
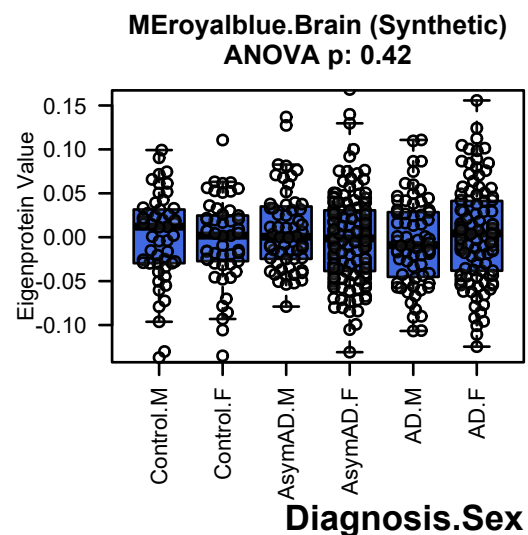
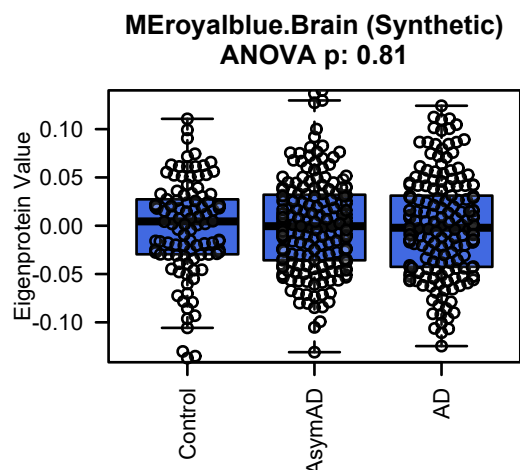
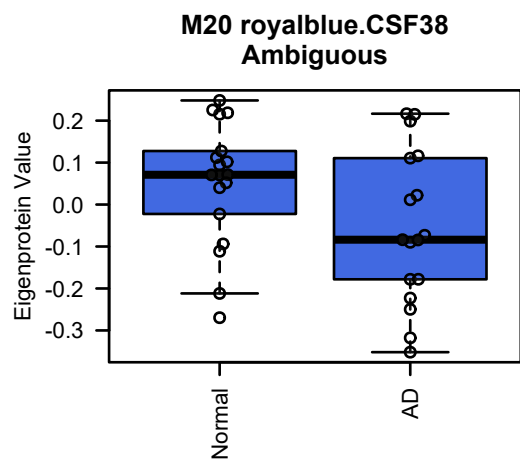
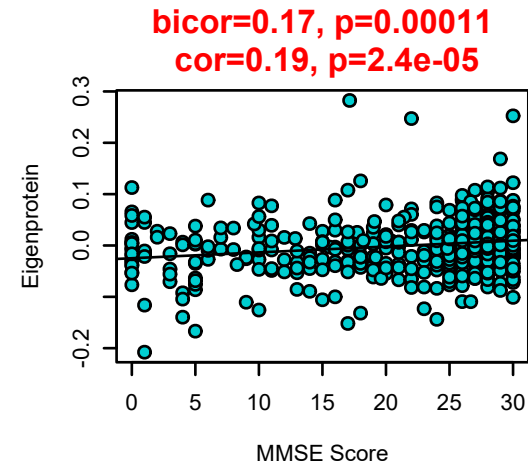
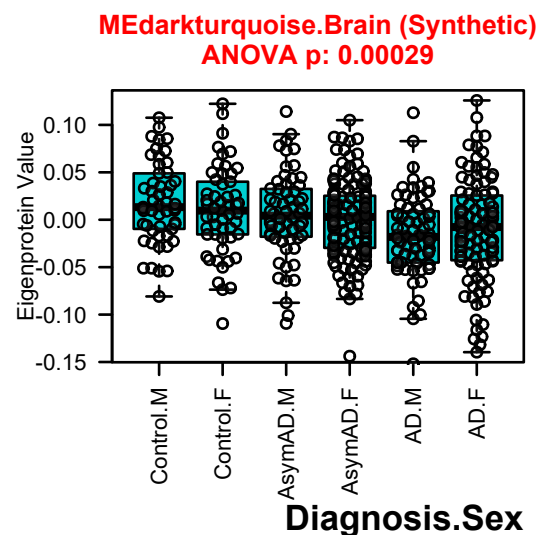
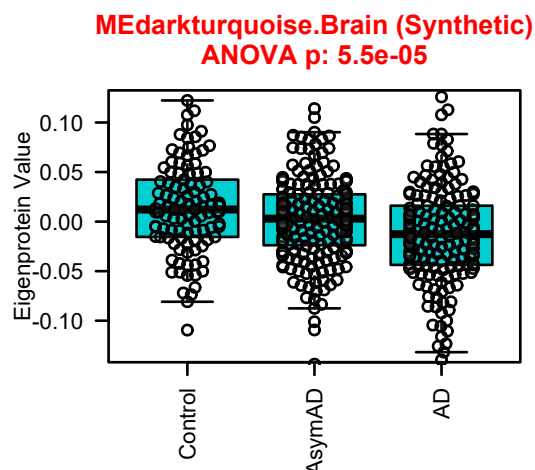
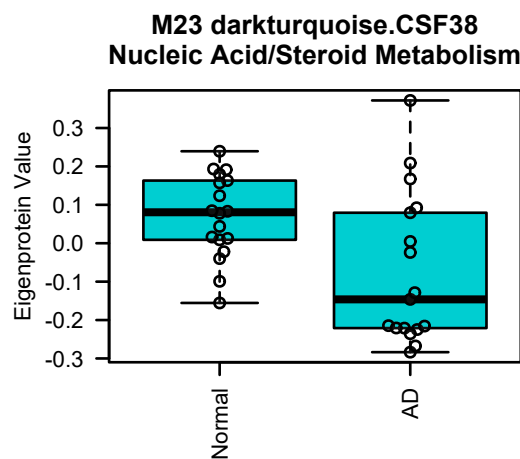
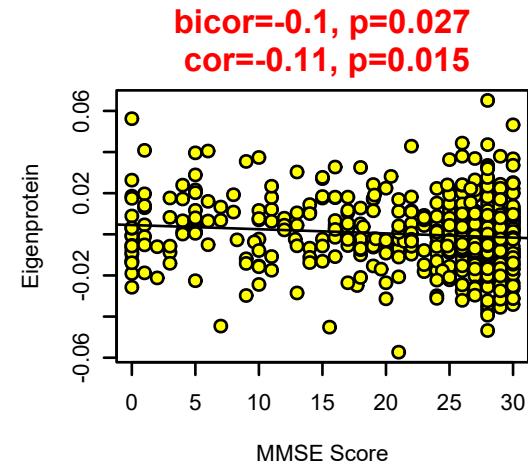
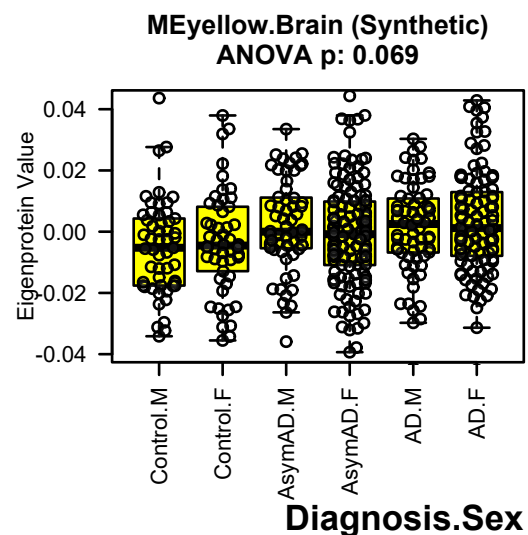
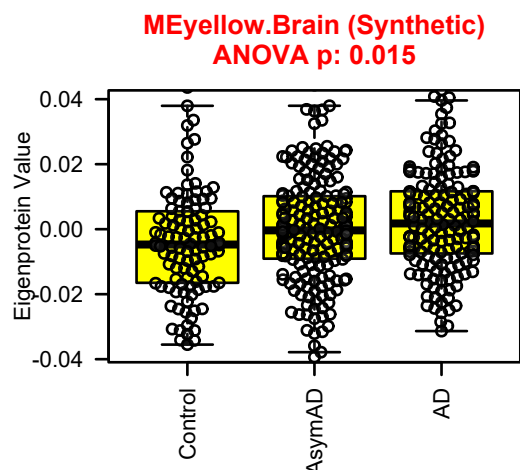
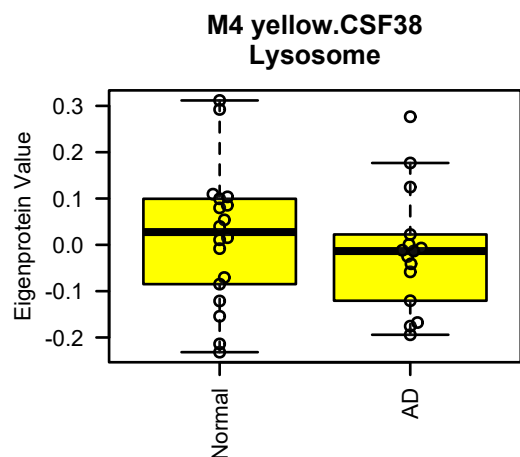
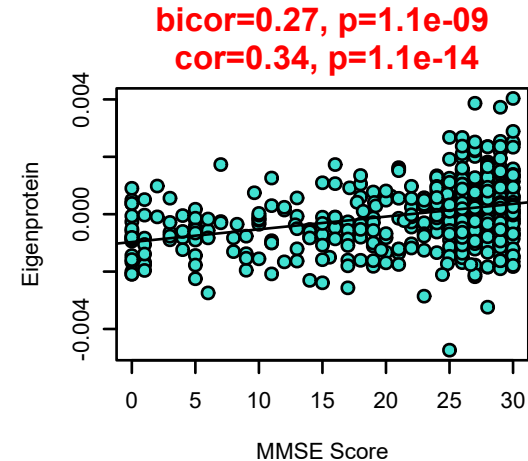
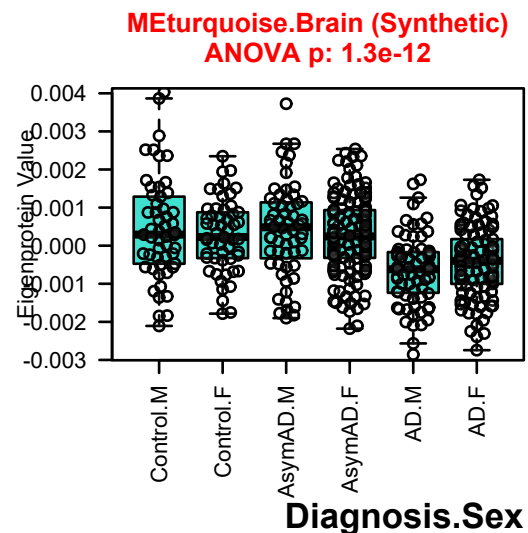
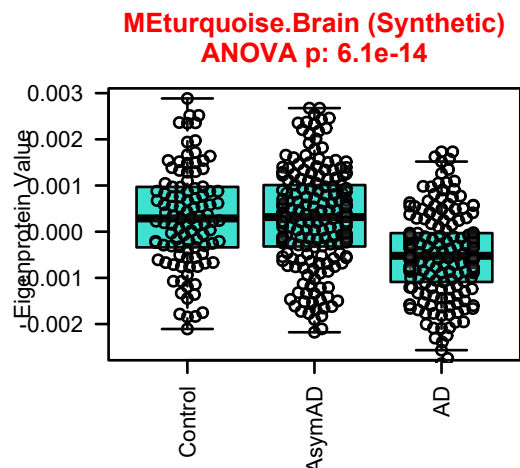
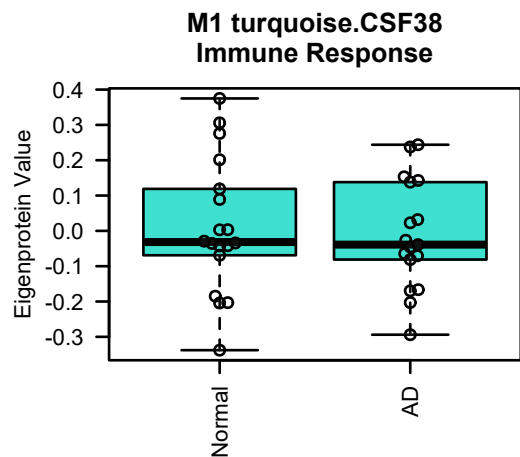
Diagnosis.Sex

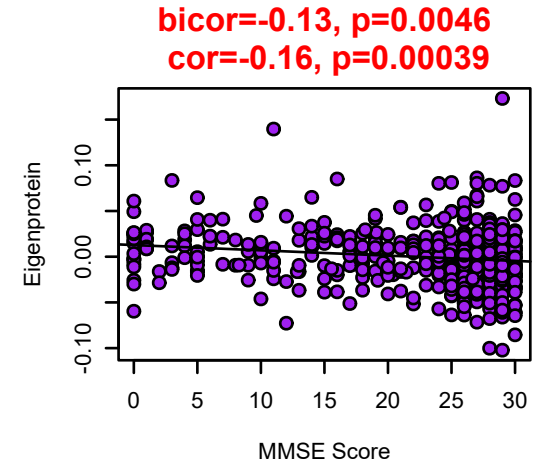
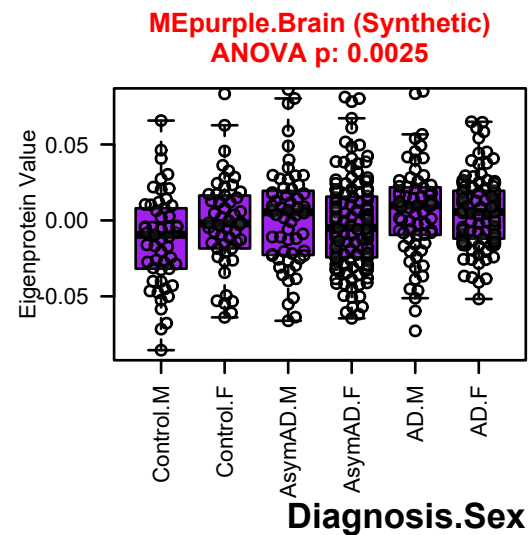
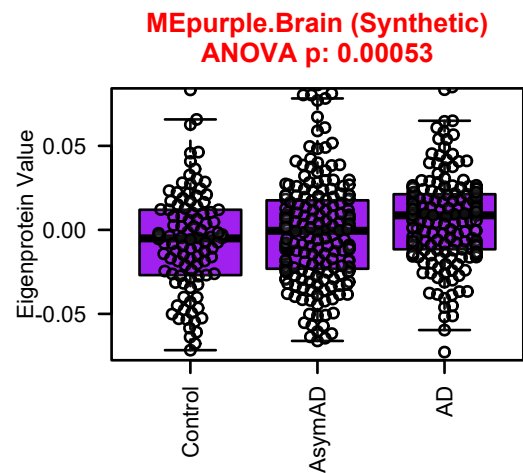
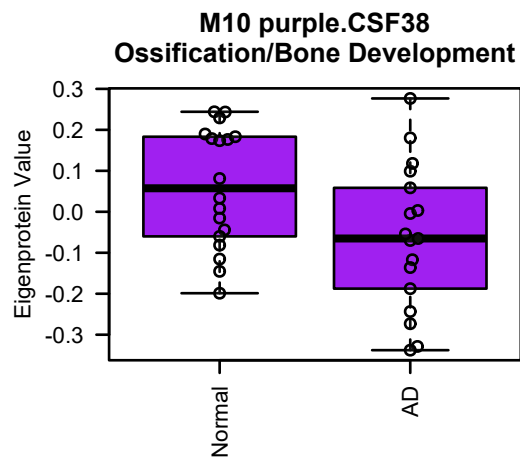
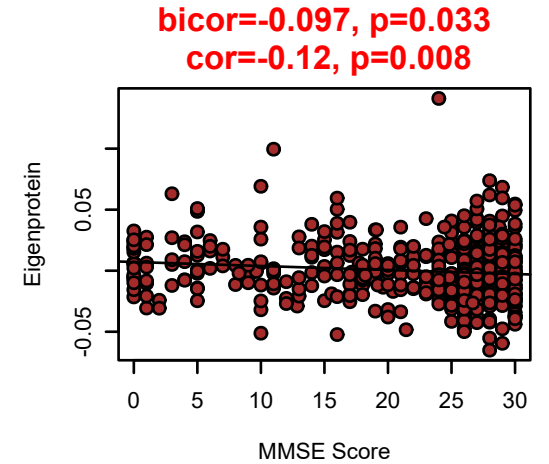
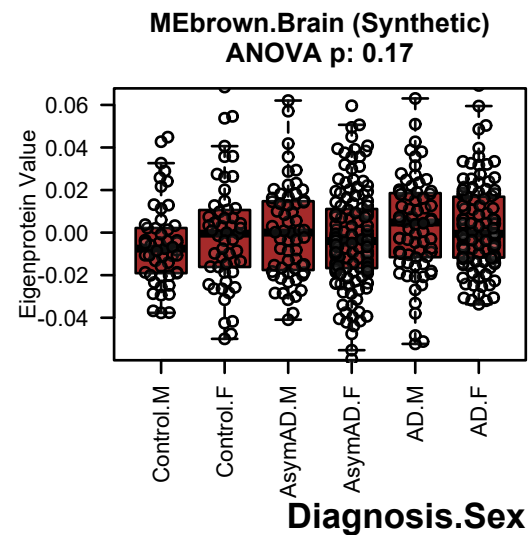
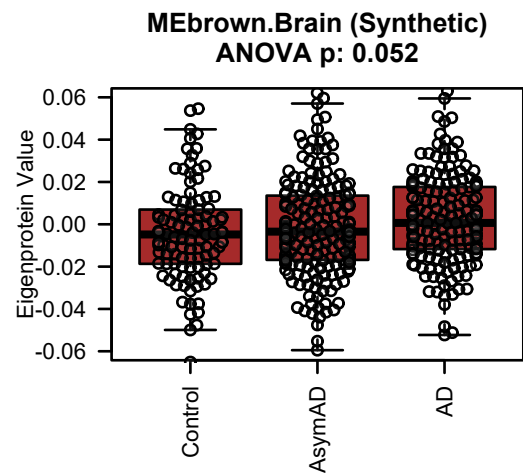
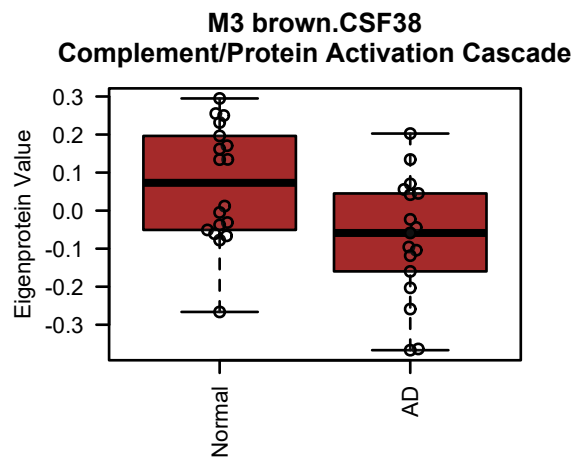
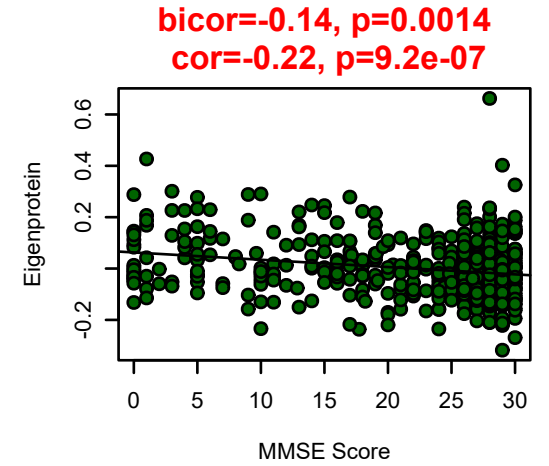
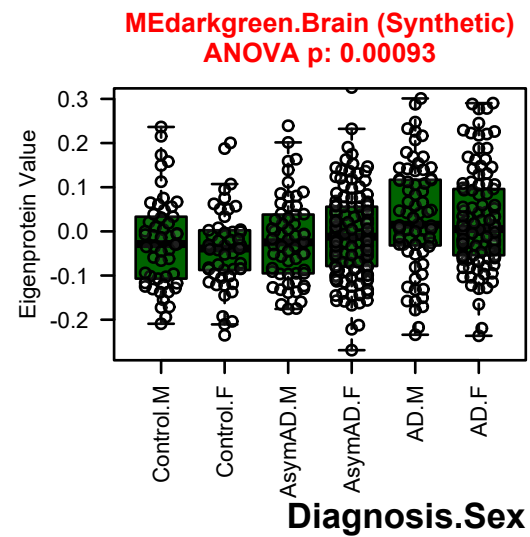
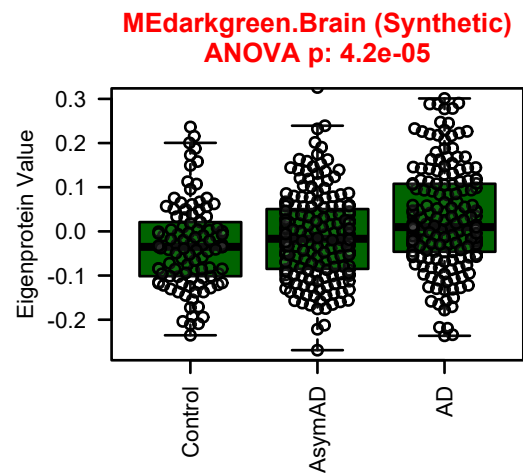
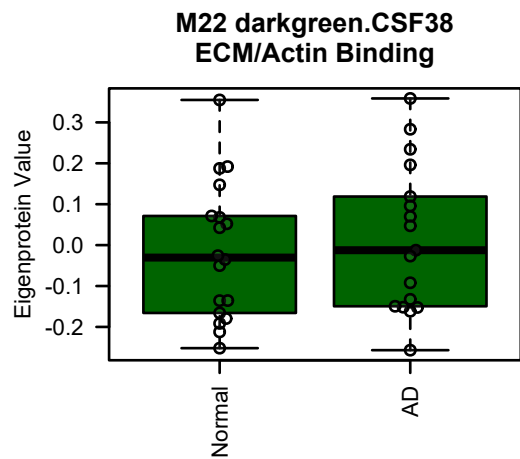
bicor=0.03, p=0.51
cor=-0.003, p=0.95

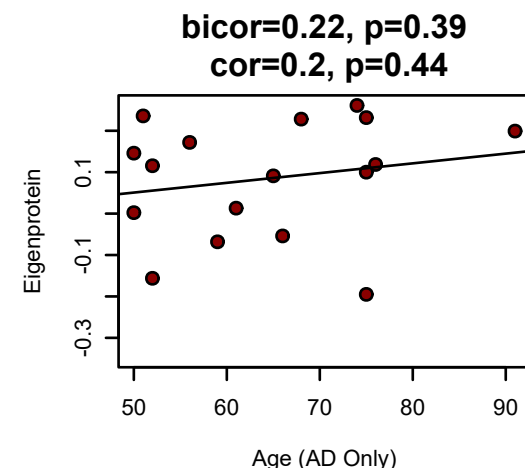
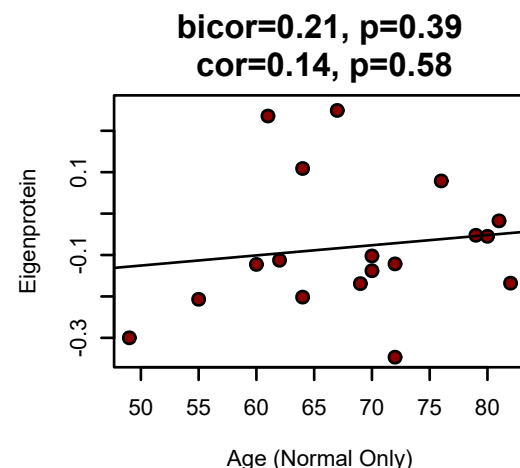
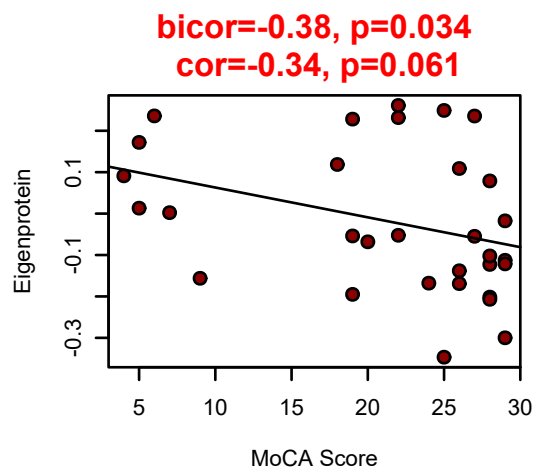
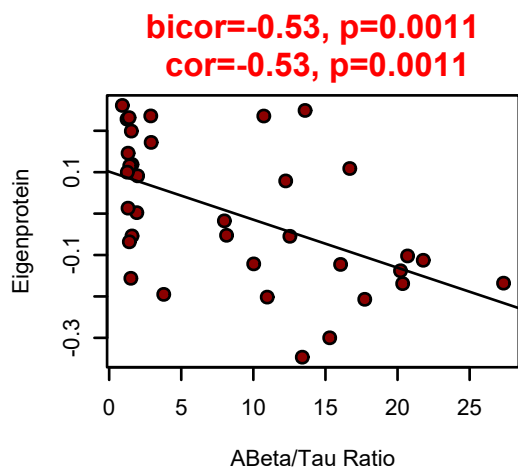
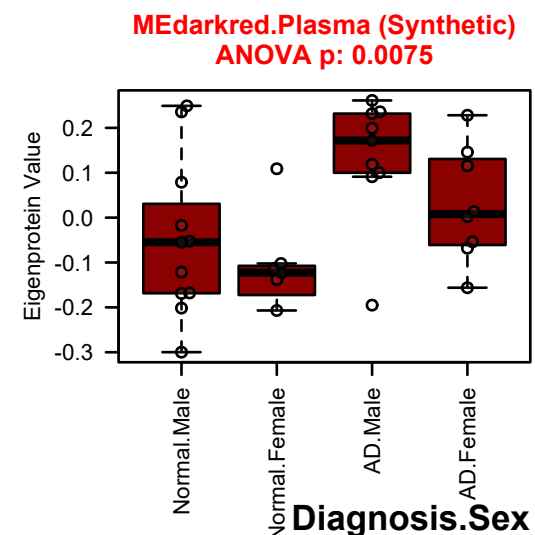
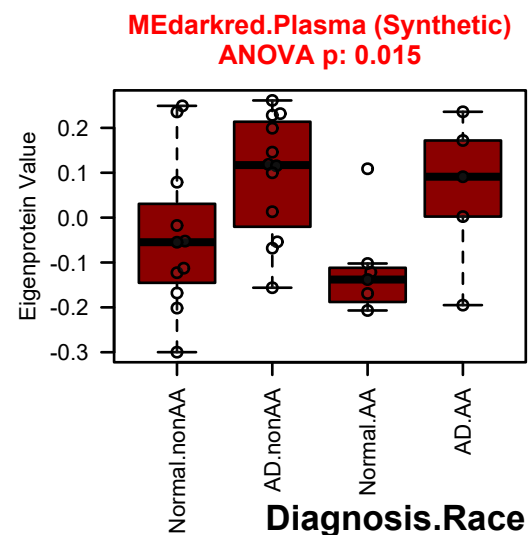
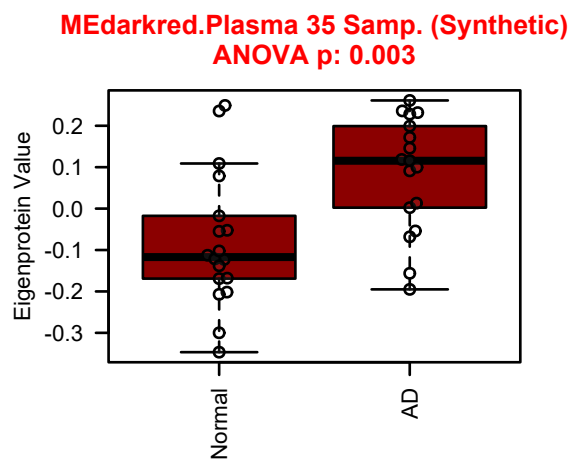
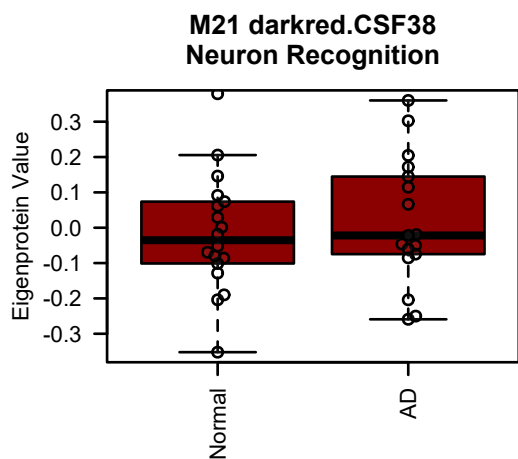
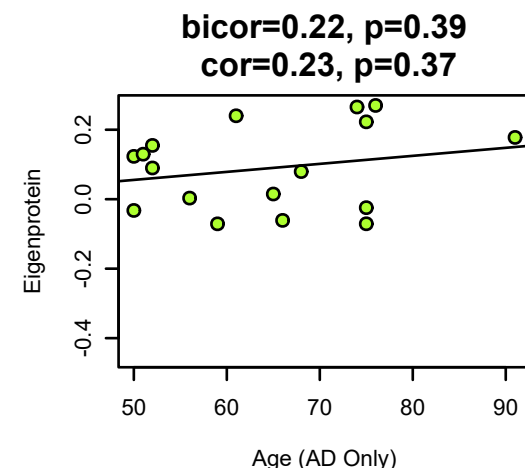
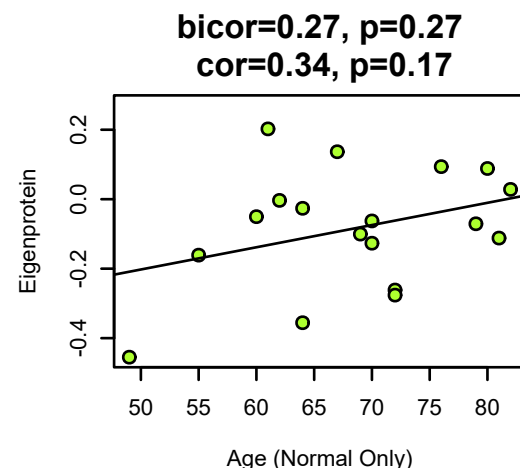
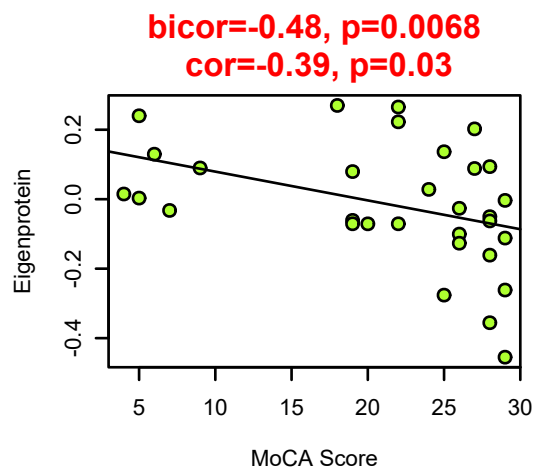
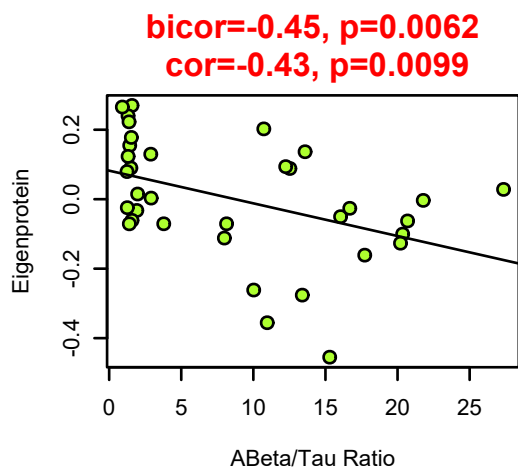
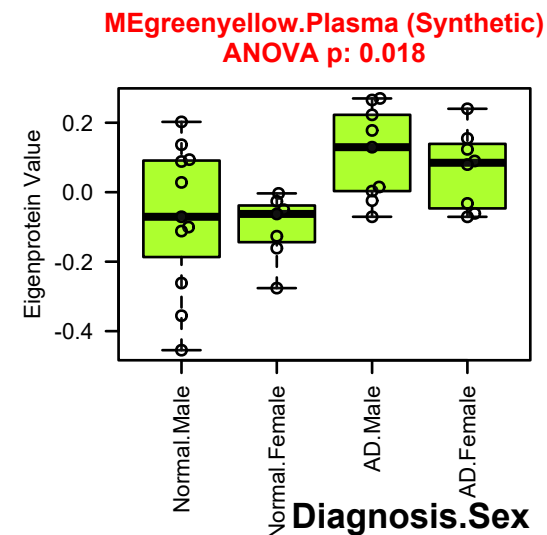
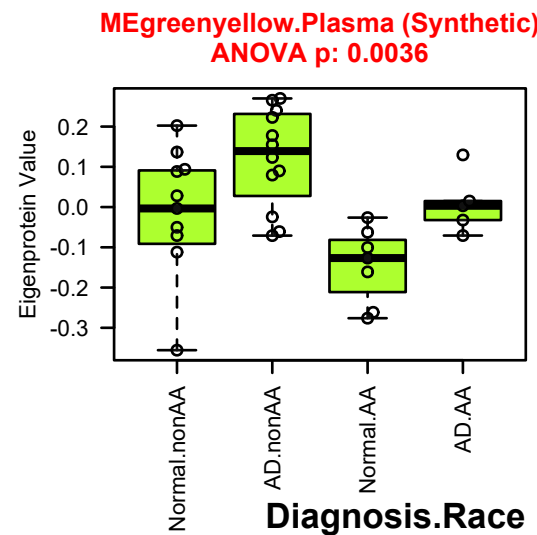
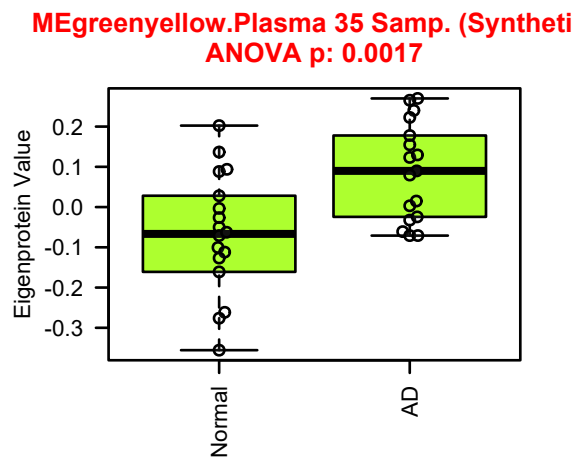
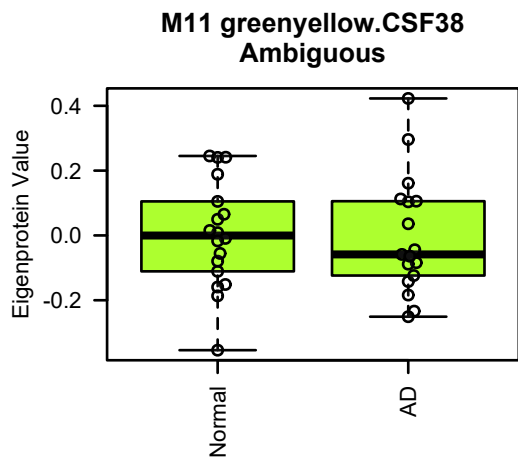


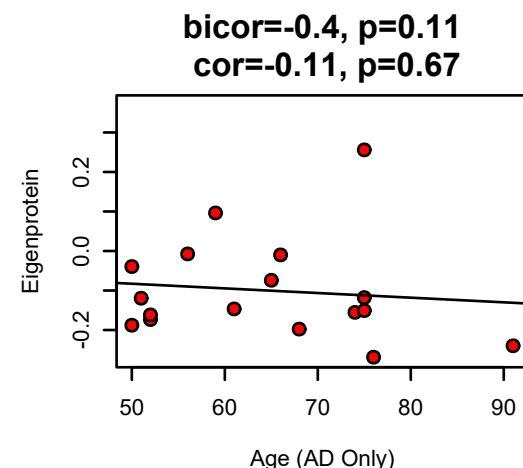
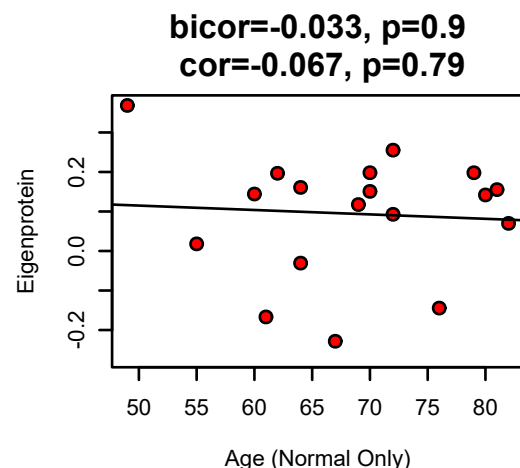
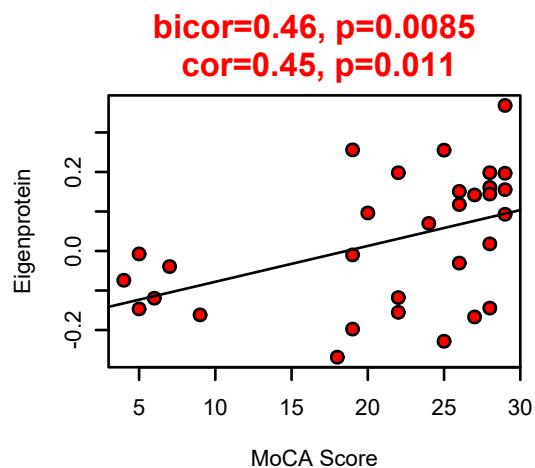
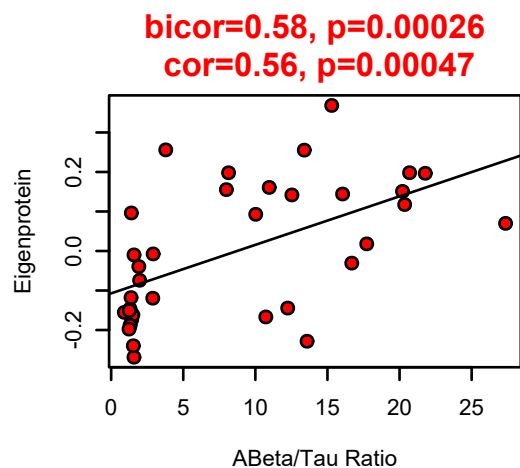
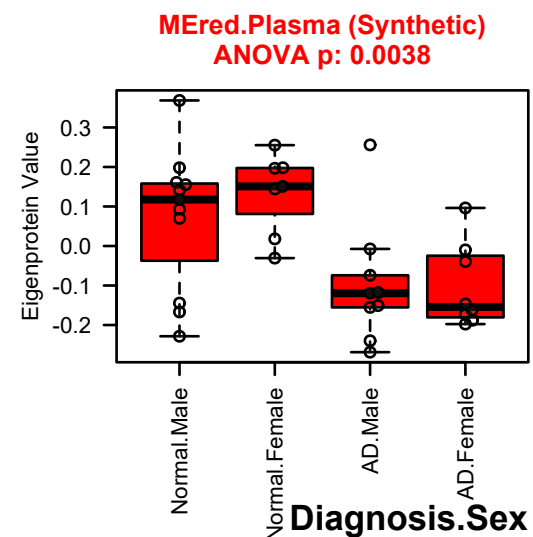
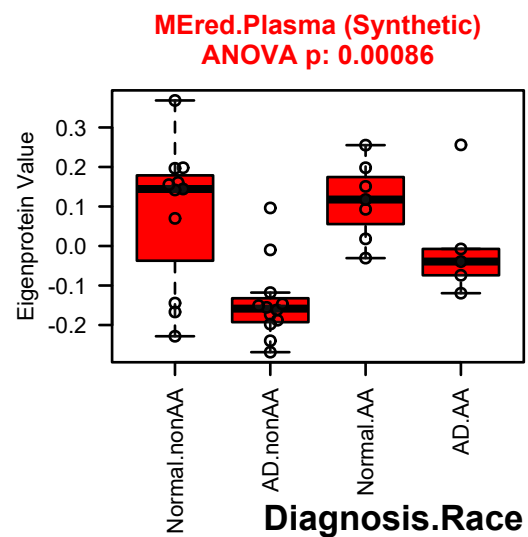
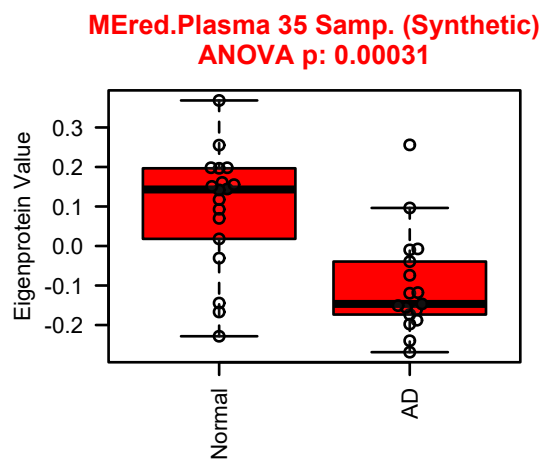
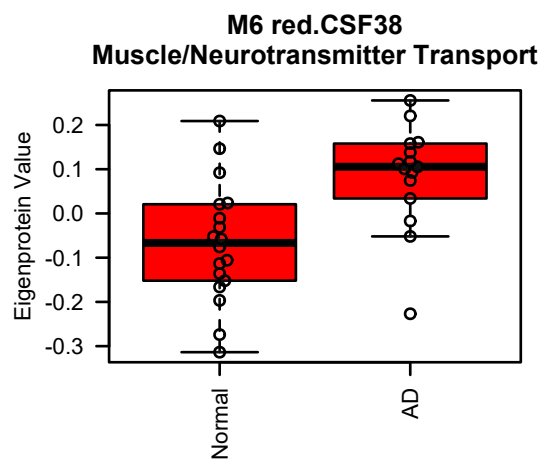
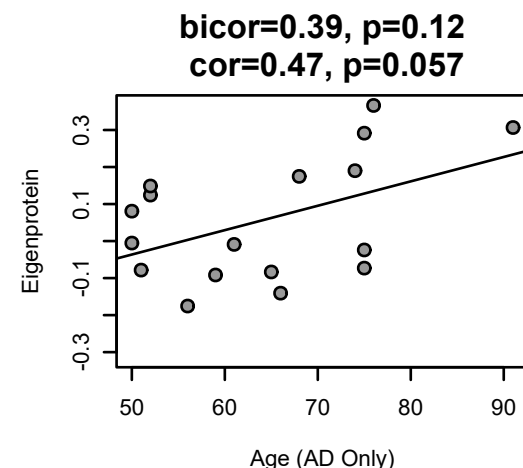
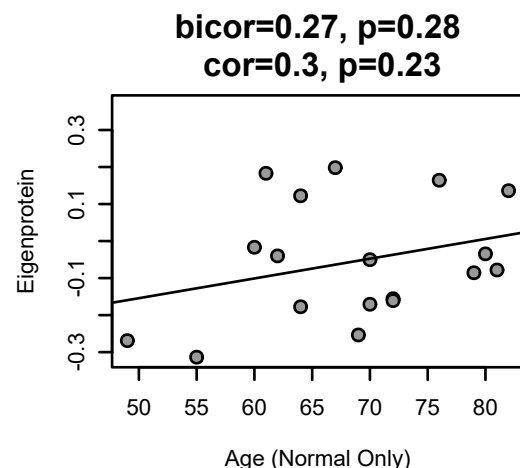
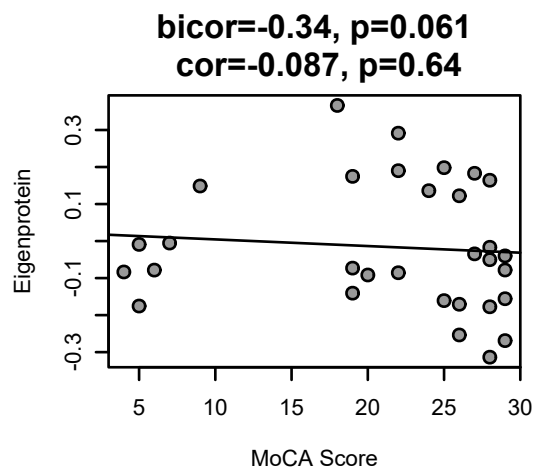
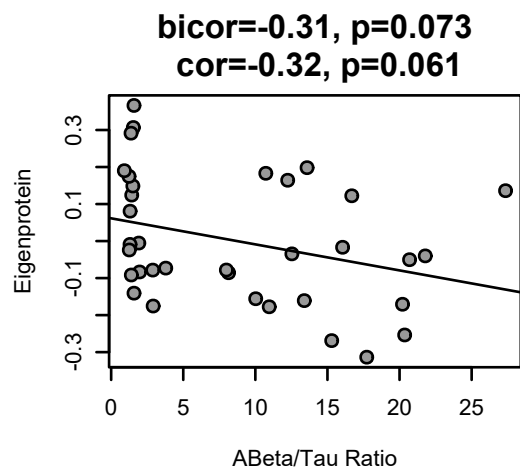
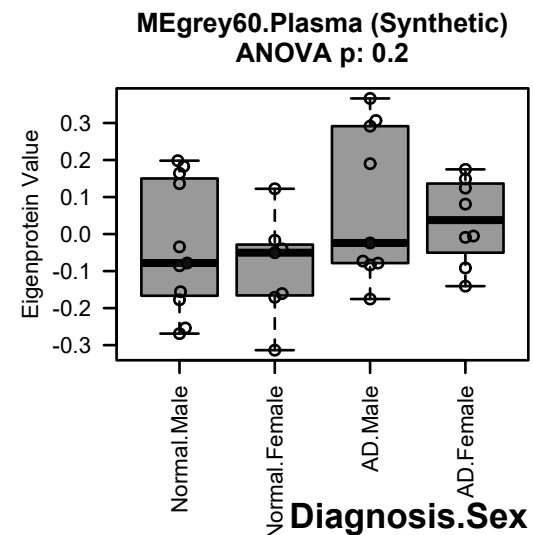
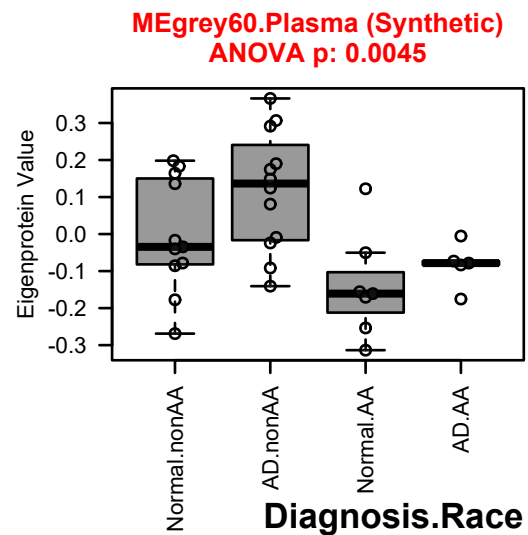
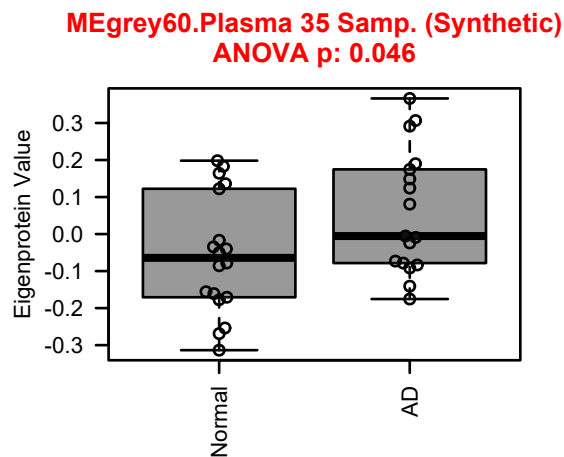
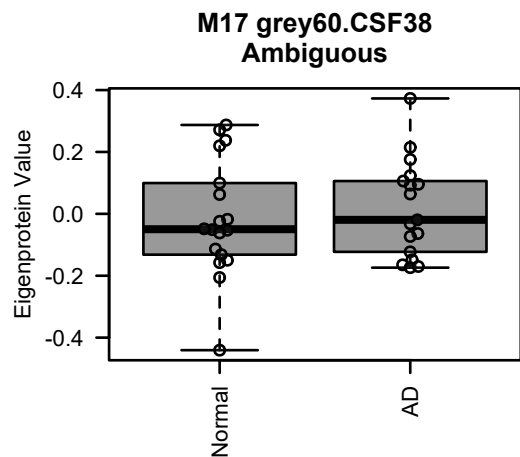


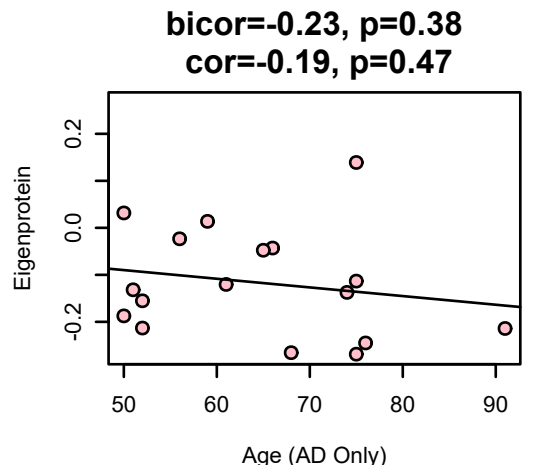
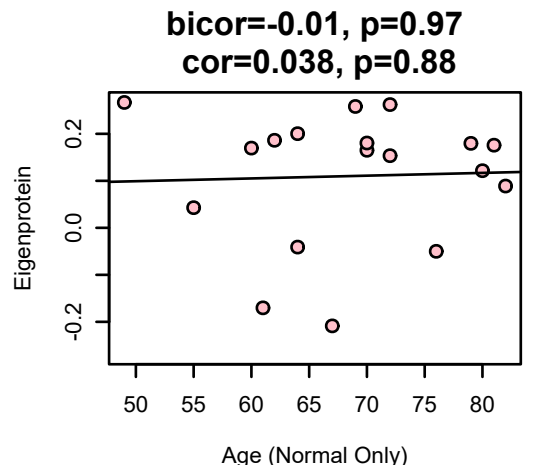
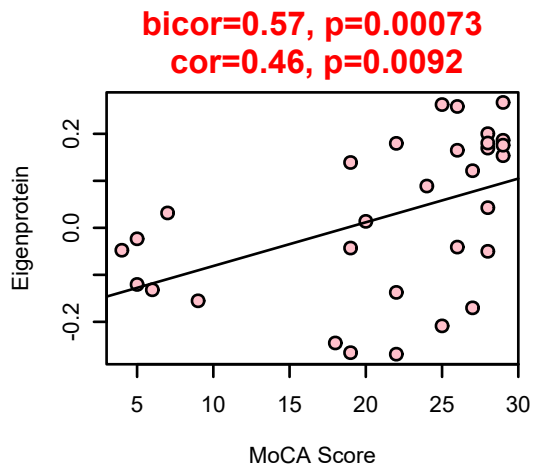
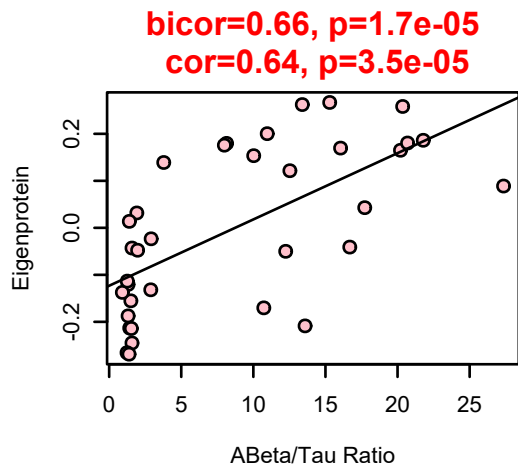
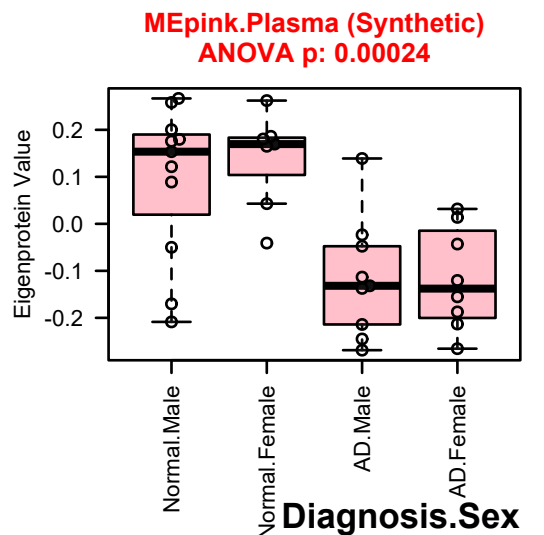
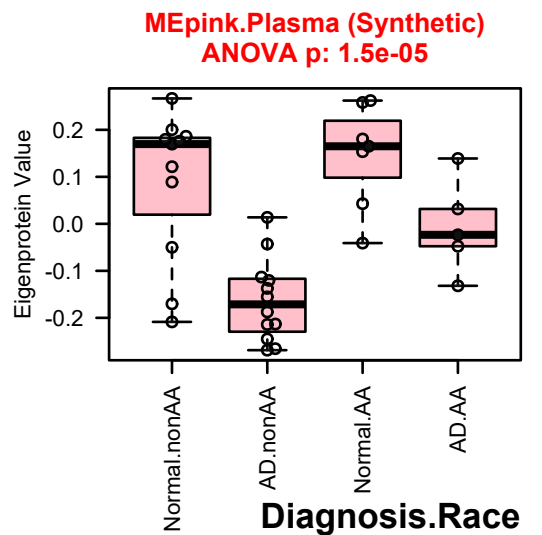
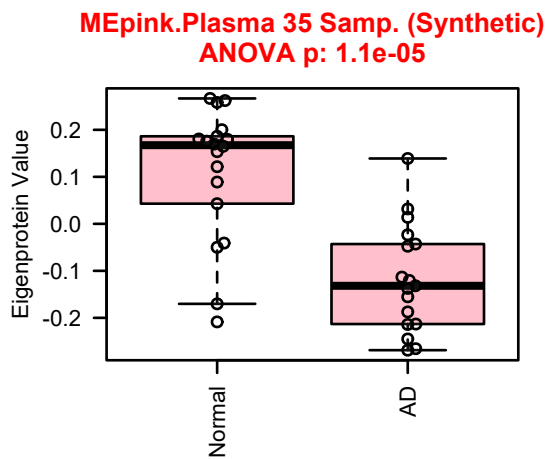
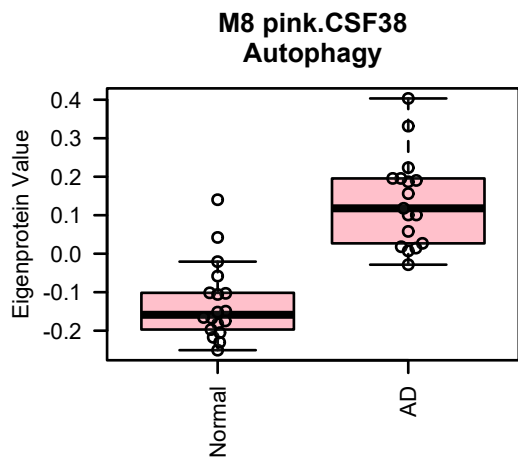
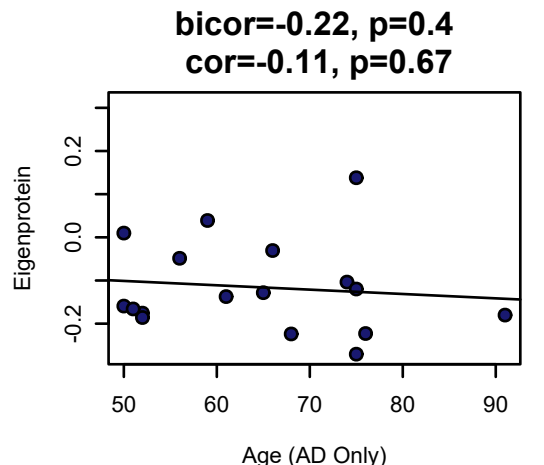
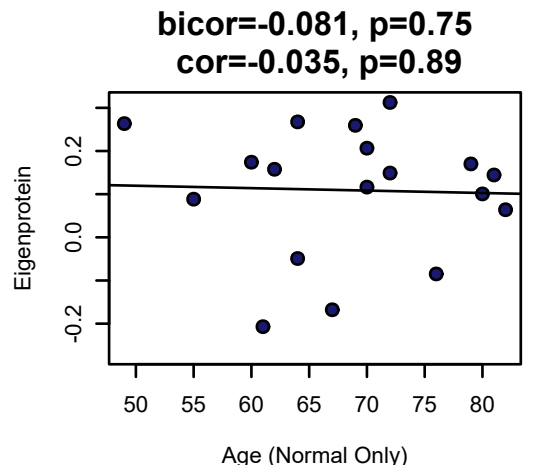
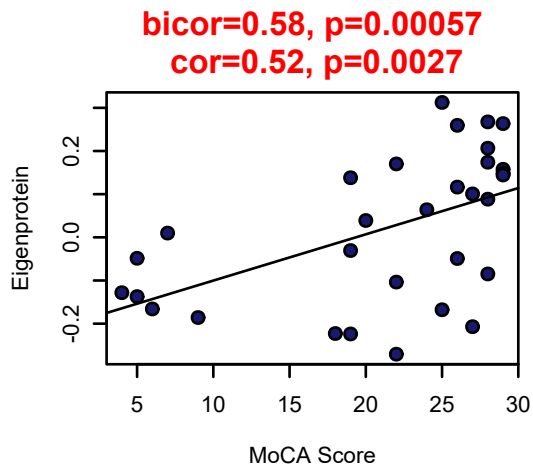
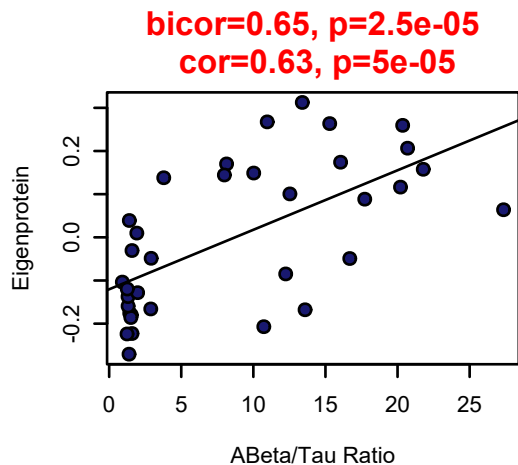
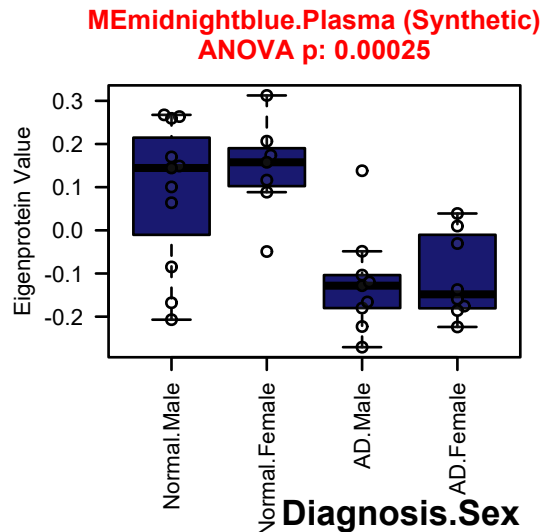
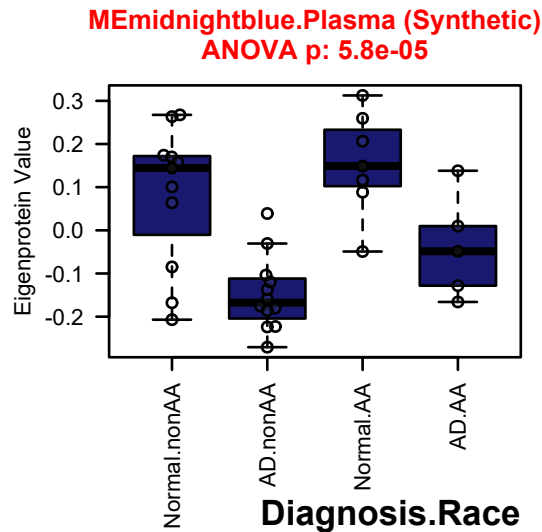
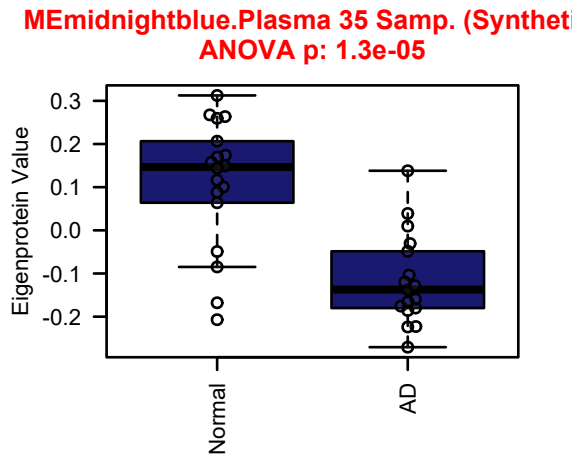
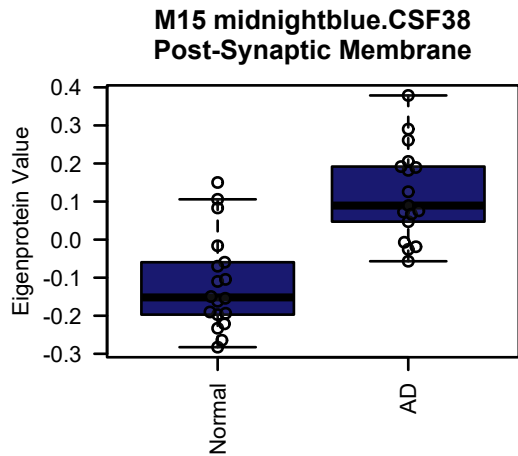




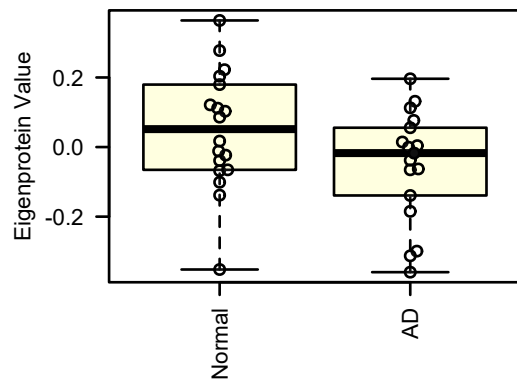




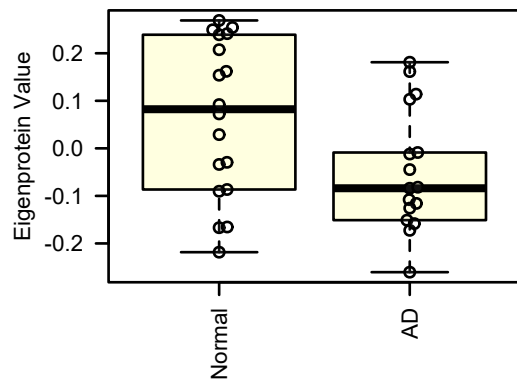




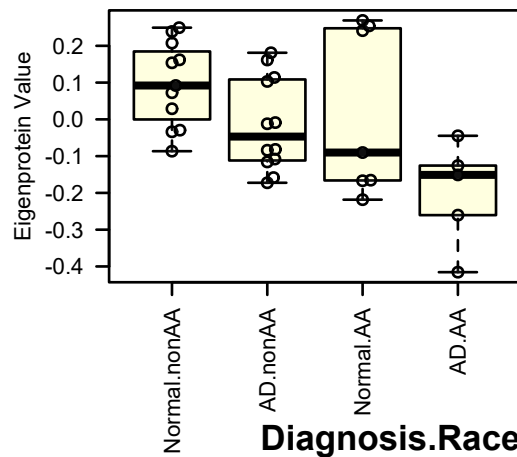
**M19 lightyellow.CSF38
Synapse Organization**



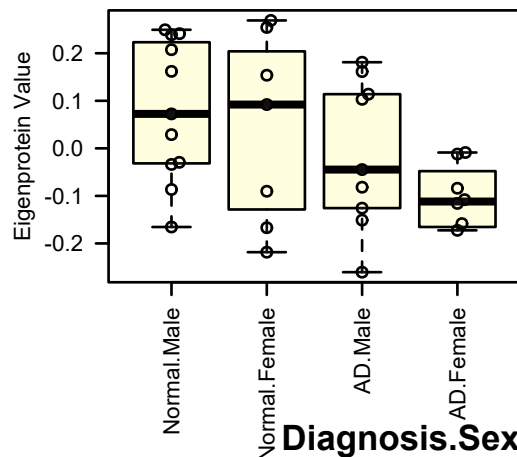
**MElightyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.018**



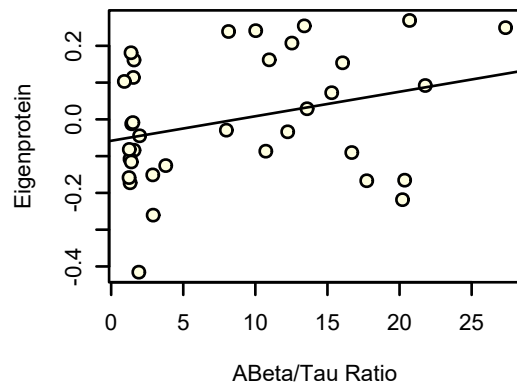
**MElightyellow.Plasma (Synthetic)
ANOVA p: 0.0095**



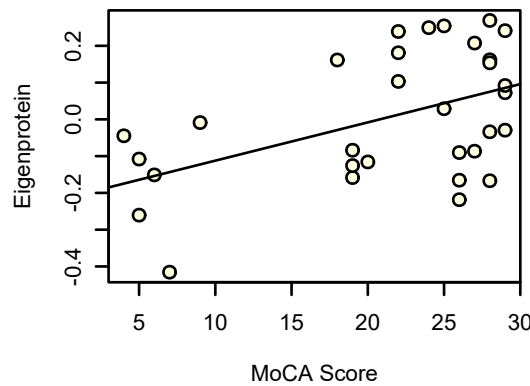
**MElightyellow.Plasma (Synthetic)
ANOVA p: 0.042**



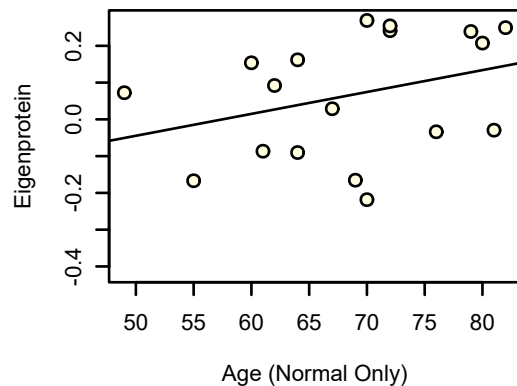
**bicor=0.3, p=0.08
cor=0.3, p=0.08**



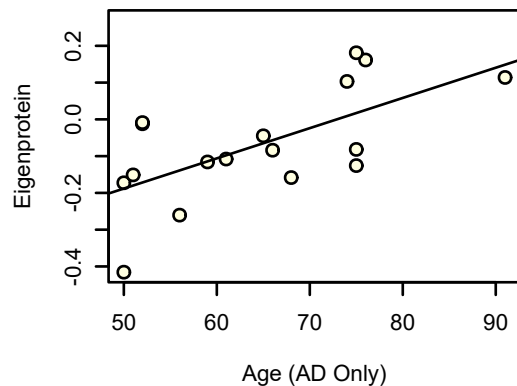
**bicor=0.29, p=0.12
cor=0.49, p=0.0051**



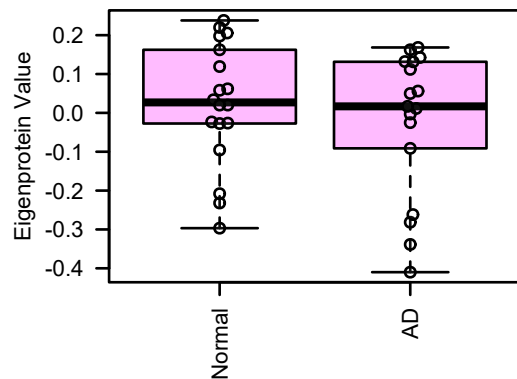
**bicor=0.35, p=0.16
cor=0.33, p=0.18**



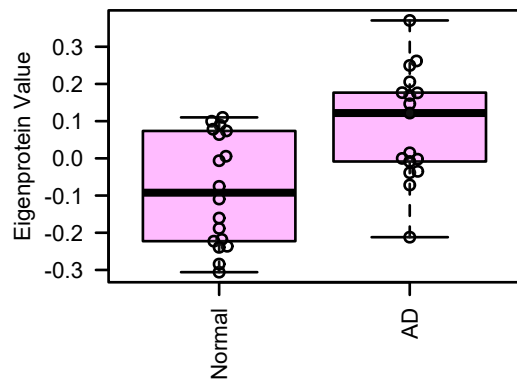
**bicor=0.62, p=0.0075
cor=0.64, p=0.0057**



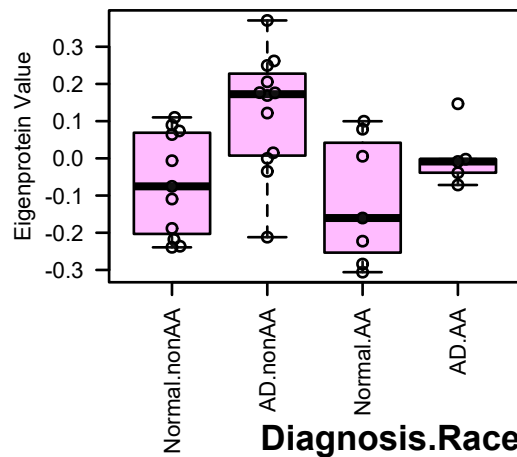
**M38 plum1.CSF38
Ambiguous**



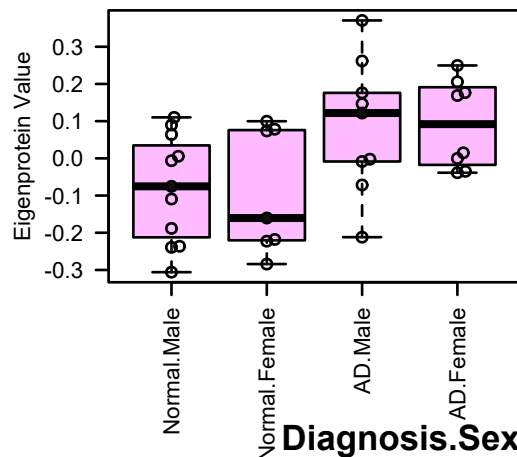
**MEplum1.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0015**



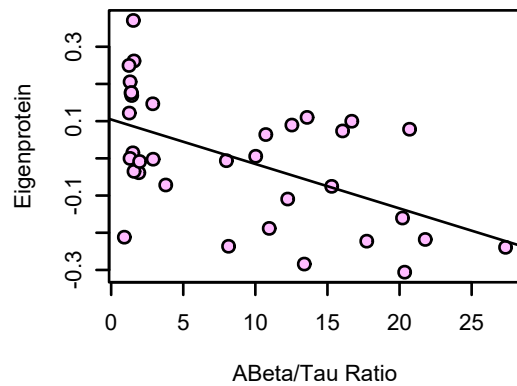
**MEplum1.Plasma (Synthetic)
ANOVA p: 0.0061**



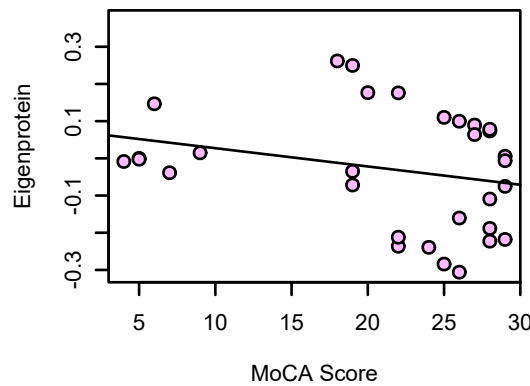
**MEplum1.Plasma (Synthetic)
ANOVA p: 0.021**



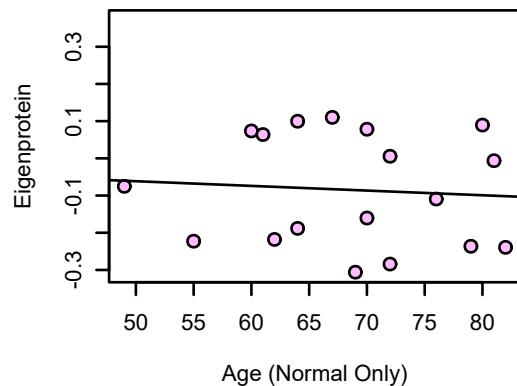
**bicor=-0.53, p=0.00093
cor=-0.55, p=0.00062**



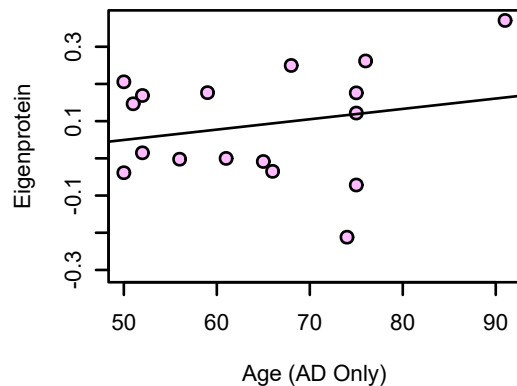
**bicor=-0.28, p=0.13
cor=-0.26, p=0.16**

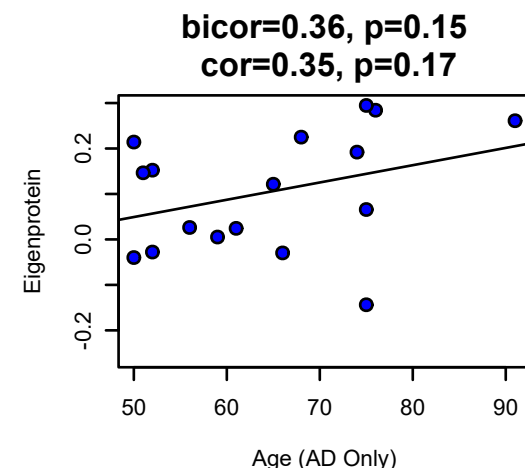
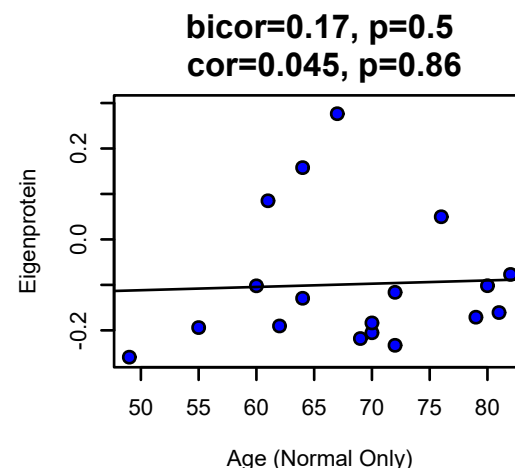
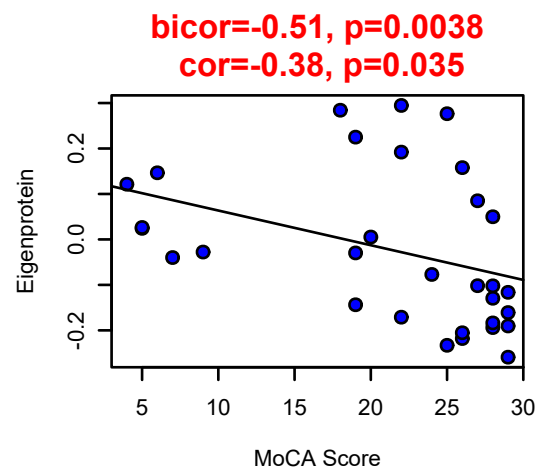
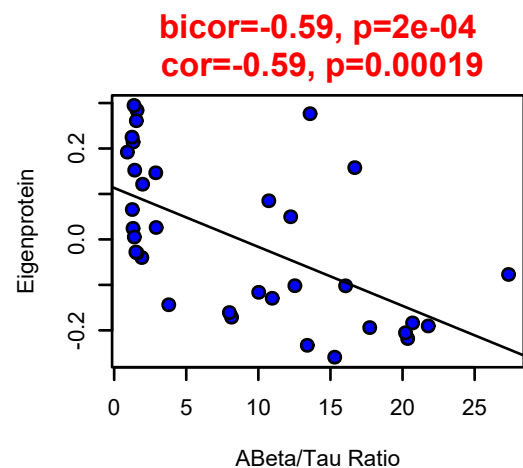
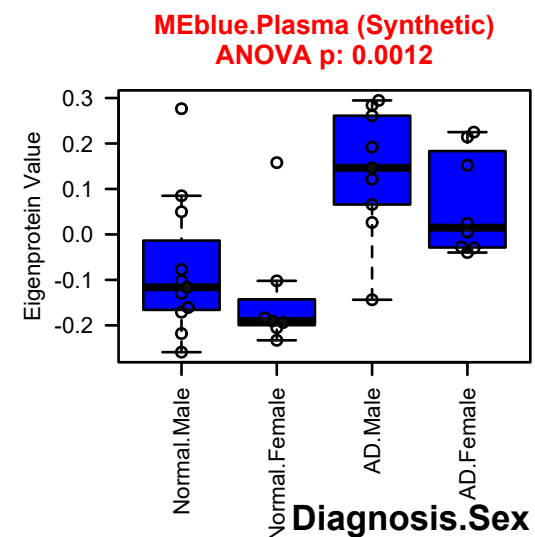
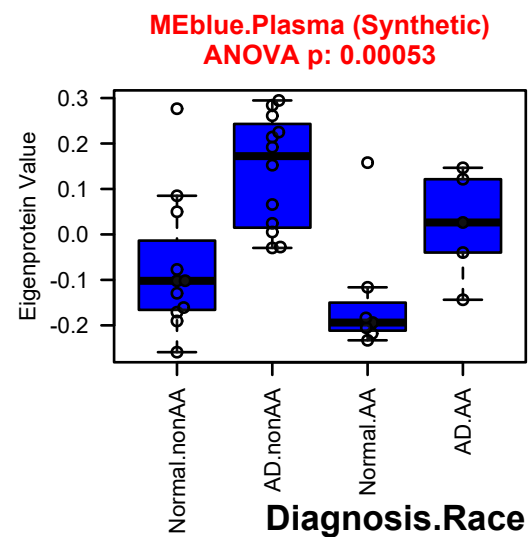
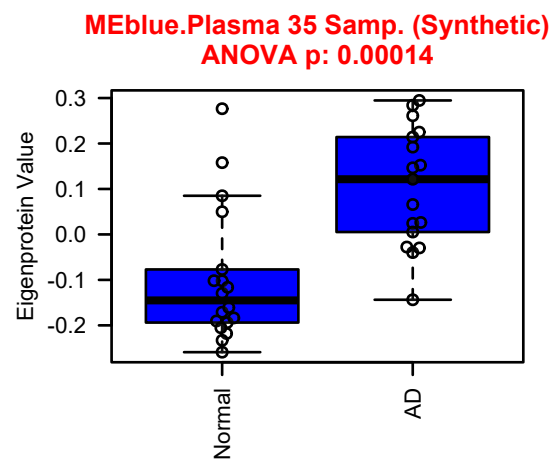
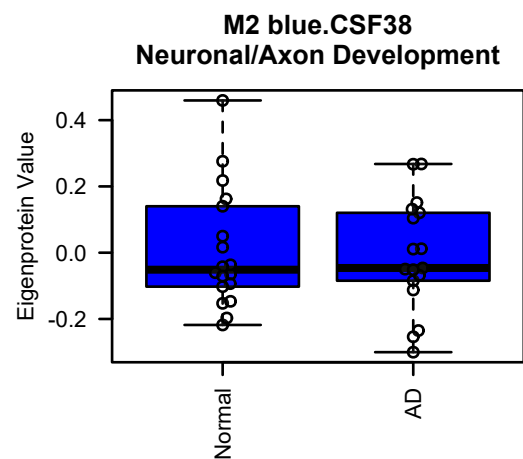
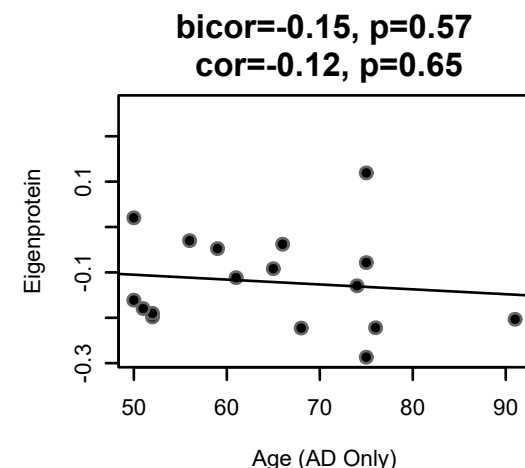
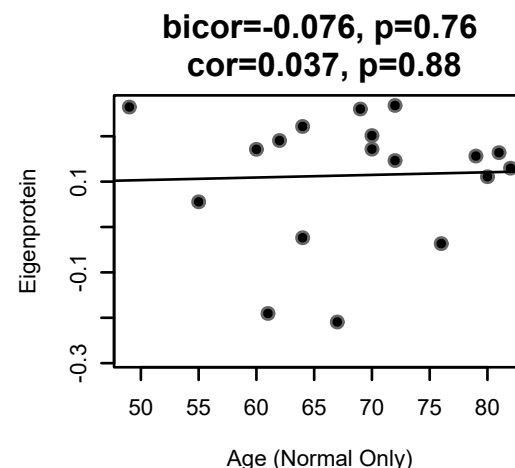
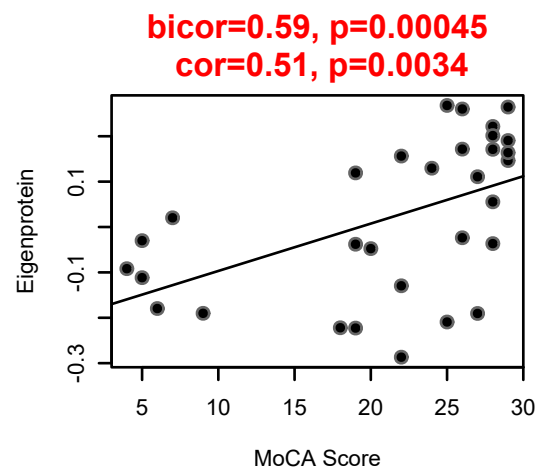
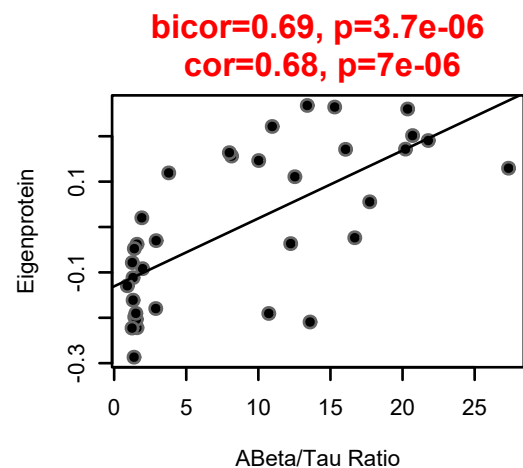
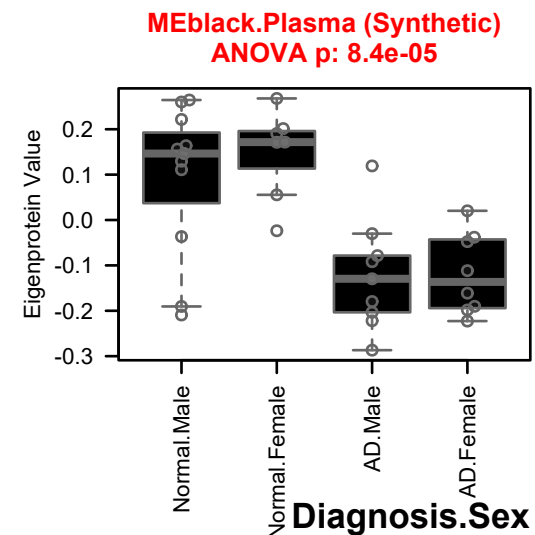
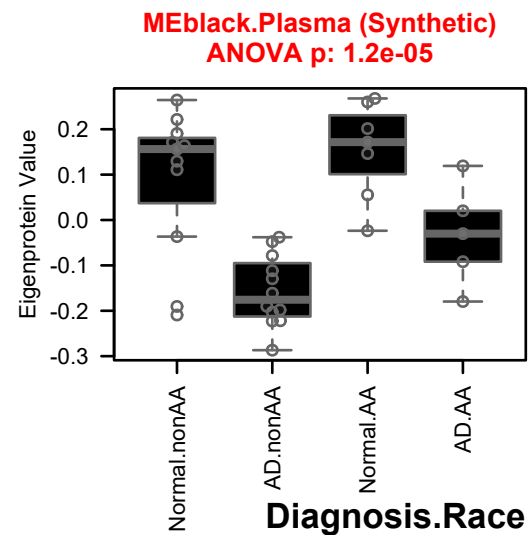
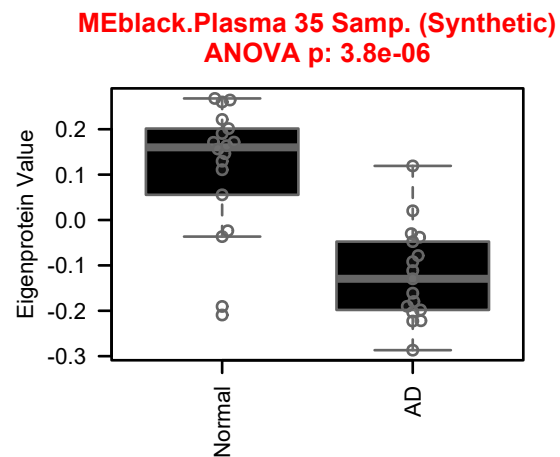
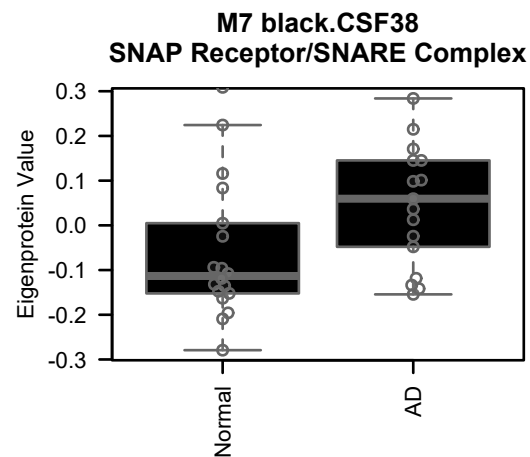


**bicor=-0.089, p=0.72
cor=-0.077, p=0.76**

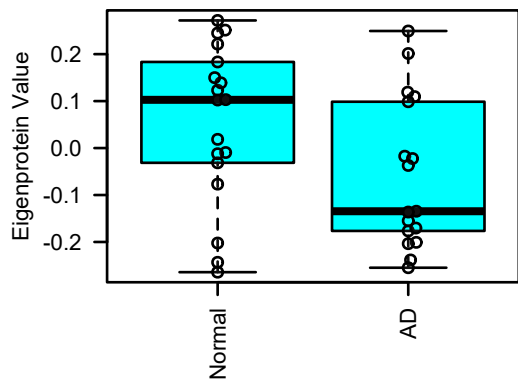


**bicor=0.22, p=0.39
cor=0.22, p=0.4**

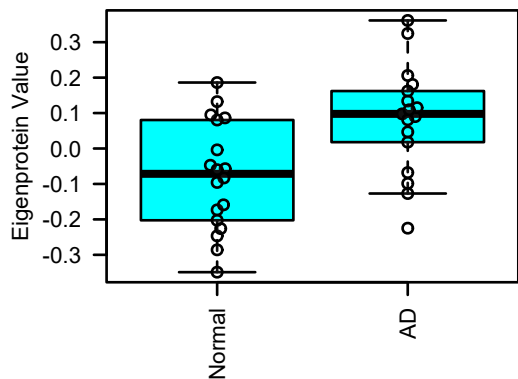




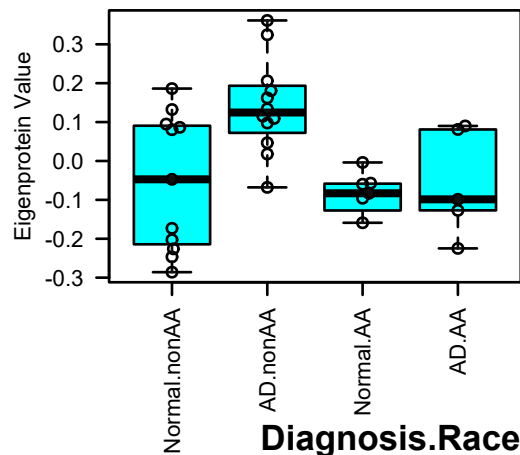
M14 cyan.CSF38
Golgi/Glycosylation



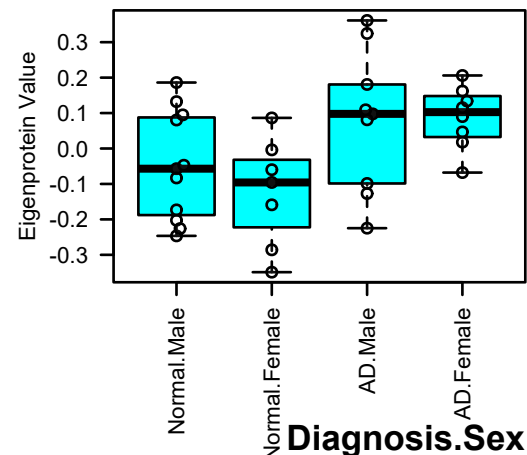
MEcyan.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0038



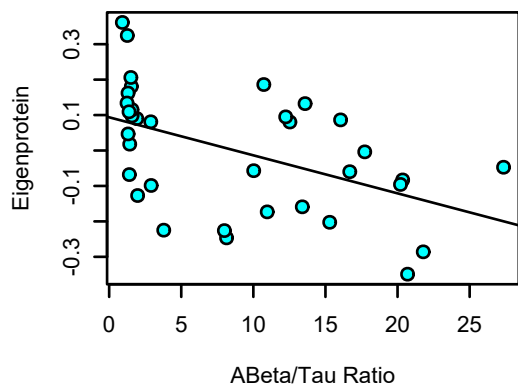
MEcyan.Plasma (Synthetic)
ANOVA p: 0.0018



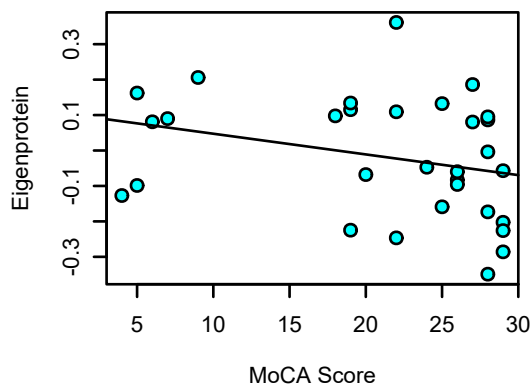
MEcyan.Plasma (Synthetic)
ANOVA p: 0.028



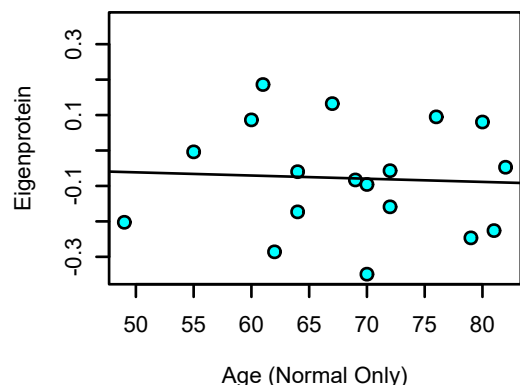
bicor=-0.49, p=0.0026
cor=-0.49, p=0.0028



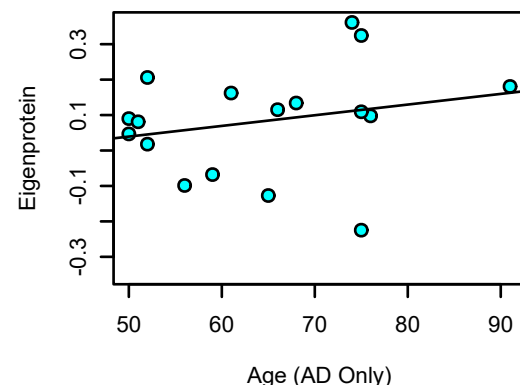
bicor=-0.42, p=0.018
cor=-0.29, p=0.11



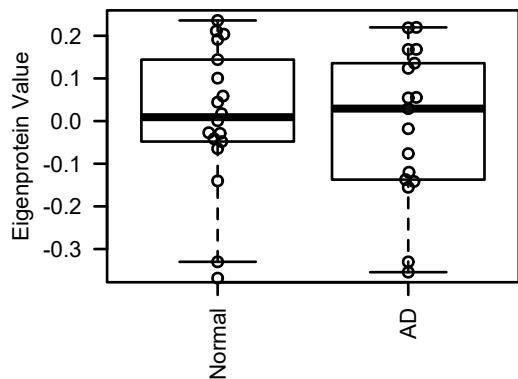
bicor=-0.063, p=0.8
cor=-0.054, p=0.83



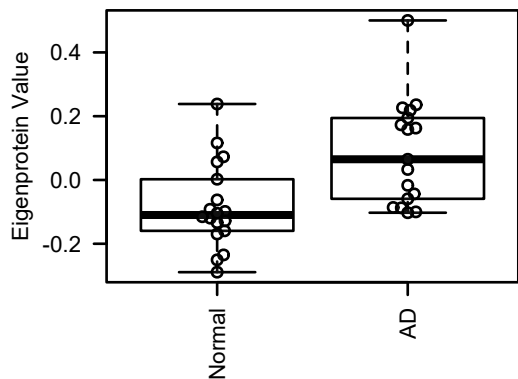
bicor=0.3, p=0.25
cor=0.24, p=0.35



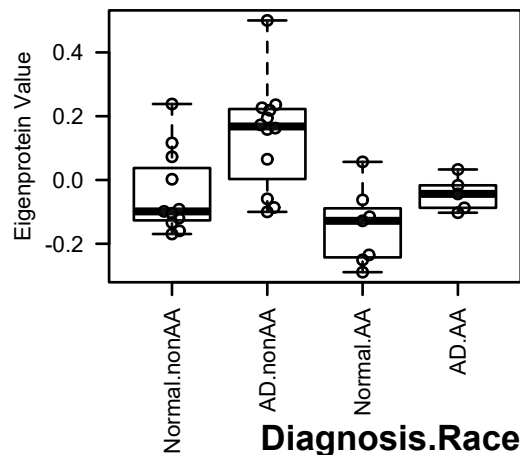
M27 white.CSF38
Ambiguous



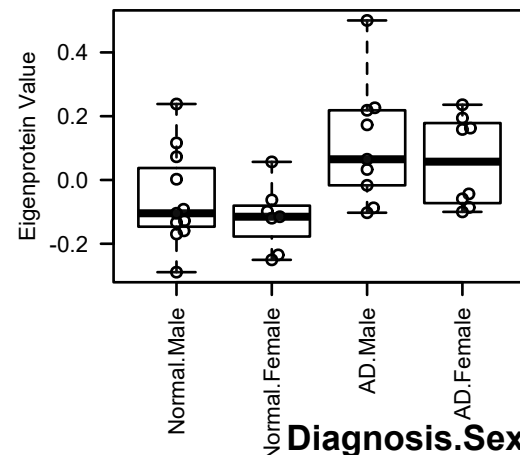
MEwhite.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0024



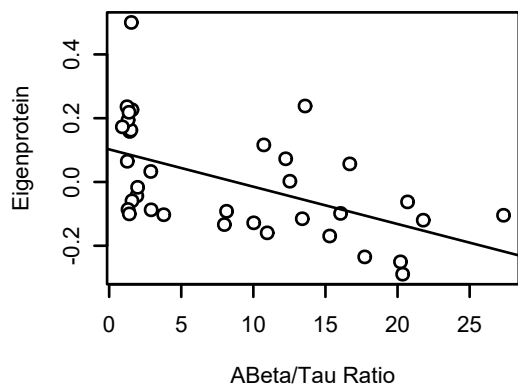
MEwhite.Plasma (Synthetic)
ANOVA p: 0.00075



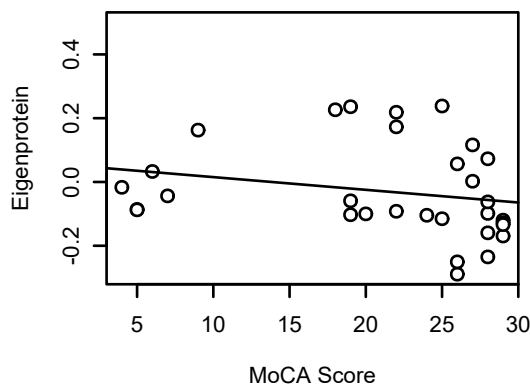
MEwhite.Plasma (Synthetic)
ANOVA p: 0.018



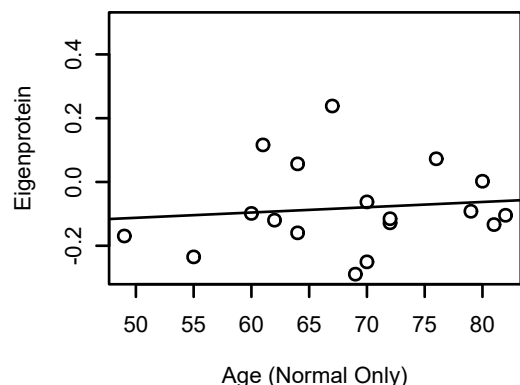
bicor=-0.51, p=0.0018
cor=-0.53, p=0.0011



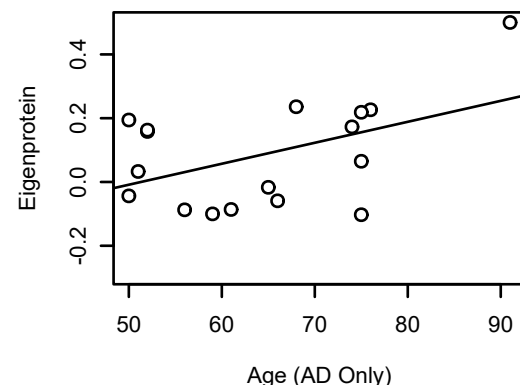
bicor=-0.47, p=0.0076
cor=-0.22, p=0.23



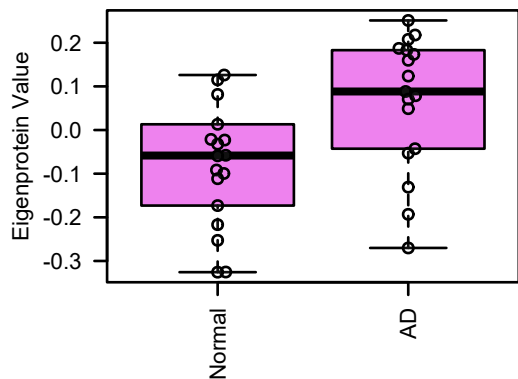
bicor=0.19, p=0.45
cor=0.11, p=0.66



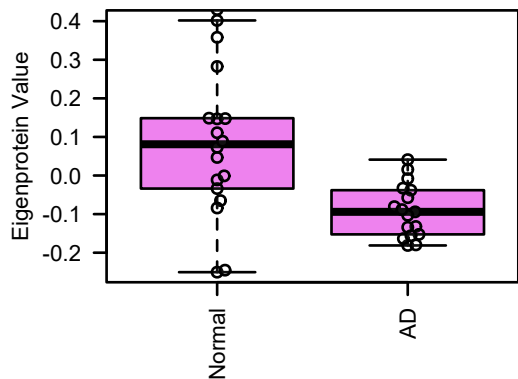
bicor=0.4, p=0.11
cor=0.47, p=0.057



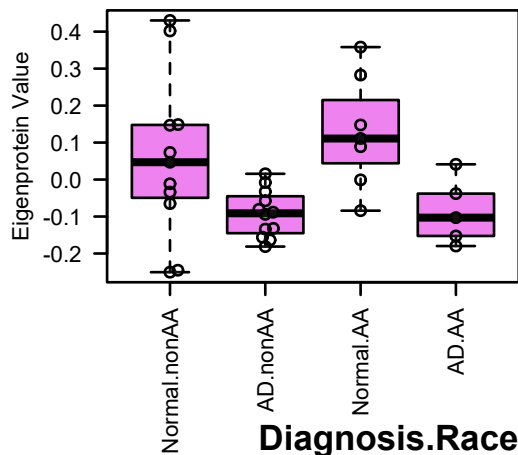
M32 violet.CSF38
Synaptic Membrane/Matrisome



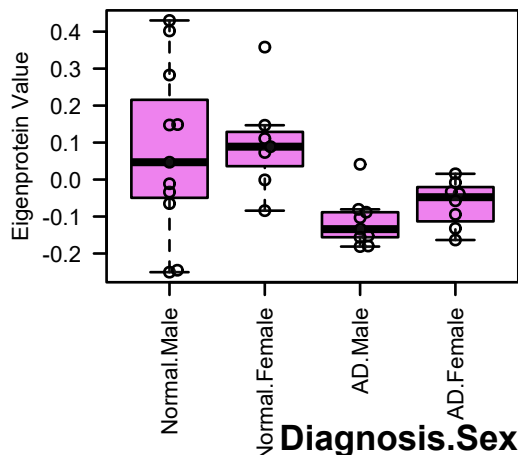
MEviolet.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0013



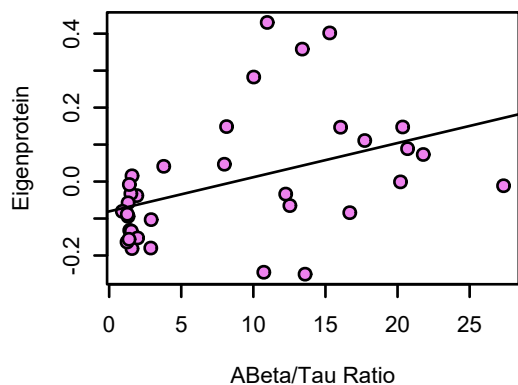
MEviolet.Plasma (Synthetic)
ANOVA p: 0.012



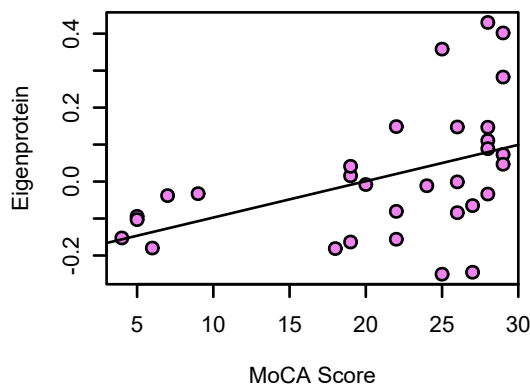
MEviolet.Plasma (Synthetic)
ANOVA p: 0.014



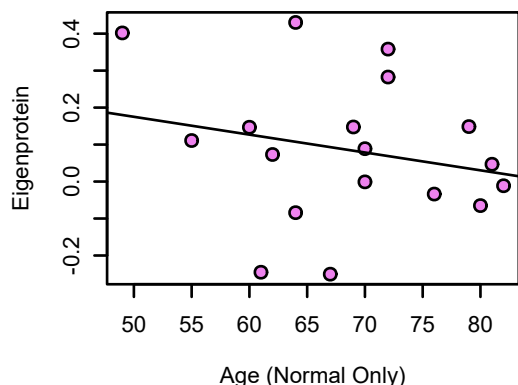
bicor=0.49, p=0.0027
cor=0.42, p=0.012



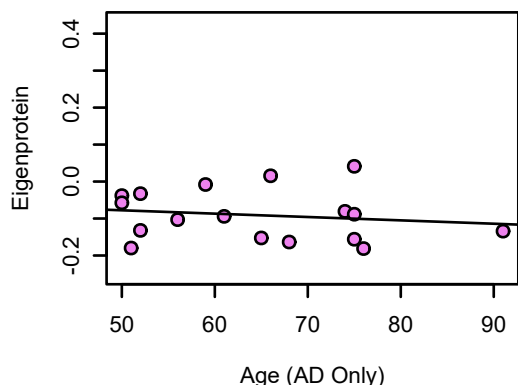
bicor=0.47, p=0.0076
cor=0.46, p=0.0092



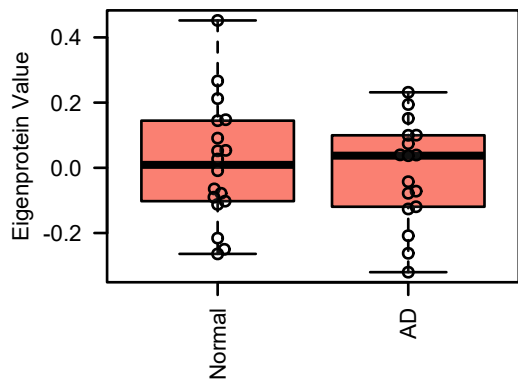
bicor=-0.21, p=0.4
cor=-0.23, p=0.36



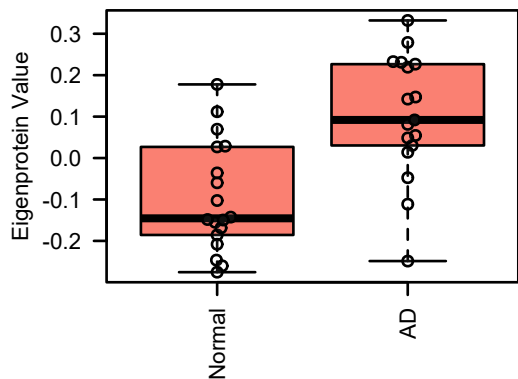
bicor=-0.17, p=0.5
cor=-0.16, p=0.54



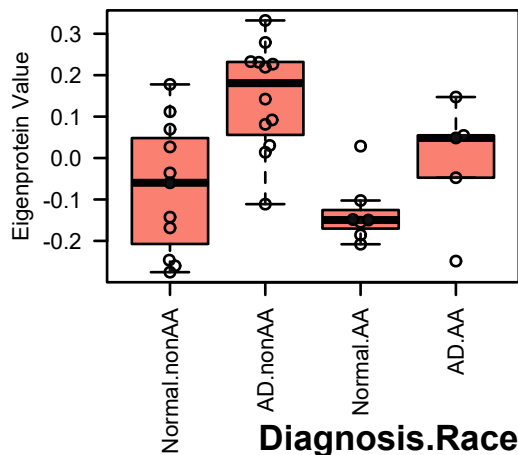
M13 salmon.CSF38
Semaphorin-Plexin/Axon Guidance



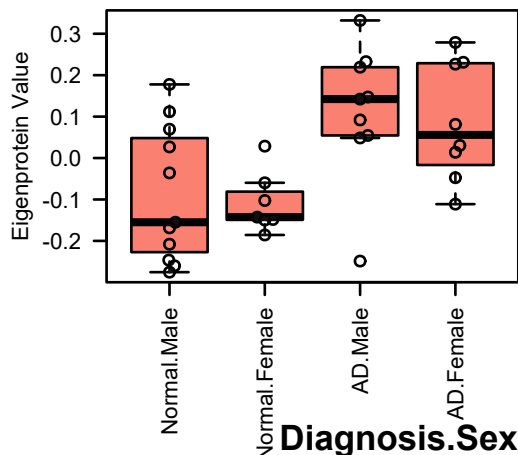
MEsalmon.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00024



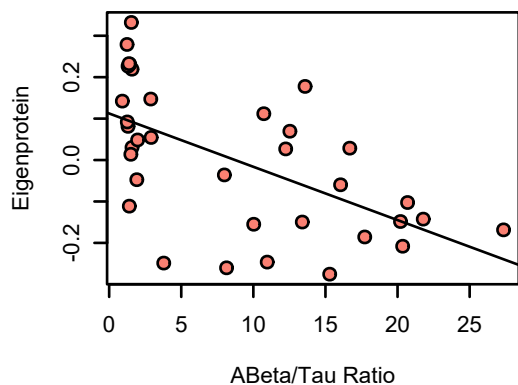
MEsalmon.Plasma (Synthetic)
ANOVA p: 0.00038



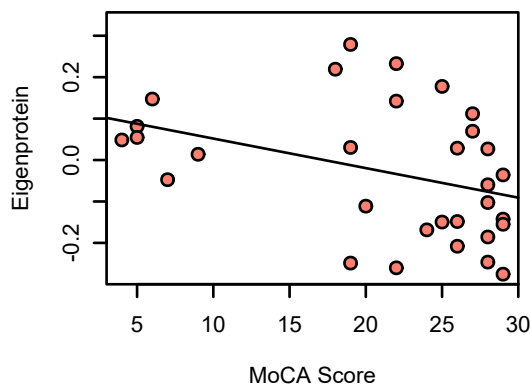
MEsalmon.Plasma (Synthetic)
ANOVA p: 0.0041



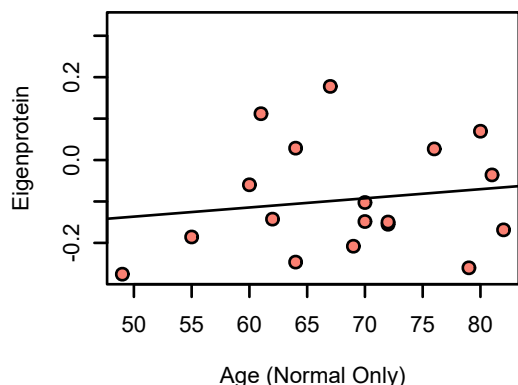
bicor=-0.6, p=0.00014
cor=-0.59, p=0.00019



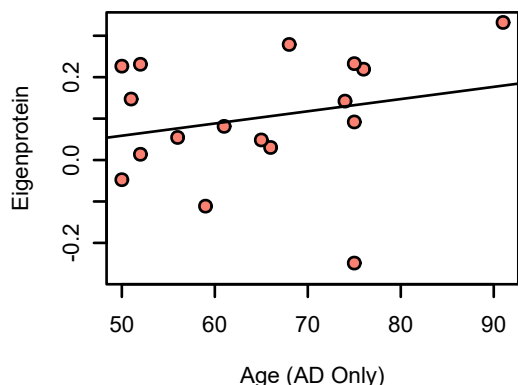
bicor=-0.42, p=0.02
cor=-0.38, p=0.035

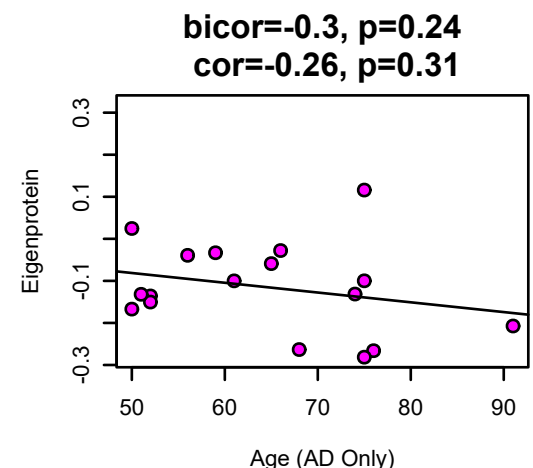
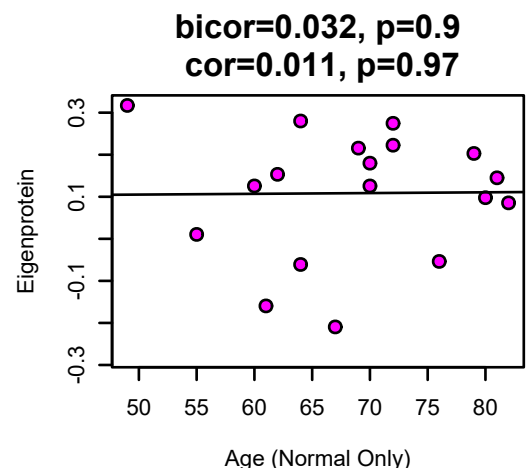
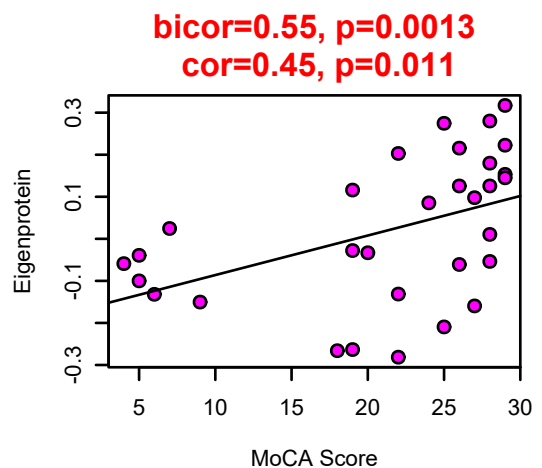
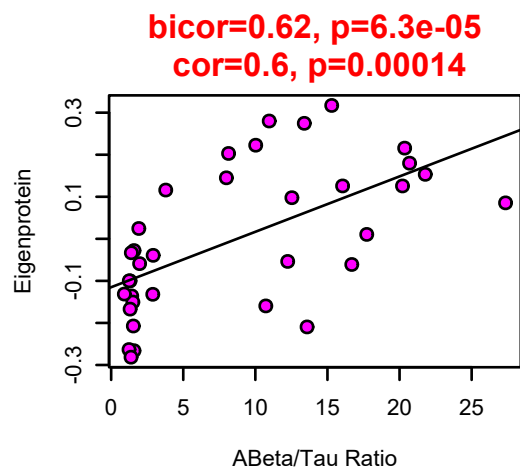
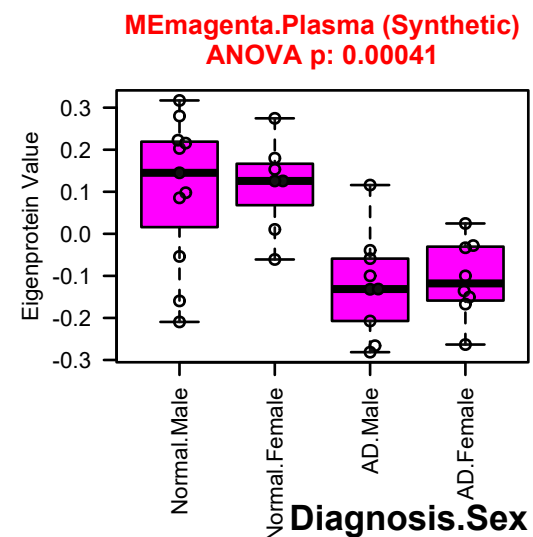
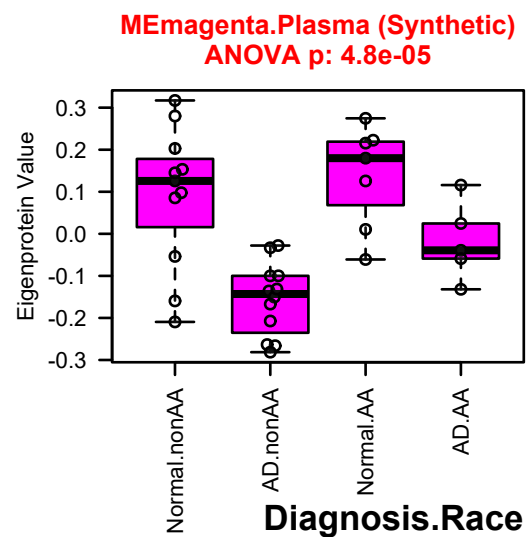
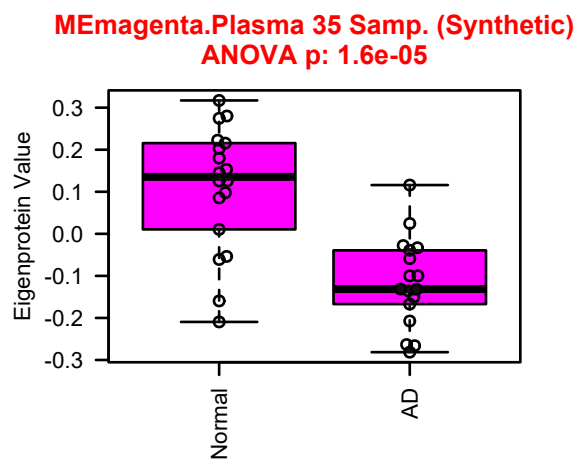
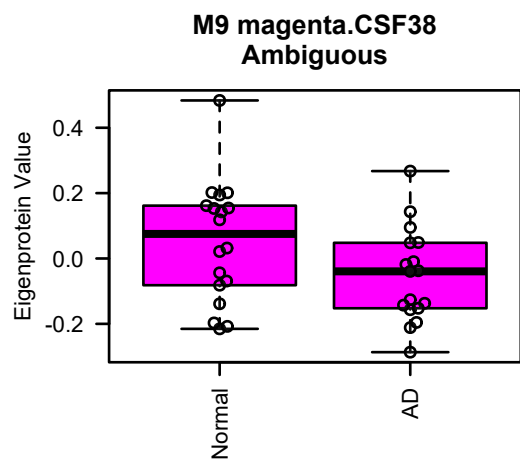
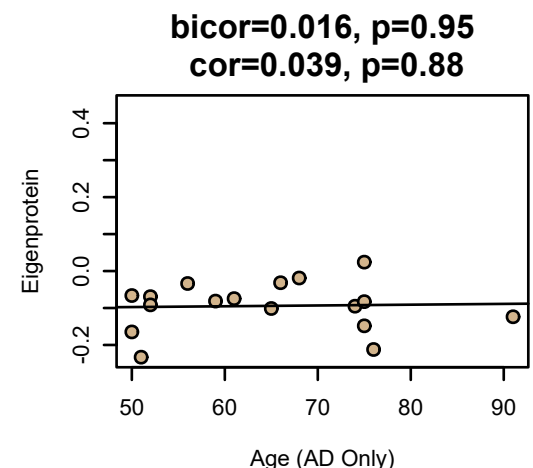
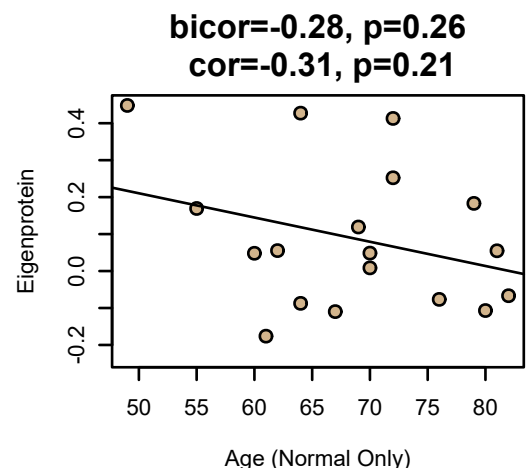
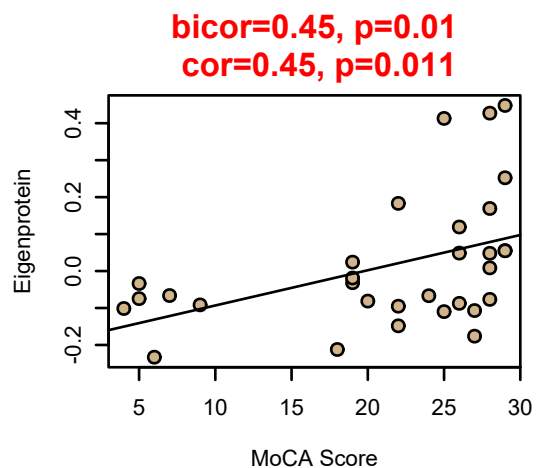
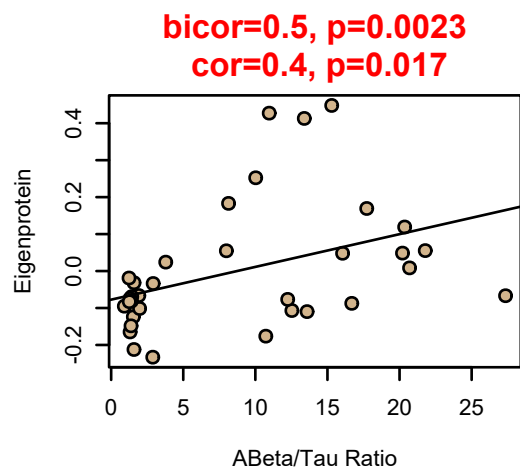
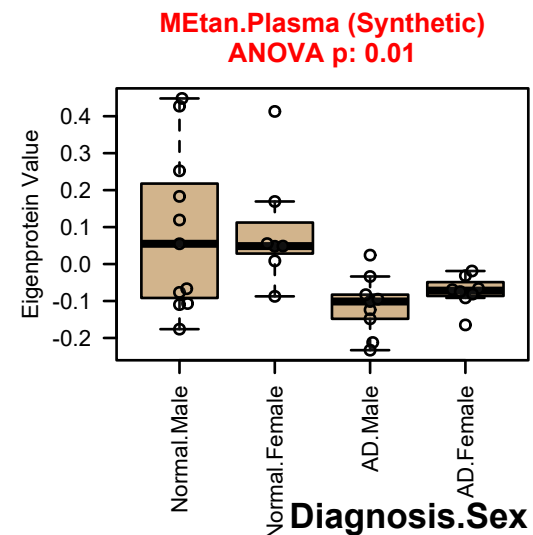
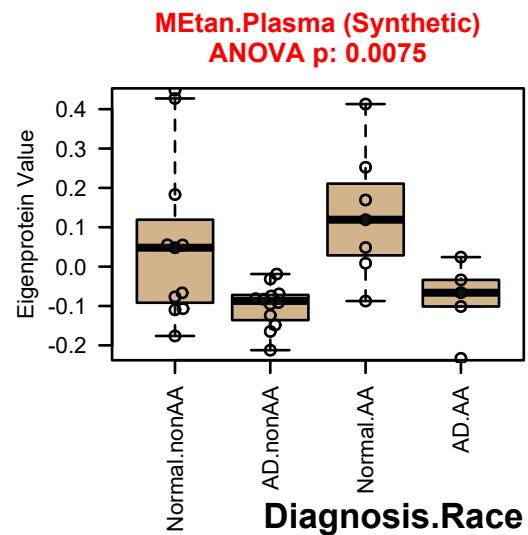
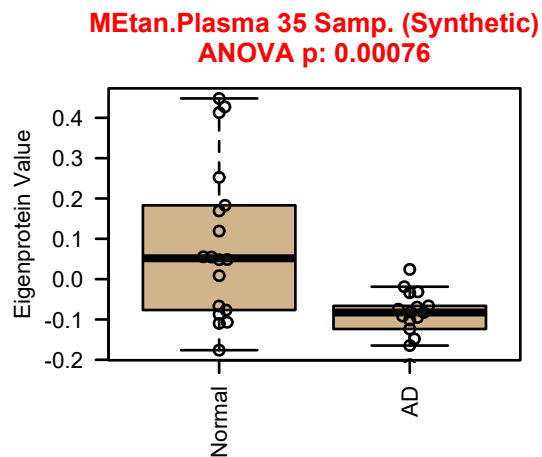
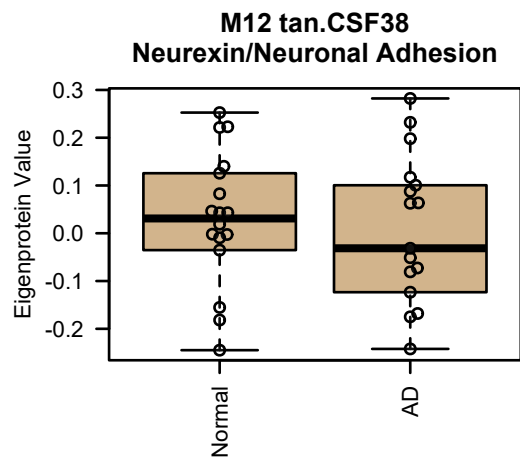


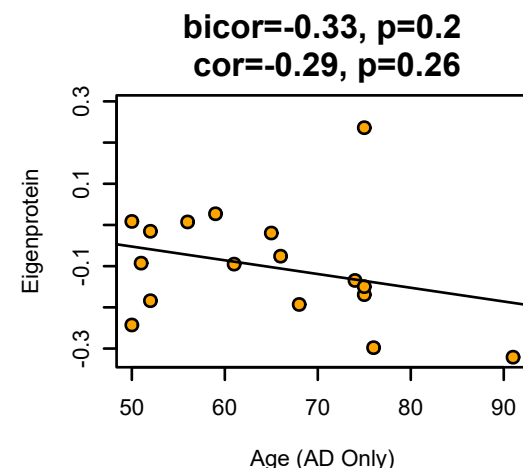
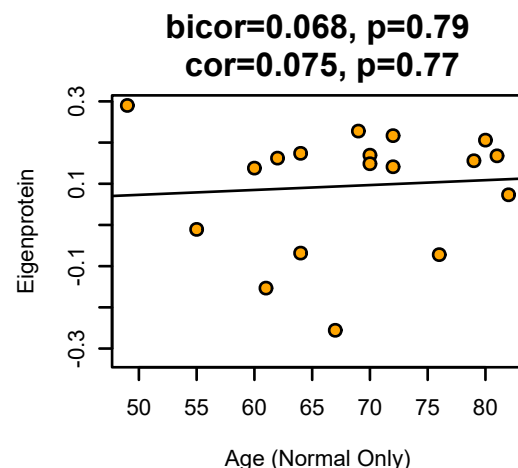
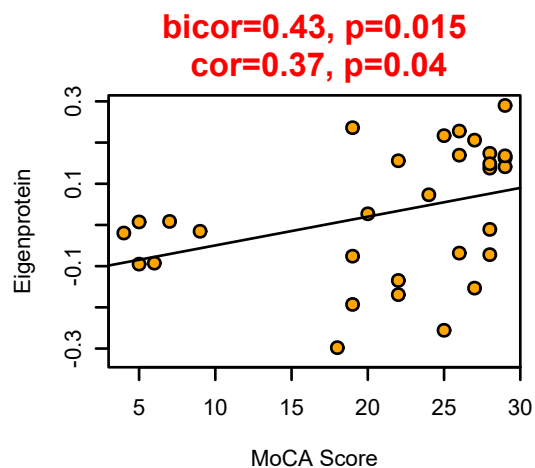
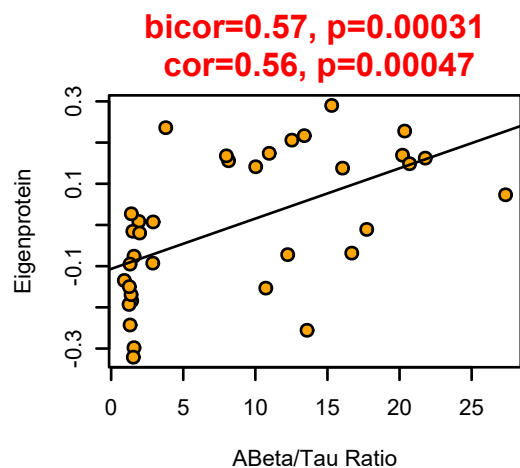
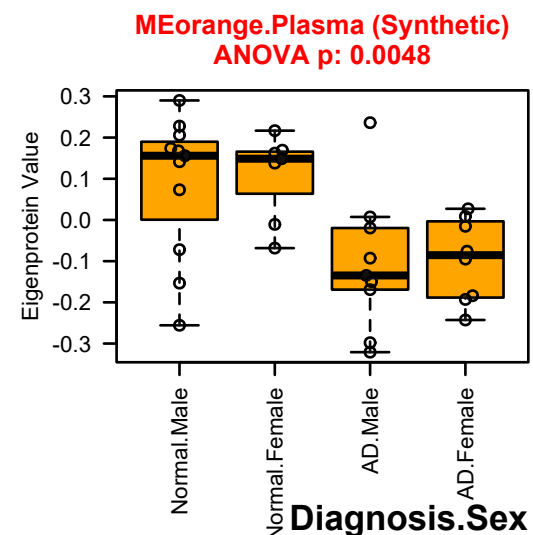
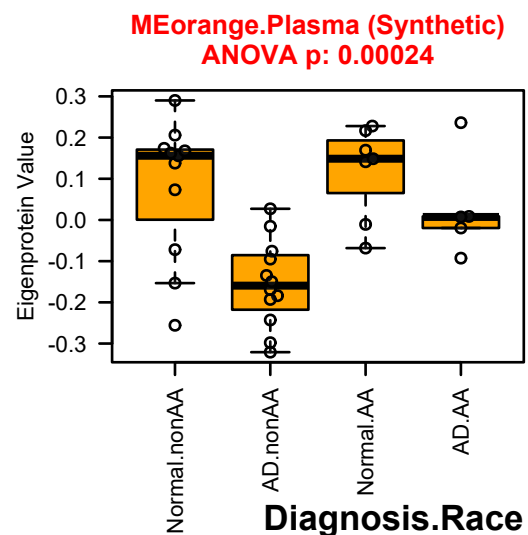
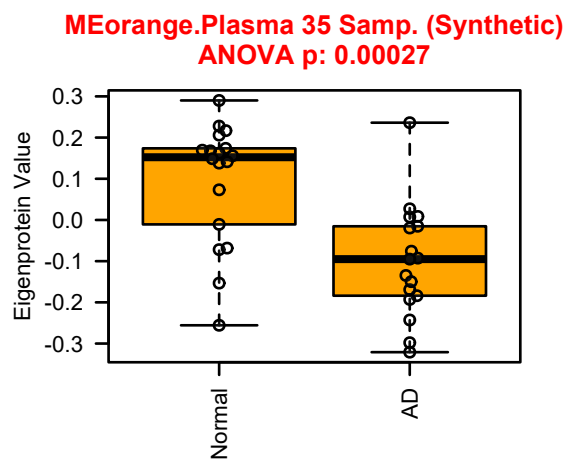
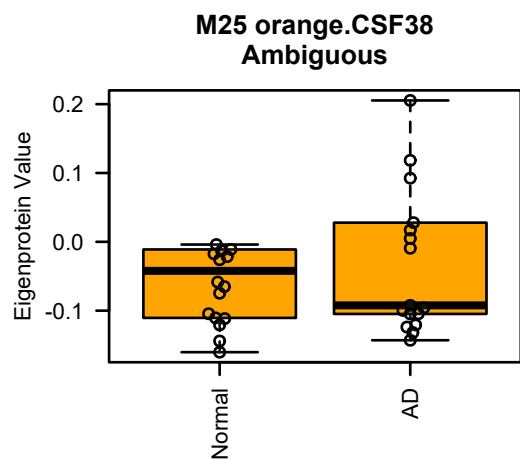
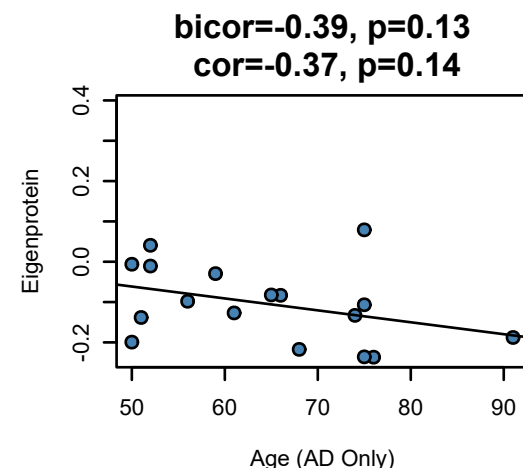
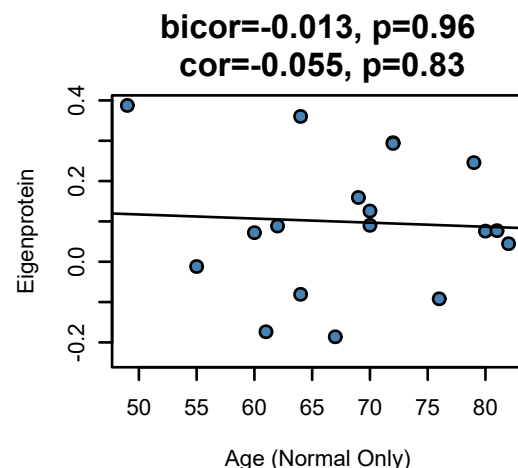
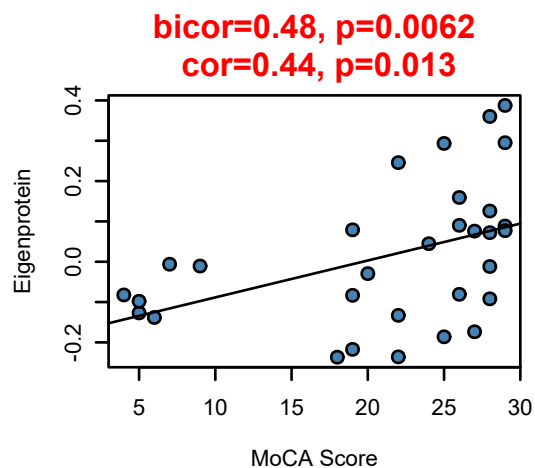
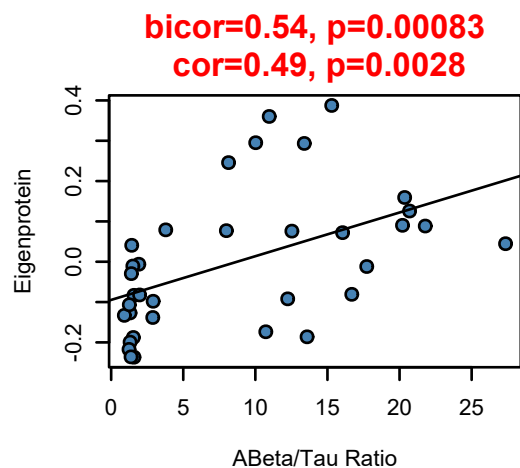
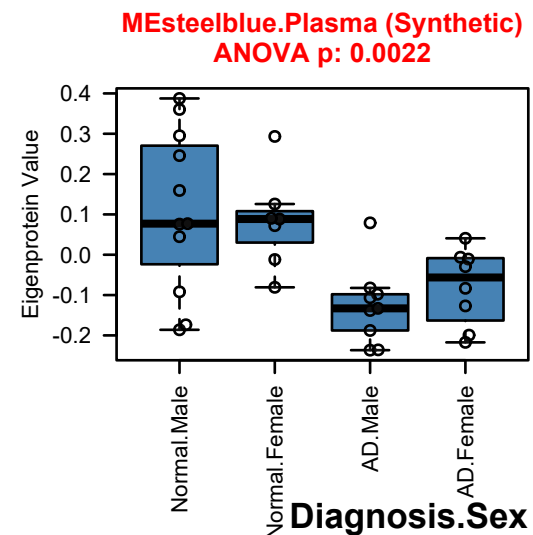
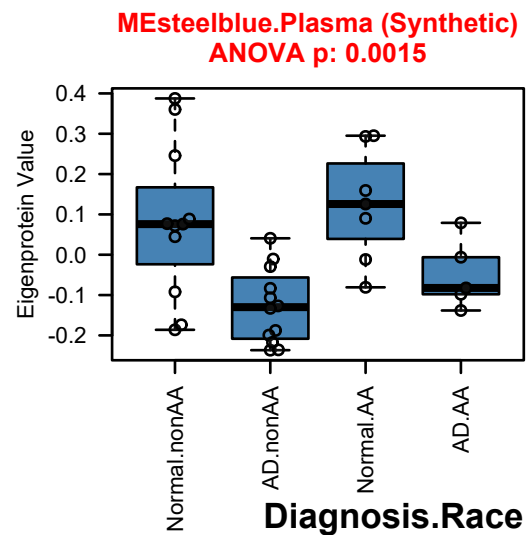
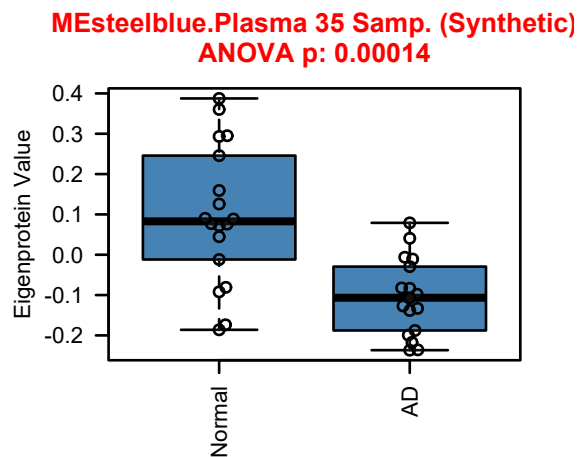
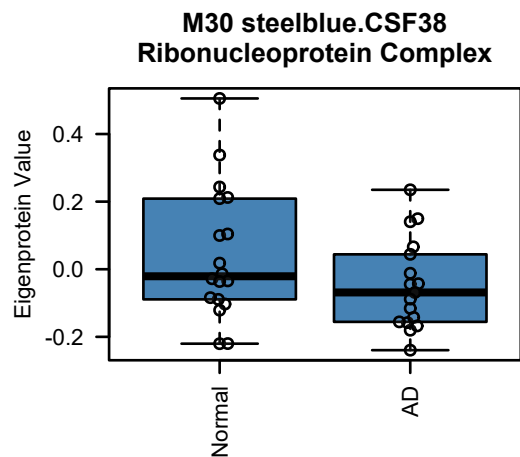
bicor=0.11, p=0.67
cor=0.15, p=0.55



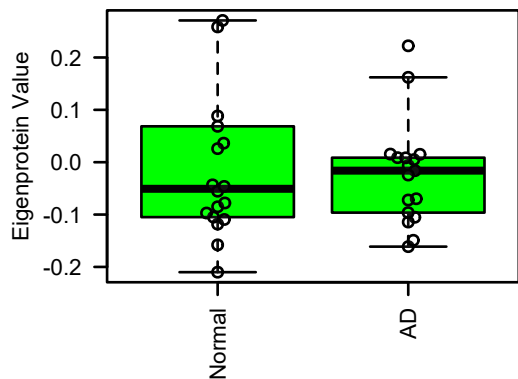
bicor=0.23, p=0.37
cor=0.24, p=0.35



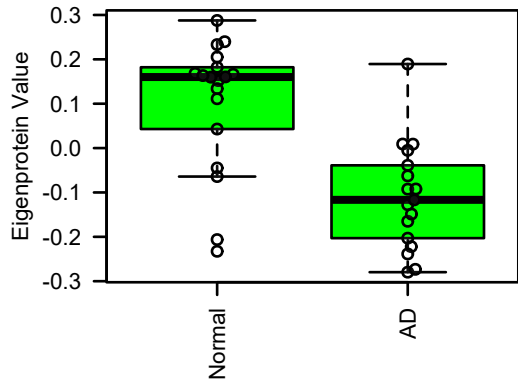




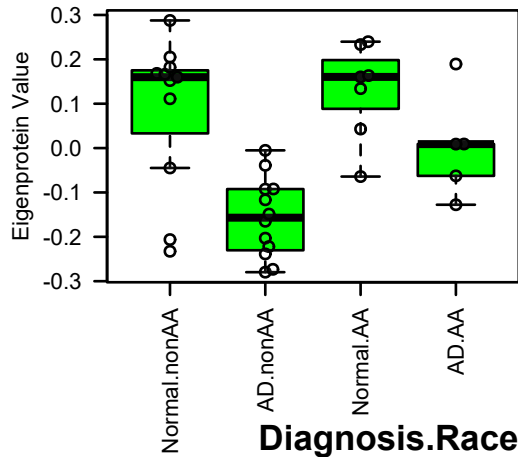
M5 green.CSF38
Compound Metabolism/Heat Shock Protein Bi



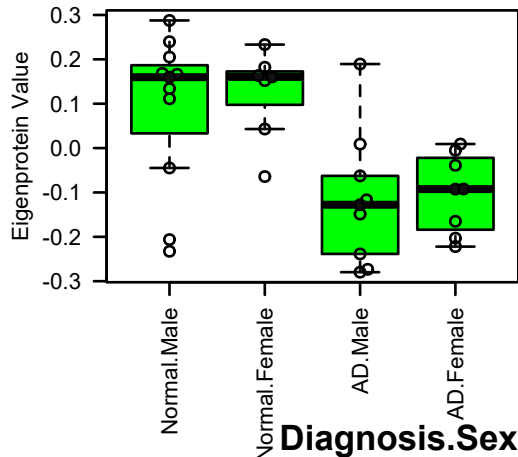
MEgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 5.3e-05



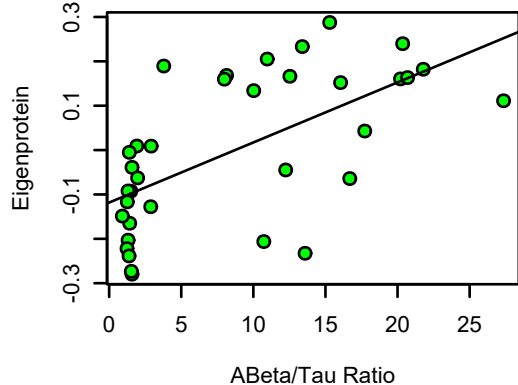
MEgreen.Plasma (Synthetic)
ANOVA p: 8.7e-05



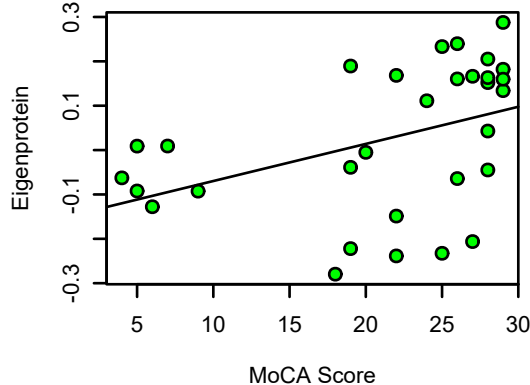
MEgreen.Plasma (Synthetic)
ANOVA p: 0.0011



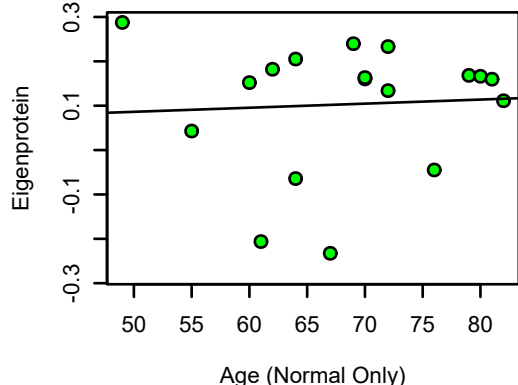
bicor=0.63, p=4.9e-05
cor=0.62, p=7.1e-05



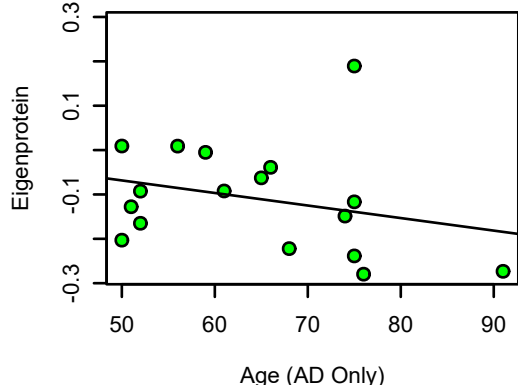
bicor=0.49, p=0.0047
cor=0.42, p=0.019



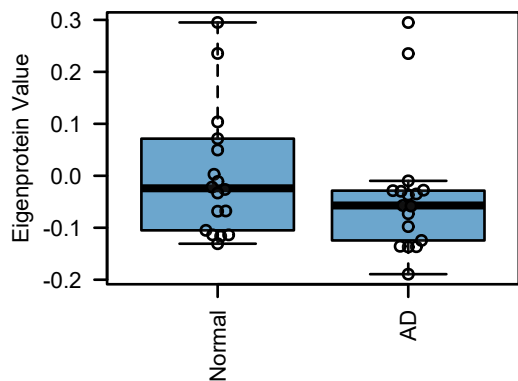
bicor=-0.12, p=0.64
cor=0.057, p=0.82



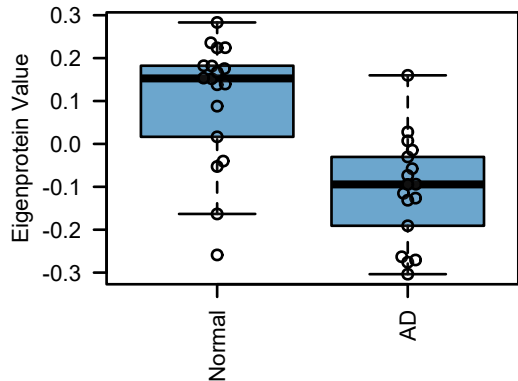
bicor=-0.33, p=0.2
cor=-0.28, p=0.28



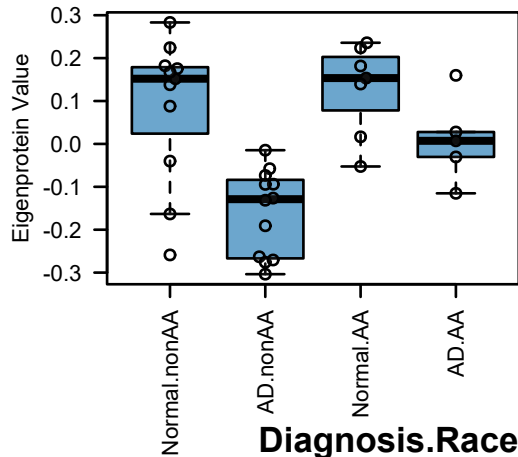
M37 skyblue3.CSF38
RNA Binding/Metabolism



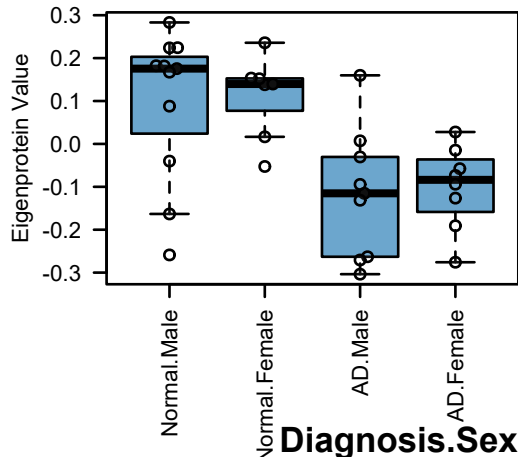
MEskyblue3.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.1e-05



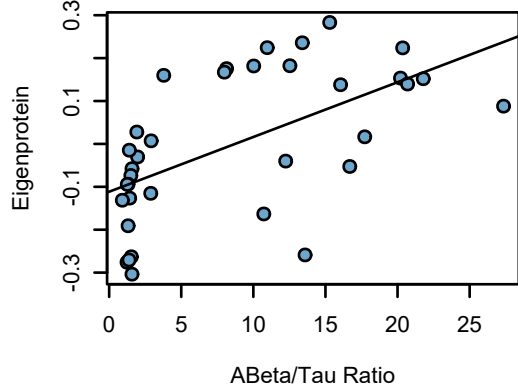
MEskyblue3.Plasma (Synthetic)
ANOVA p: 7.8e-05



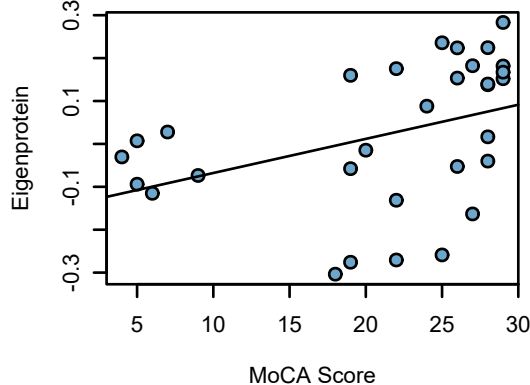
MEskyblue3.Plasma (Synthetic)
ANOVA p: 0.0013



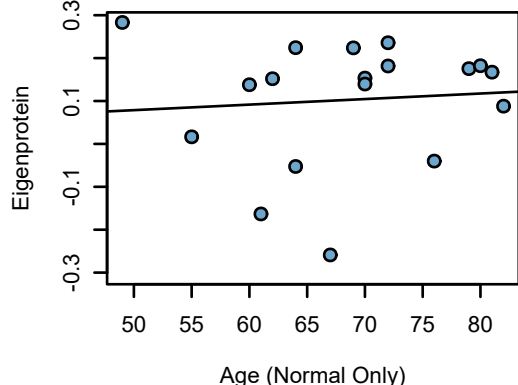
bicor=0.6, p=0.00014
cor=0.58, p=0.00026



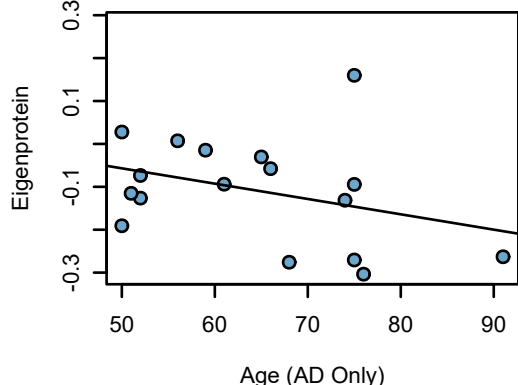
bicor=0.52, p=0.0026
cor=0.39, p=0.03

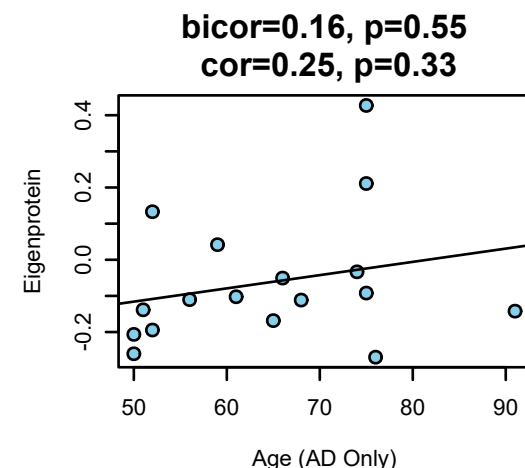
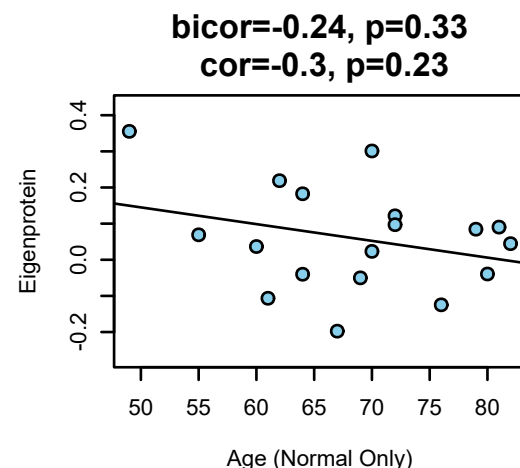
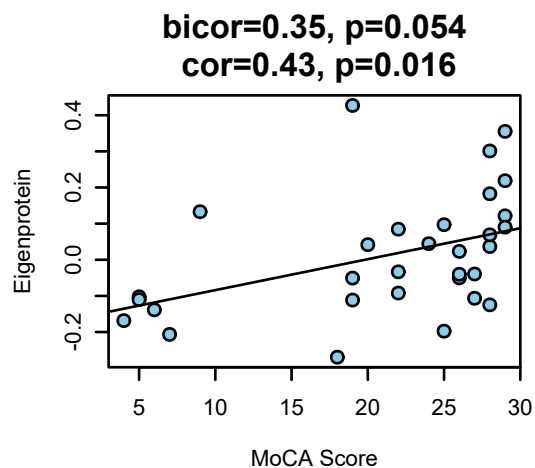
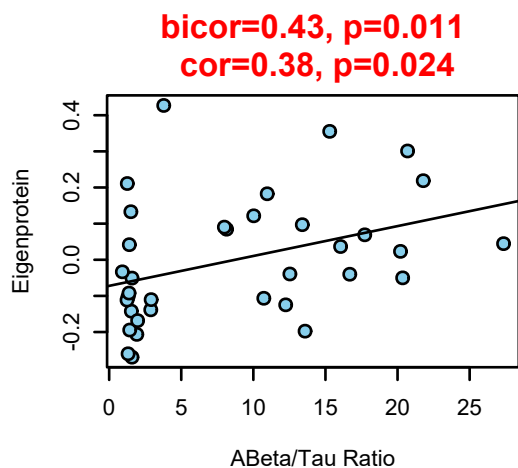
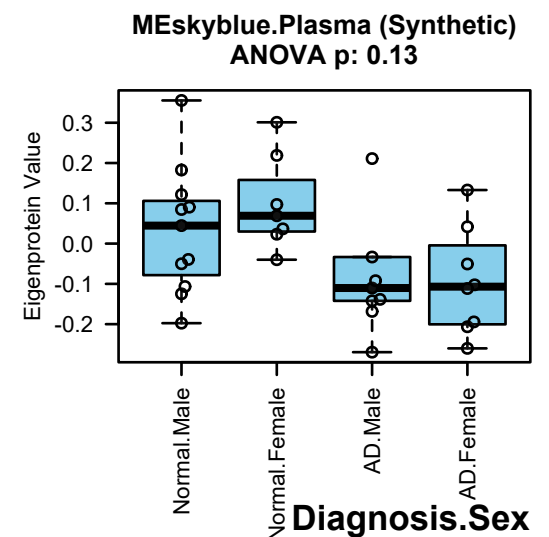
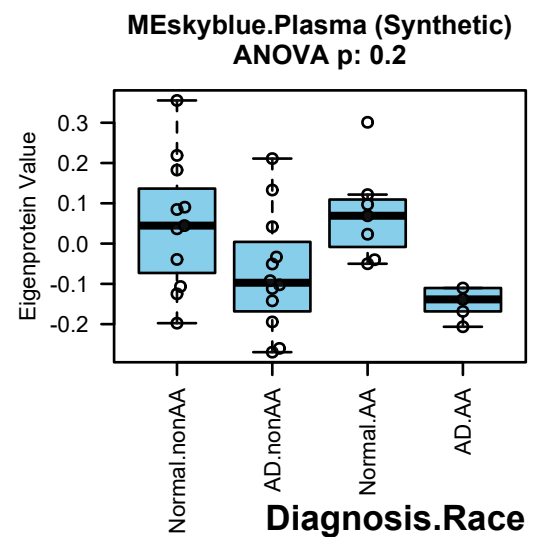
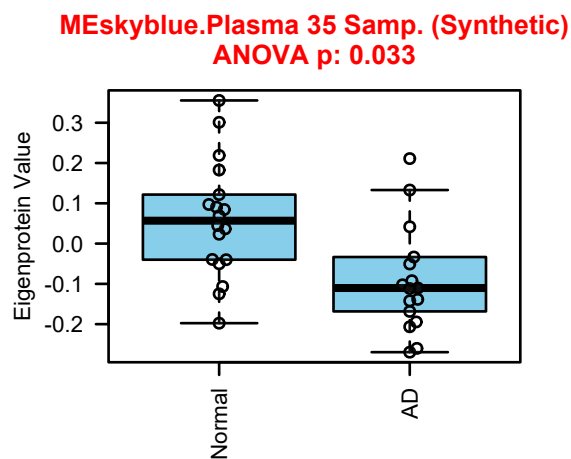
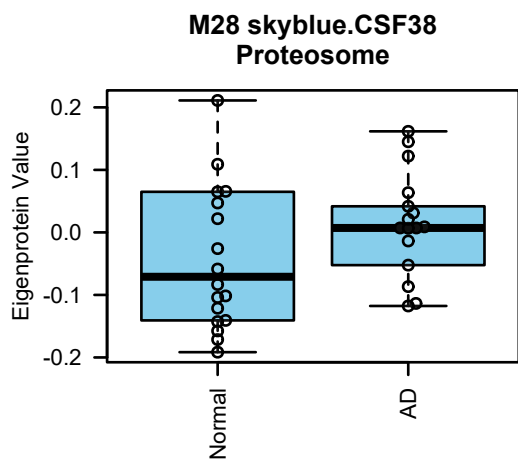
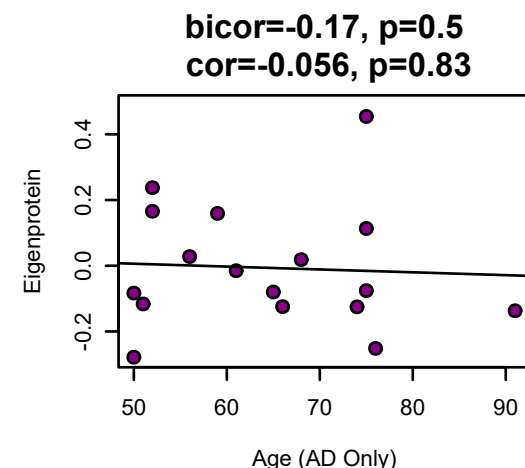
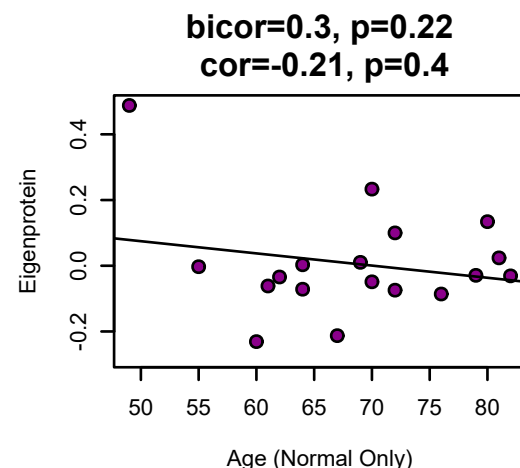
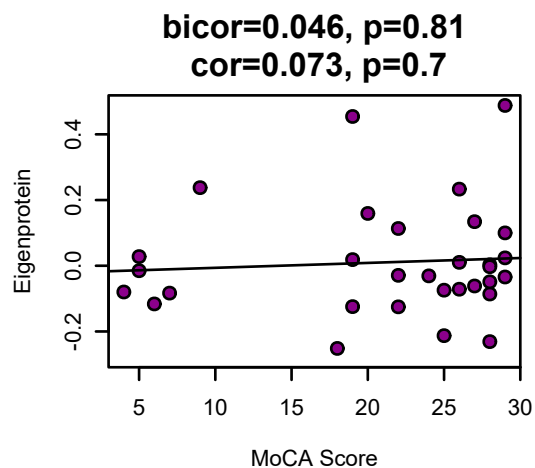
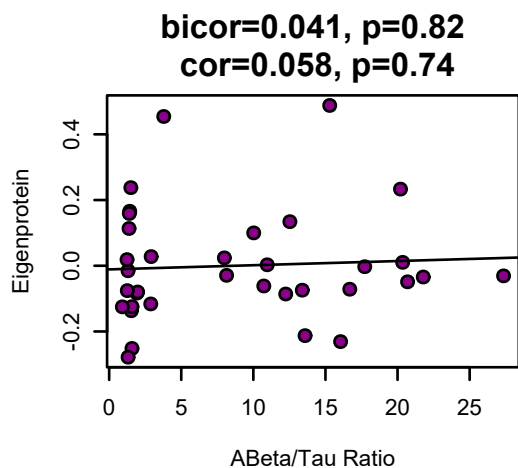
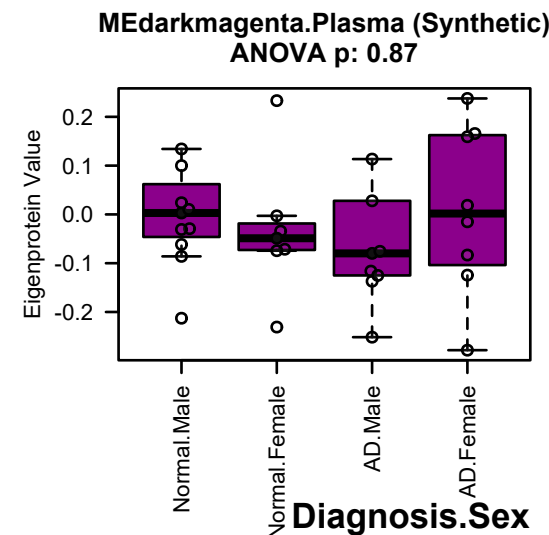
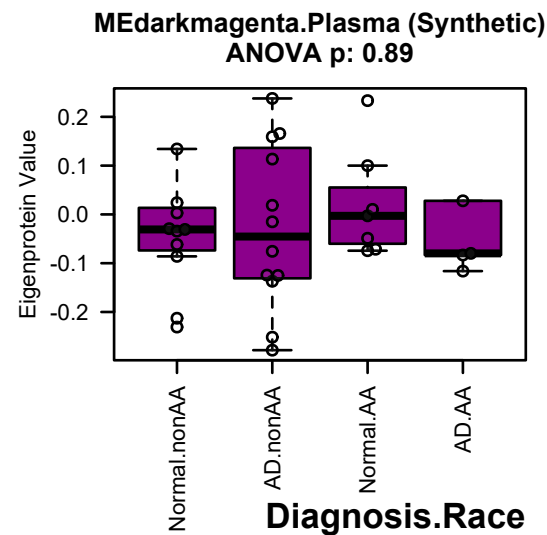
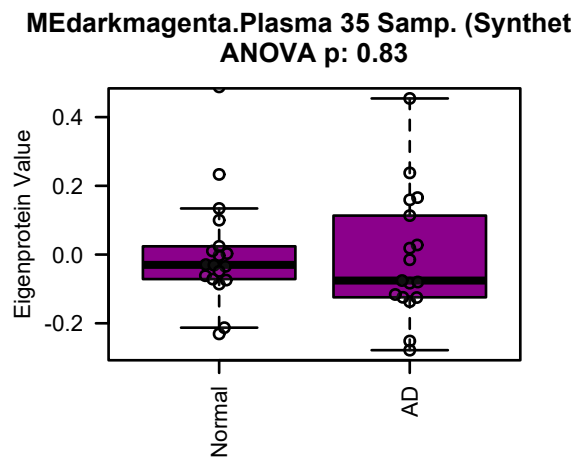
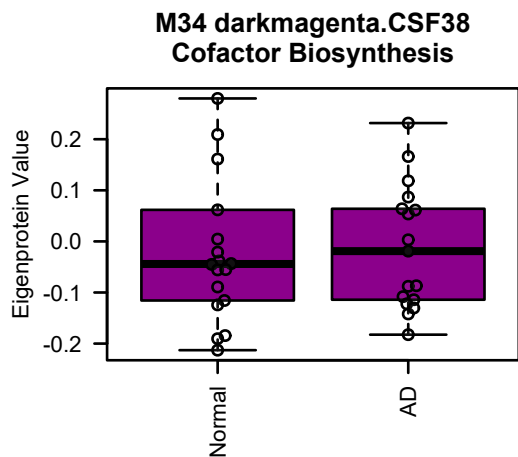


bicor=0.087, p=0.73
cor=0.081, p=0.75

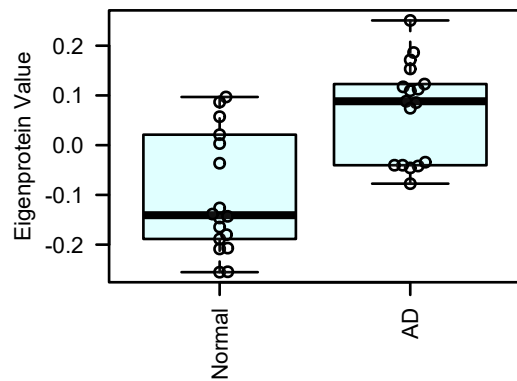


bicor=-0.35, p=0.17
cor=-0.34, p=0.18

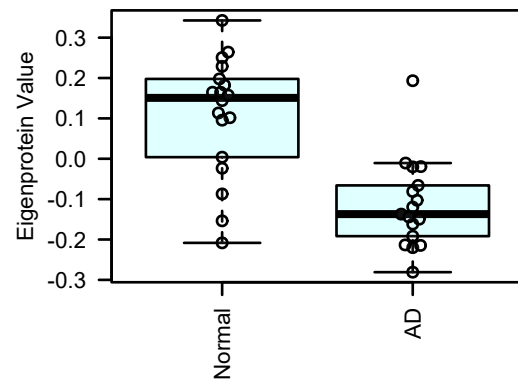




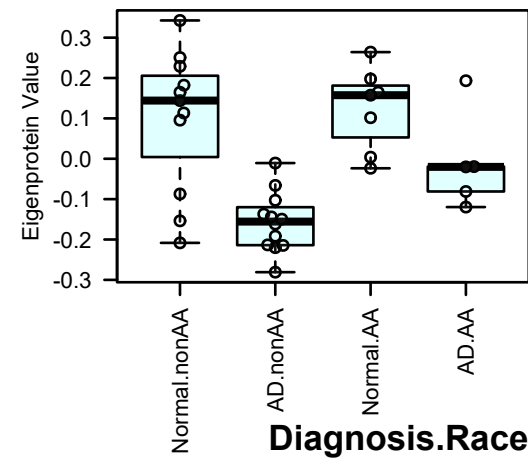
M16 lightcyan.CSF38
Sugar Metabolism



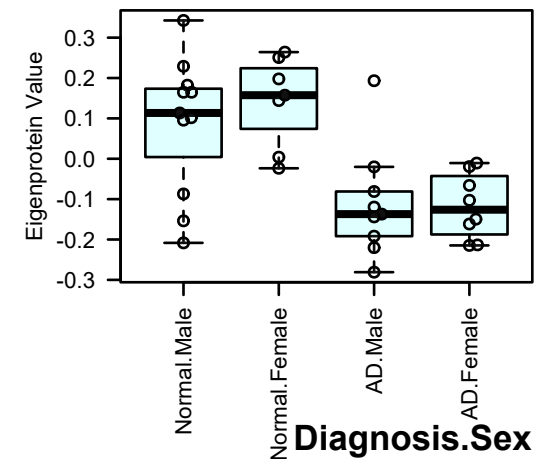
MElightcyan.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.9e-05



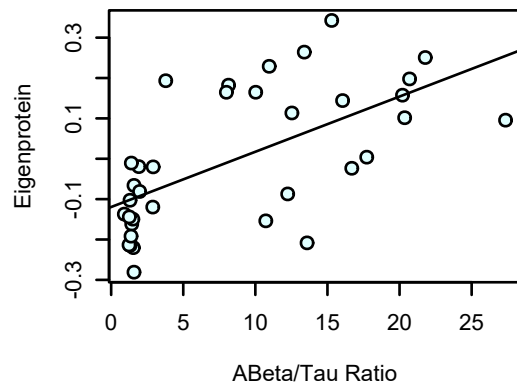
MElightcyan.Plasma (Synthetic)
ANOVA p: 5.1e-05



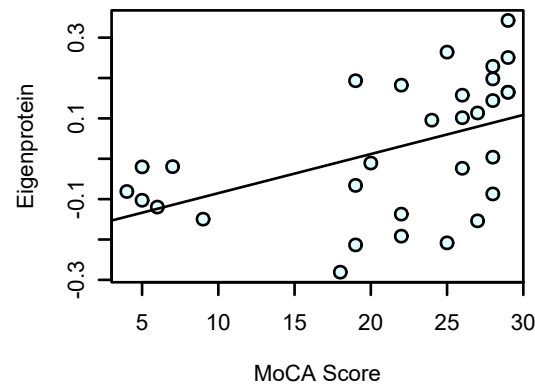
MElightcyan.Plasma (Synthetic)
ANOVA p: 0.00035



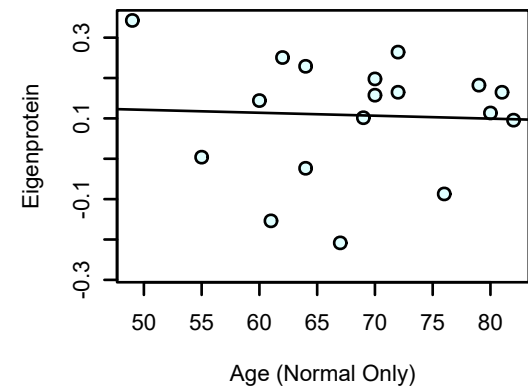
bicor=0.64, p=3e-05
cor=0.62, p=7.1e-05



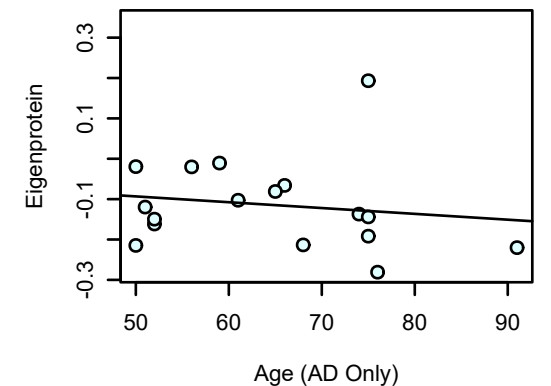
bicor=0.51, p=0.0035
cor=0.48, p=0.0063



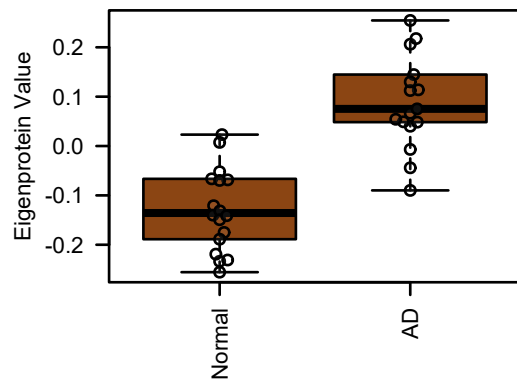
bicor=-0.044, p=0.86
cor=-0.045, p=0.86



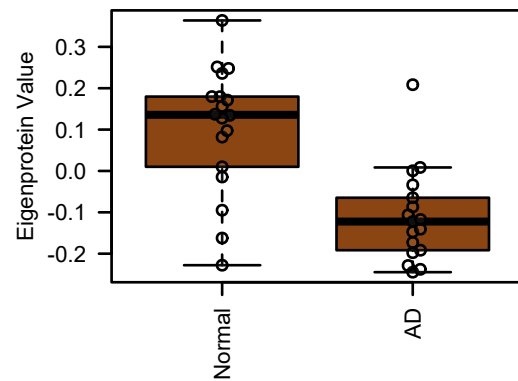
bicor=-0.28, p=0.28
cor=-0.16, p=0.54



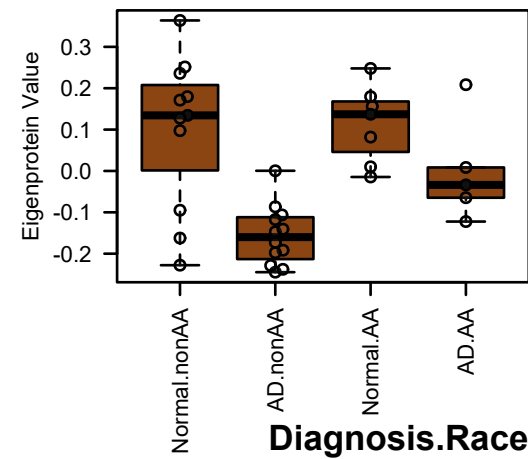
M29 saddlebrown.CSF38
Sugar Metabolism/Actin Depolymerization



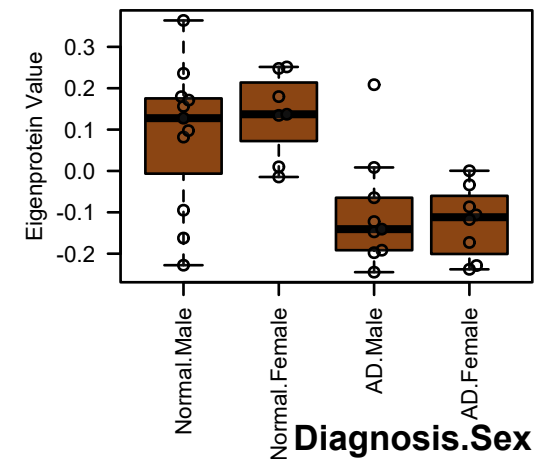
MEsaddlebrown.Plasma 35 Samp. (Synthetic)
ANOVA p: 4.3e-05



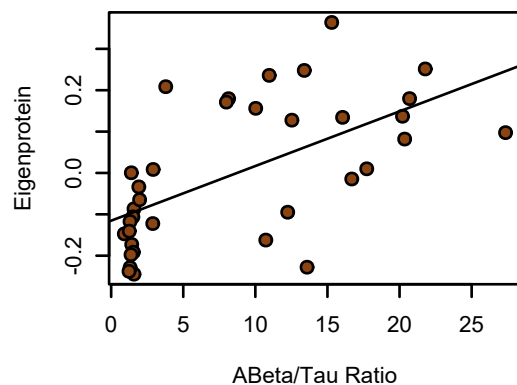
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 1e-04



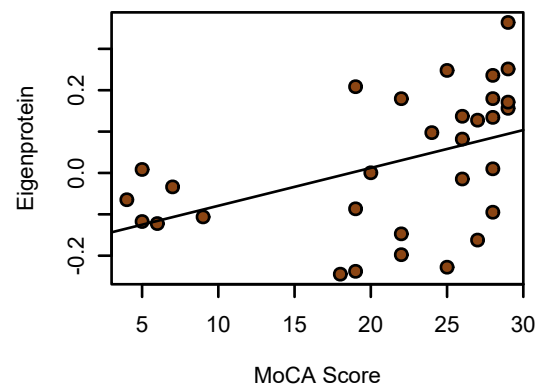
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 0.00074



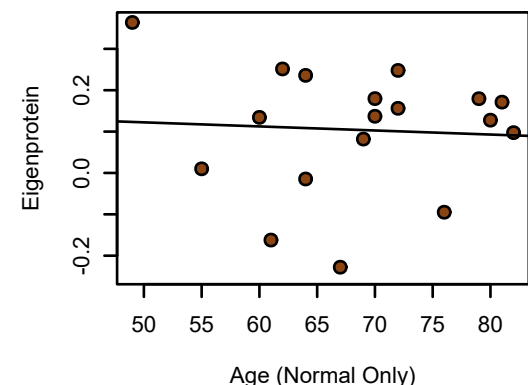
bicor=0.62, p=6.5e-05
cor=0.6, p=0.00014



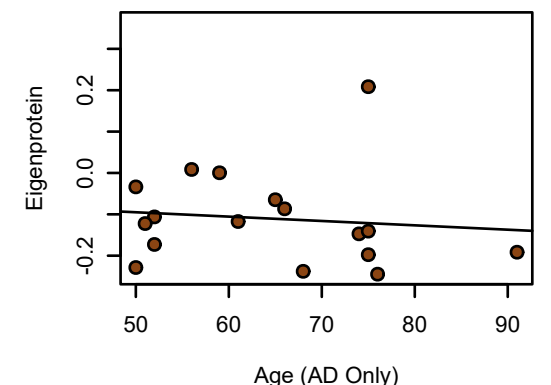
bicor=0.53, p=0.0024
cor=0.45, p=0.011

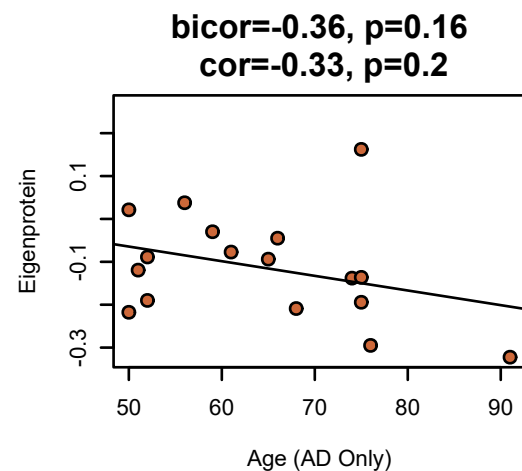
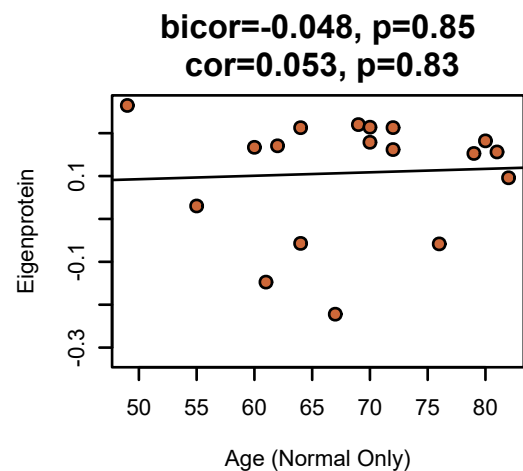
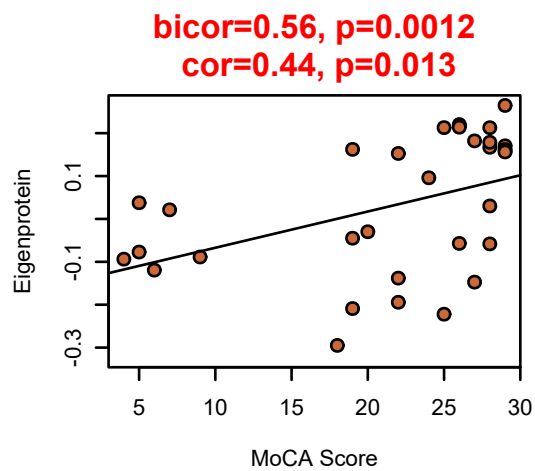
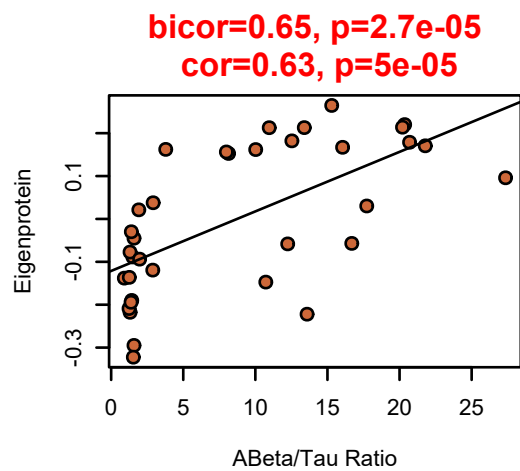
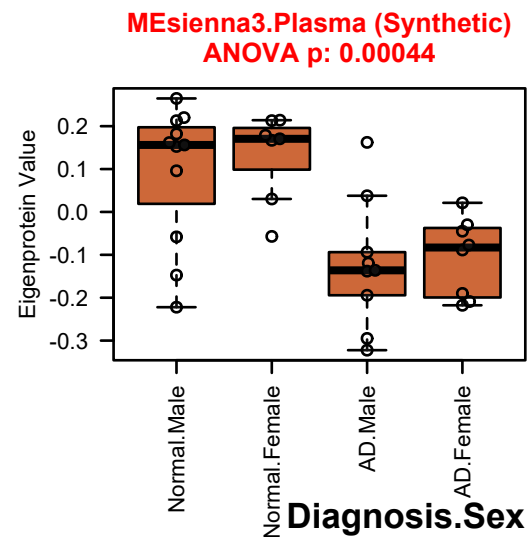
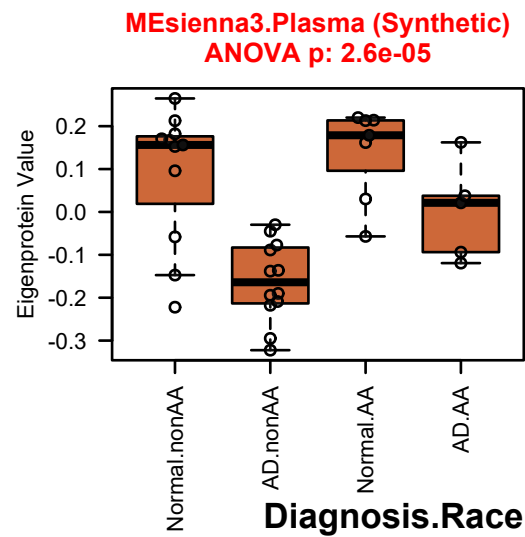
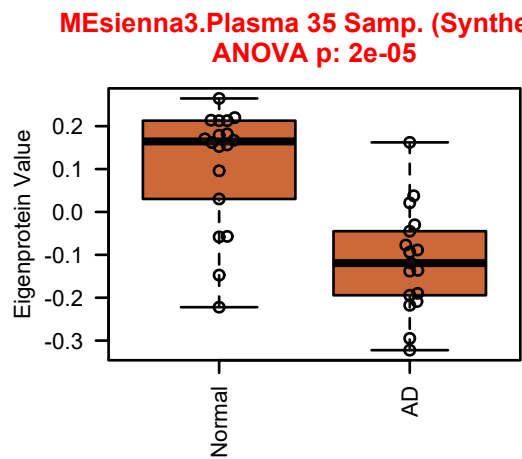
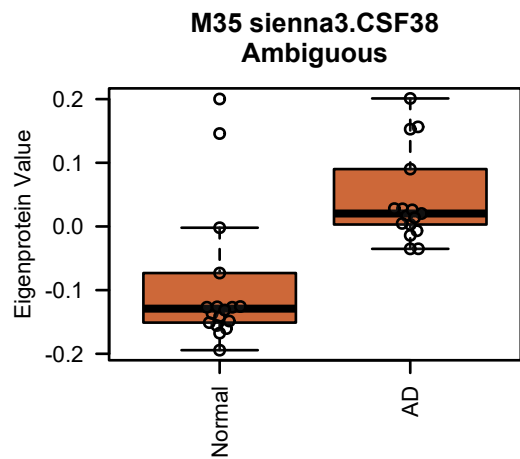
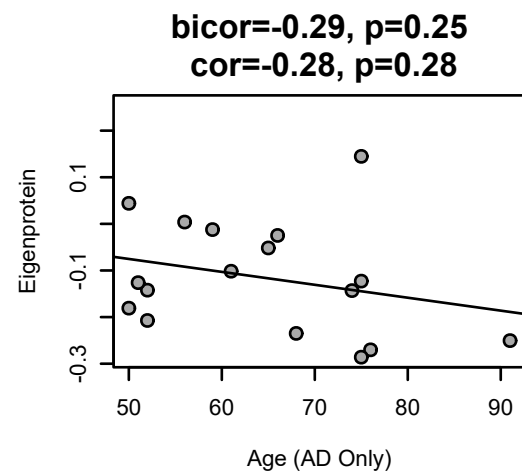
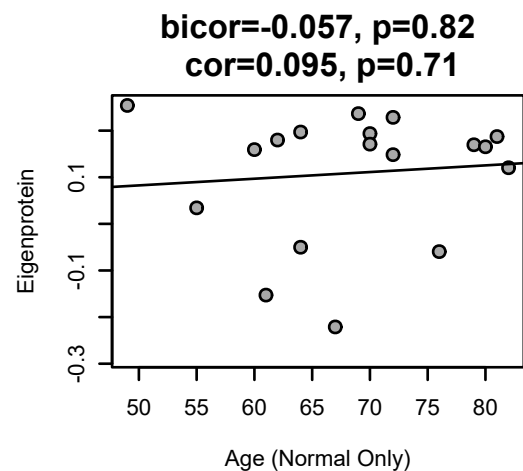
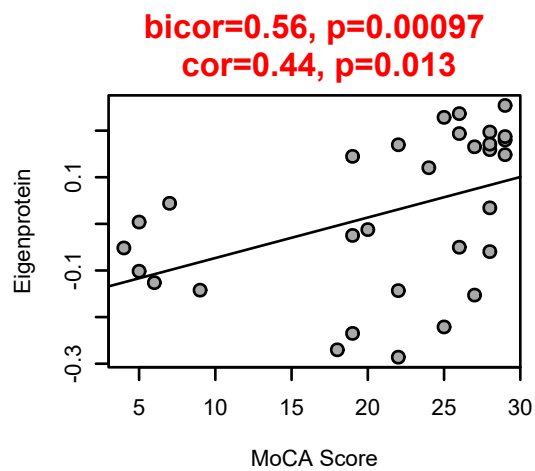
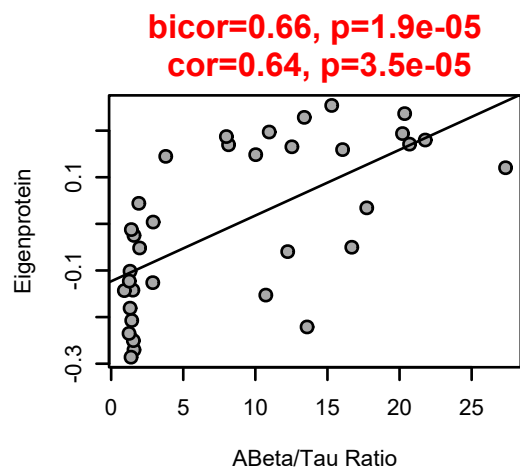
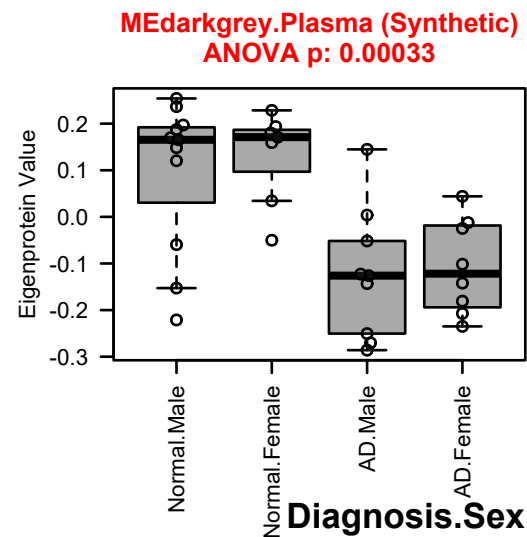
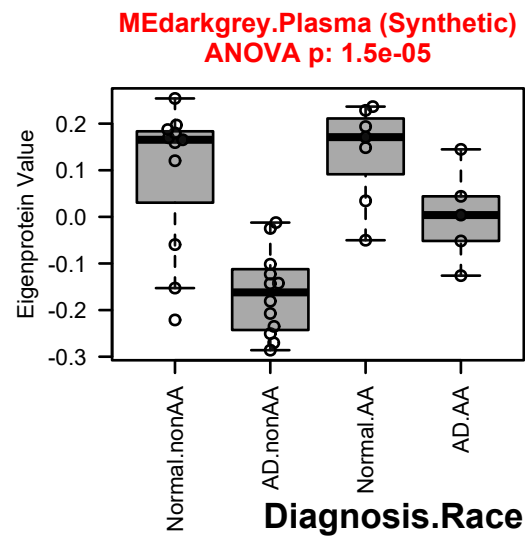
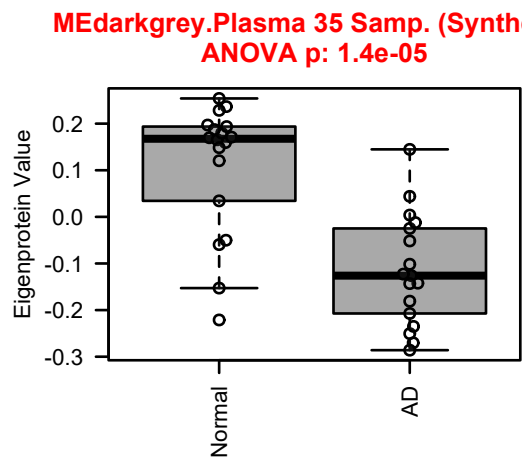
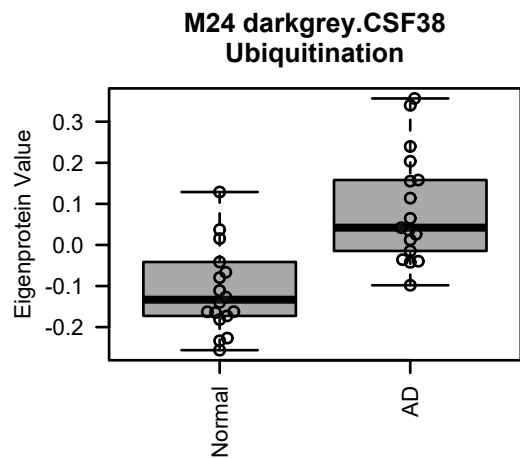


bicor=-0.028, p=0.91
cor=-0.06, p=0.81

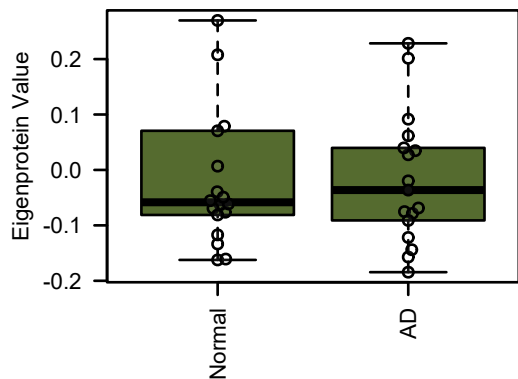


bicor=-0.23, p=0.37
cor=-0.11, p=0.67

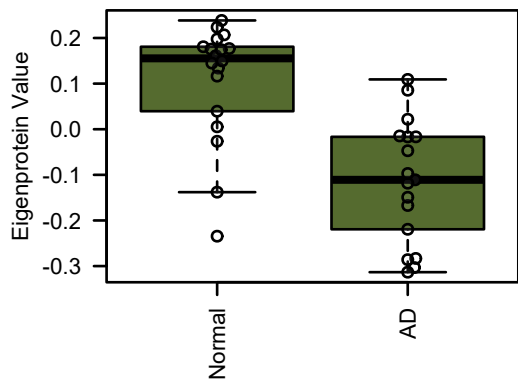




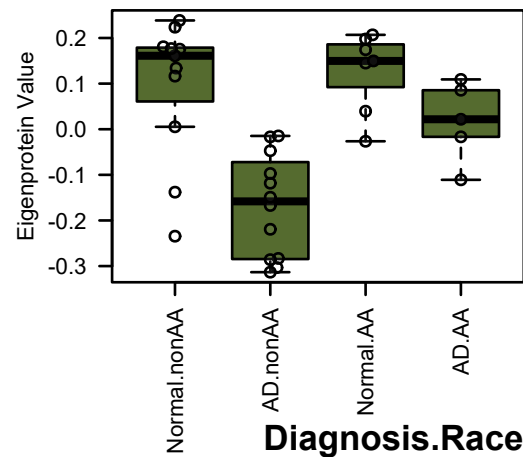
M33 darkolivegreen.CSF38
Translation/Sugar Binding



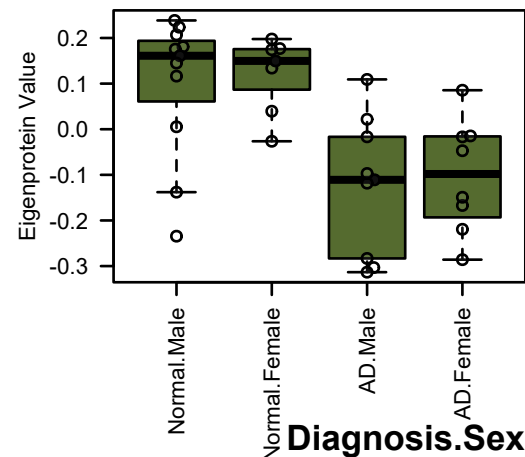
MEdarkolivegreen.Plasma 35 Samp. (Synthe
ANOVA p: 2.2e-05



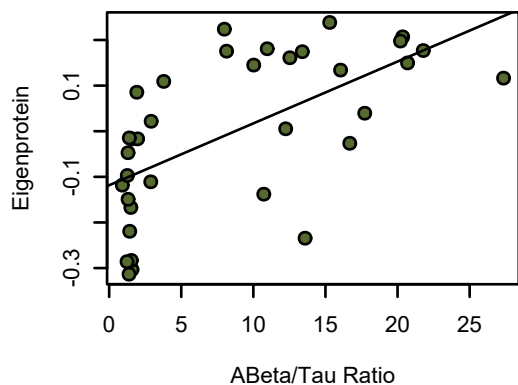
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 1.4e-05



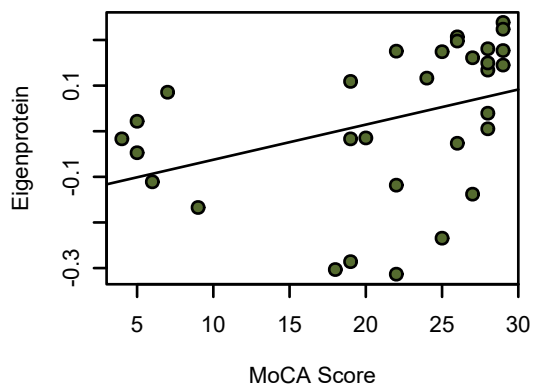
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 0.00053



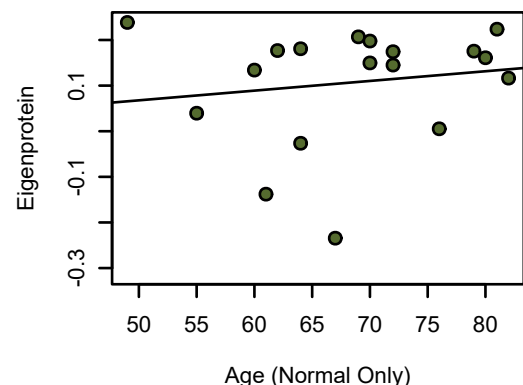
bicor=0.63, p=4.9e-05
cor=0.62, p=7.1e-05



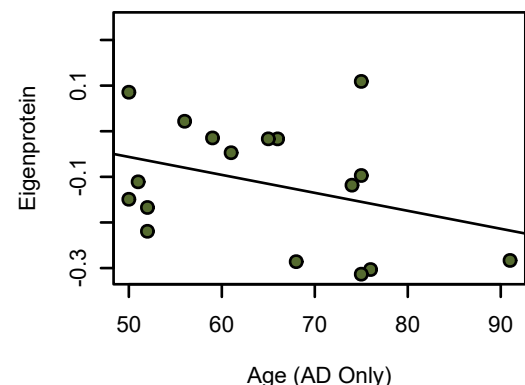
bicor=0.58, p=0.00059
cor=0.39, p=0.03



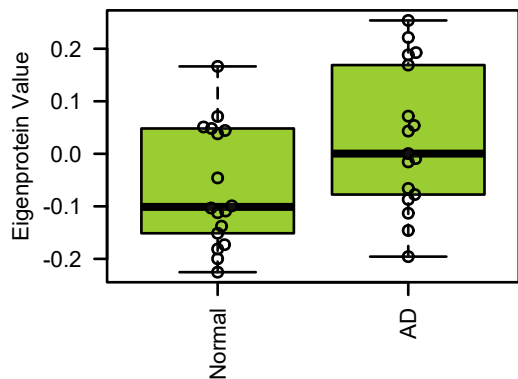
bicor=0.078, p=0.76
cor=0.15, p=0.55



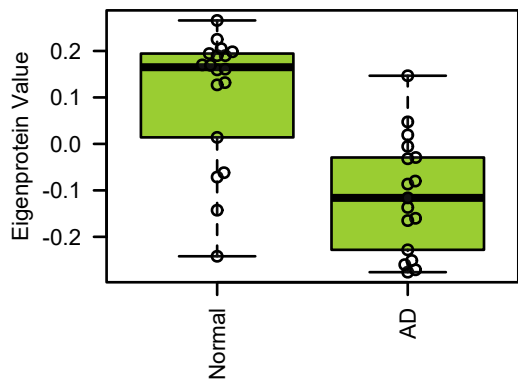
bicor=-0.34, p=0.19
cor=-0.35, p=0.17



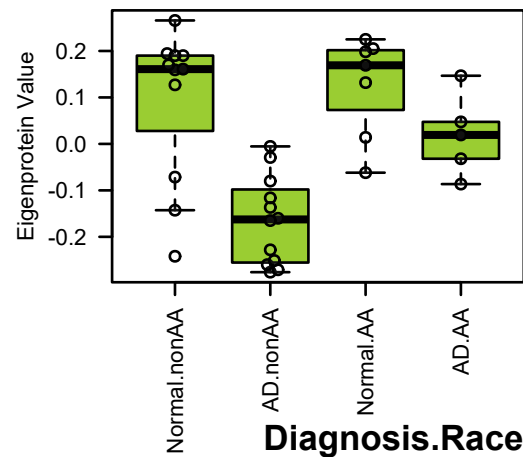
M36 yellowgreen.CSF38
Organelle Organization/Biogenesis



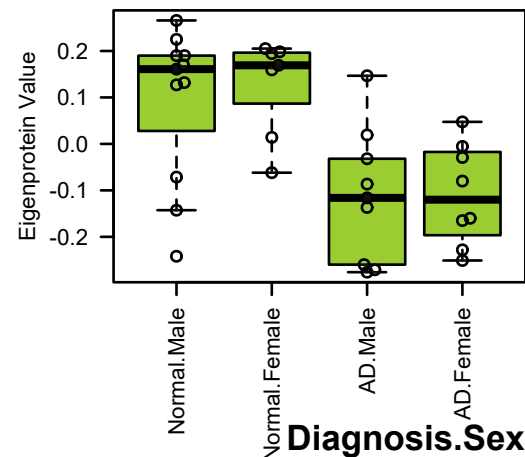
MEyellowgreen.Plasma 35 Samp. (Syntheti
ANOVA p: 3.9e-05



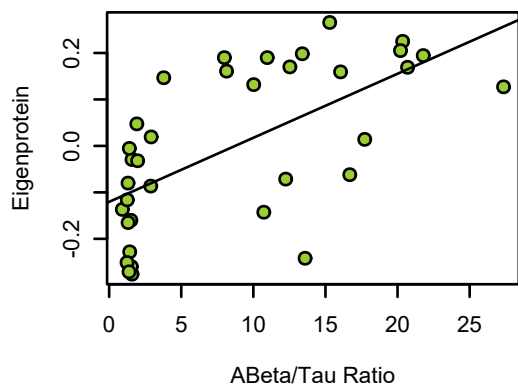
MEyellowgreen.Plasma (Synthetic)
ANOVA p: 2.8e-05



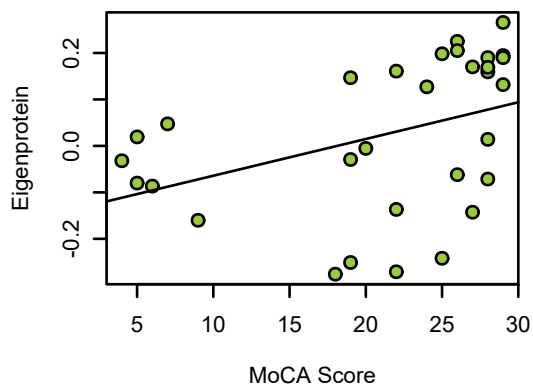
MEyellowgreen.Plasma (Synthetic)
ANOVA p: 0.00084



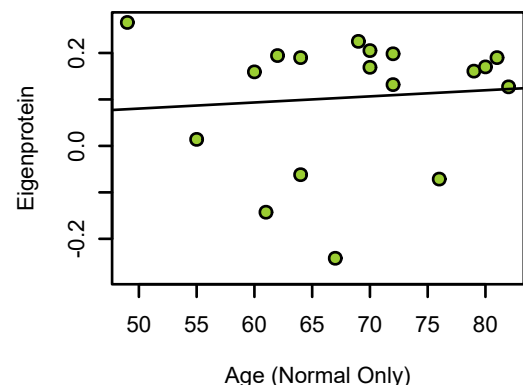
bicor=0.64, p=3.7e-05
cor=0.63, p=5e-05



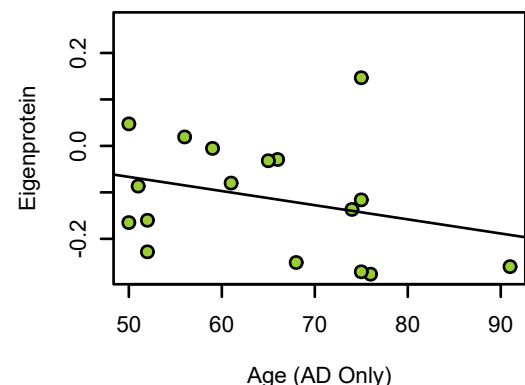
bicor=0.53, p=0.0024
cor=0.4, p=0.026

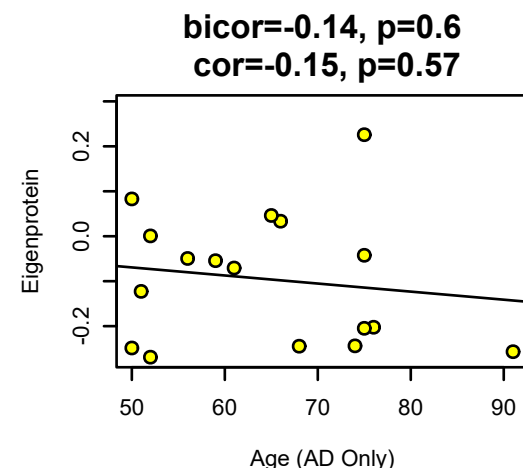
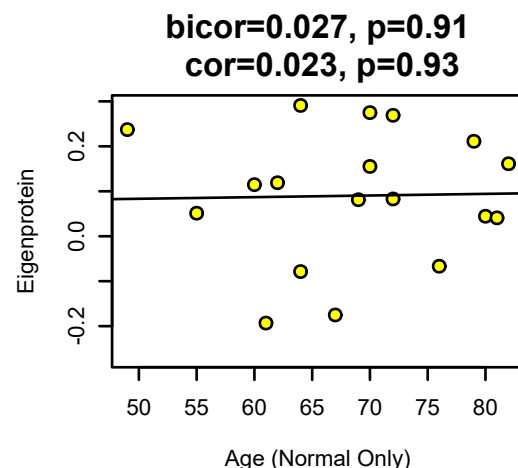
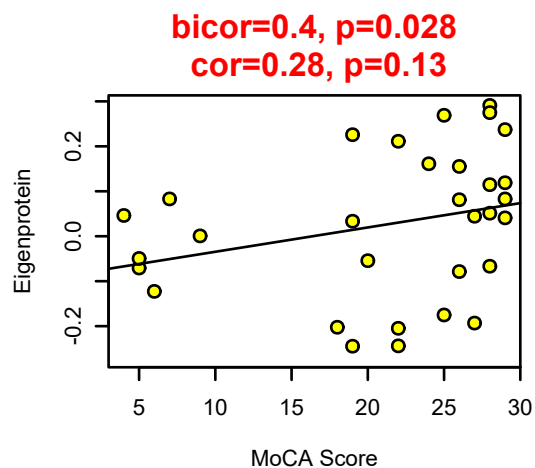
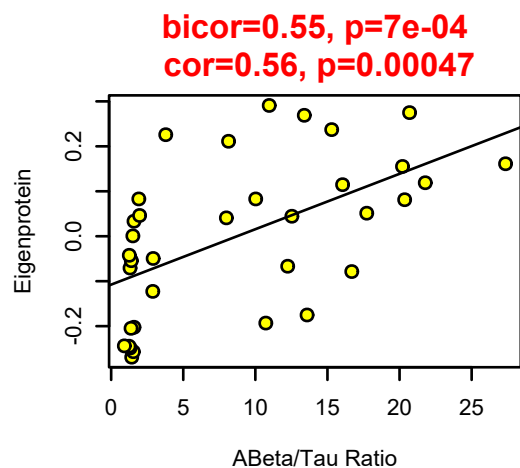
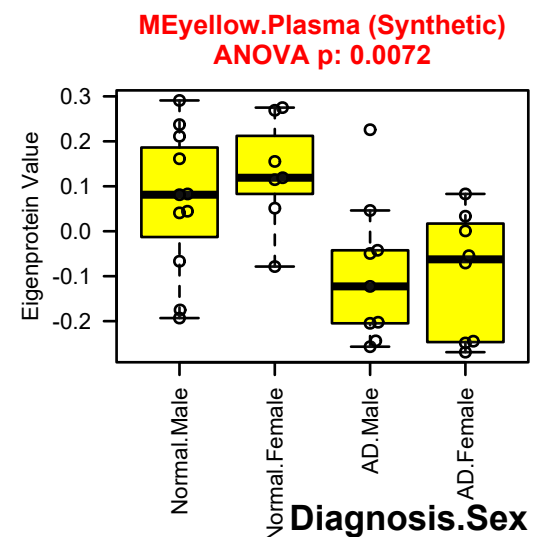
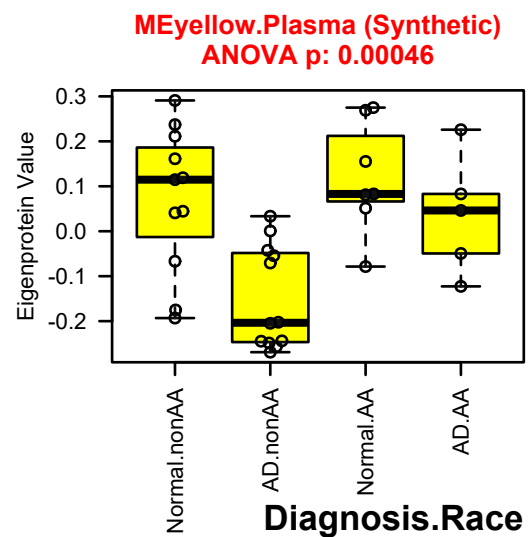
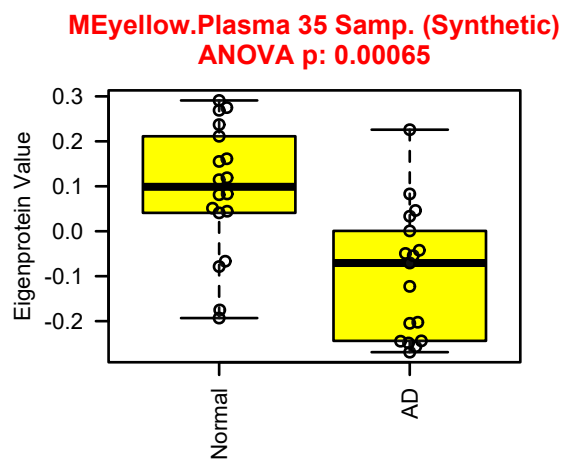
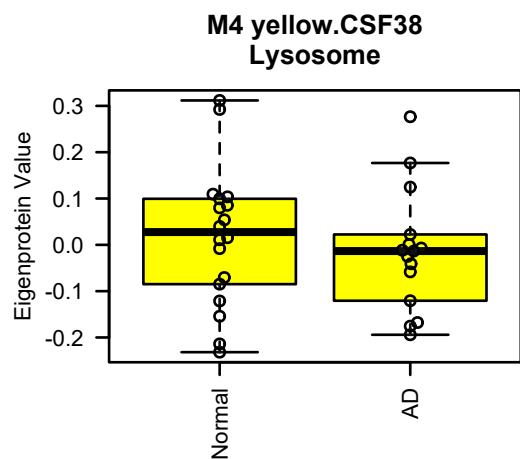
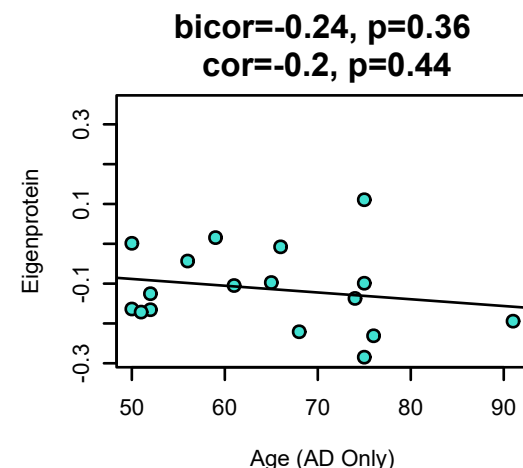
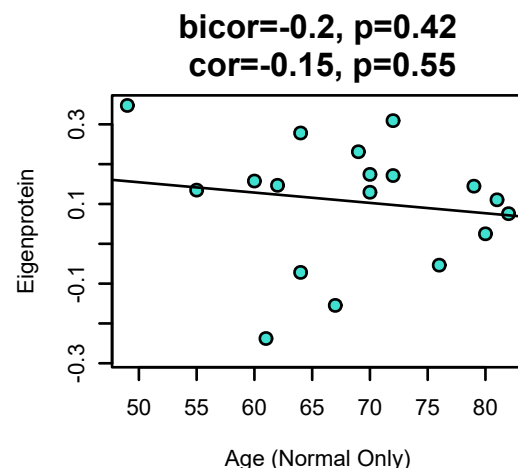
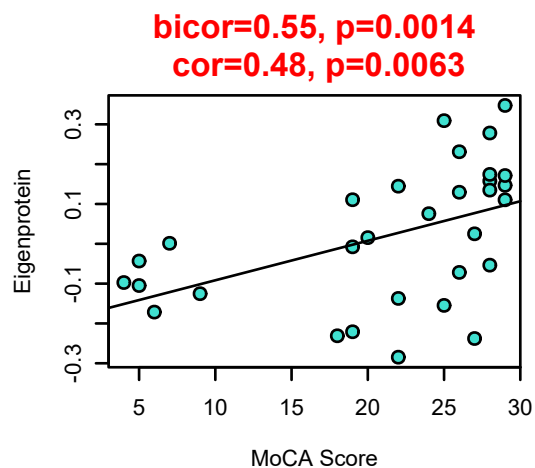
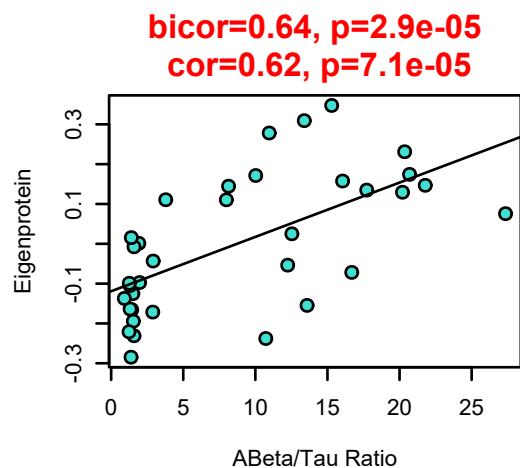
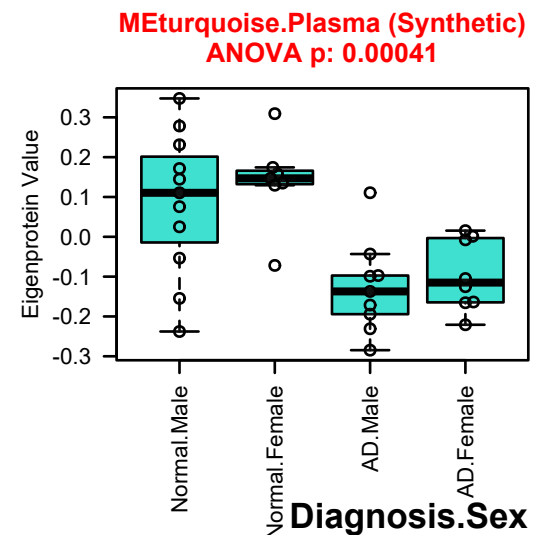
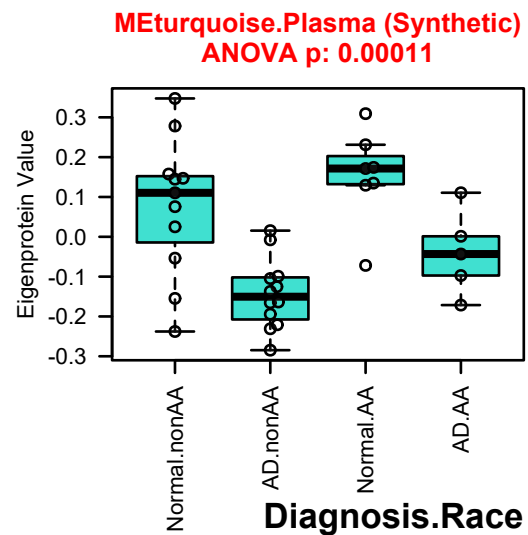
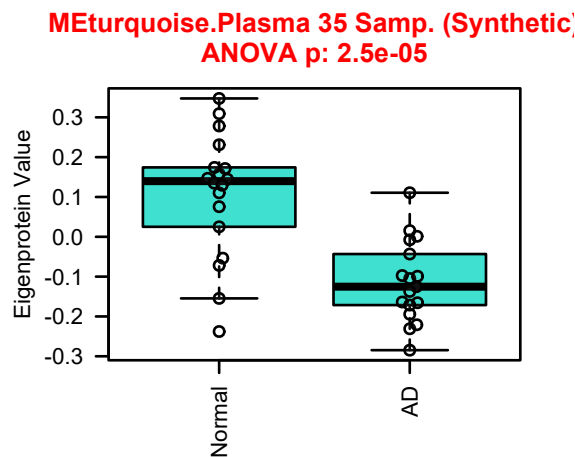
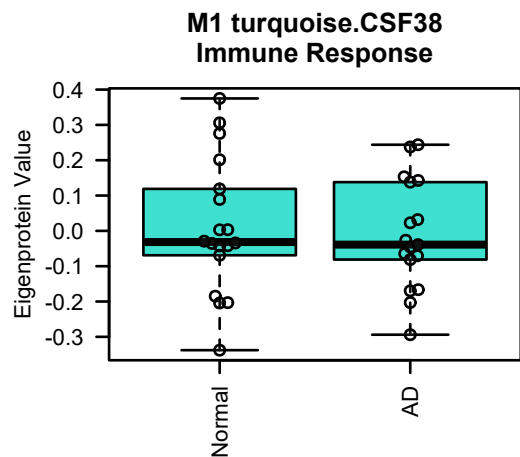


bicor=-0.098, p=0.7
cor=0.085, p=0.74

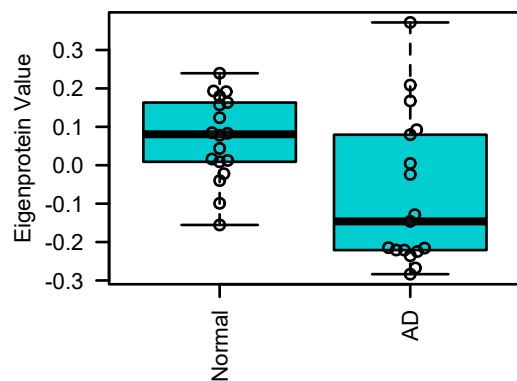


bicor=-0.3, p=0.24
cor=-0.29, p=0.26

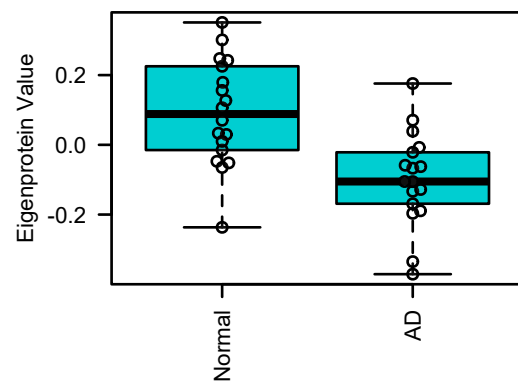




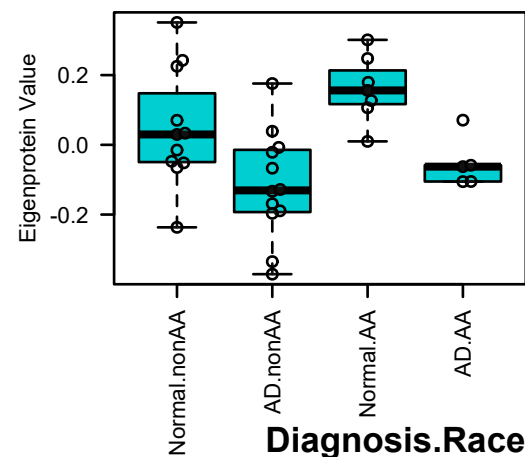
M23 darkturquoise.CSF38
Nucleic Acid/Steroid Metabolism



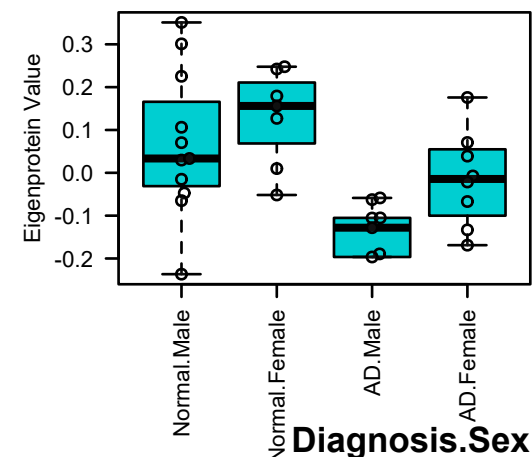
MEdarkturquoise.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00043



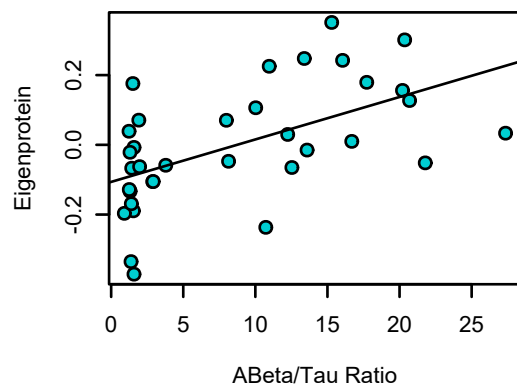
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 0.0016



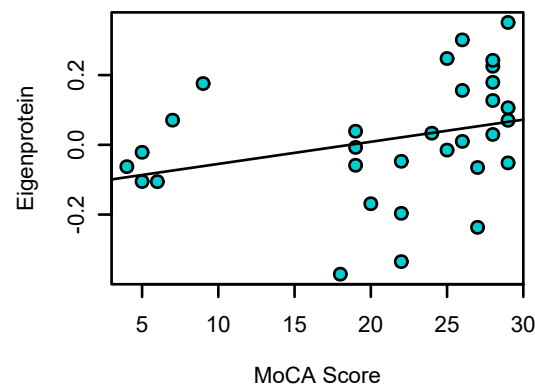
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 4e-04



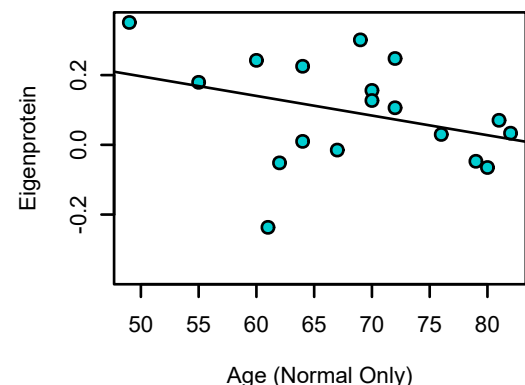
bicor=0.58, p=0.00024
cor=0.56, p=0.00047



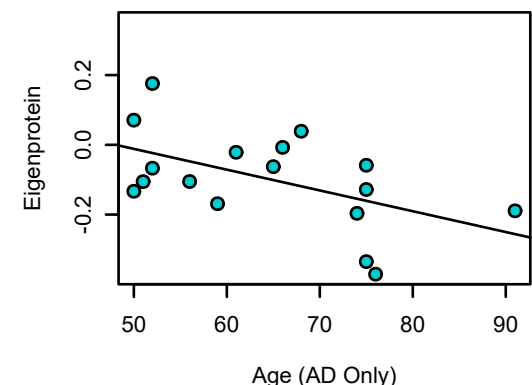
bicor=0.44, p=0.013
cor=0.3, p=0.1



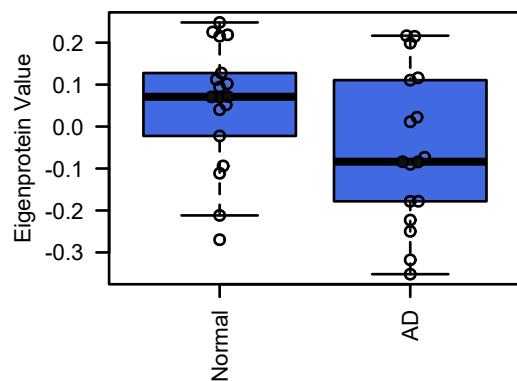
bicor=-0.34, p=0.17
cor=-0.34, p=0.17



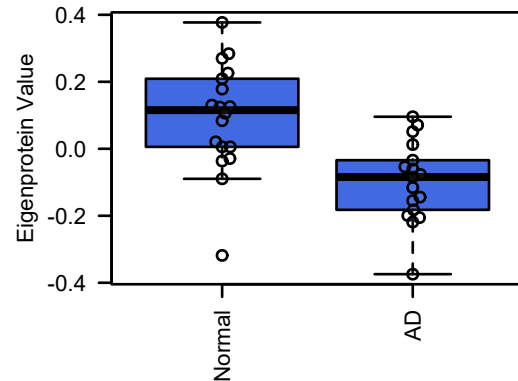
bicor=-0.53, p=0.028
cor=-0.53, p=0.029



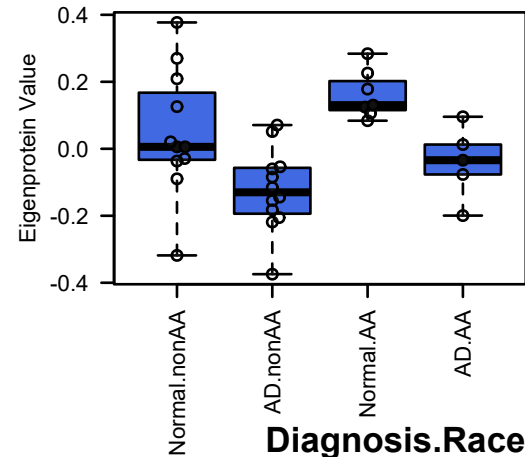
M20 royalblue.CSF38
Ambiguous



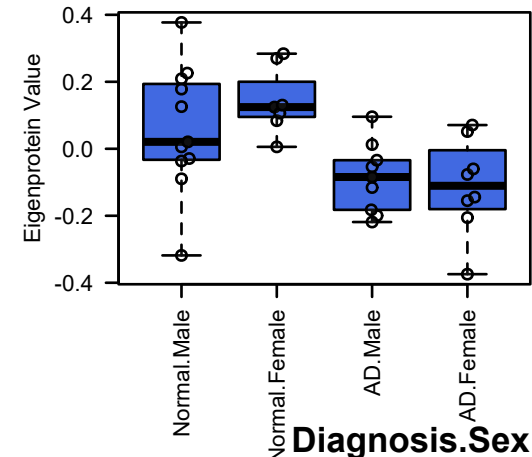
MEroyalblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00039



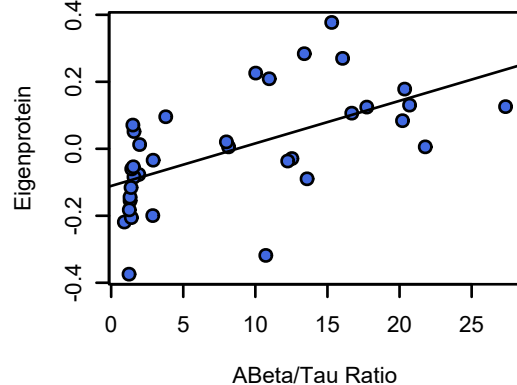
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.0011



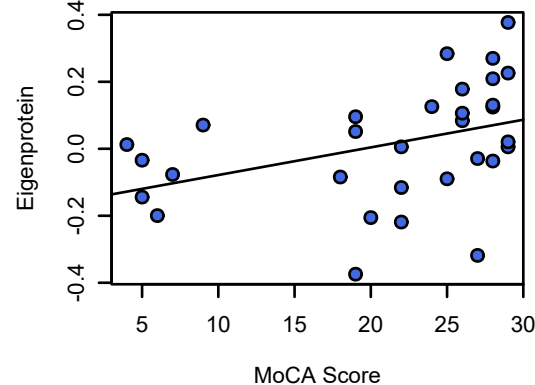
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.0034



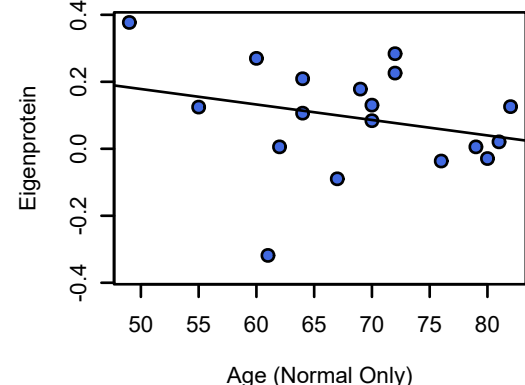
bicor=0.61, p=9.9e-05
cor=0.58, p=0.00026



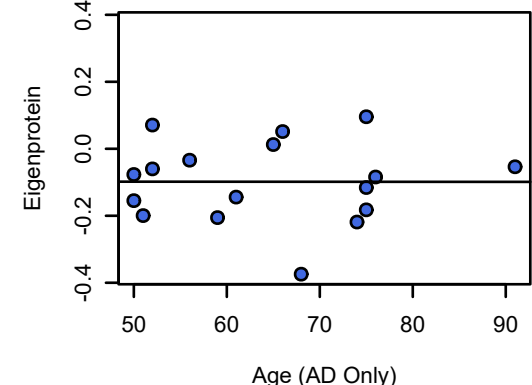
bicor=0.49, p=0.0055
cor=0.39, p=0.03

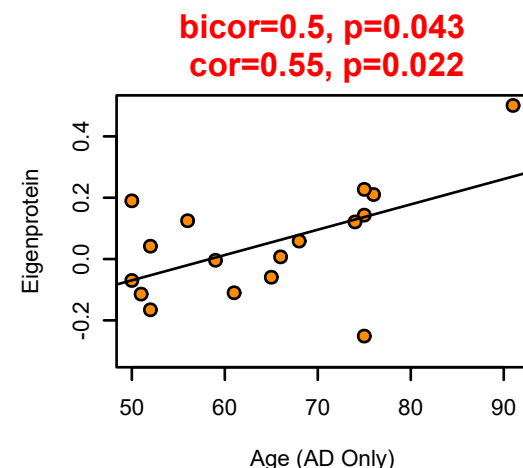
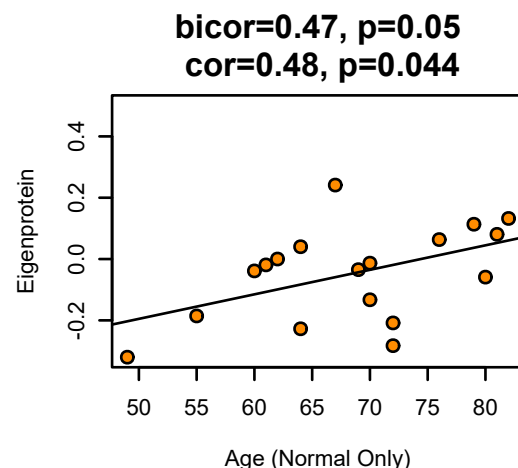
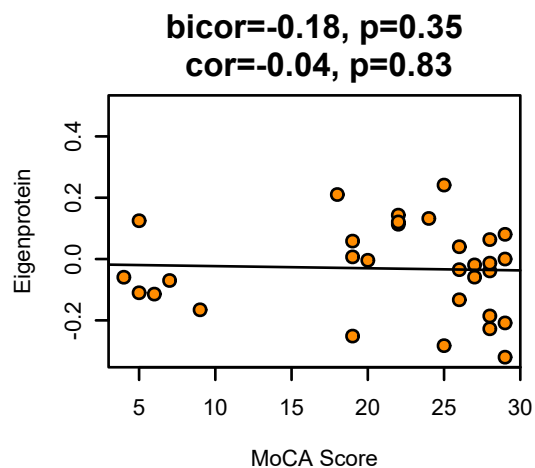
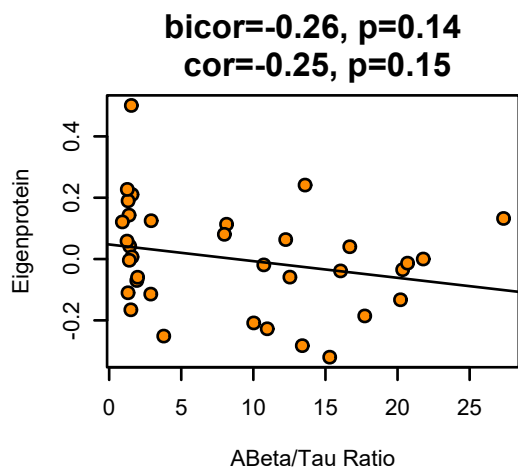
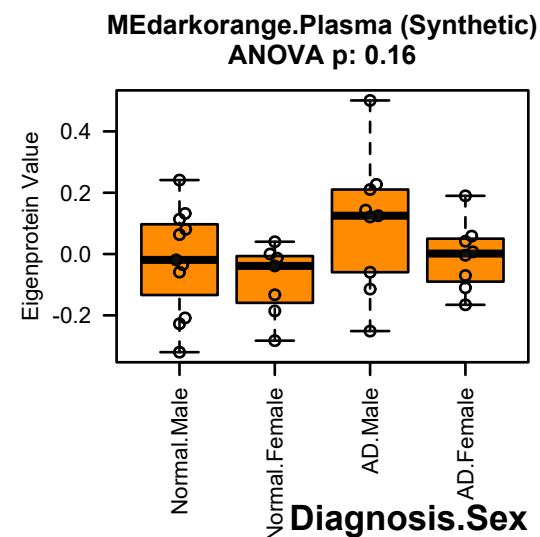
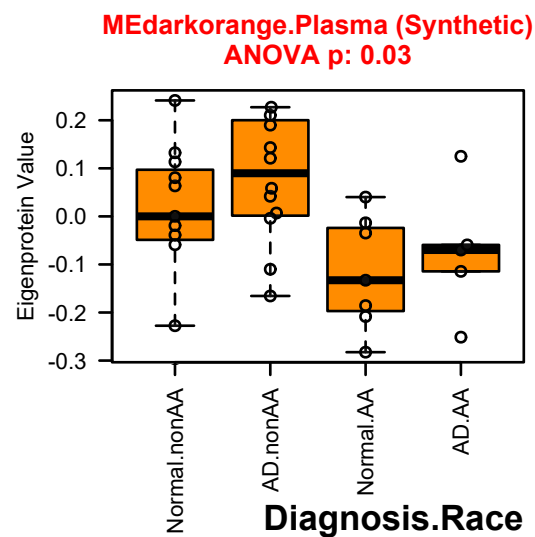
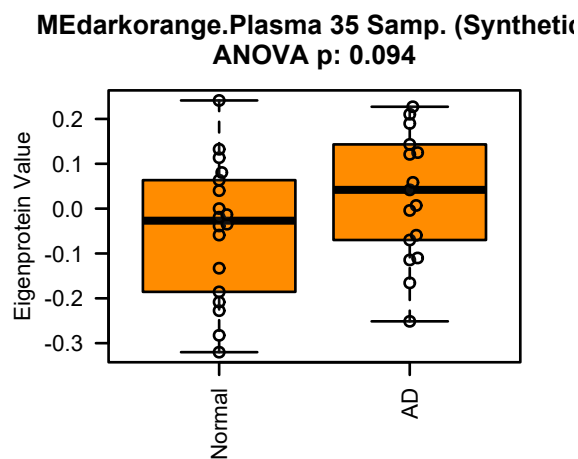
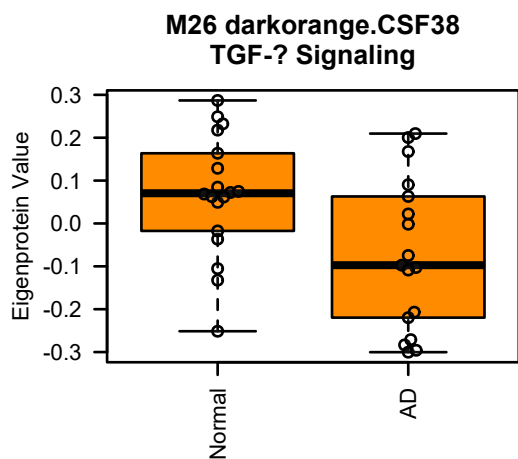
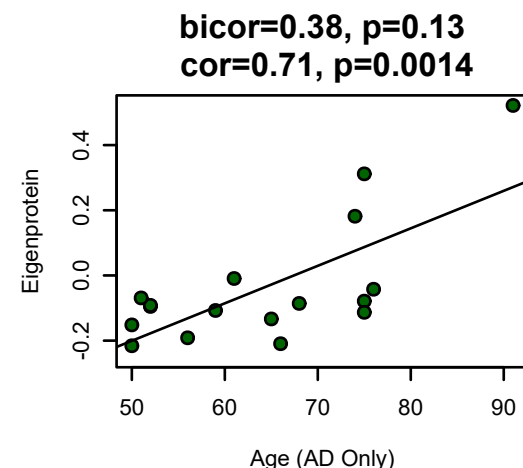
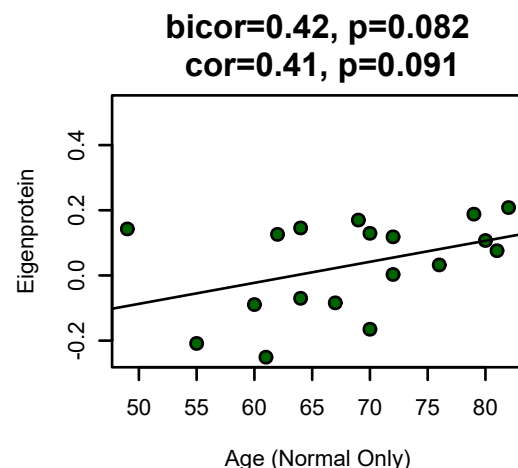
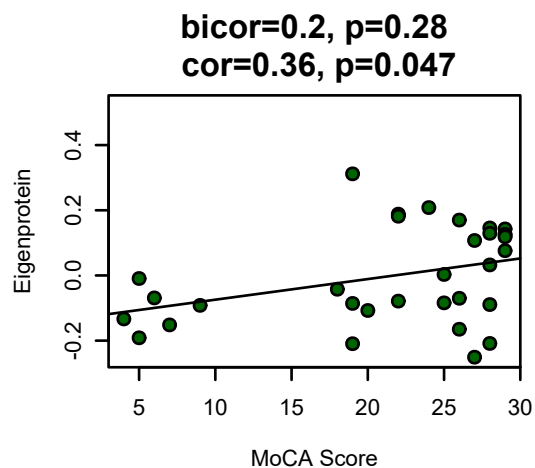
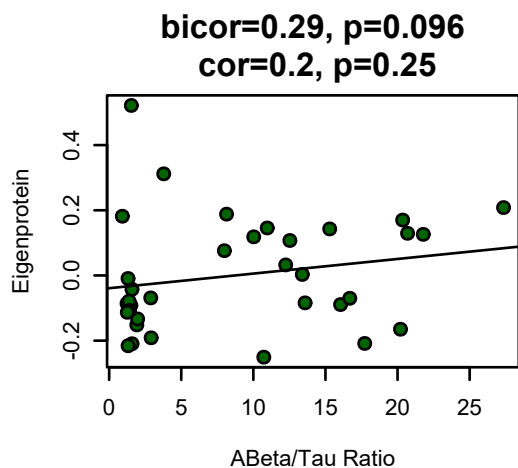
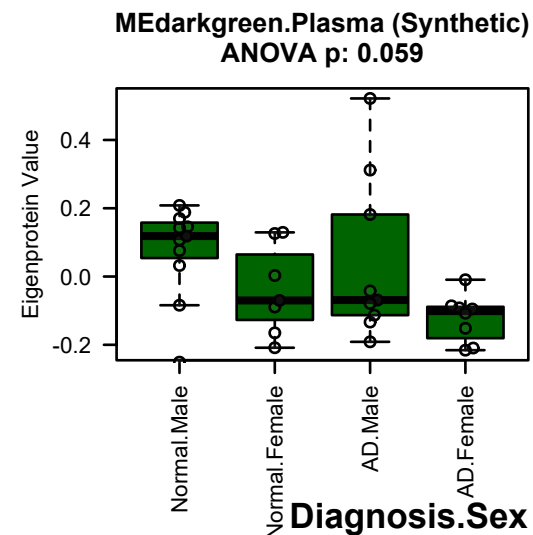
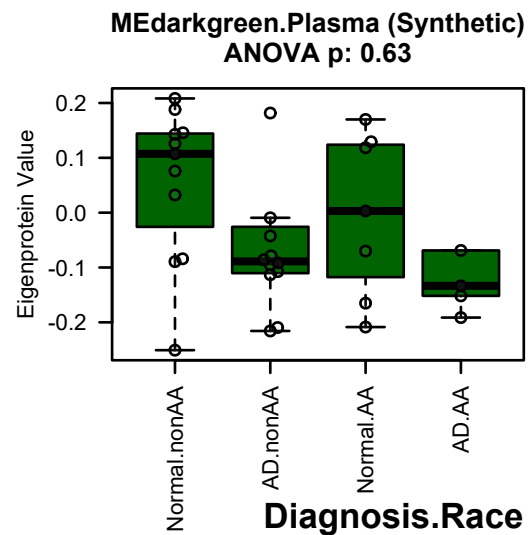
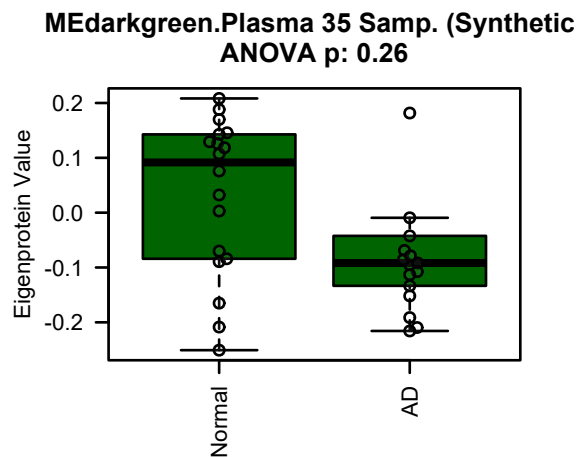
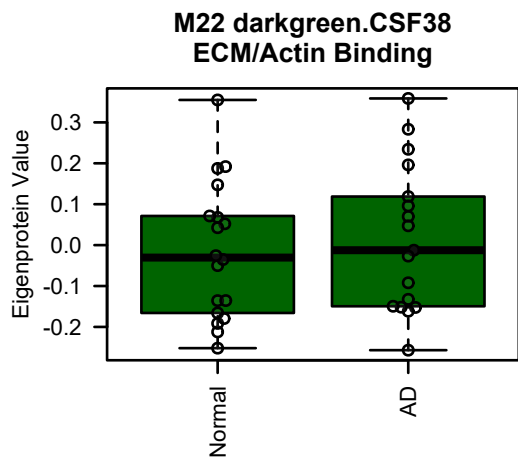


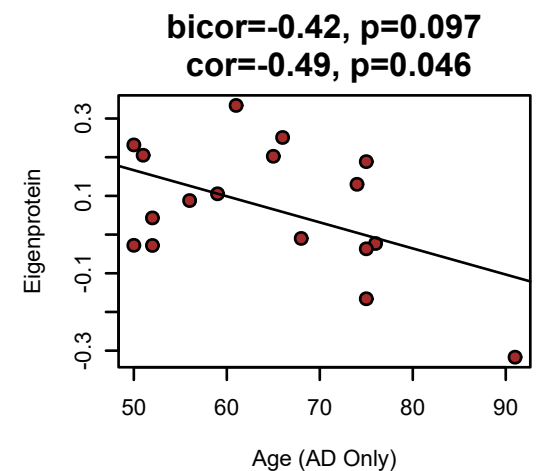
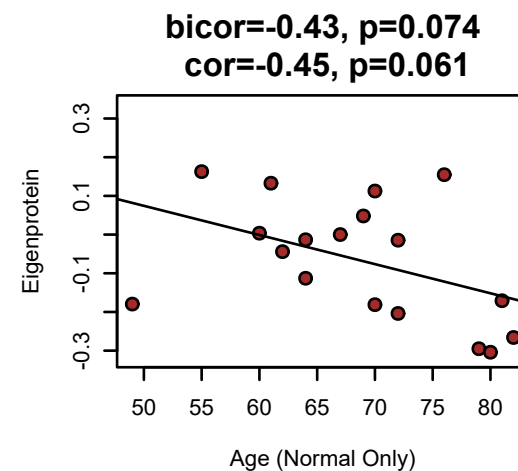
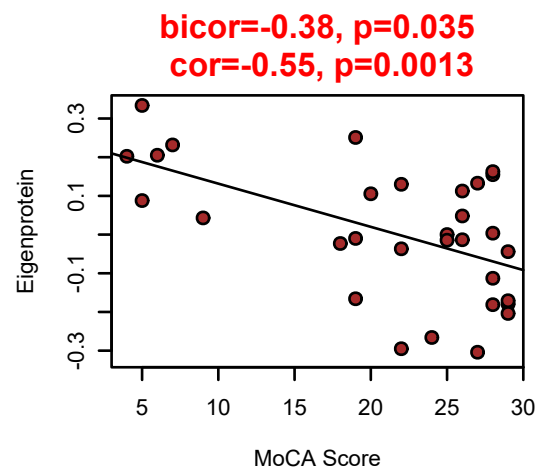
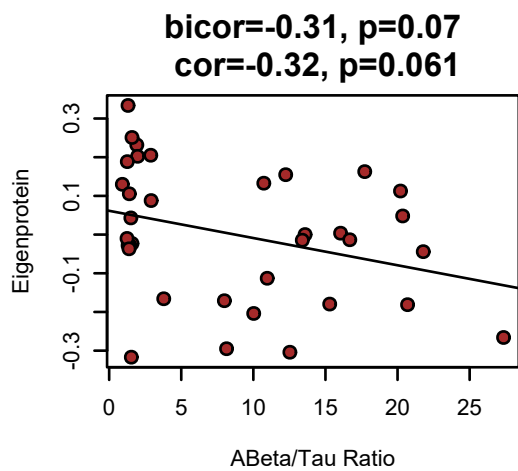
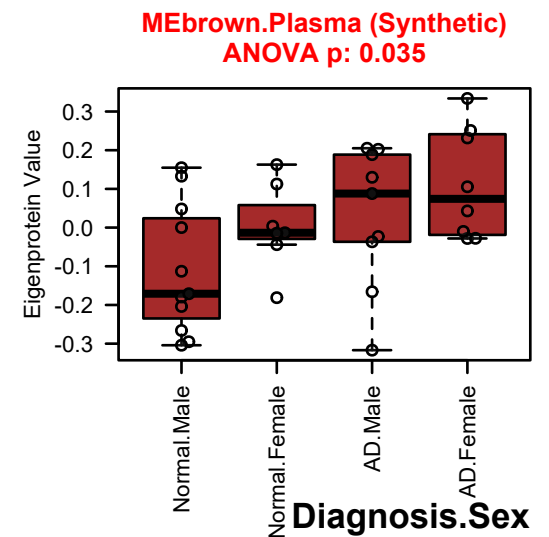
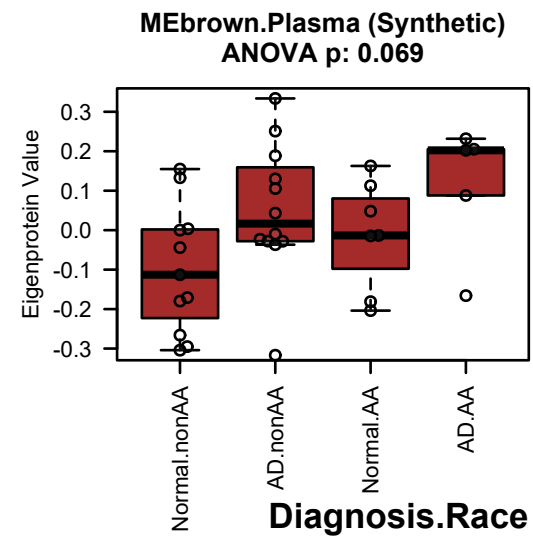
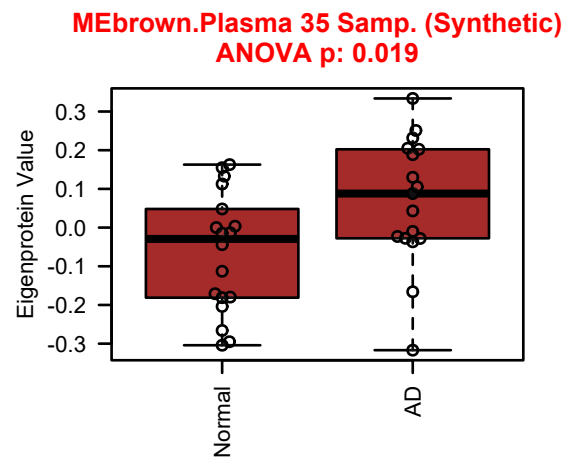
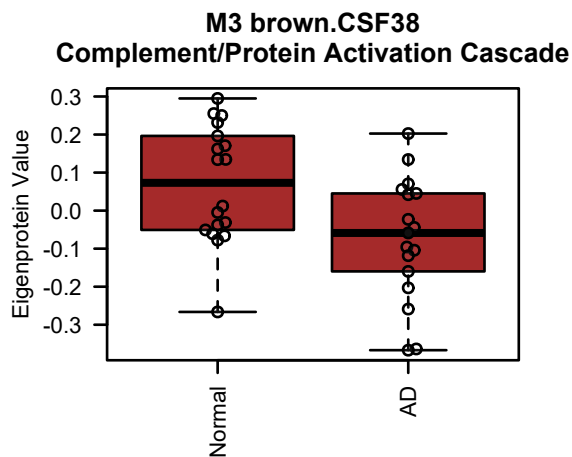
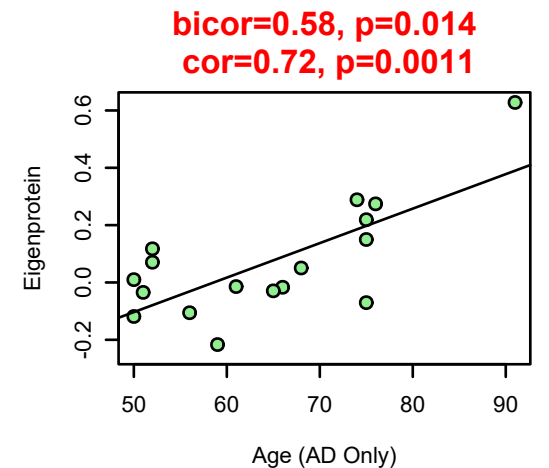
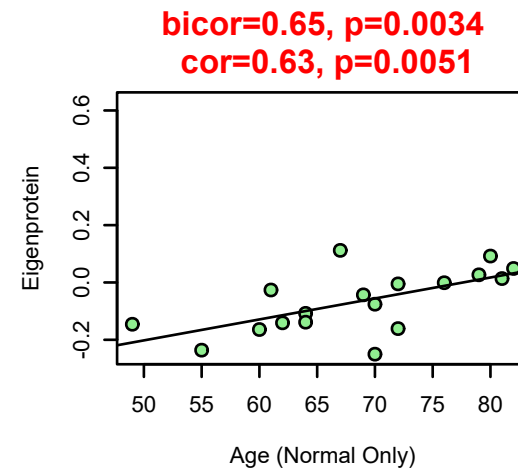
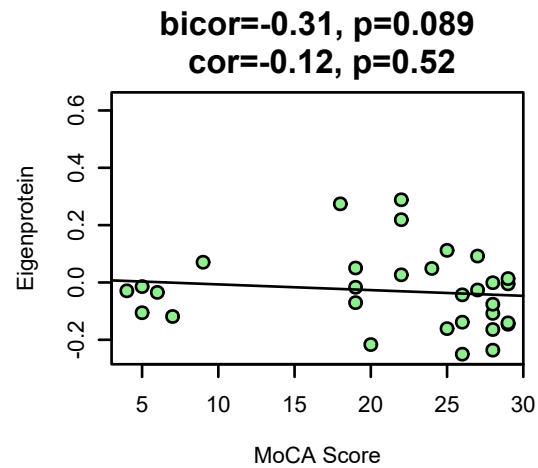
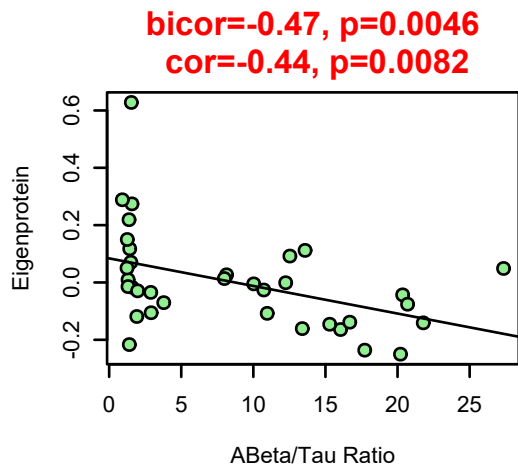
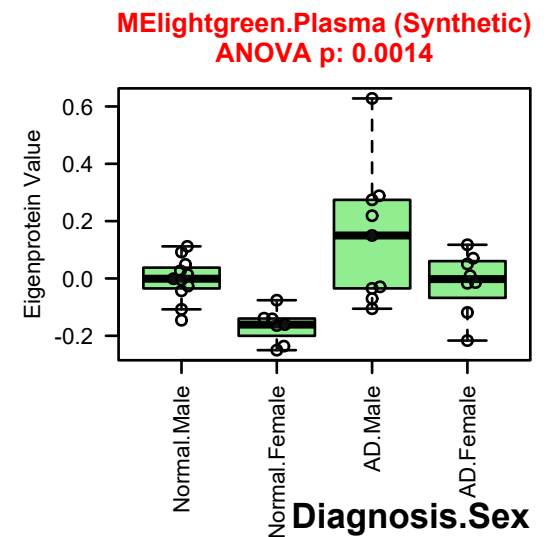
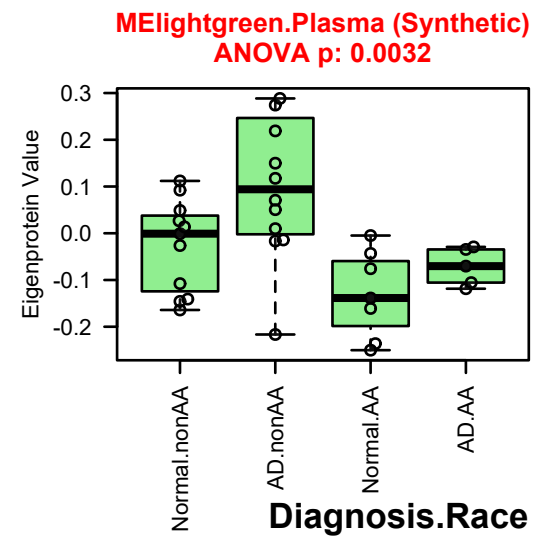
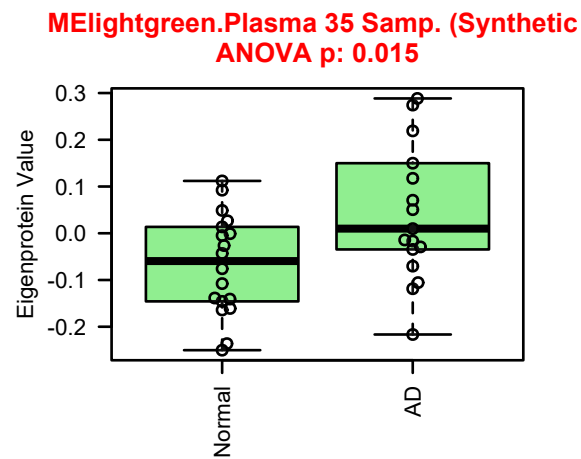
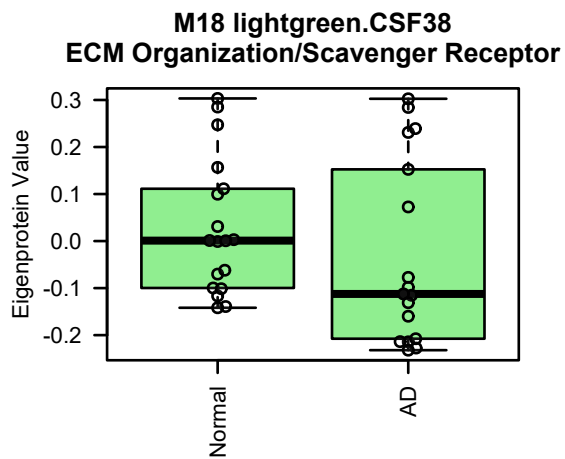
bicor=-0.29, p=0.24
cor=-0.26, p=0.3

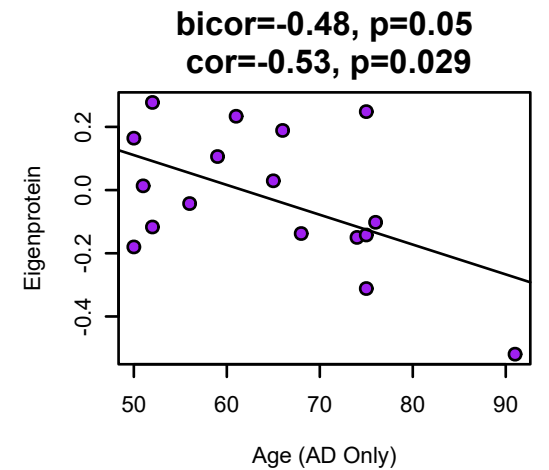
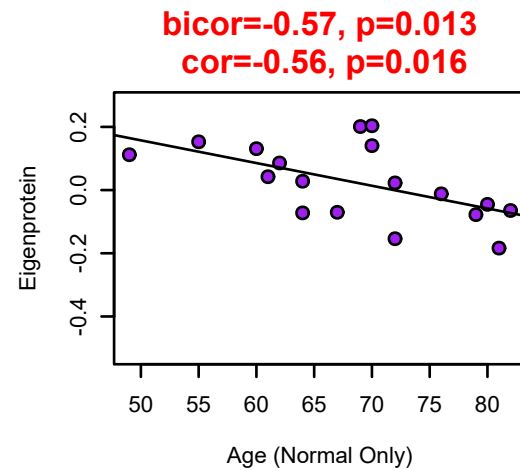
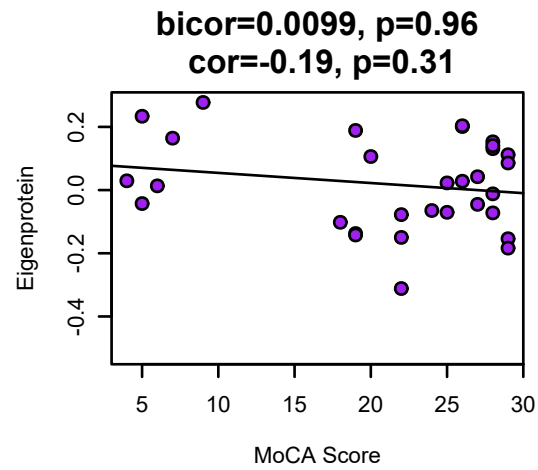
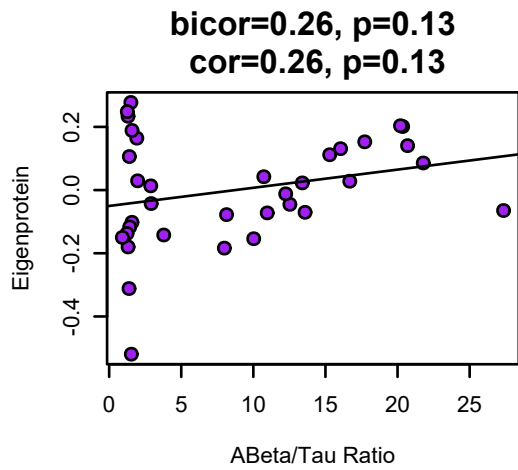
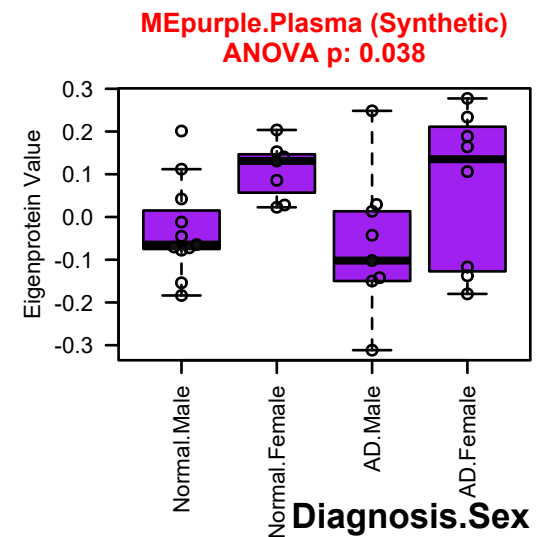
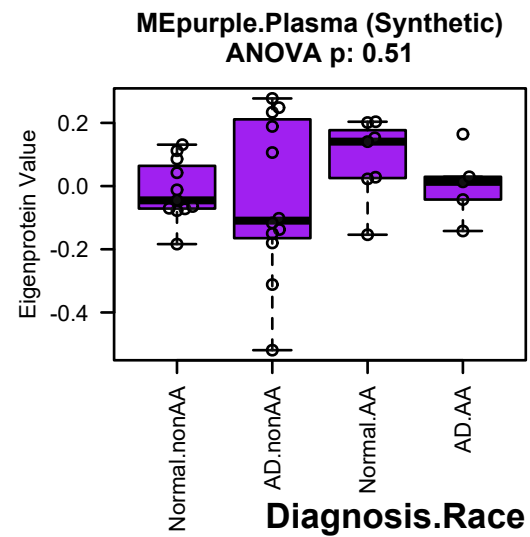
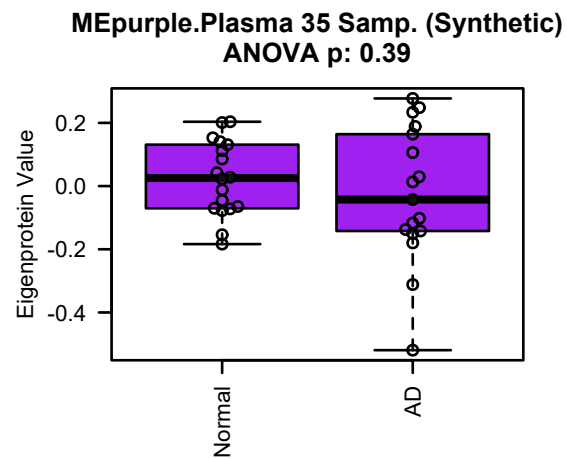
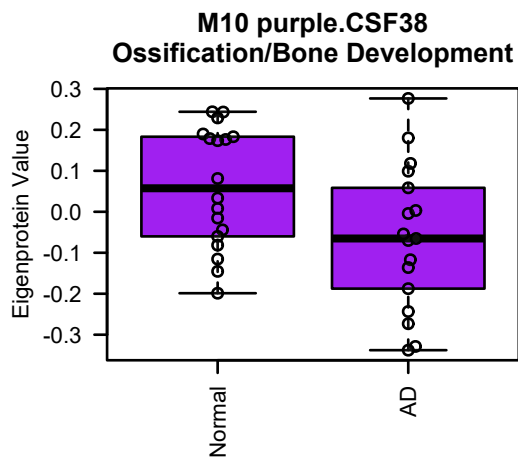


bicor=0.0045, p=0.99
cor=-0.0013, p=1









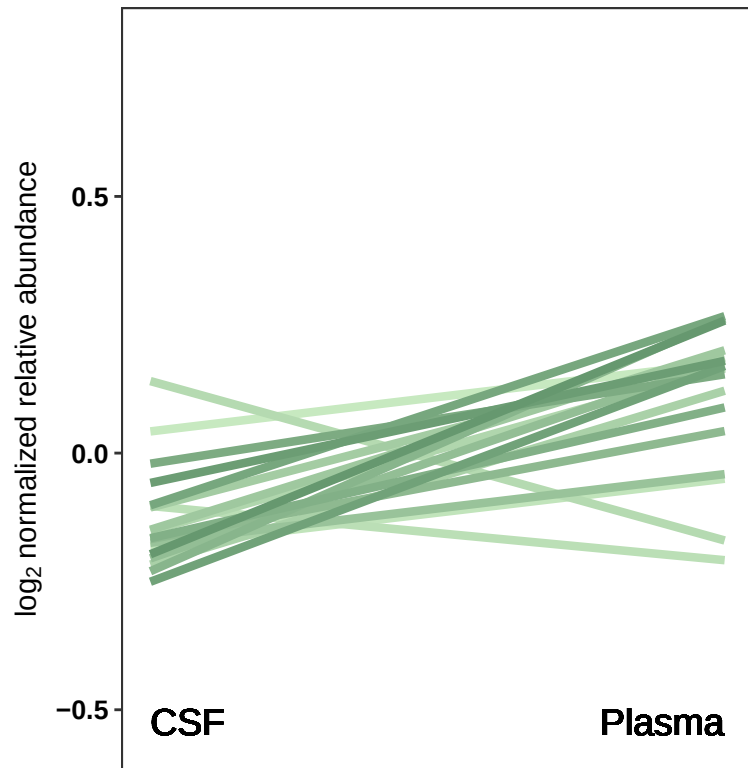
Data Subset:

CSF 37 of 38 modules as template

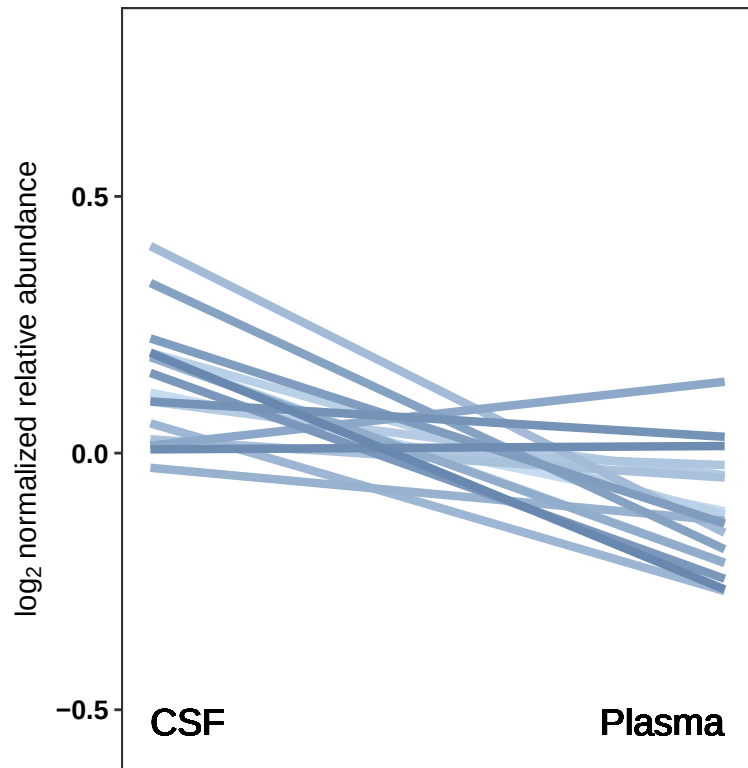
M8 pink: Autophagy

slopeDiff(AD-CT): -0.49

Normal:



AD:



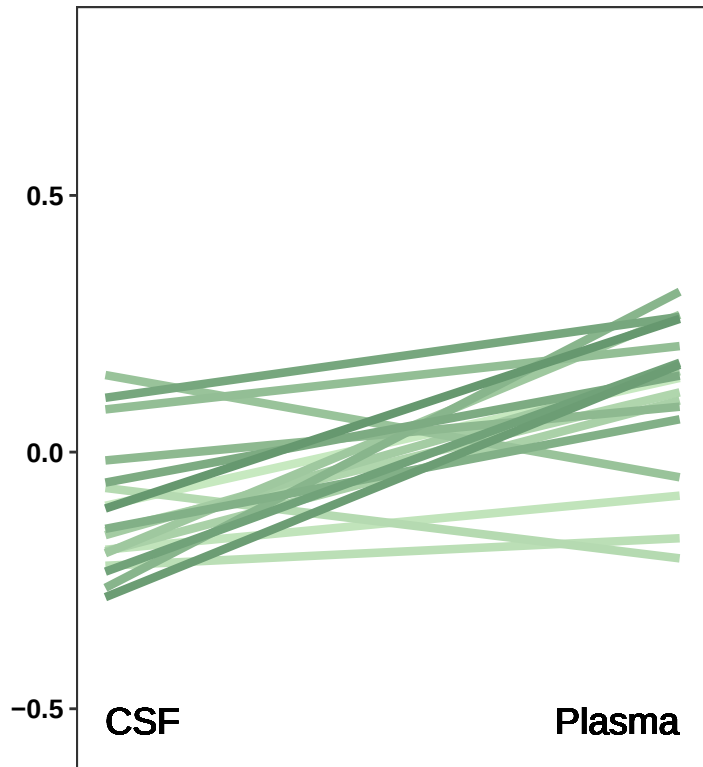
M15 midnightblue: Post-Synaptic Membrane

slopeDiff(AD-CT): -0.461

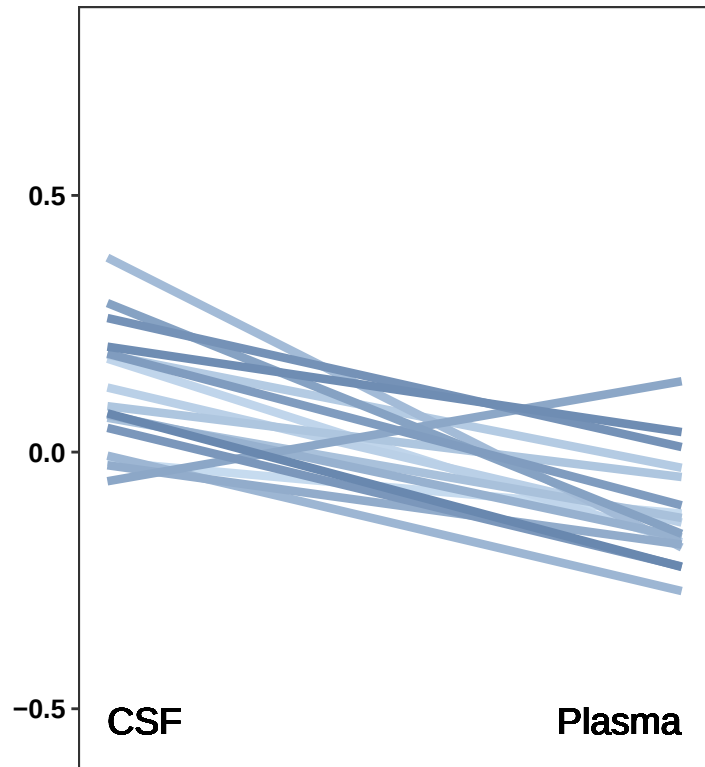
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



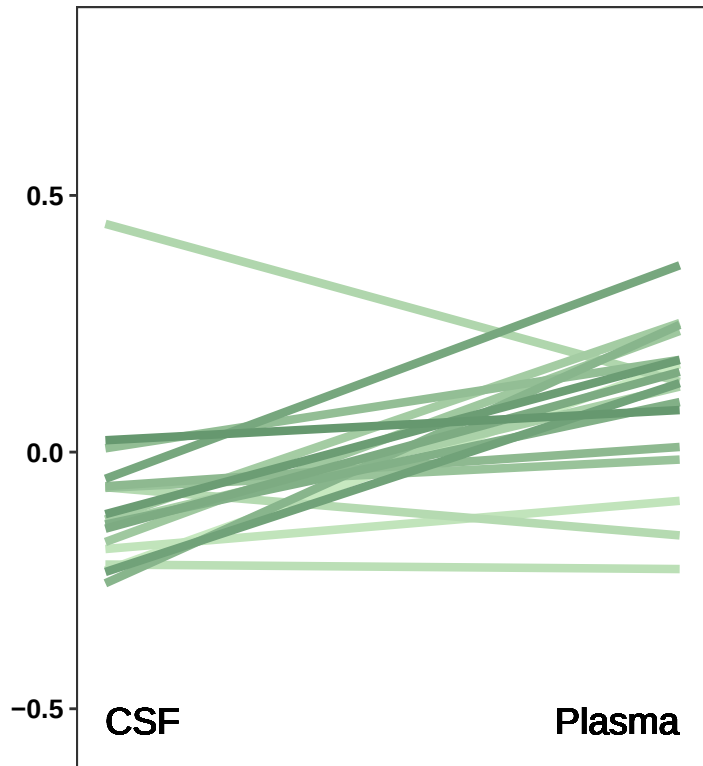
M29 saddlebrown: Sugar Metabolism/Actin Depolymerization

slopeDiff(AD-CT): -0.417

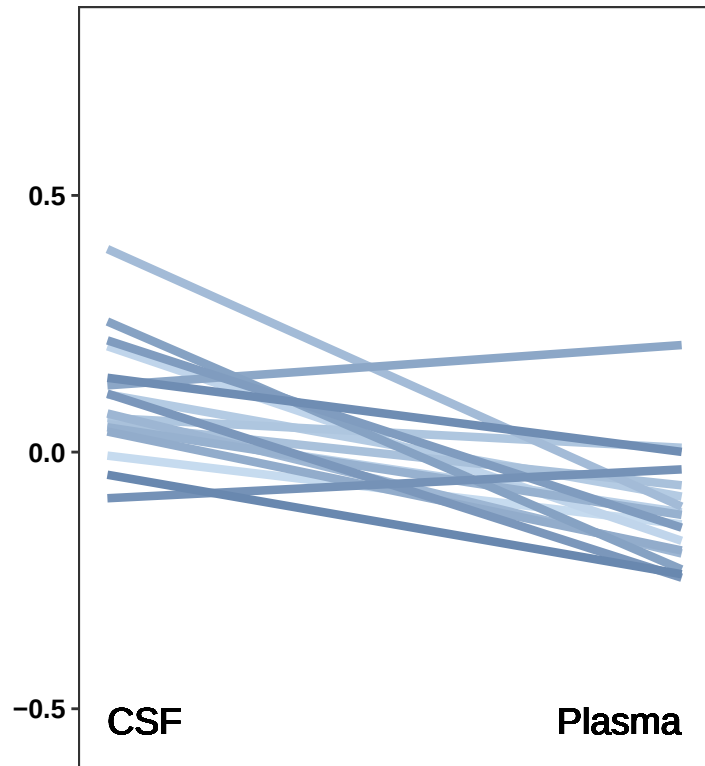
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



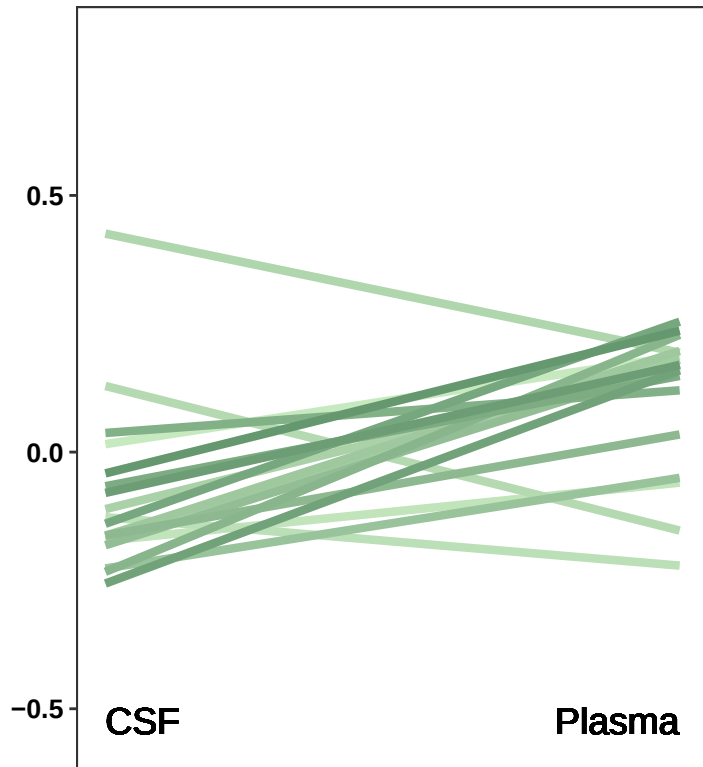
M24 darkgrey: Ubiquitination

slopeDiff(AD-CT): -0.398

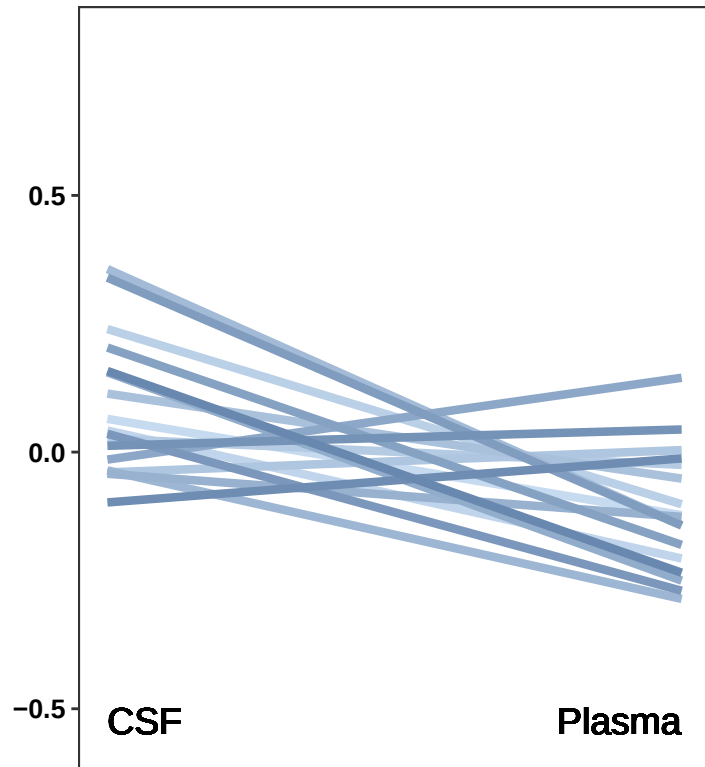
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



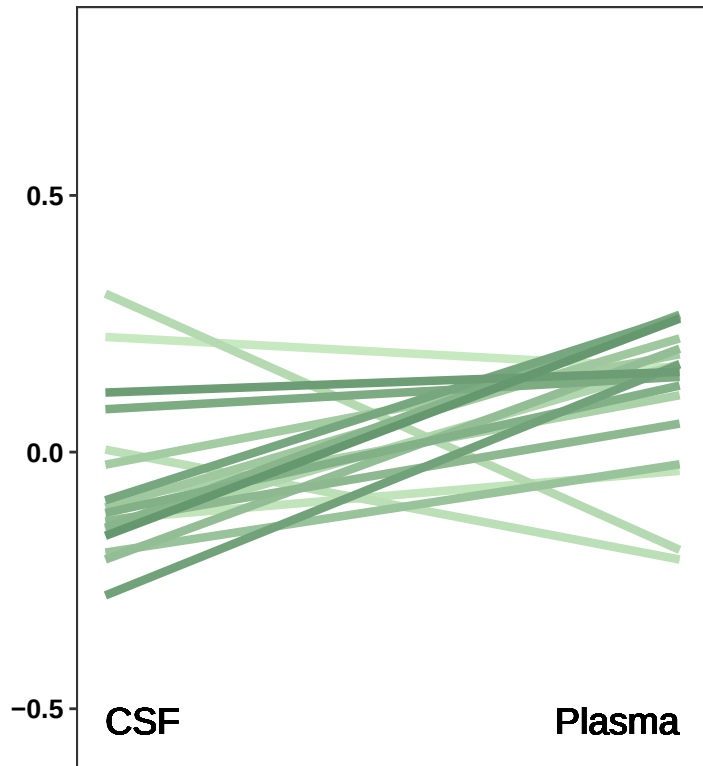
M7 black: SNAP Receptor/SNARE Complex

slopeDiff(AD-CT): -0.362

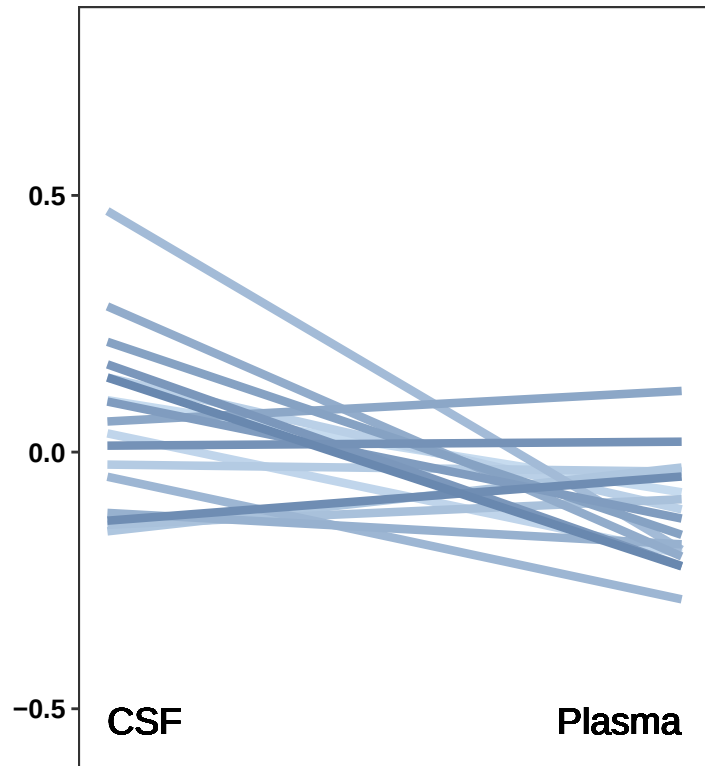
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



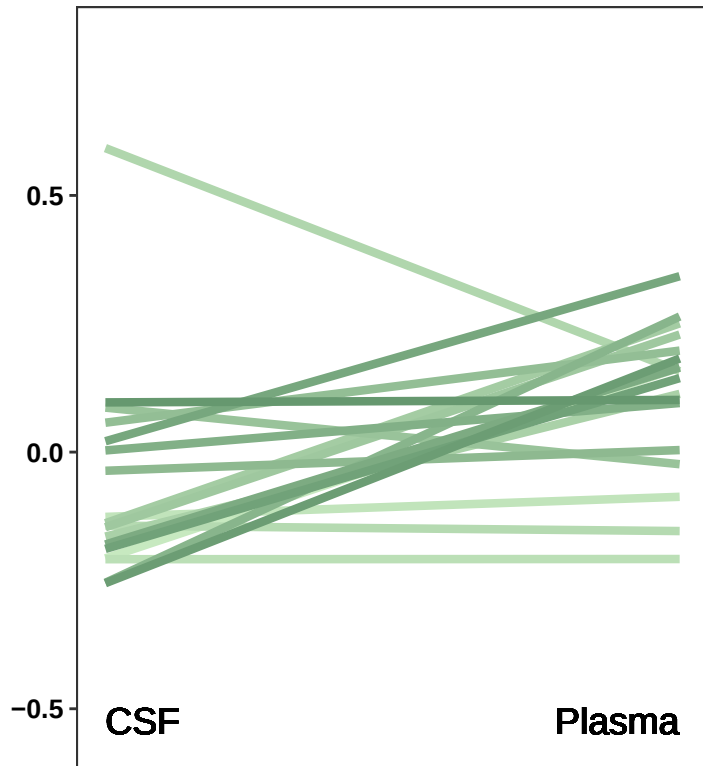
M16 lightcyan: Sugar Metabolism

slopeDiff(AD-CT): -0.358

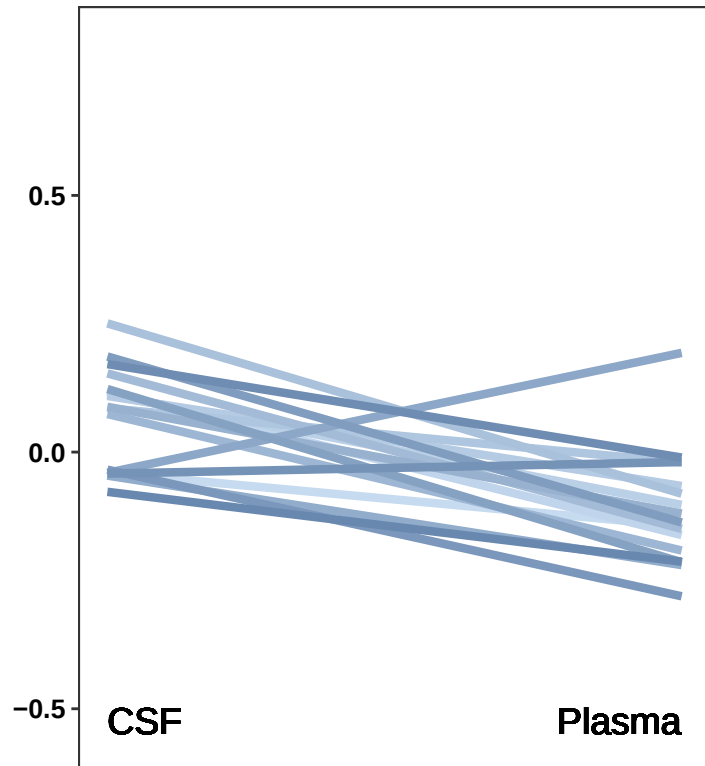
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



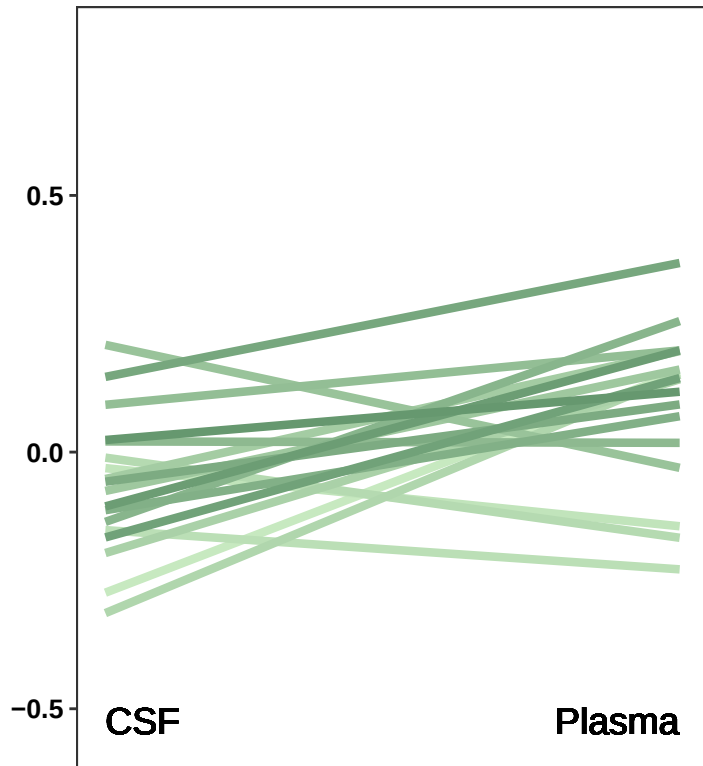
M6 red: Muscle/Neurotransmitter Transport

slopeDiff(AD-CT): -0.331

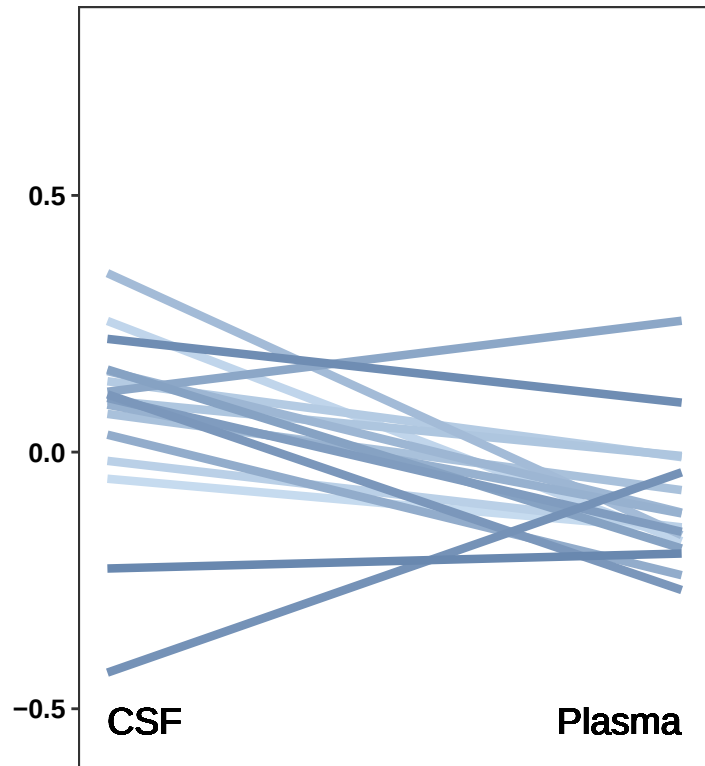
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance

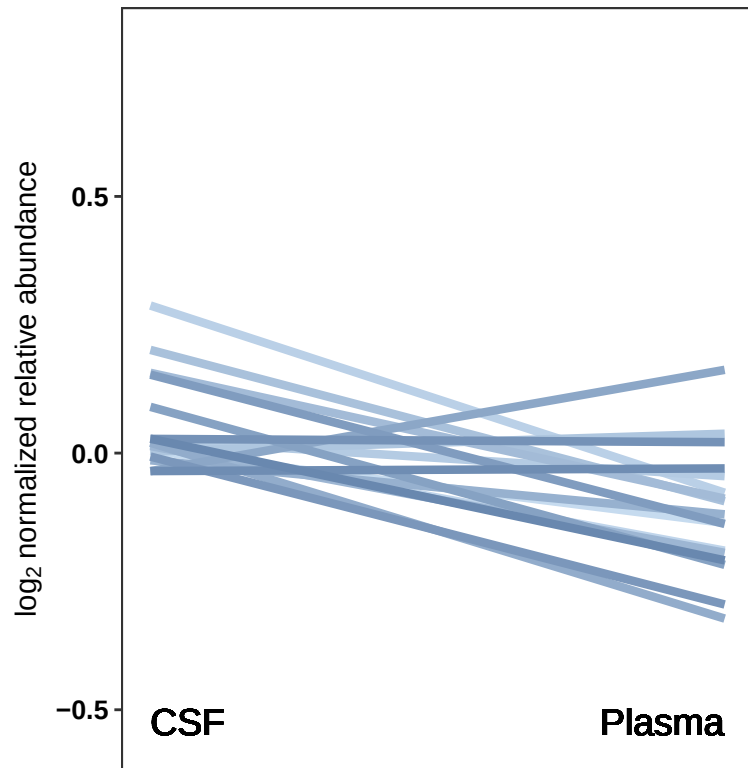
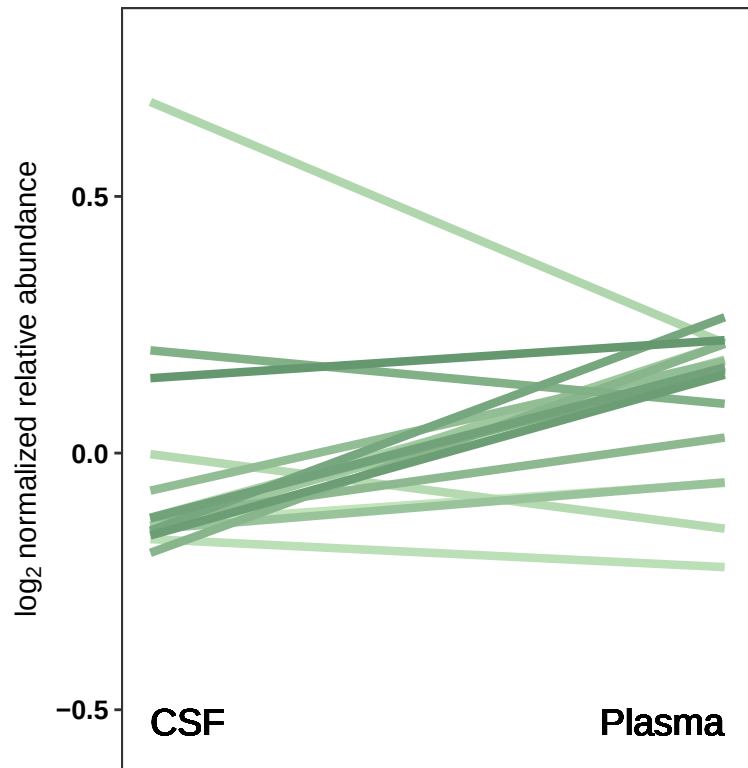


M35 sienna3: Ambiguous

slopeDiff(AD-CT): -0.329

Normal:

AD:



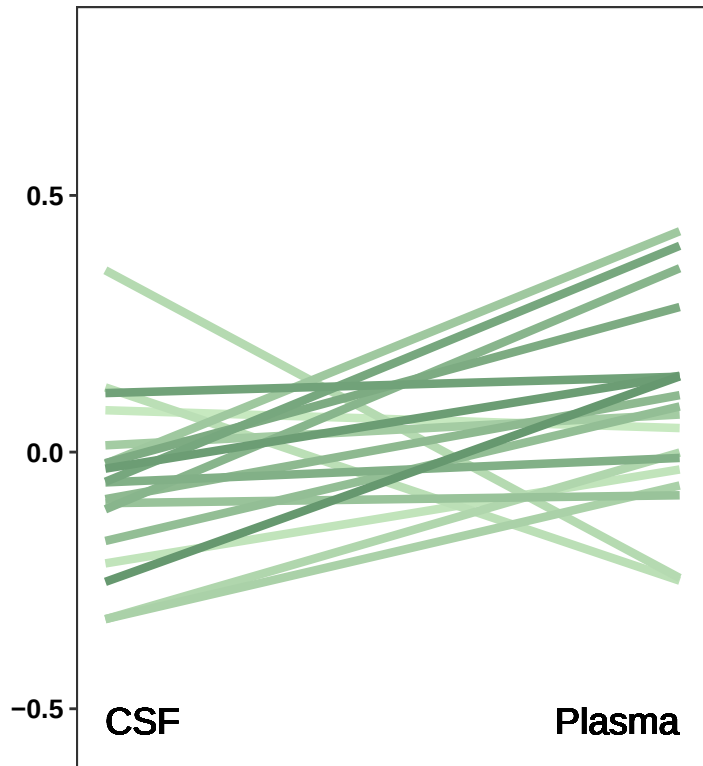
M32 violet: Synaptic Membrane/Matrisome

slopeDiff(AD-CT): -0.302

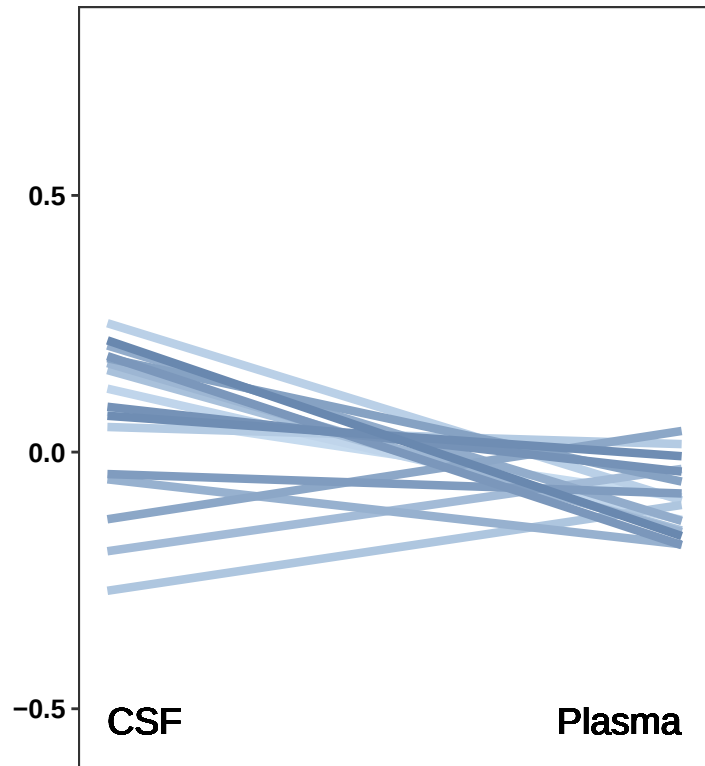
Normal:

AD:

log₂ normalized relative abundance



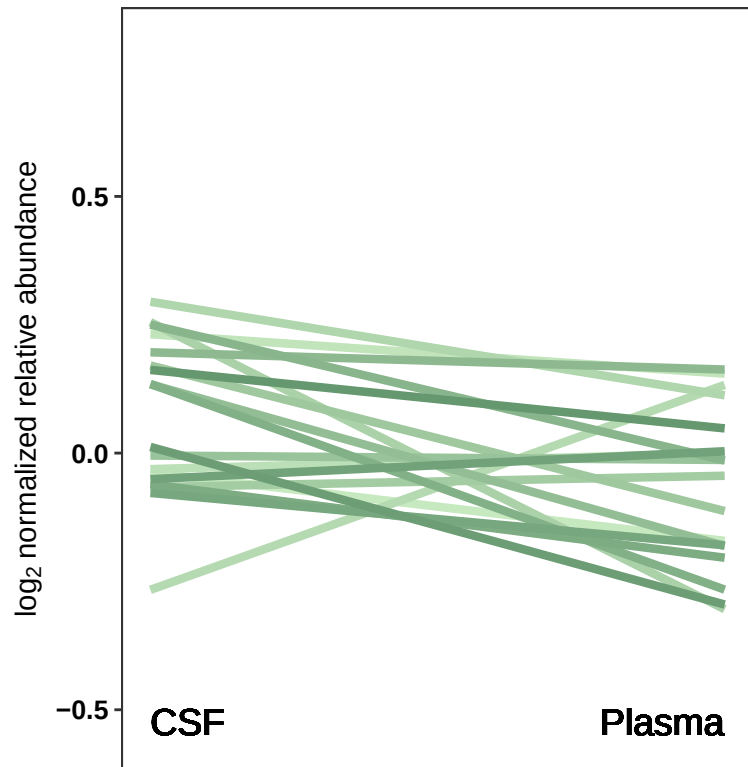
log₂ normalized relative abundance



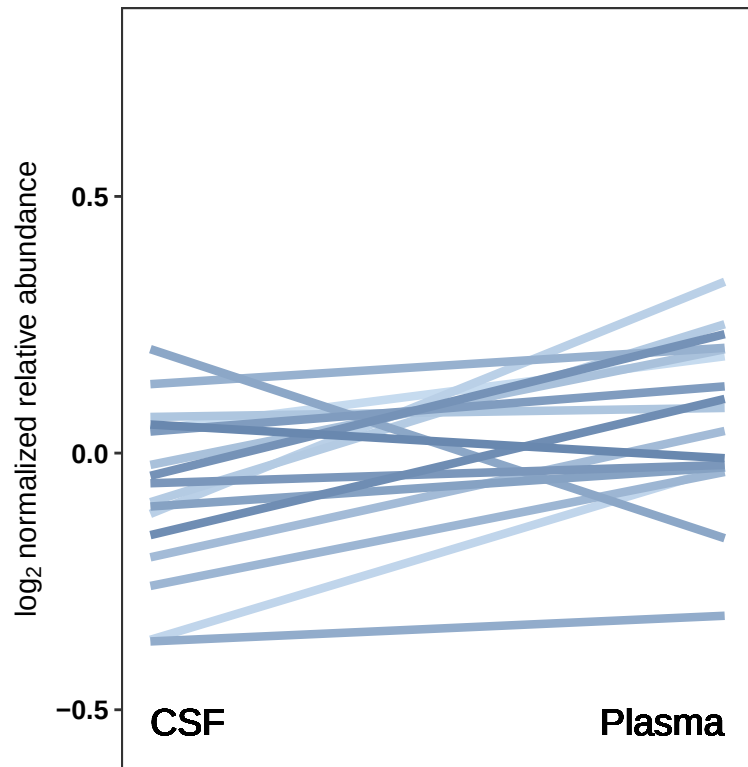
M3 brown: Complement/Protein Activation Cascade

slopeDiff(AD-CT): 0.276

Normal:



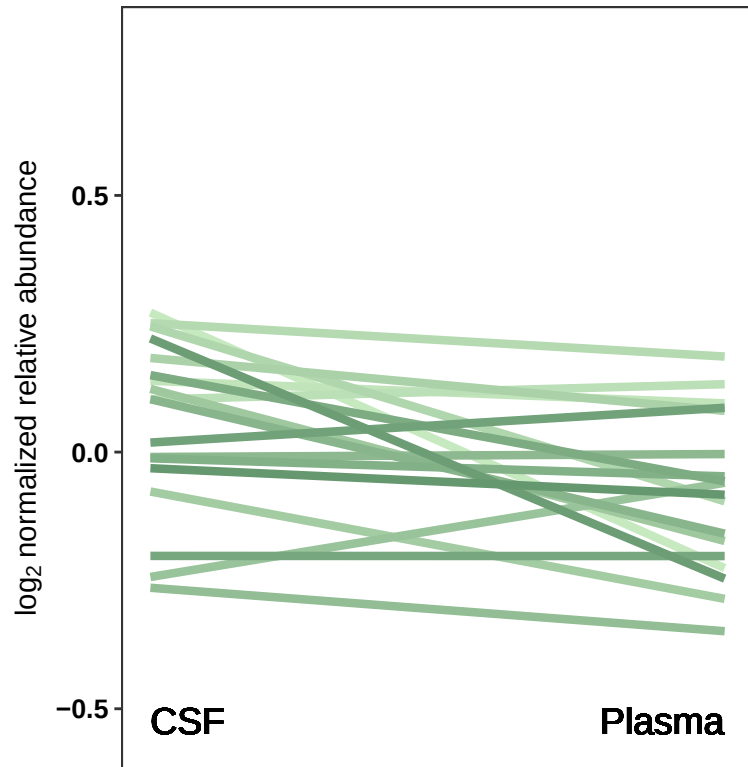
AD:



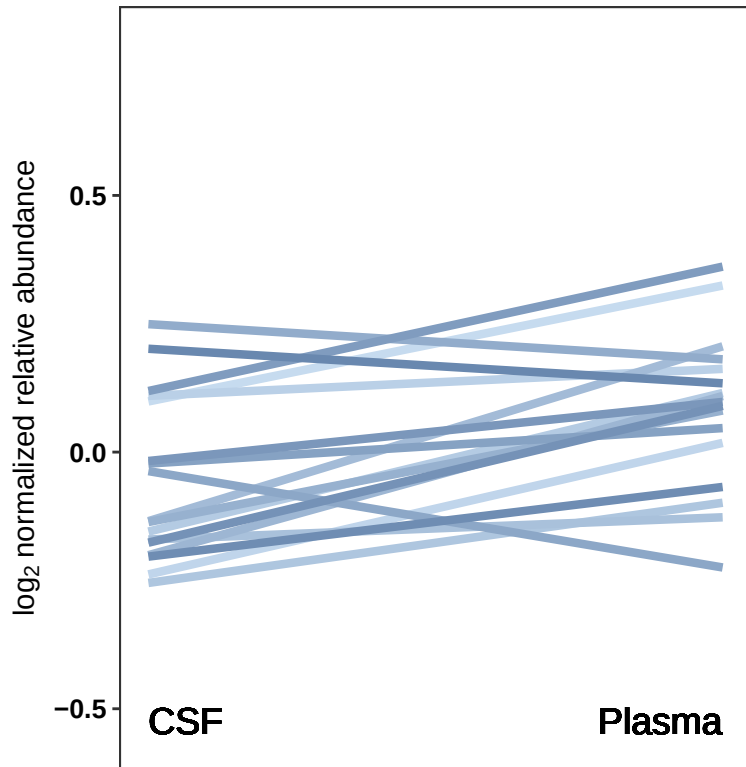
M14 cyan: Golgi/Glycosylation

slopeDiff(AD-CT): 0.272

Normal:



AD:

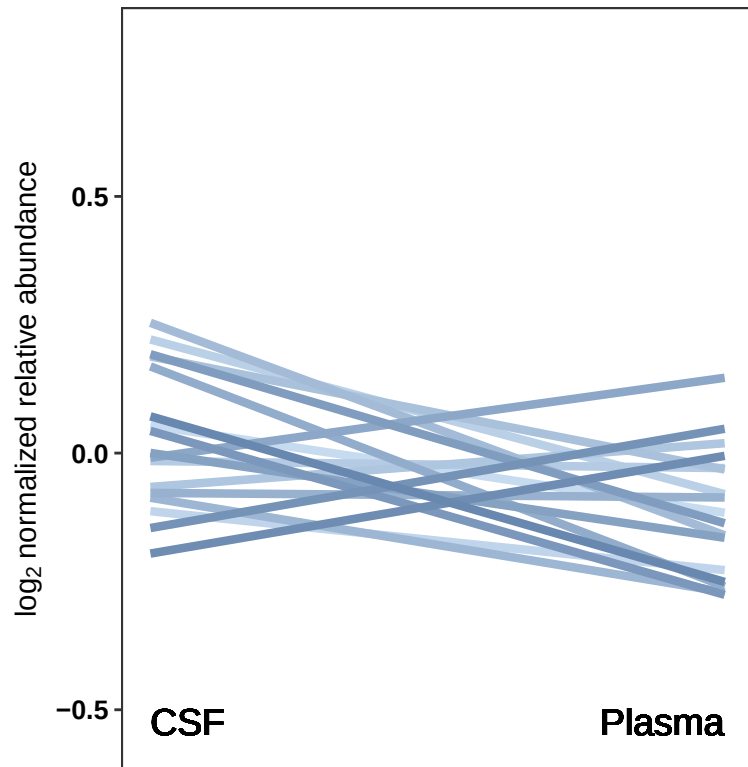
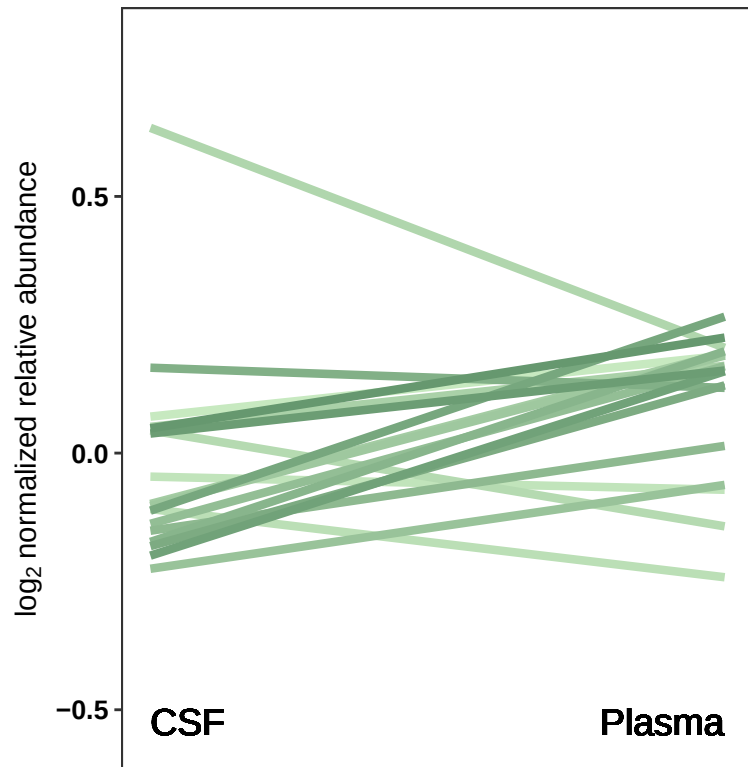


M36 yellowgreen: Organelle Organization/Biogenesis

slopeDiff(AD-CT): -0.271

Normal:

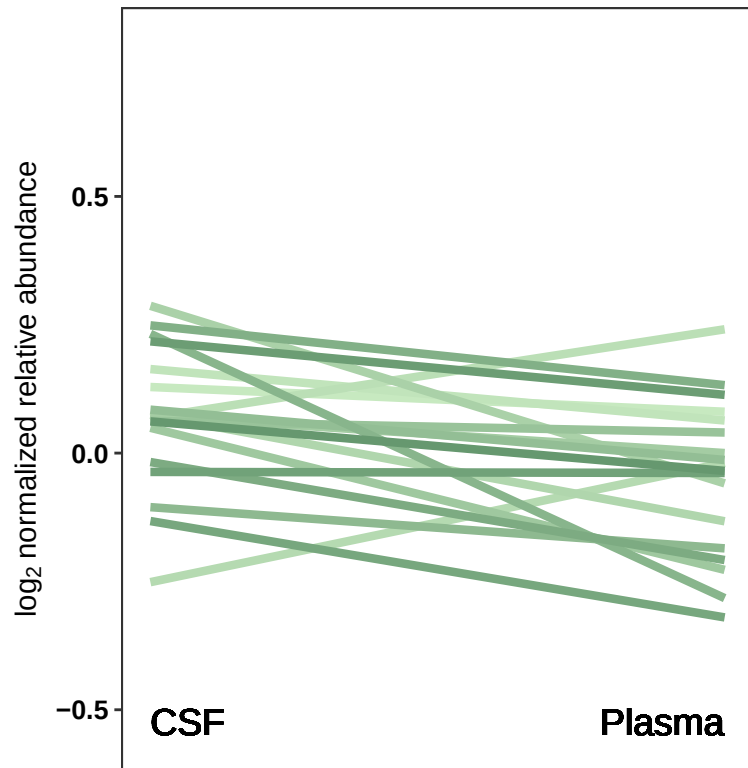
AD:



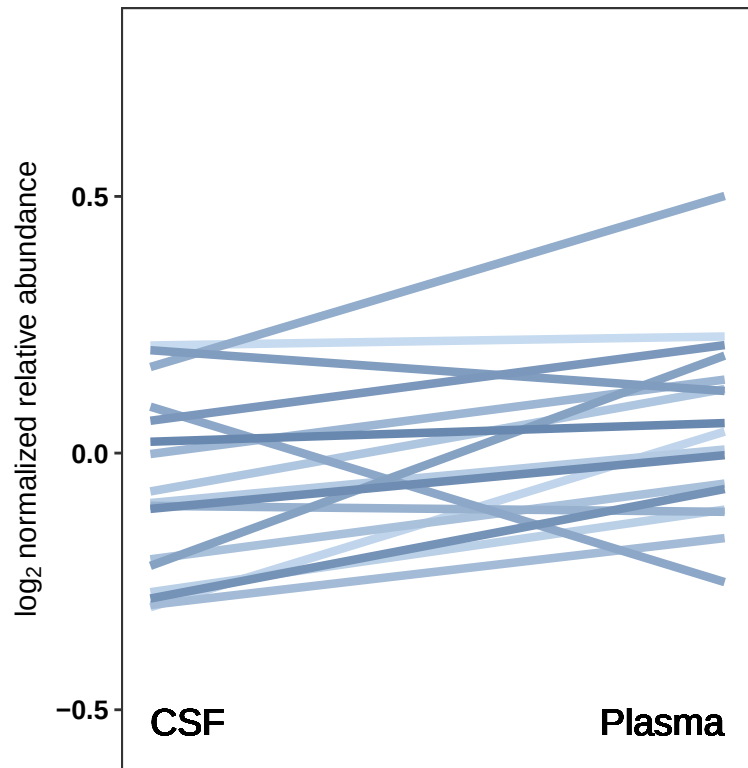
M26 darkorange: TGF-? Signaling

slopeDiff(AD-CT): 0.236

Normal:



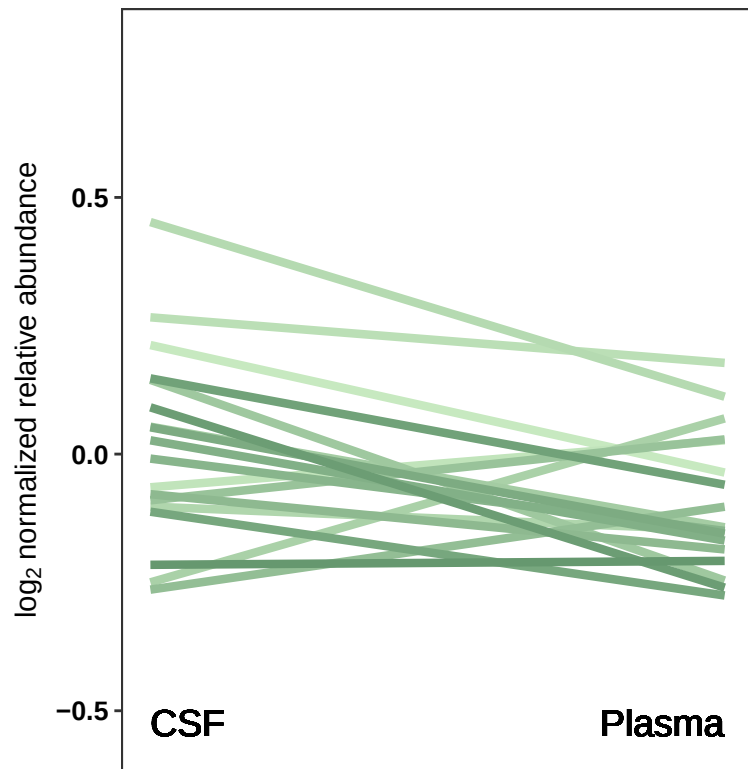
AD:



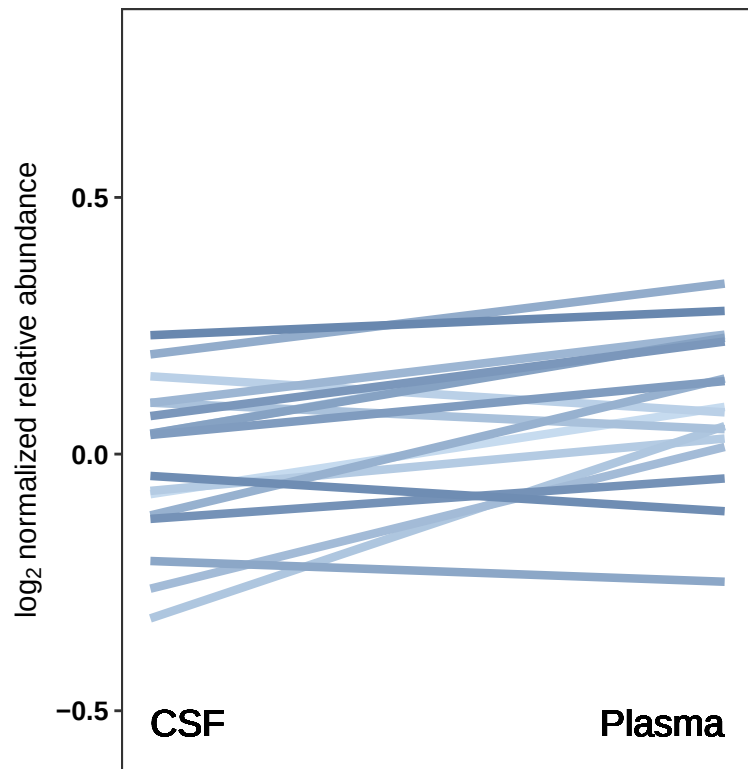
M13 salmon: Semaphorin–Plexin/Axon Guidance

slopeDiff(AD–CT): 0.227

Normal:



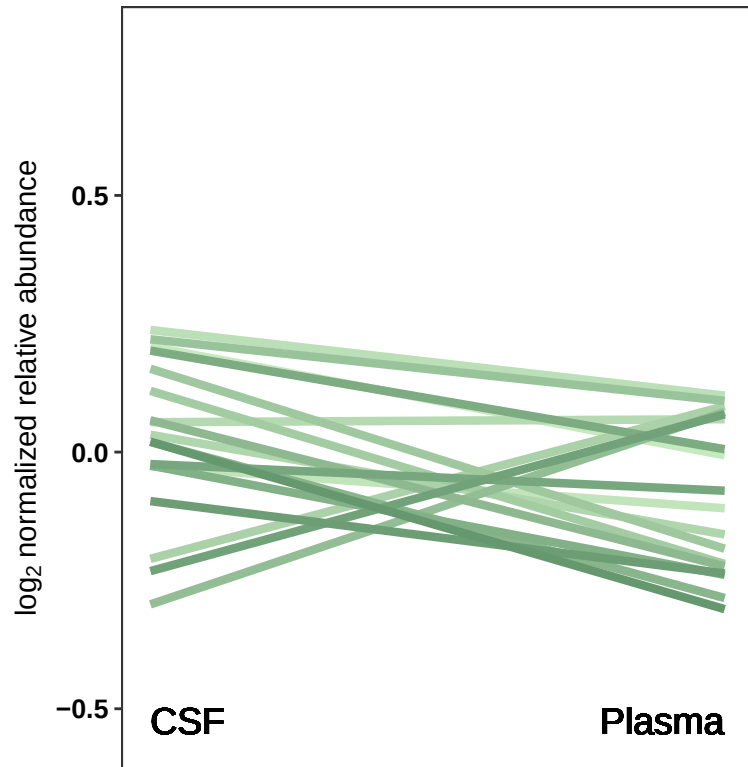
AD:



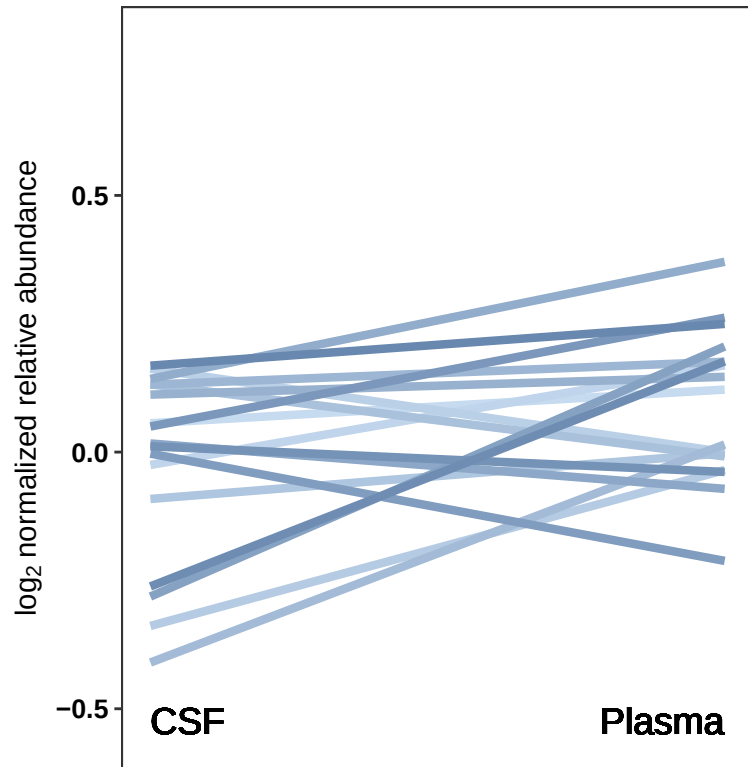
M38 plum1: Ambiguous

slopeDiff(AD-CT): 0.223

Normal:



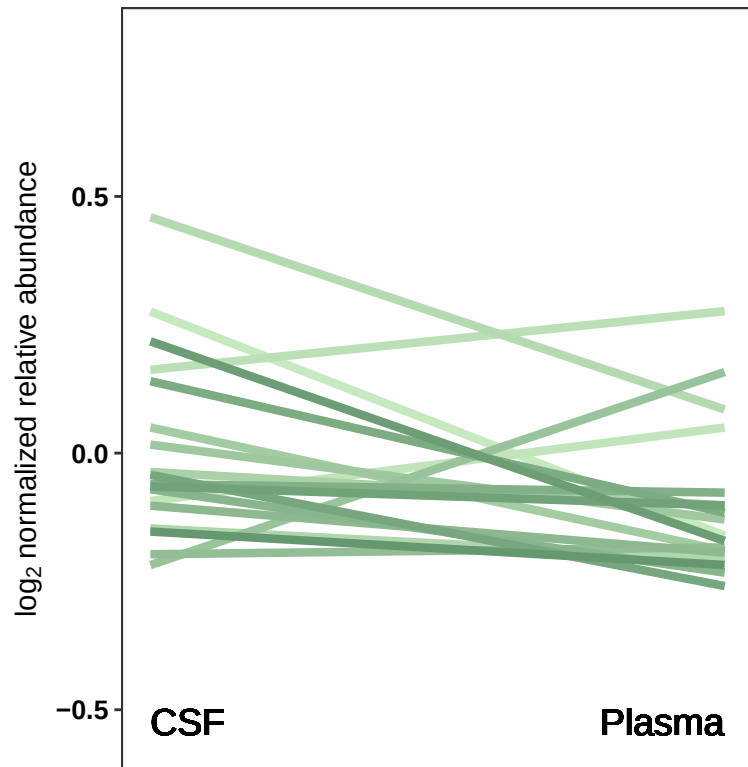
AD:



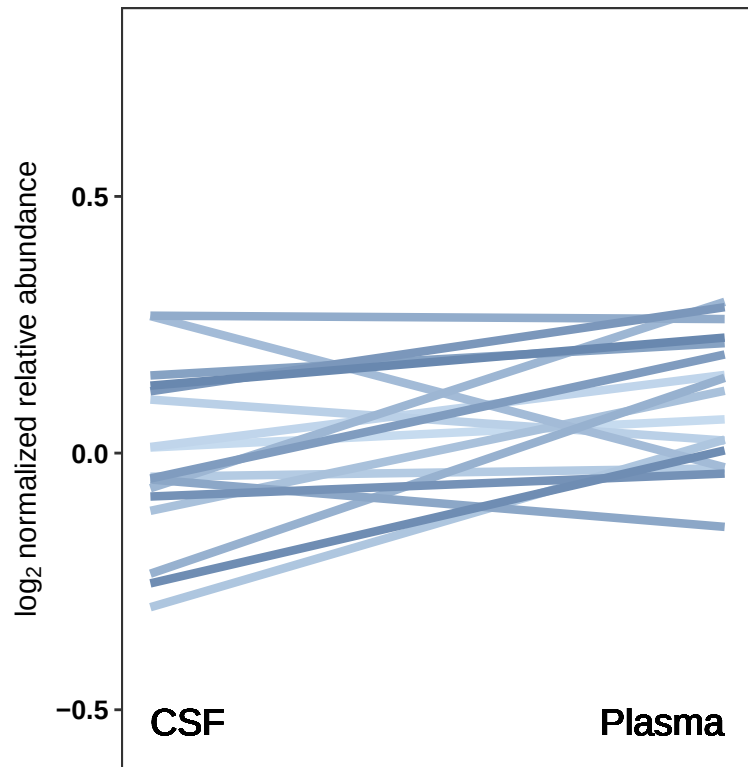
M2 blue: Neuronal/Axon Development

slopeDiff(AD-CT): 0.218

Normal:



AD:



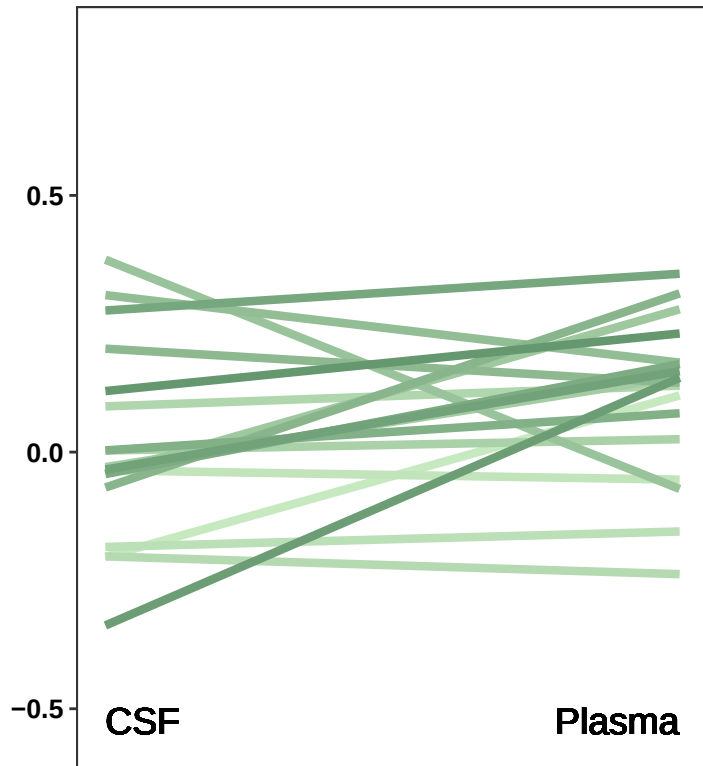
M1 turquoise: Immune Response

slopeDiff(AD-CT): -0.198

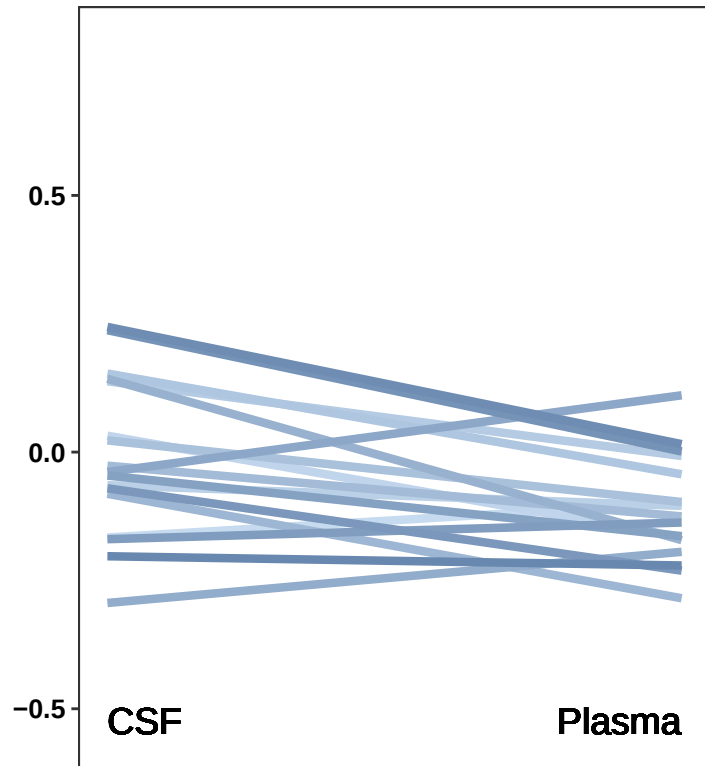
Normal:

AD:

log₂ normalized relative abundance



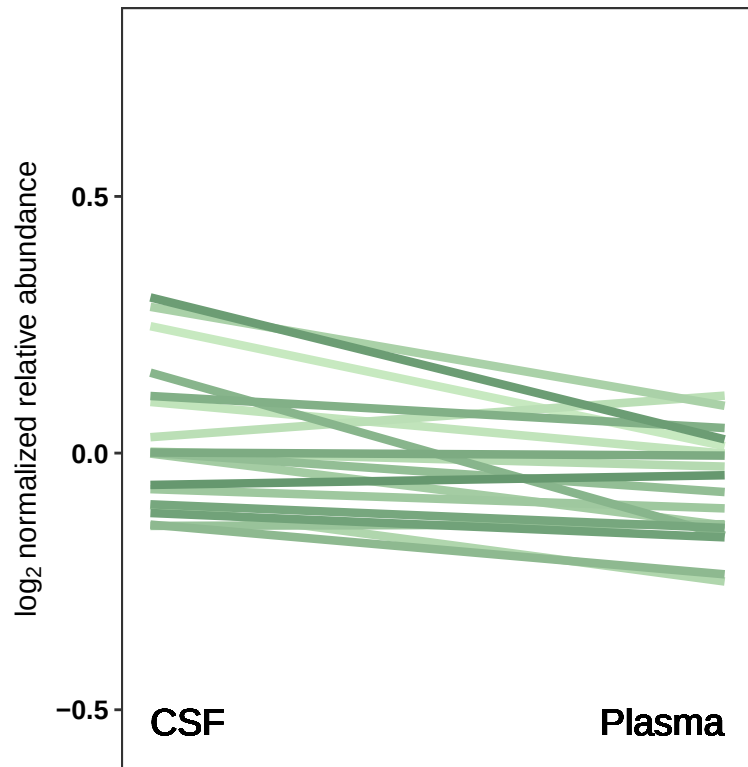
log₂ normalized relative abundance



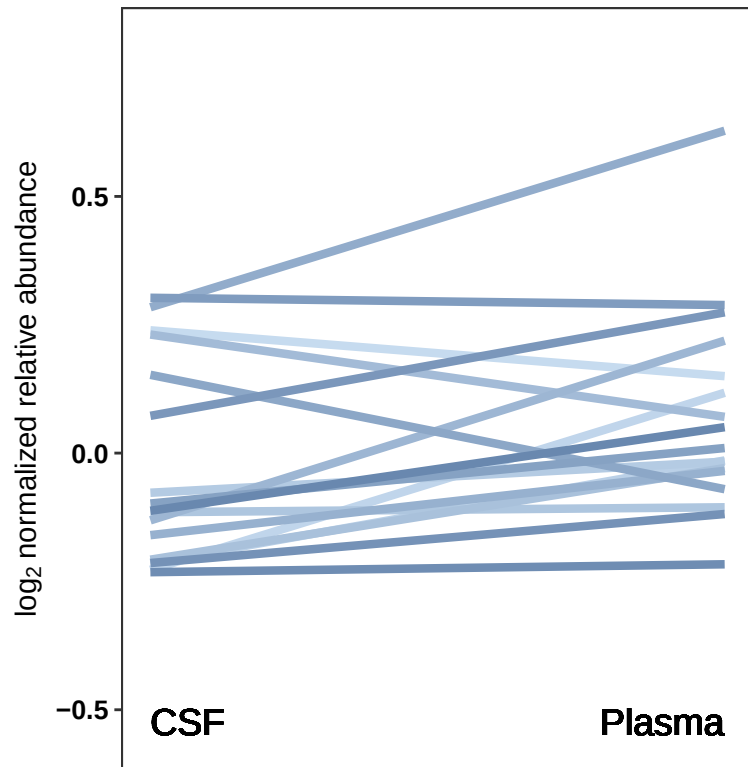
M18 lightgreen: ECM Organization/Scavenger Receptor

slopeDiff(AD-CT): 0.195

Normal:



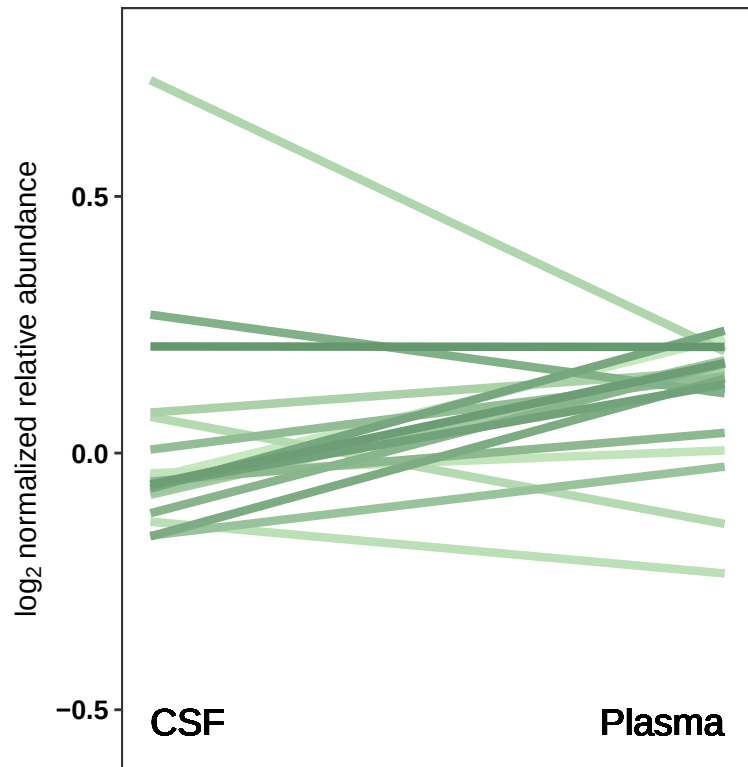
AD:



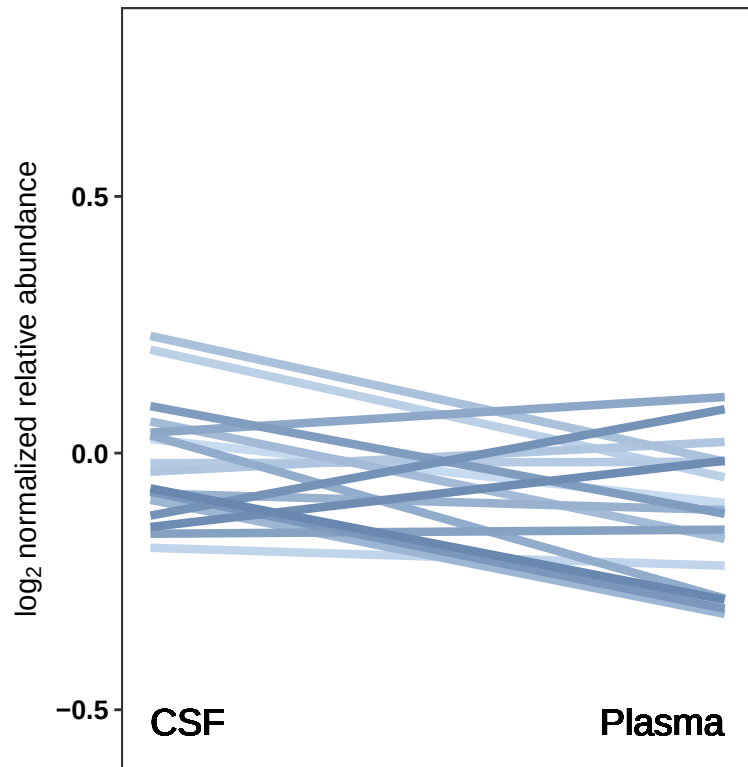
M33 darkolivegreen: Translation/Sugar Binding

slopeDiff(AD-CT): -0.187

Normal:



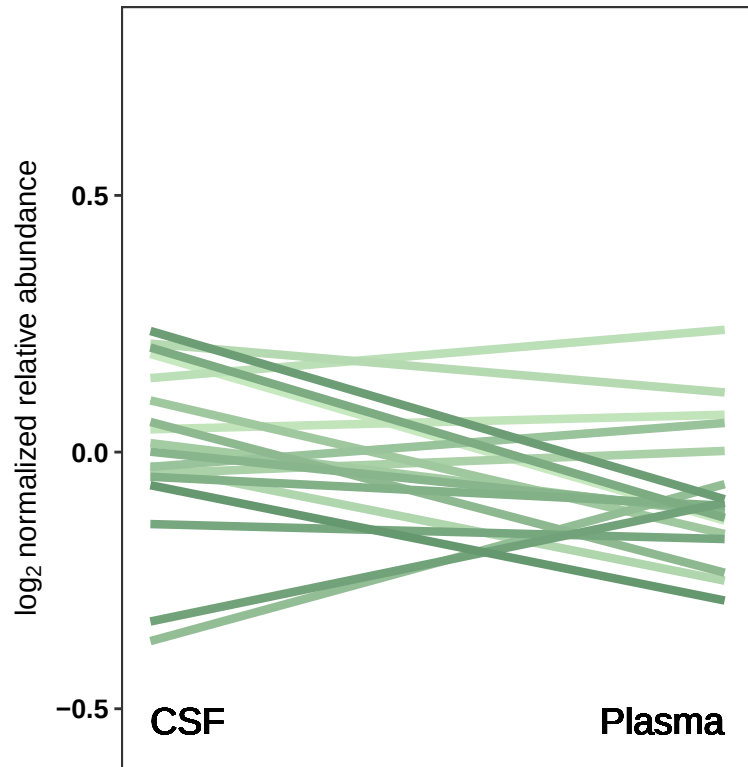
AD:



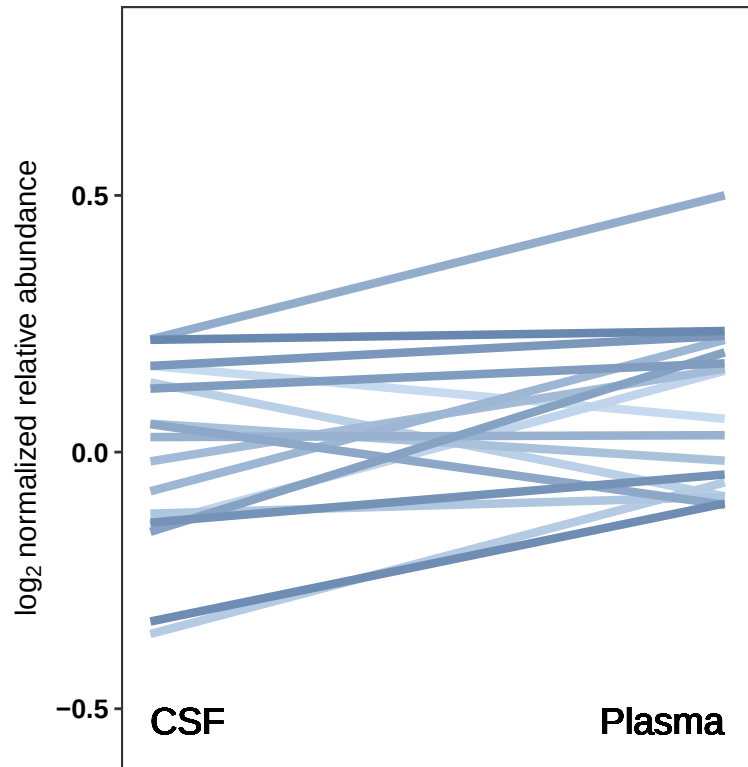
M27 white: Ambiguous

slopeDiff(AD-CT): 0.187

Normal:



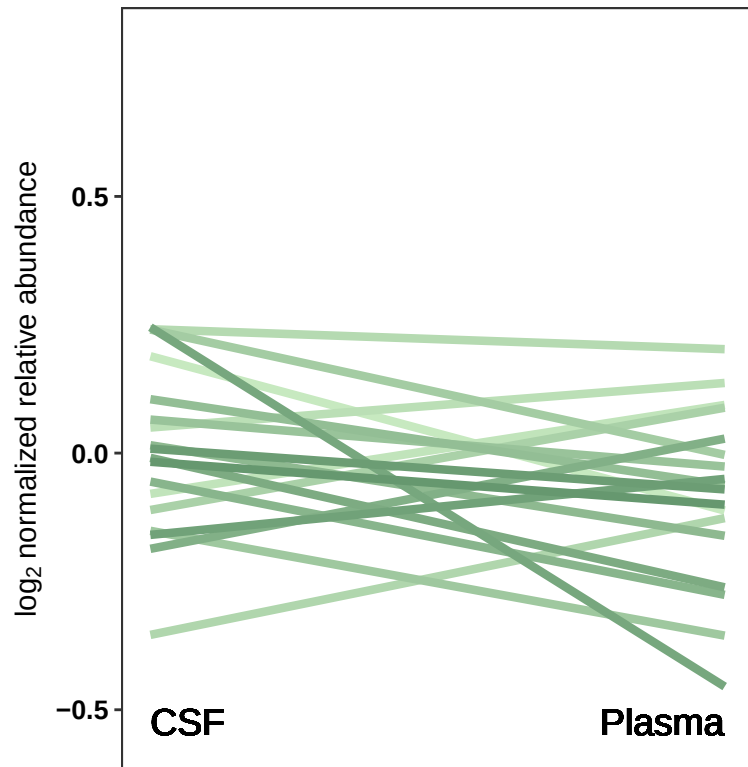
AD:



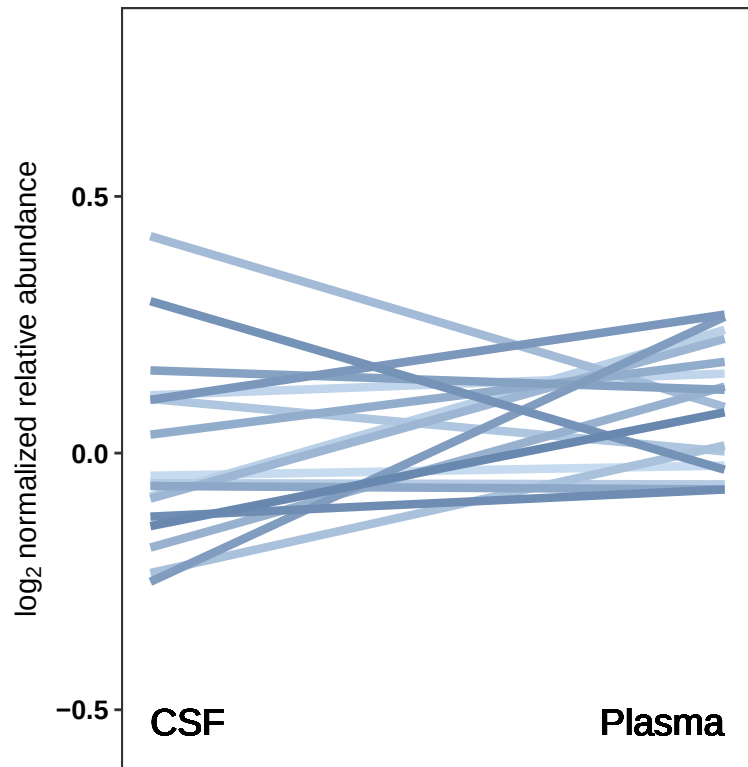
M11 greenyellow: Ambiguous

slopeDiff(AD-CT): 0.177

Normal:



AD:

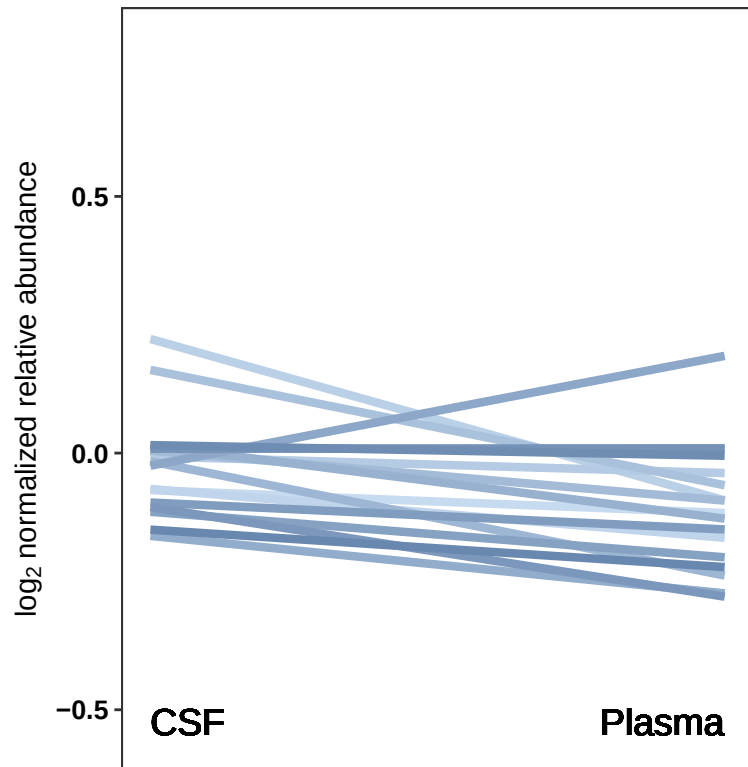
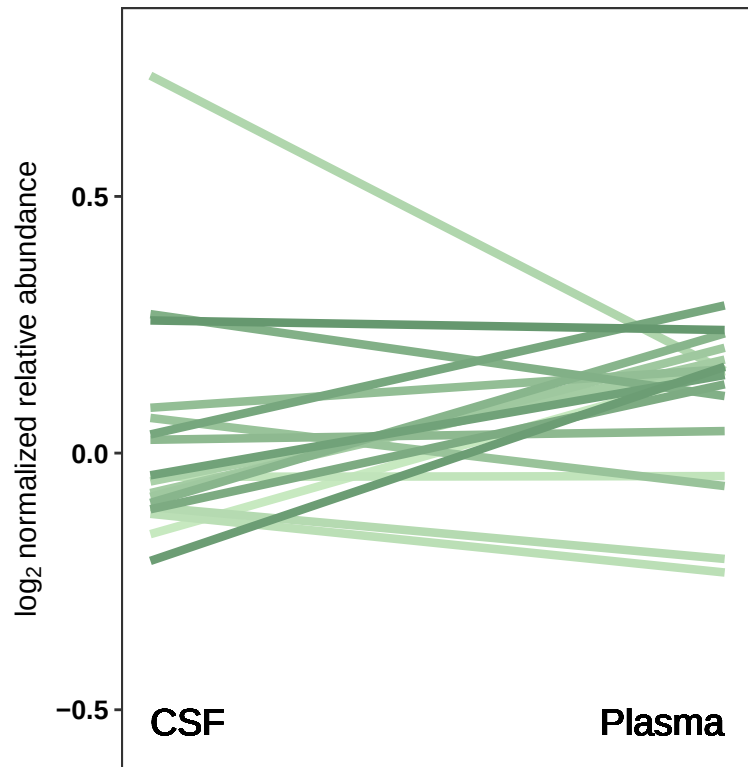


M5 green: Compound Metabolism/Heat Shock Protein Binding

slopeDiff(AD-CT): -0.169

Normal:

AD:

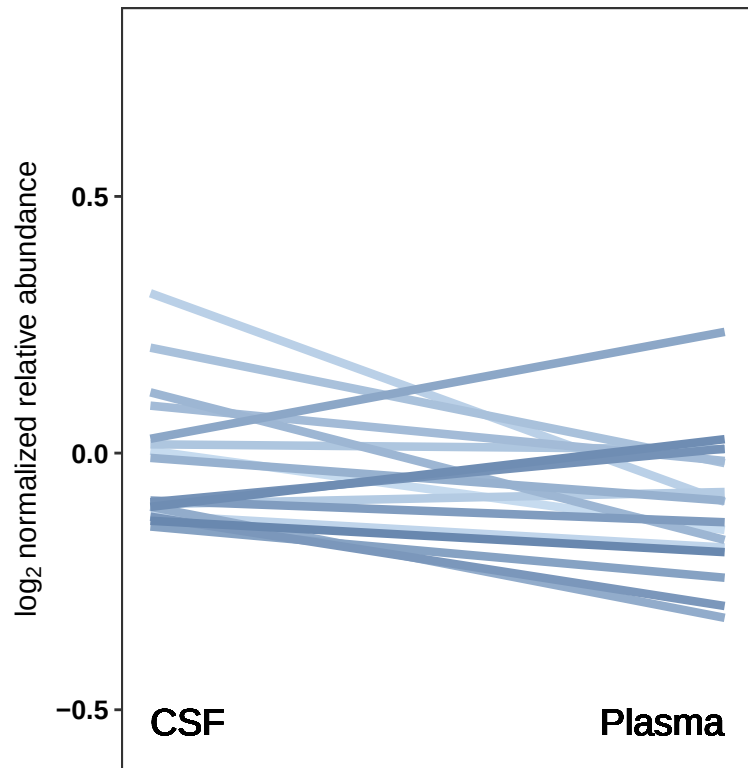
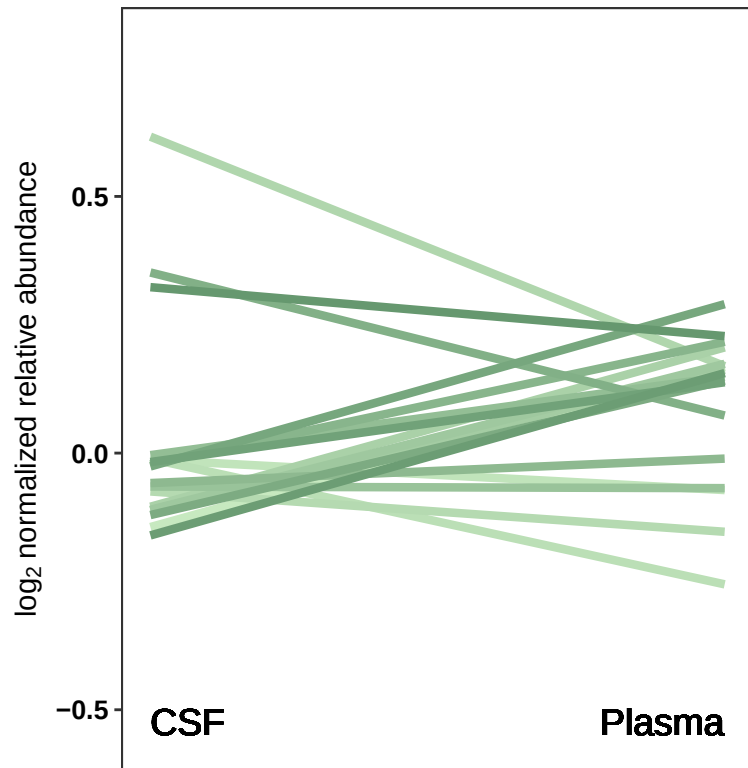


M25 orange: Ambiguous

slopeDiff(AD-CT): -0.167

Normal:

AD:

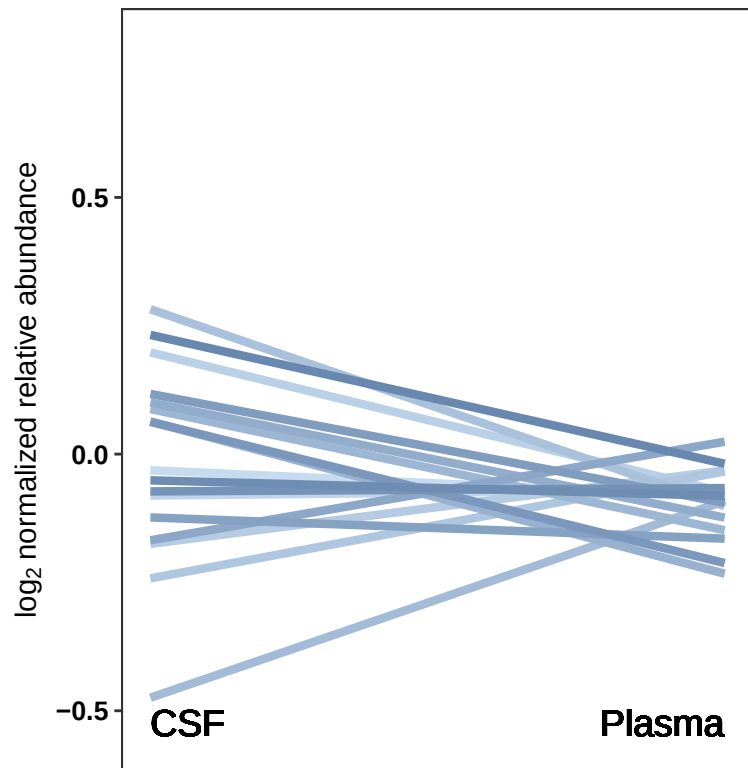
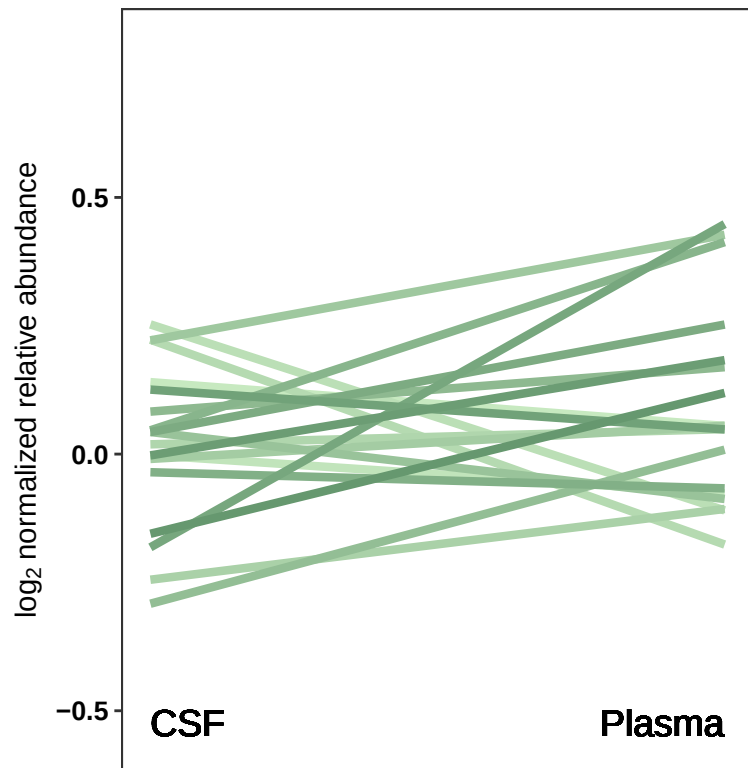


M12 tan: Neurexin/Neuronal Adhesion

slopeDiff(AD-CT): -0.152

Normal:

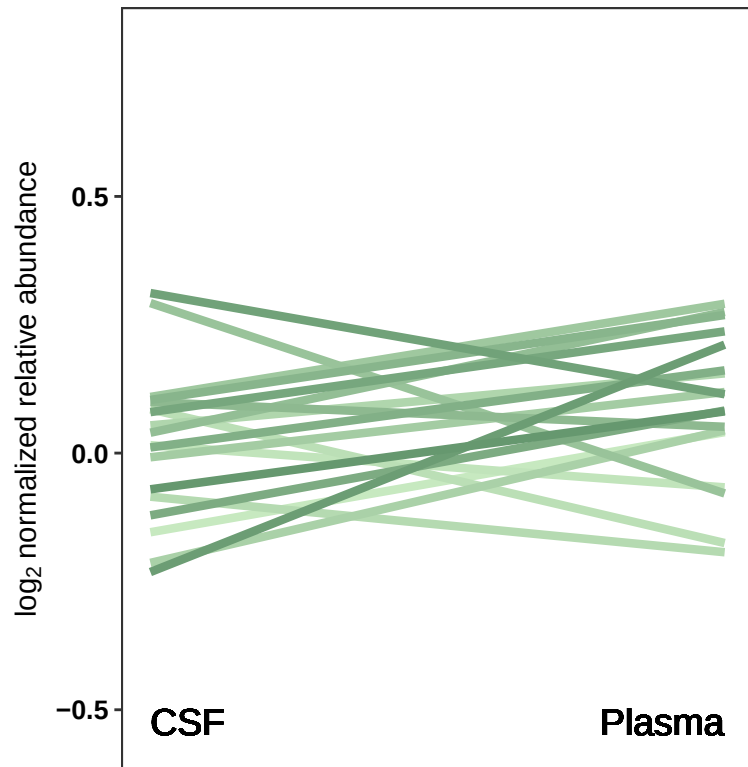
AD:



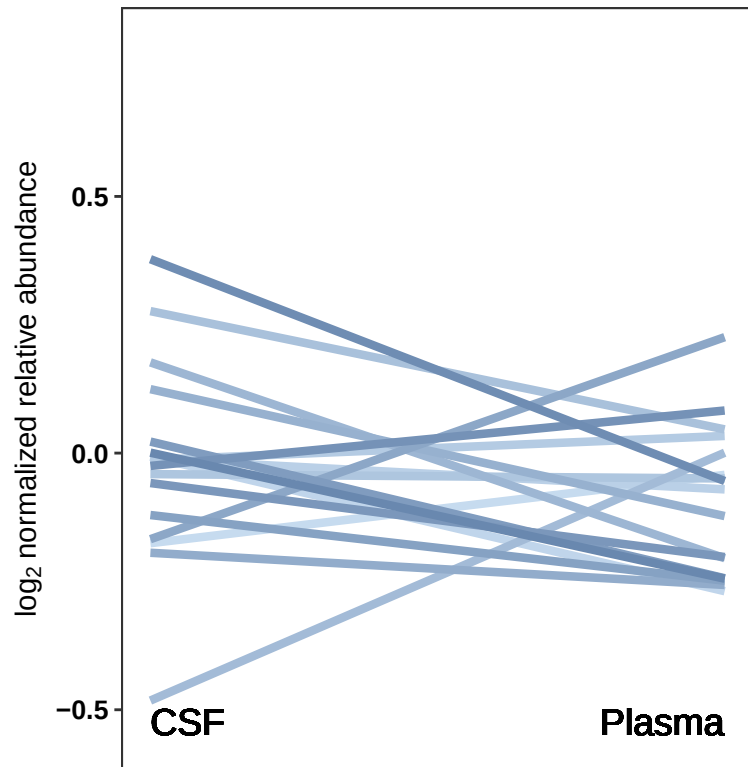
M4 yellow: Lysosome

slopeDiff(AD-CT): -0.149

Normal:



AD:

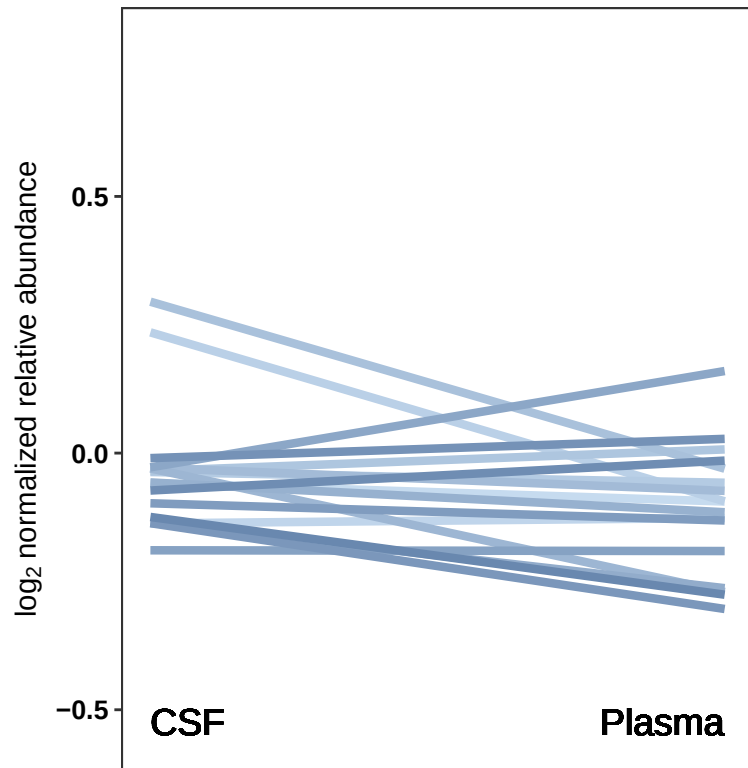
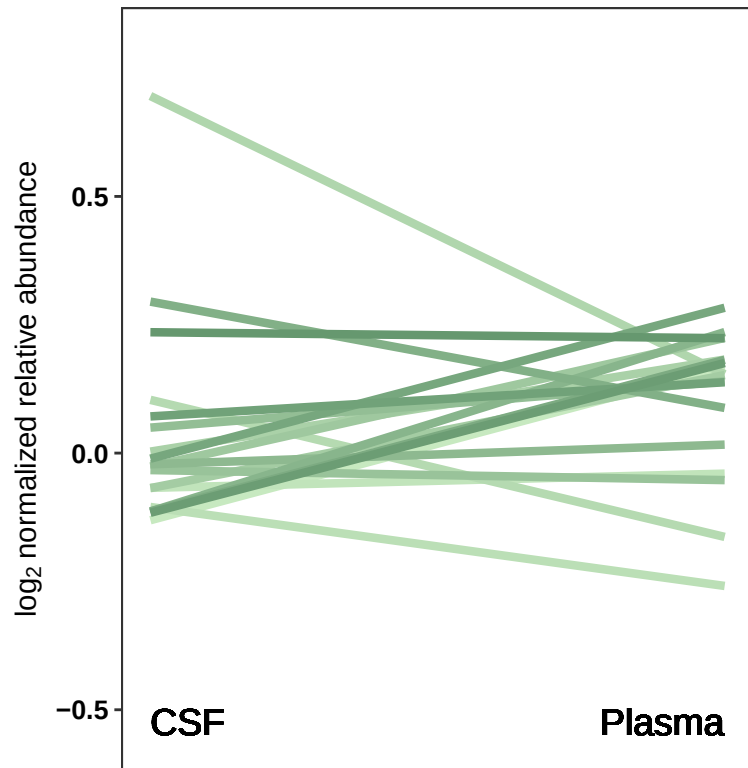


M37 skyblue3: RNA Binding/Metabolism

slopeDiff(AD-CT): -0.137

Normal:

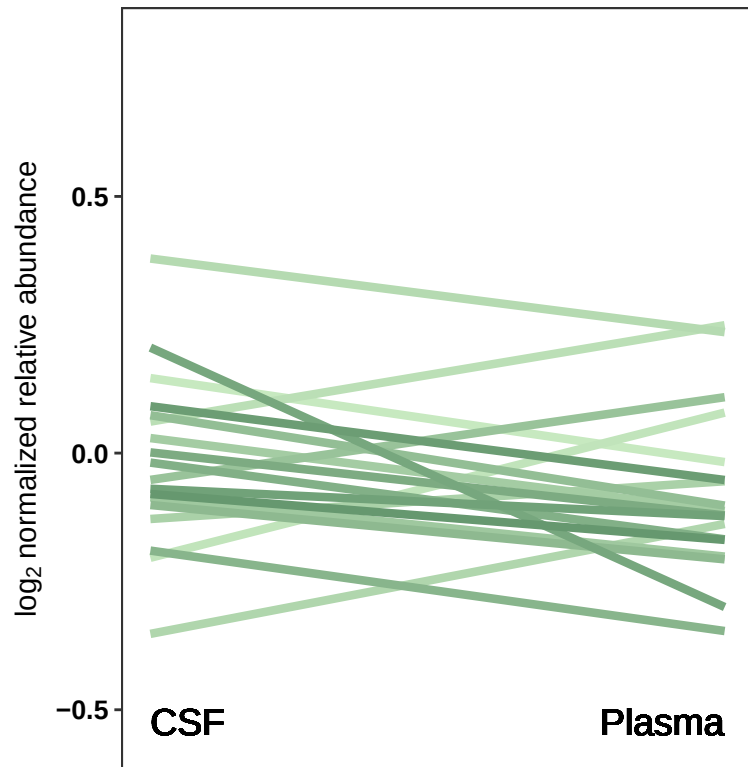
AD:



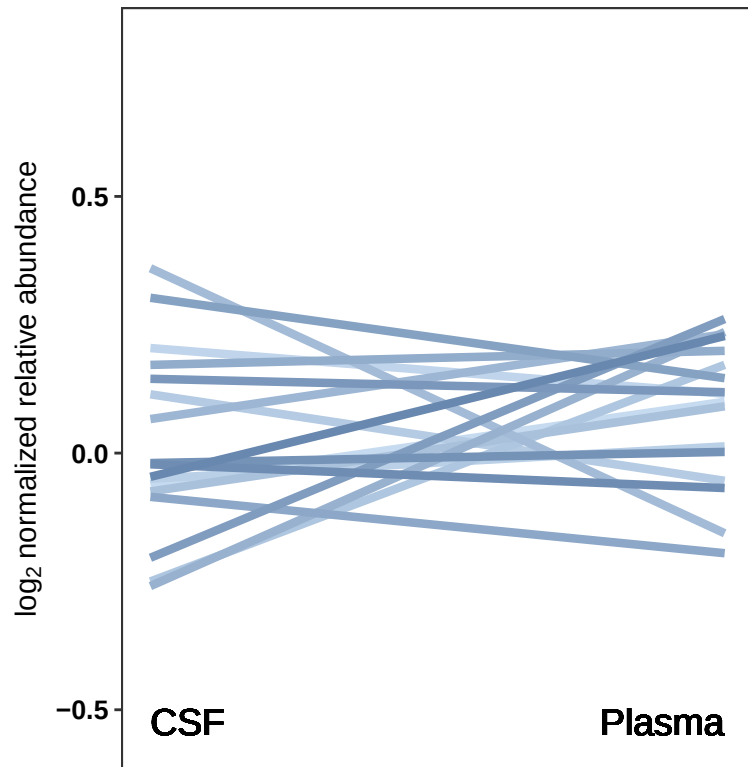
M21 darkred: Neuron Recognition

slopeDiff(AD-CT): 0.131

Normal:



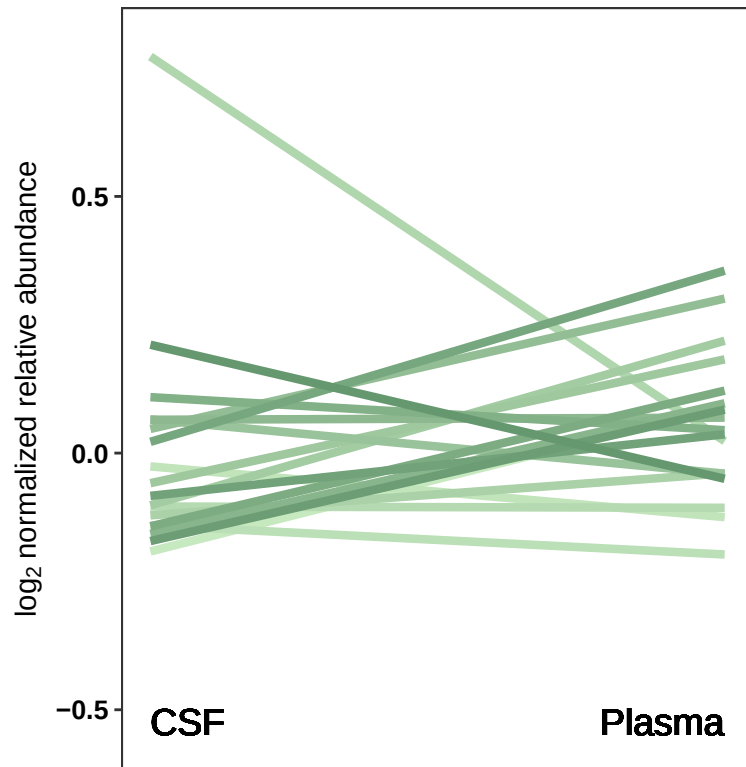
AD:



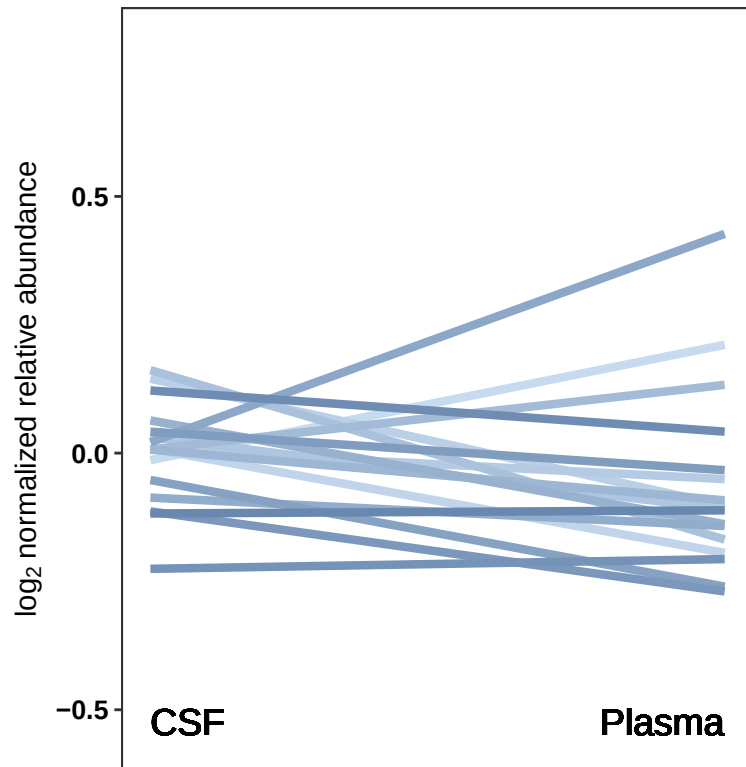
M28 skyblue: Proteasome

slopeDiff(AD-CT): -0.123

Normal:



AD:



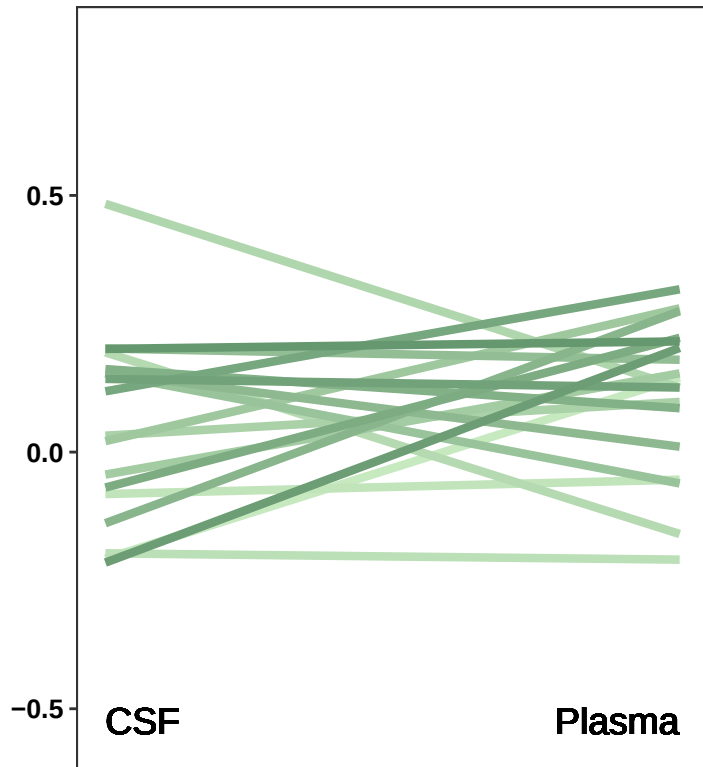
M9 magenta: Ambiguous

slopeDiff(AD-CT): -0.119

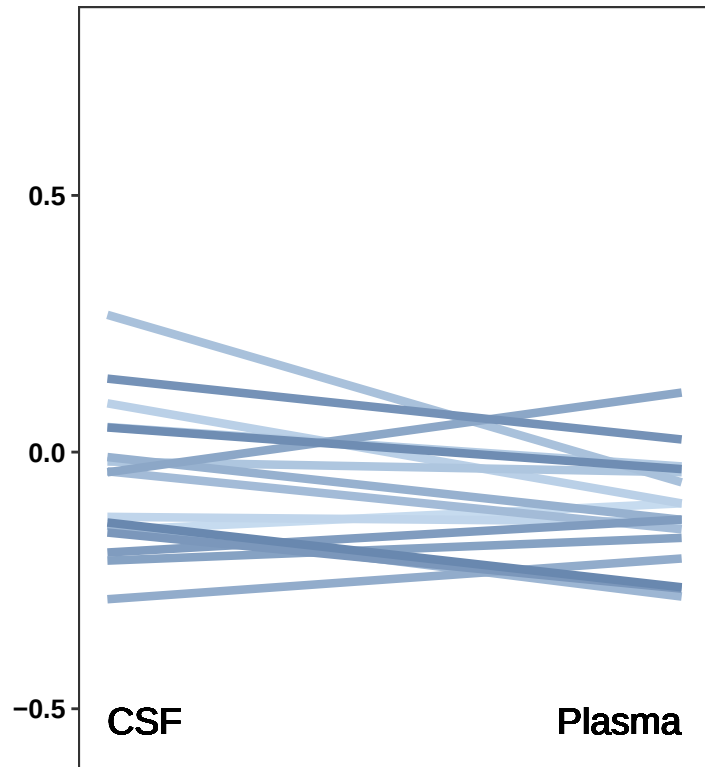
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



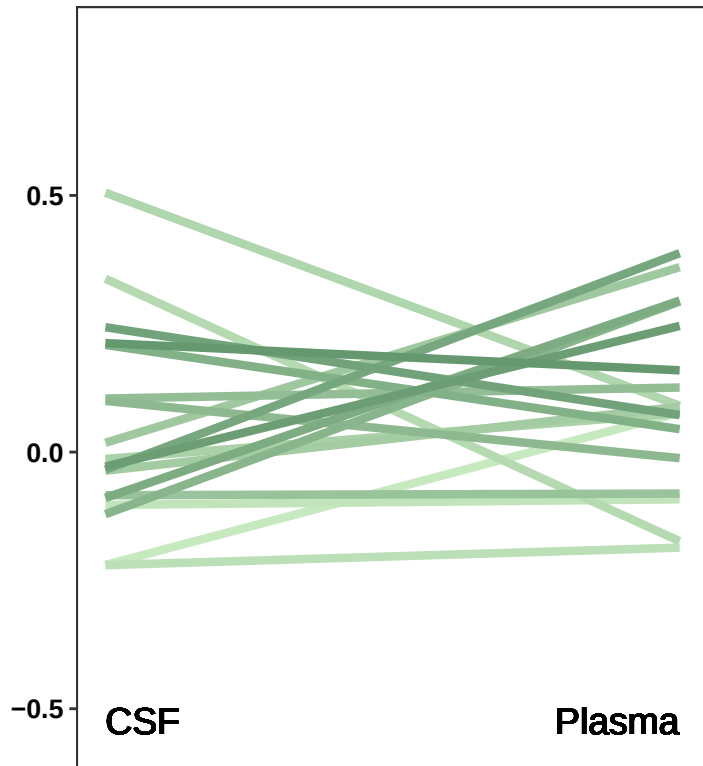
M30 steelblue: Ribonucleoprotein Complex

slopeDiff(AD-CT): -0.113

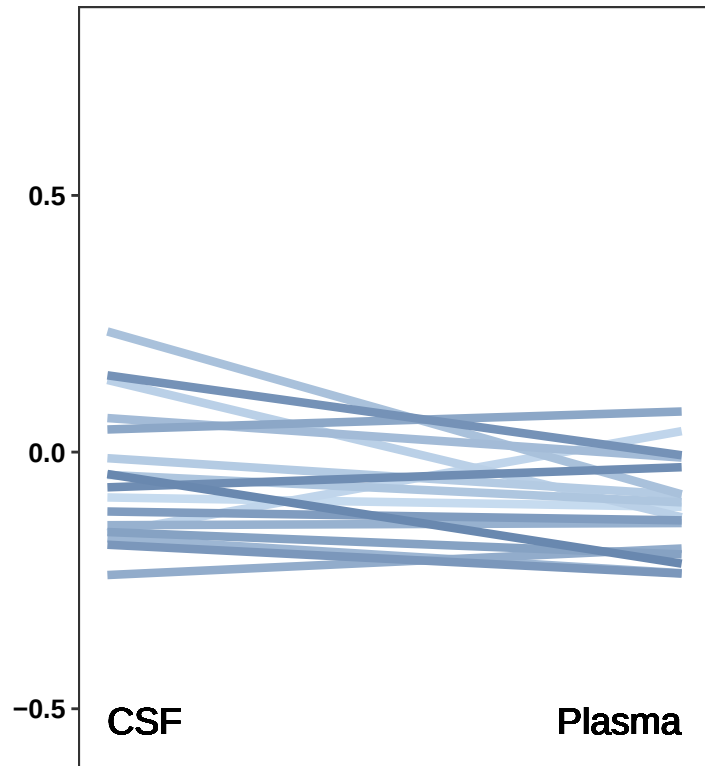
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



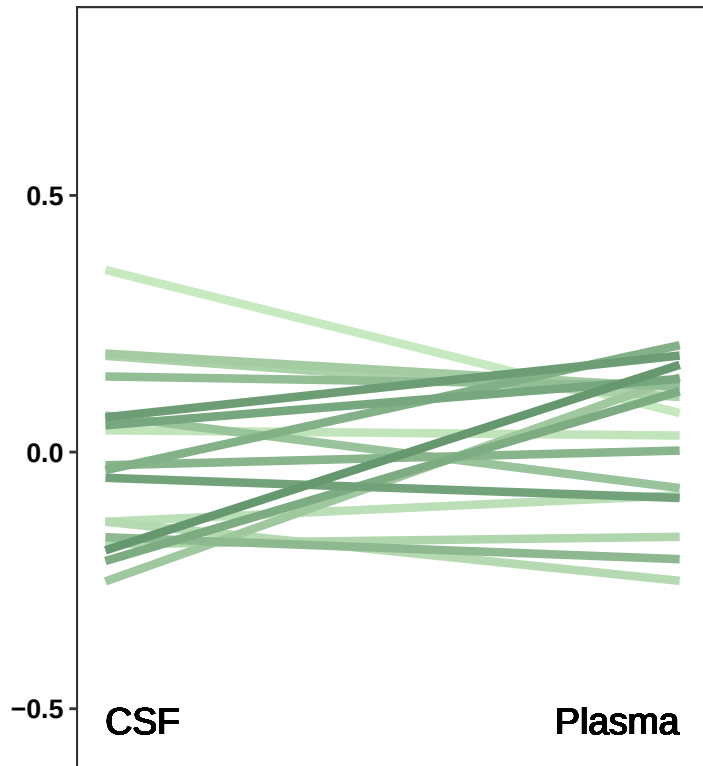
M22 darkgreen: ECM/Actin Binding

slopeDiff(AD-CT): -0.0969

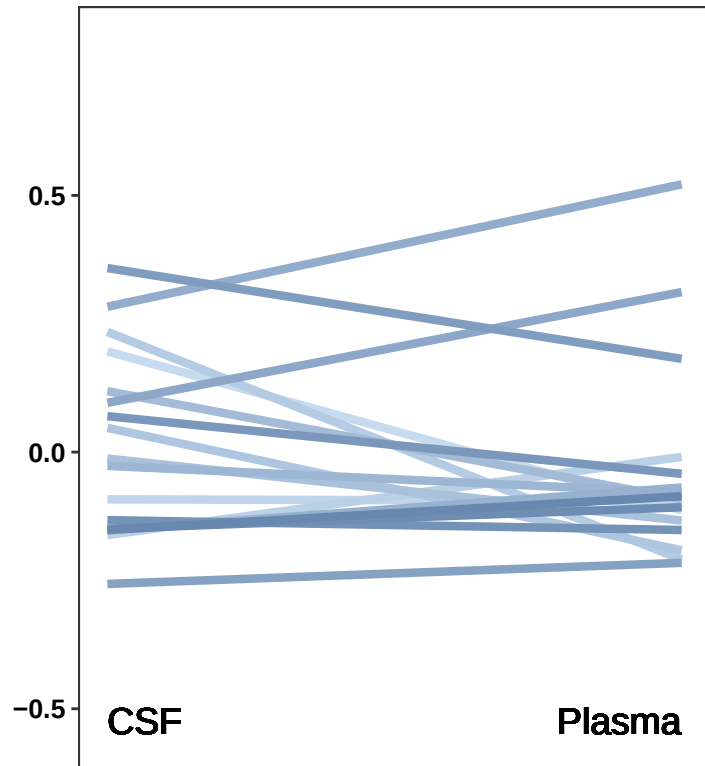
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance

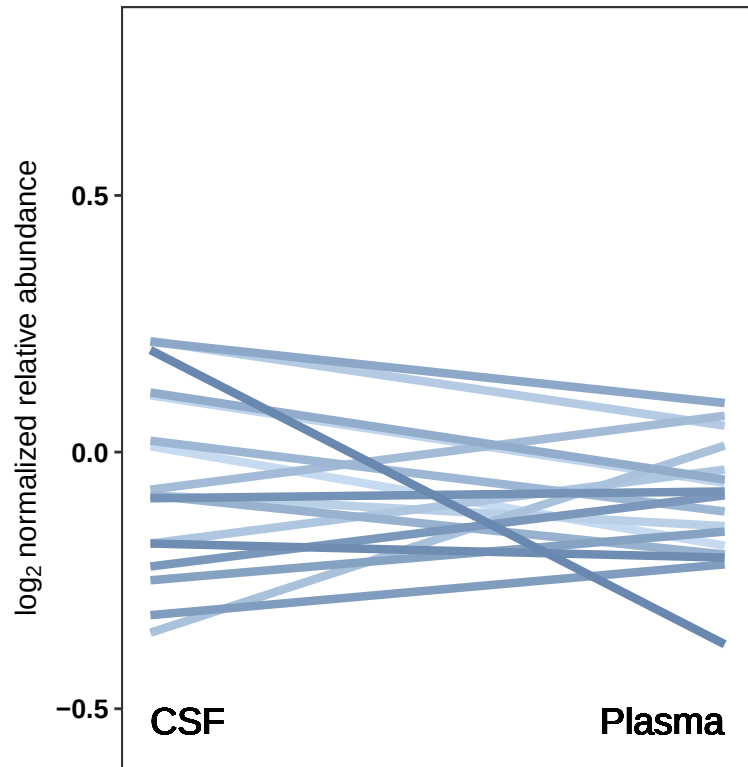
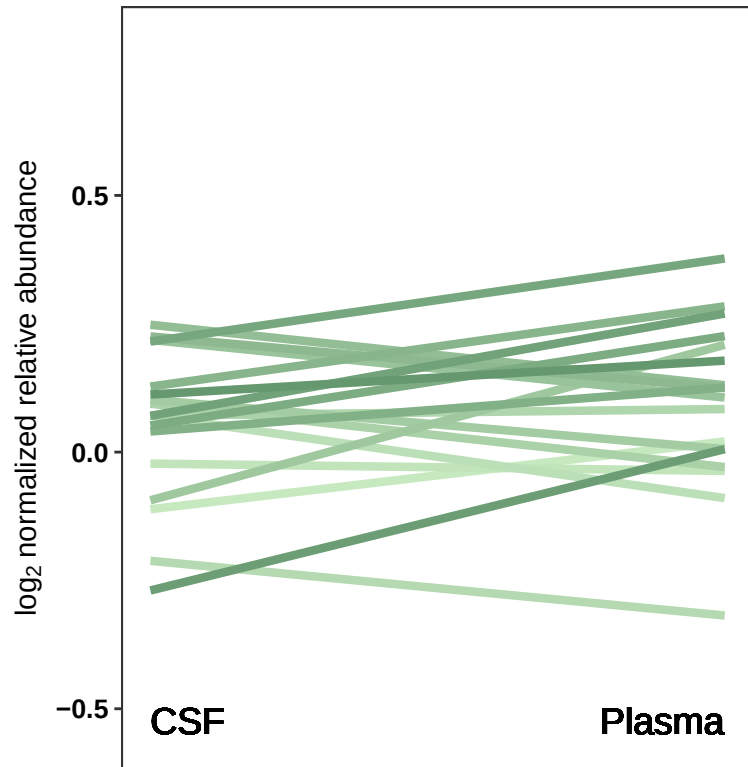


M20 royalblue: Ambiguous

slopeDiff(AD-CT): -0.084

Normal:

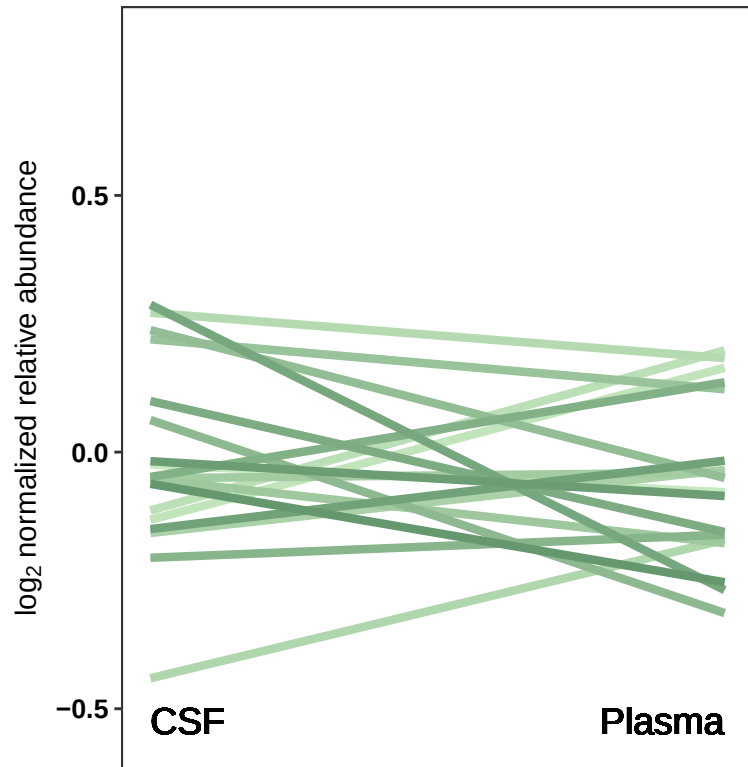
AD:



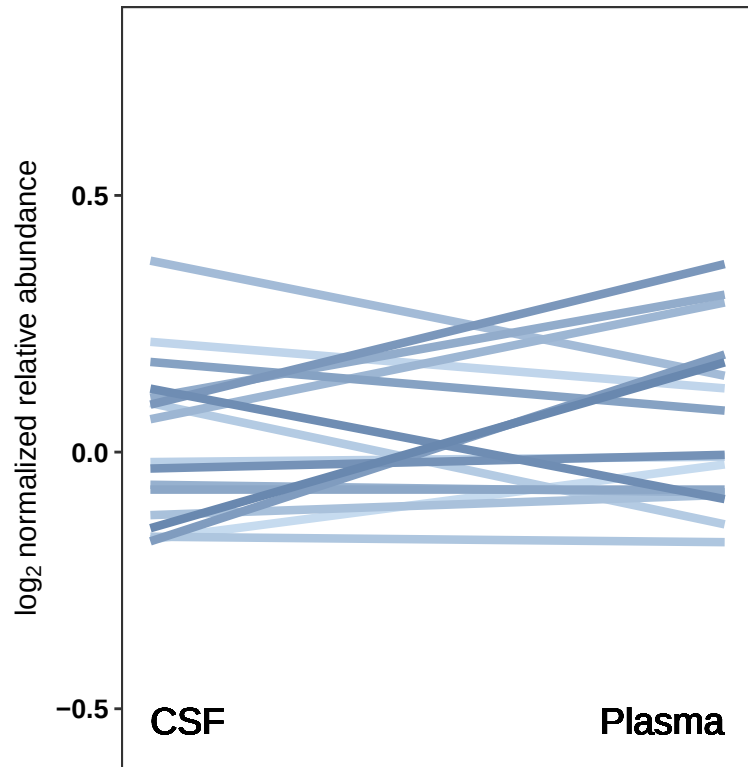
M17 grey60: Ambiguous

slopeDiff(AD-CT): 0.0829

Normal:



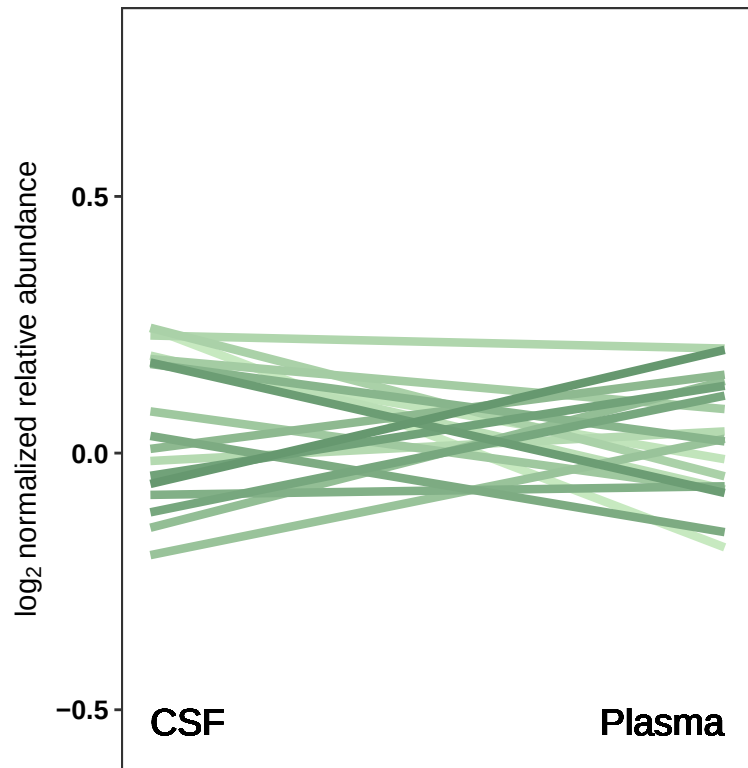
AD:



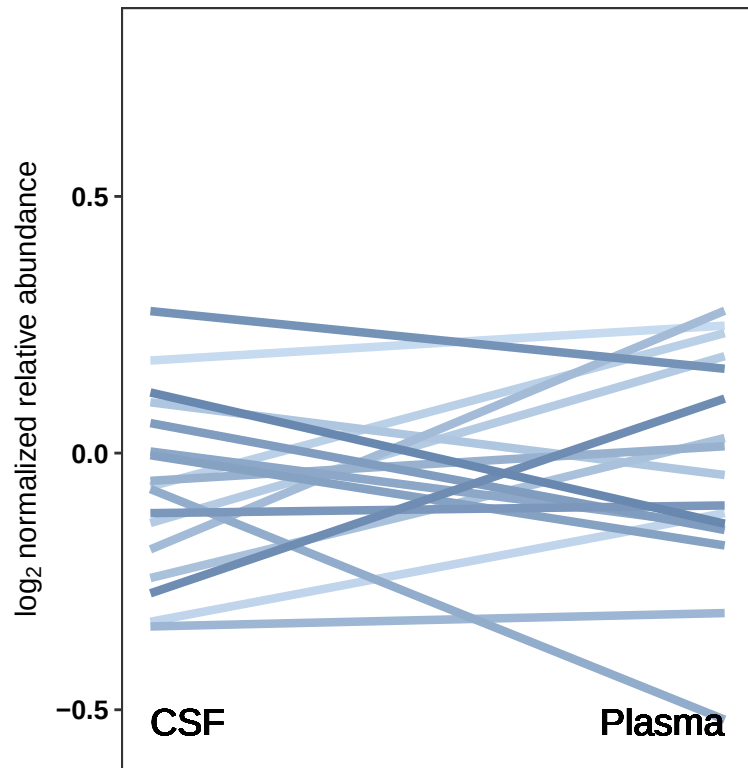
M10 purple: Ossification/Bone Development

slopeDiff(AD-CT): 0.0733

Normal:



AD:



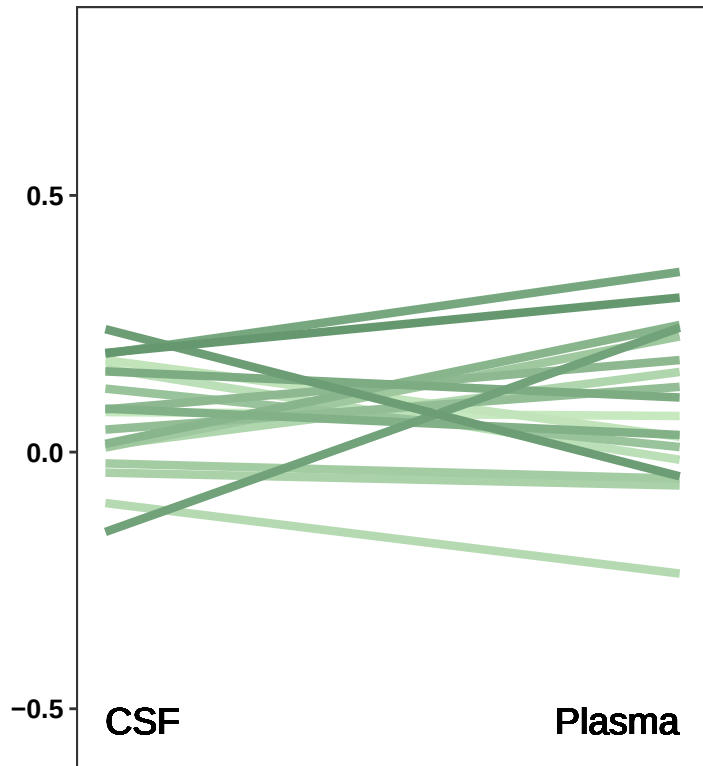
M23 darkturquoise: Nucleic Acid/Steroid Metabolism

slopeDiff(AD-CT): -0.0465

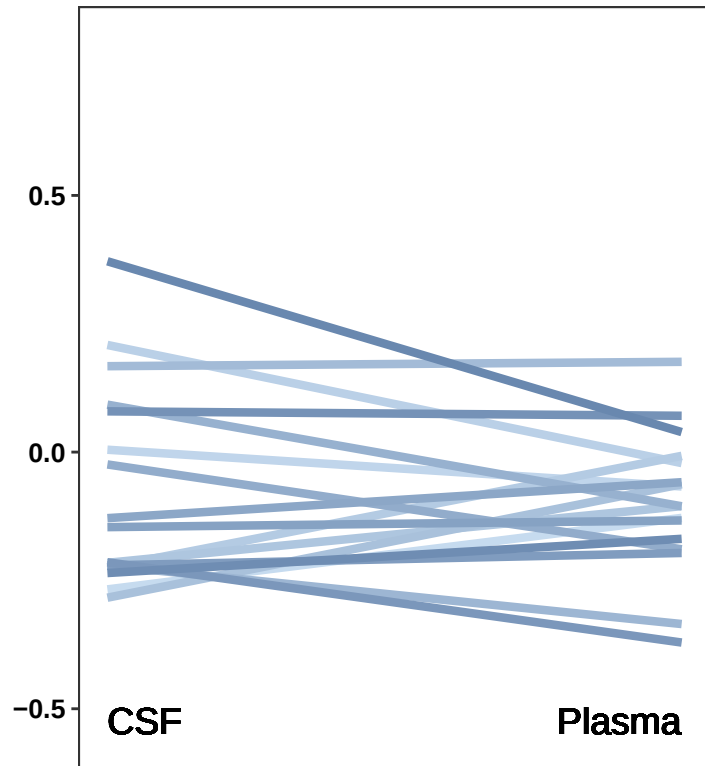
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance



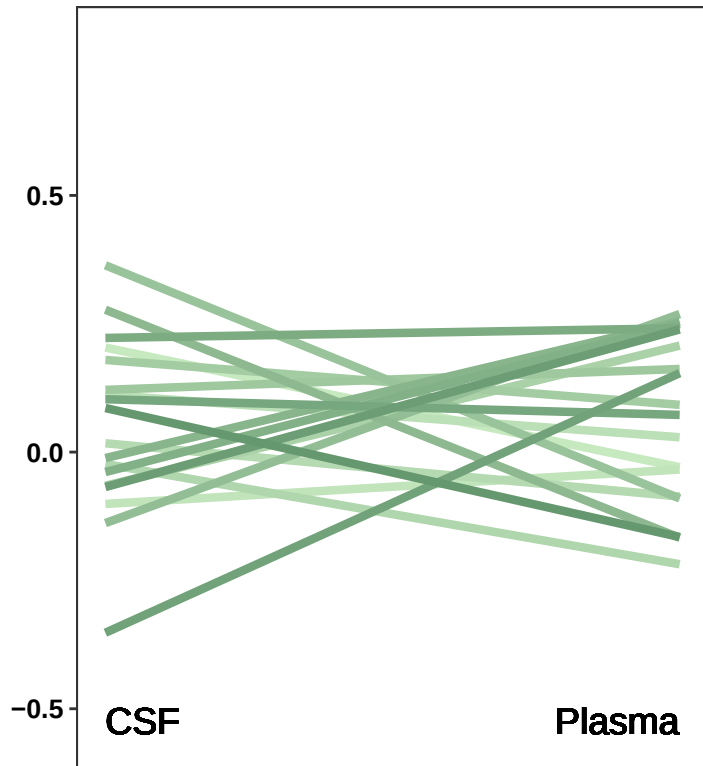
M19 lightyellow: Synapse Organization

slopeDiff(AD-CT): -0.0333

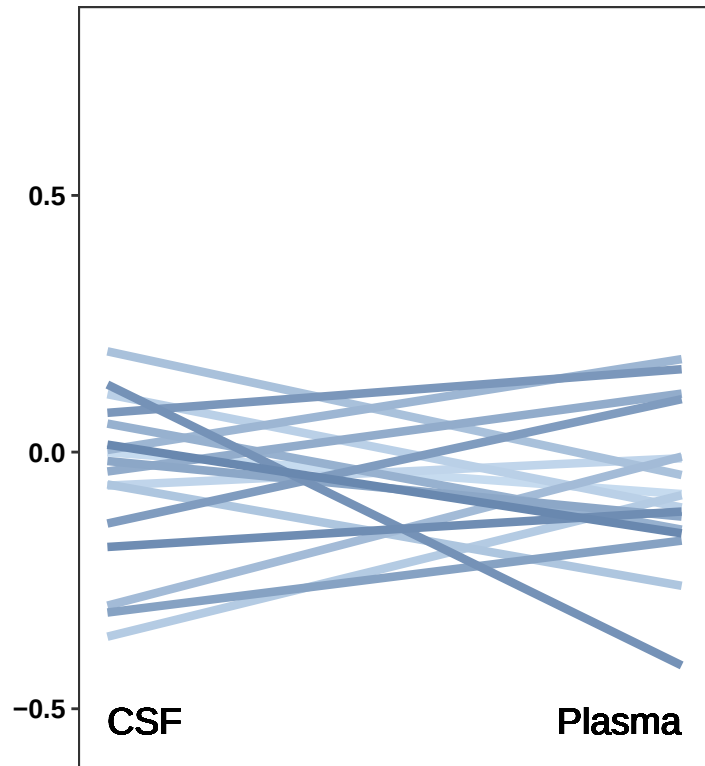
Normal:

AD:

log₂ normalized relative abundance



log₂ normalized relative abundance

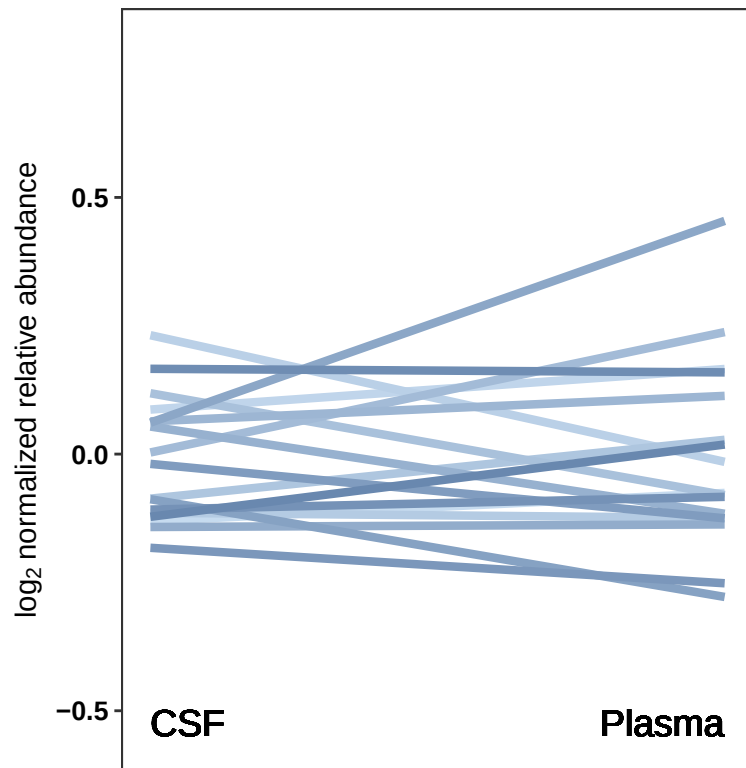
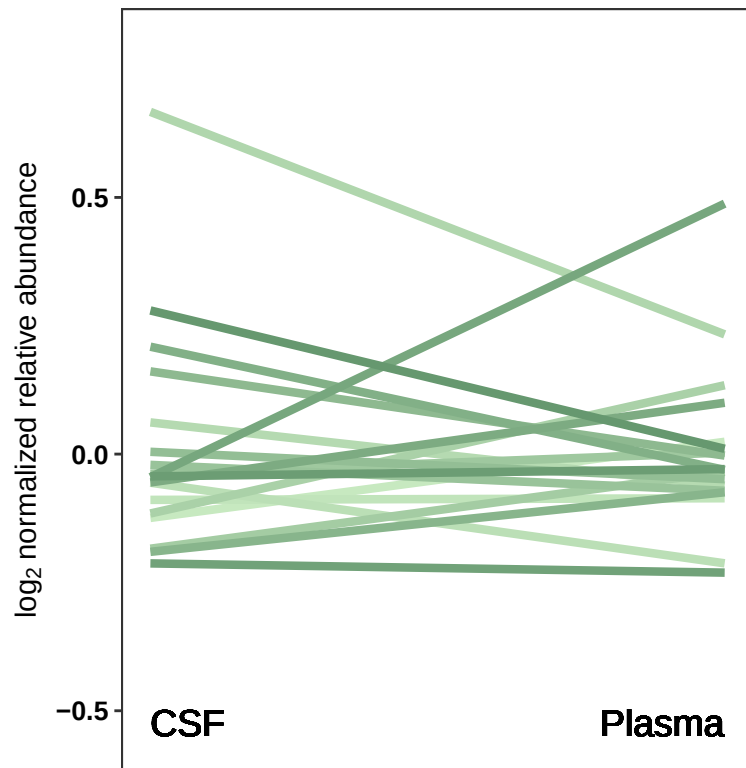


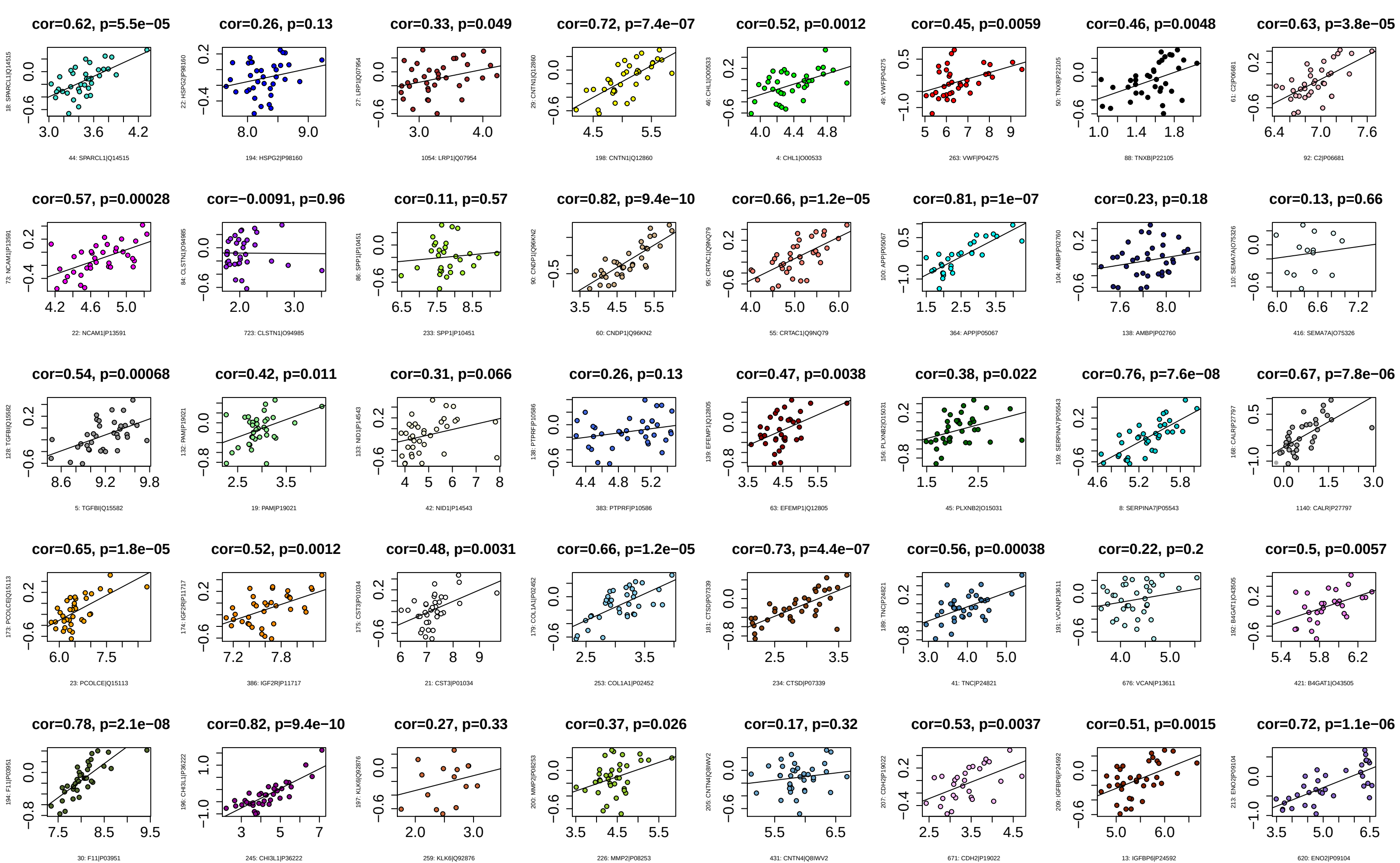
M34 darkmagenta: Cofactor Biosynthesis

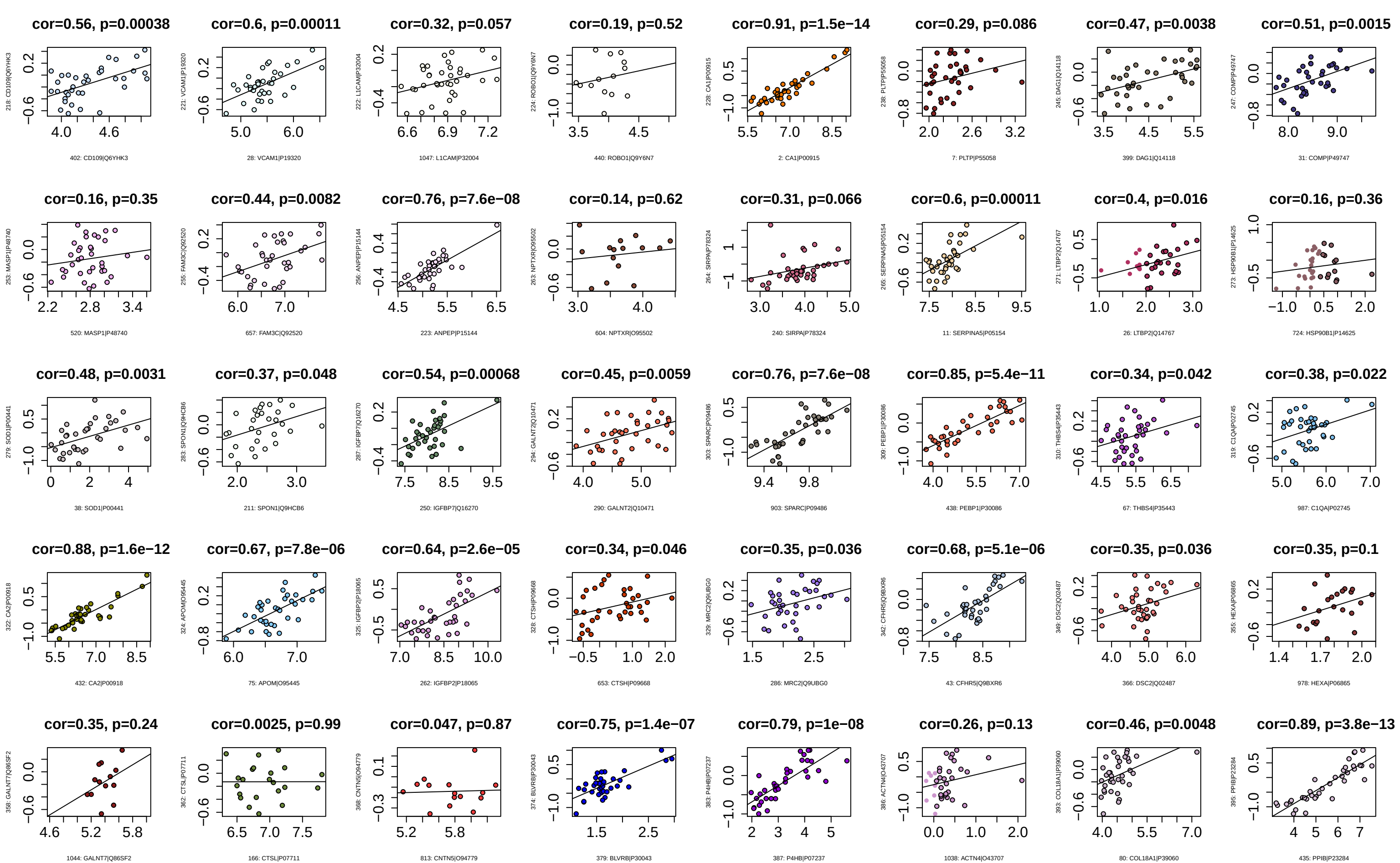
slopeDiff(AD-CT): 0.0113

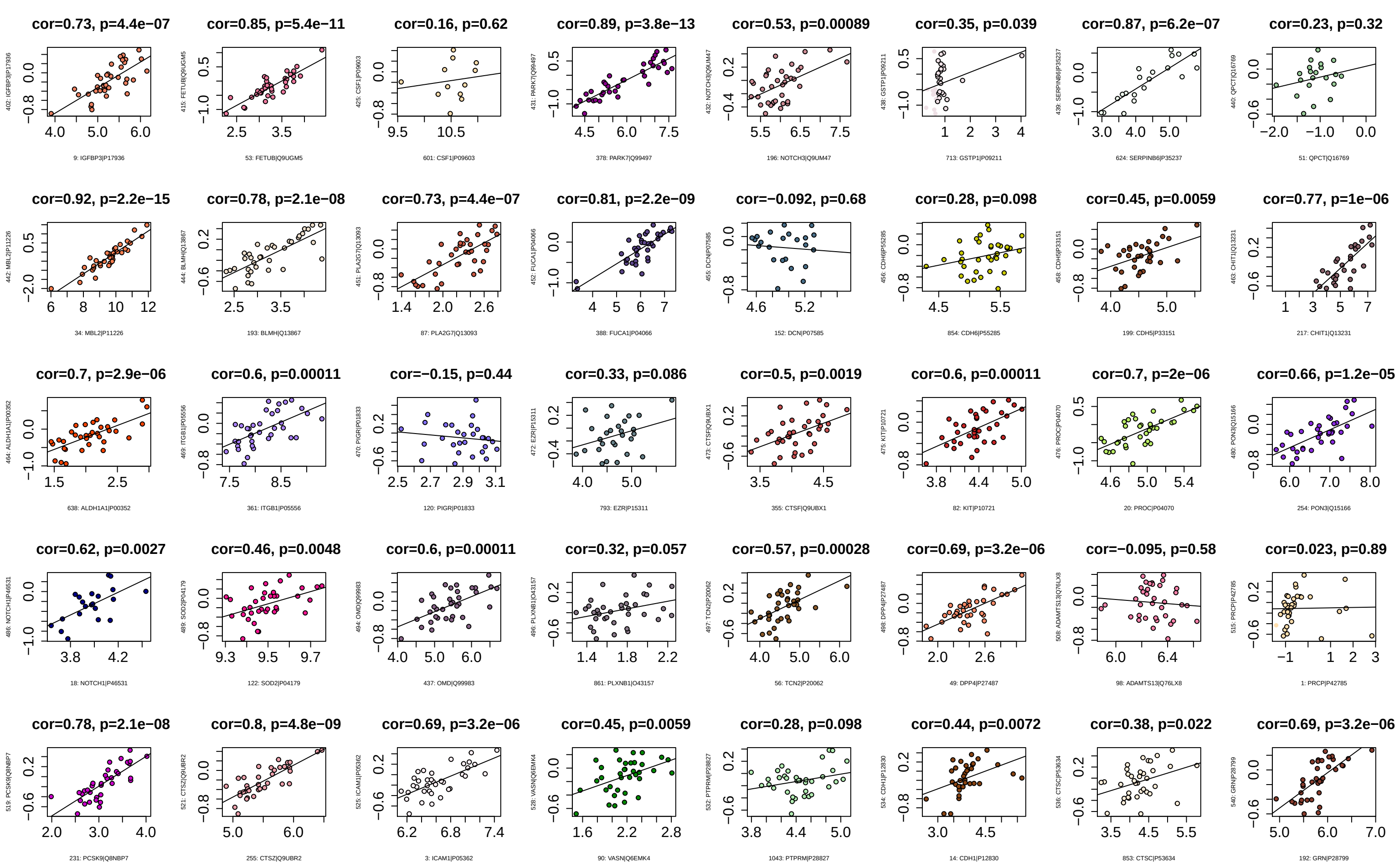
Normal:

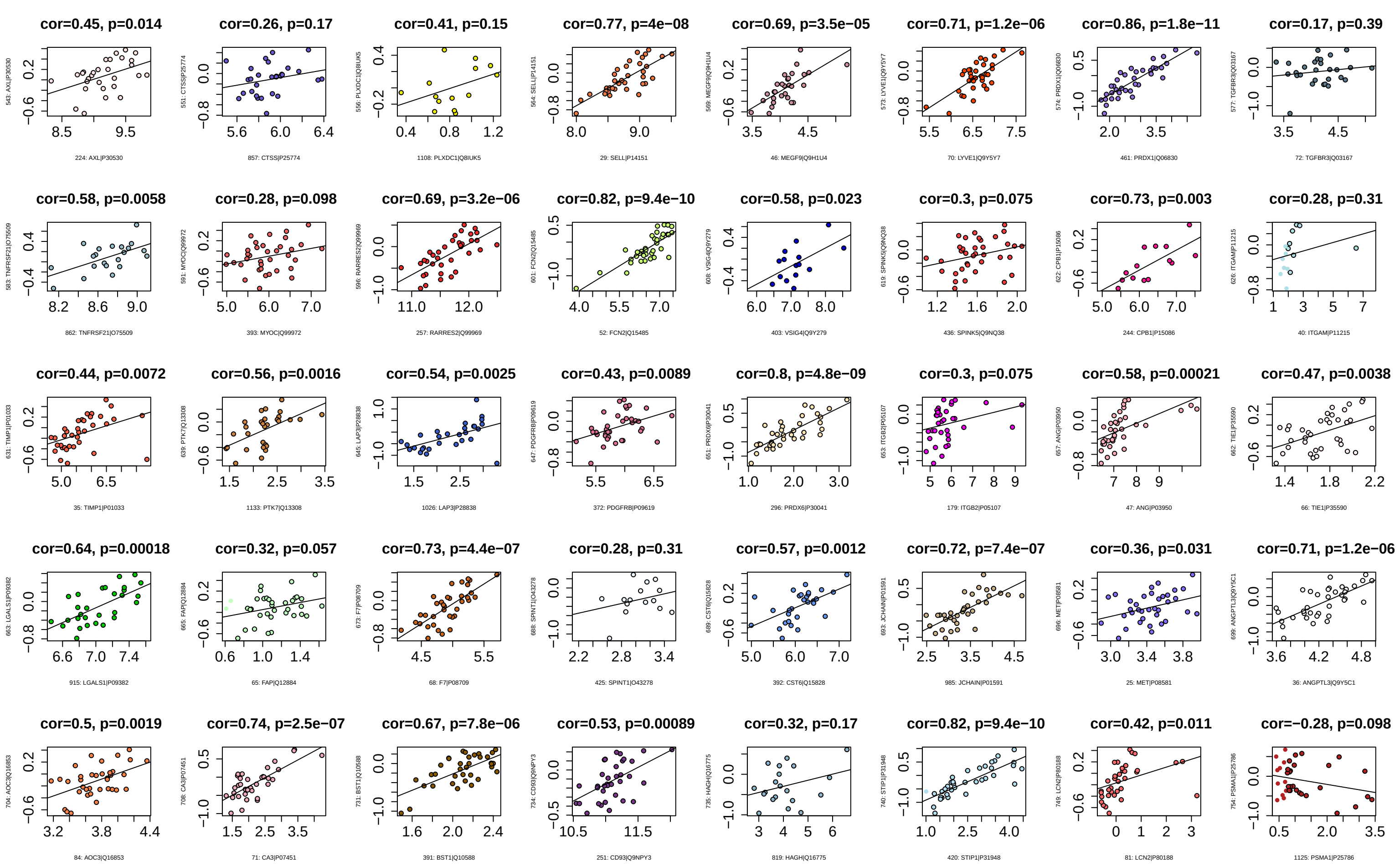
AD:

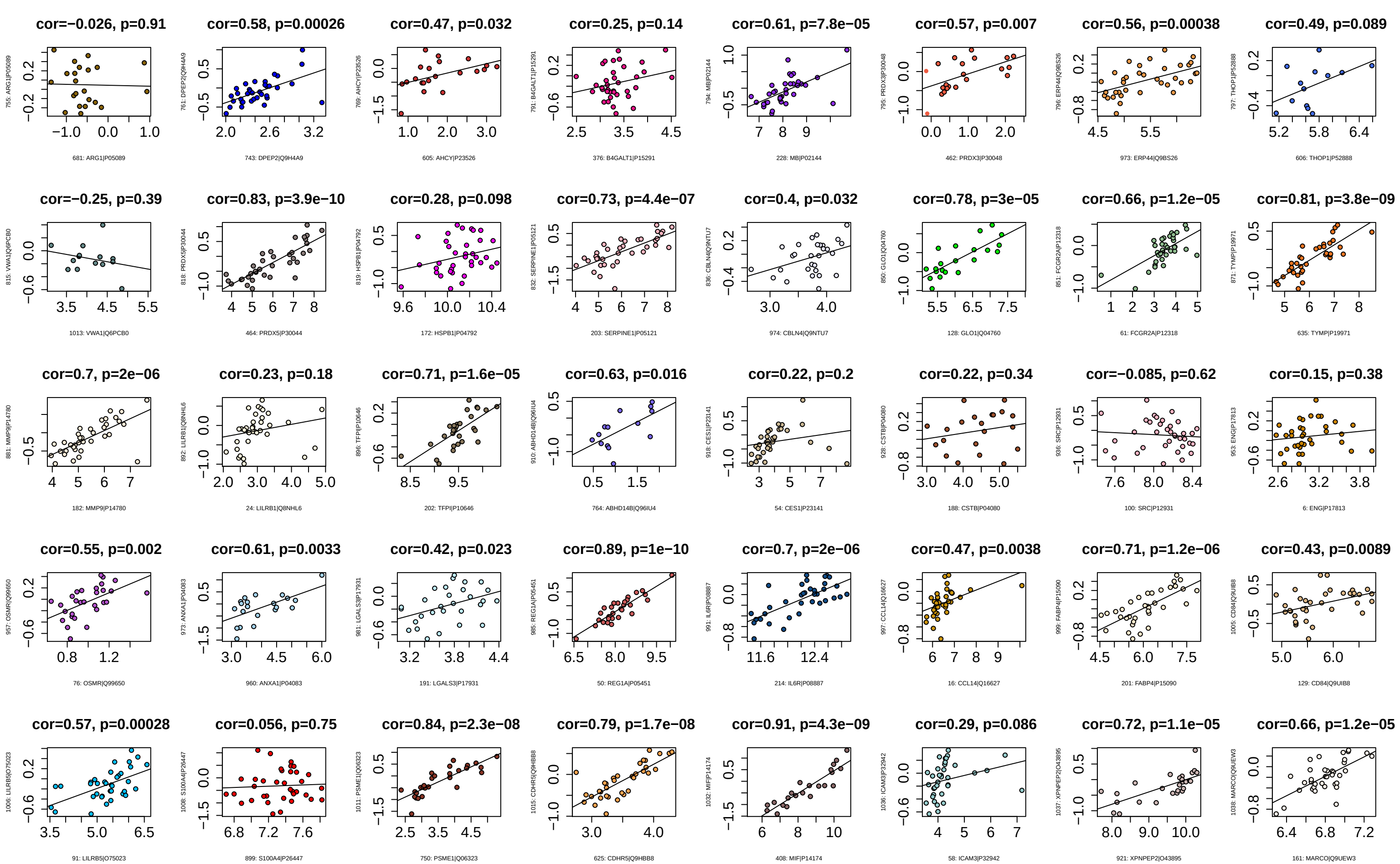


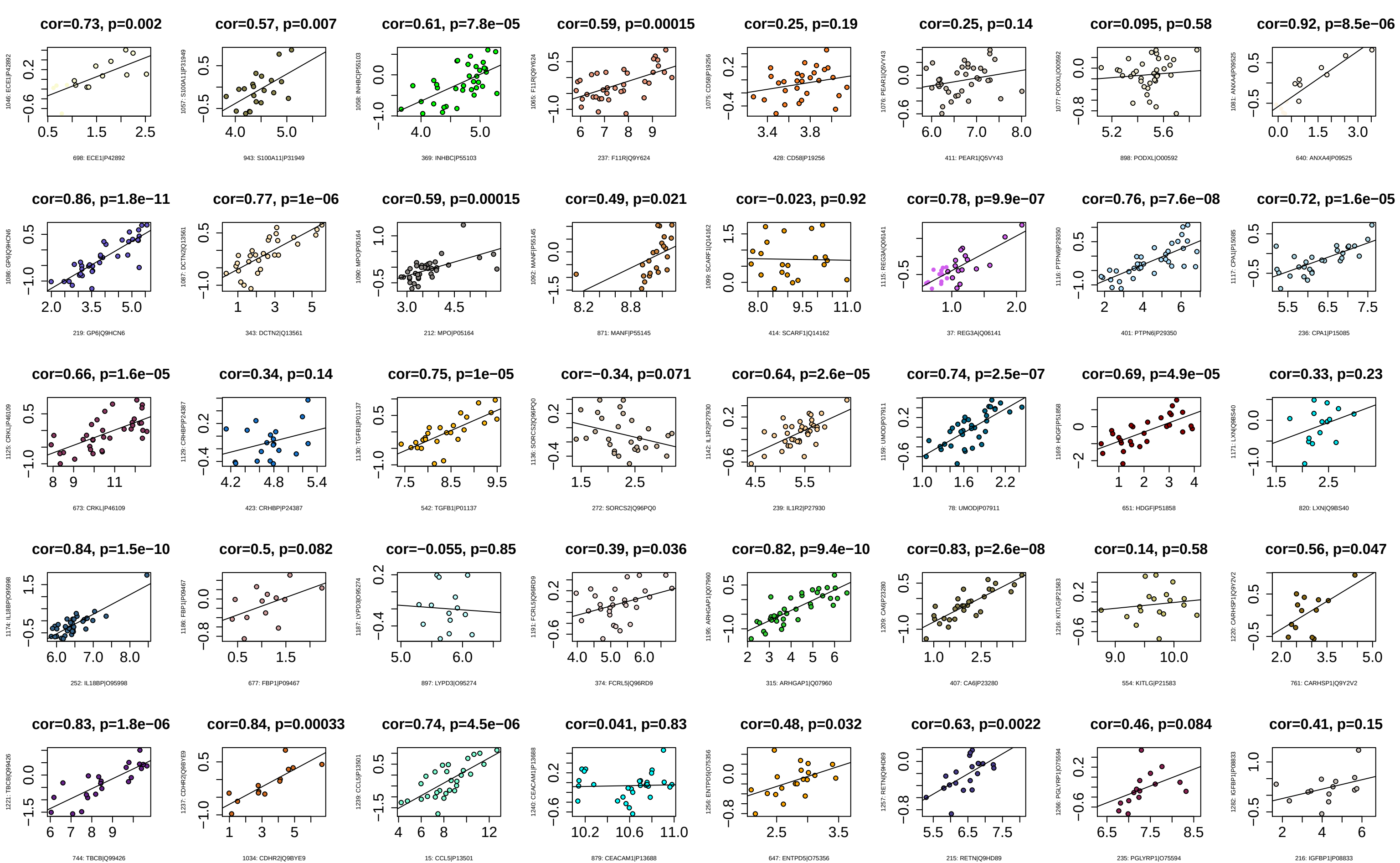


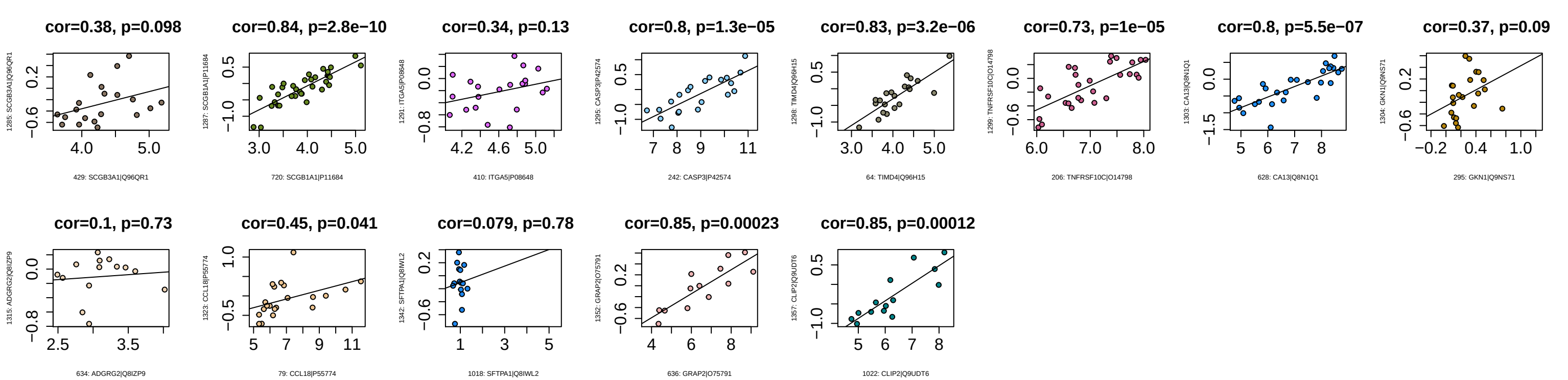


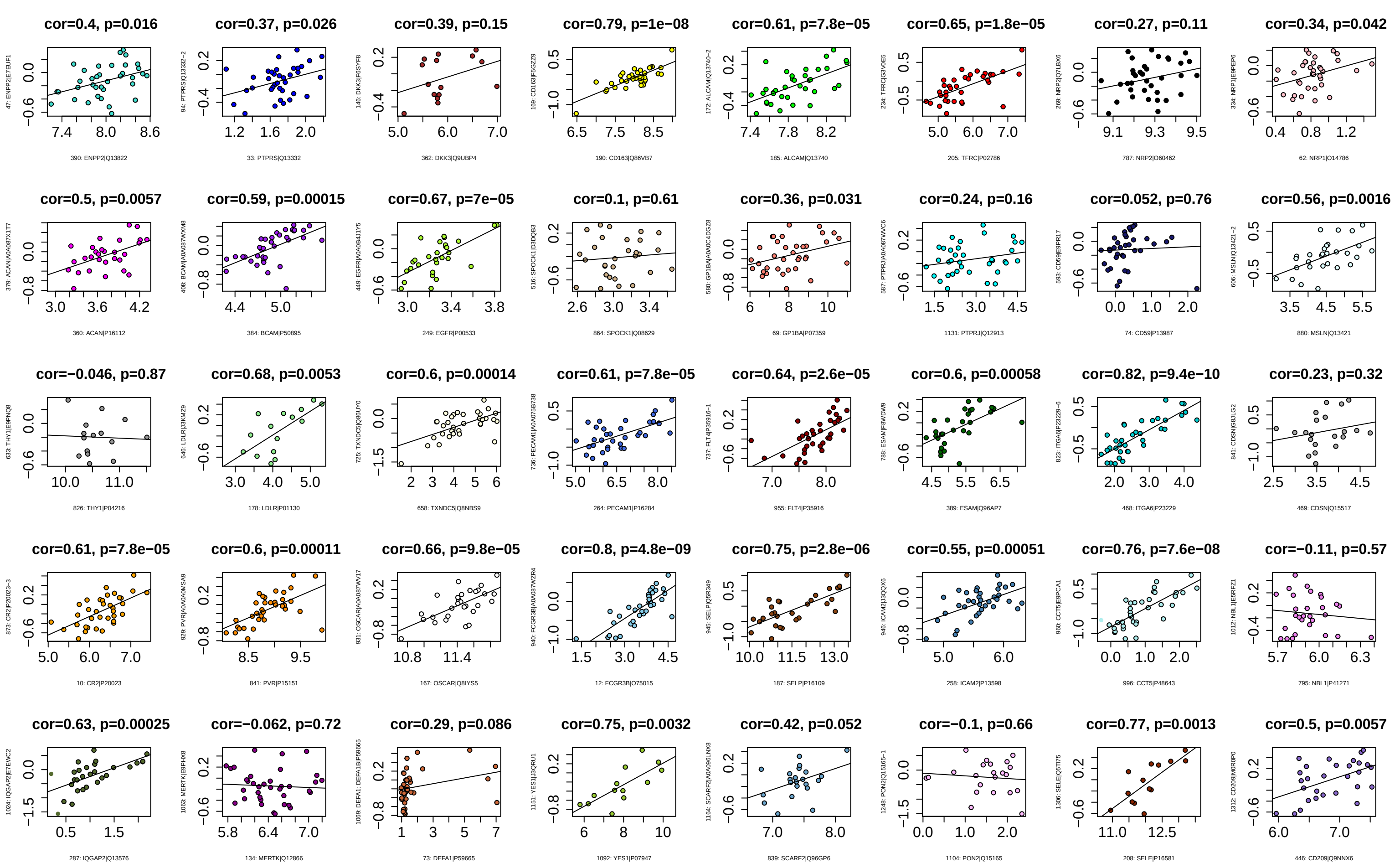


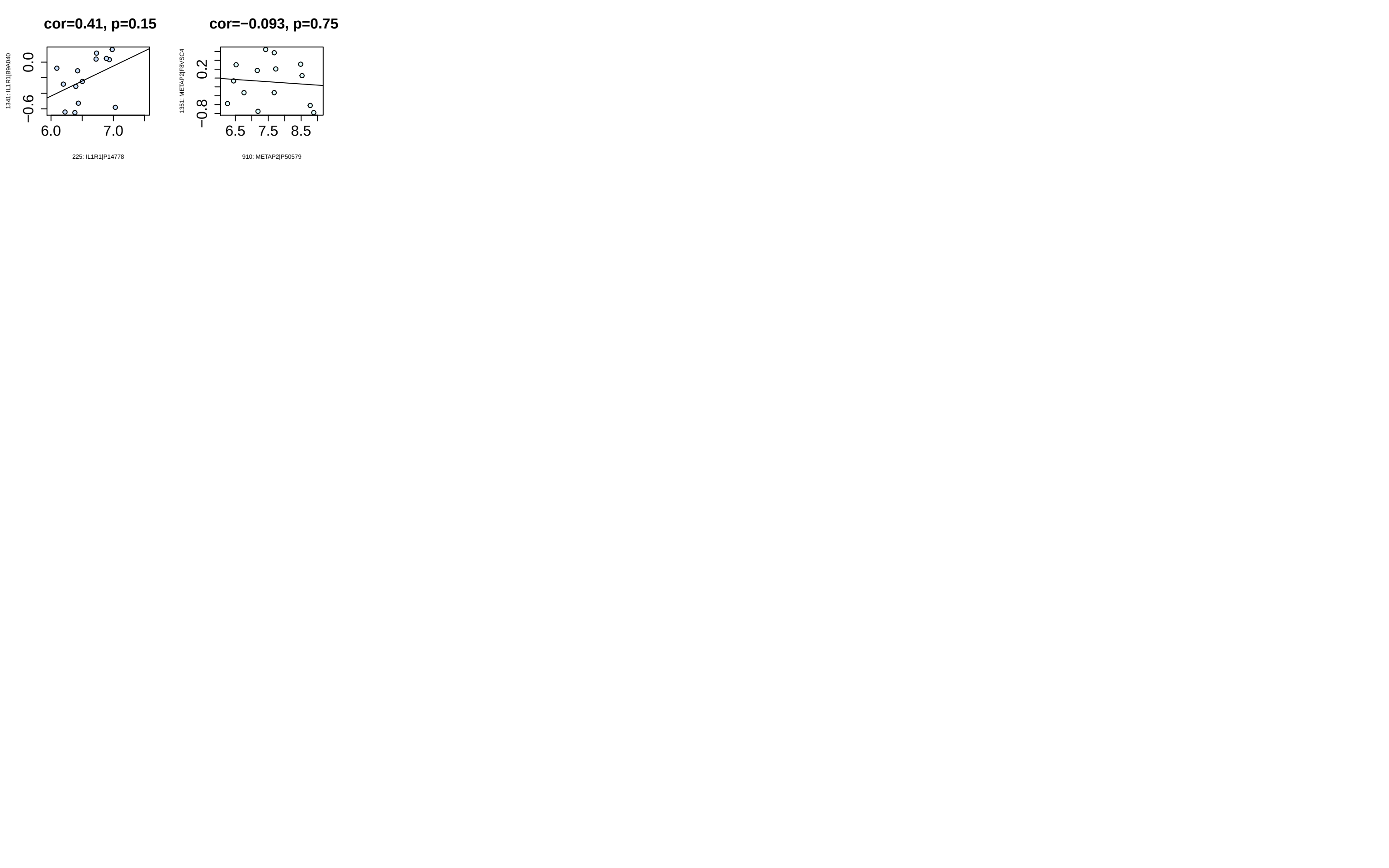


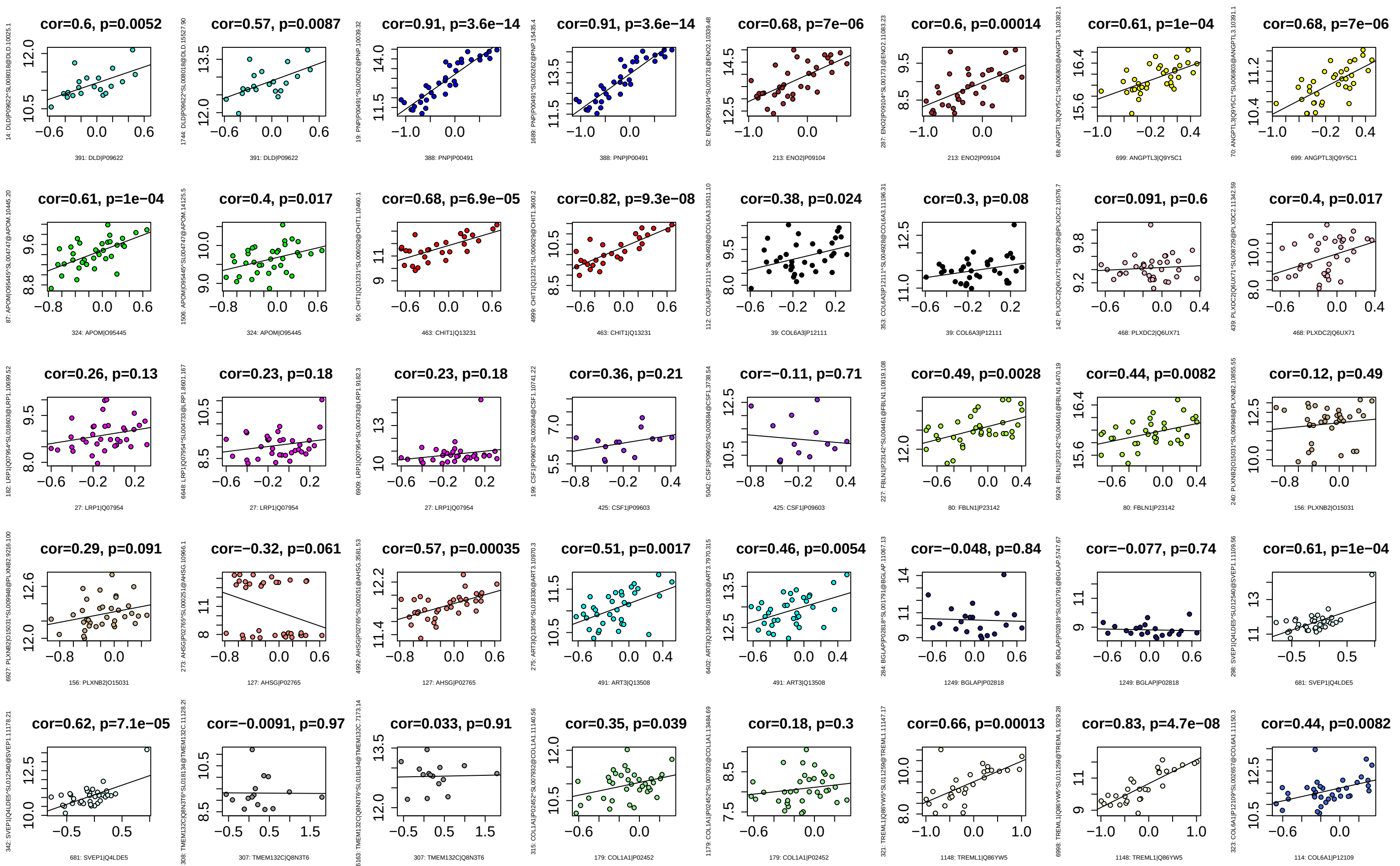


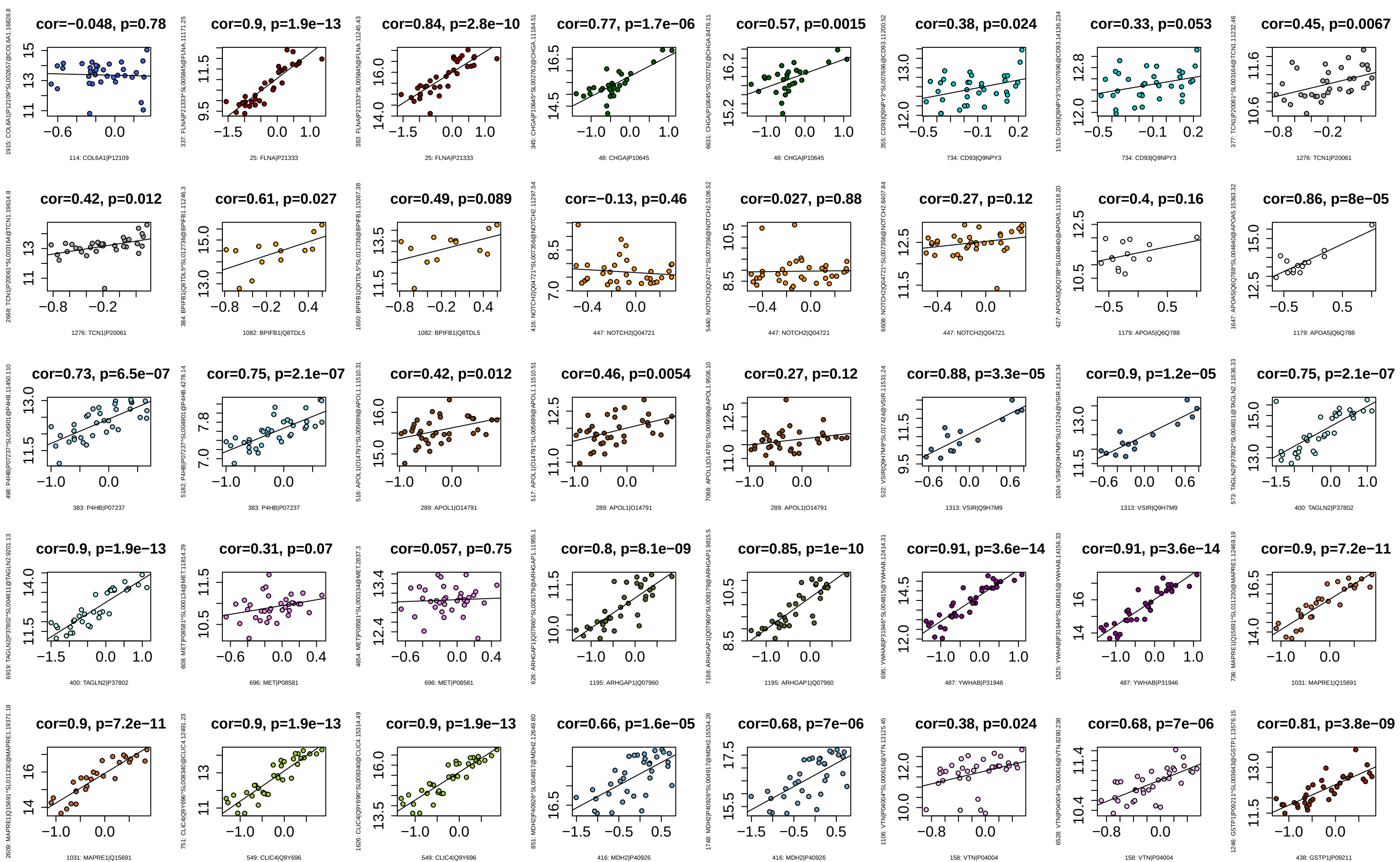


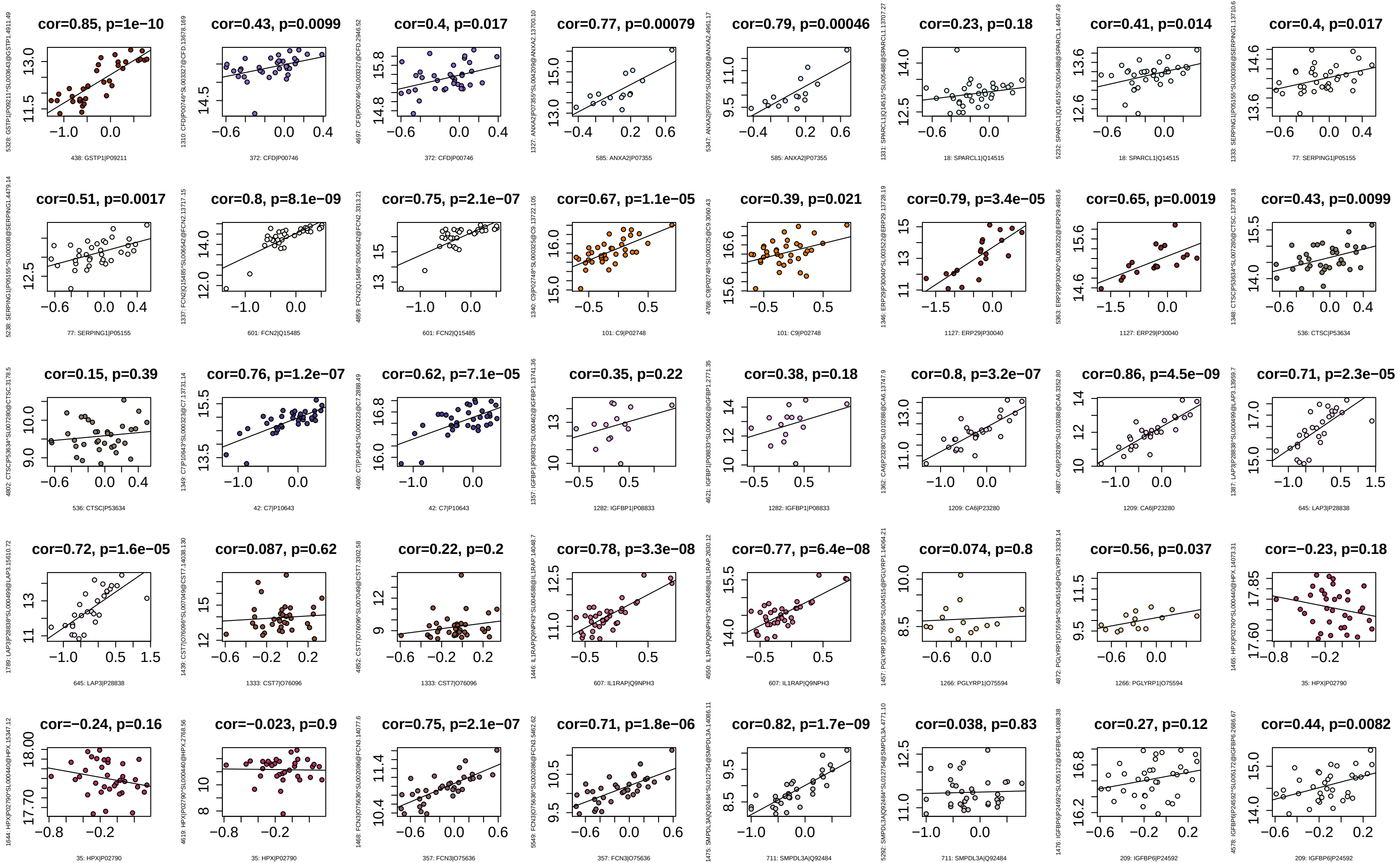


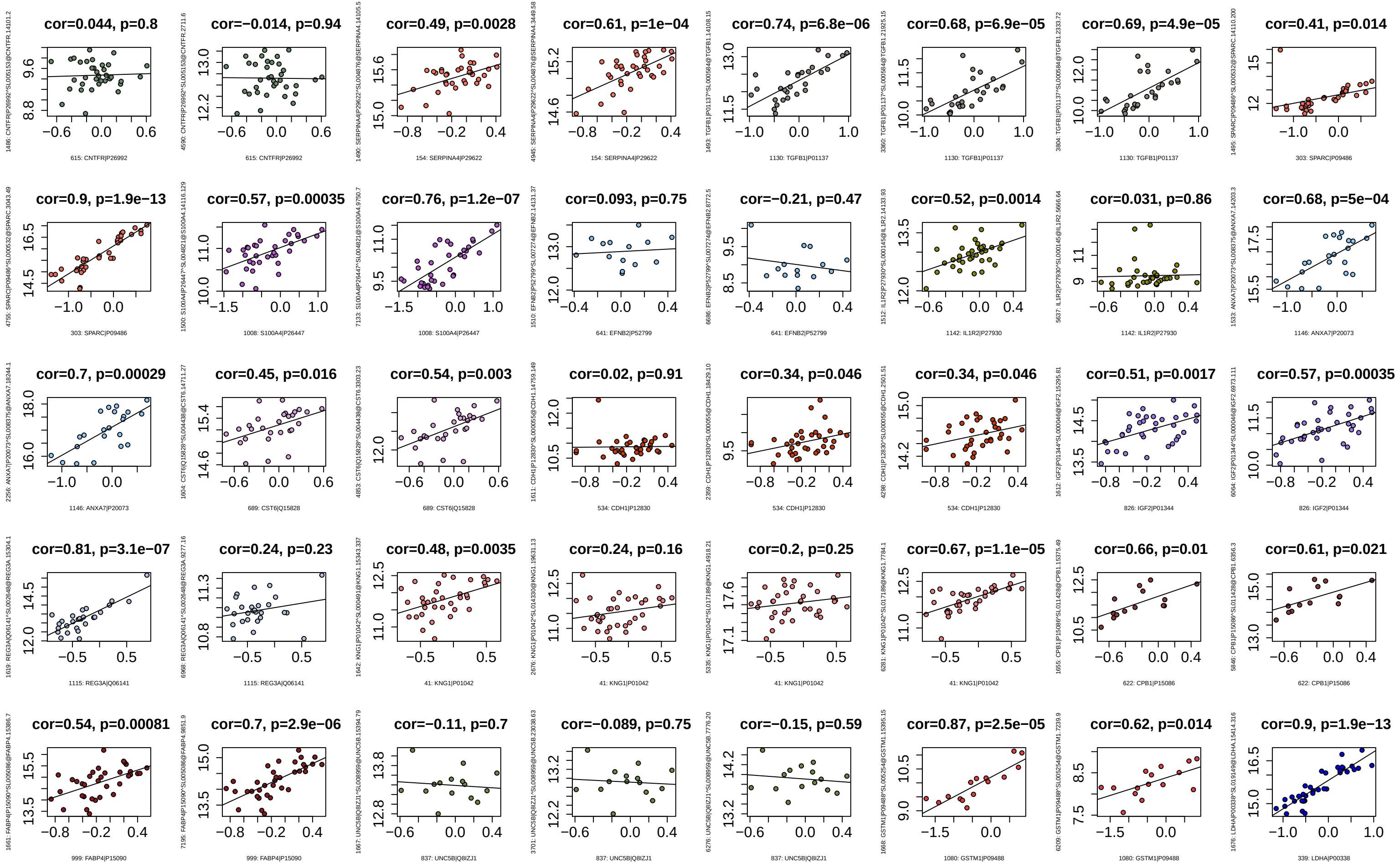


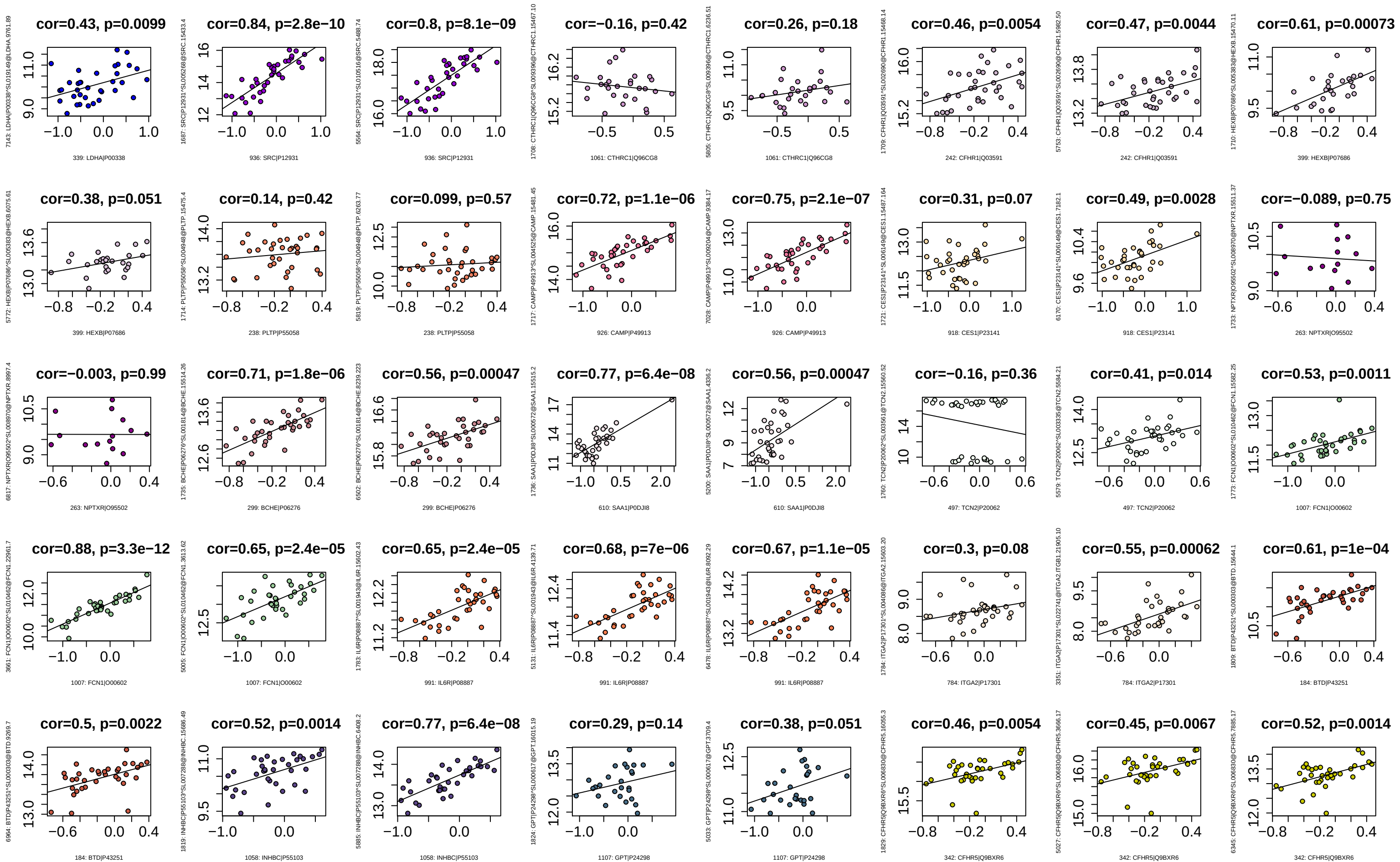


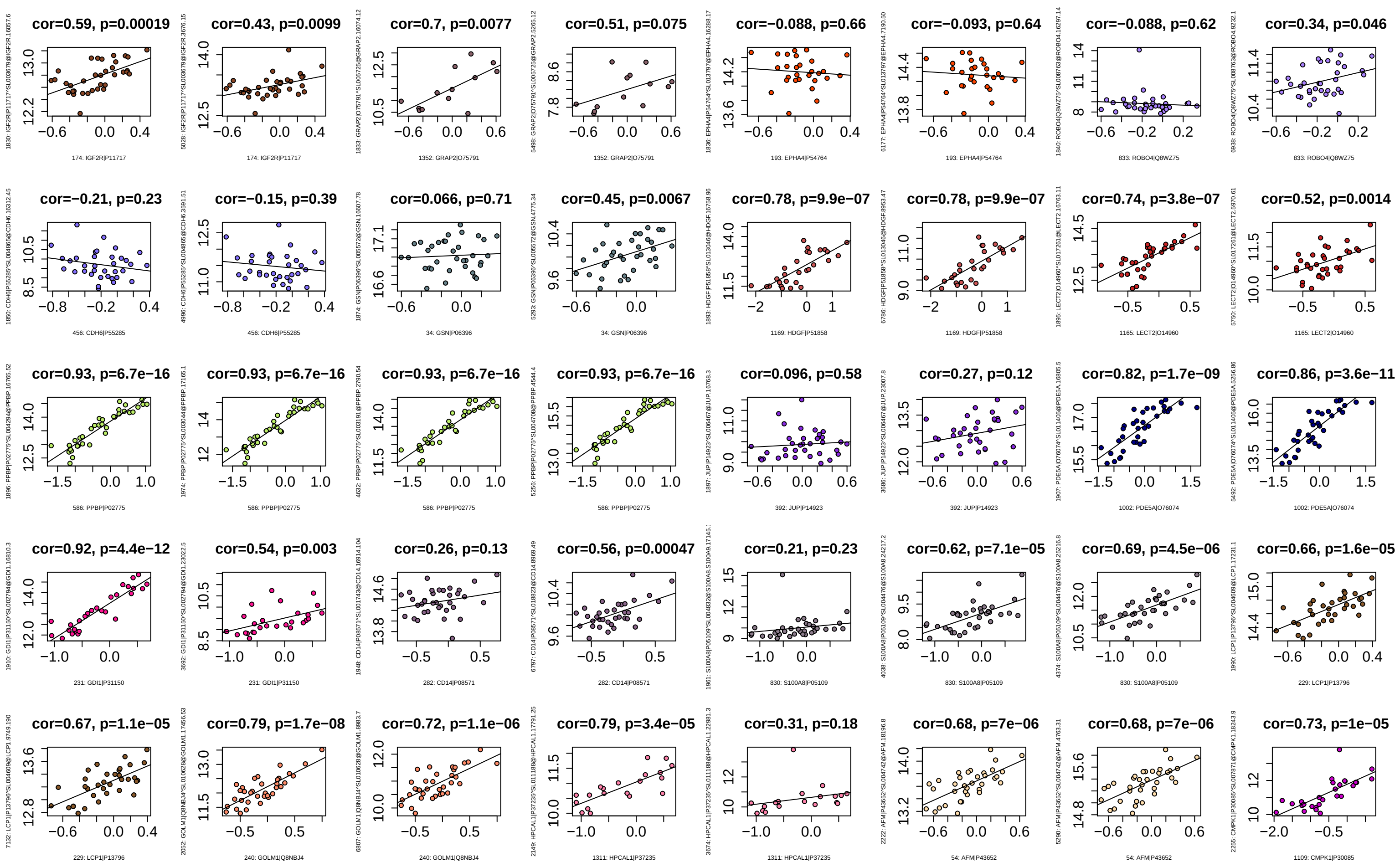


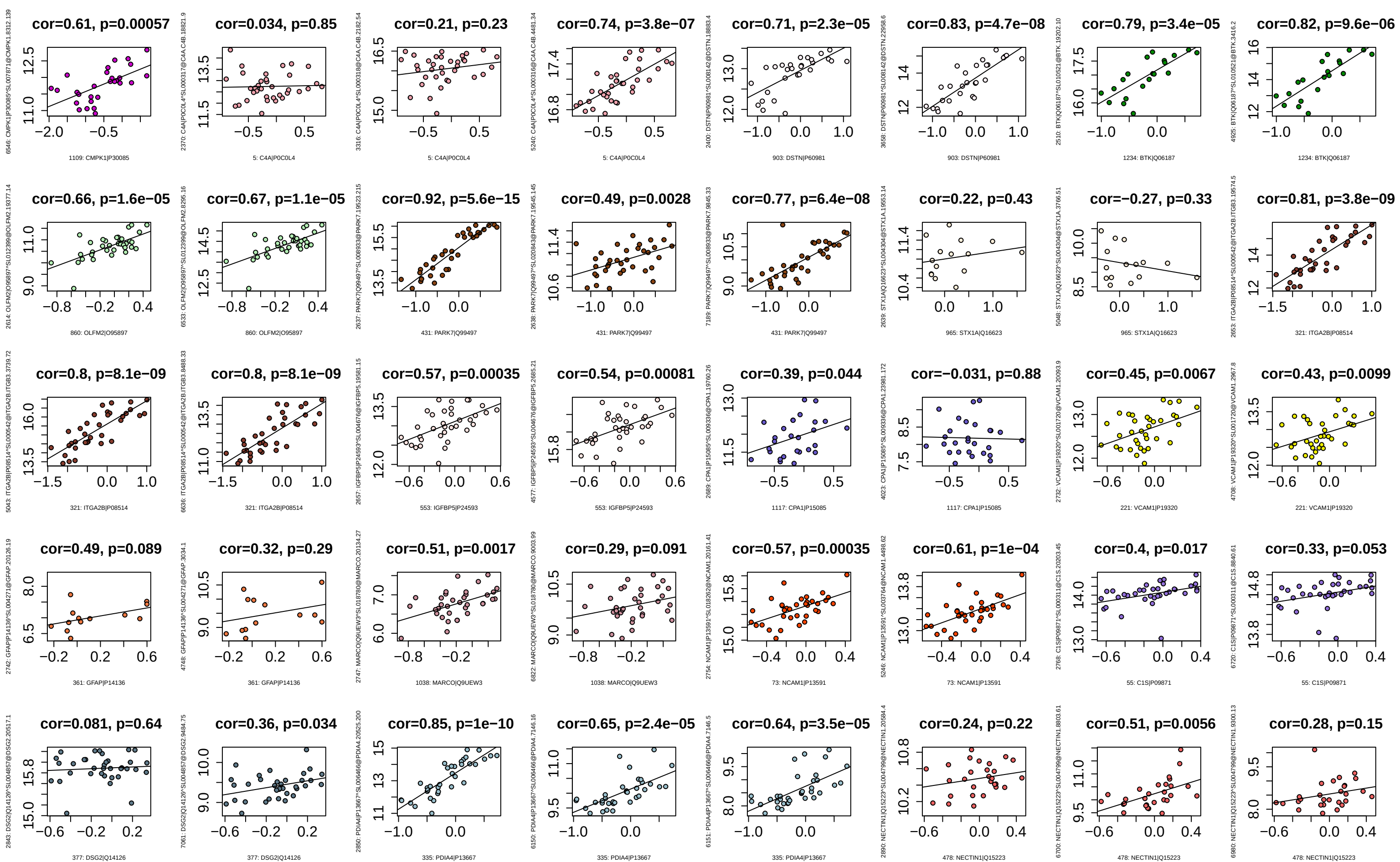


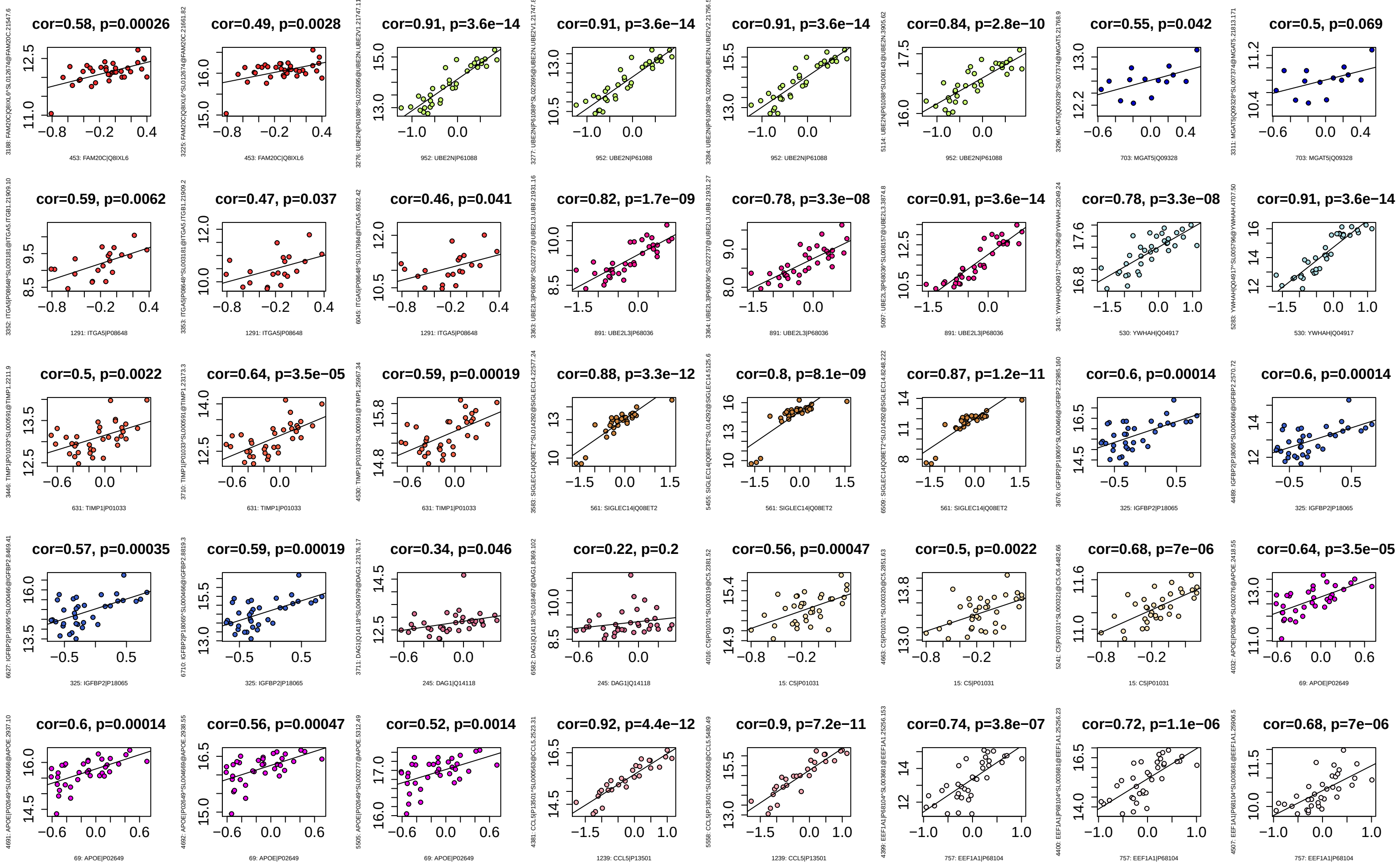


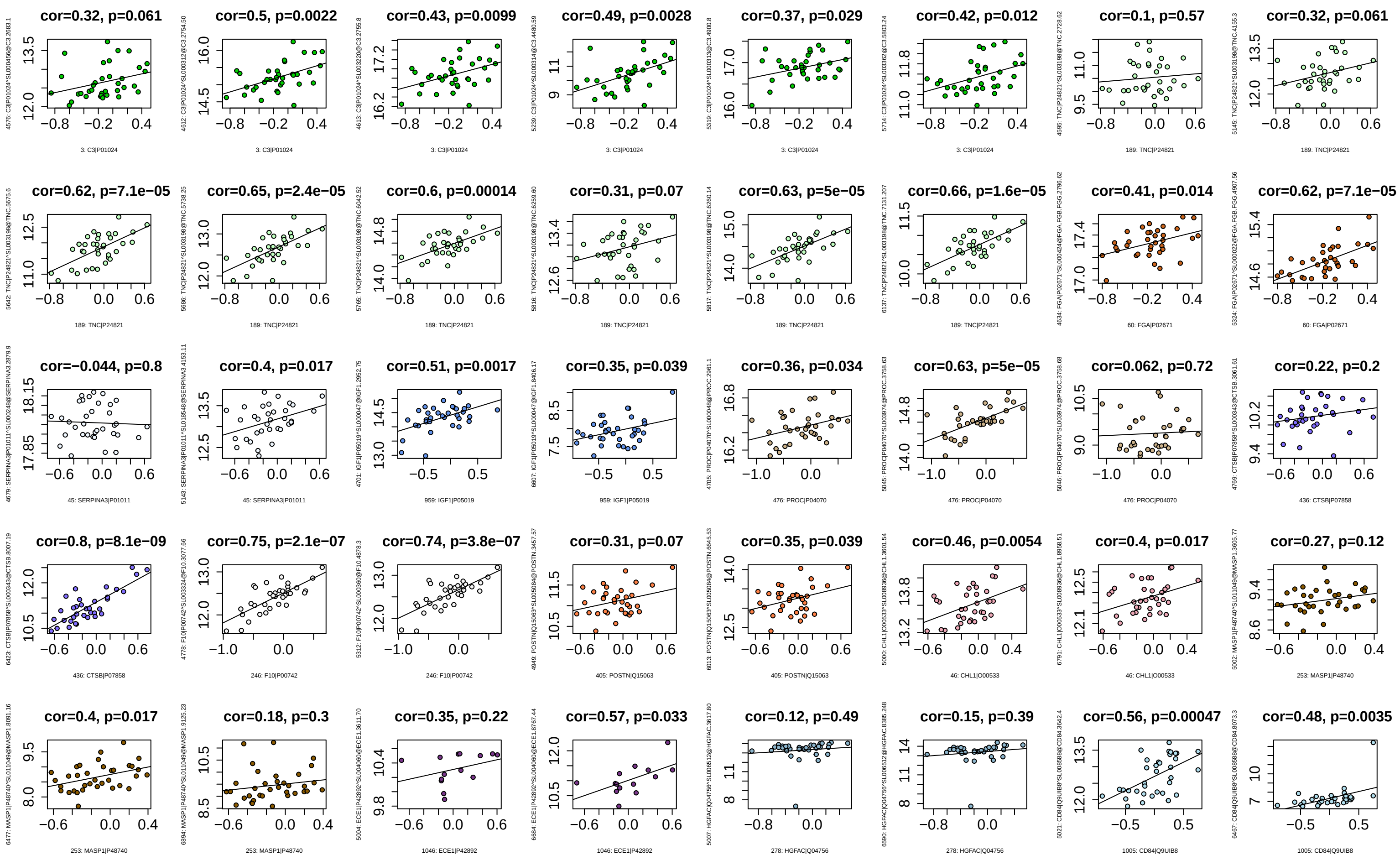


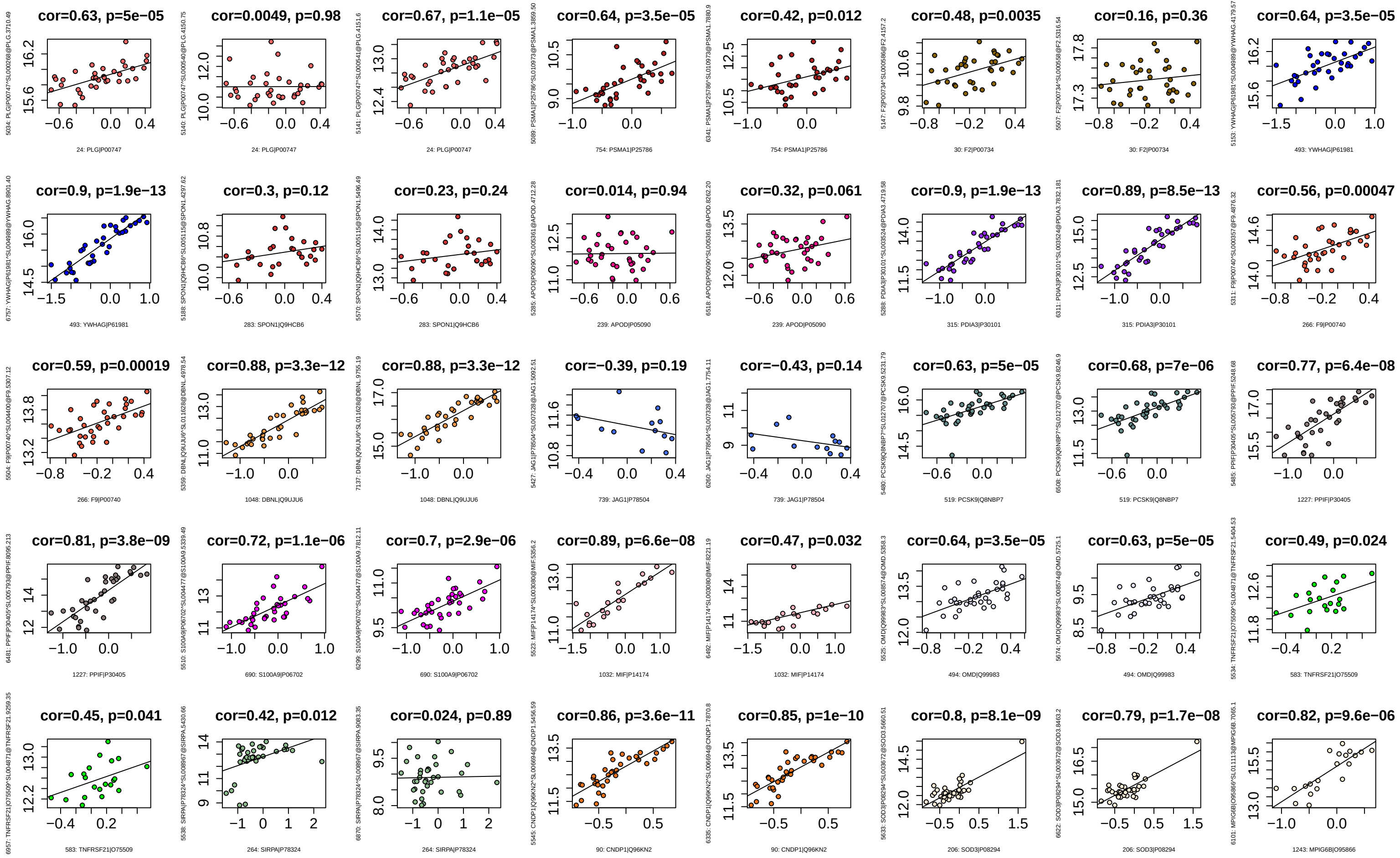


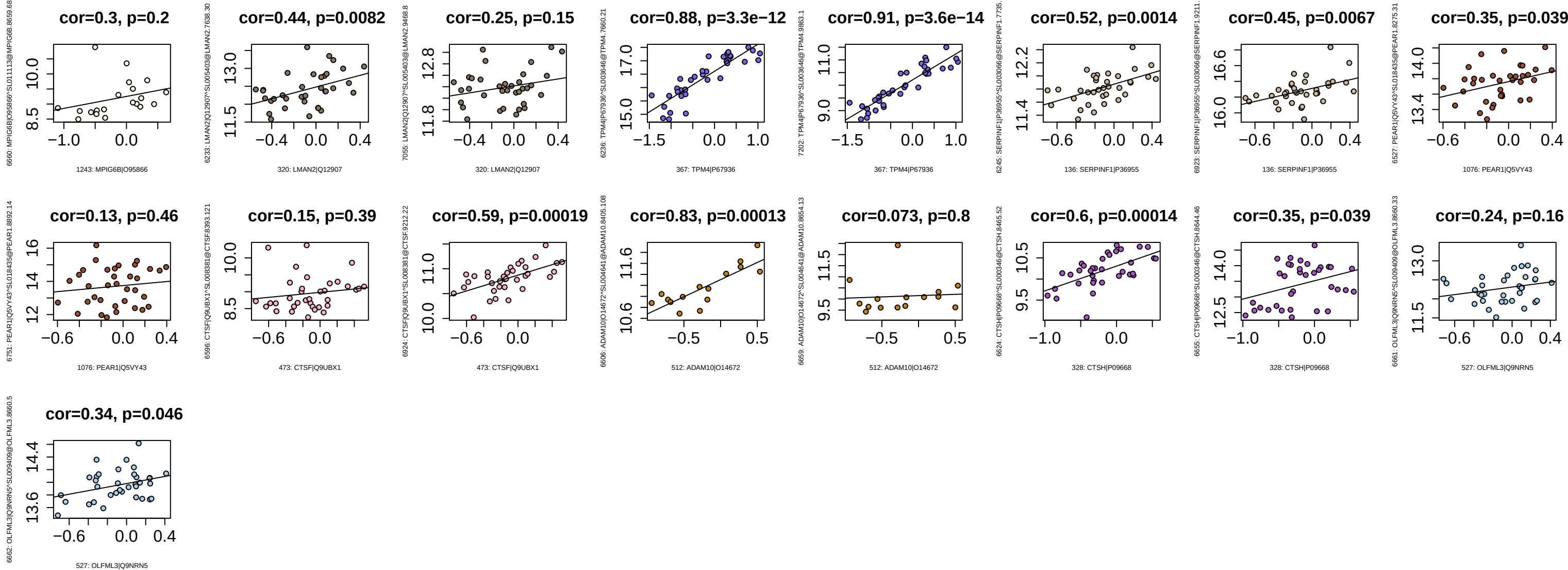


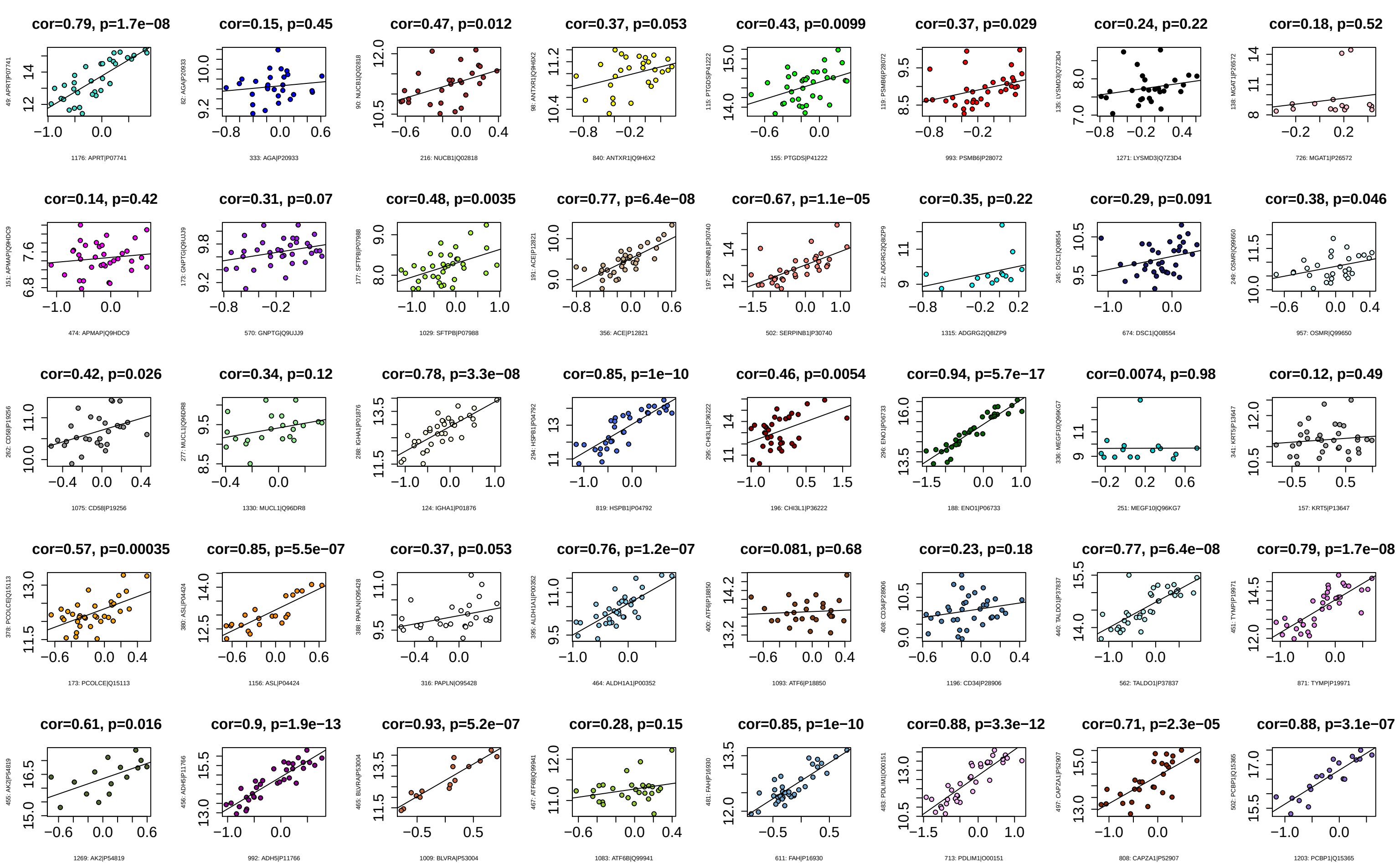


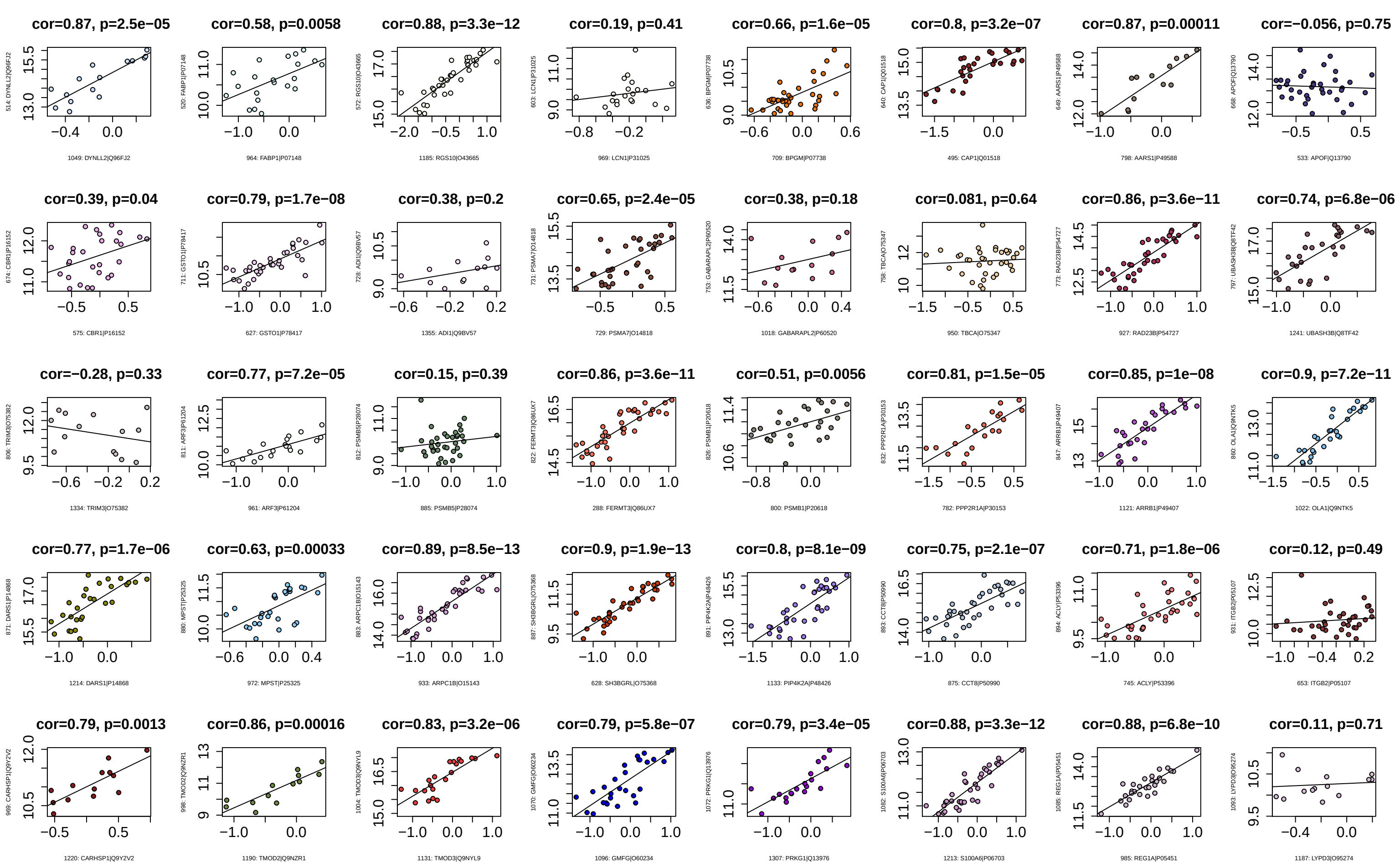


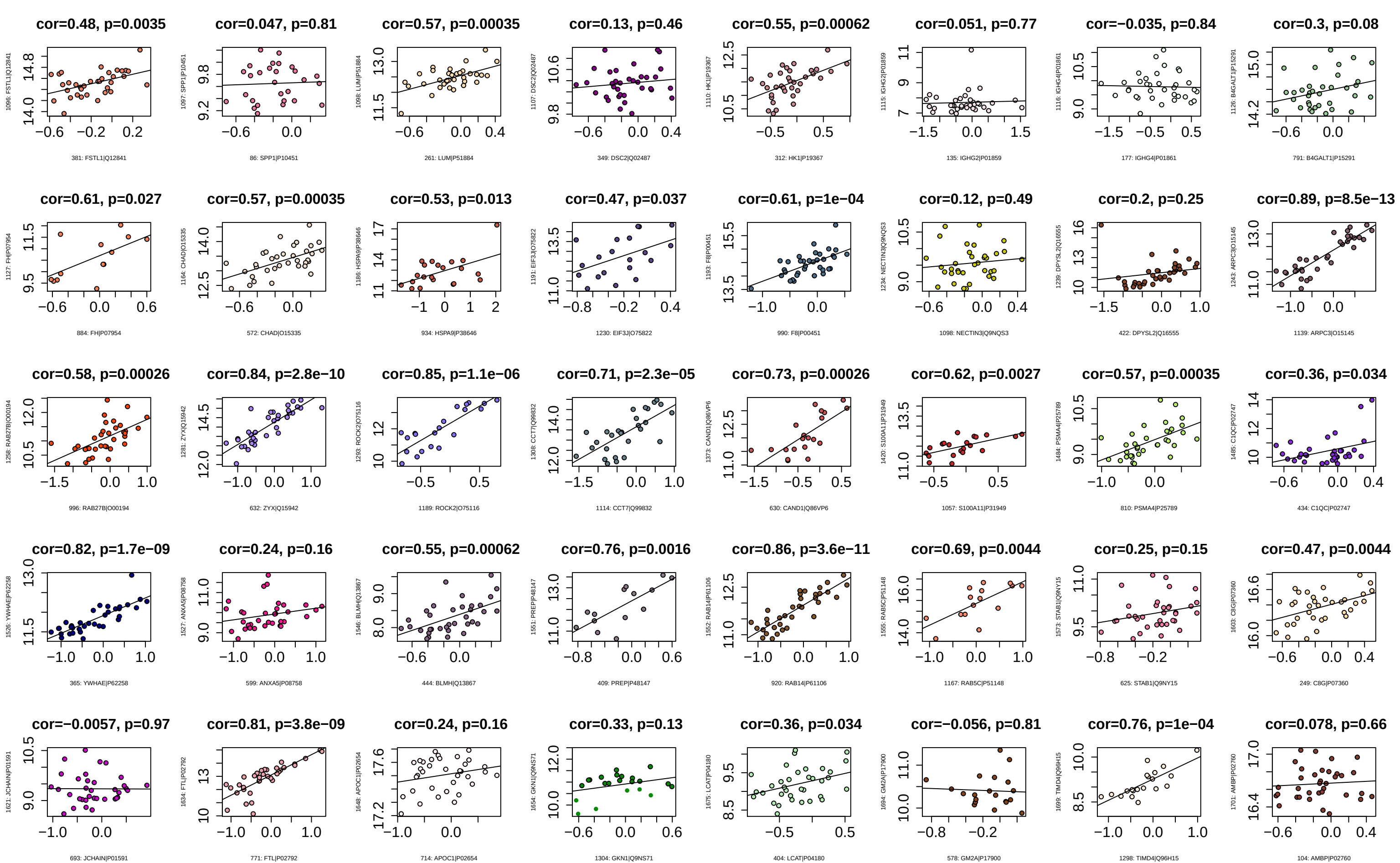


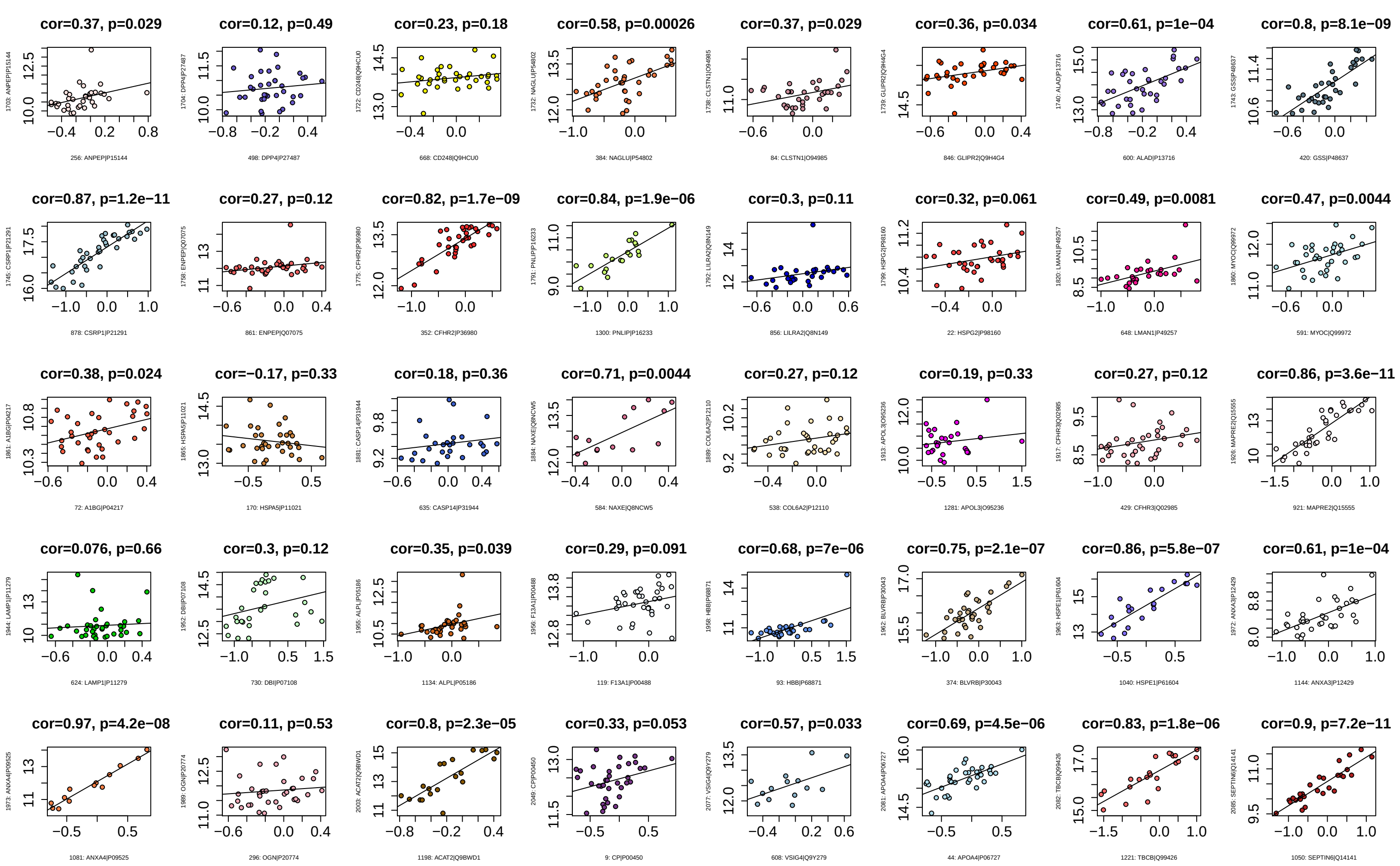


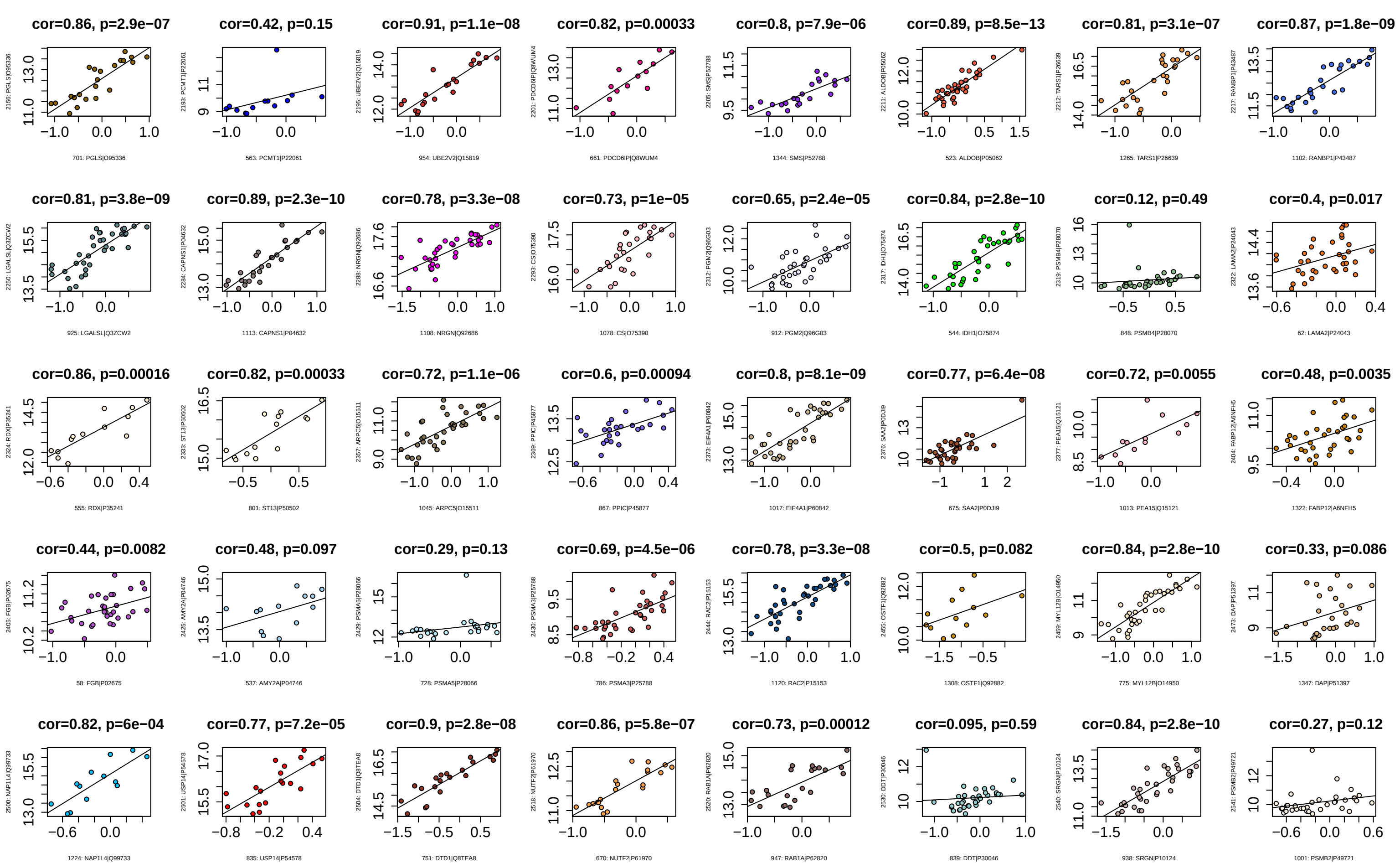


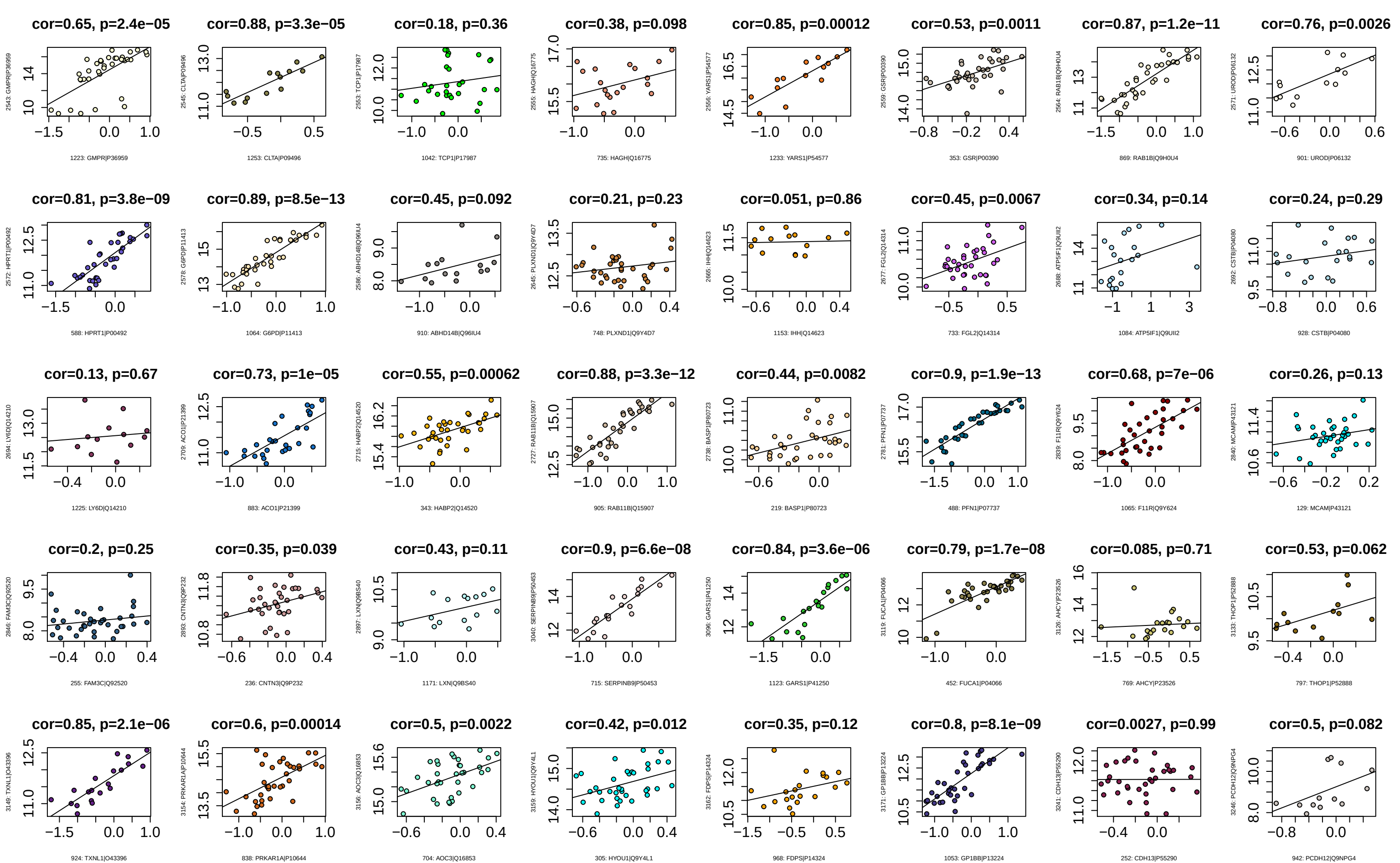


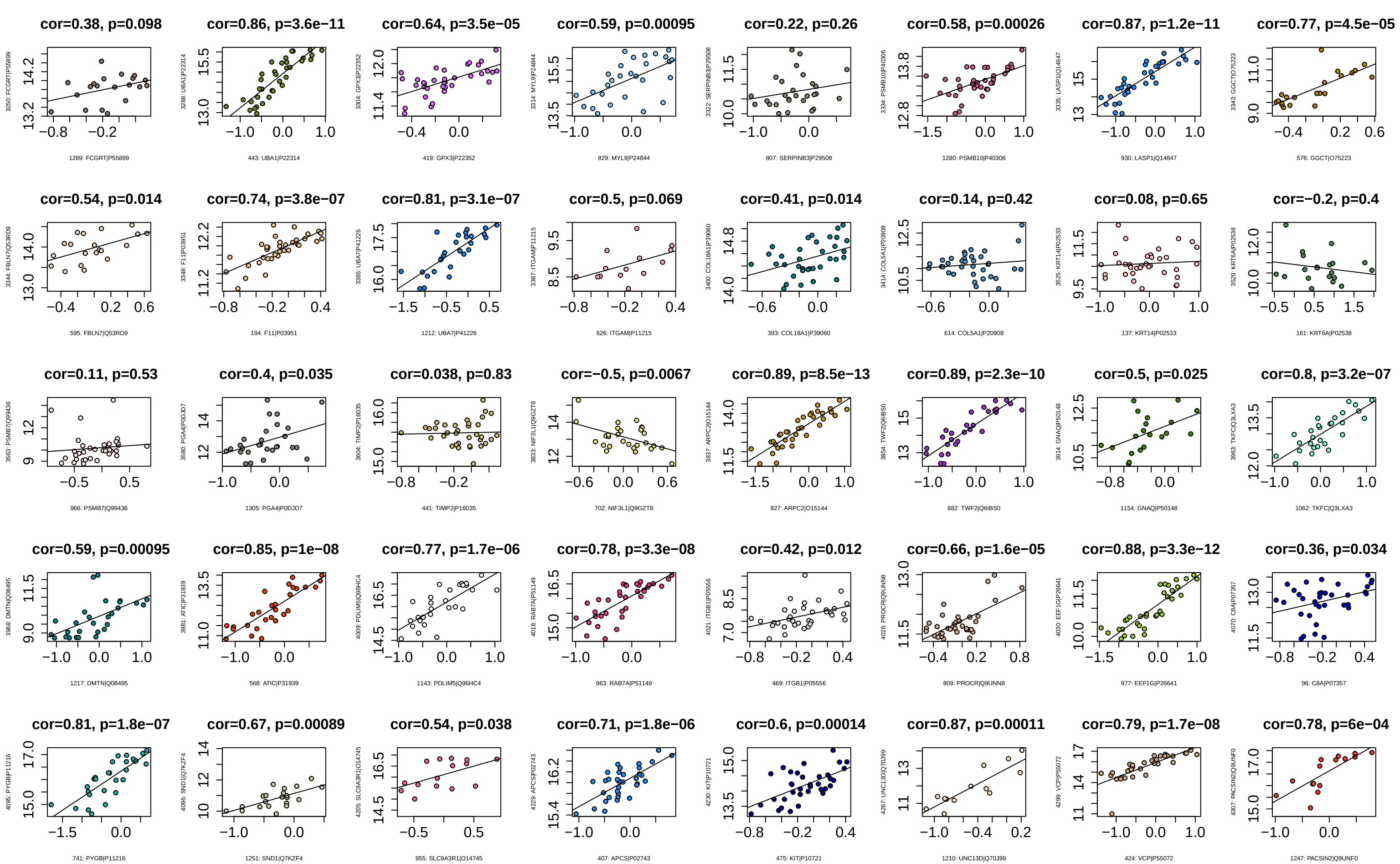


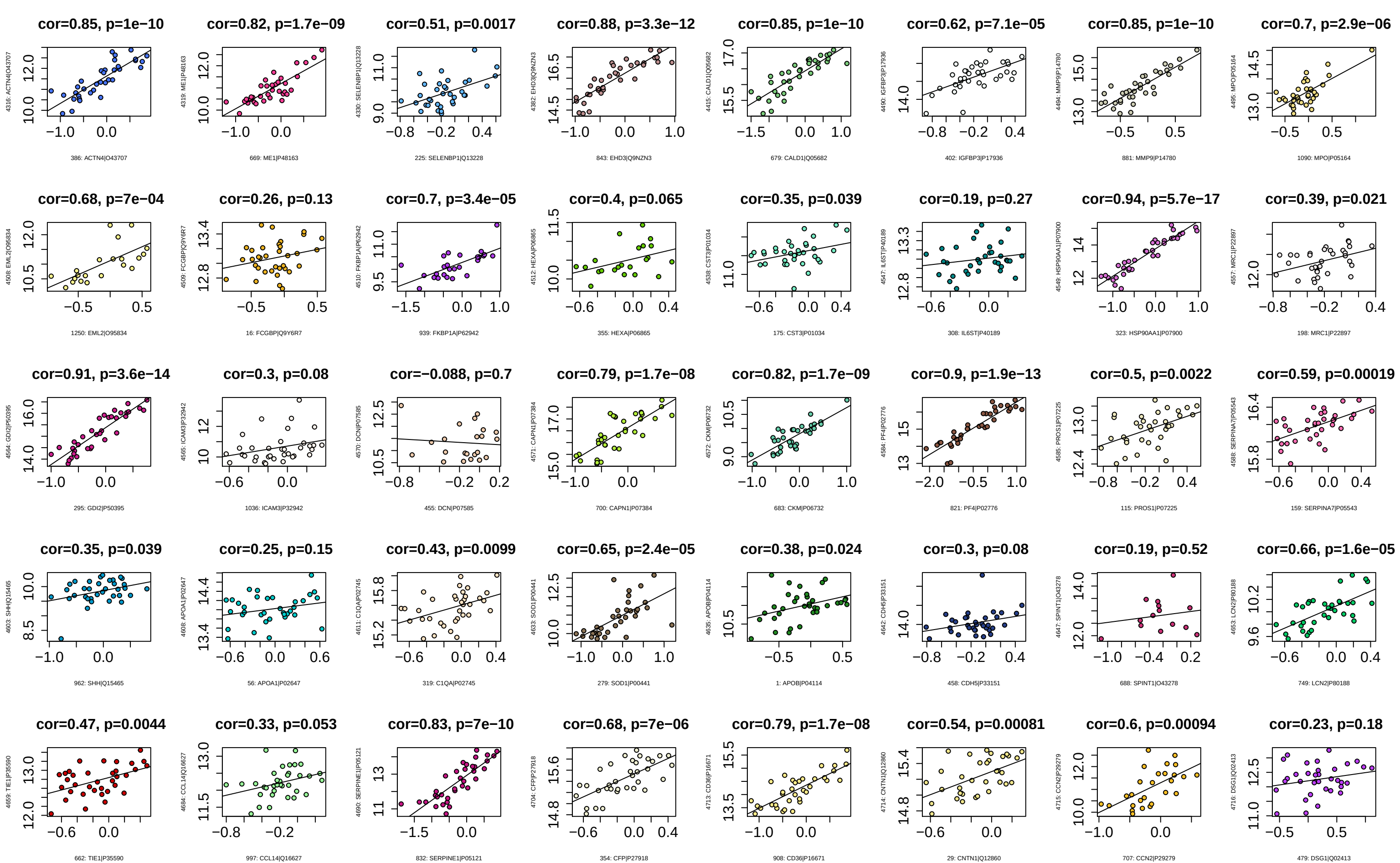


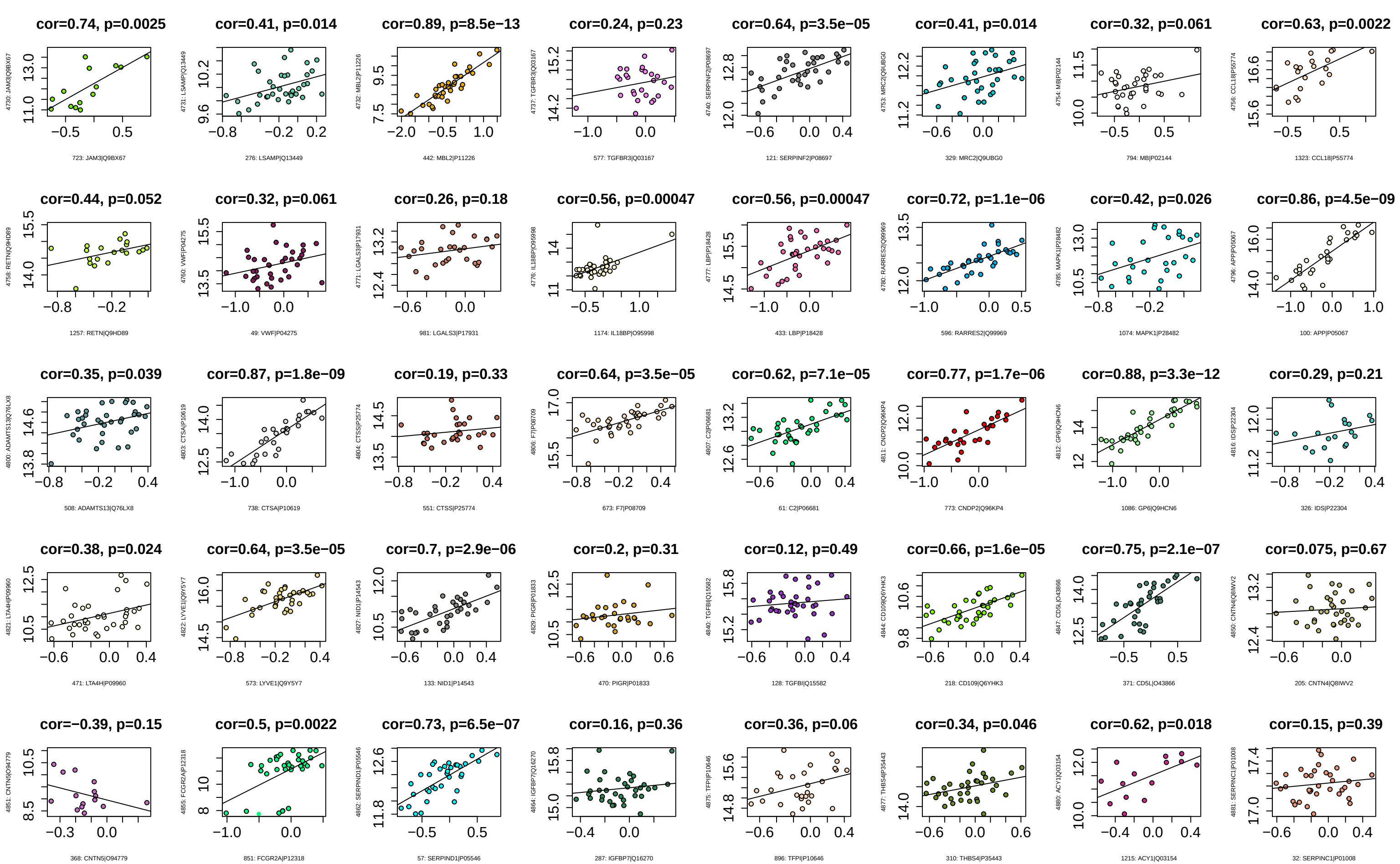


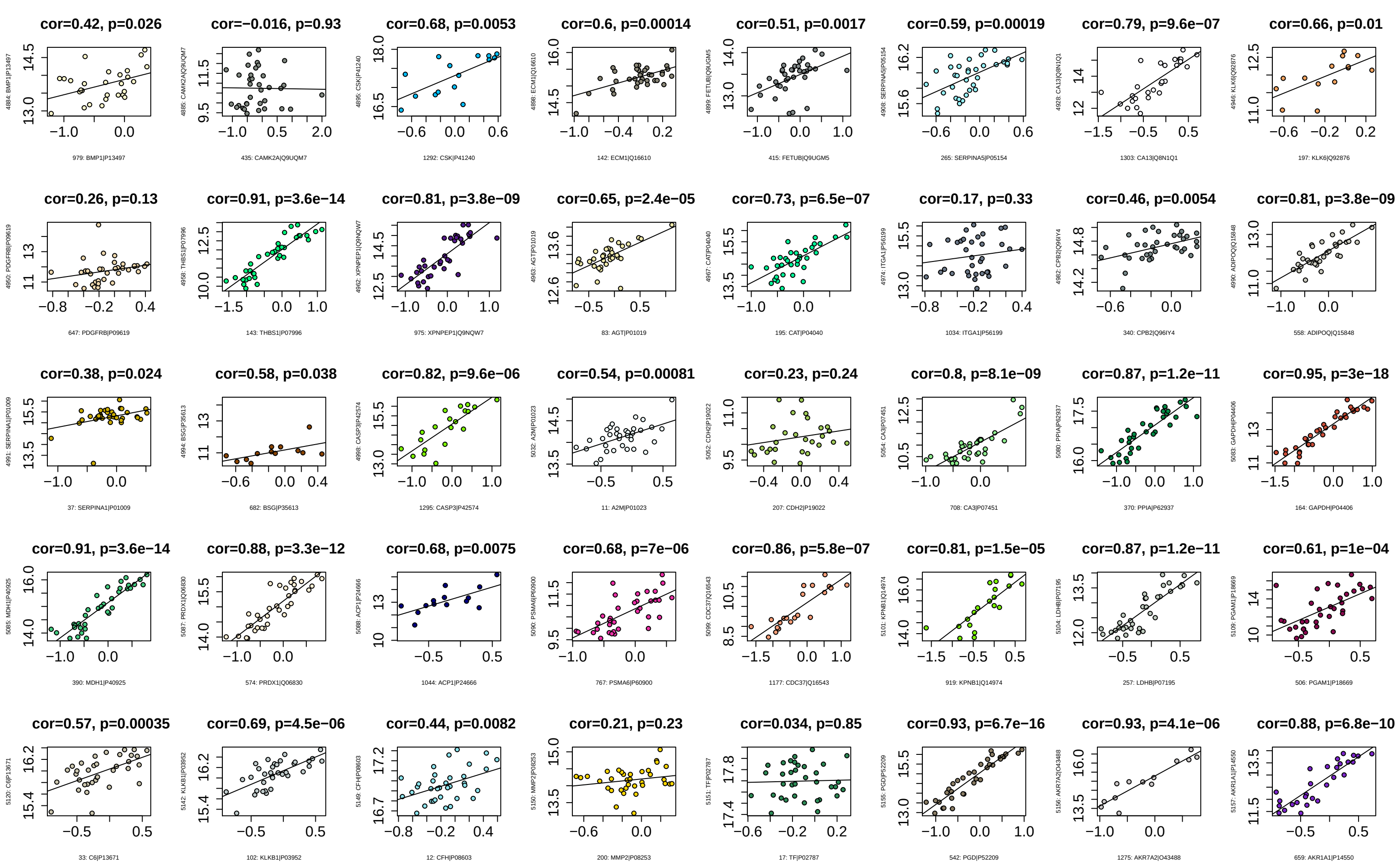


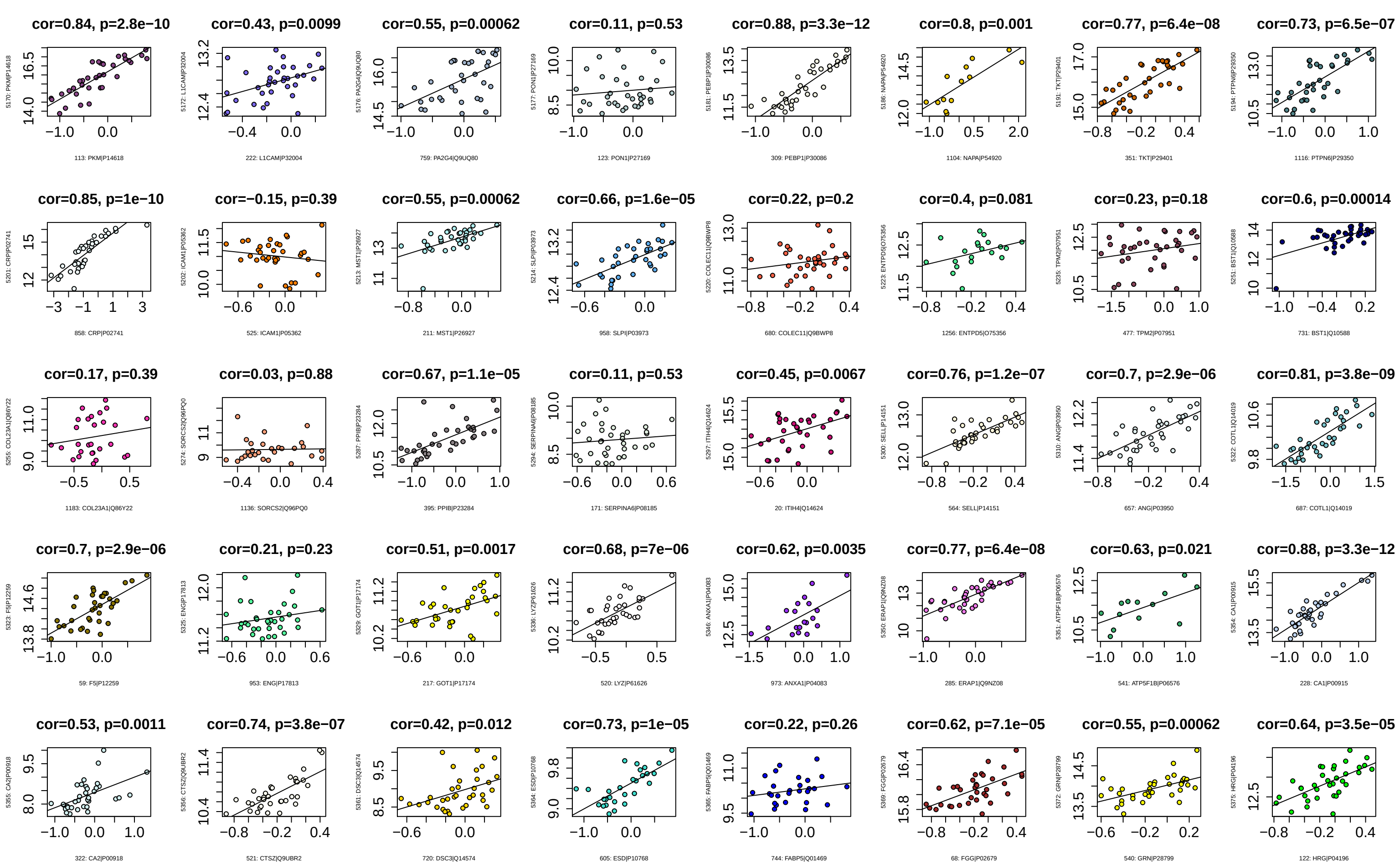


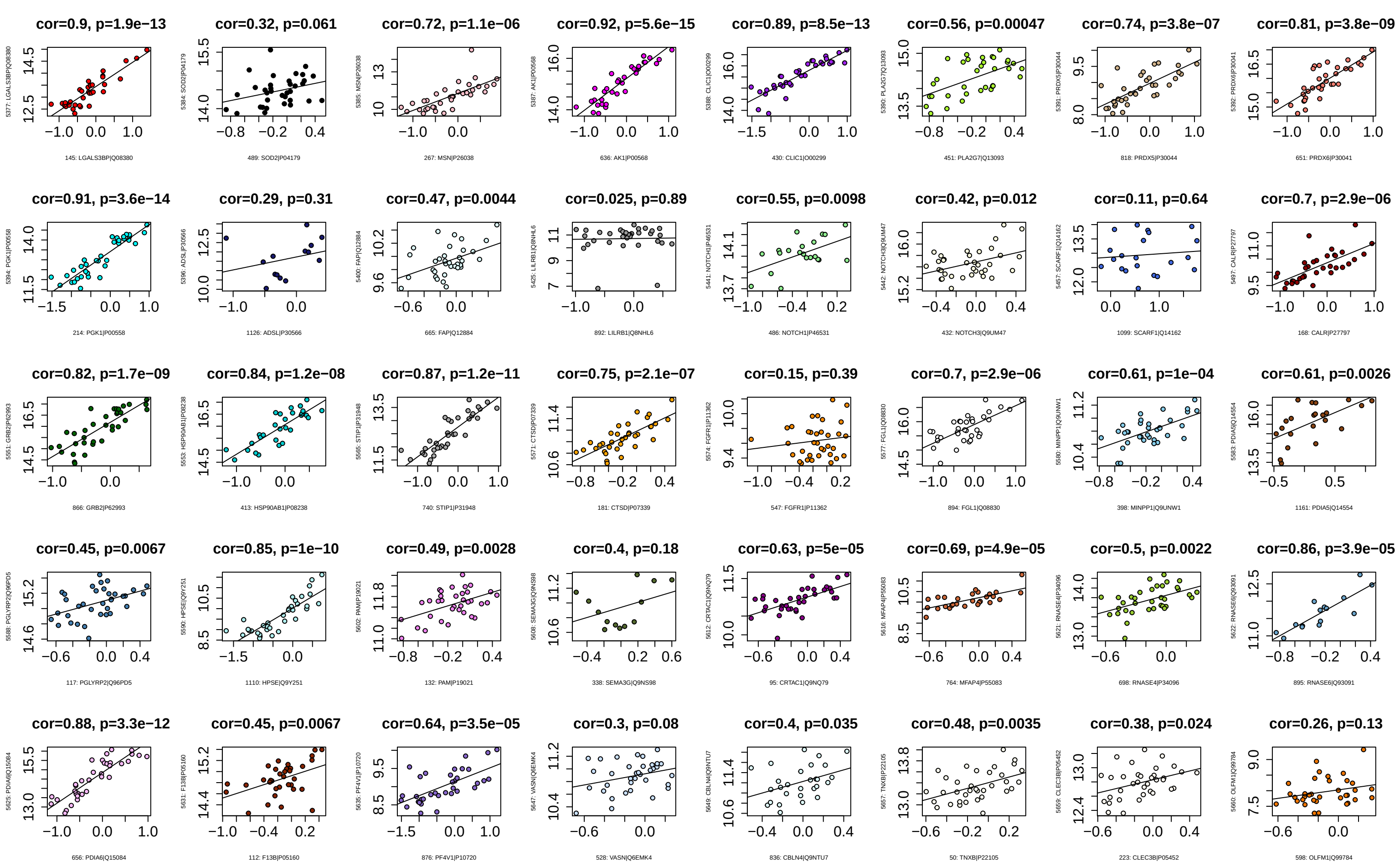


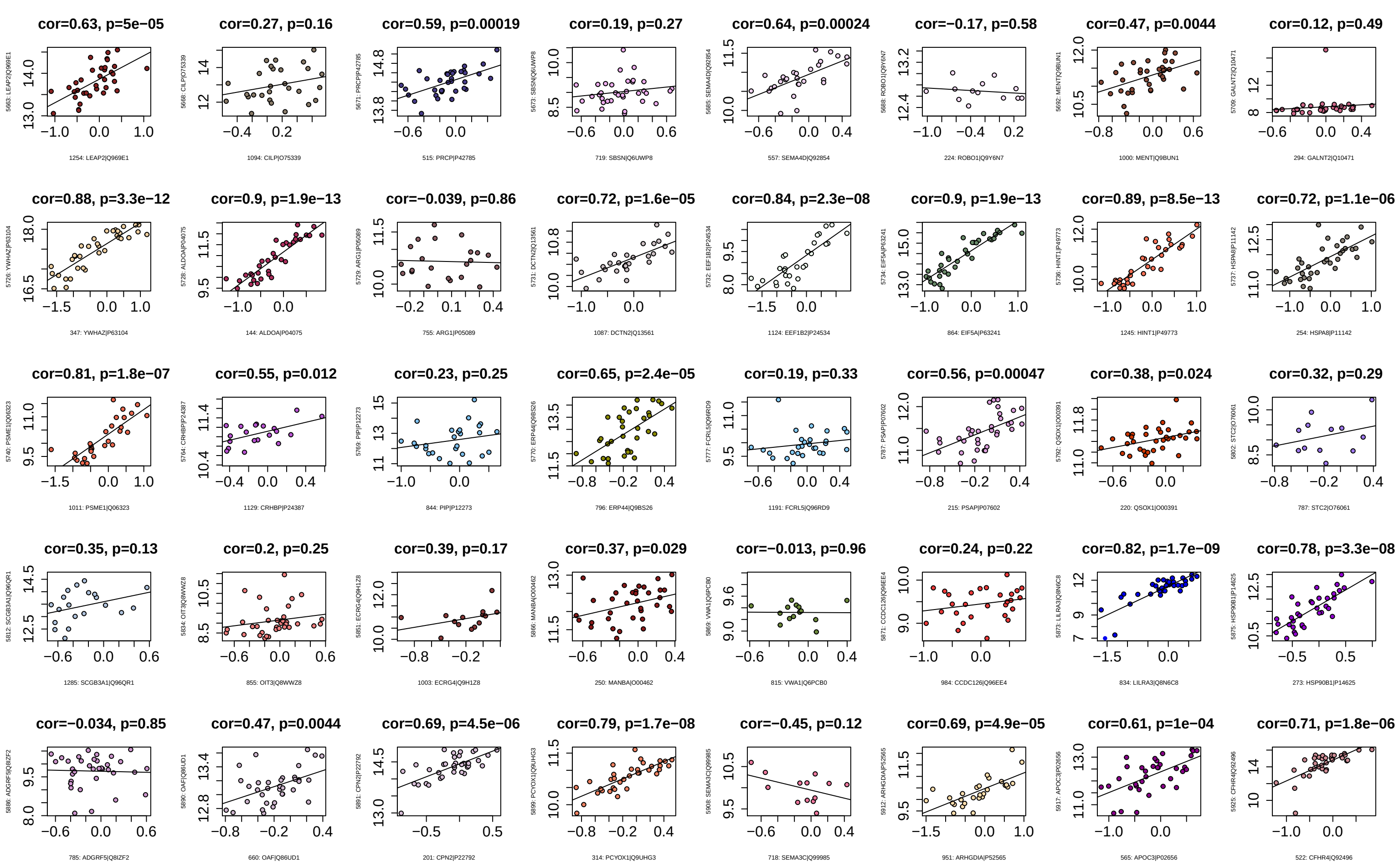


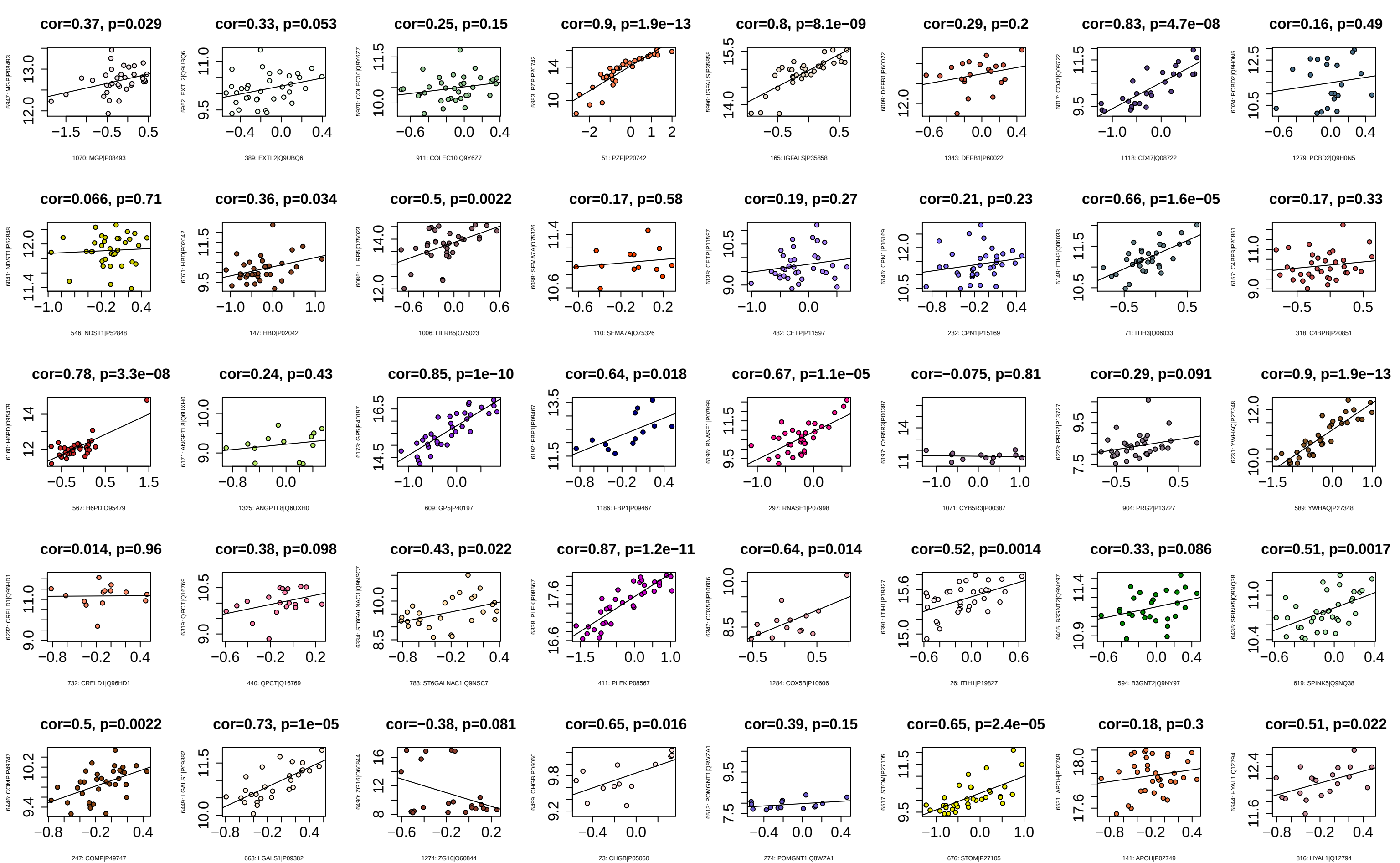


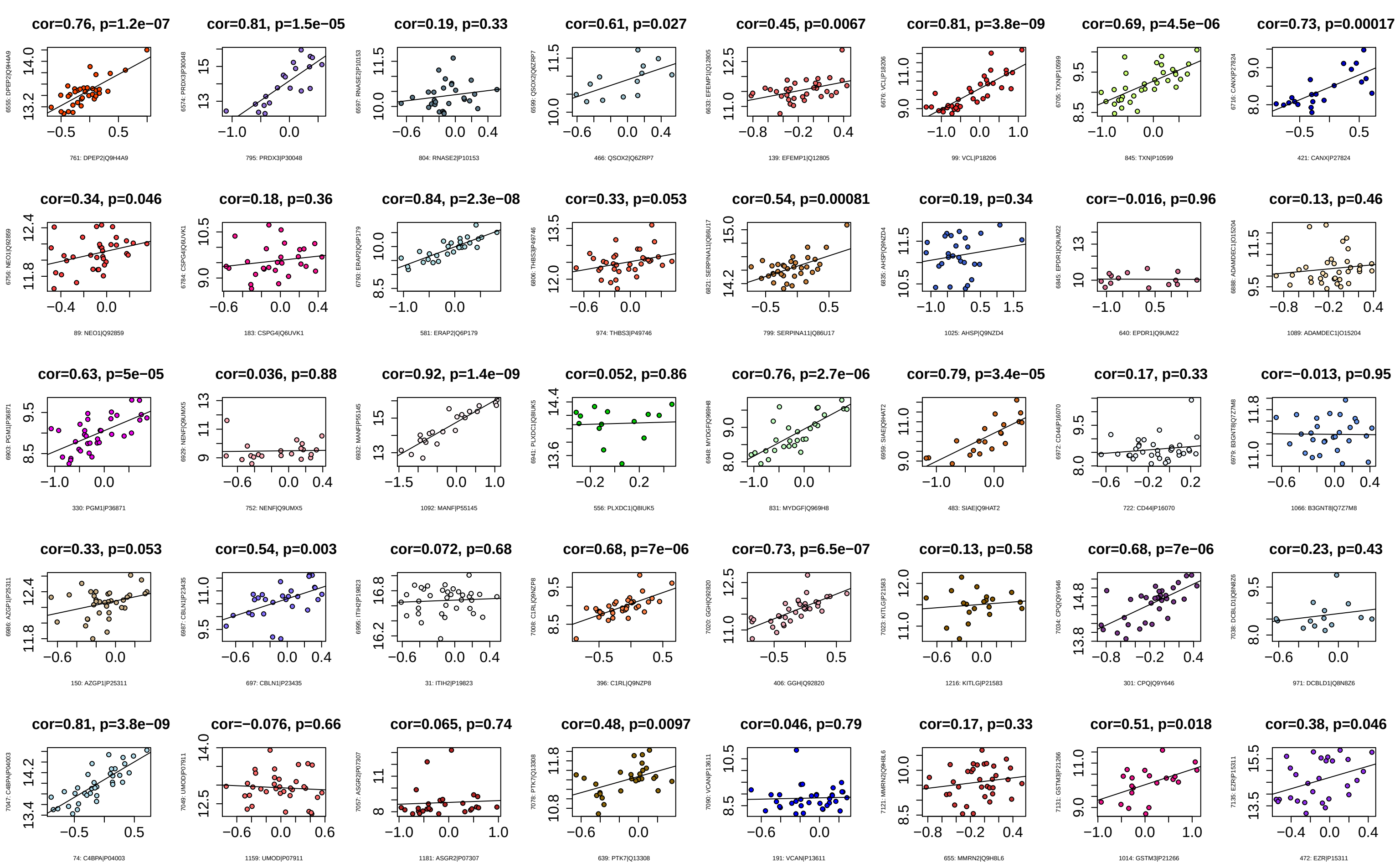


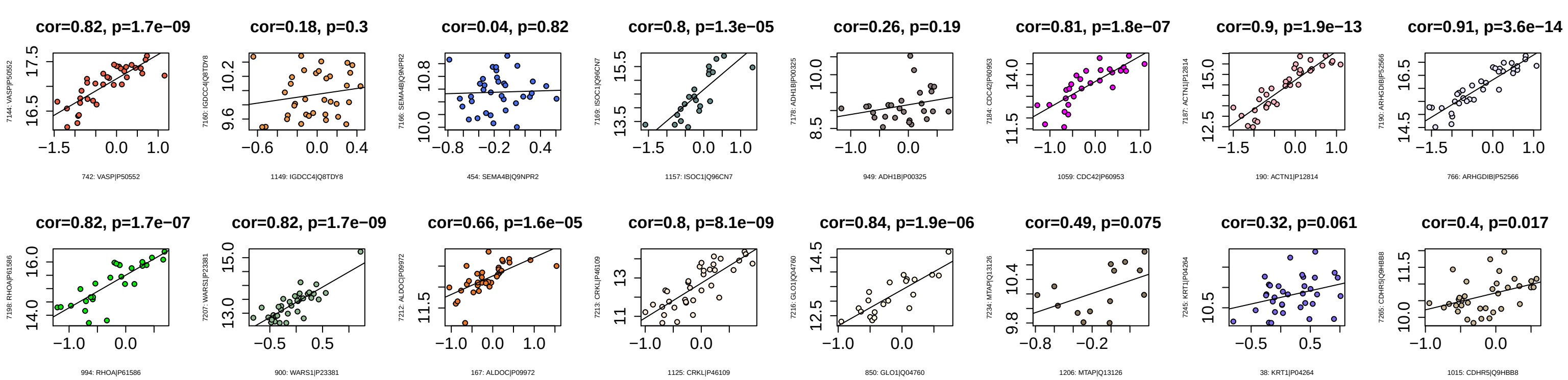


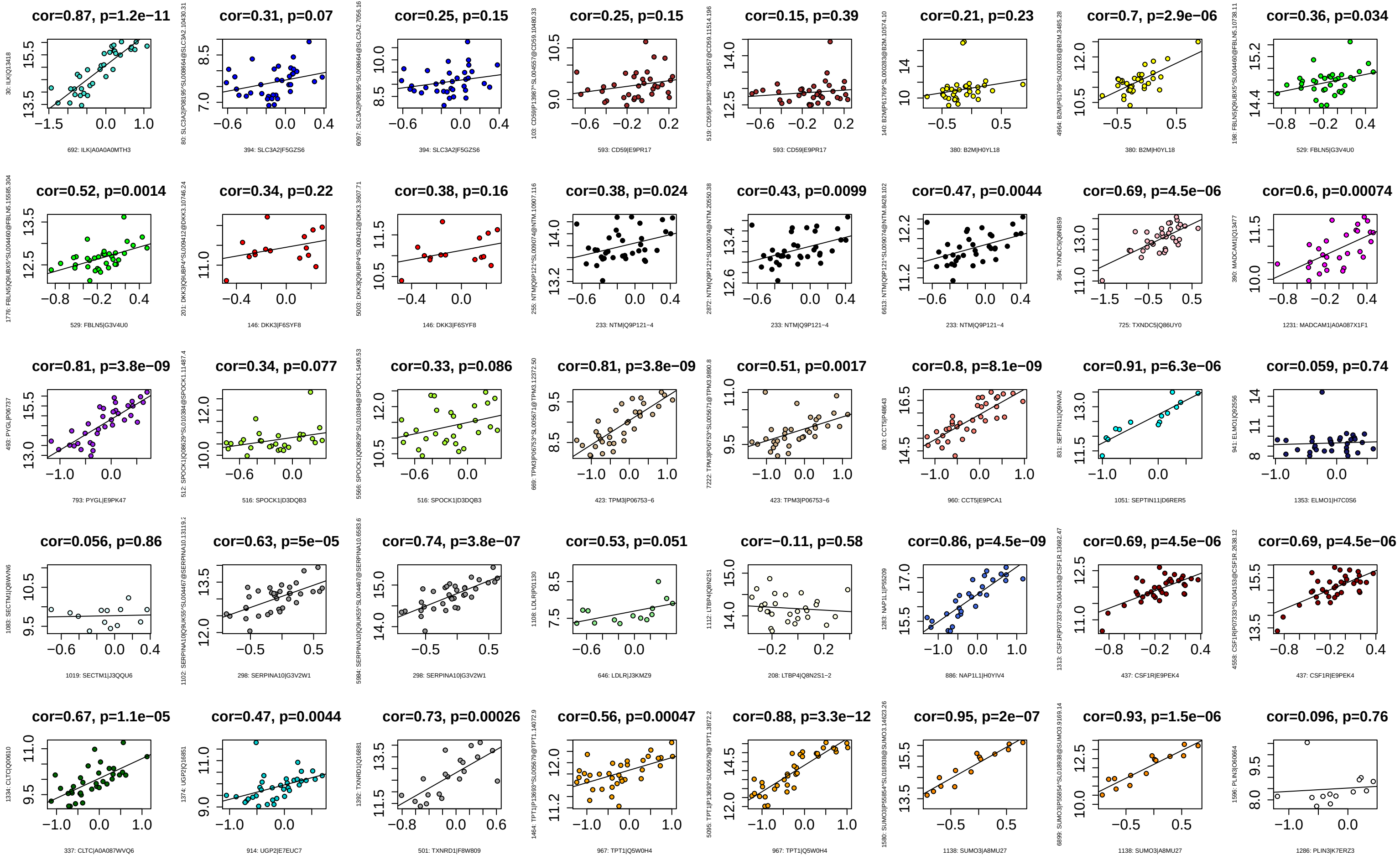


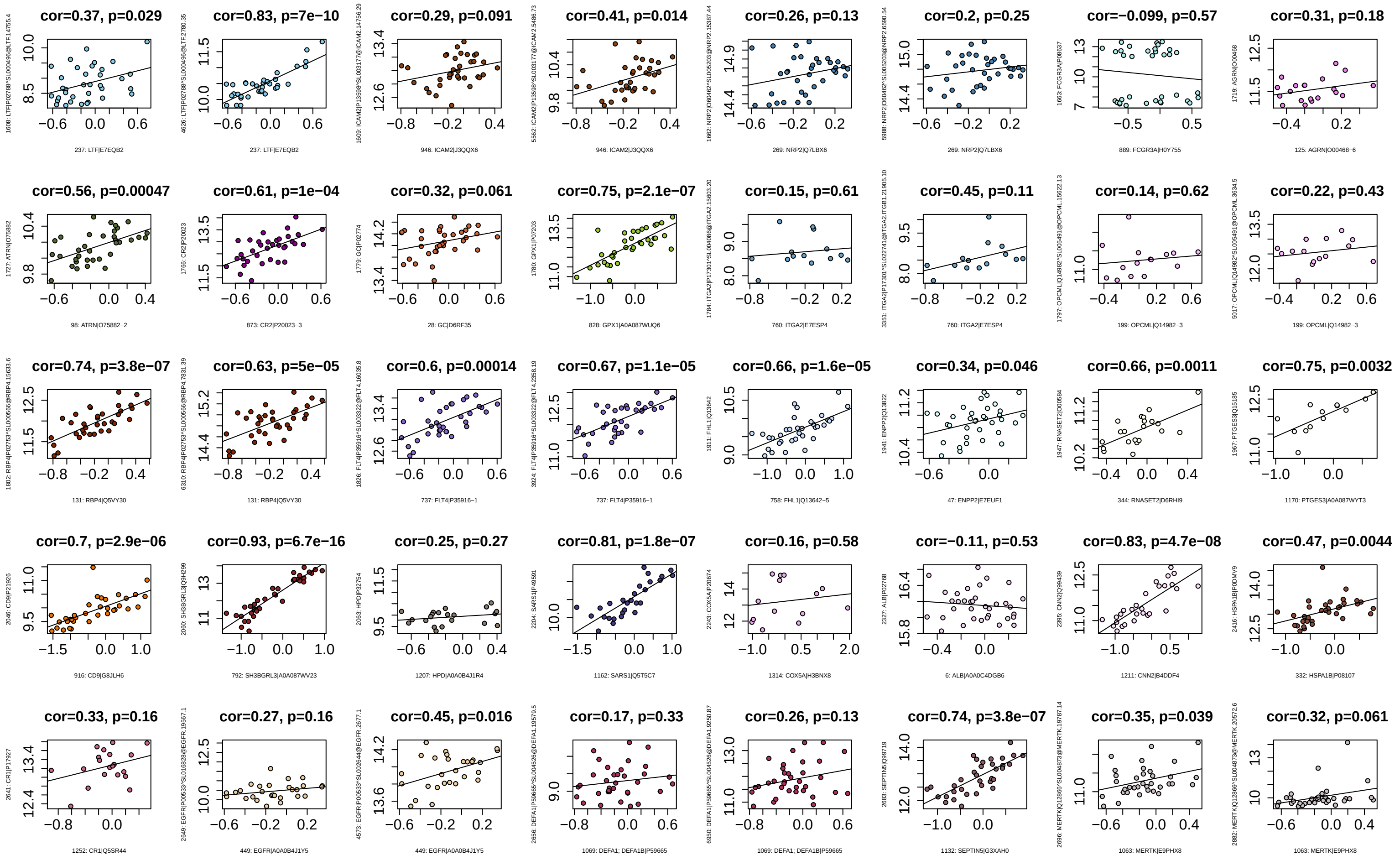


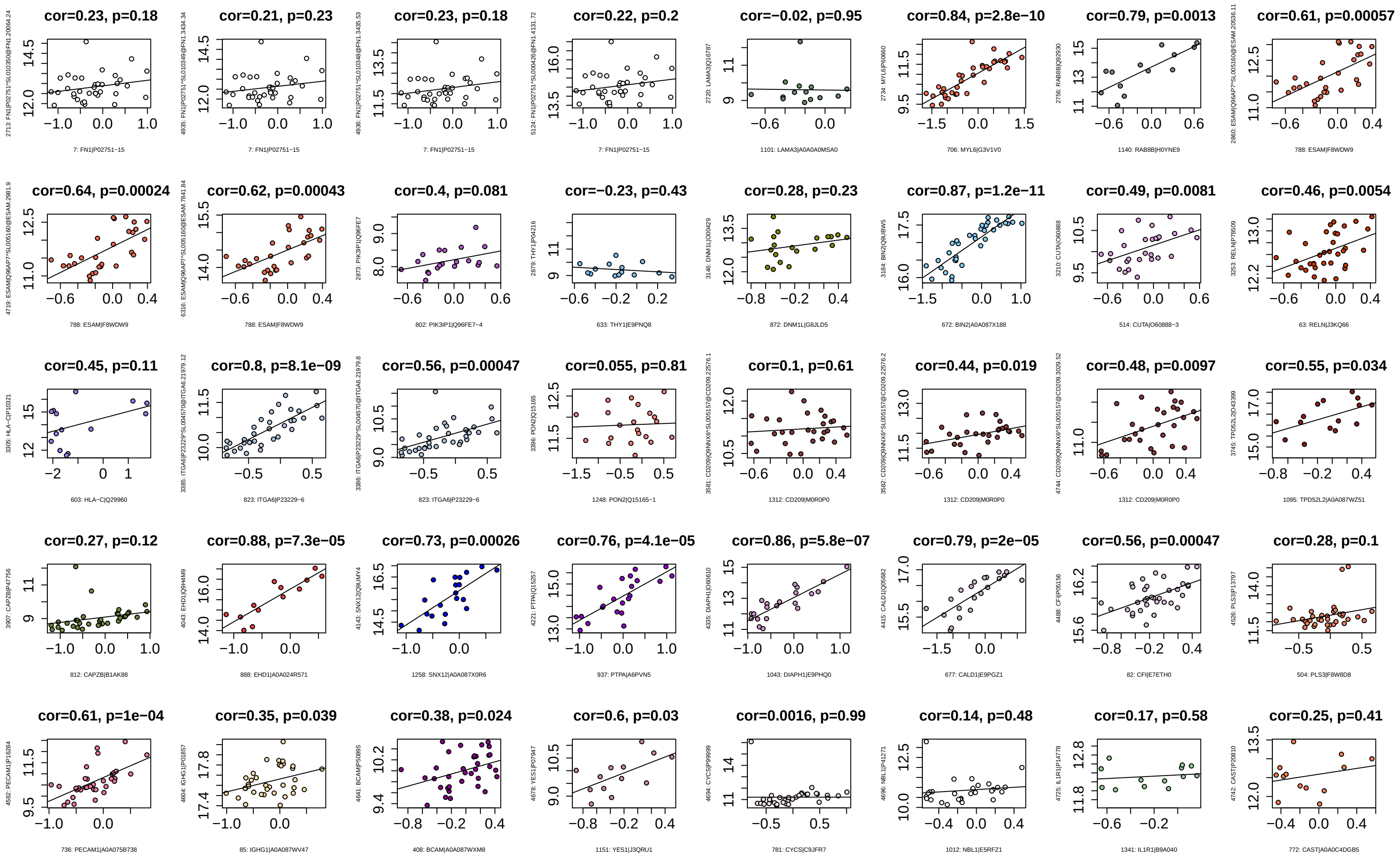


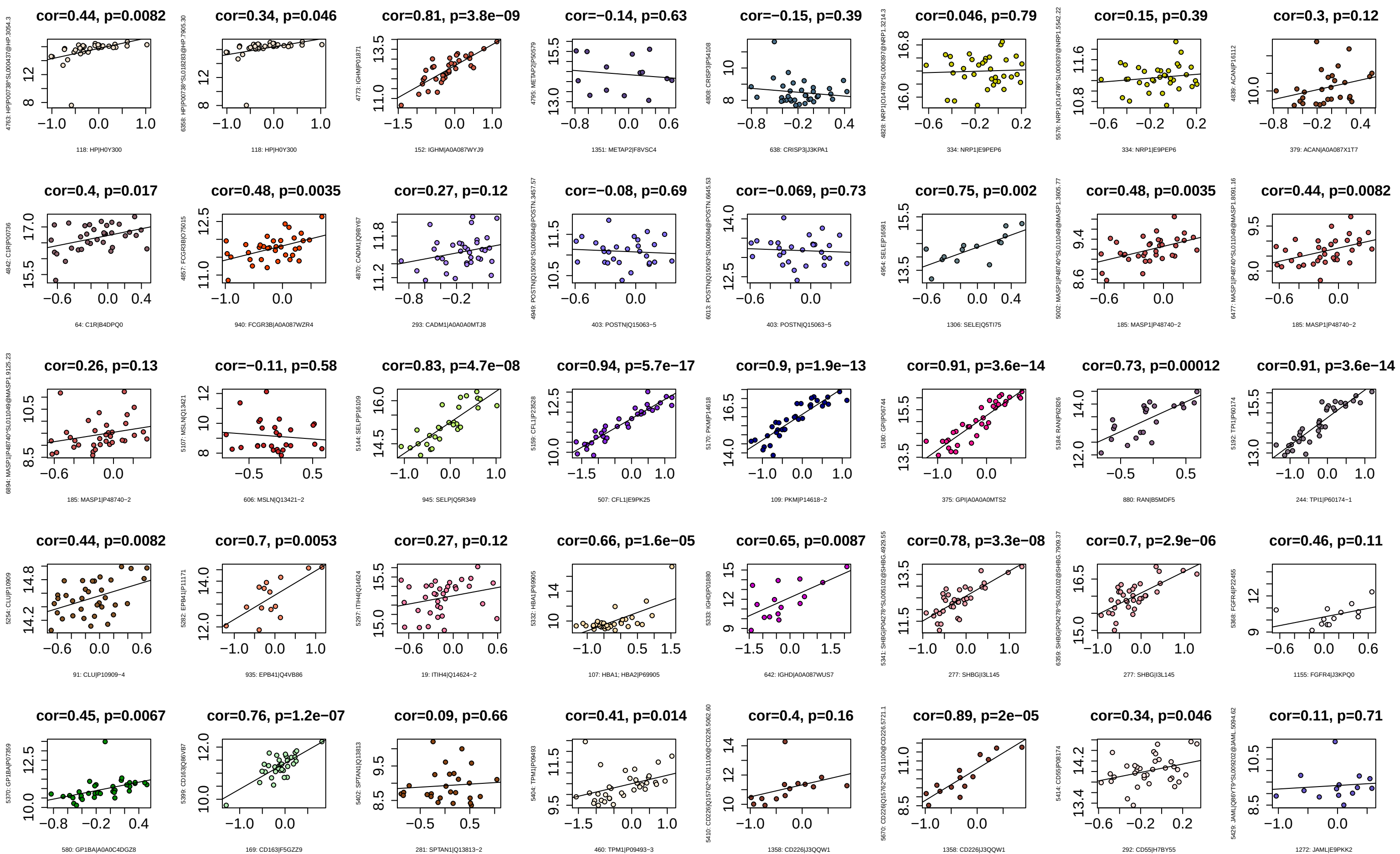


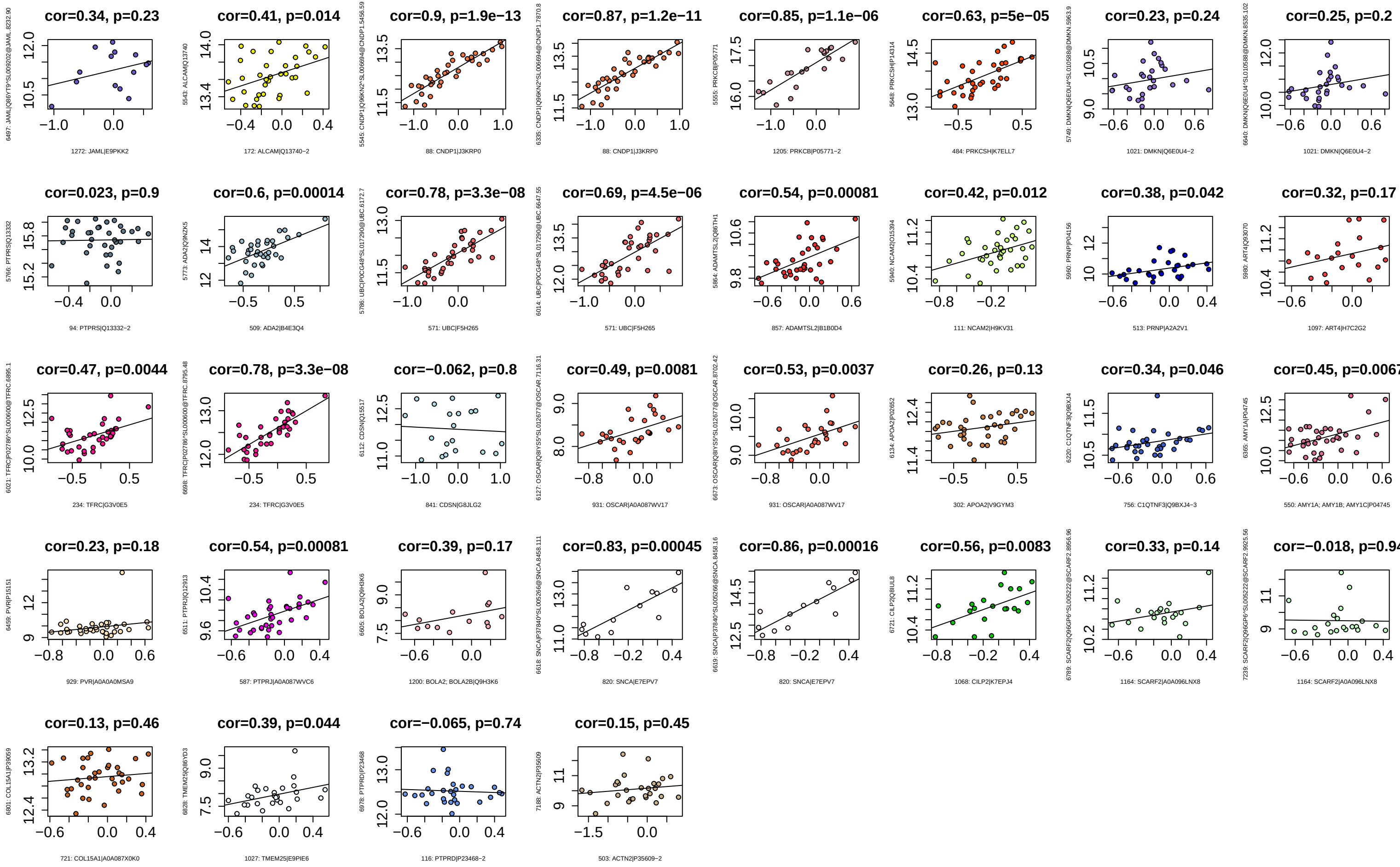


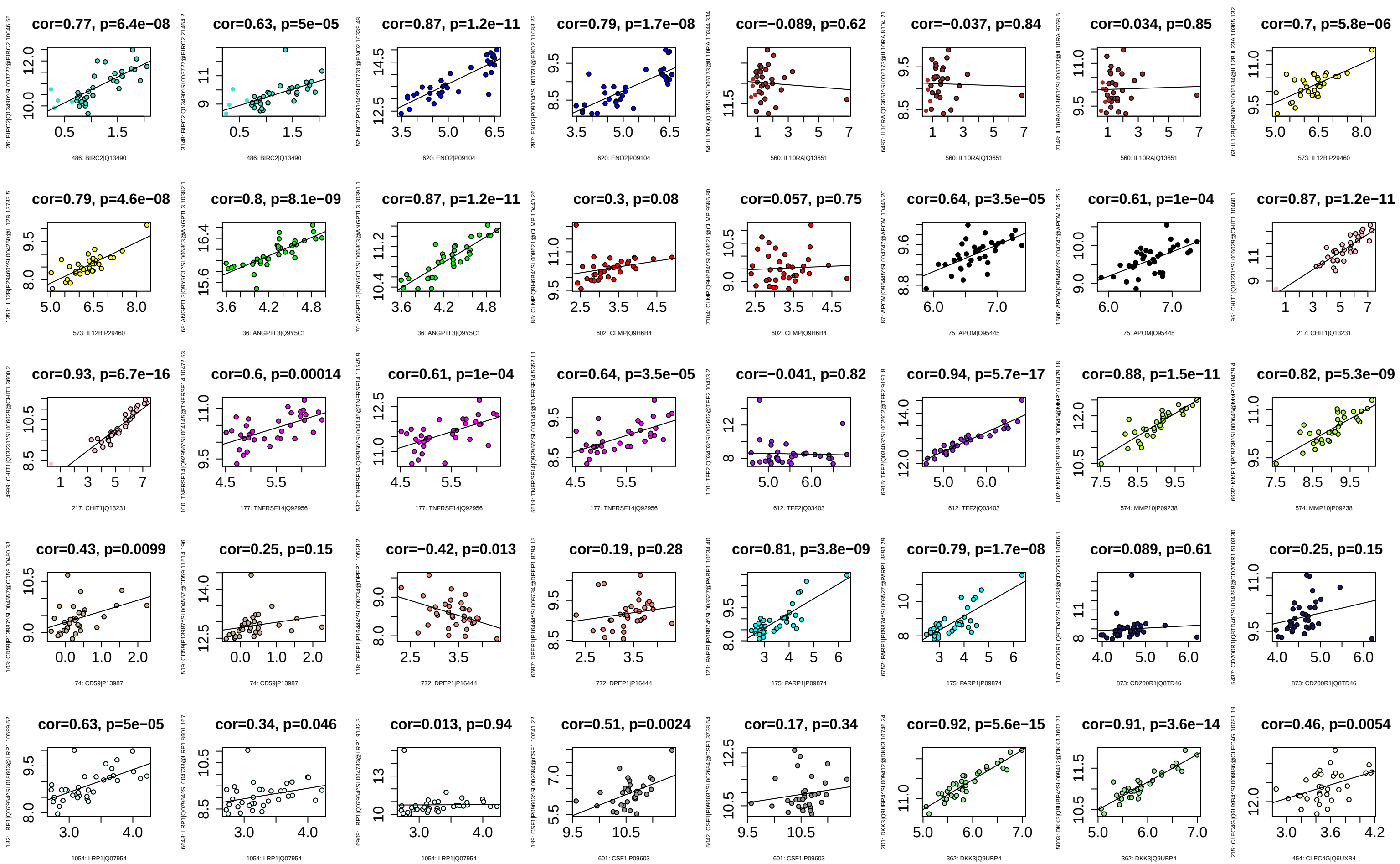


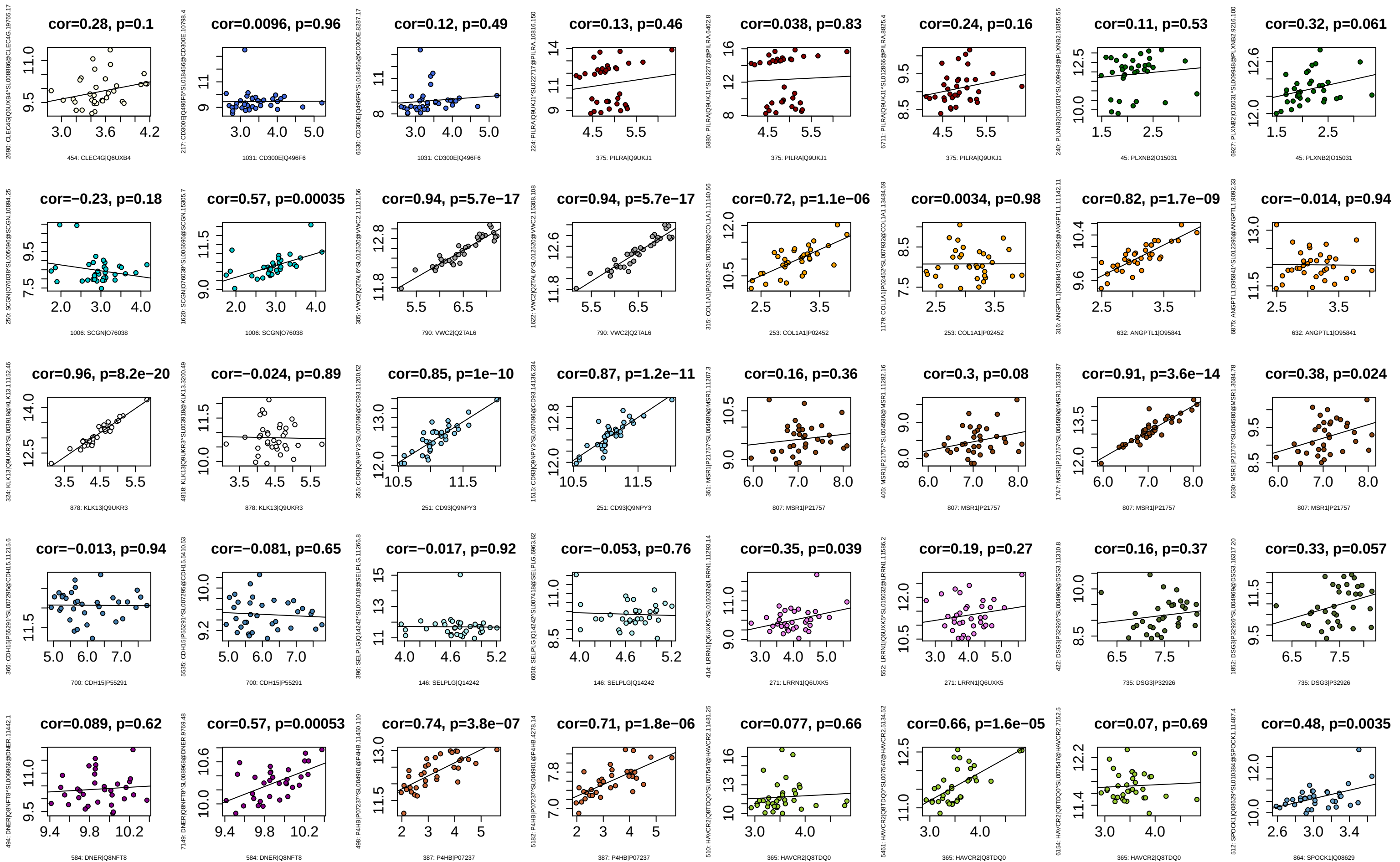


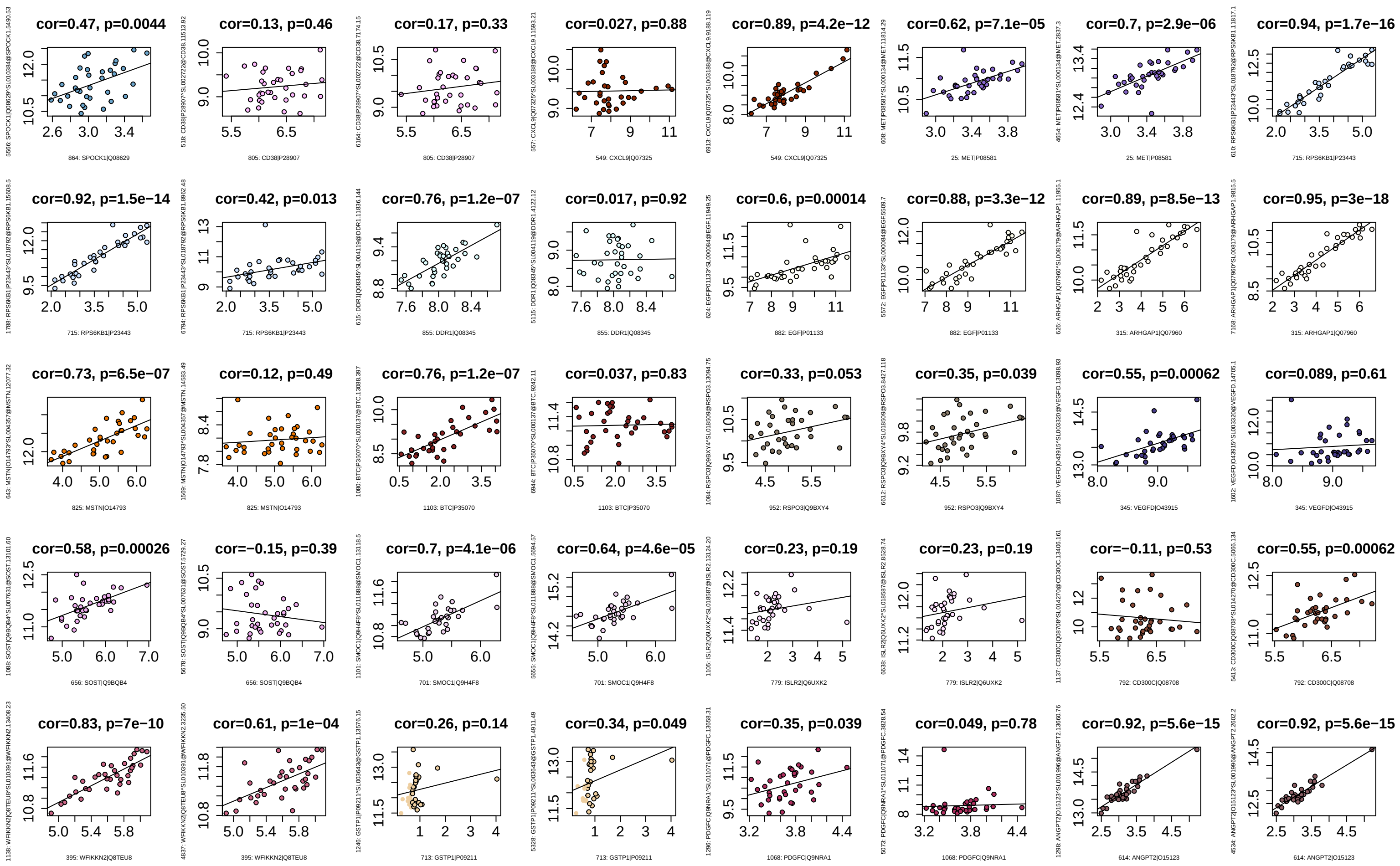


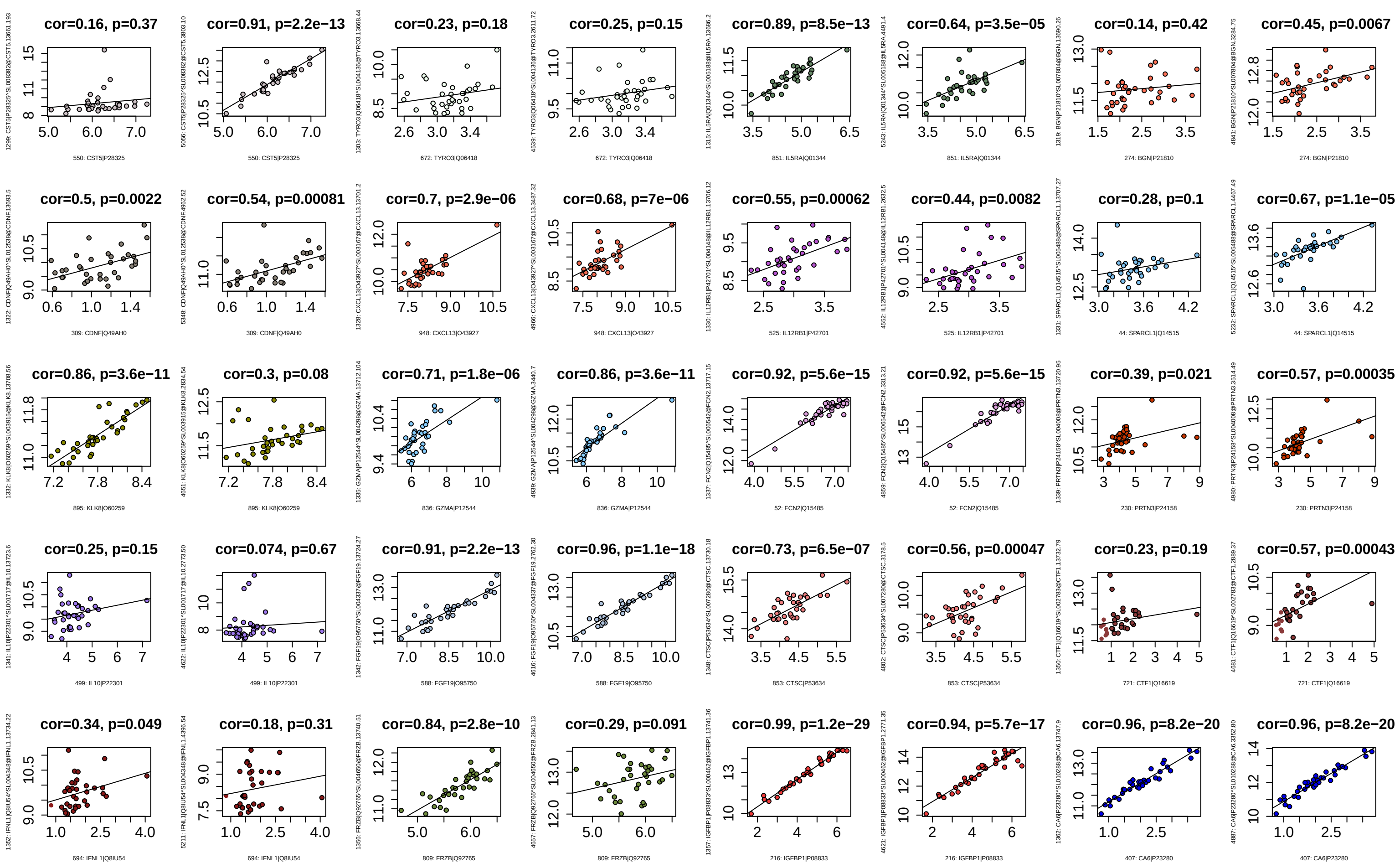


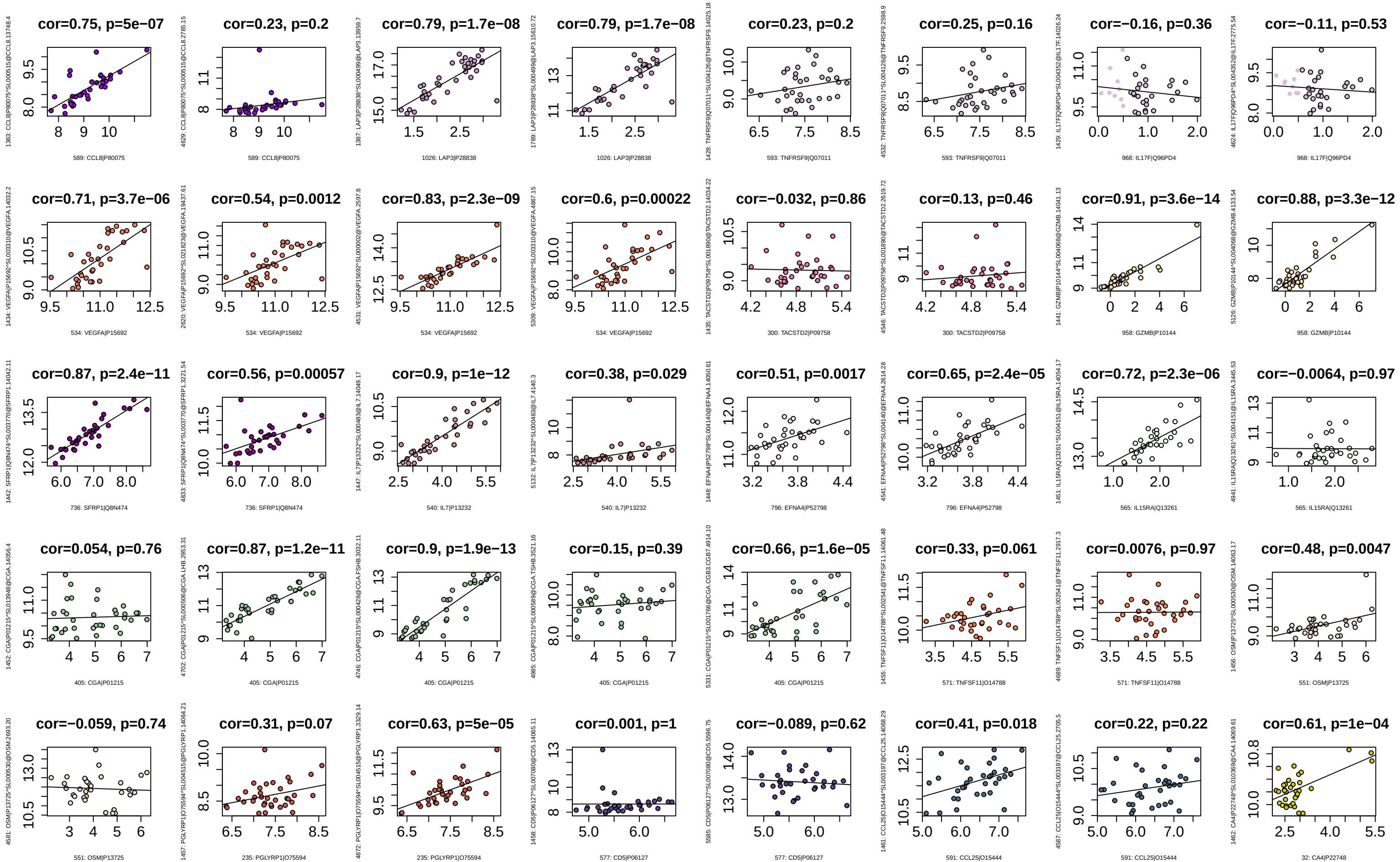


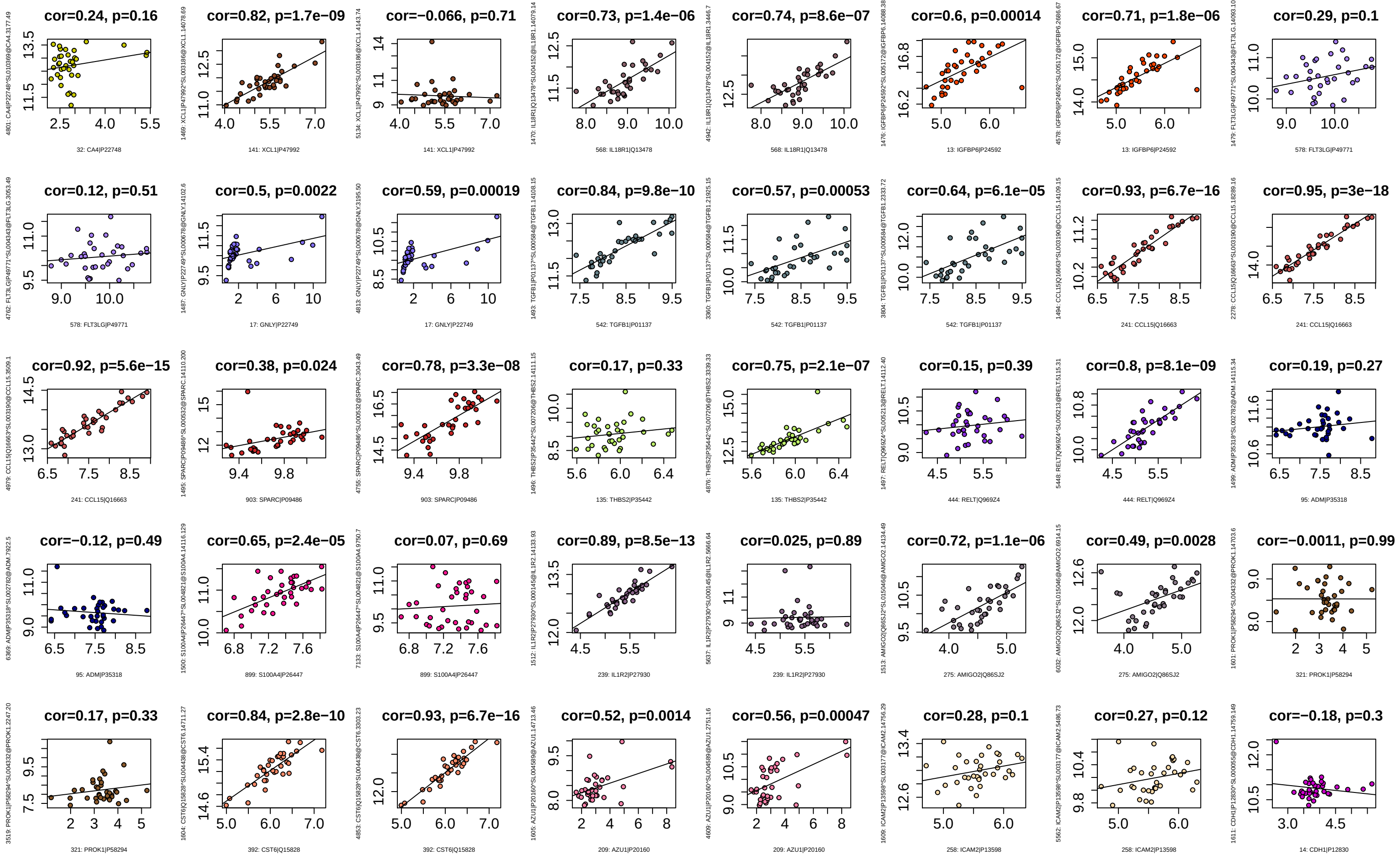


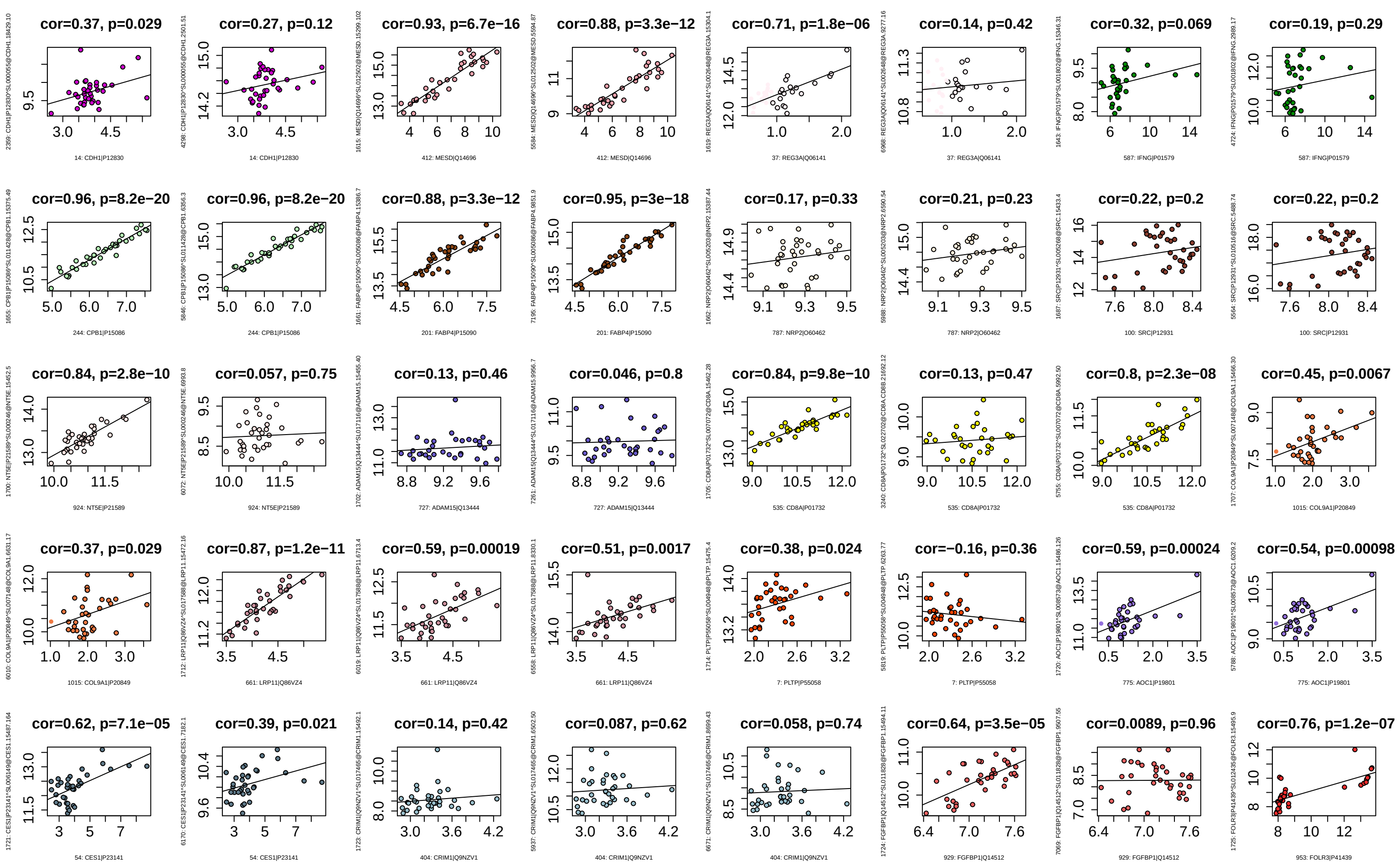


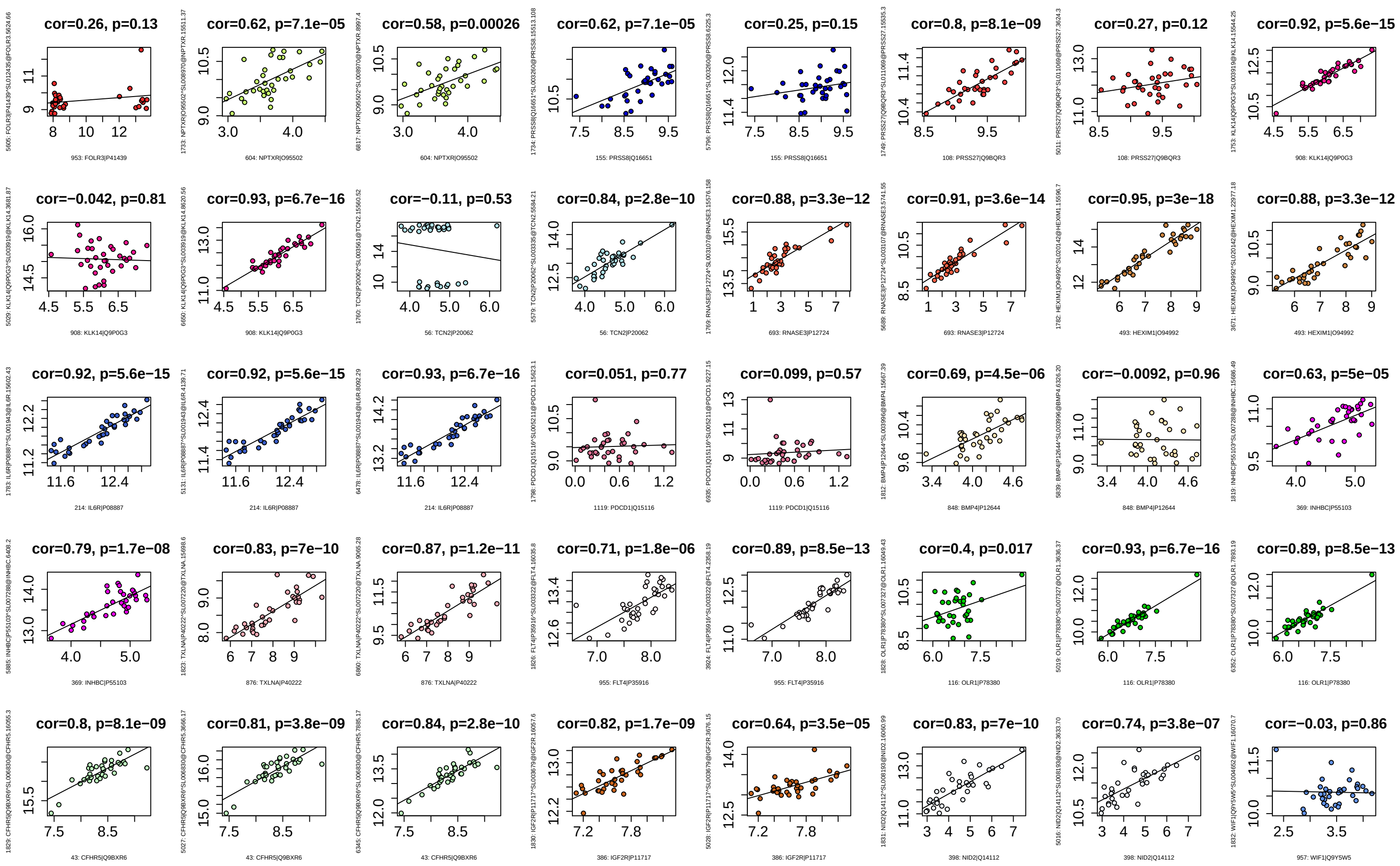


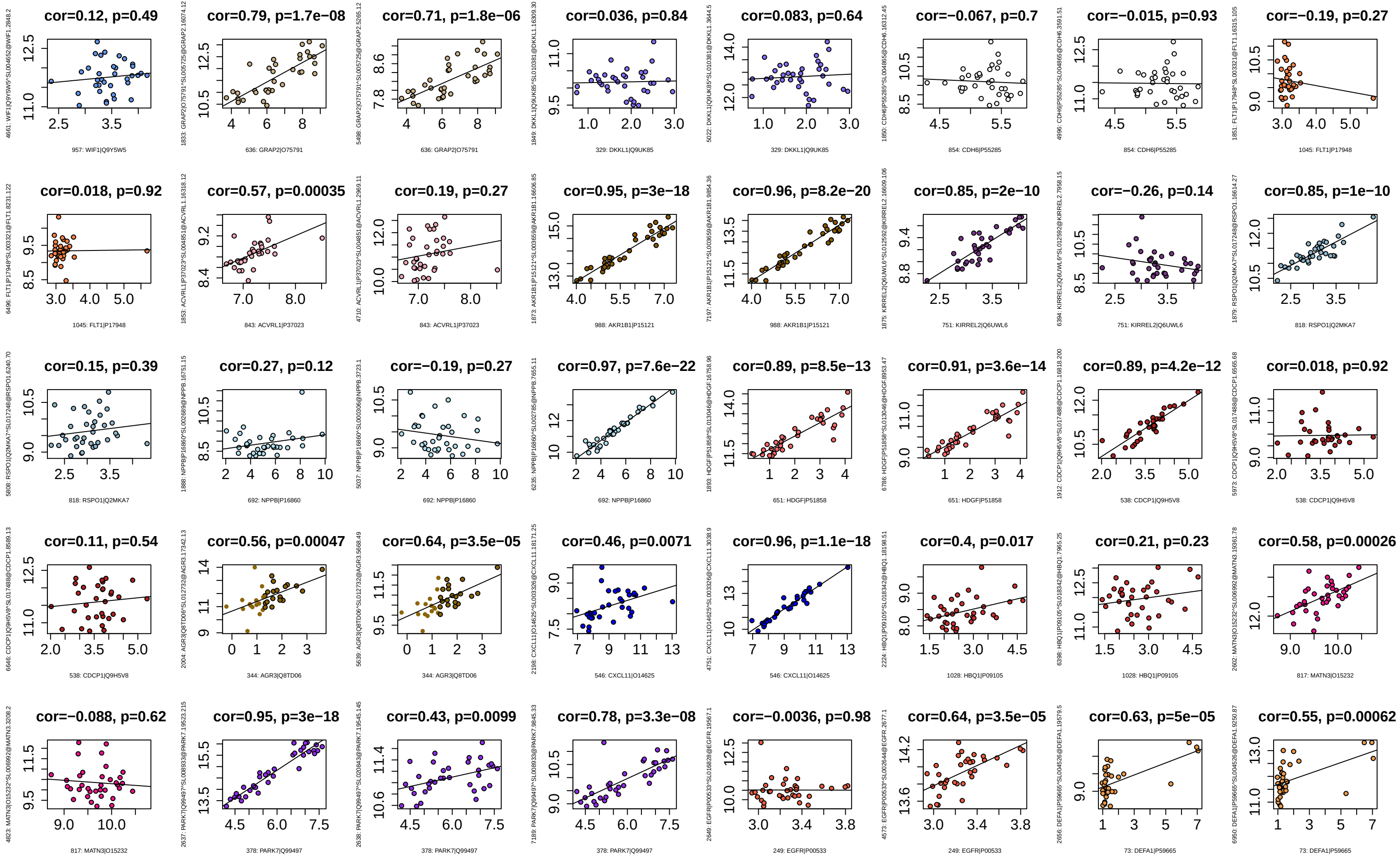


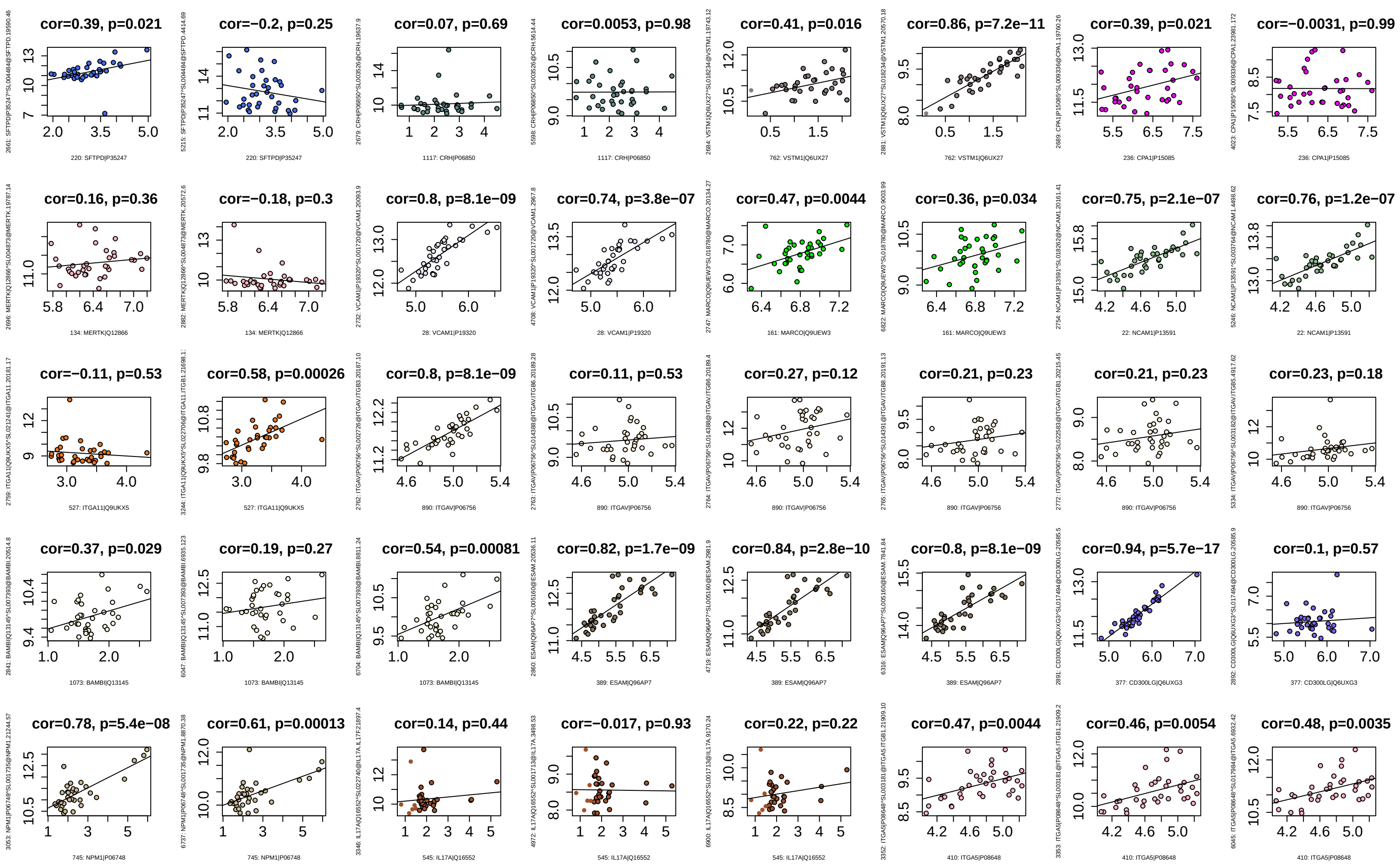


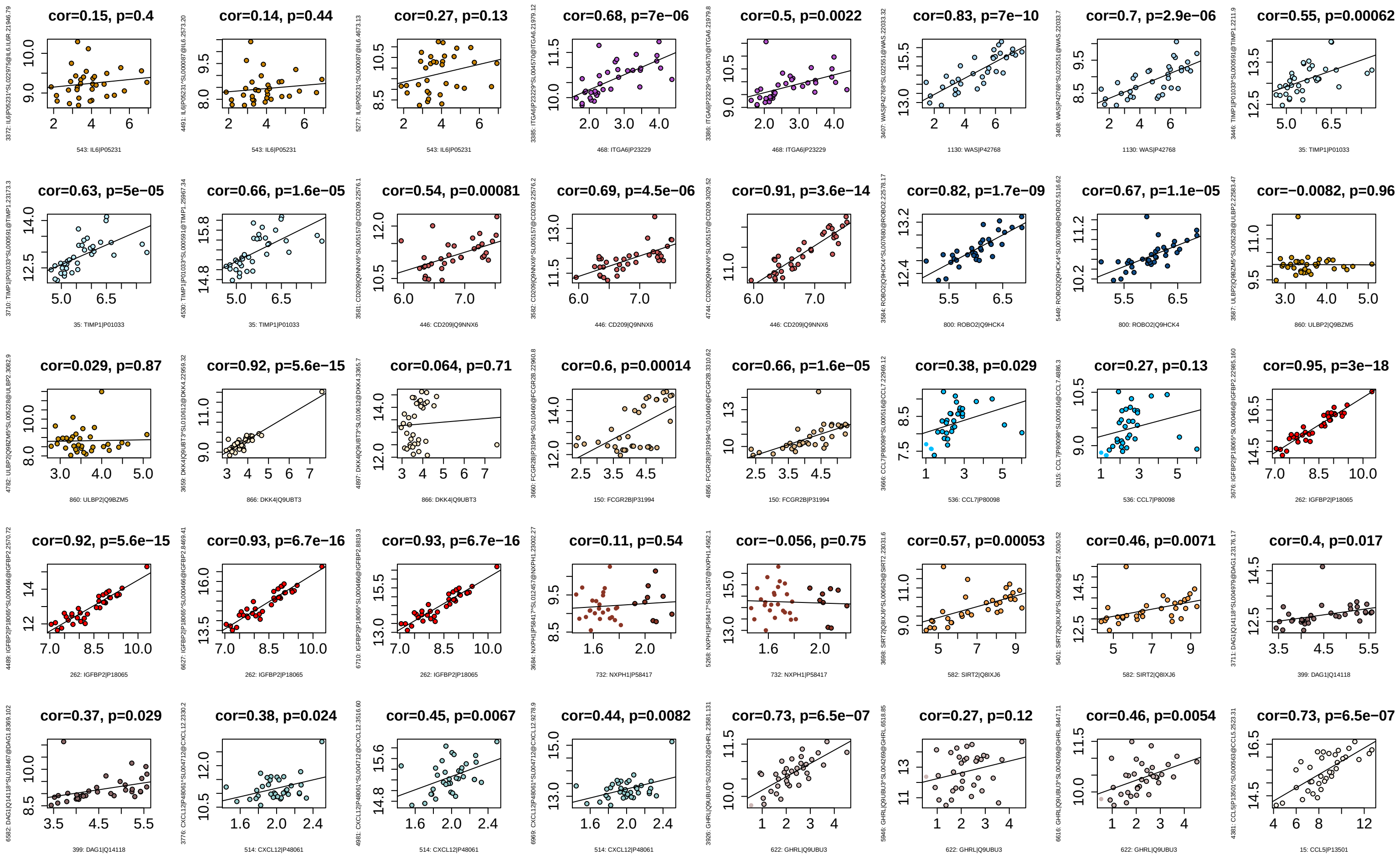


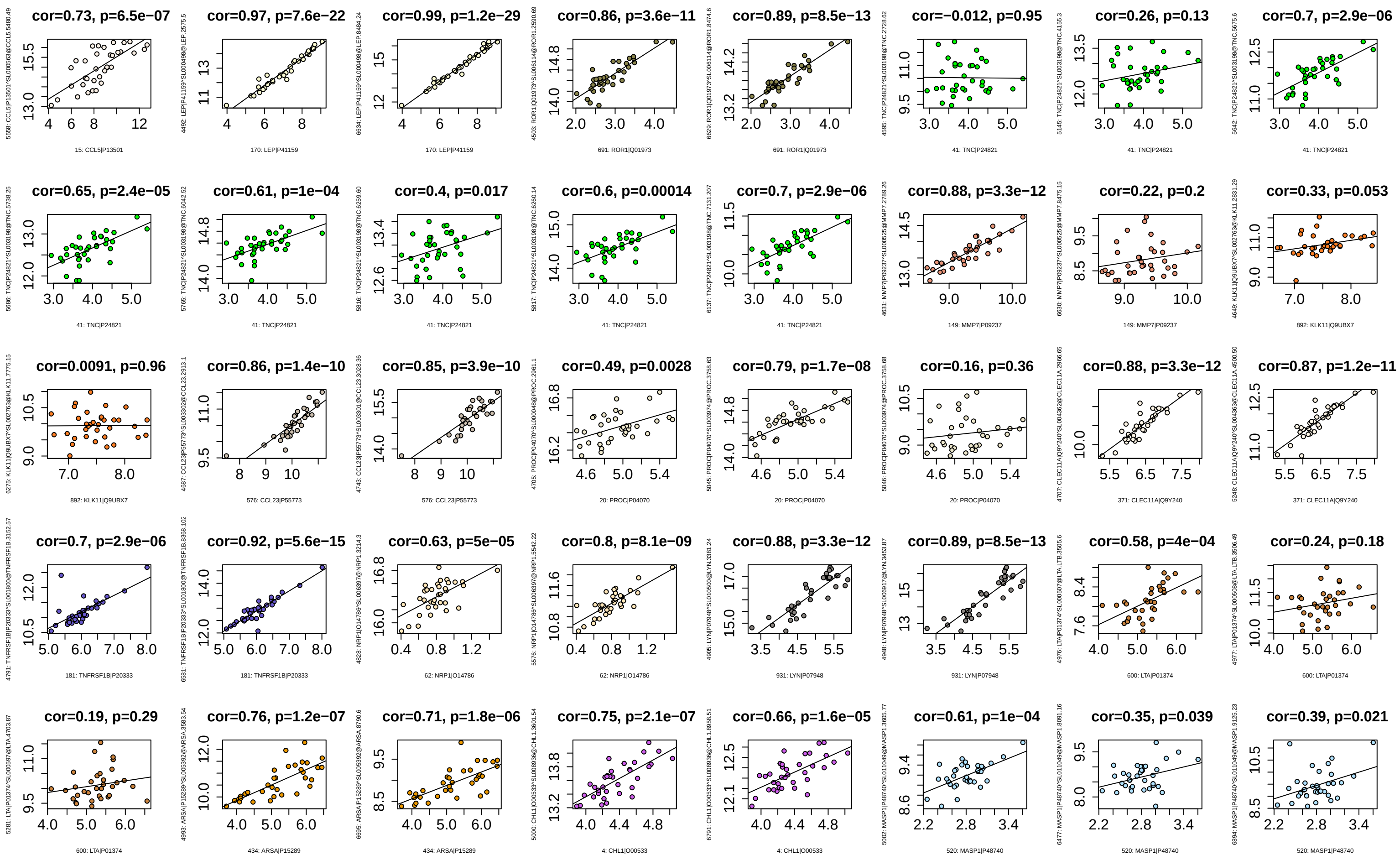


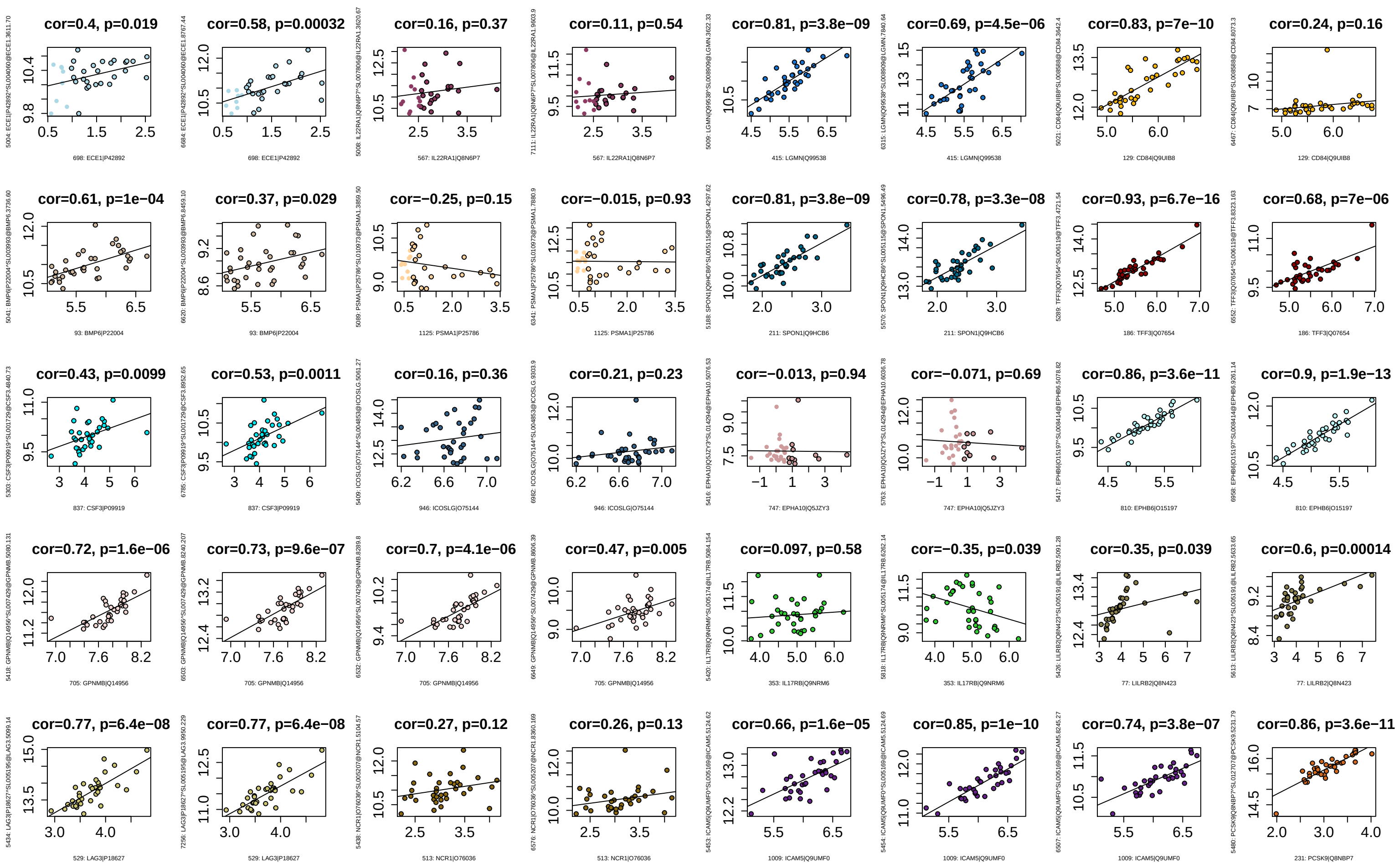


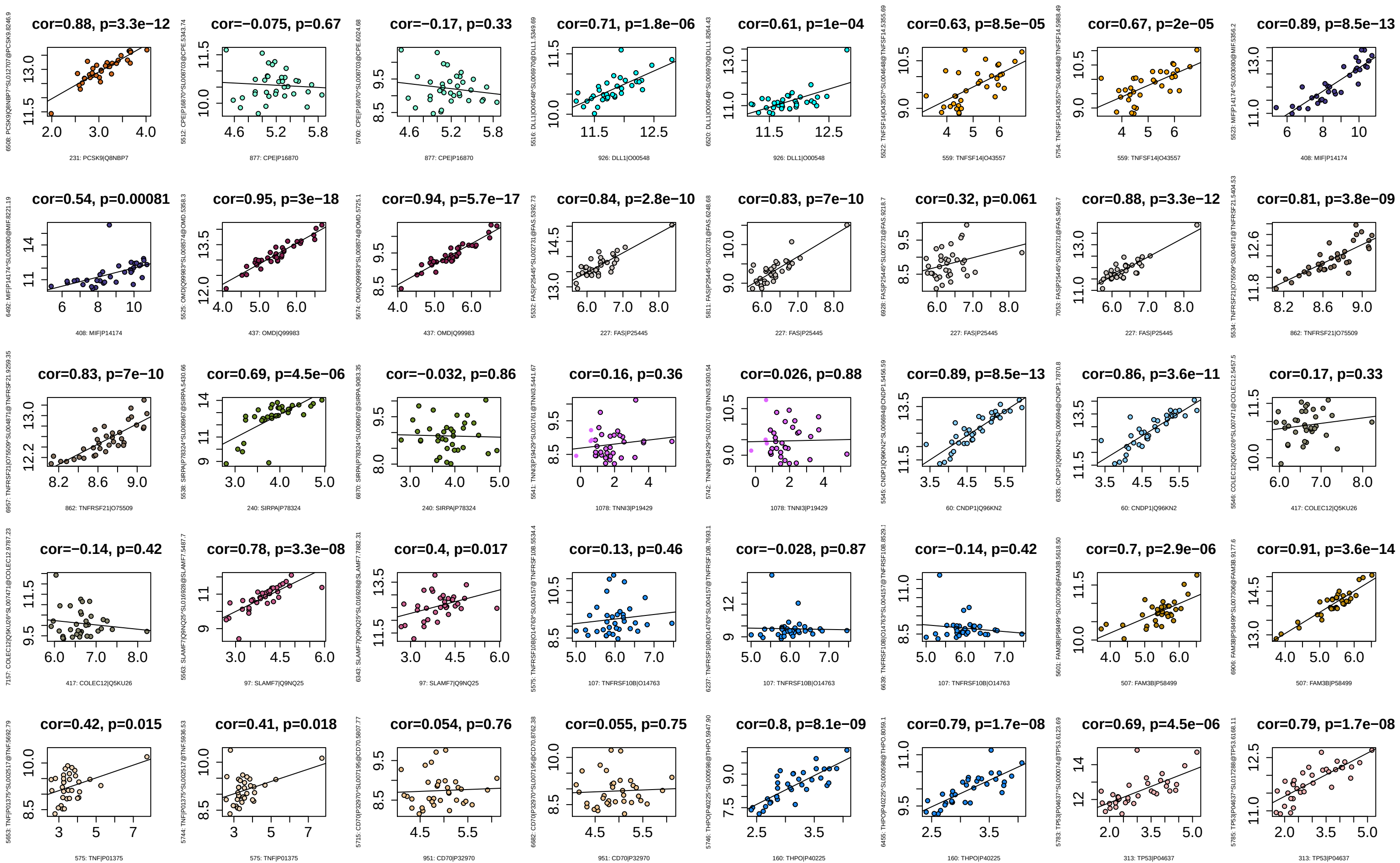


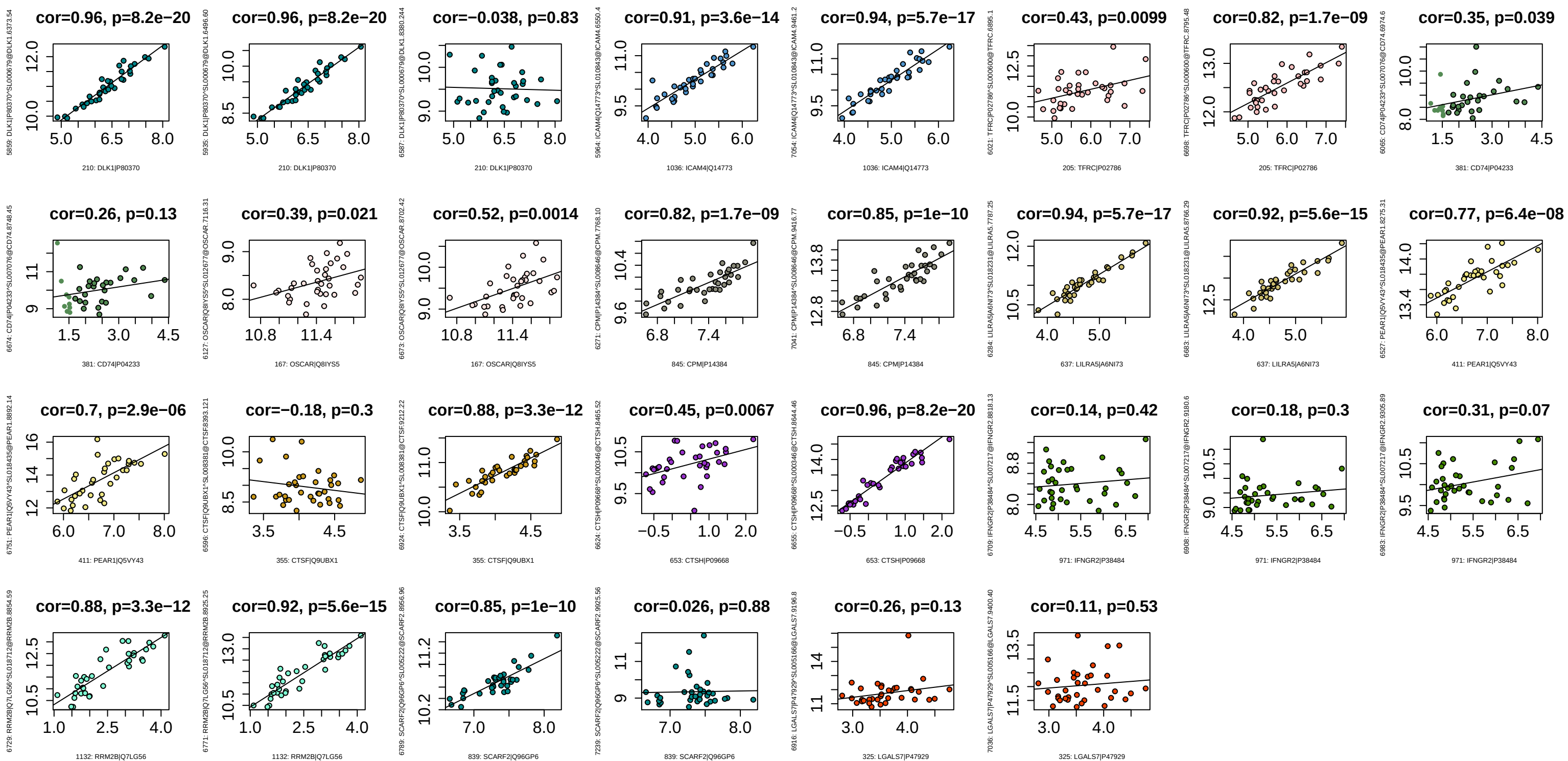


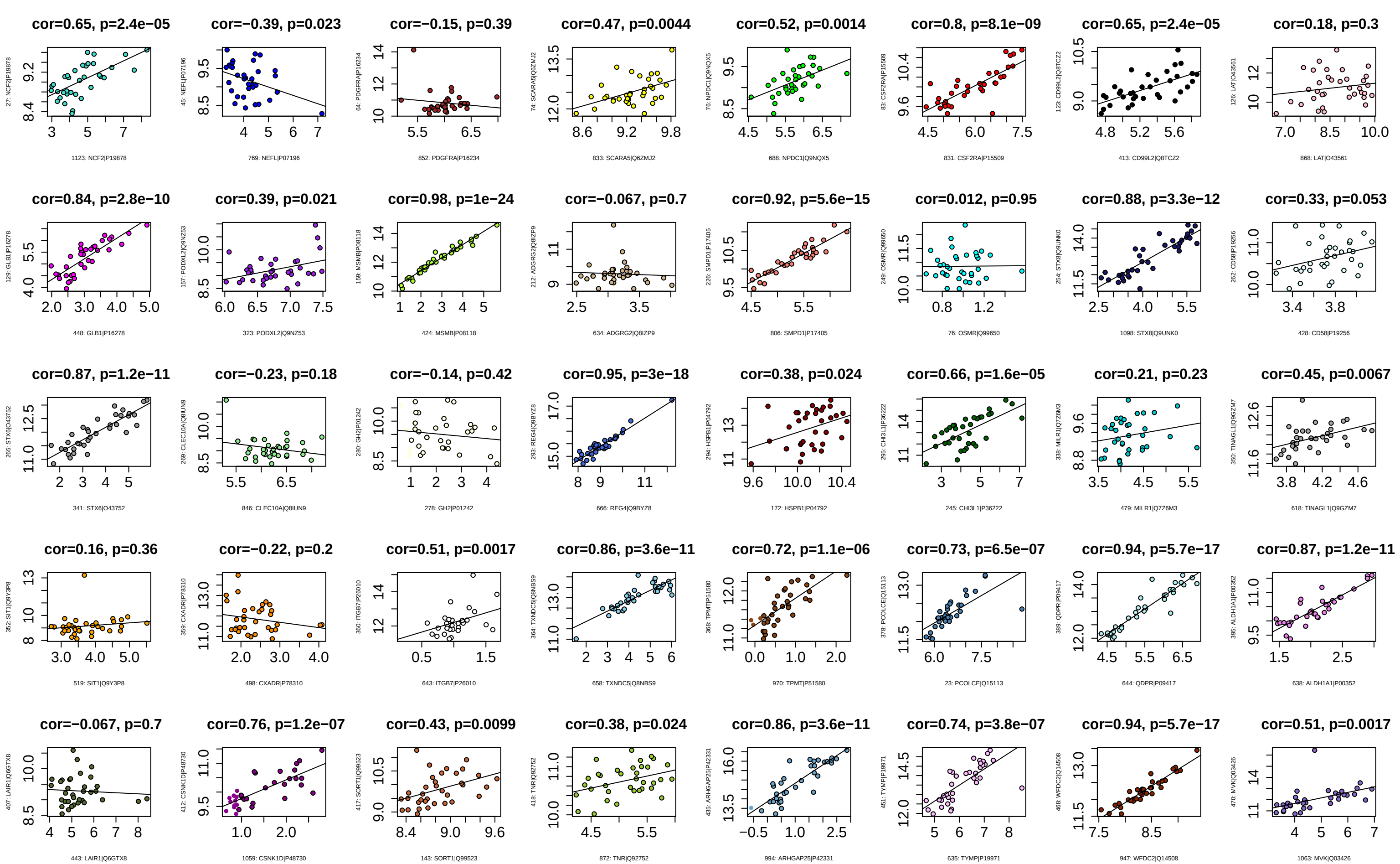


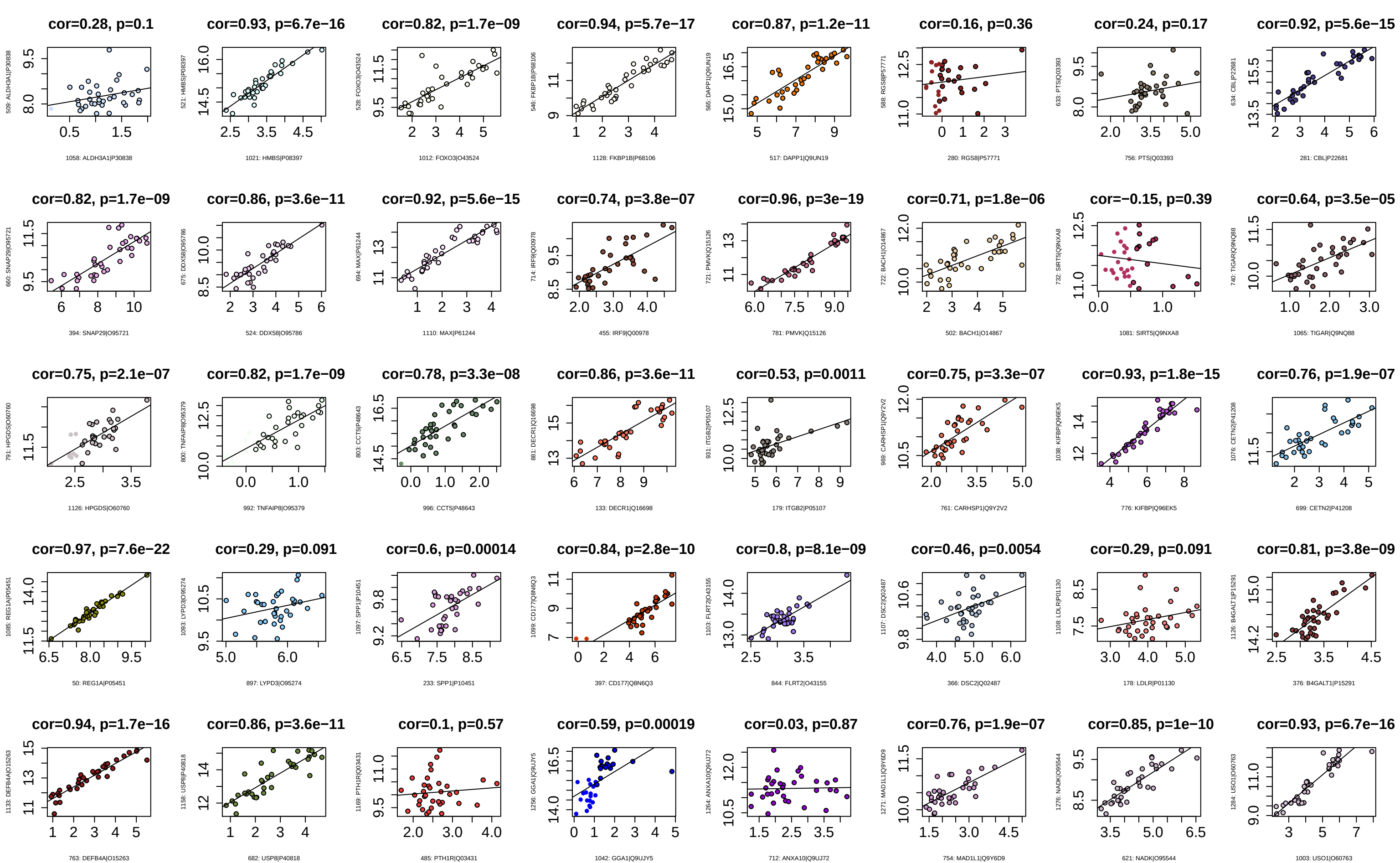


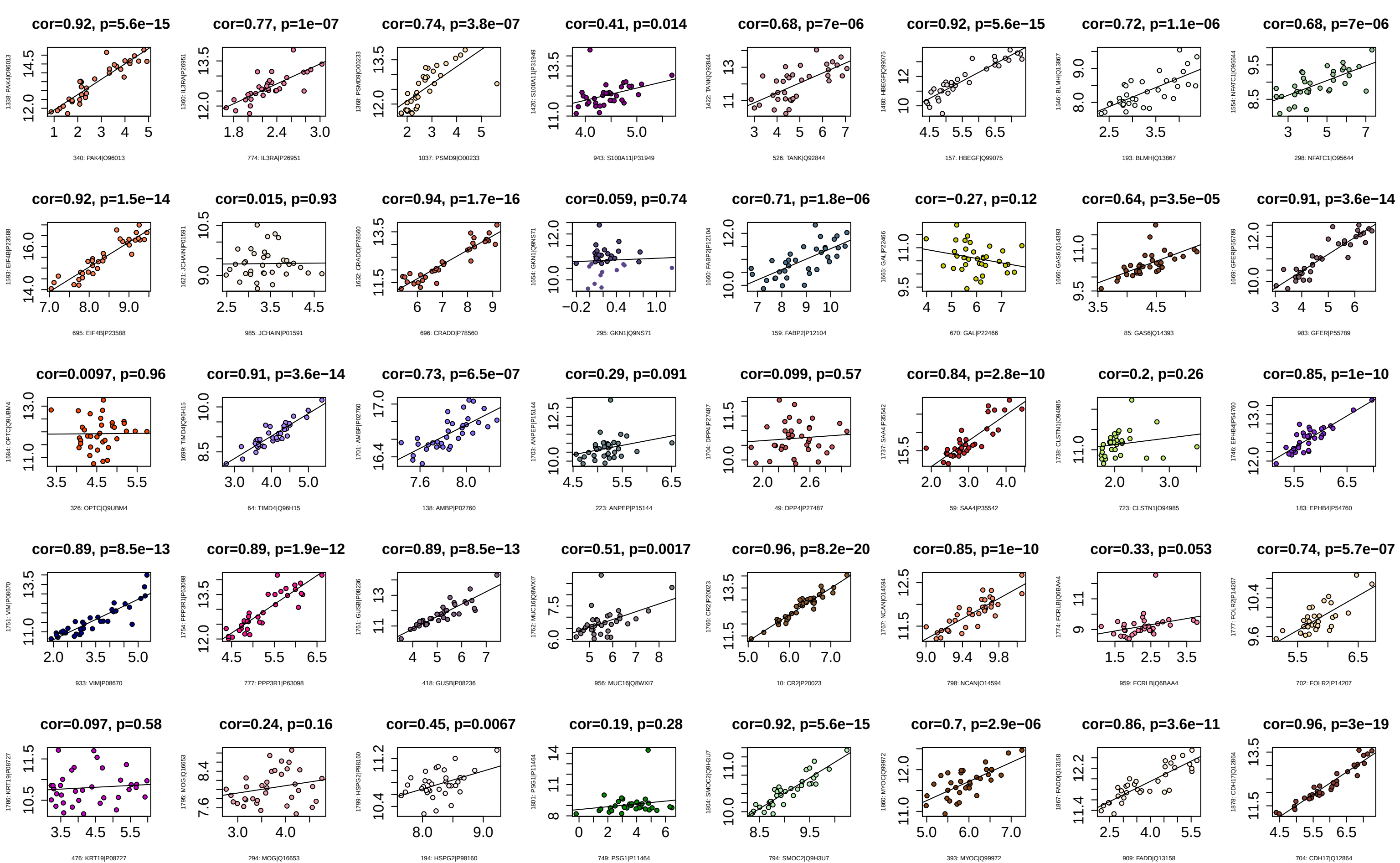


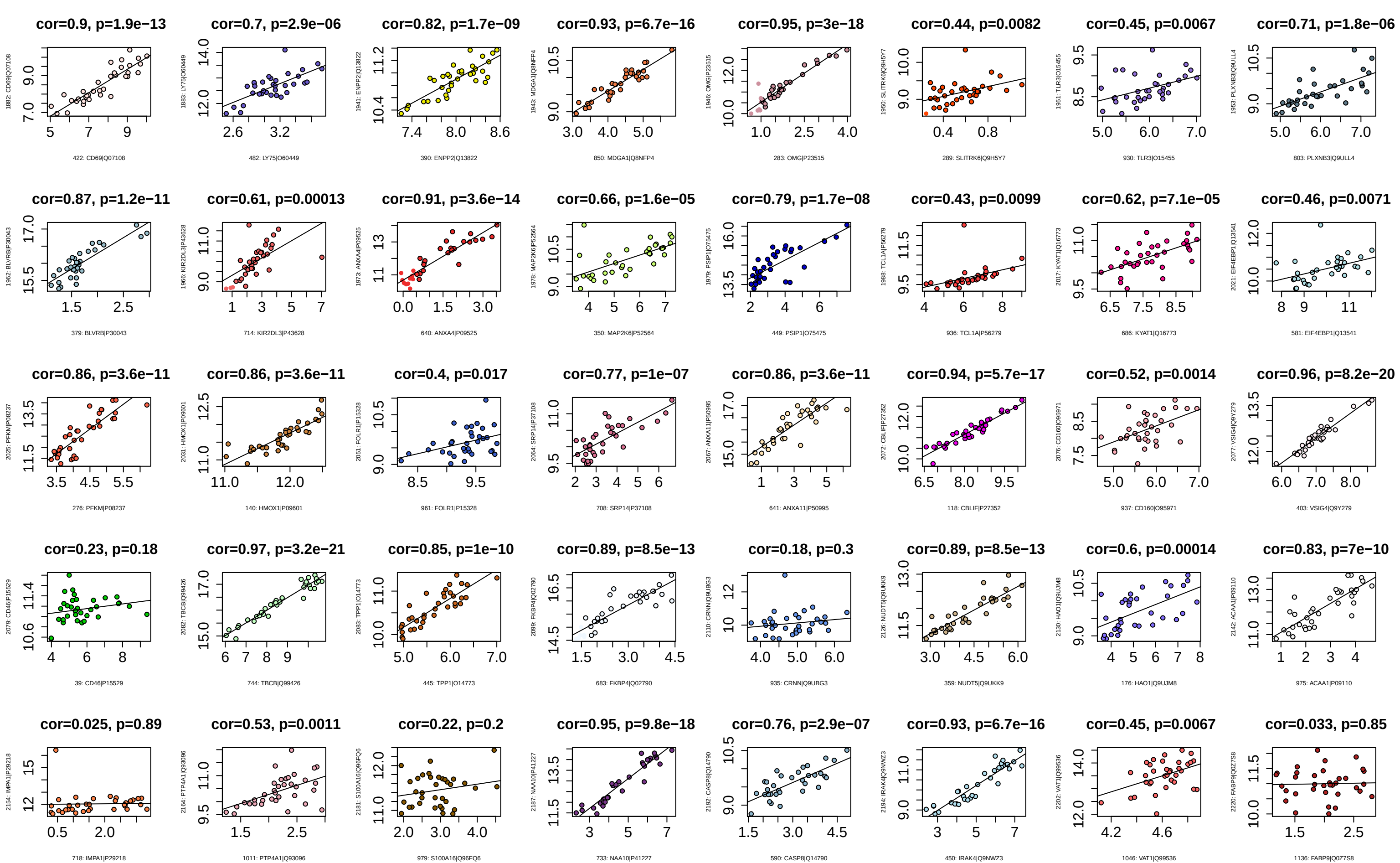


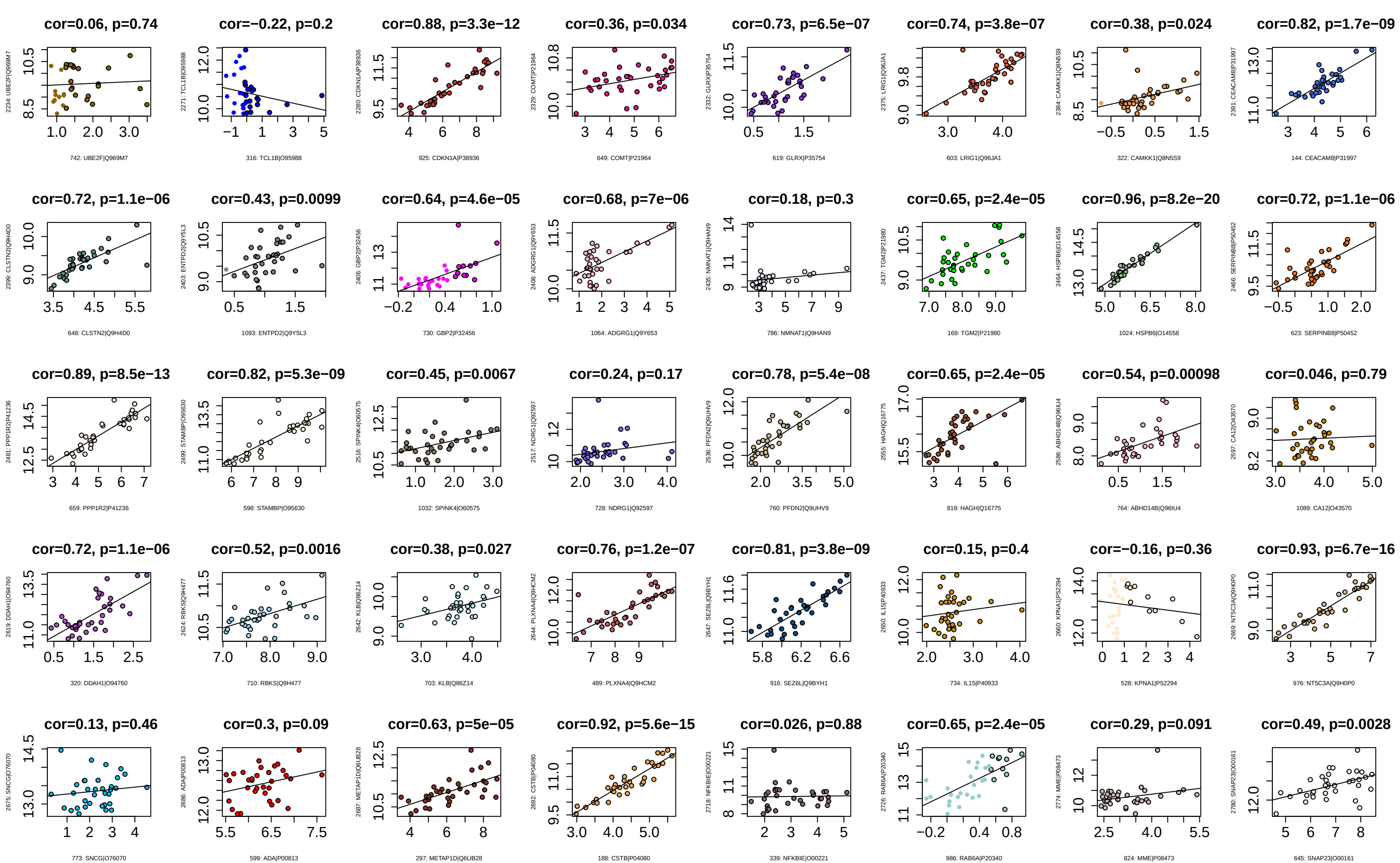


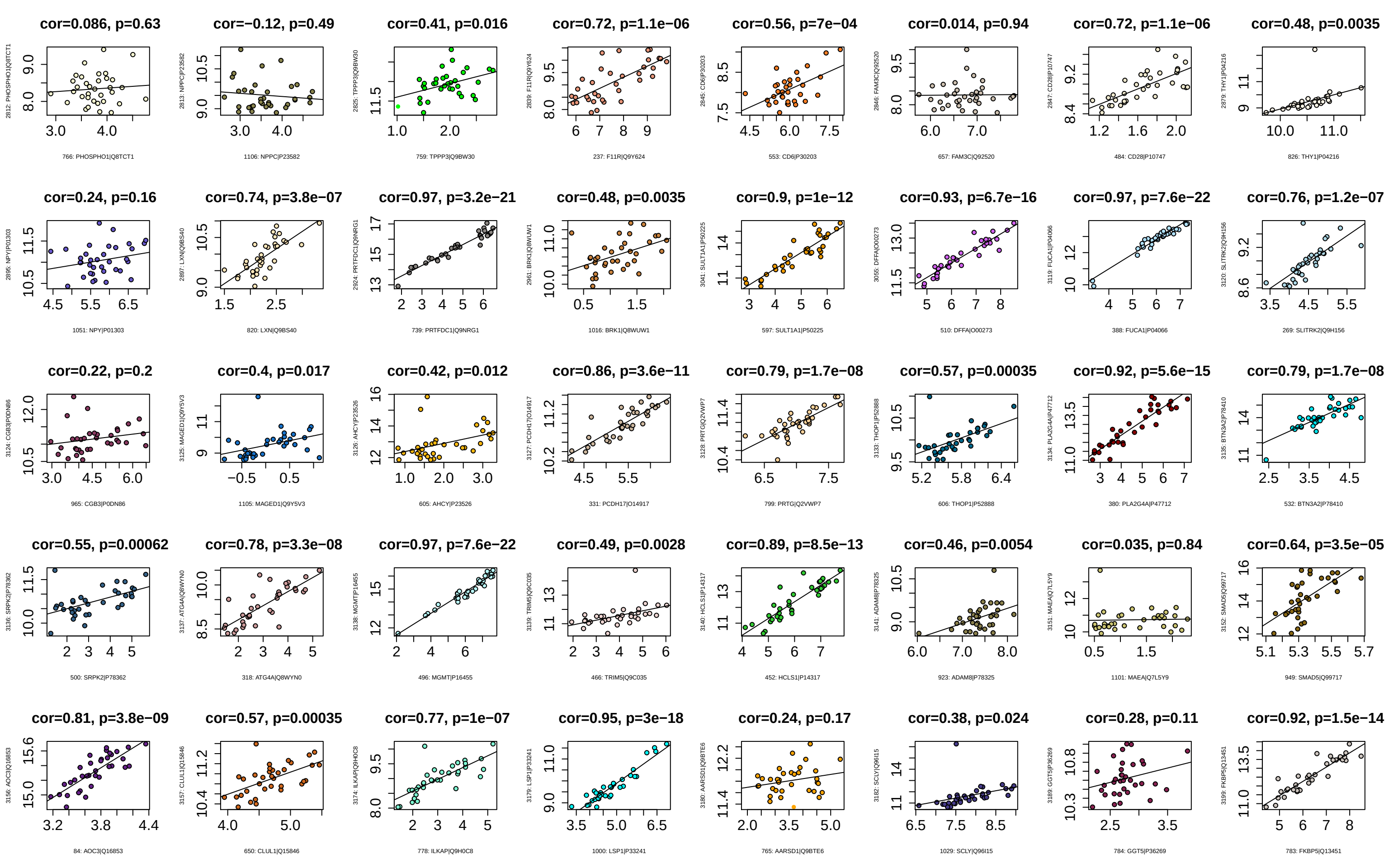


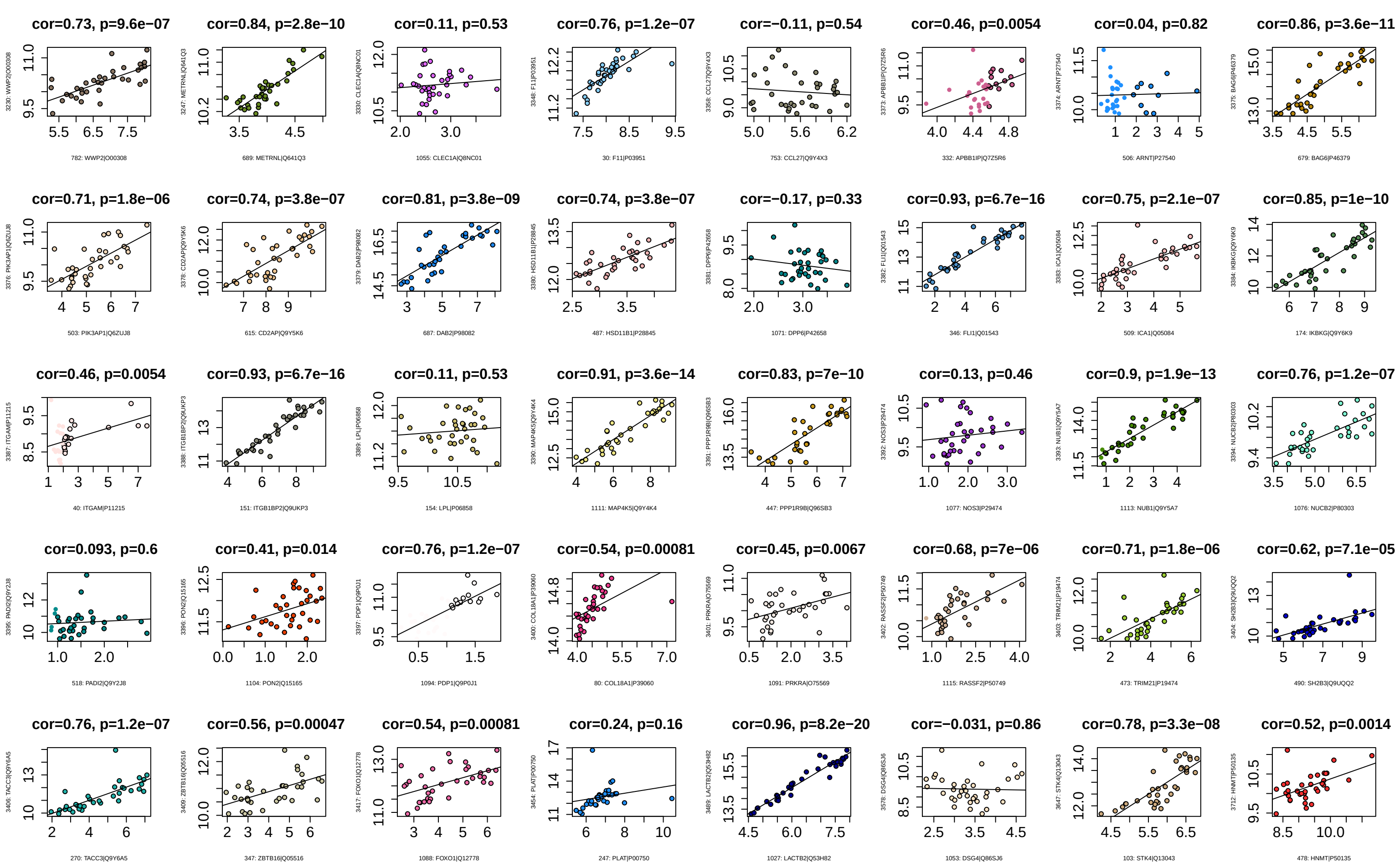


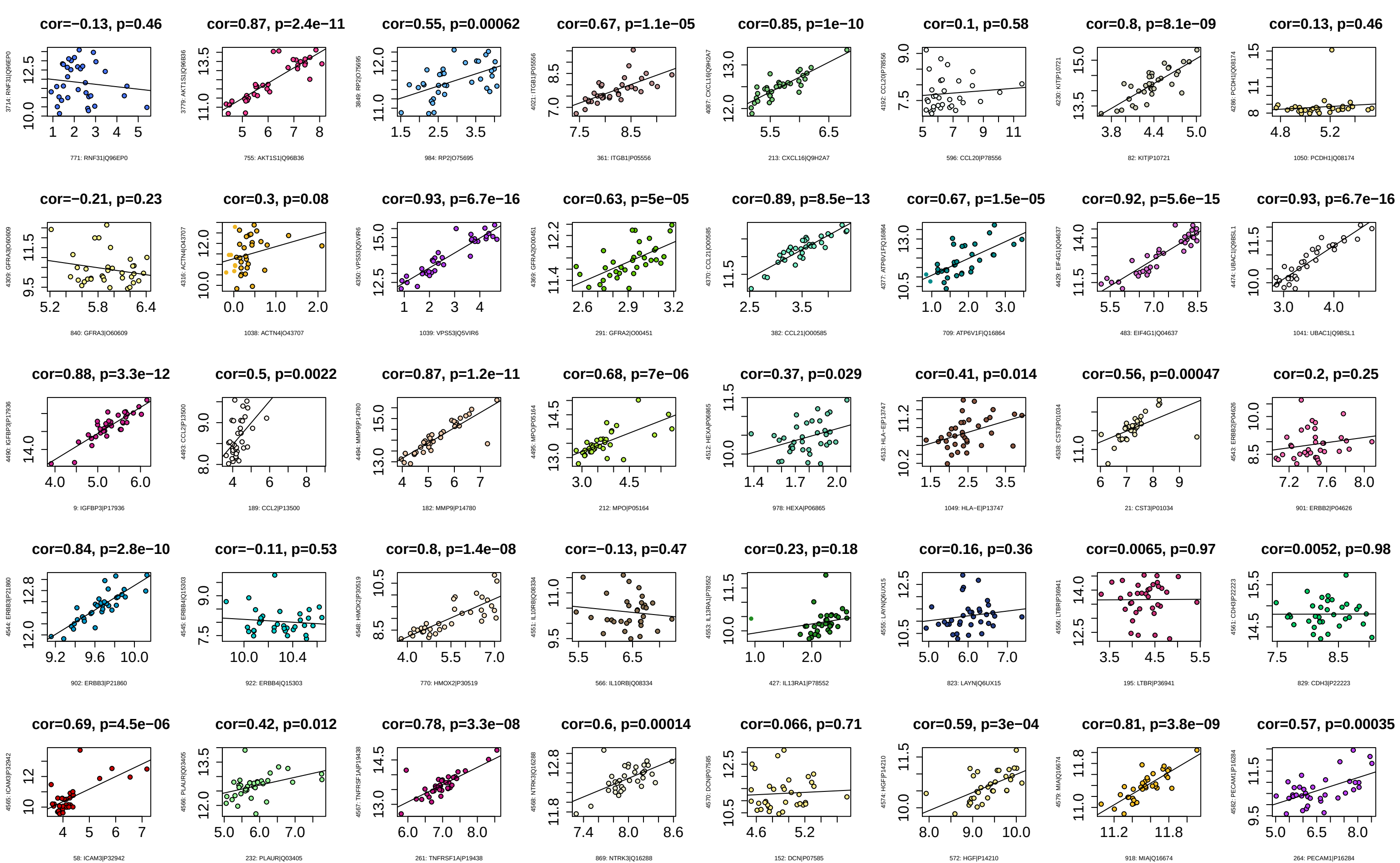


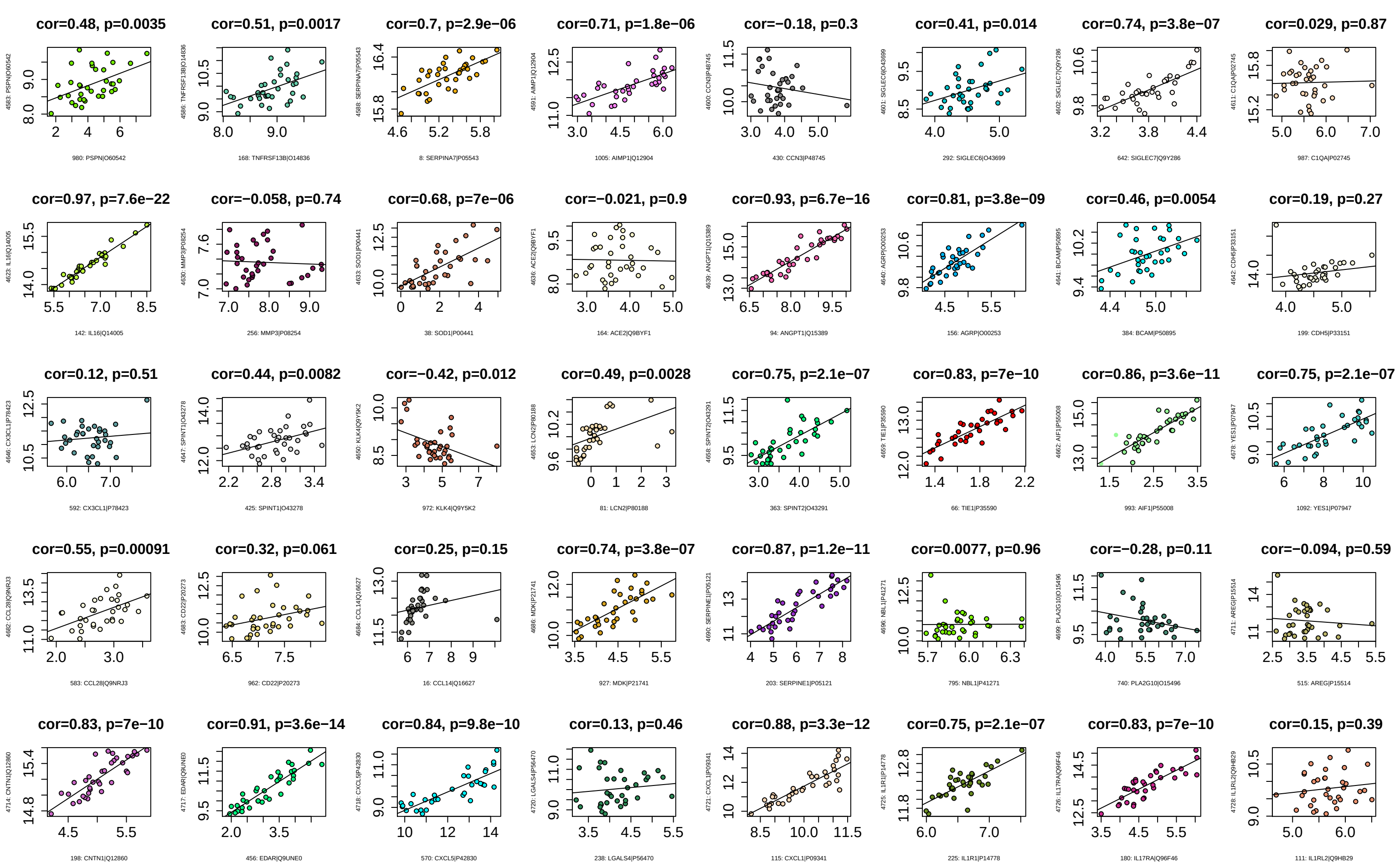


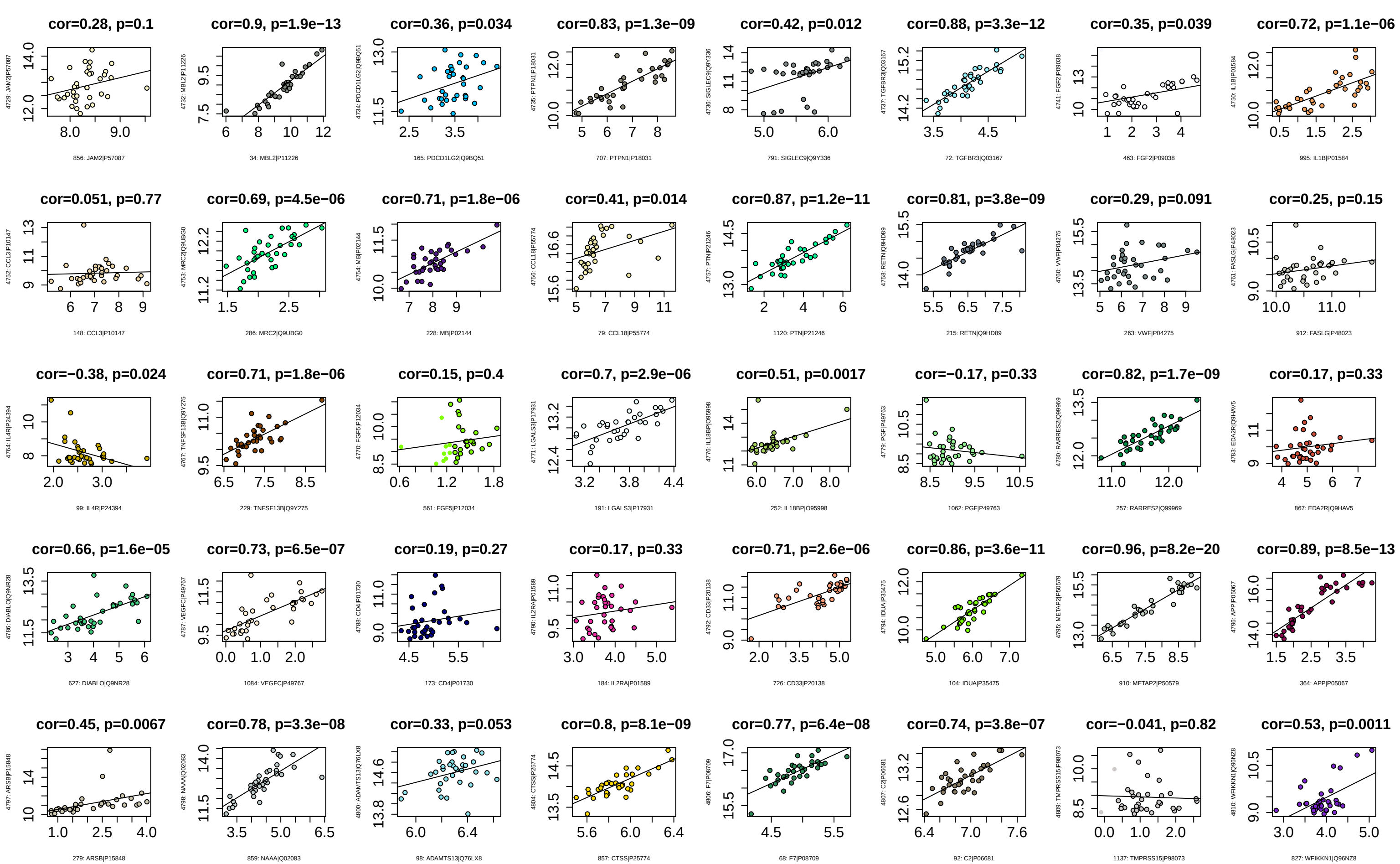


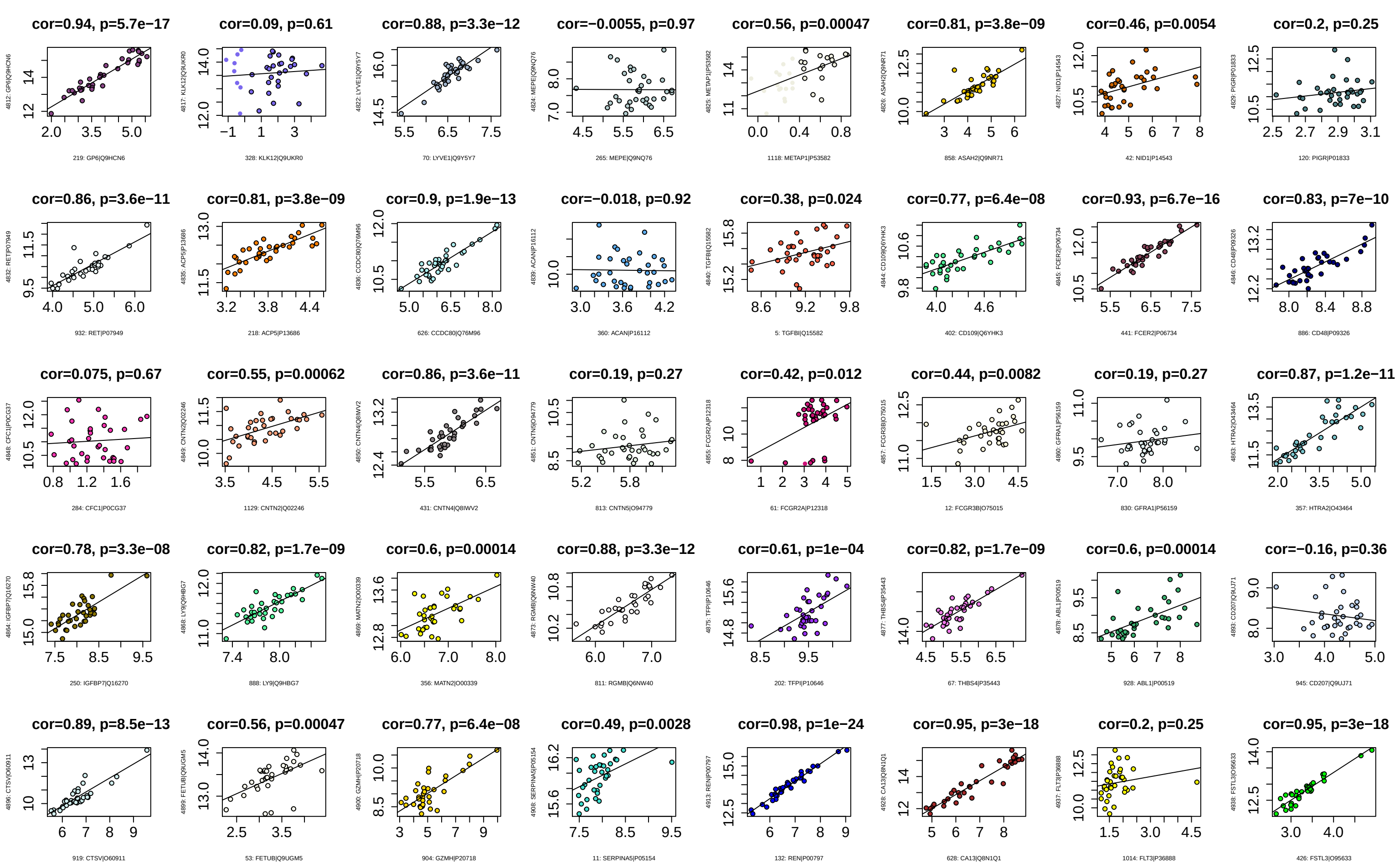


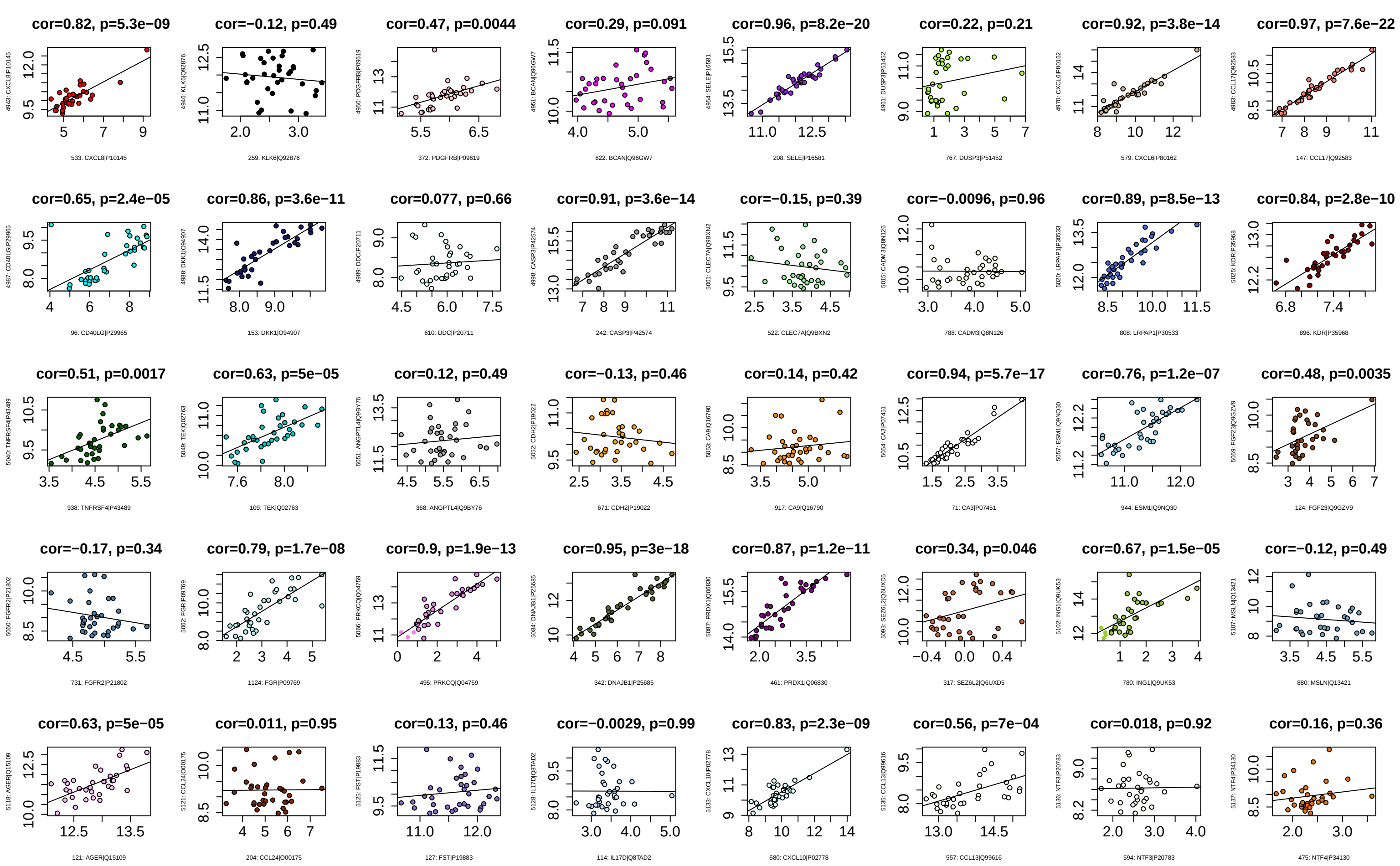


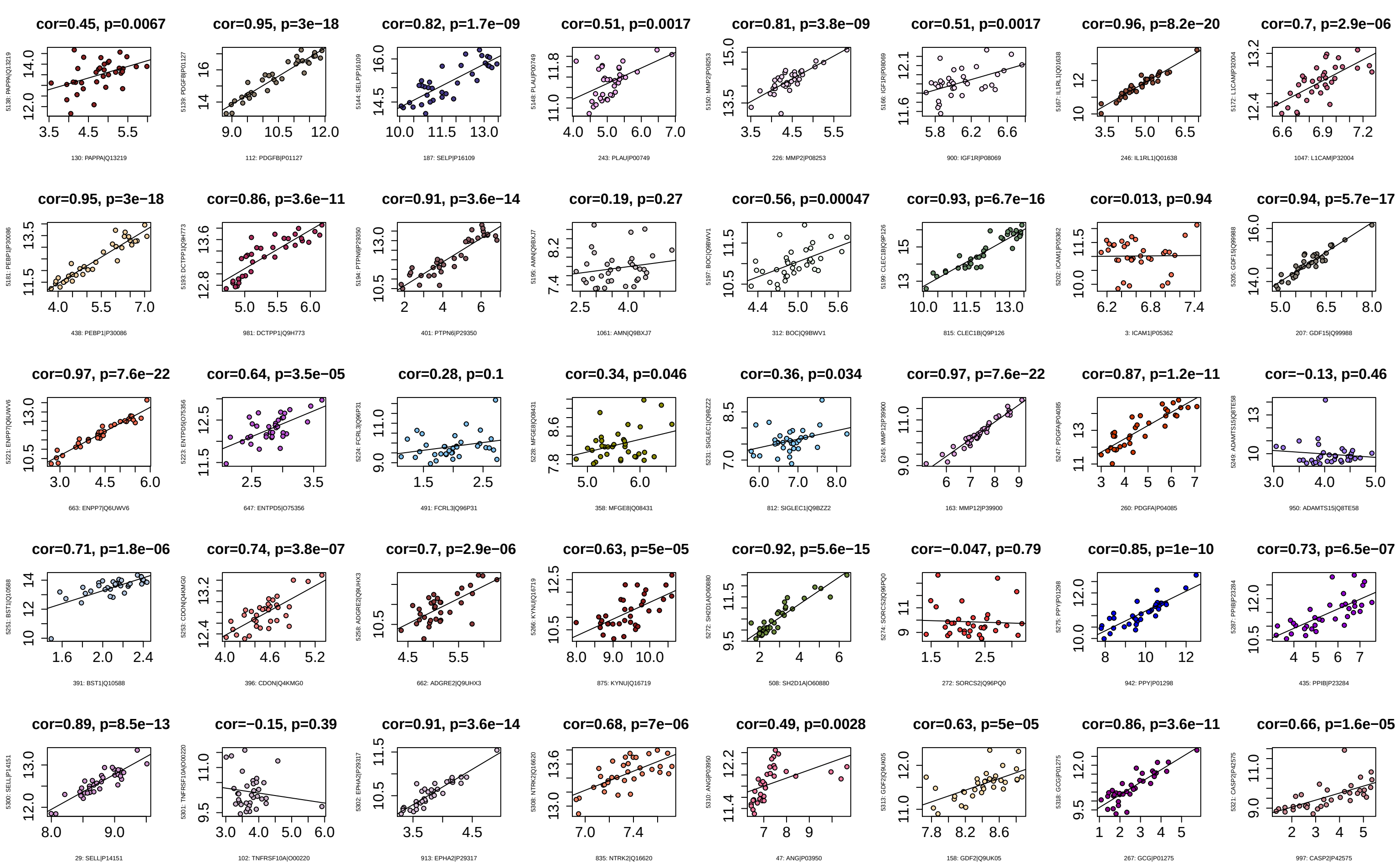


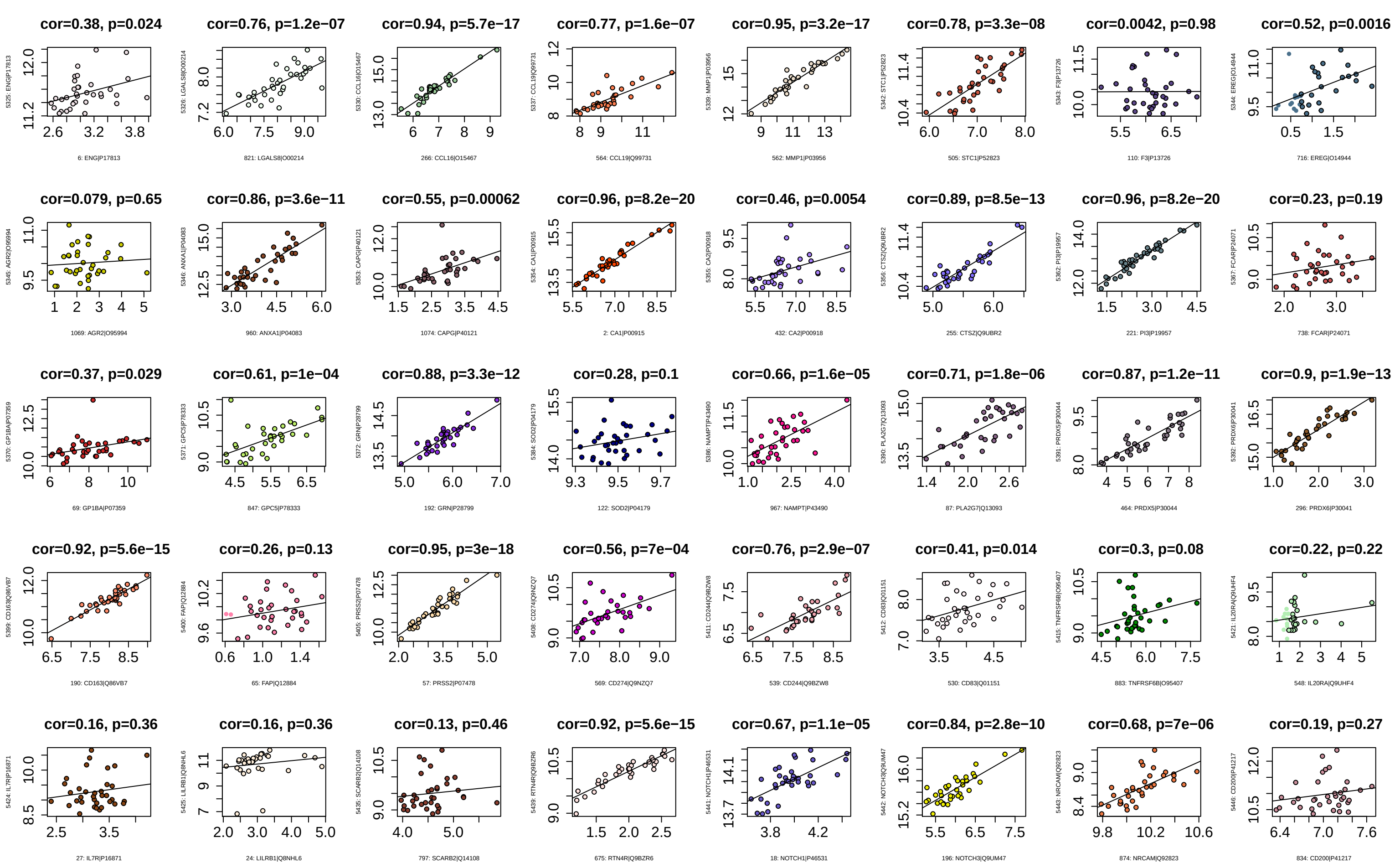


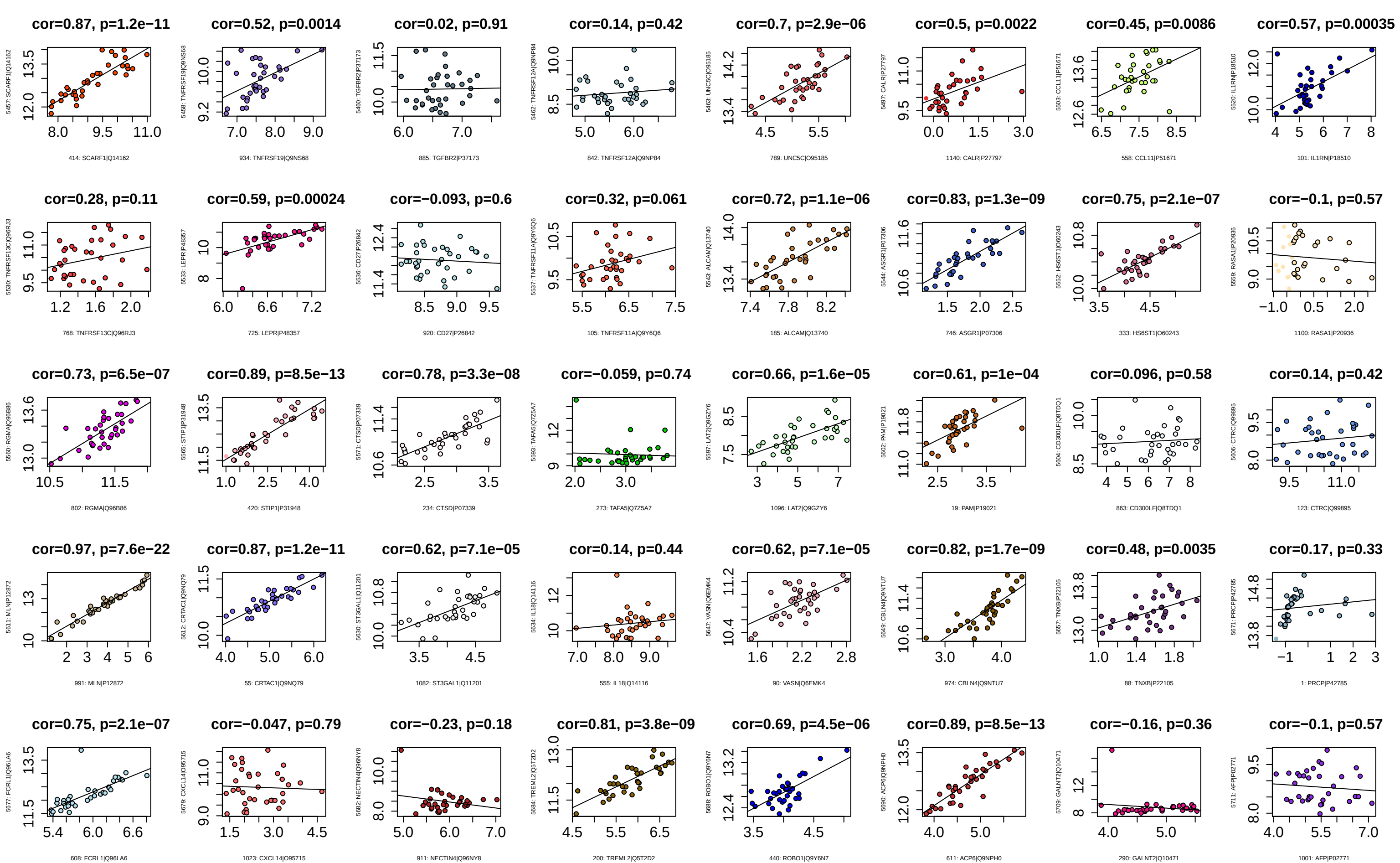


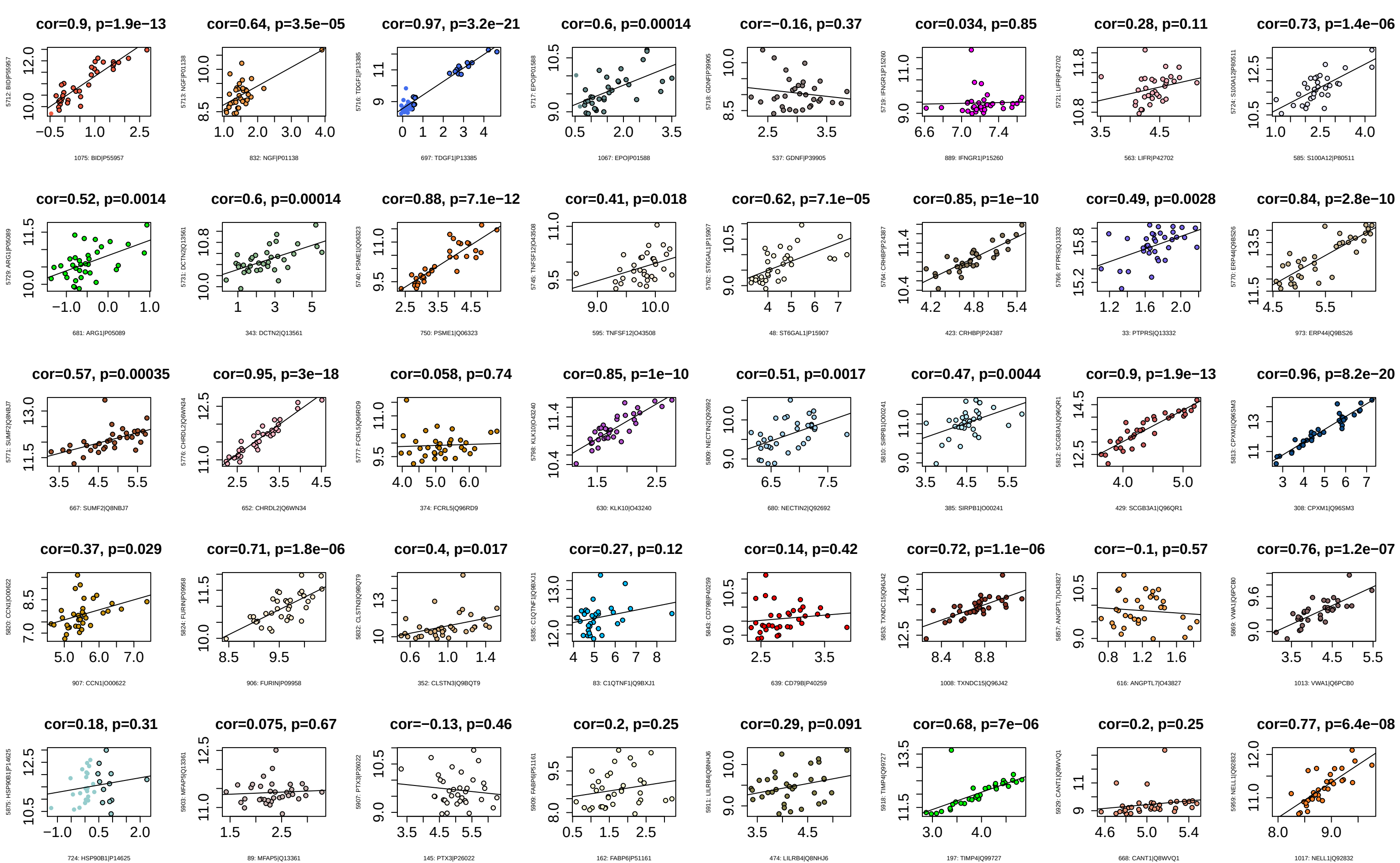


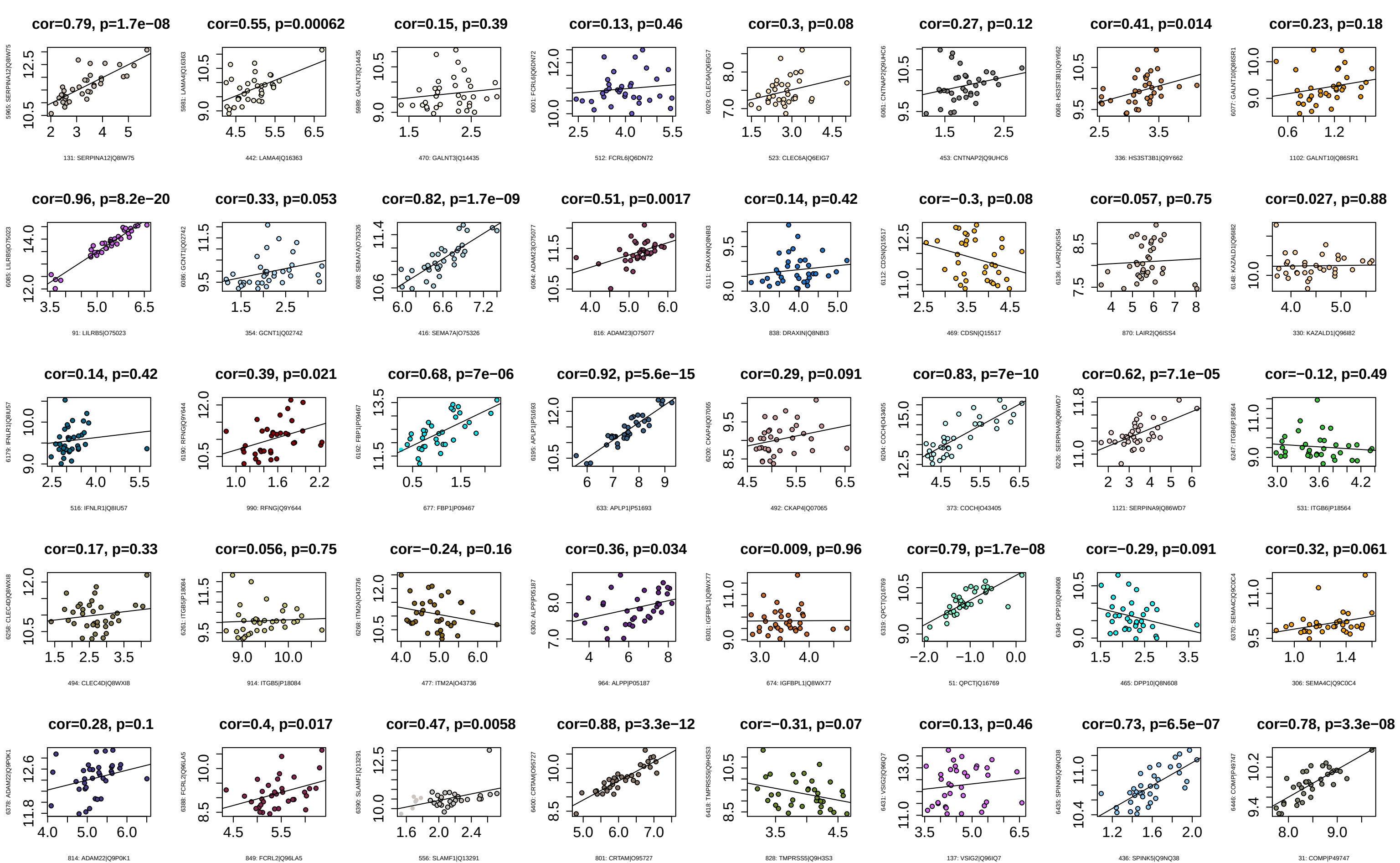


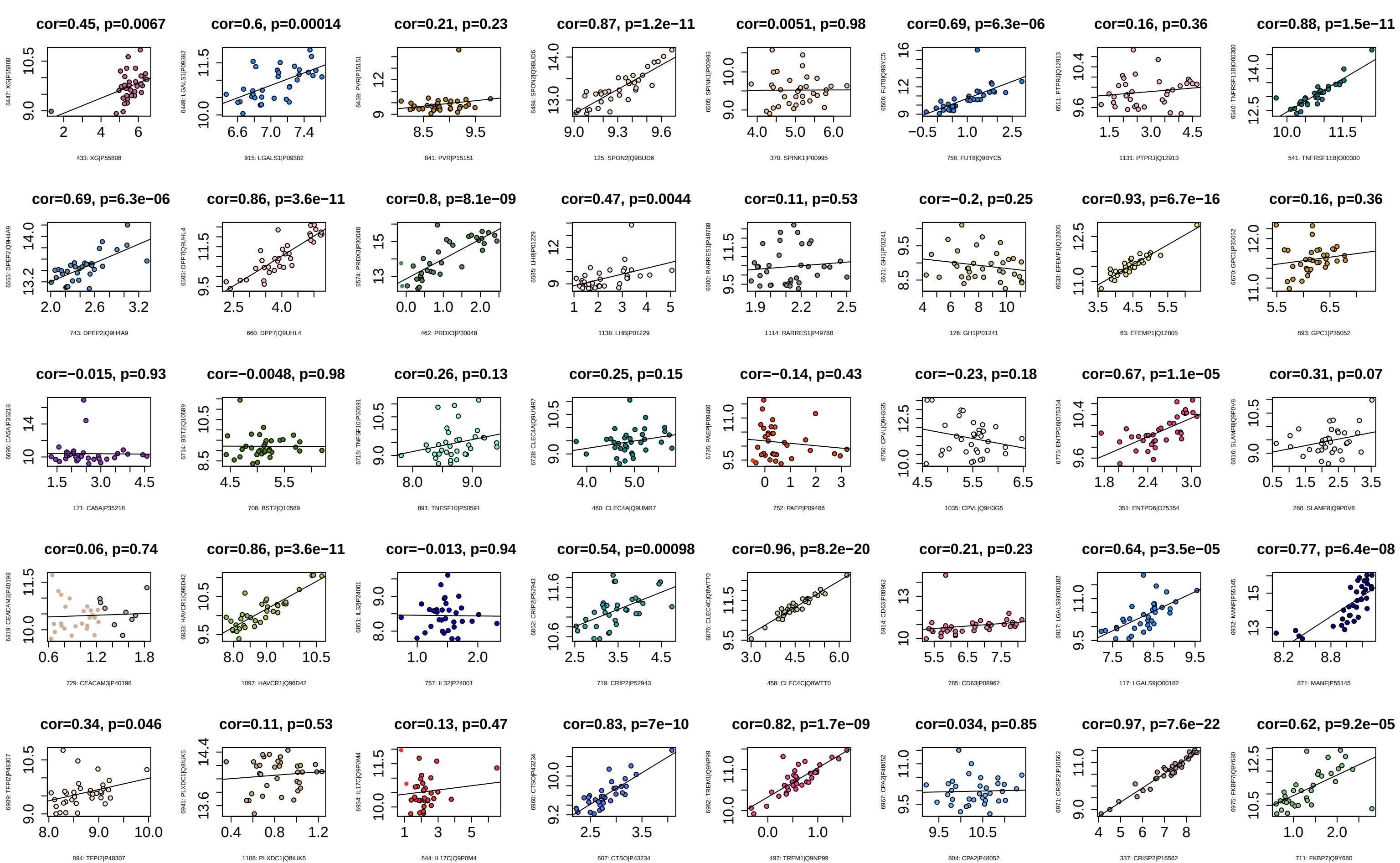


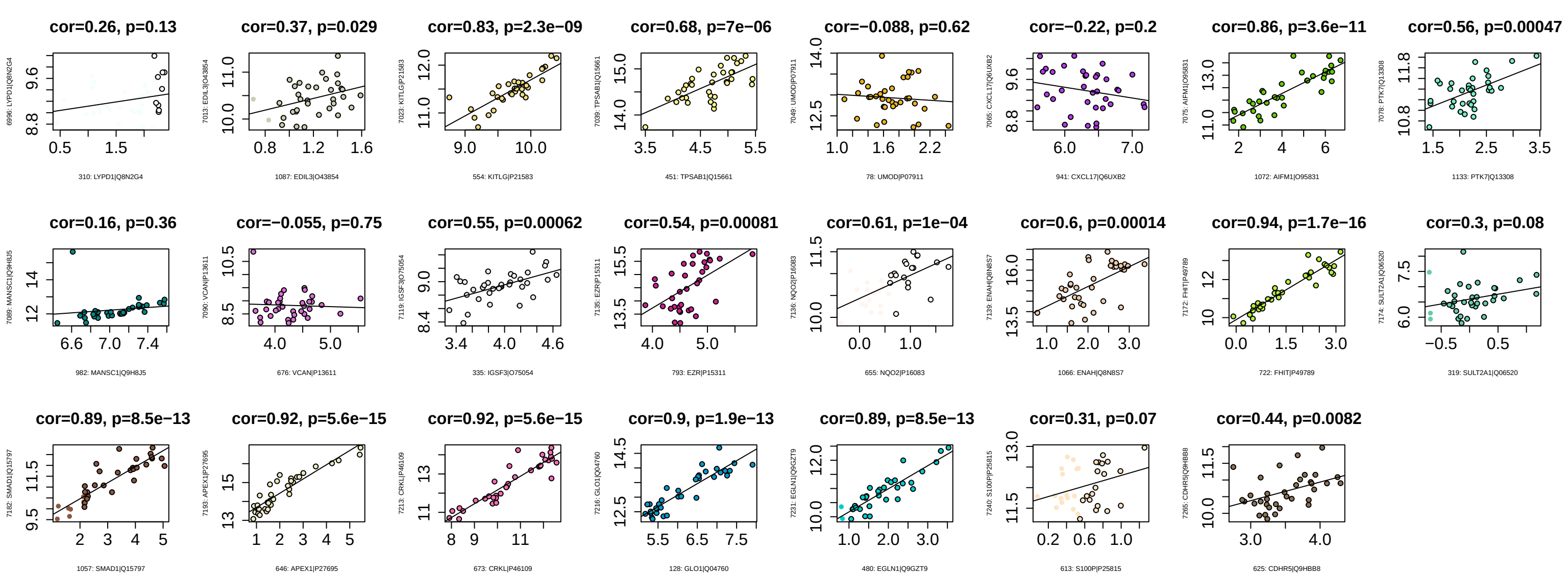


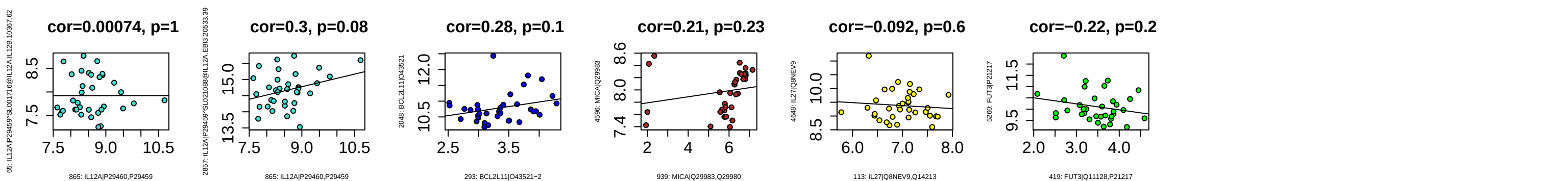








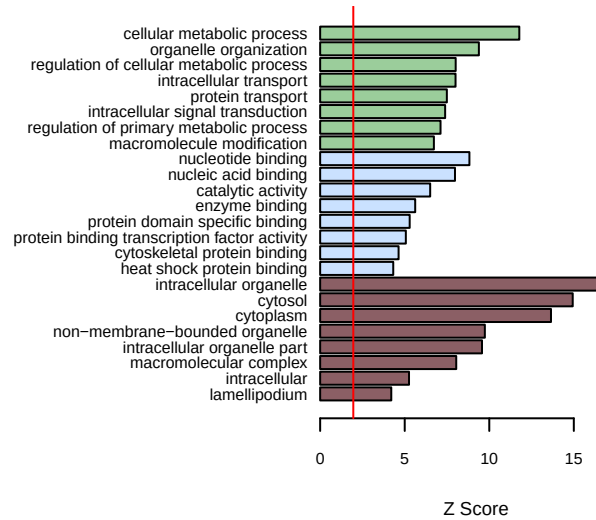




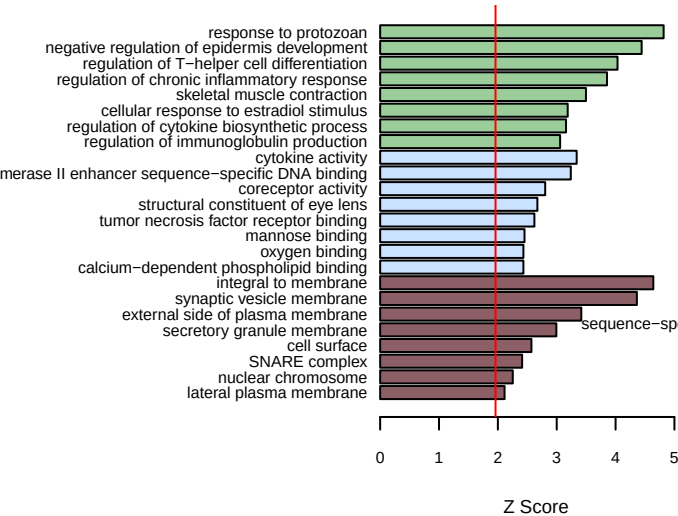
Ontology Types

- Biological Process
- Molecular Function
- Cellular Component

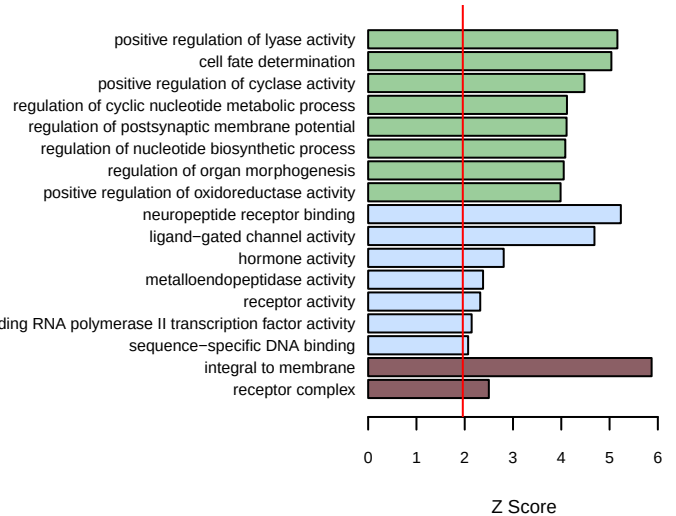
M1 turquoise



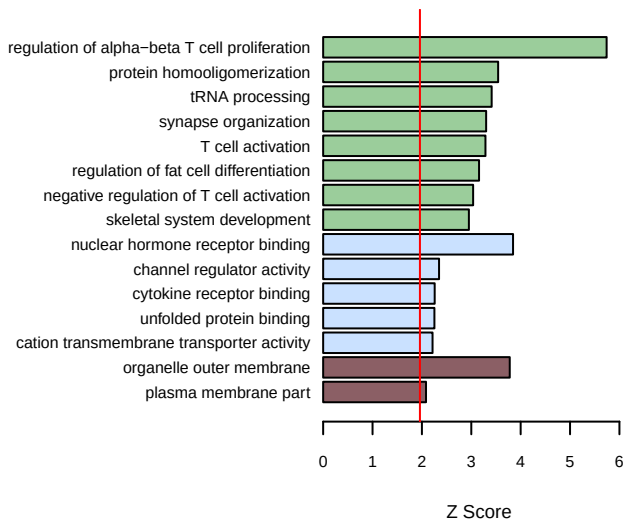
M2 blue



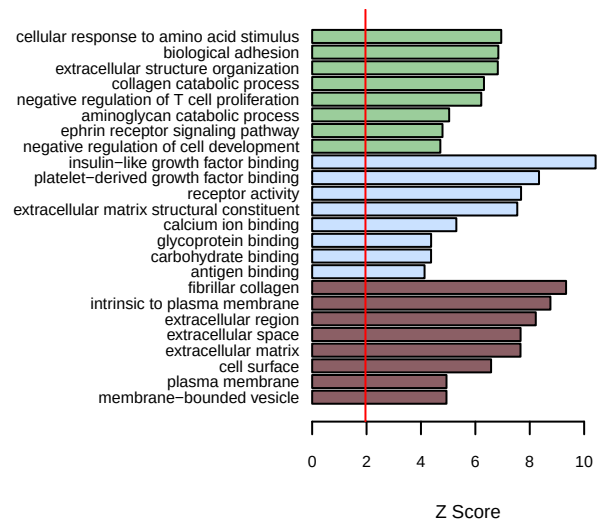
M3 brown



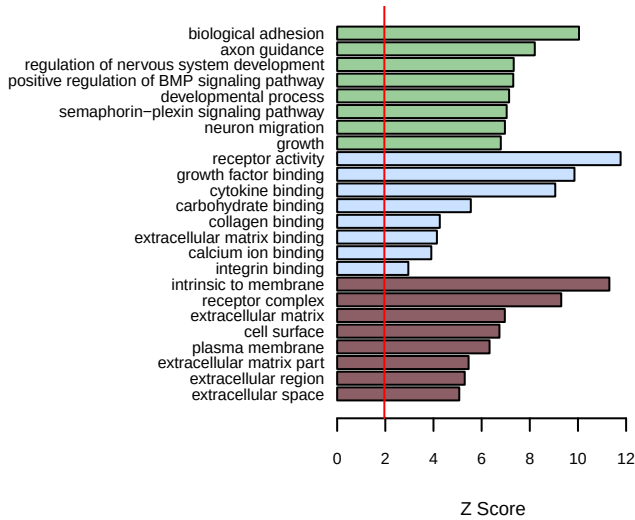
M4 yellow



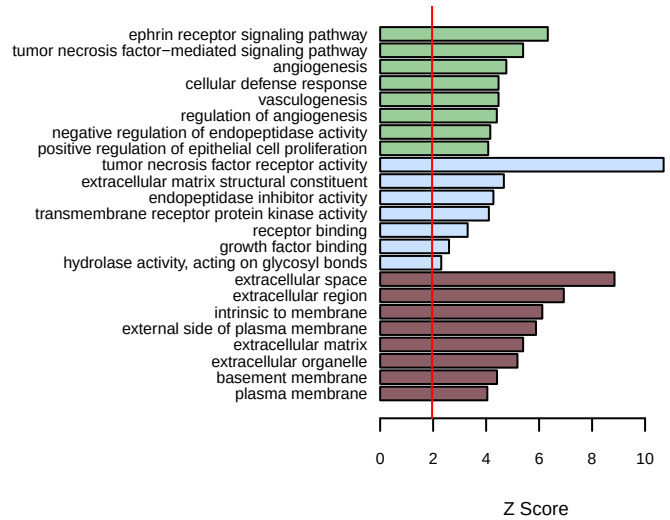
M5 green



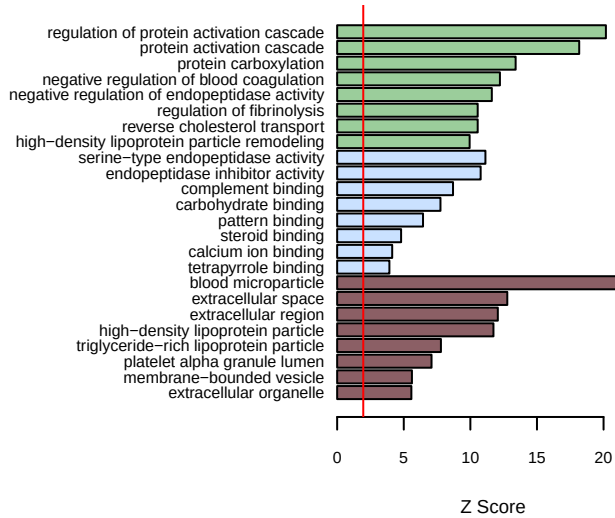
M6 red



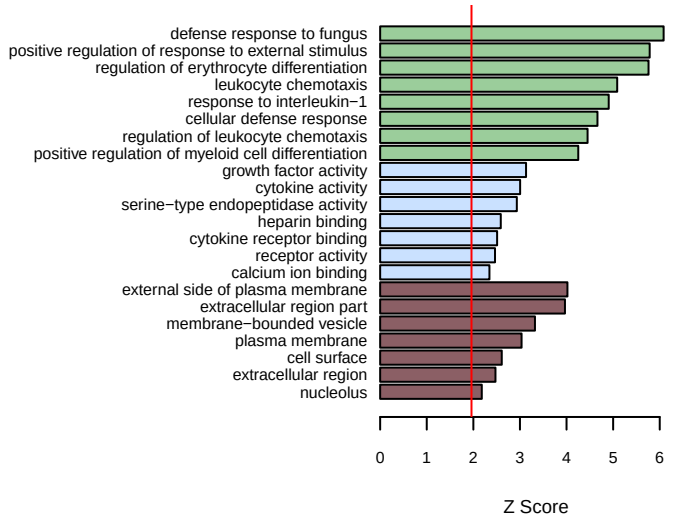
M7 black



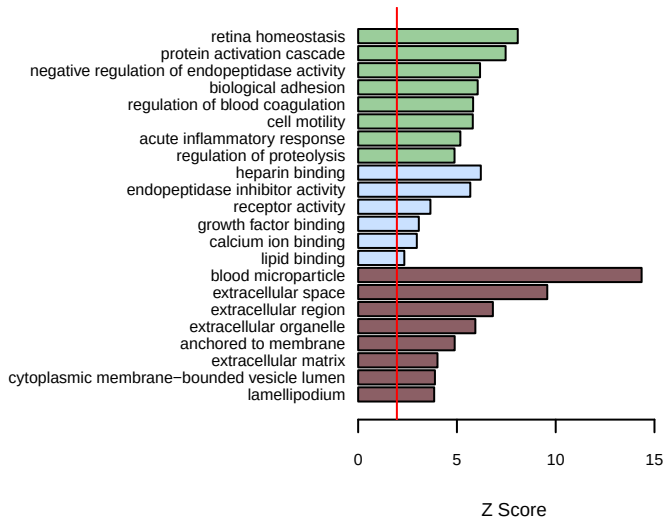
M8 pink



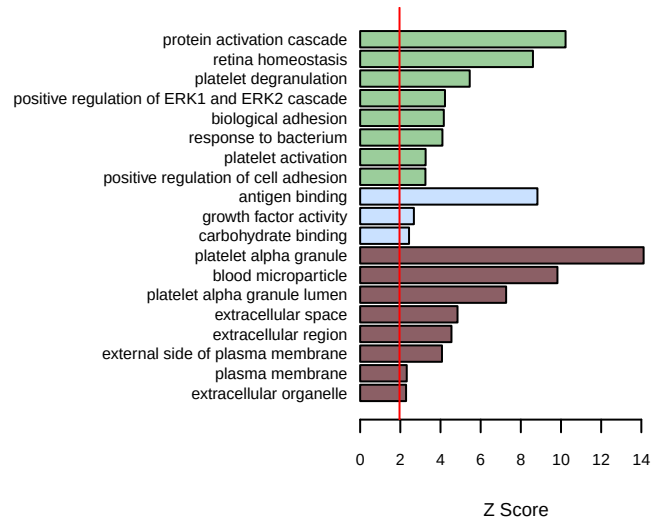
M9 magenta



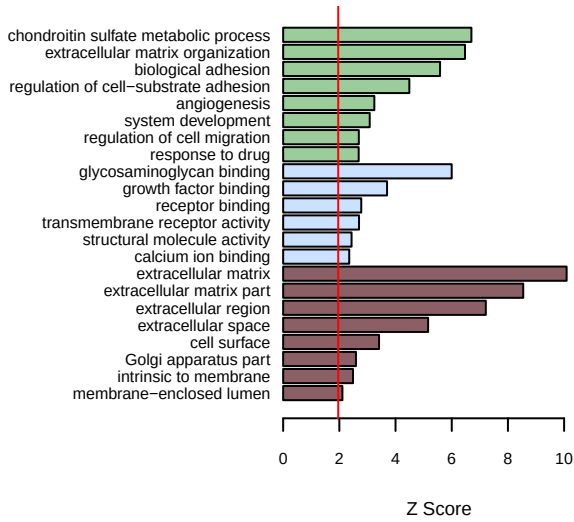
M10 purple



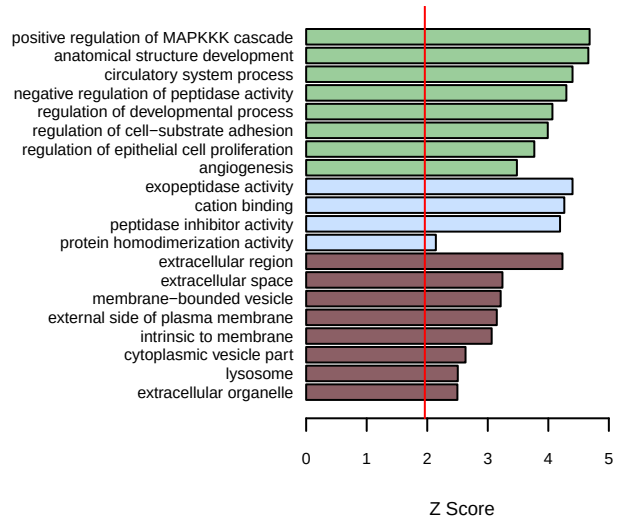
M11 greenyellow



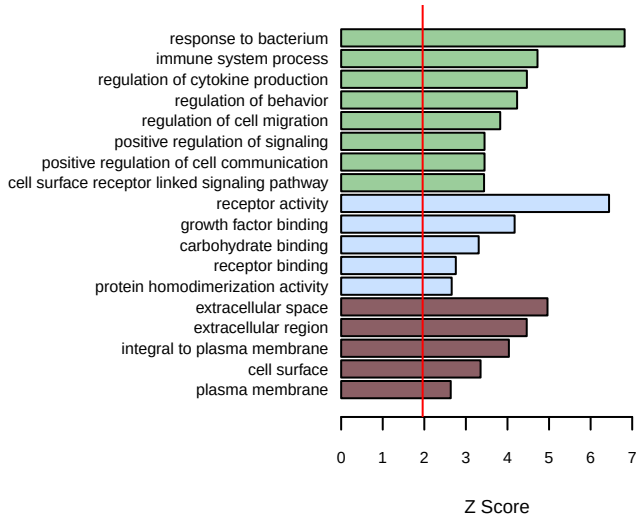
M12 tan



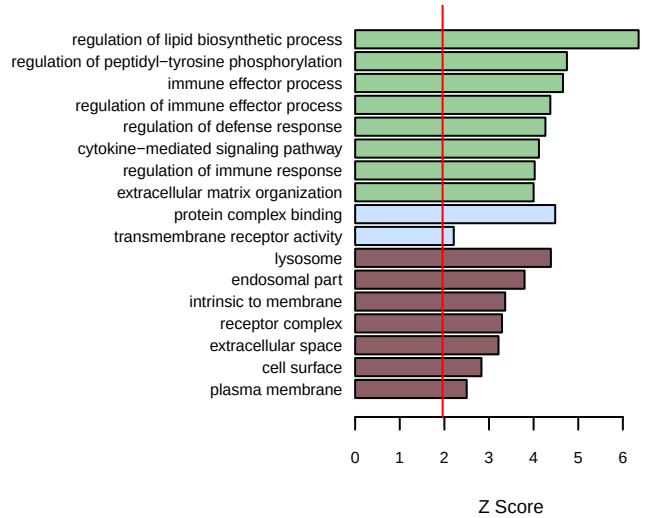
M13 salmon



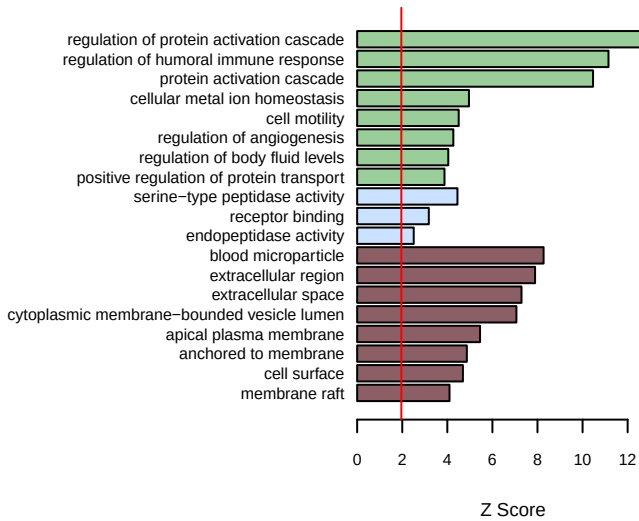
M14 cyan



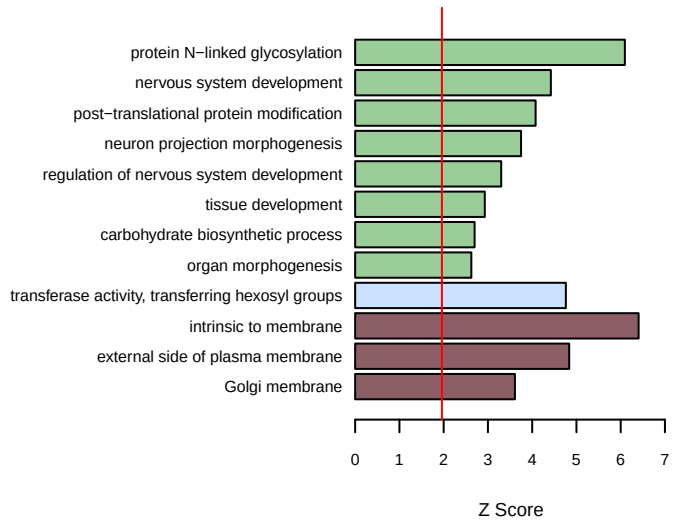
M15 midnightblue



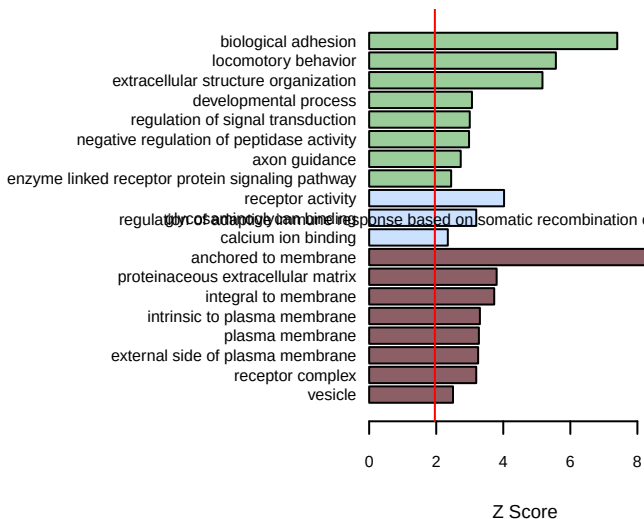
M16 lightcyan



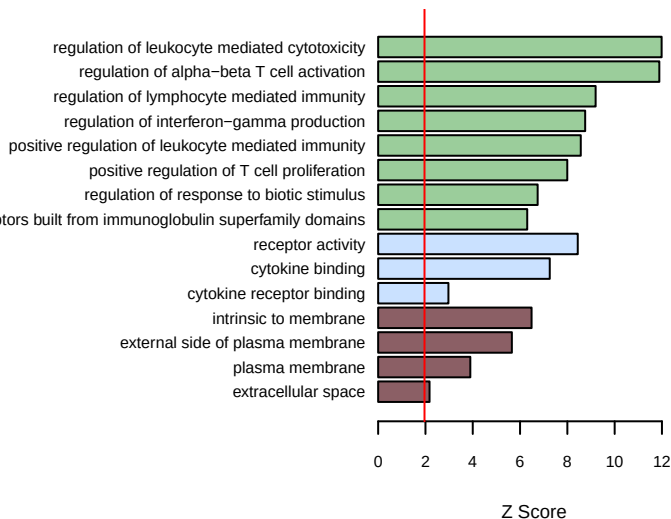
M17 grey60



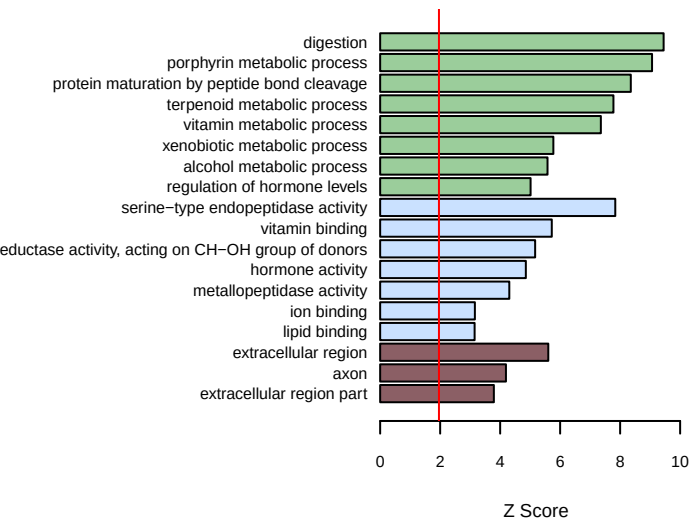
M18 lightgreen



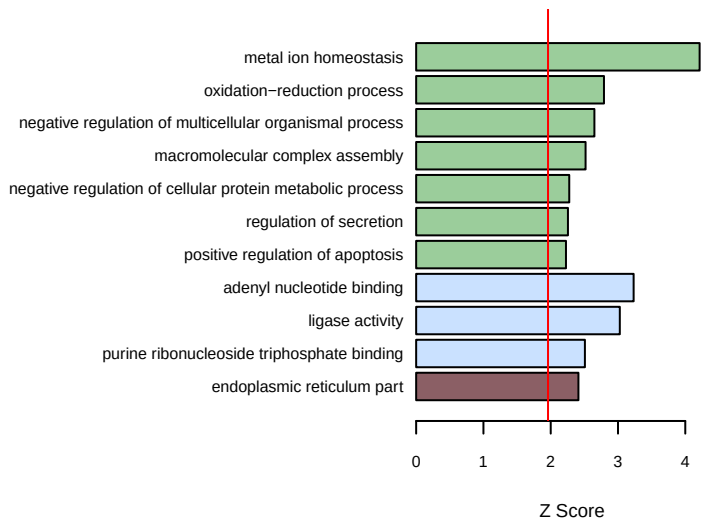
M19 lightyellow



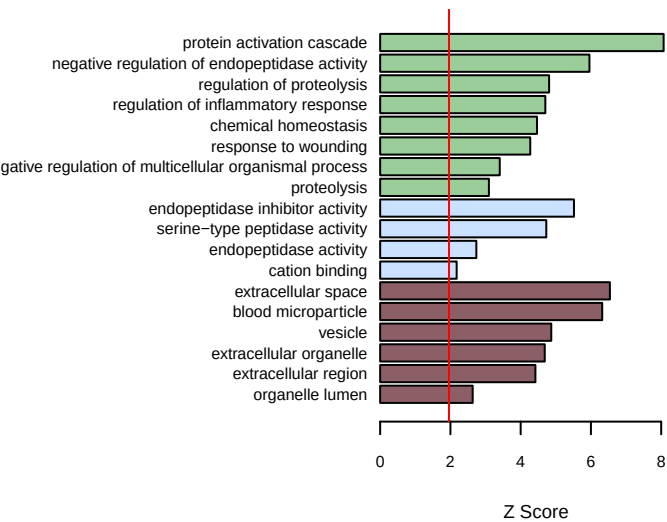
M20 royalblue



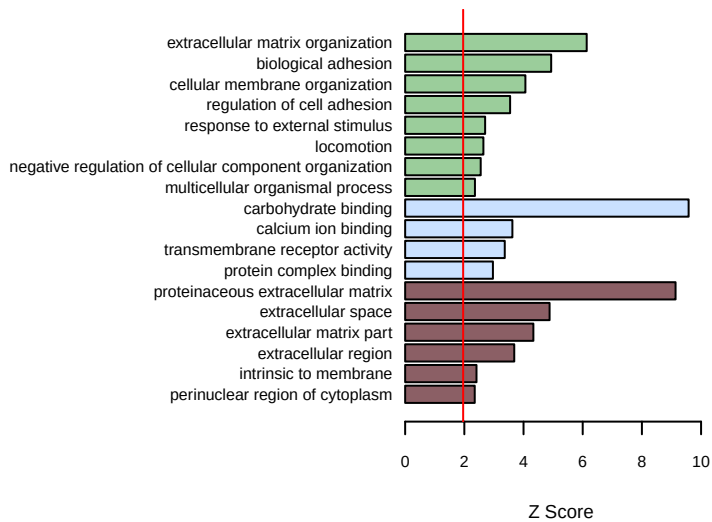
M21 darkred



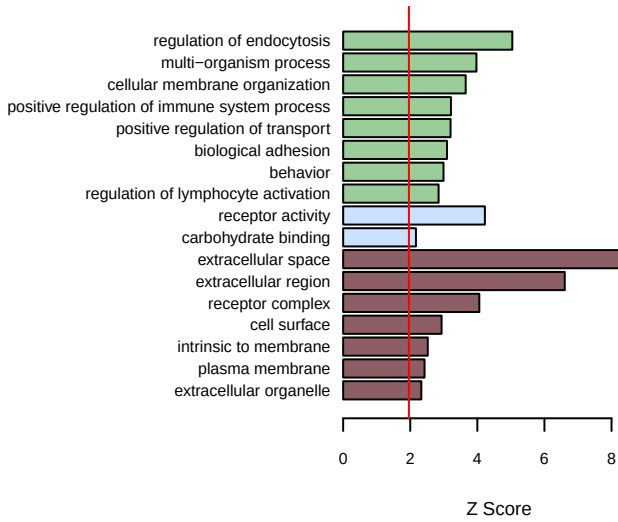
M22 darkgreen



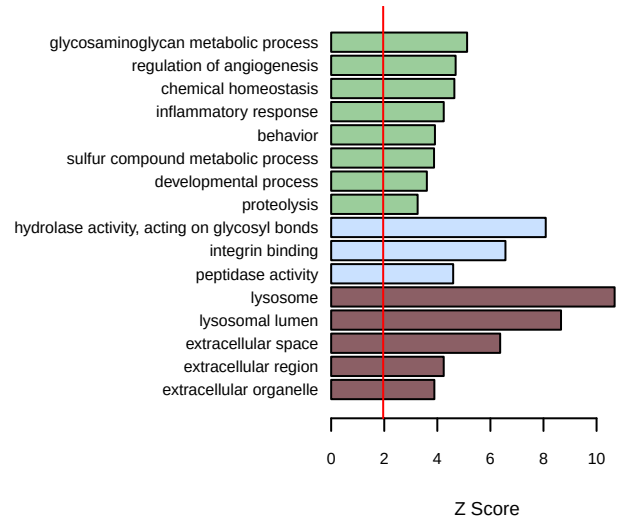
M23 darkturquoise



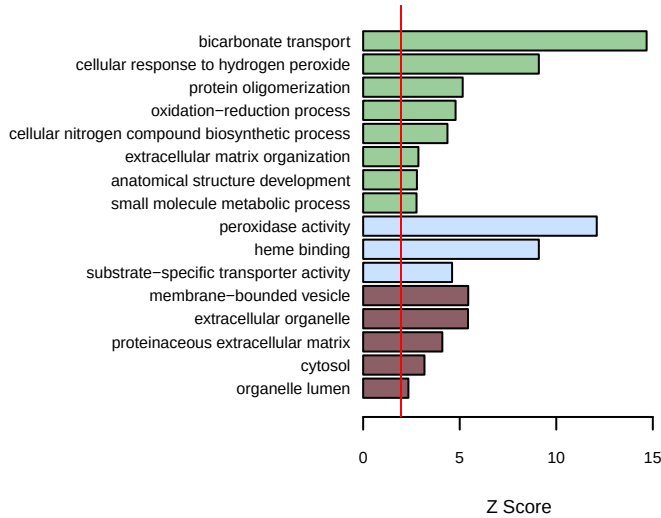
M24 darkgrey



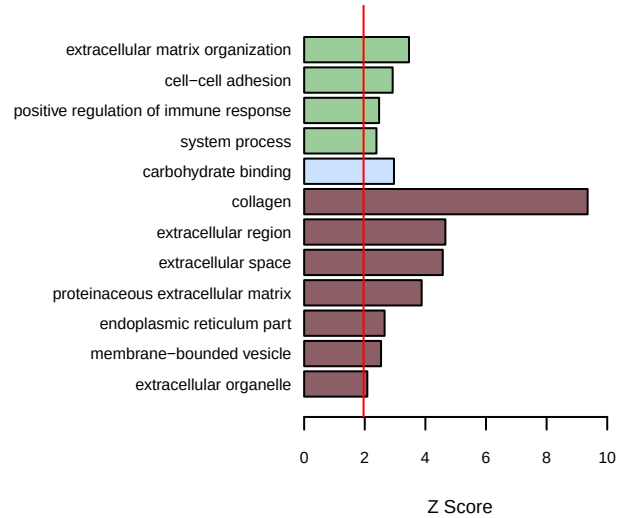
M25 orange



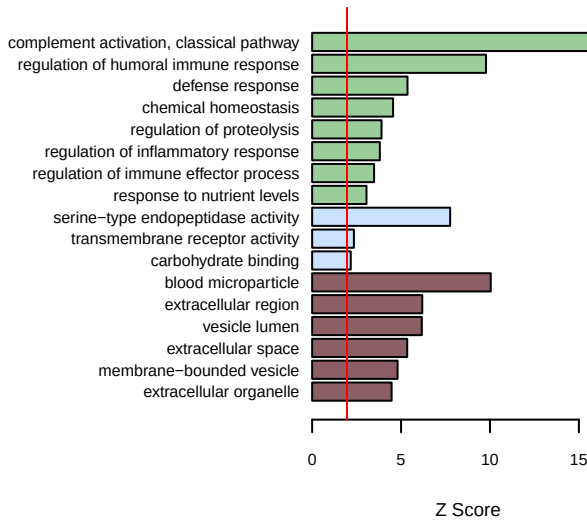
M26 darkorange



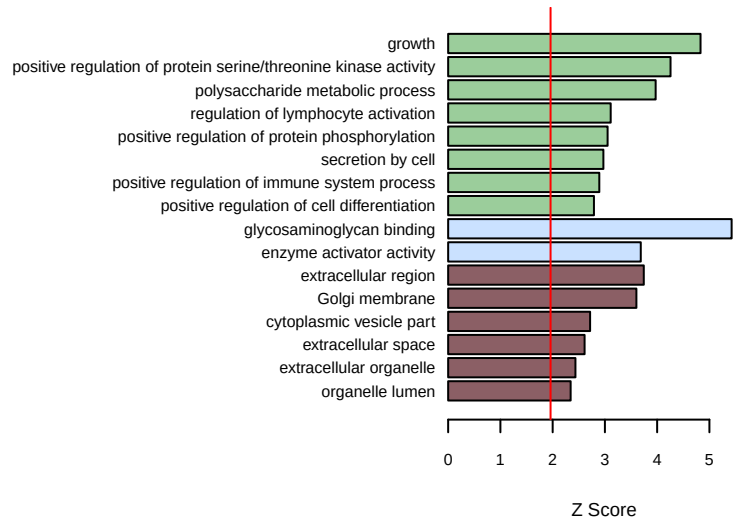
M27 white



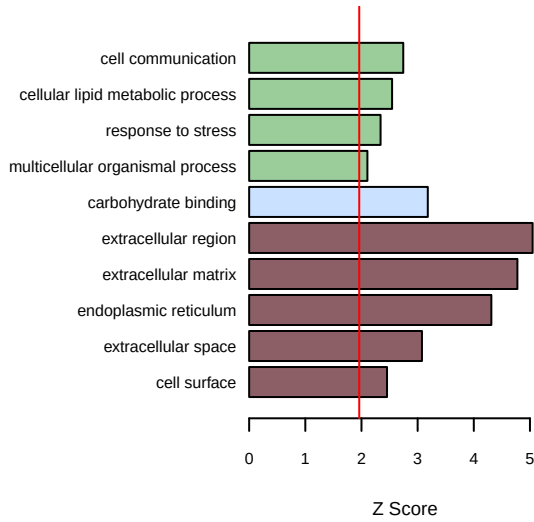
M28 skyblue



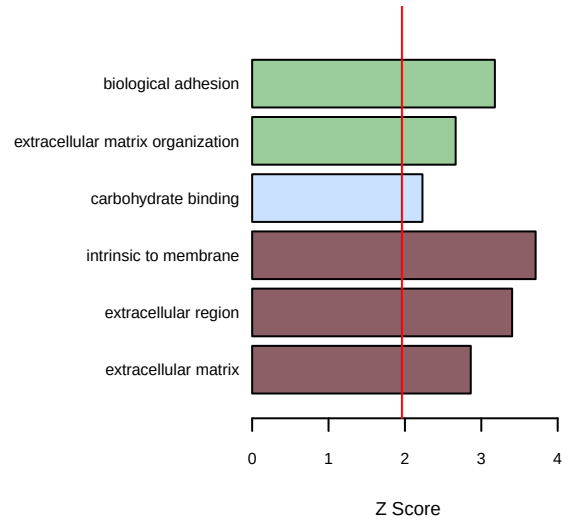
M29 saddlebrown



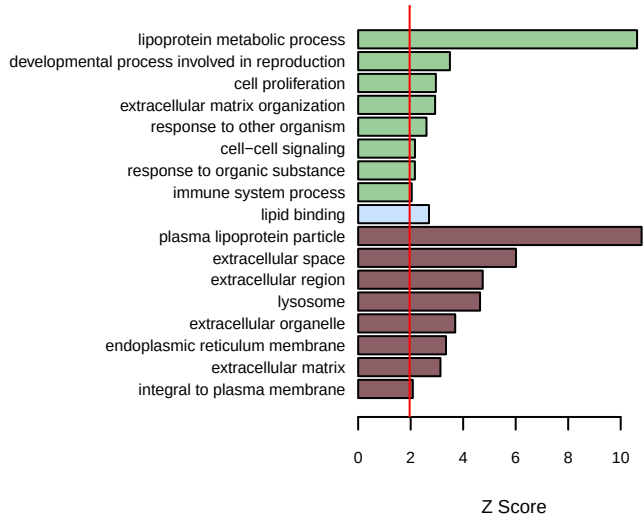
M30 steelblue



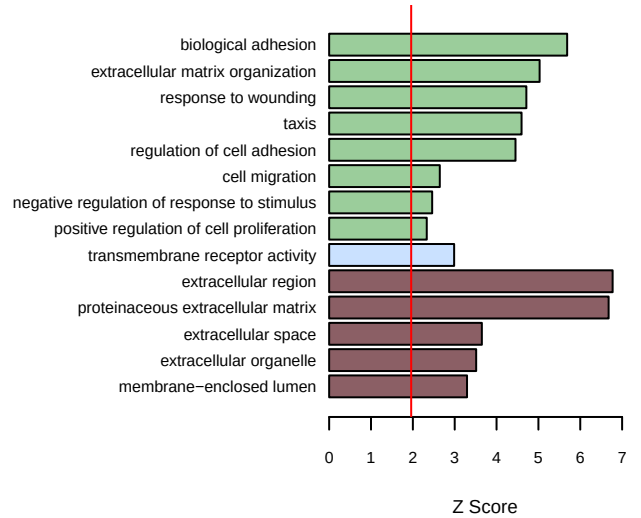
M31 paleturquoise



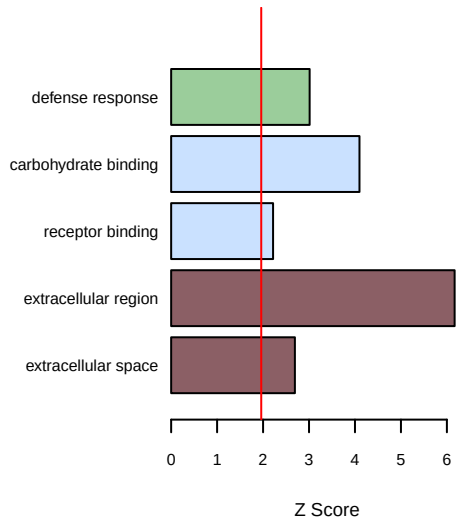
M32 violet



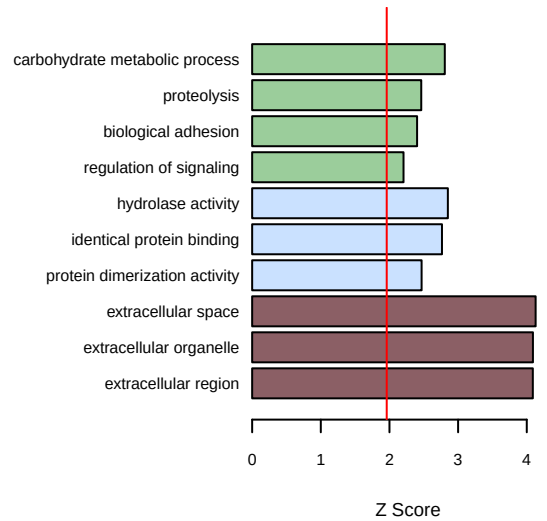
M33 darkolivegreen

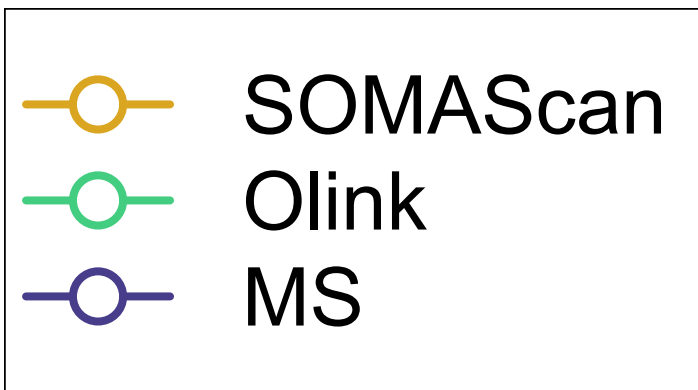


M34 darkmagenta

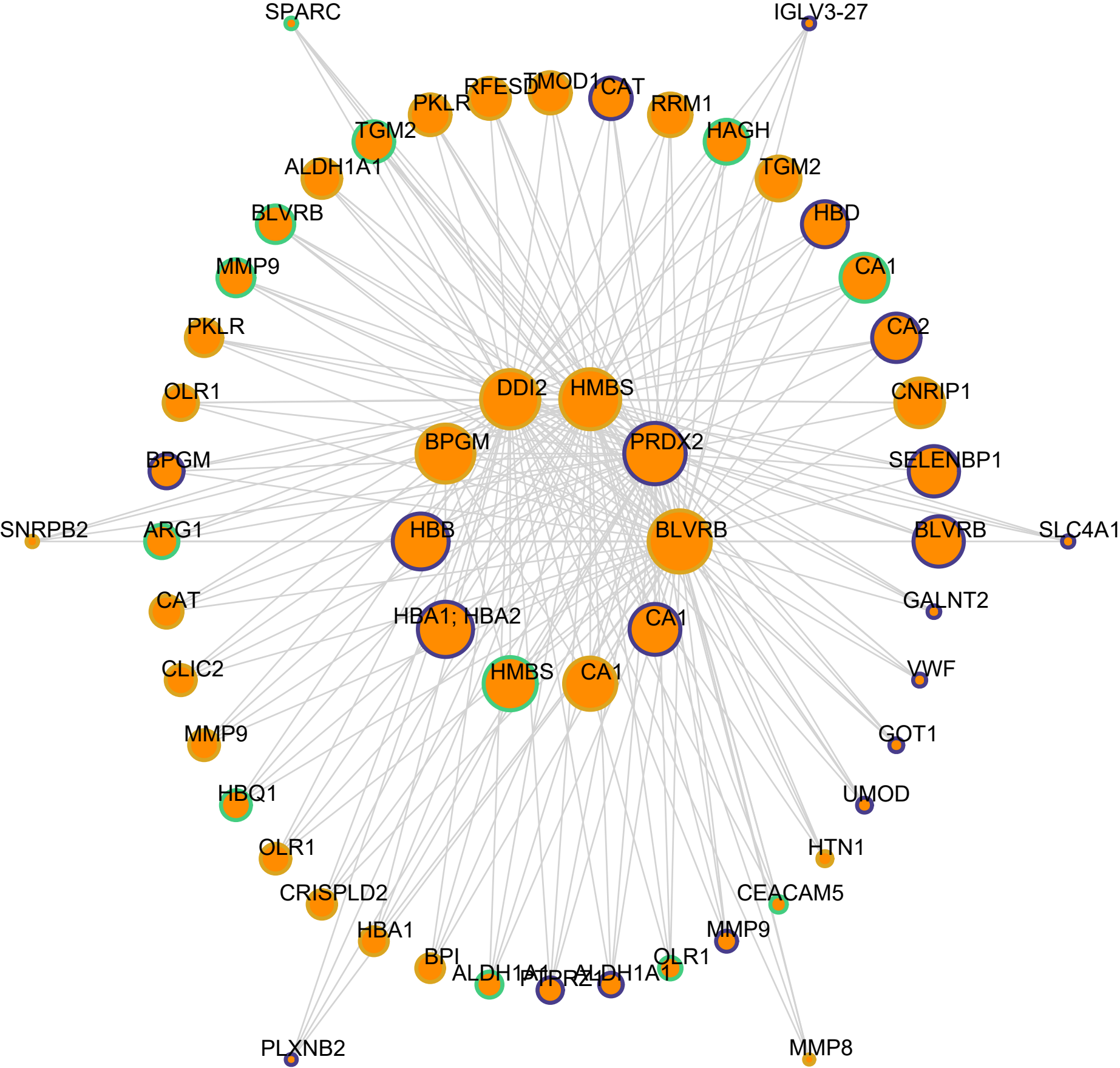


M35 sienna3

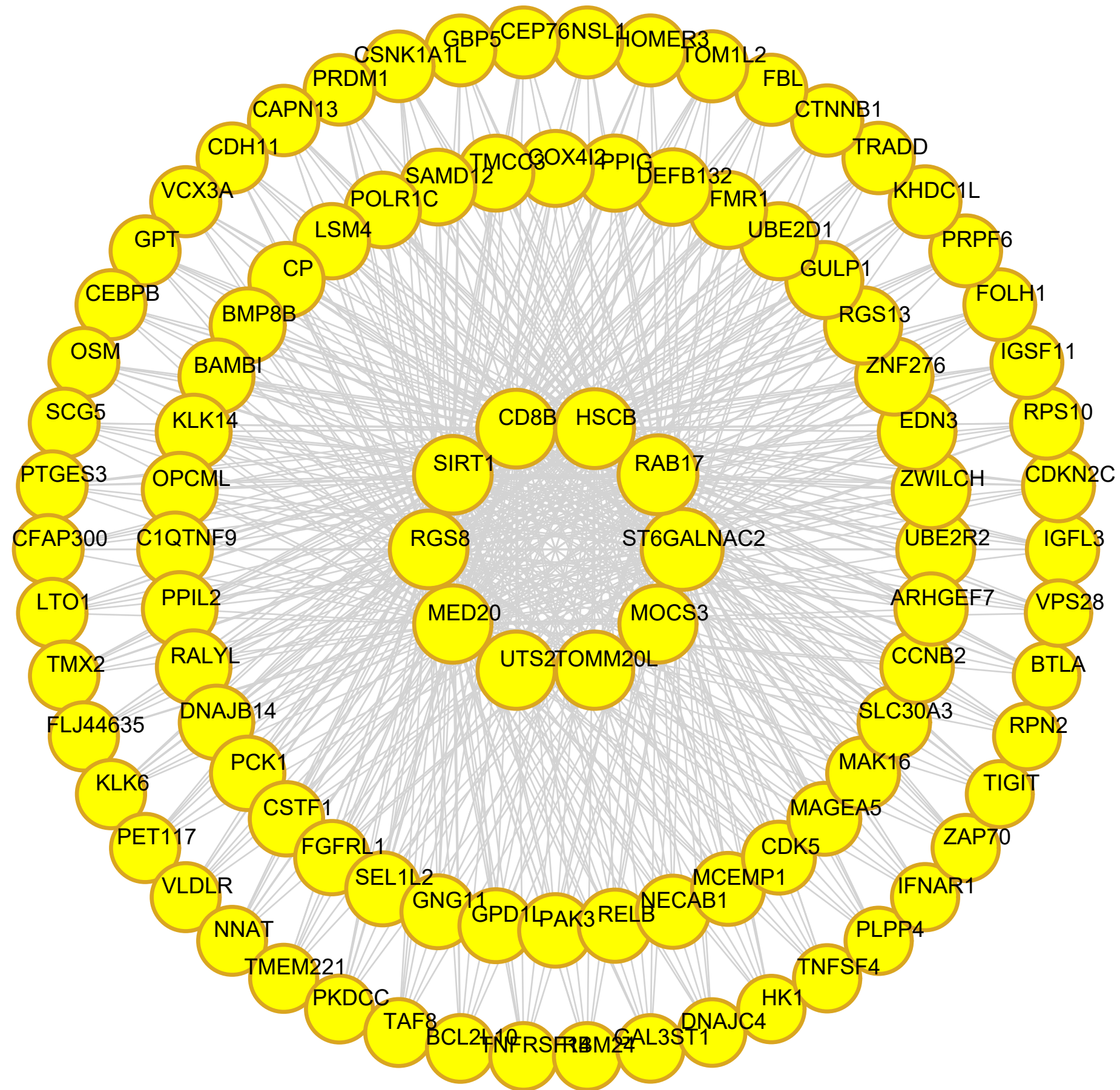




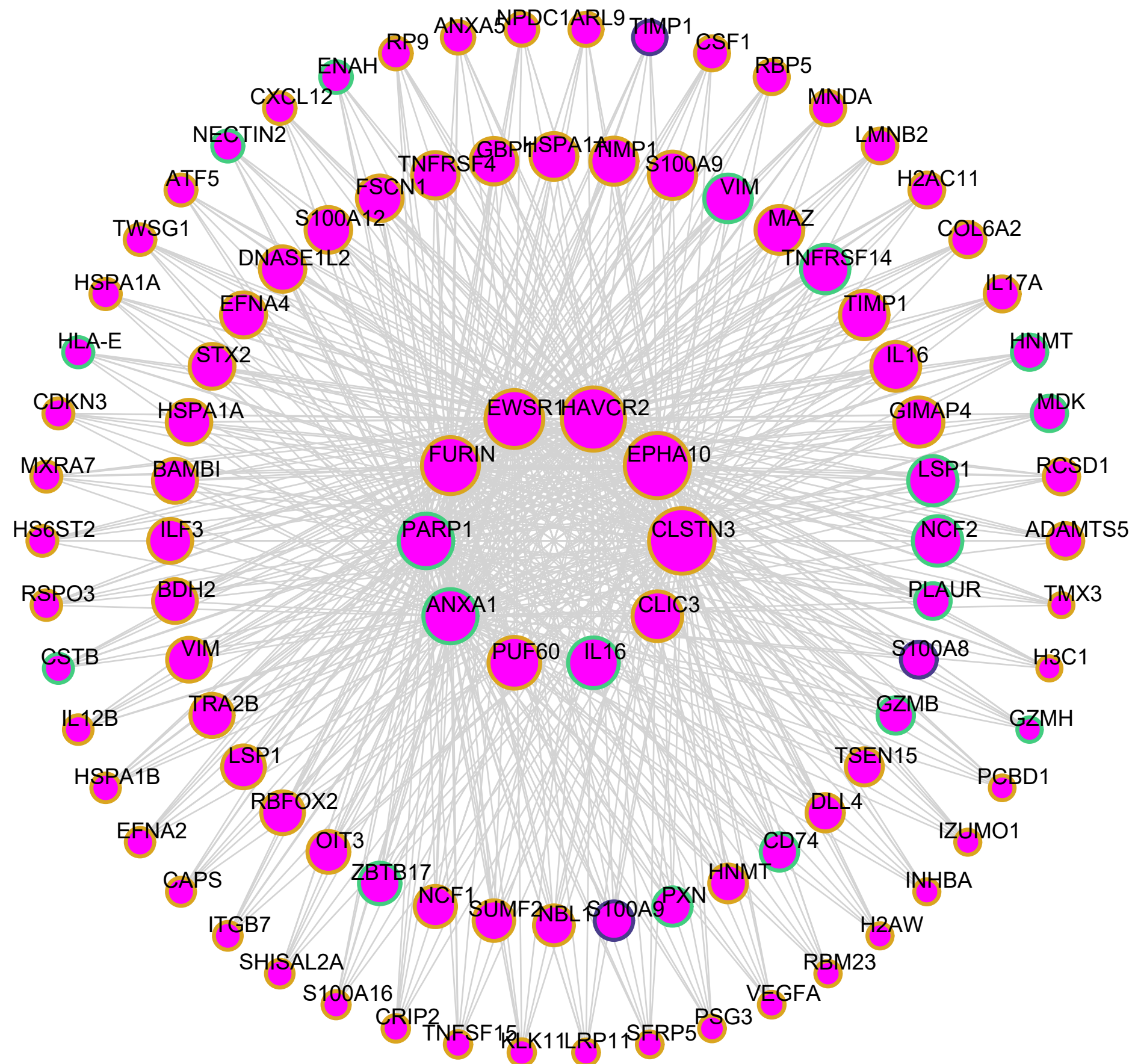
M26 darkorange module: Bicarbonate Transport/Peroxidase



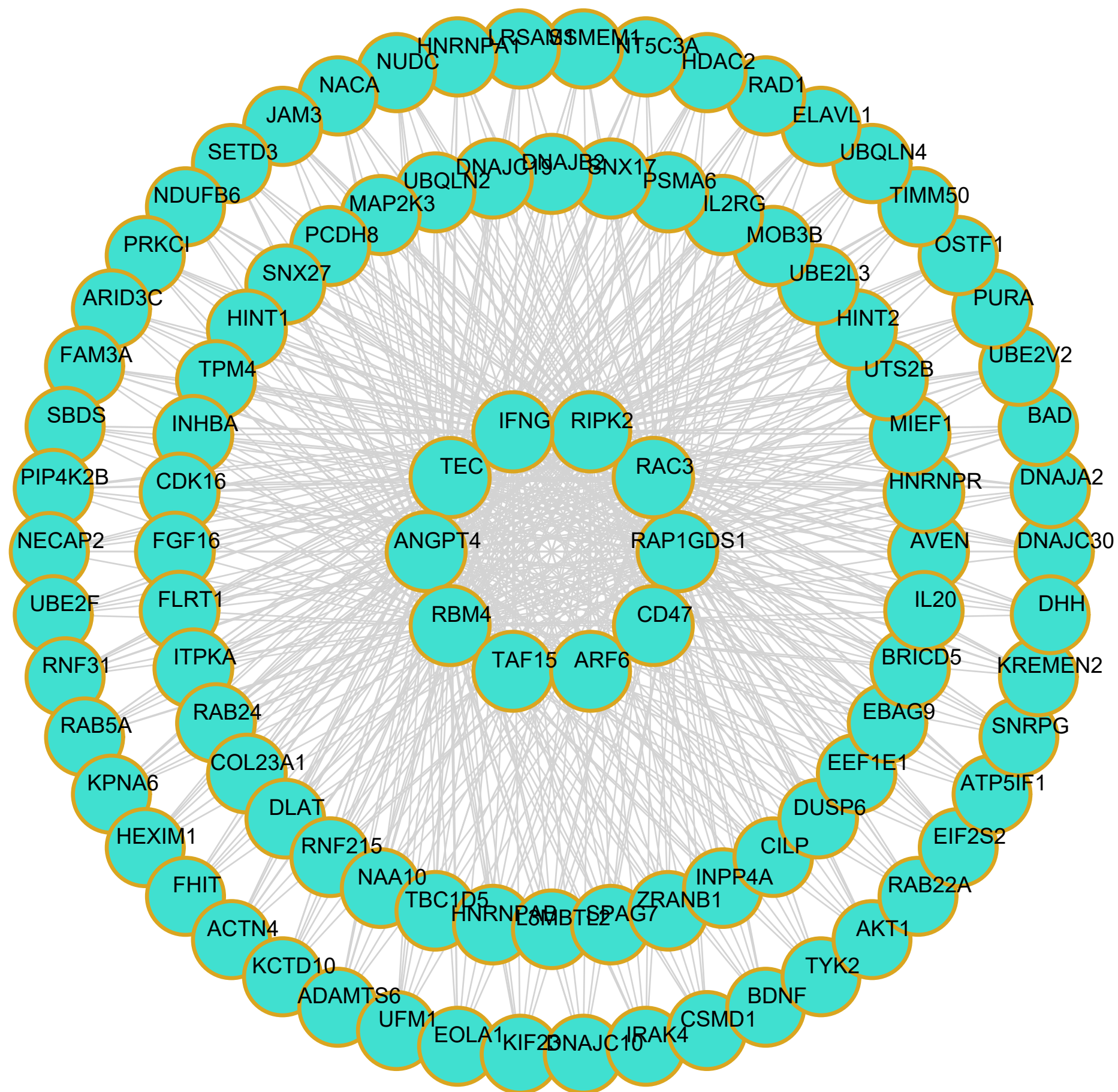
M4 yellow module: T Cell Regulation



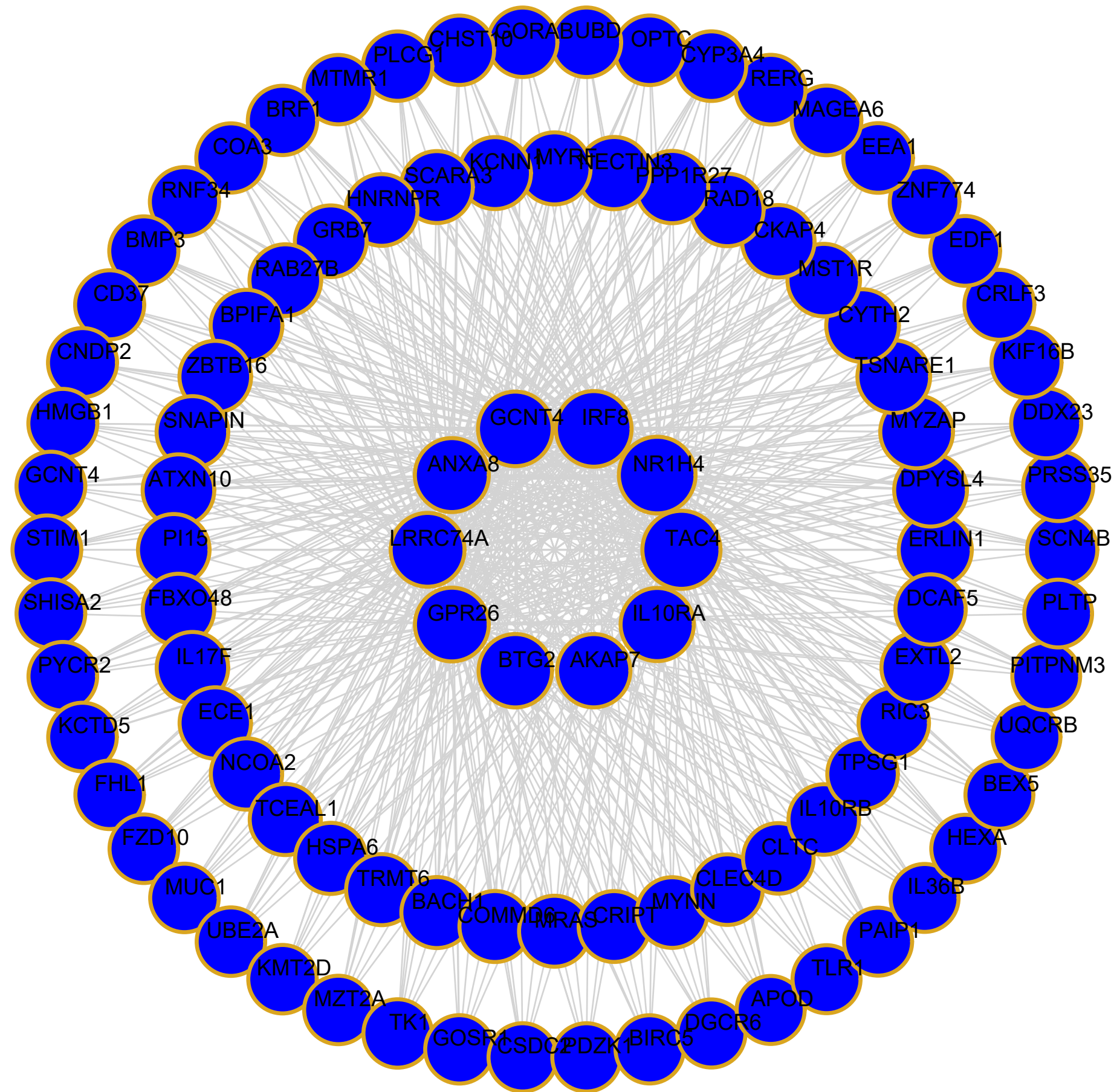
M9 magenta module: Leukocyte Chemotaxis



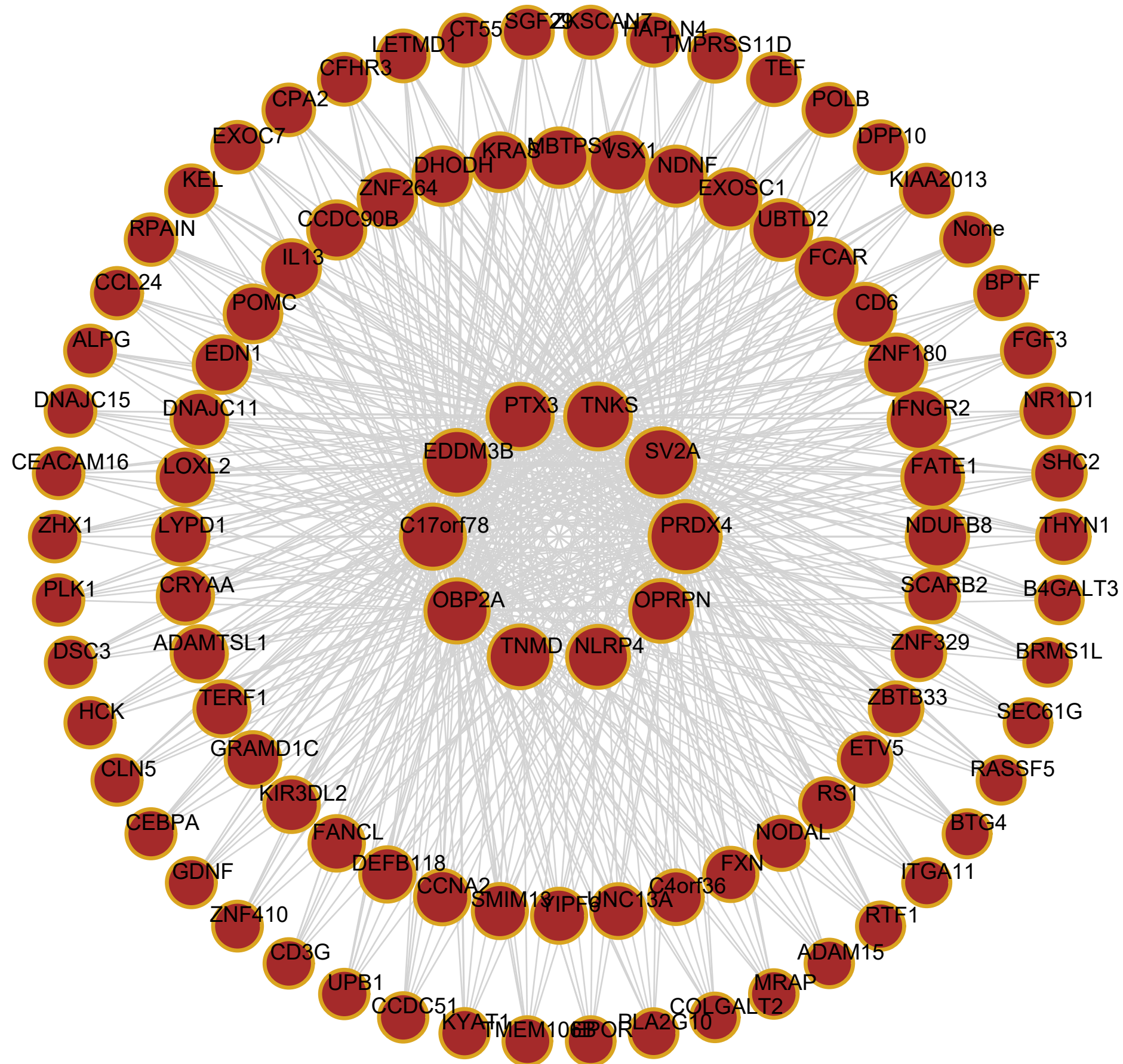
M1 turquoise module: Cellular Metabolism/Intracellular Transport



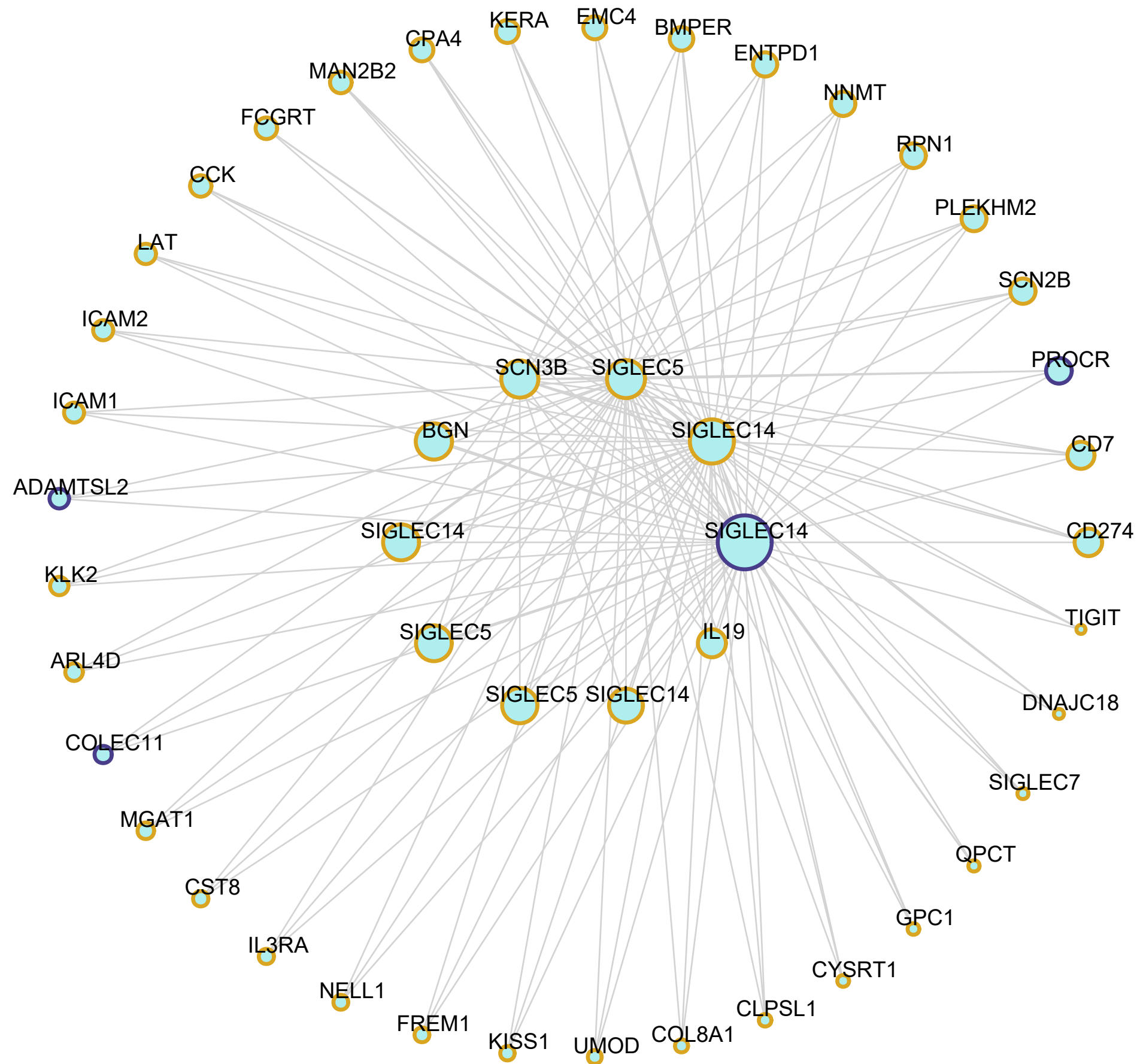
M2 blue module: Ambiguous



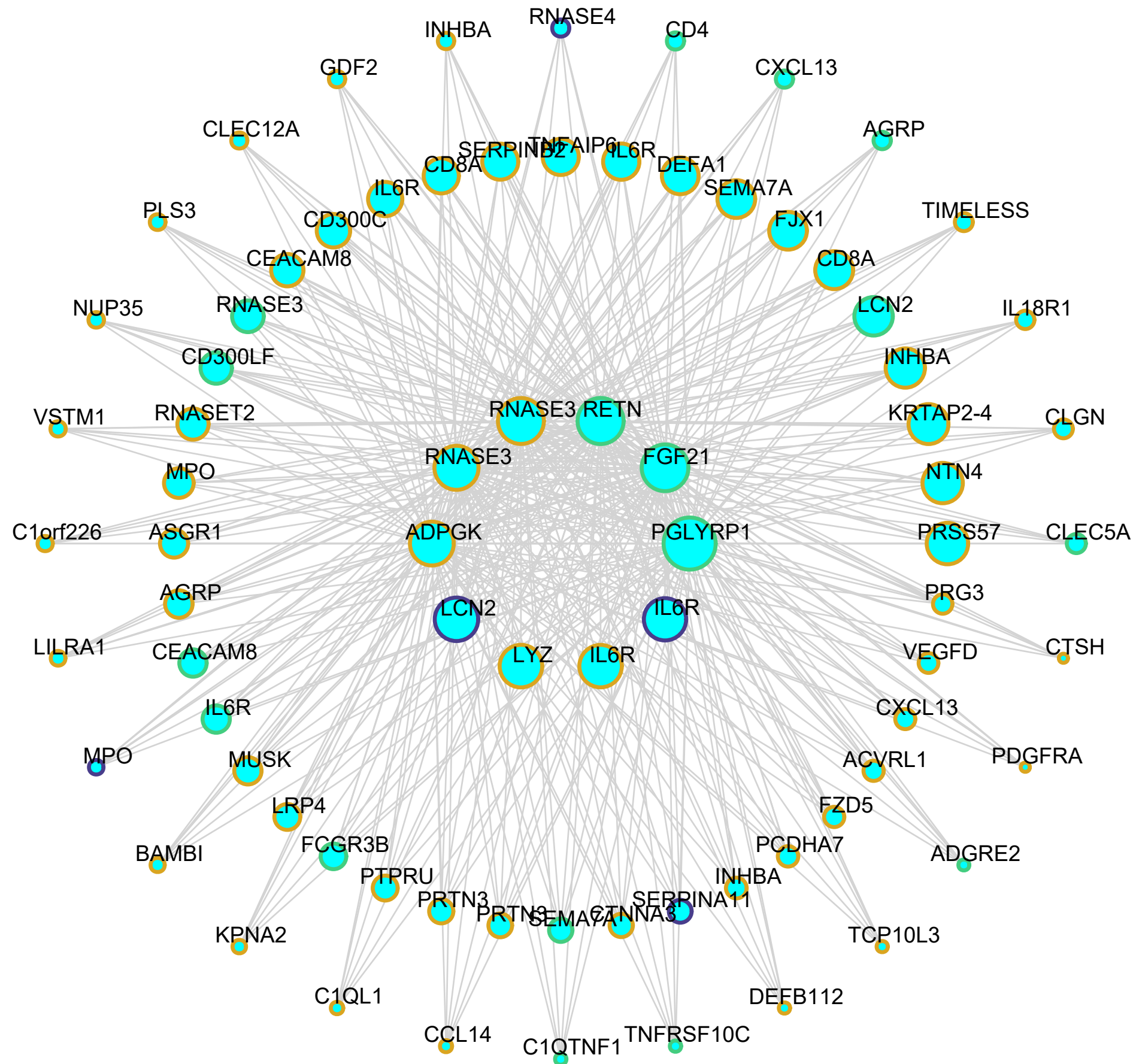
M3 brown module: Ambiguous



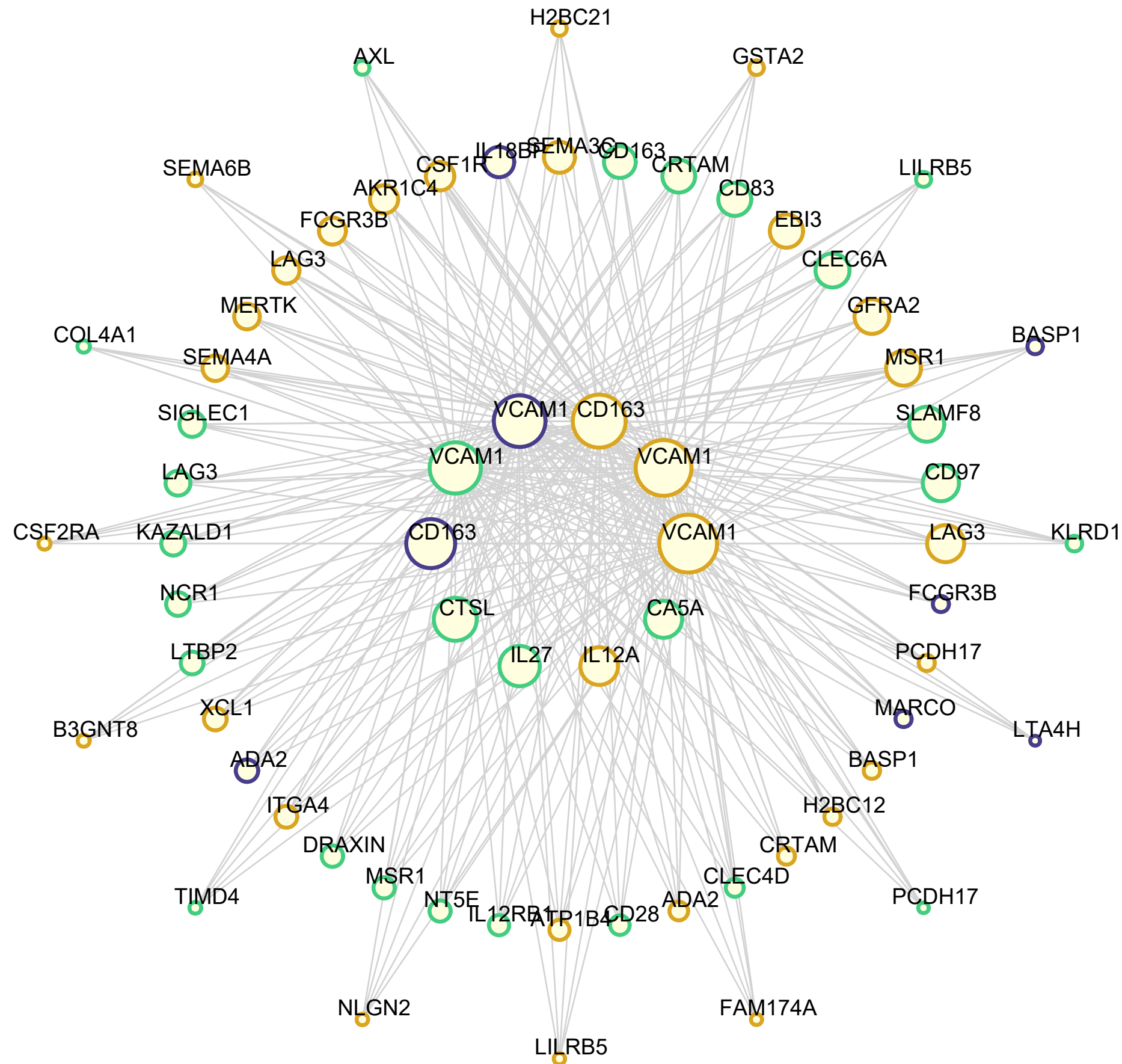
M31 paleturquoise module: Adhesion/ECM



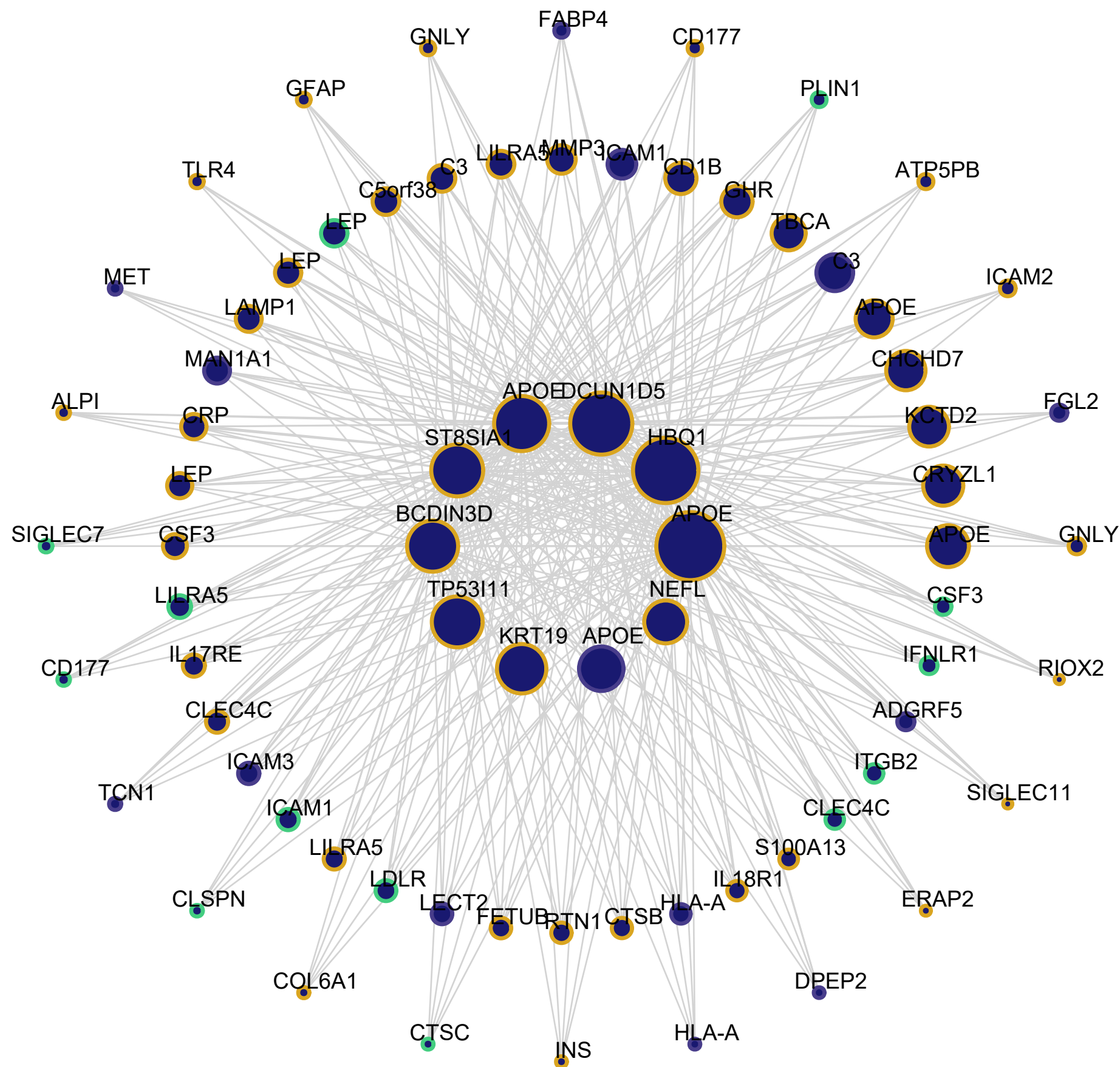
M14 cyan module: Innate Immune Response



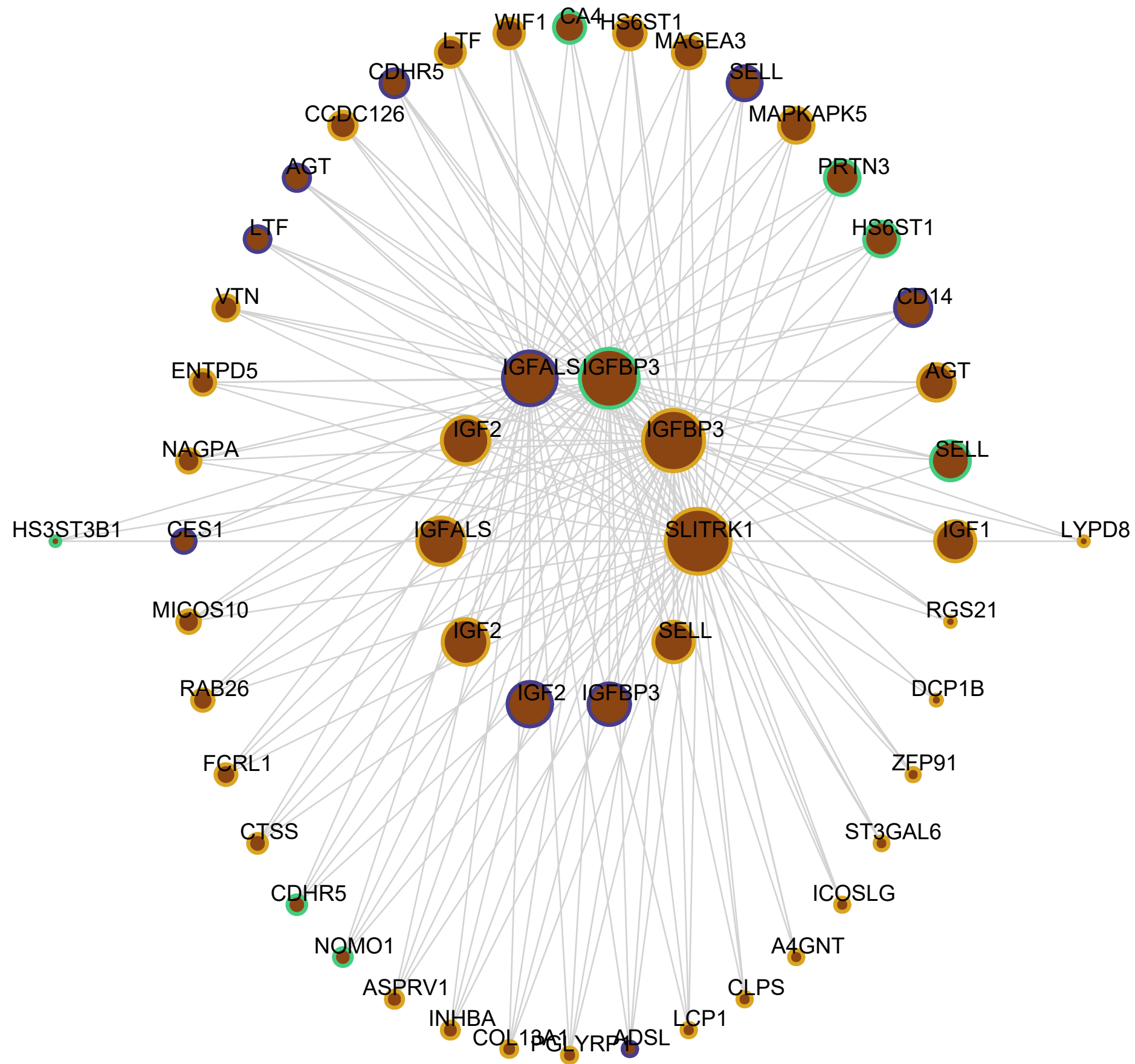
M19 lightyellow module: Leukocyte Activation



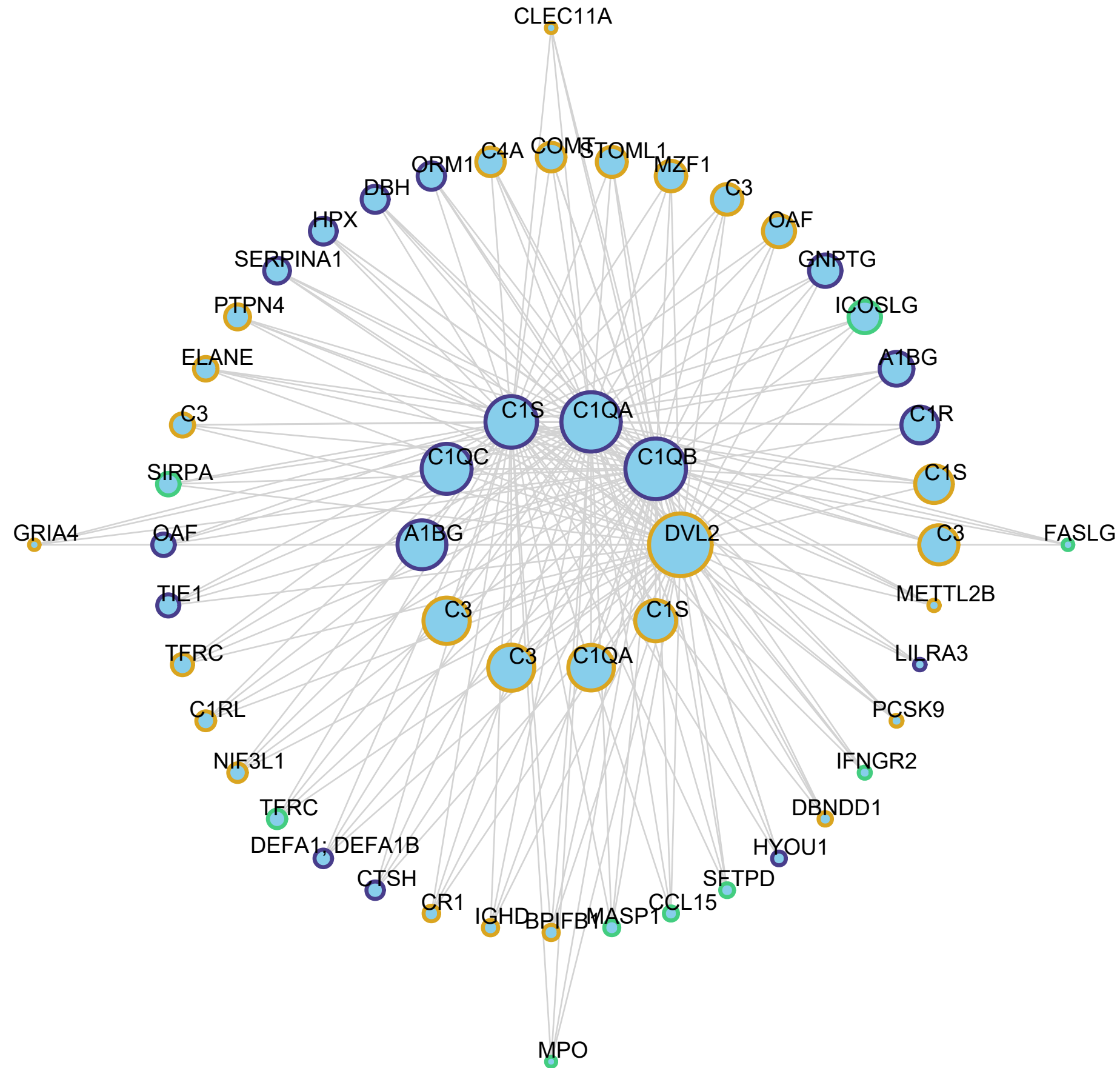
M15 midnightblue module: Lipid Biosynthesis/Immune Response



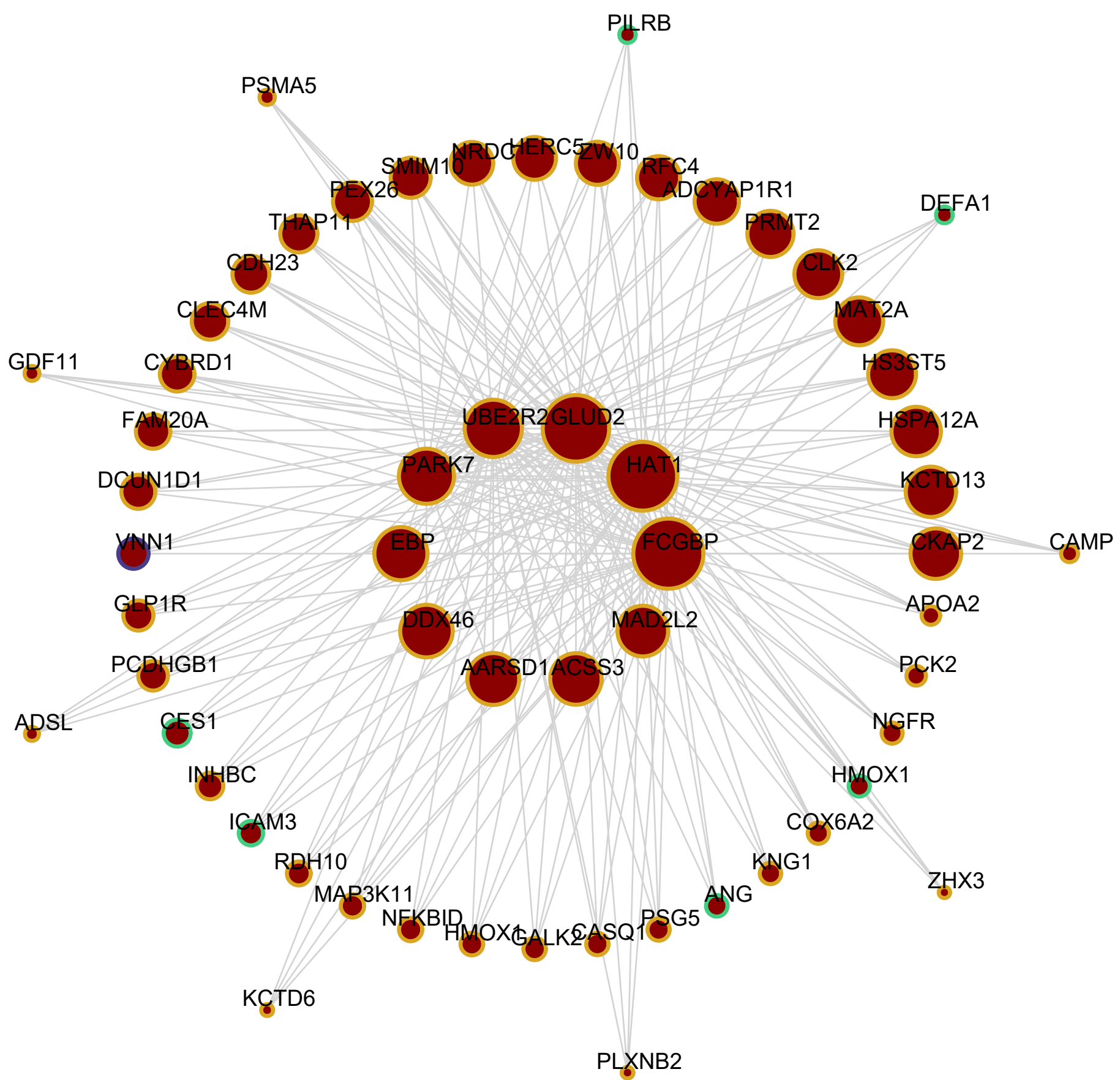
M29 saddlebrown module: IGF-Growth/GAG Binding



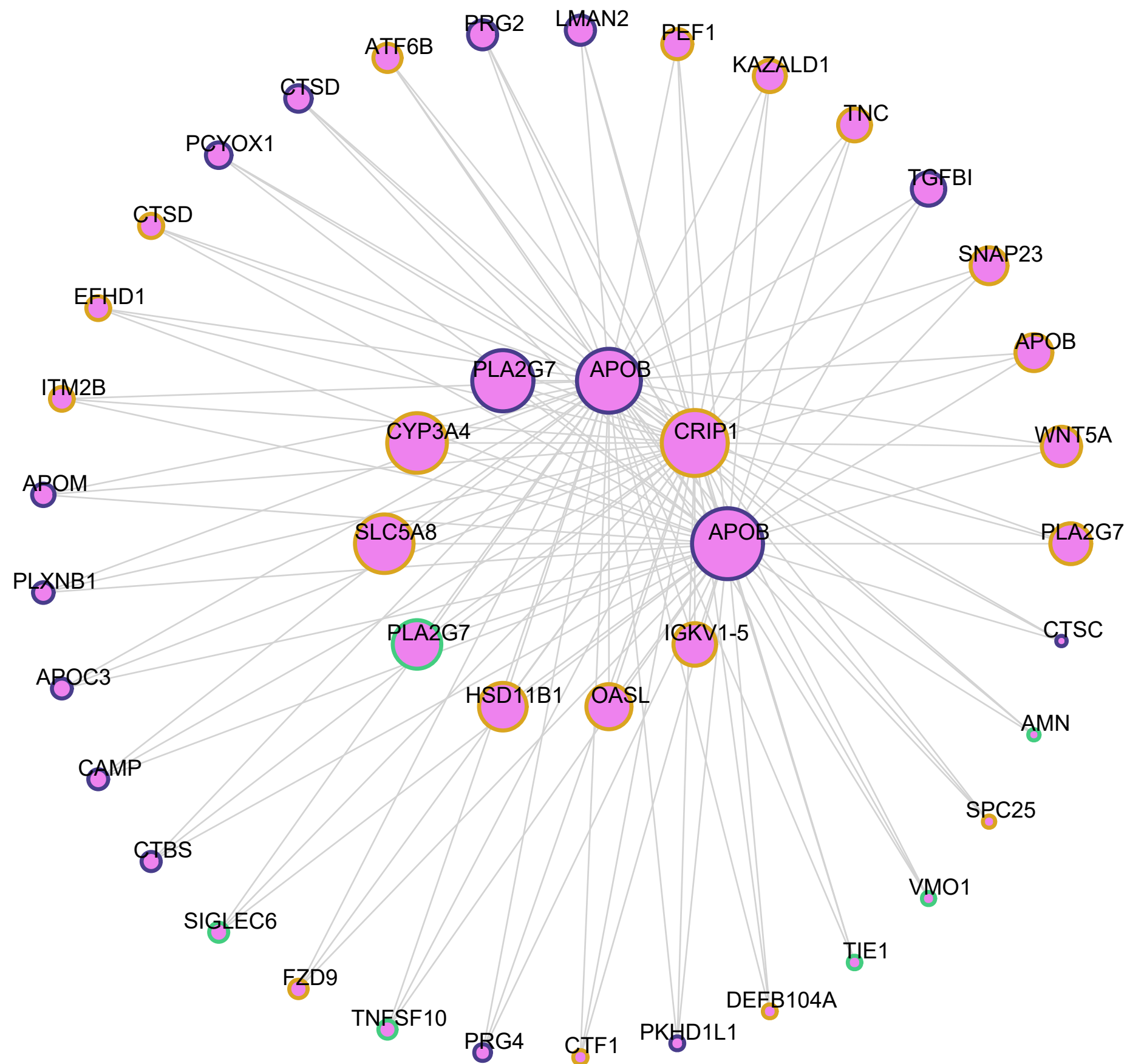
M28 skyblue module: Complement/Humoral Immune Response



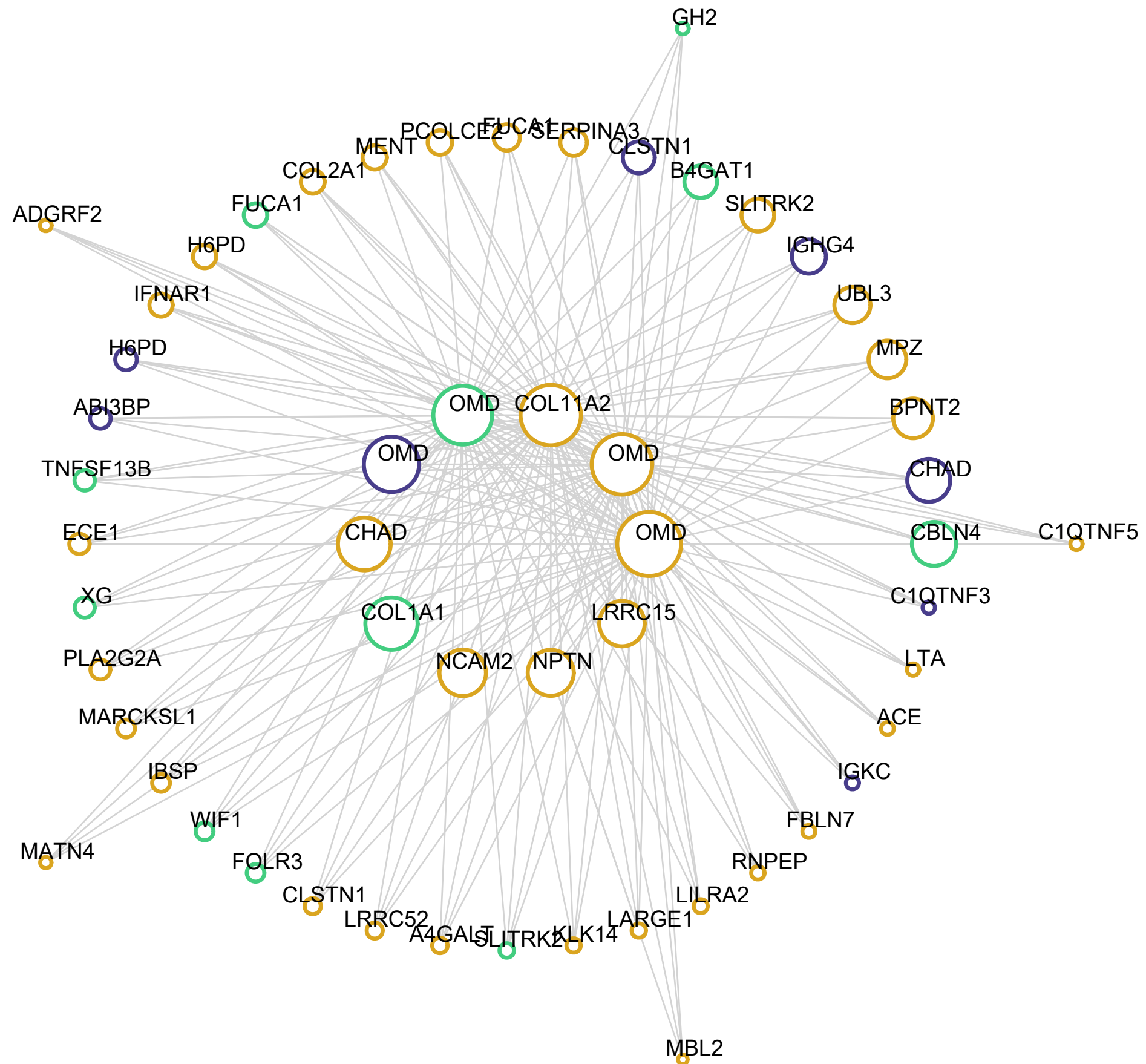
M21 darkred module: Metal Ion Homeostasis



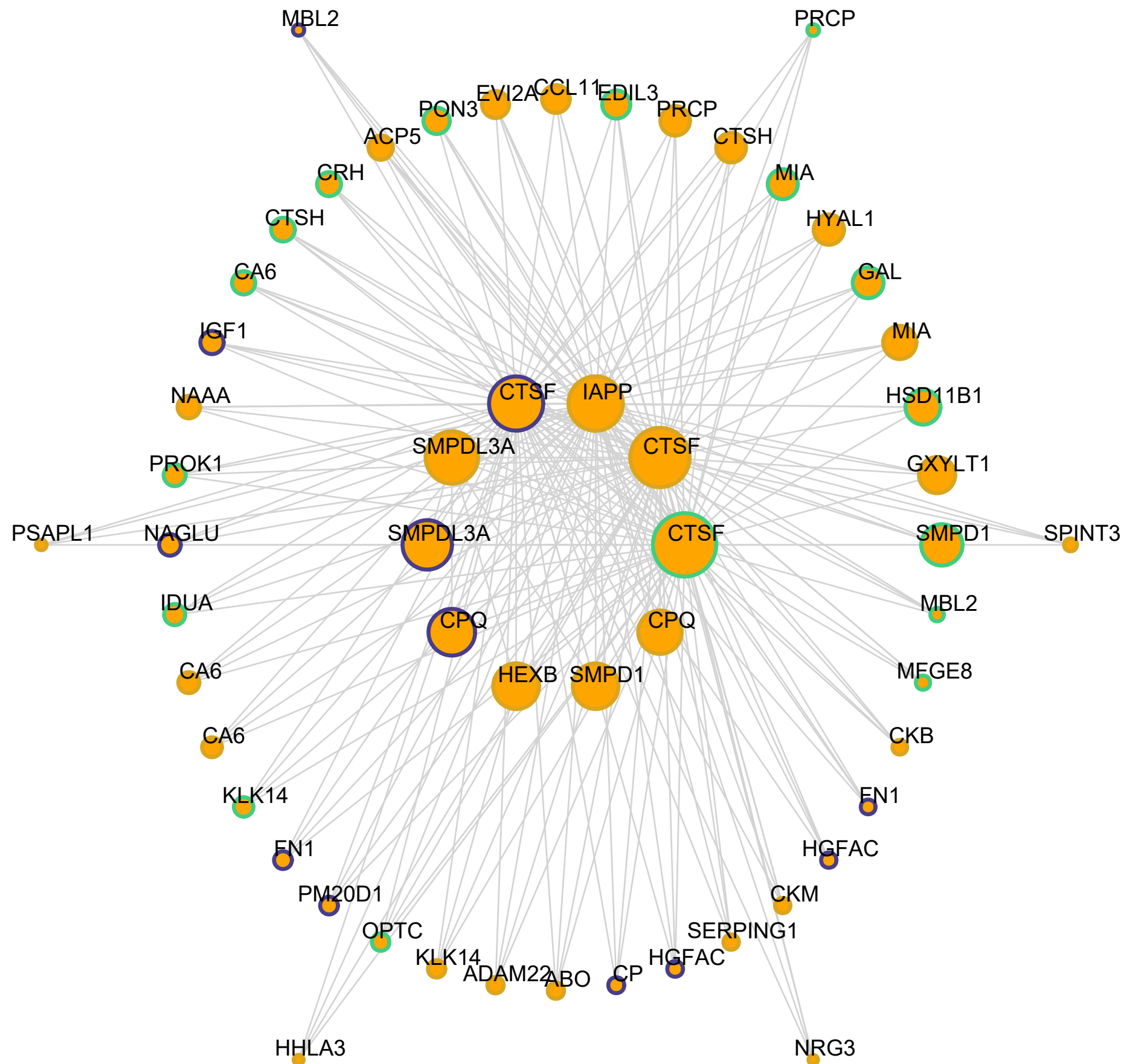
M32 violet module: Lipoprotein Metabolism



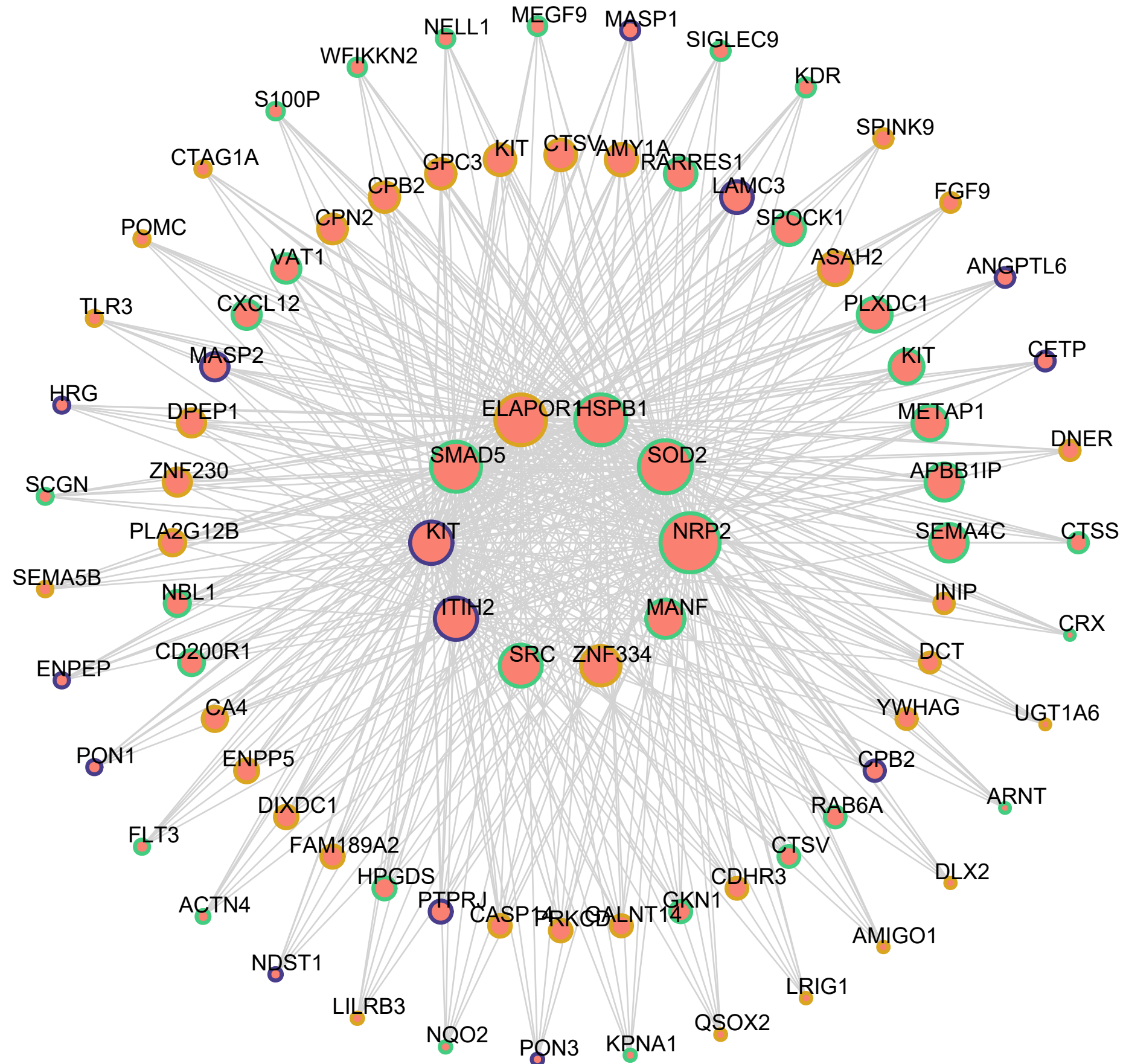
M27 white module: Collagen/ECM



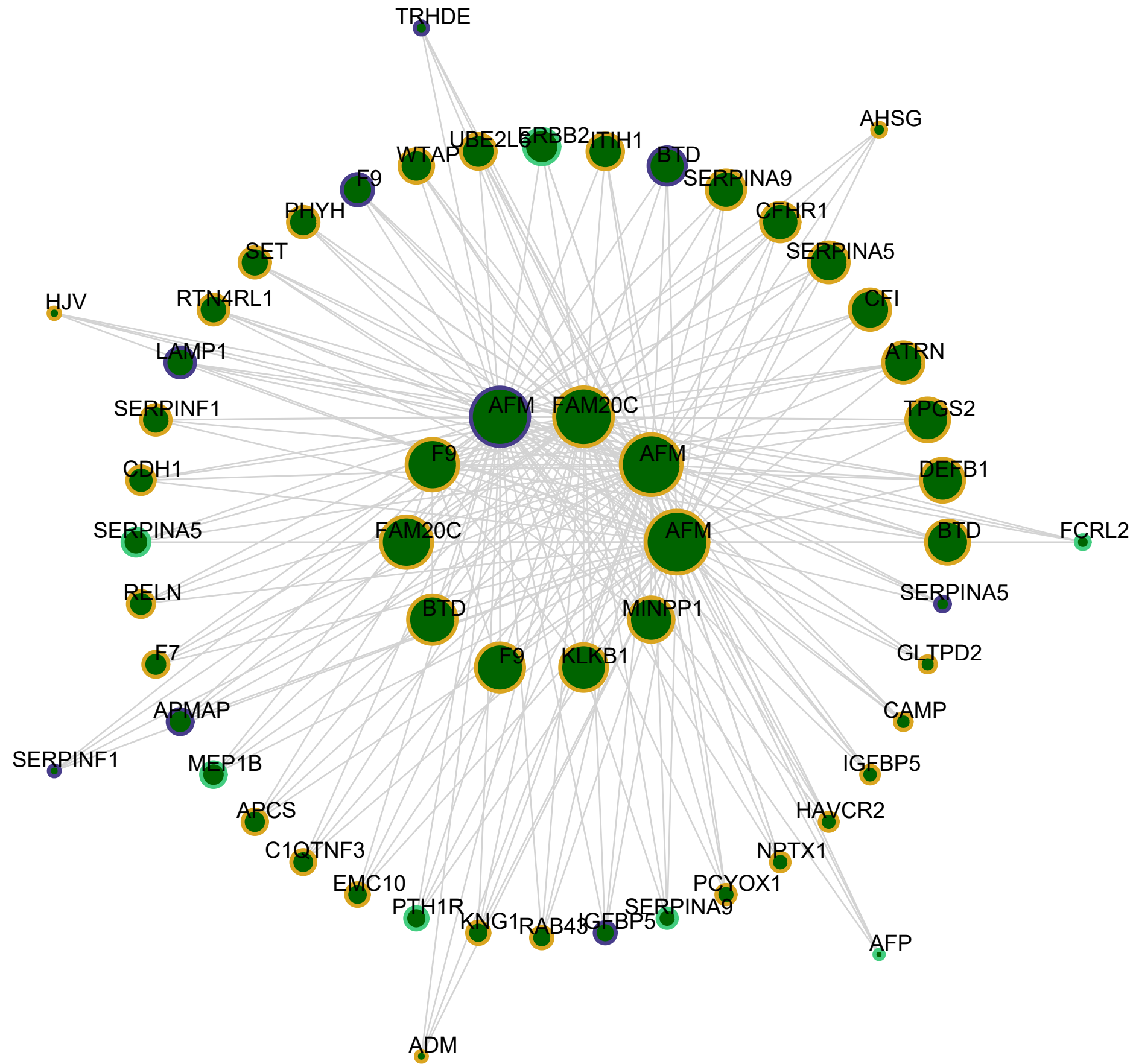
M25 orange module: Lysosome



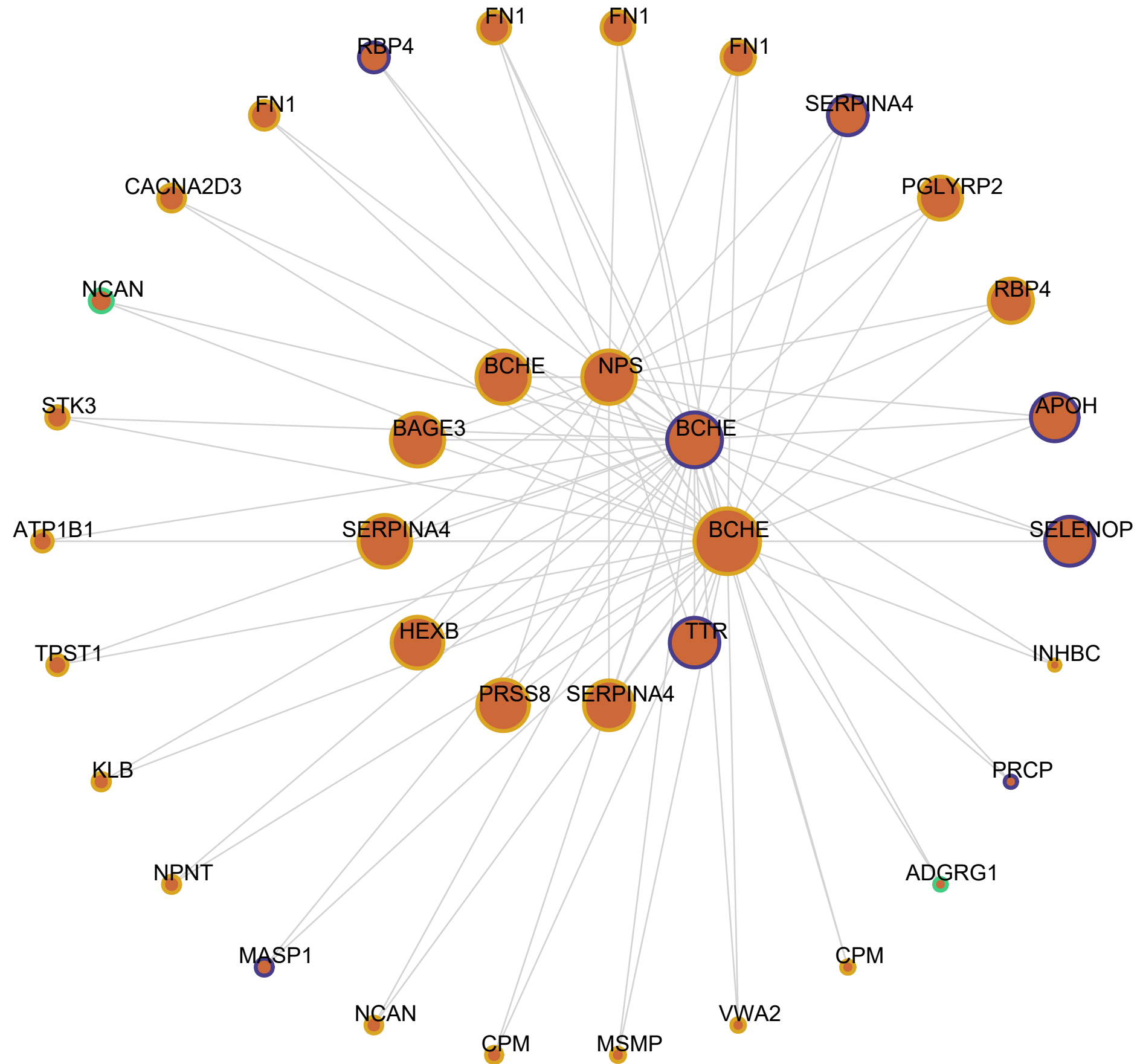
M13 salmon module: Ambiguous



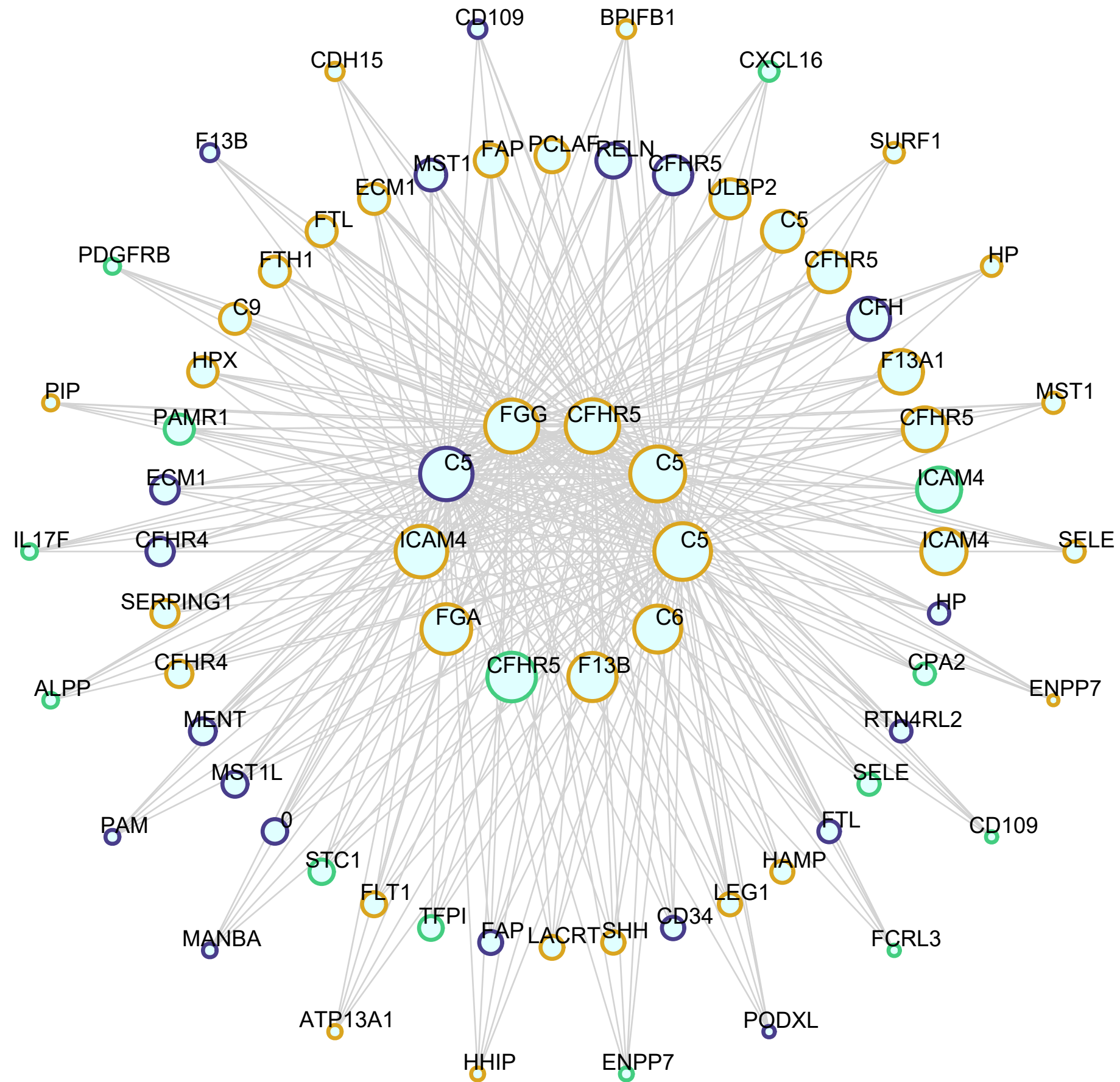
M22 darkgreen module: Protein Activation Cascade/Proteolysis



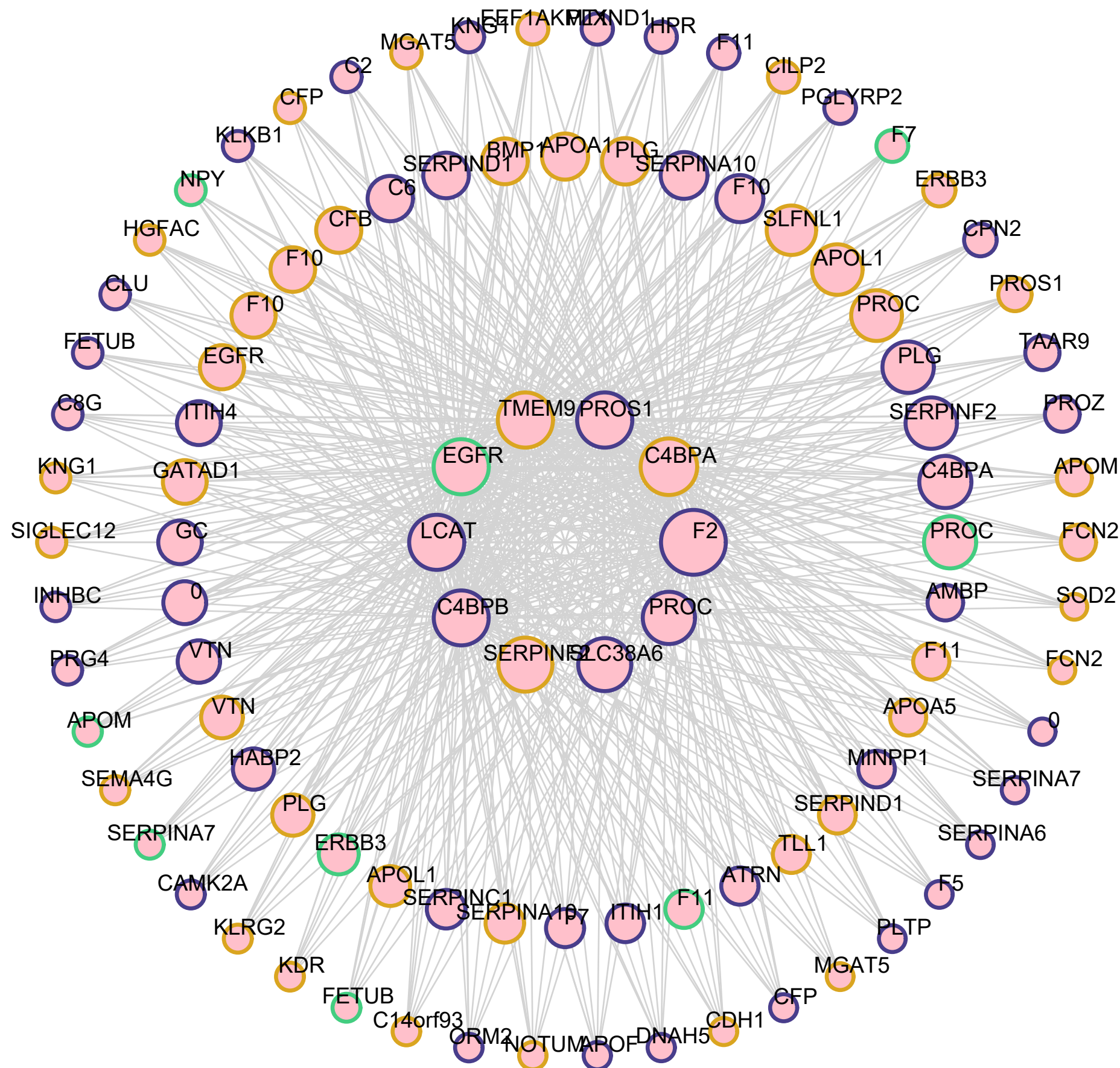
M35 sienna3 module: Ambiguous



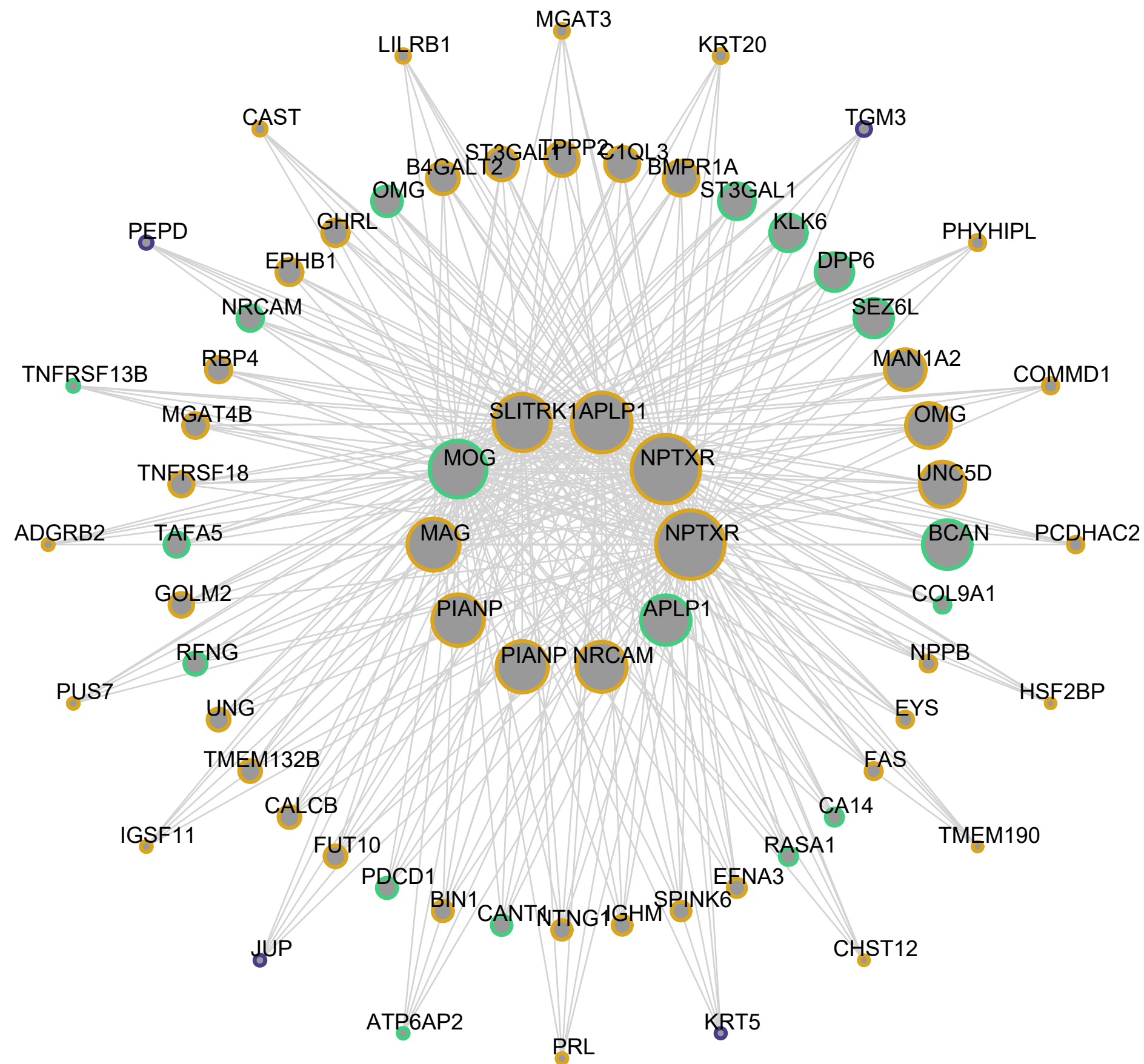
M16 lightcyan module: Complement/Protein Activation Cascade



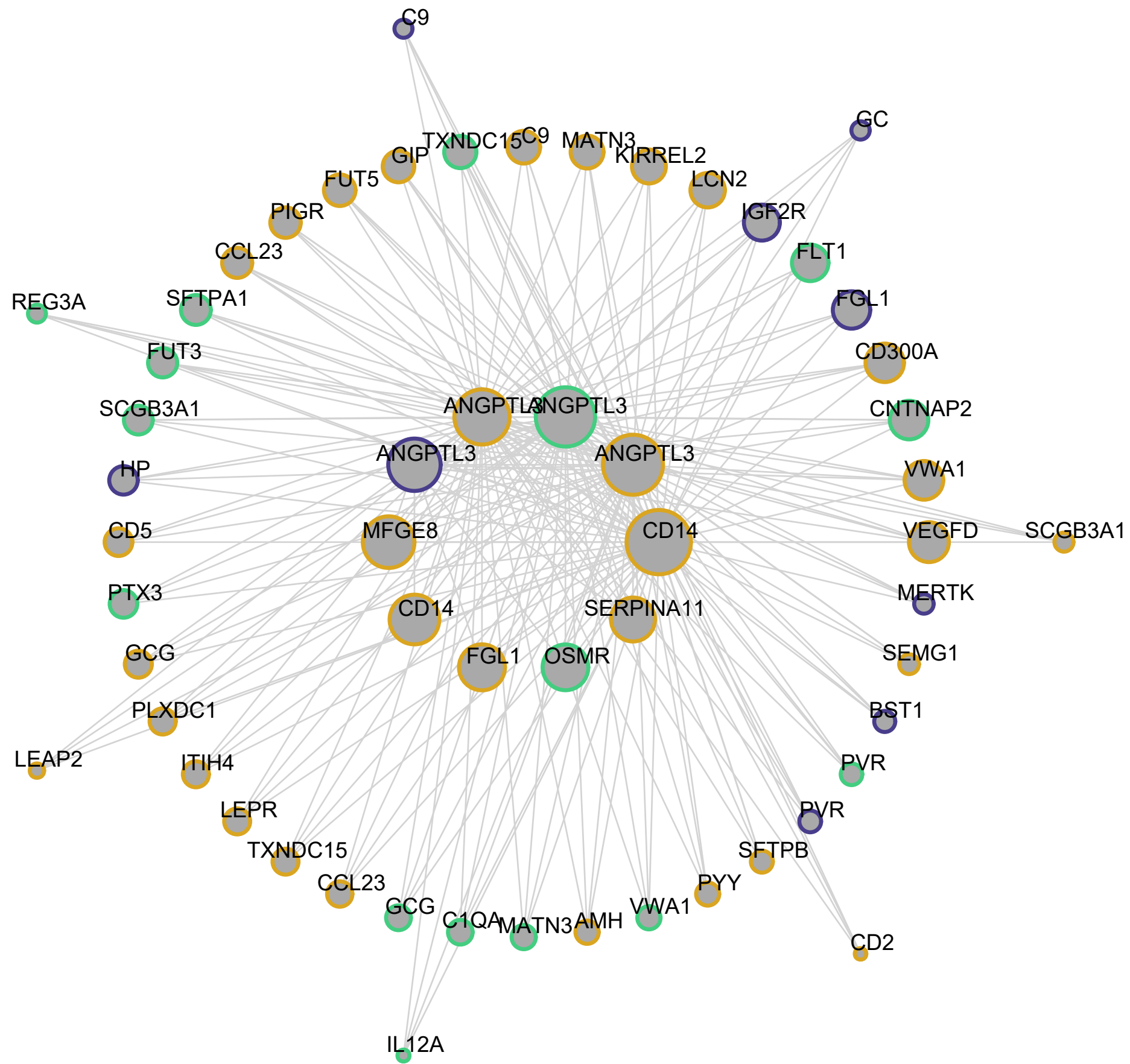
M8 pink module: Protein Activation Cascade



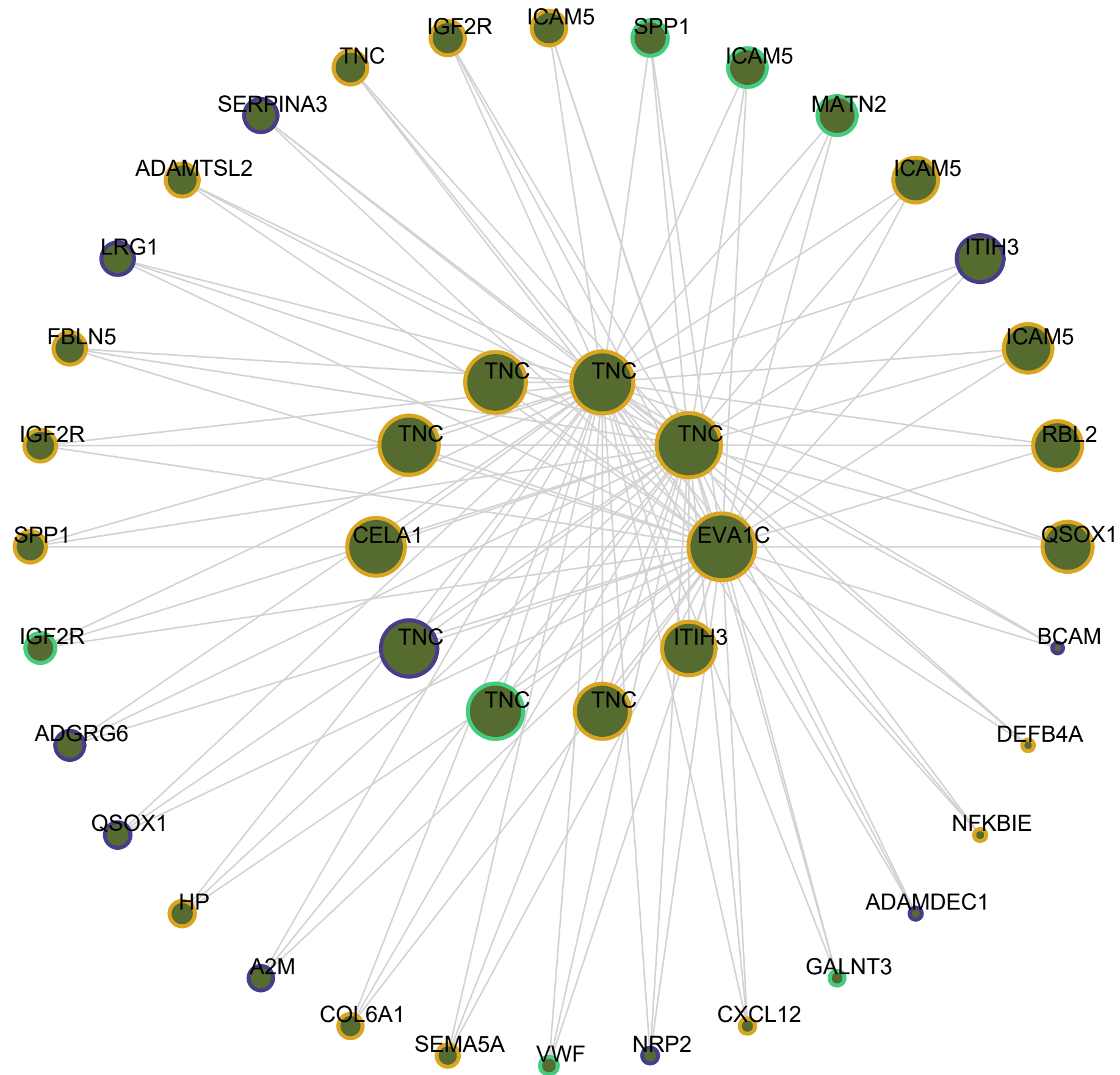
M17 grey60 module: Glycosylation



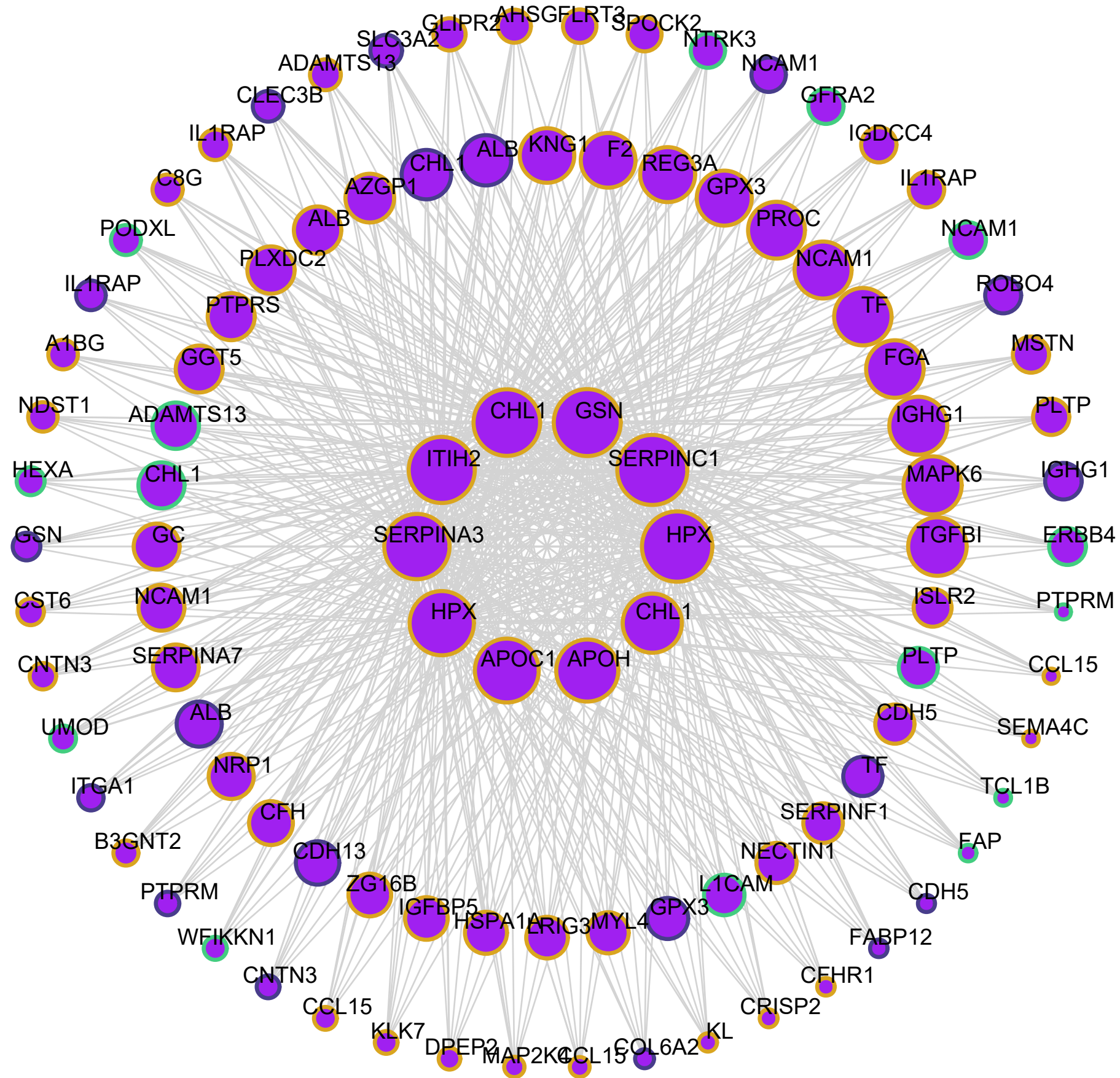
M24 darkgrey module: Endocytosis



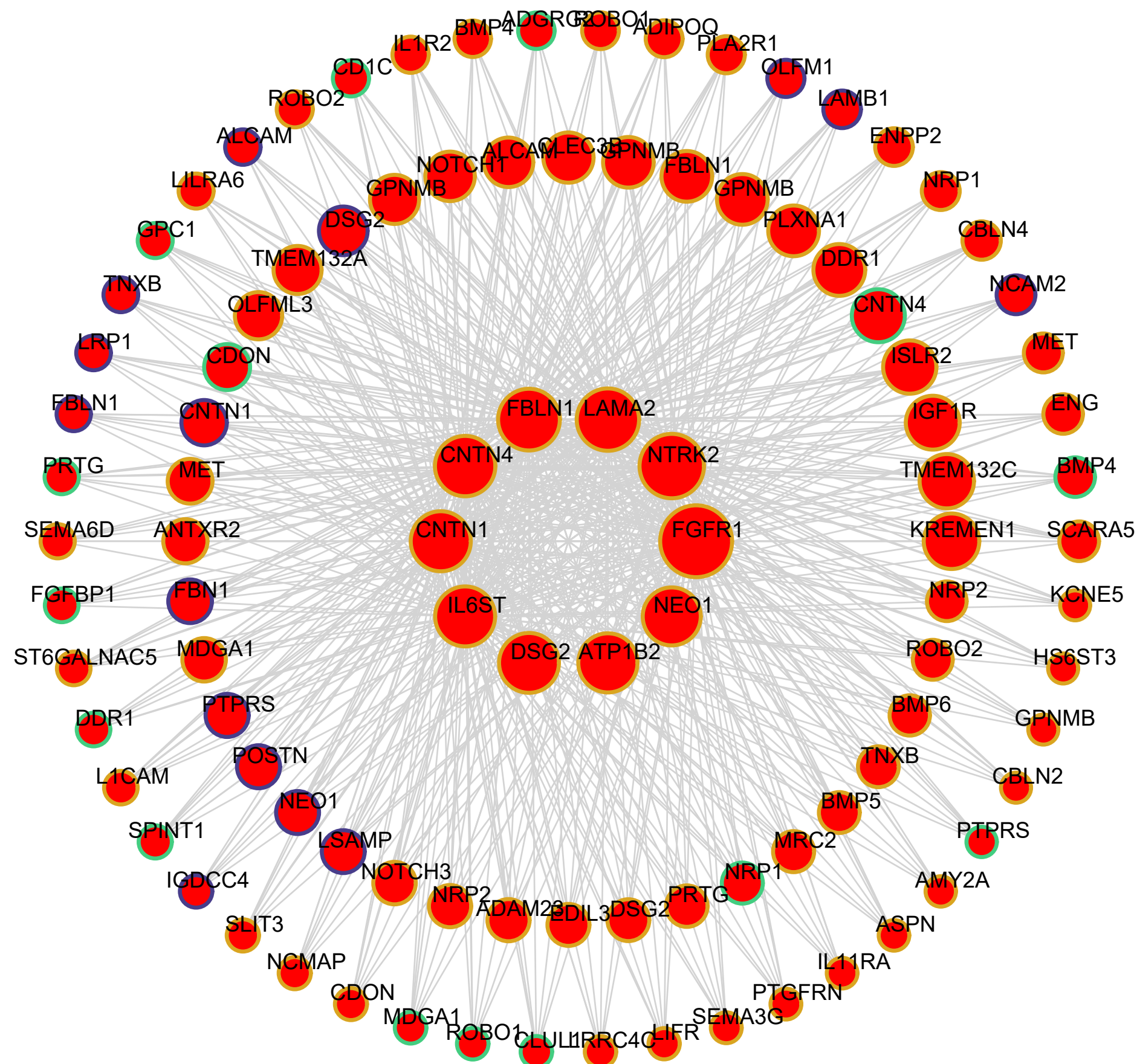
M33 darkolivegreen module: Adhesion/ECM/Wound Response



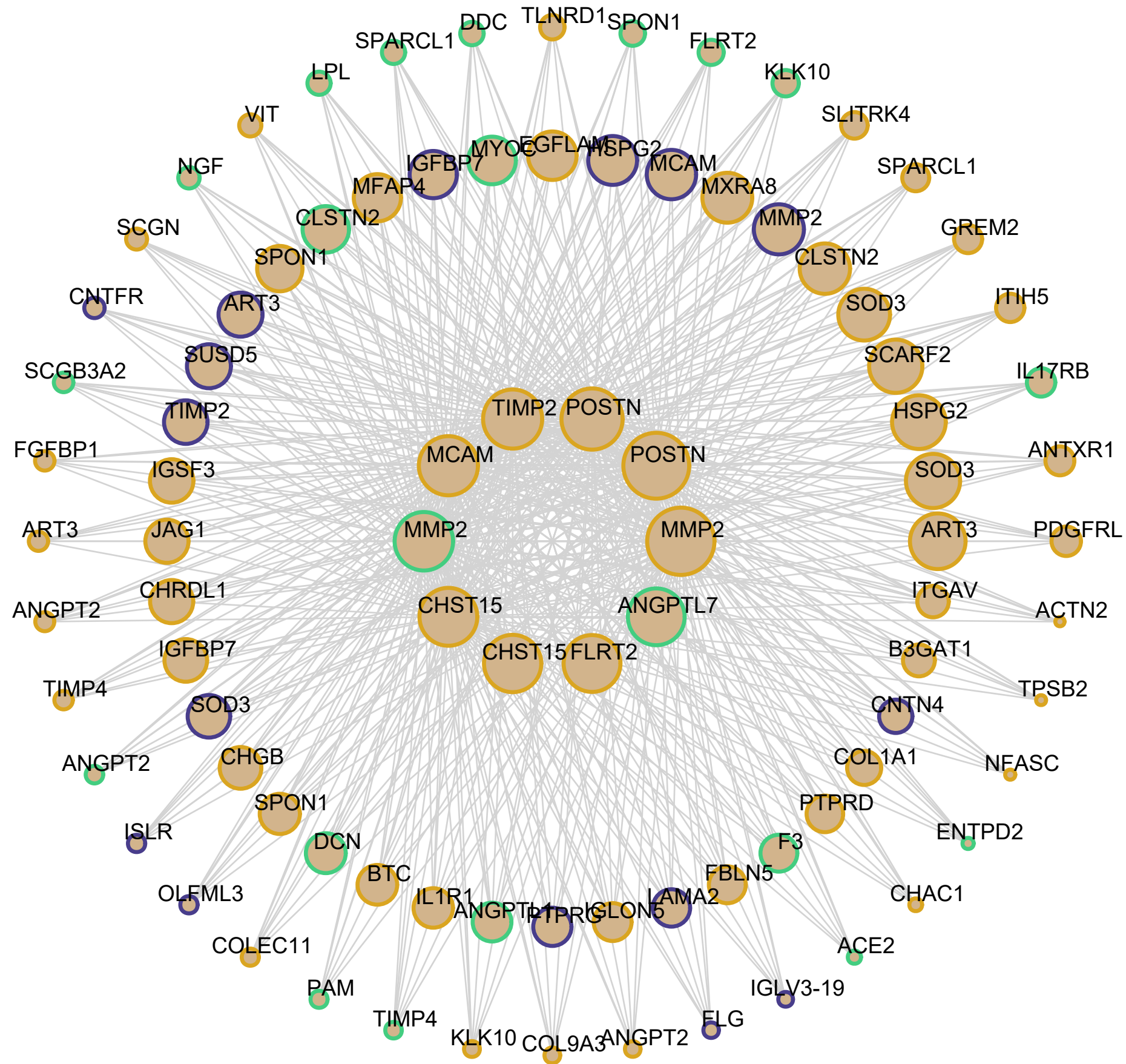
M10 purple module: Ambiguous



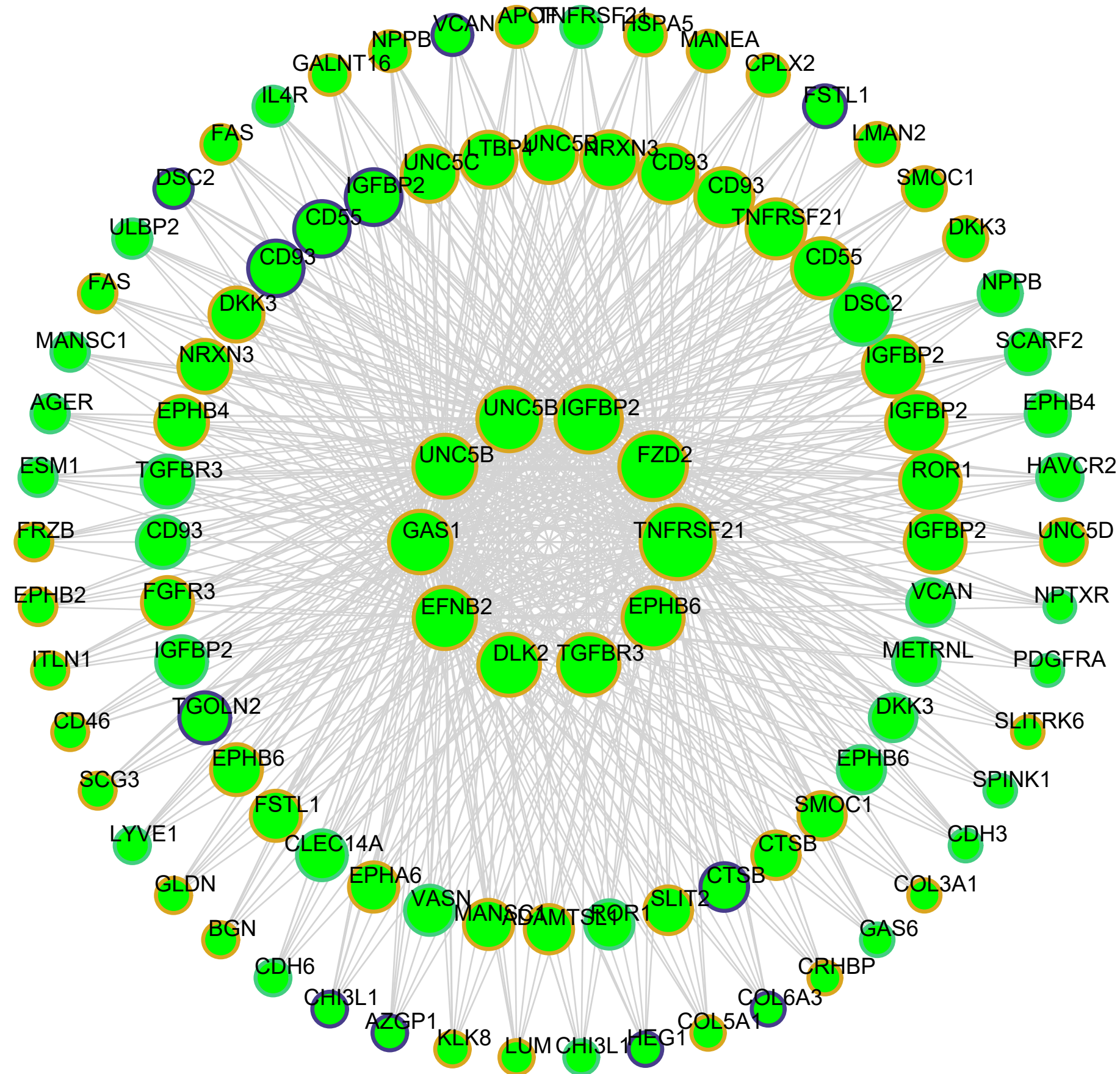
M6 red module: Axon Guidance/Nervous System Dev



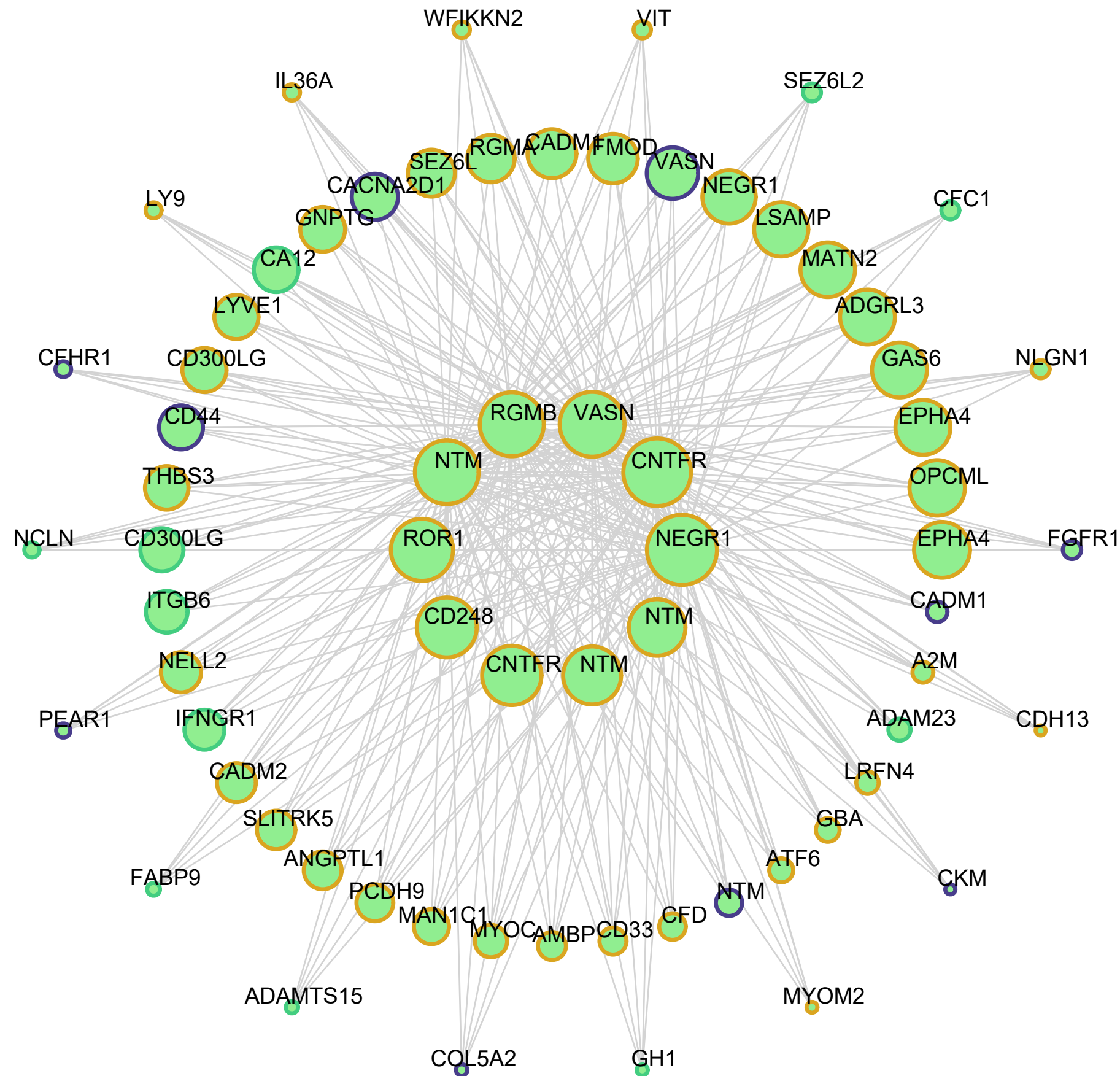
M12 tan module: Matrisome



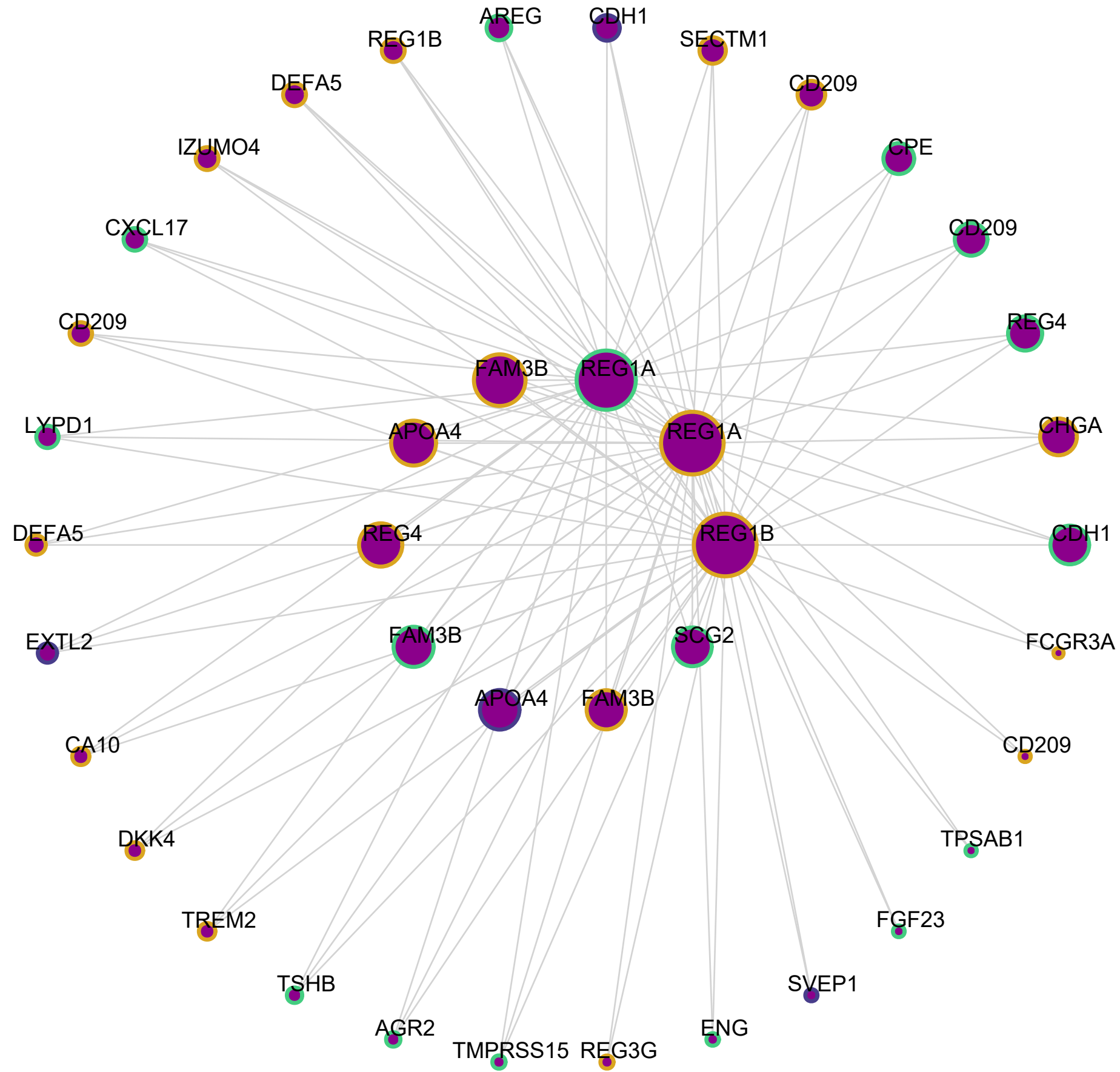
M5 green module: ECM/IGF-PDGF Binding



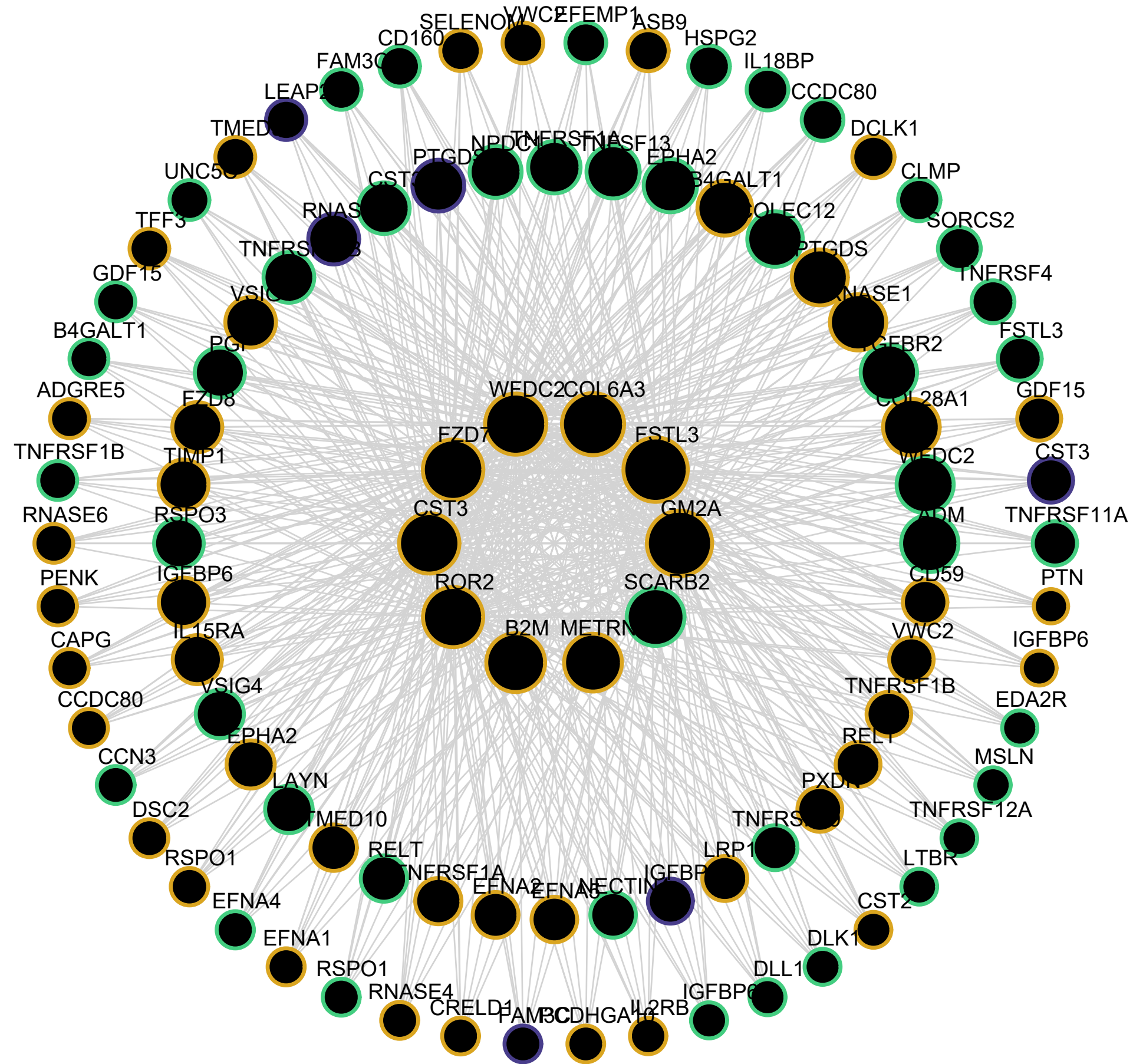
M18 lightgreen module: Cellular Adhesion/ECM Organization



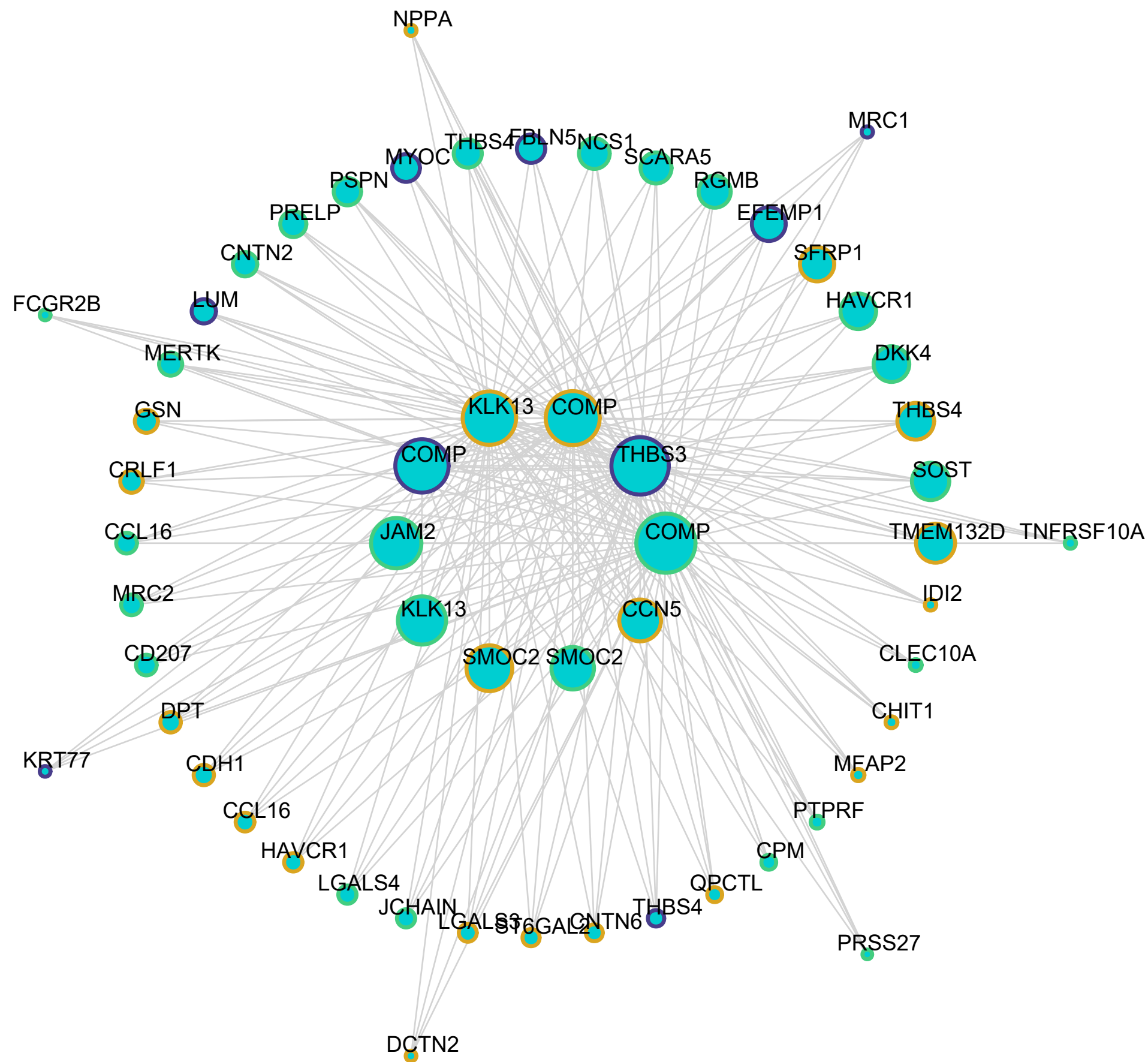
M34 darkmagenta module: Carbohydrate Binding



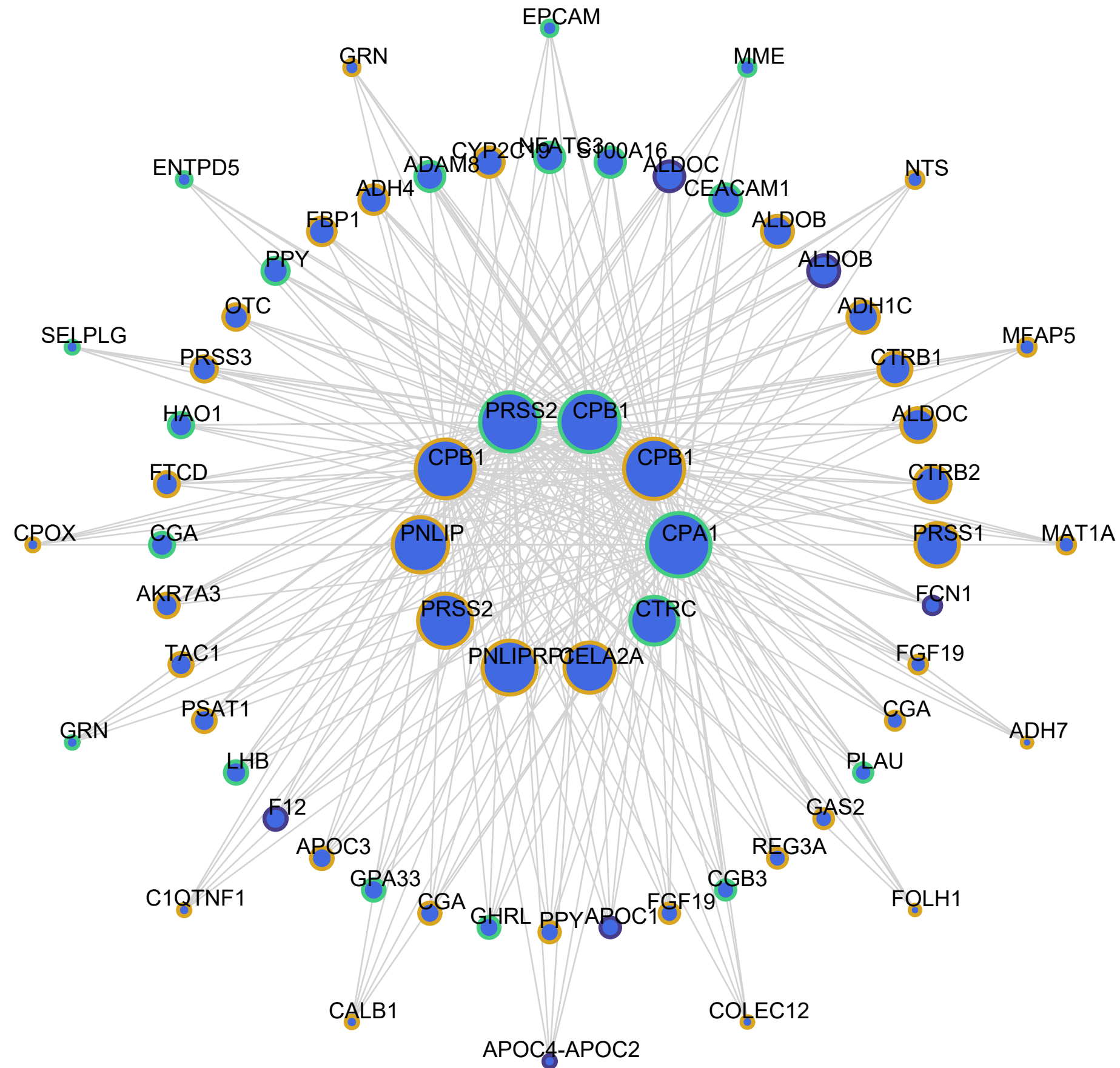
M7 black module: TNF/Ephrin Signaling



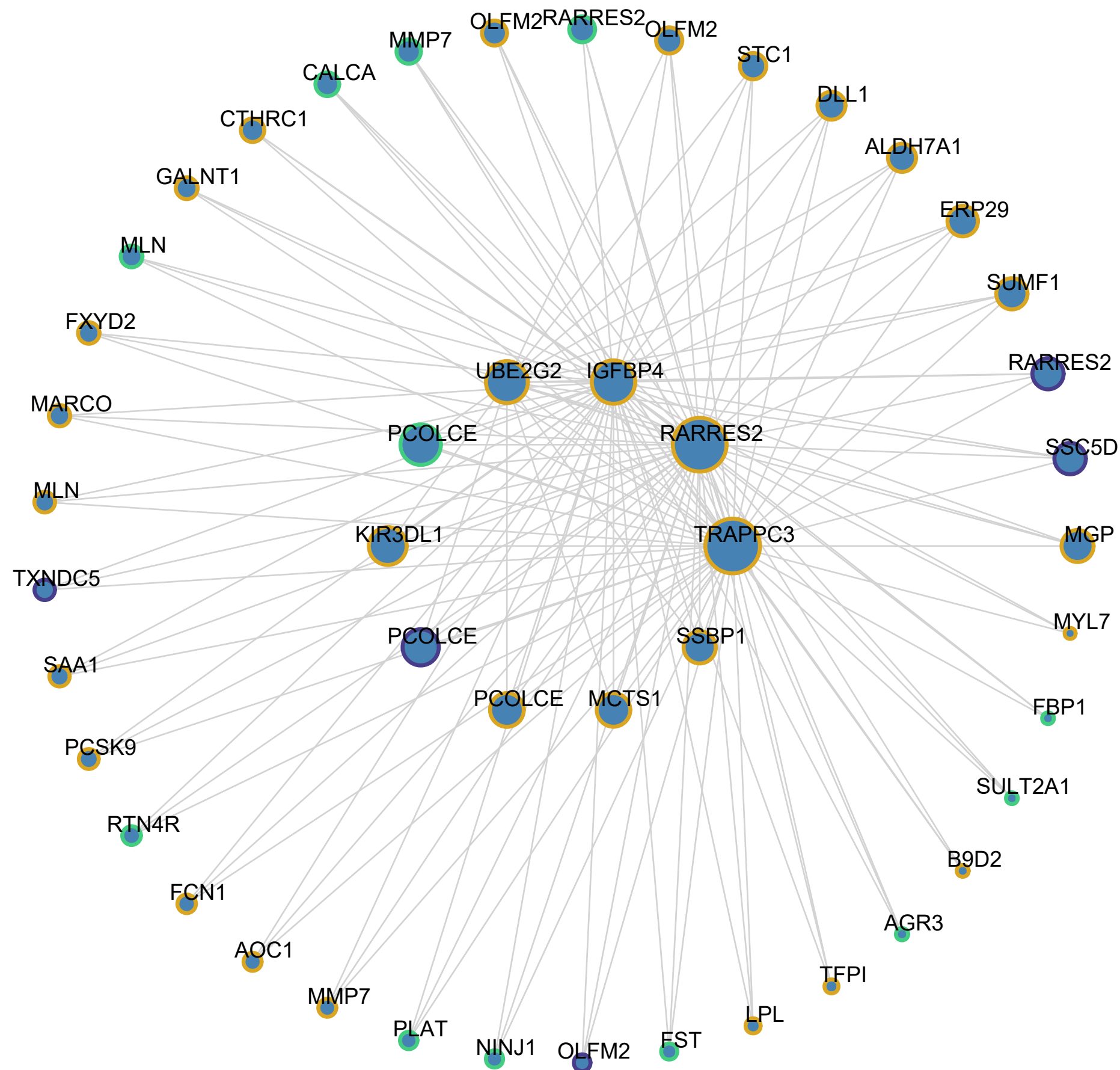
M23 darkturquoise module: Carbohydrate Binding/ECM



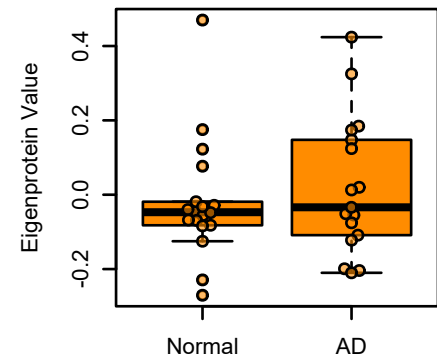
M20 royalblue module: Digestion



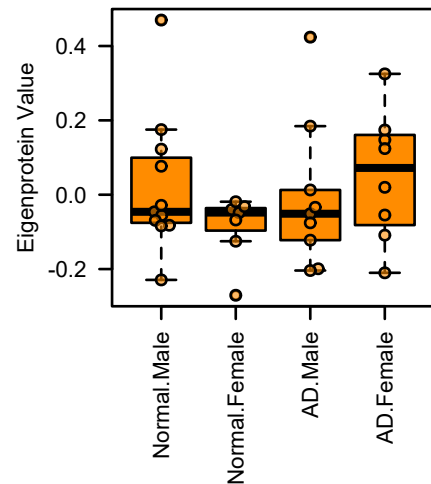
M30 steelblue module: Ambiguous



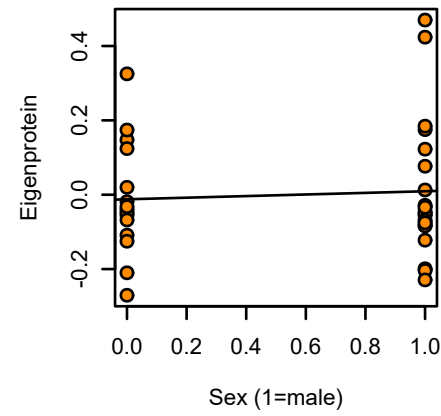
M26 darkorange
Age+Sex-disc. $p = 0.46$
Sex-discounted $p = 0.73$



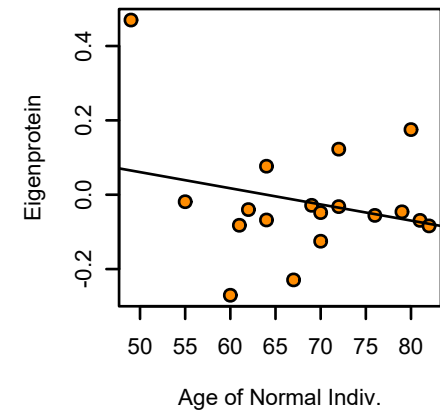
M26 darkorange
Bicarbonate Transport/Peroxidas
ANOVA $p = 0.42$



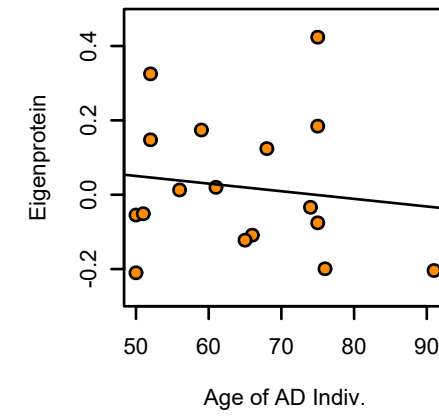
bicor=-0.047, $p=0.79$
cor=0.063, $p=0.72$



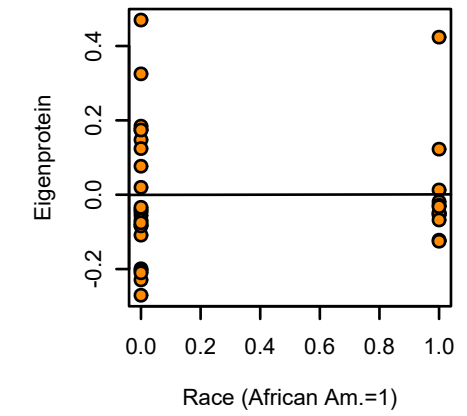
bicor=-0.031, $p=0.9$
cor=-0.25, $p=0.32$



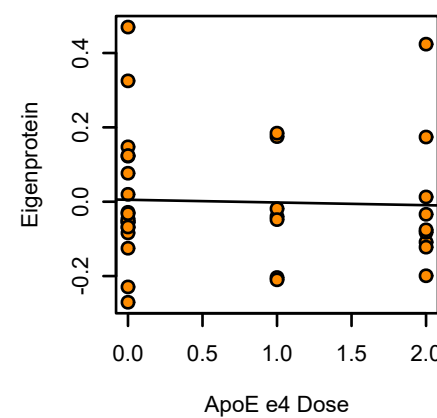
bicor=-0.15, $p=0.56$
cor=-0.13, $p=0.62$



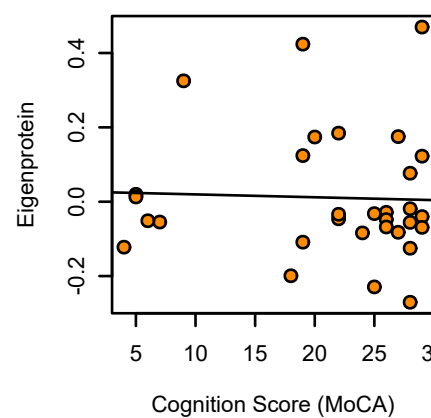
bicor=0.0059, $p=0.97$
cor=0.0038, $p=0.98$



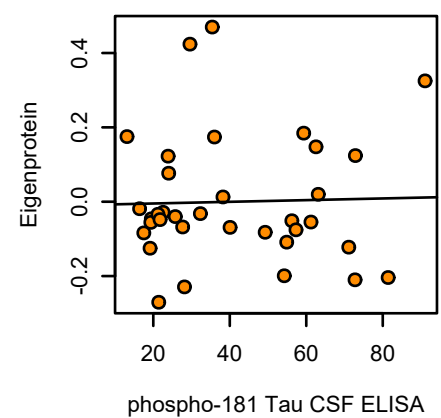
bicor=-0.088, $p=0.61$
cor=-0.037, $p=0.83$



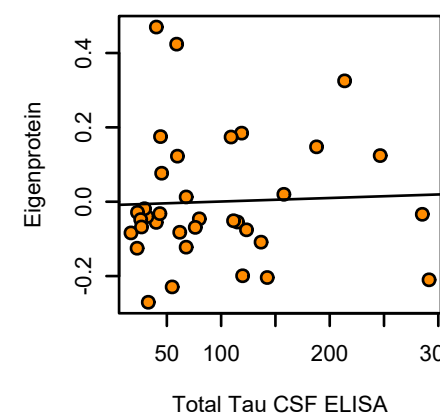
bicor=-0.14, $p=0.45$
cor=-0.037, $p=0.84$



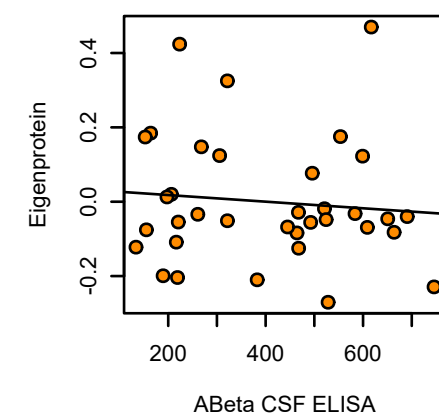
bicor=0.0086, $p=0.96$
cor=0.029, $p=0.87$



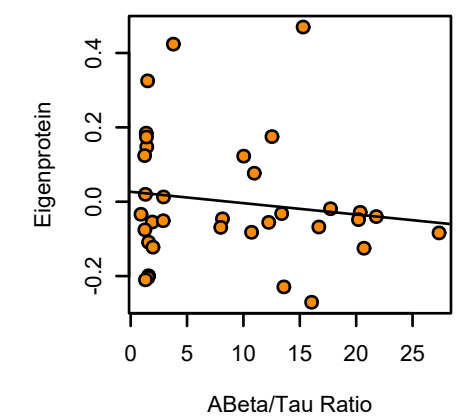
bicor=0.19, $p=0.27$
cor=0.041, $p=0.82$



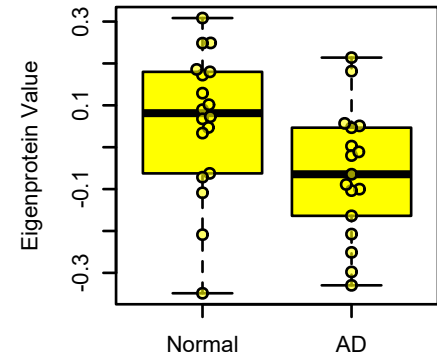
bicor=-0.16, $p=0.36$
cor=-0.096, $p=0.58$



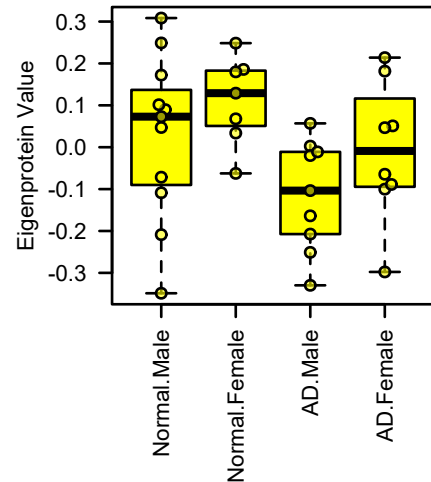
bicor=-0.17, $p=0.33$
cor=-0.14, $p=0.42$



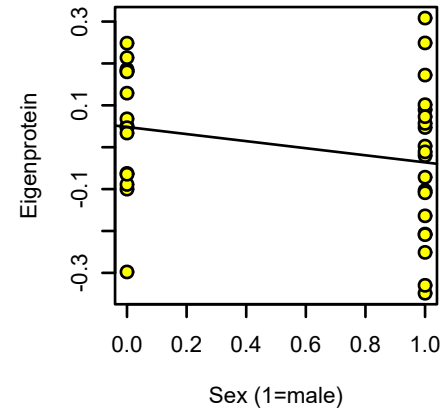
M4 yellow
Age+Sex-disc. $p = 0.022$
Sex-discounted $p = 0.022$



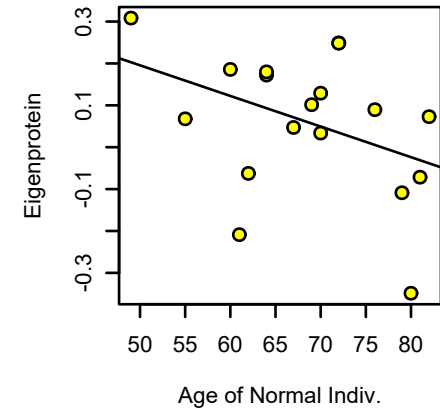
M4 yellow
T Cell Regulation
ANOVA $p = 0.051$



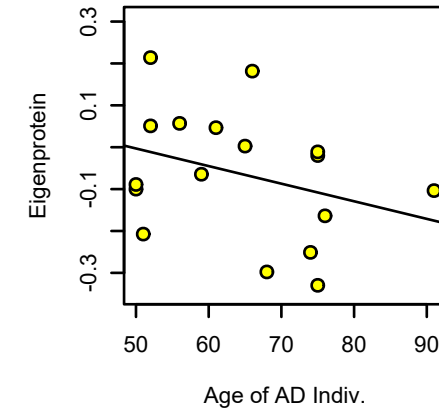
bicor=-0.25, $p=0.16$
cor=-0.25, $p=0.15$



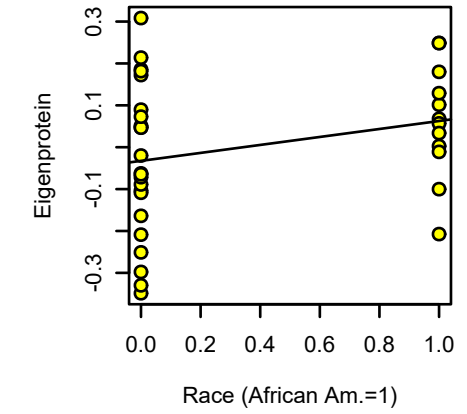
bicor=-0.36, $p=0.14$
cor=-0.4, $p=0.1$



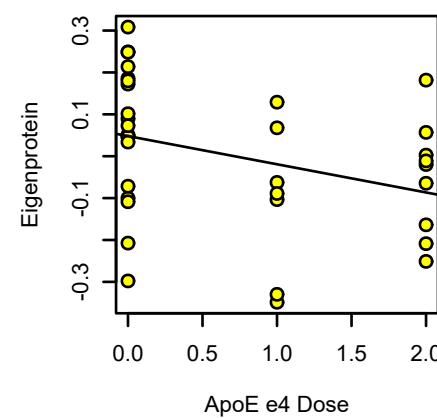
bicor=-0.33, $p=0.19$
cor=-0.33, $p=0.2$



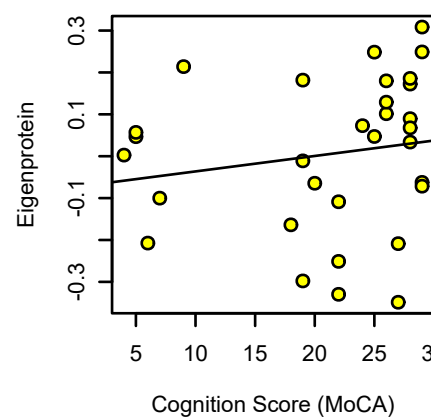
bicor=0.26, $p=0.13$
cor=0.27, $p=0.12$



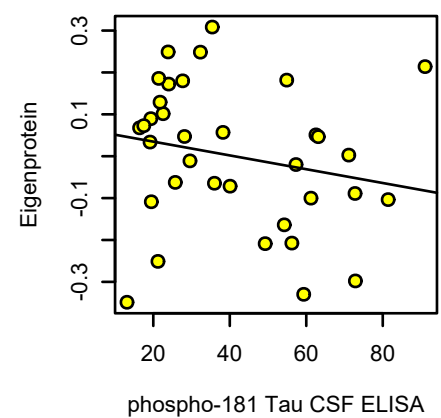
bicor=-0.34, $p=0.044$
cor=-0.34, $p=0.046$



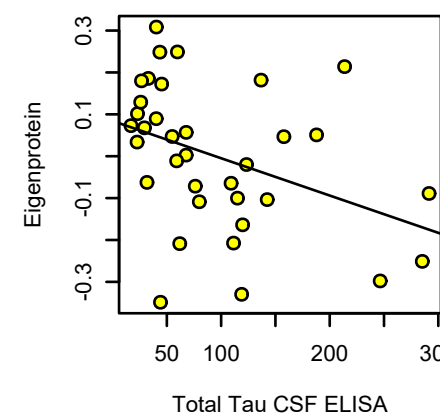
bicor=0.36, $p=0.045$
cor=0.17, $p=0.36$



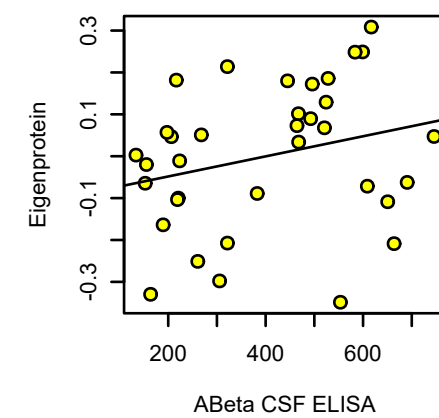
bicor=-0.28, $p=0.1$
cor=-0.21, $p=0.23$



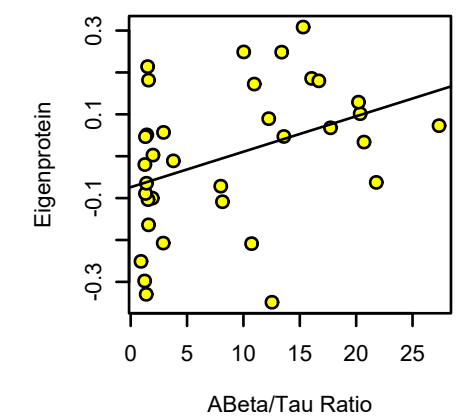
bicor=-0.42, $p=0.011$
cor=-0.39, $p=0.021$

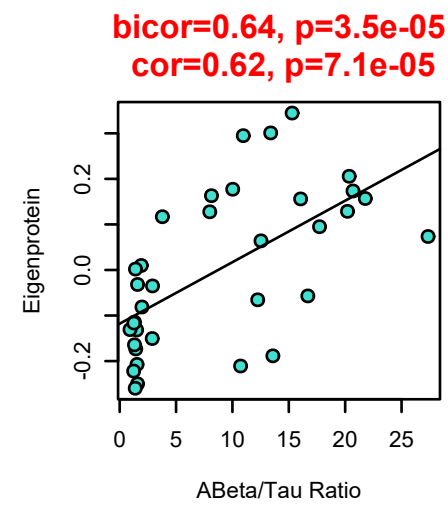
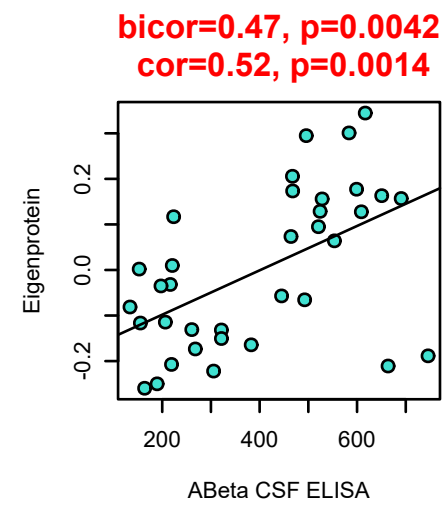
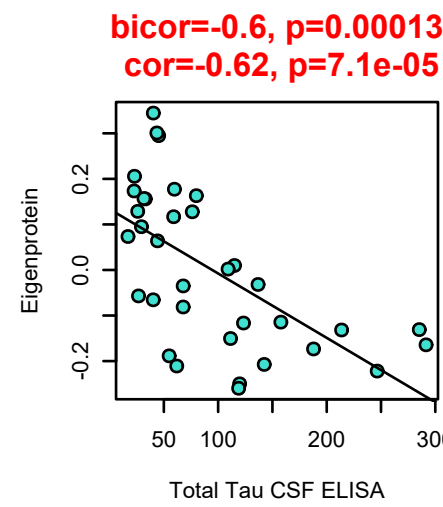
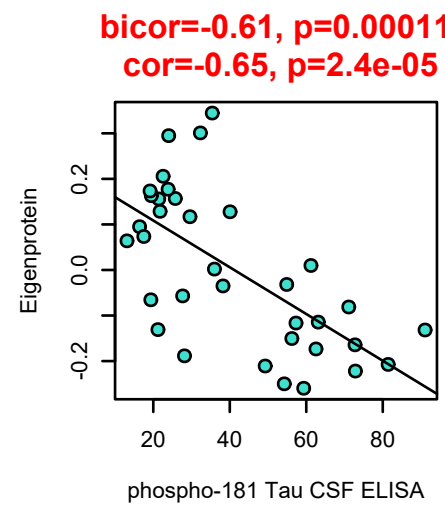
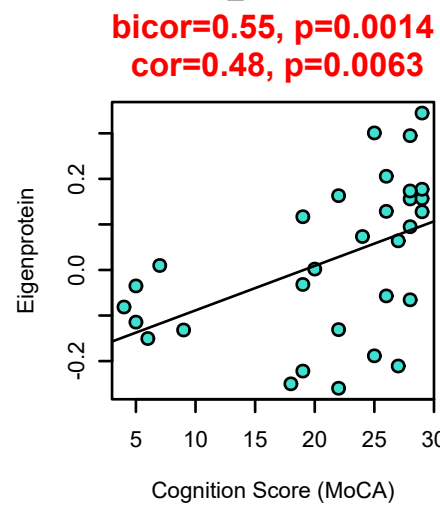
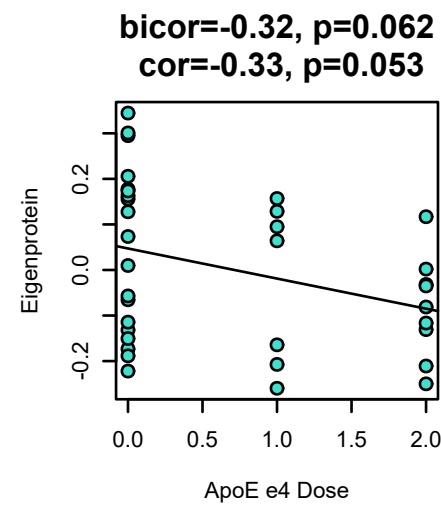
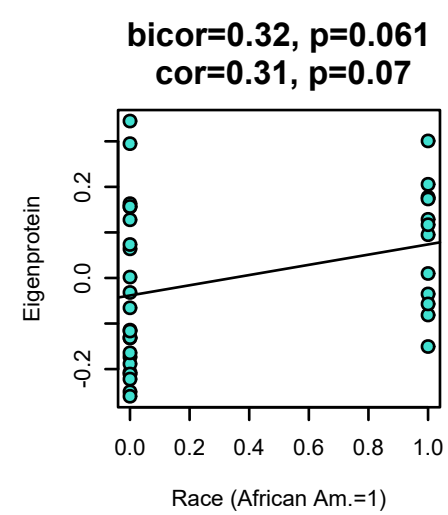
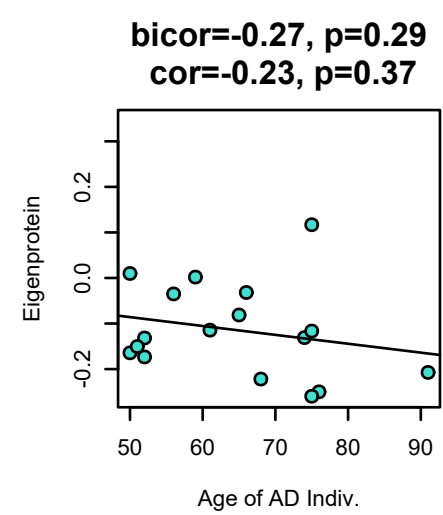
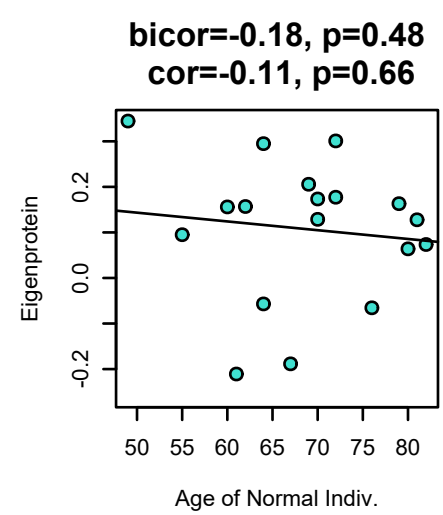
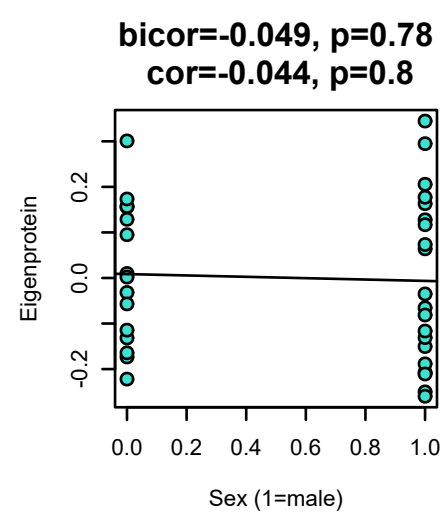
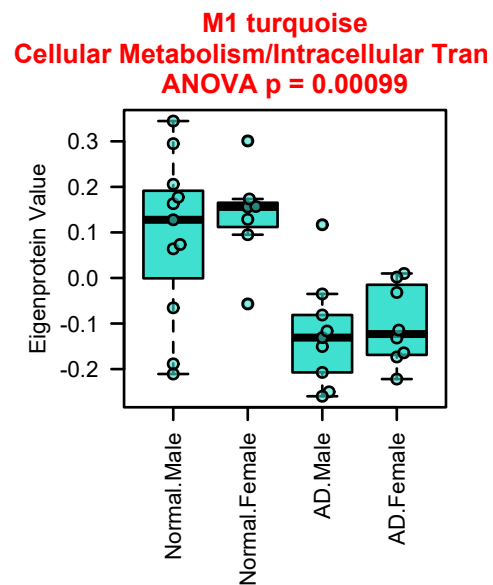
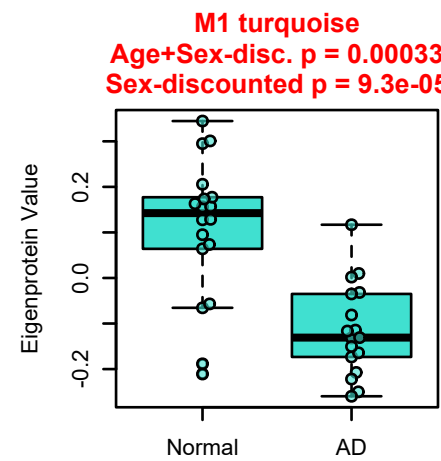
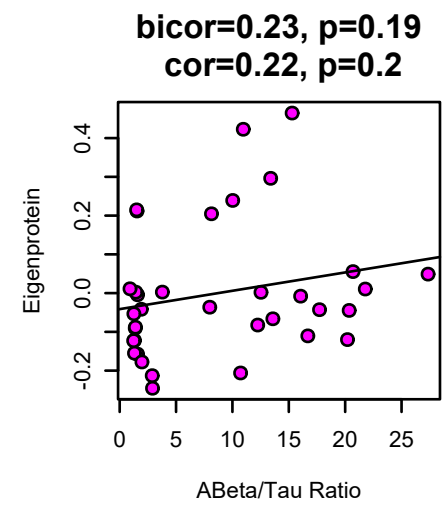
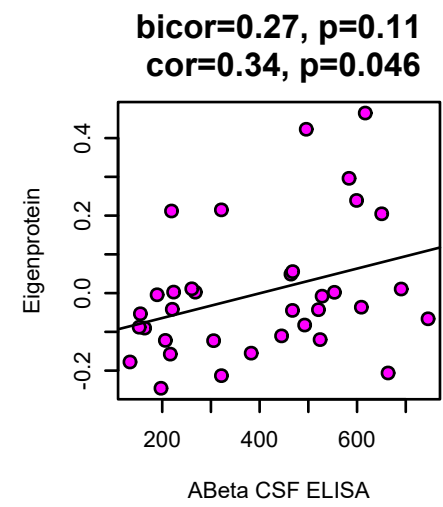
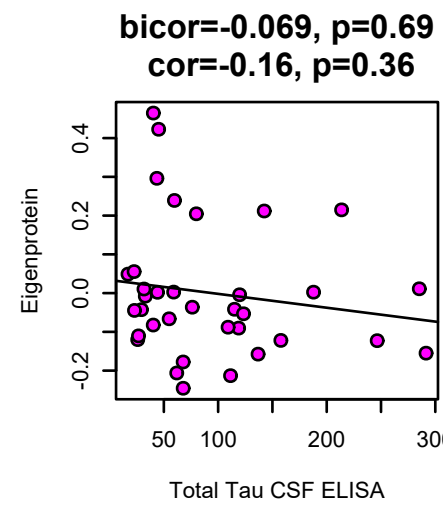
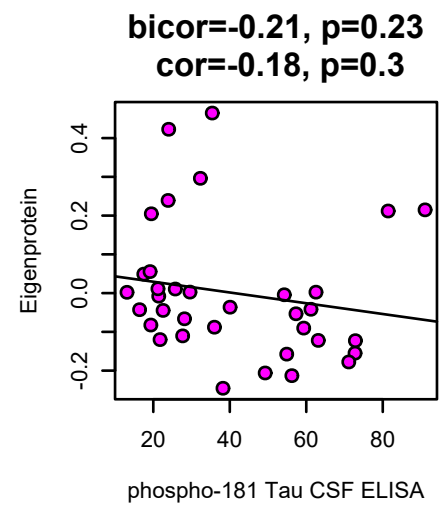
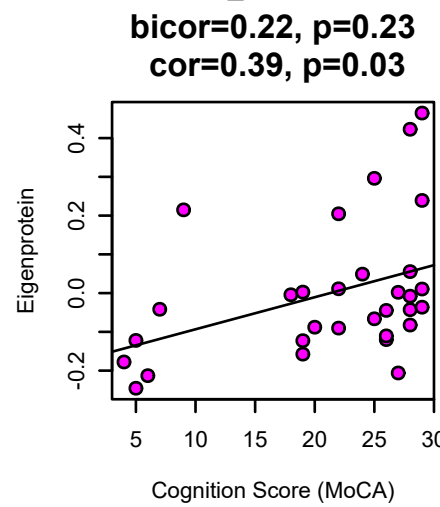
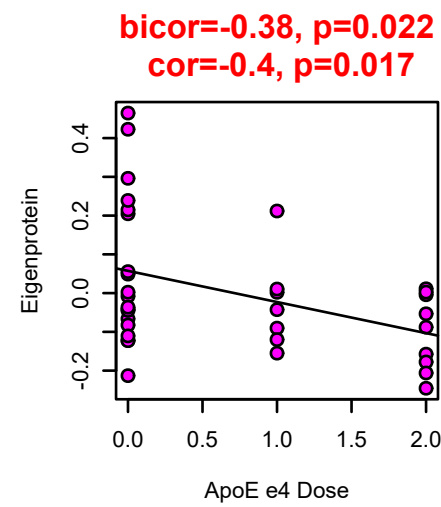
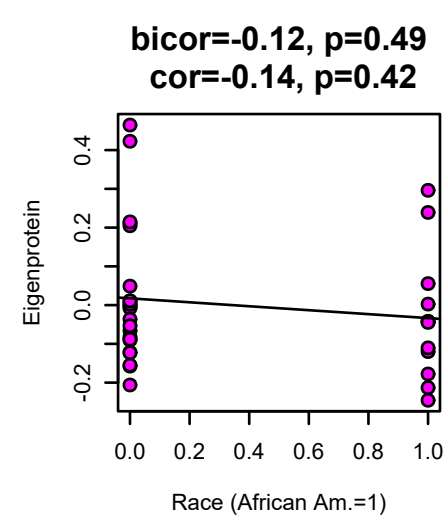
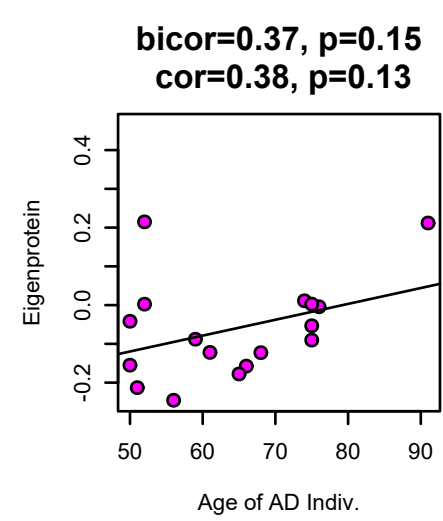
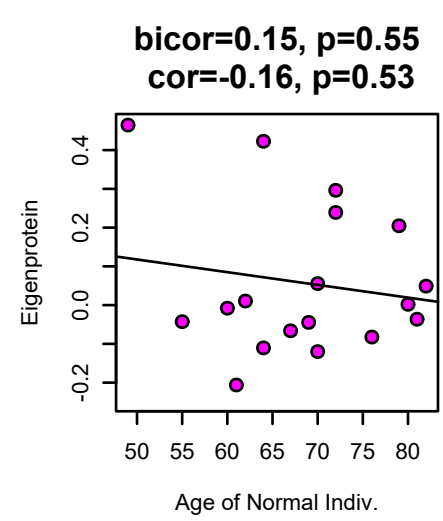
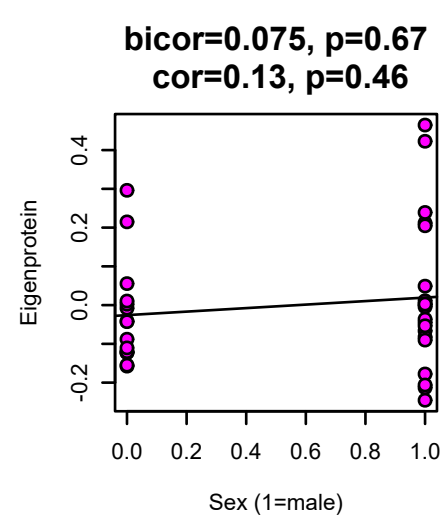
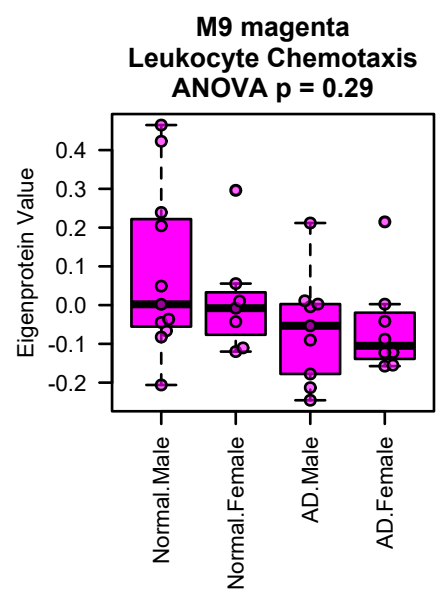
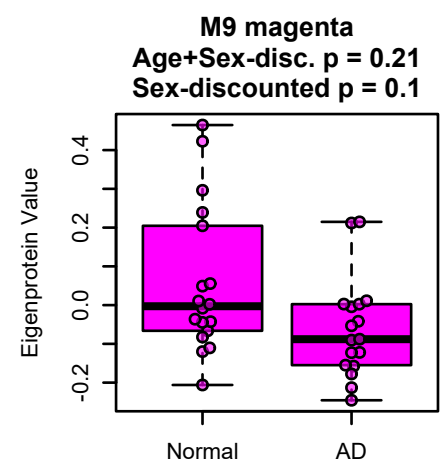


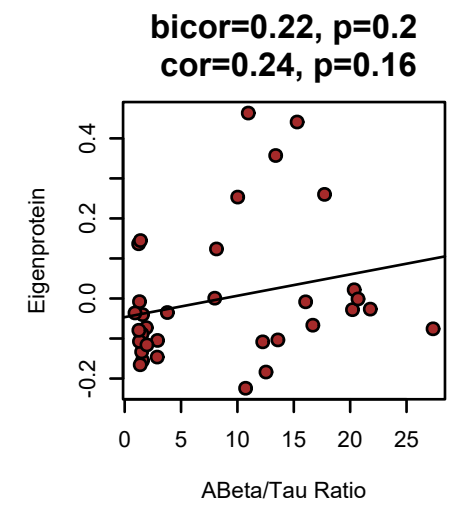
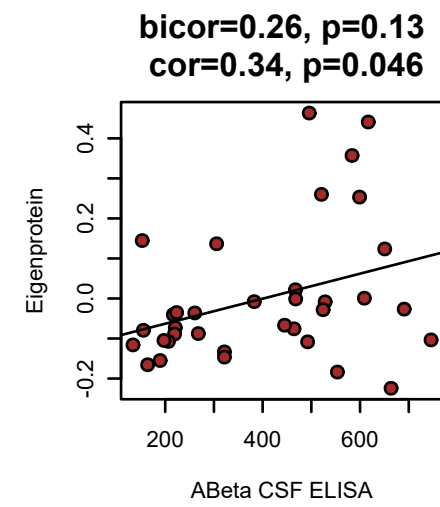
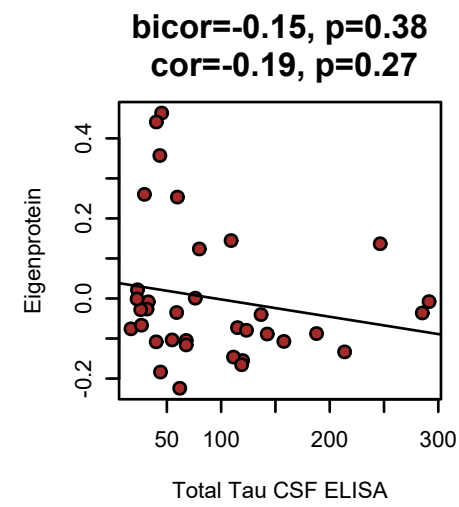
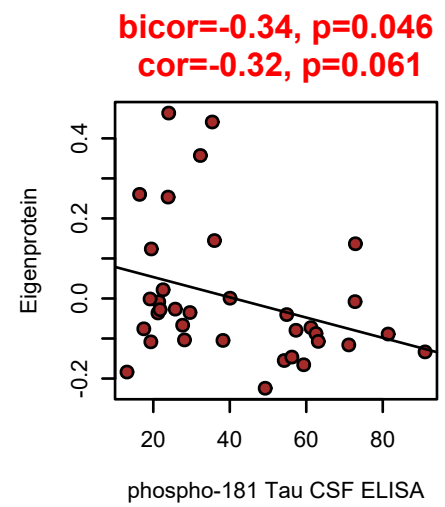
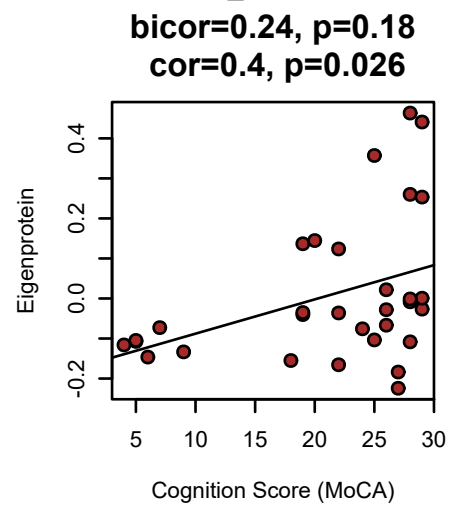
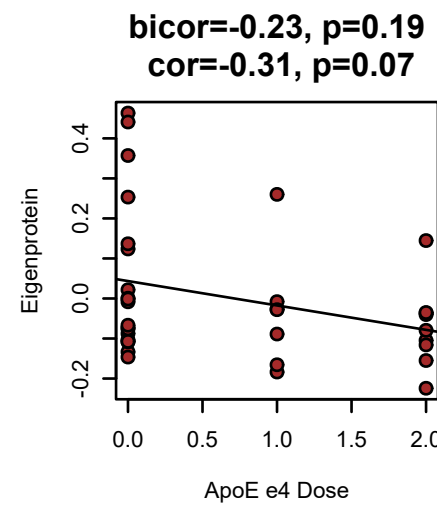
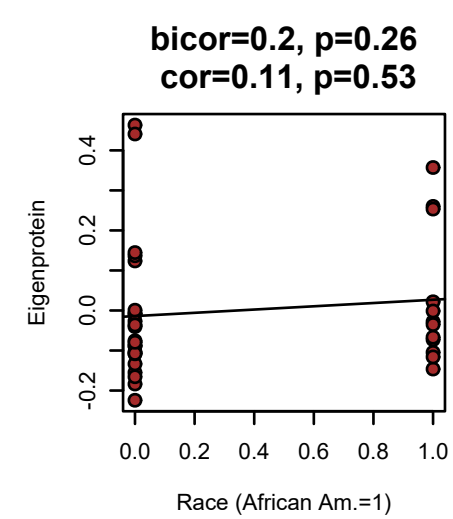
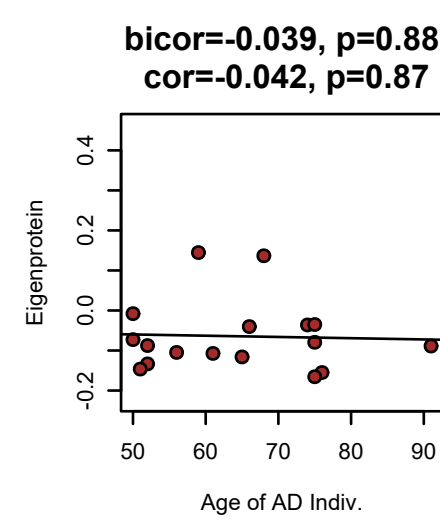
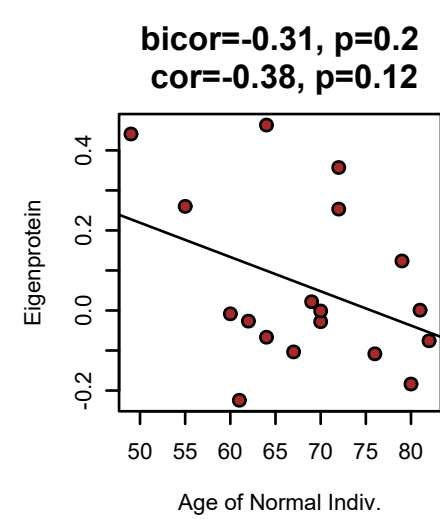
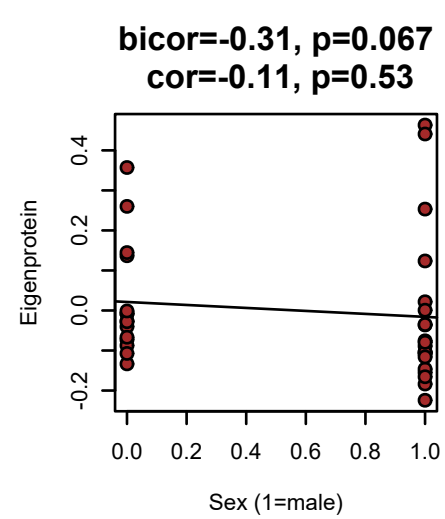
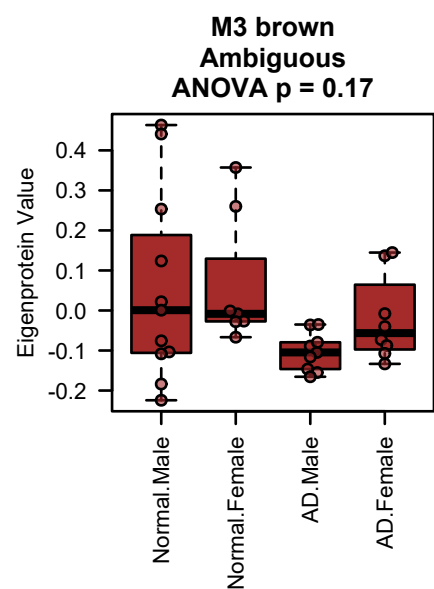
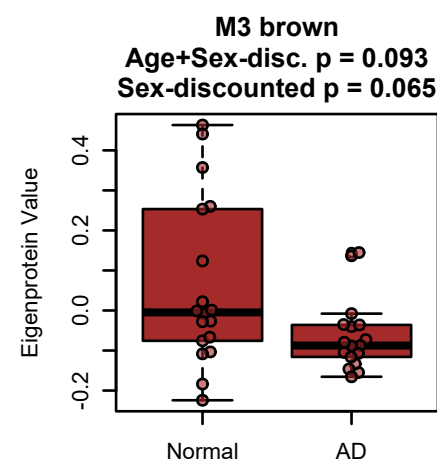
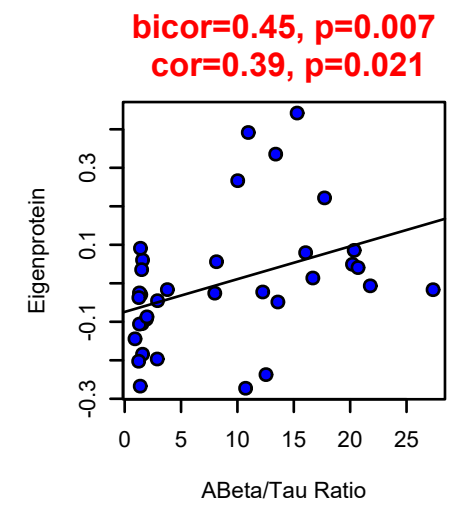
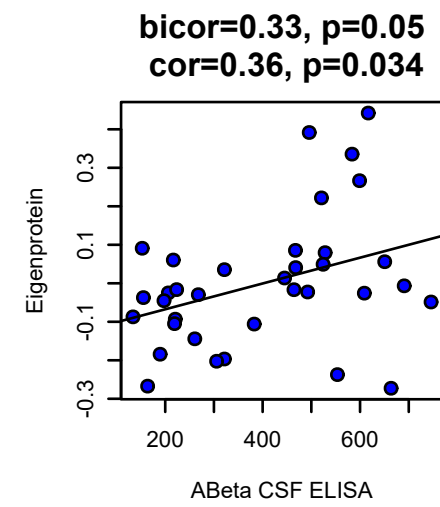
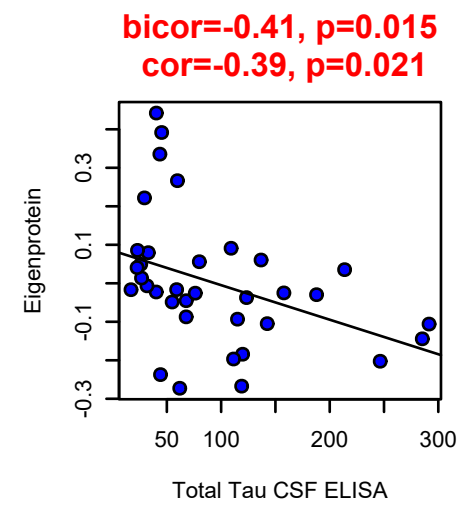
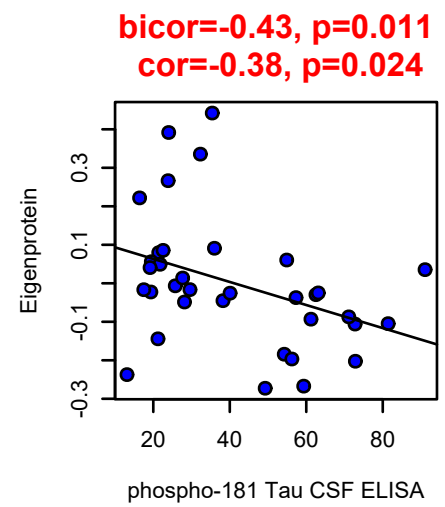
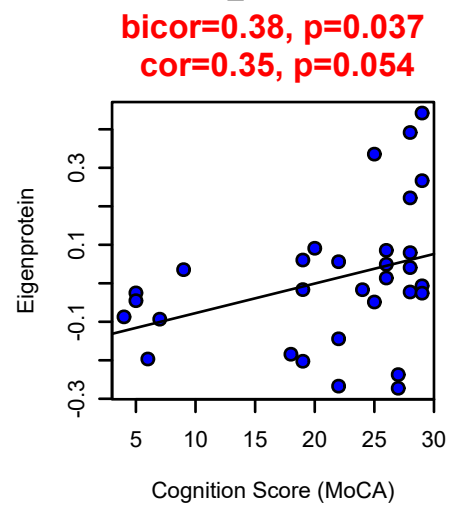
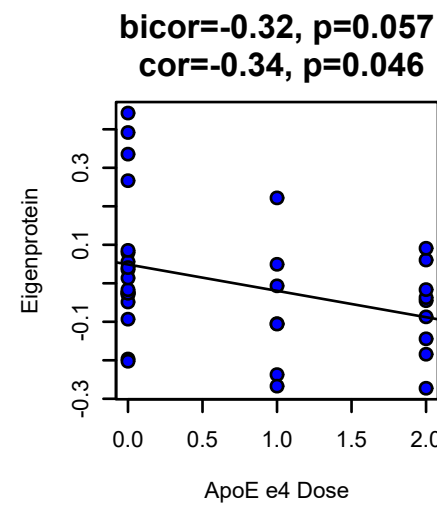
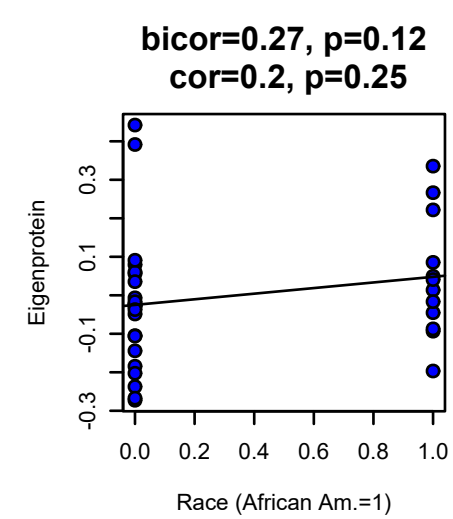
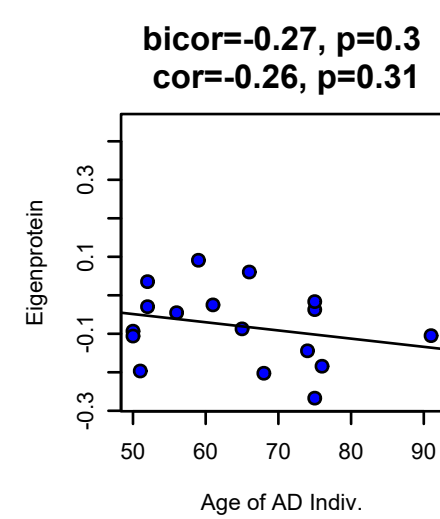
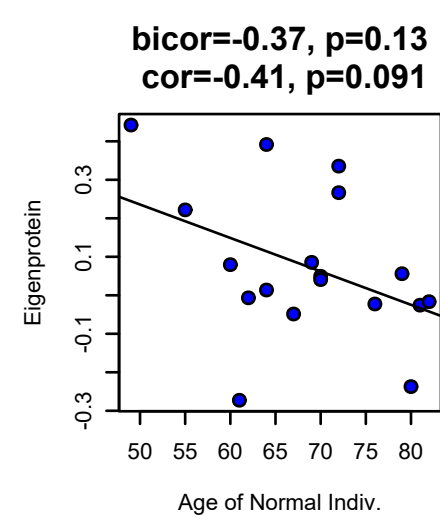
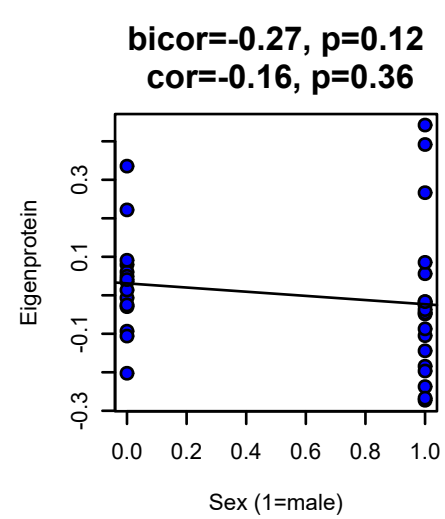
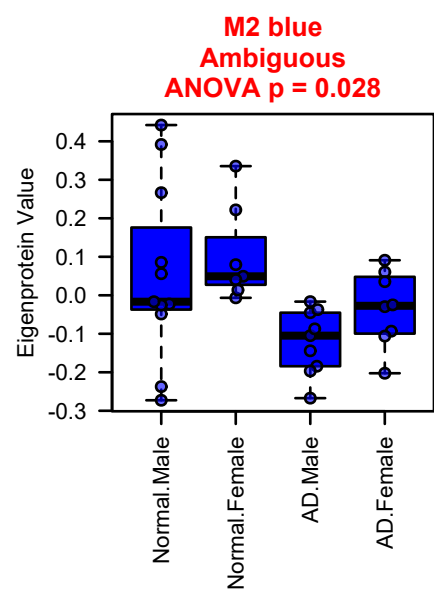
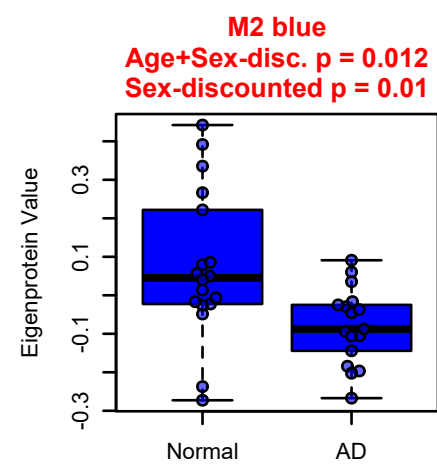
bicor=0.3, $p=0.084$
cor=0.26, $p=0.13$



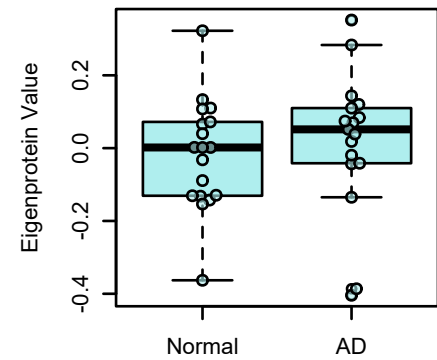
bicor=0.39, $p=0.021$
cor=0.39, $p=0.021$



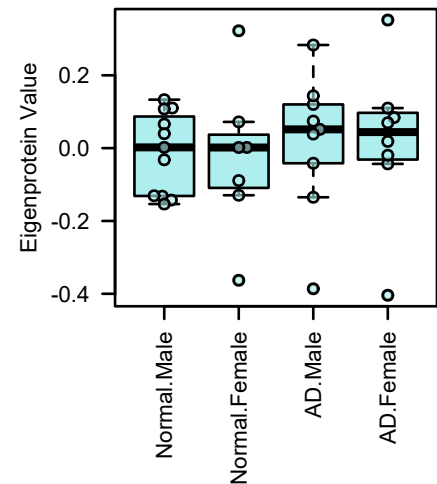




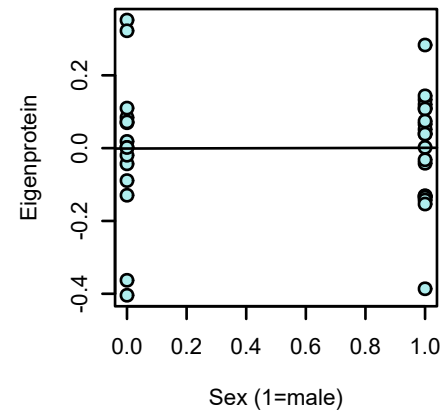
M31 paleturquoise
Age+Sex-disc. $p = 0.88$
Sex-discounted $p = 0.83$



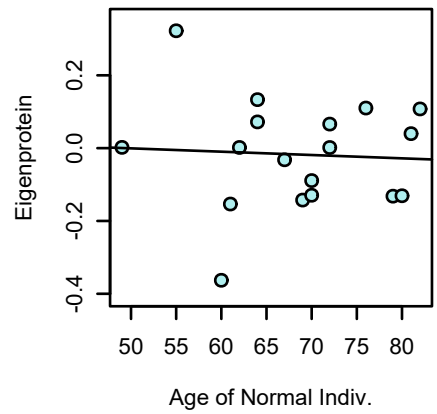
M31 paleturquoise
Adhesion/ECM
ANOVA $p = 0.95$



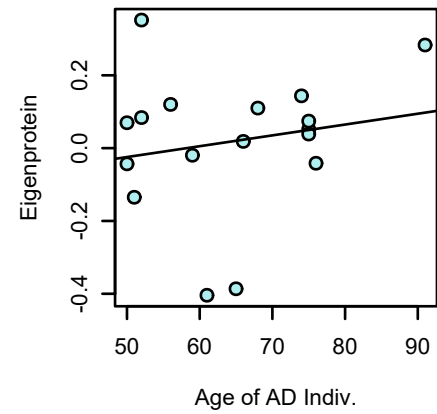
bicor=-0.0063, $p=0.97$
cor=0.0056, $p=0.97$



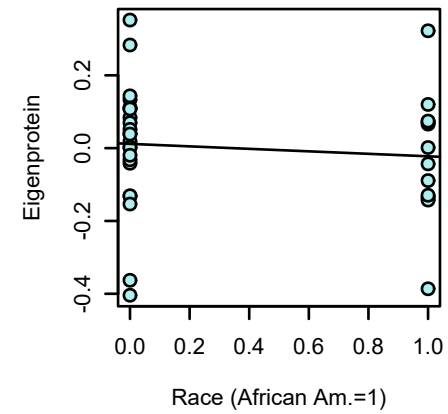
bicor=-0.037, $p=0.88$
cor=-0.056, $p=0.83$



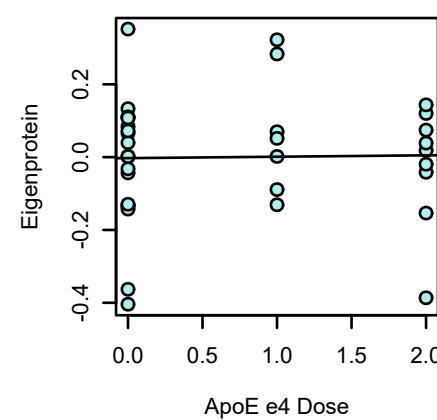
bicor=0.26, $p=0.31$
cor=0.18, $p=0.49$



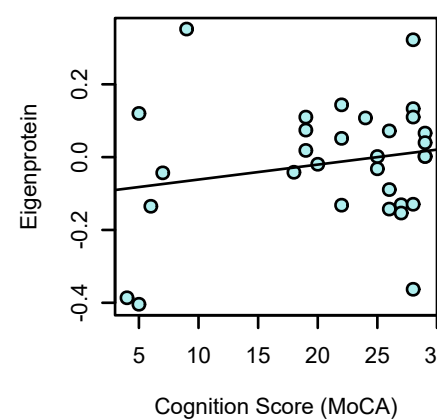
bicor=-0.12, $p=0.48$
cor=-0.096, $p=0.58$



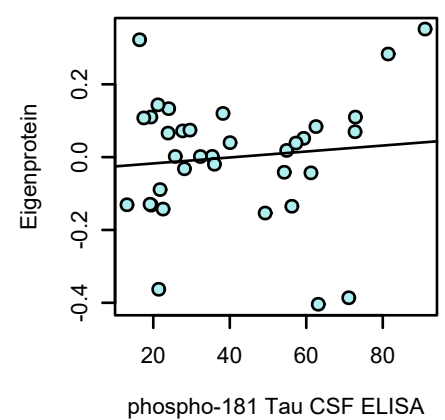
bicor=0.027, $p=0.88$
cor=0.019, $p=0.91$



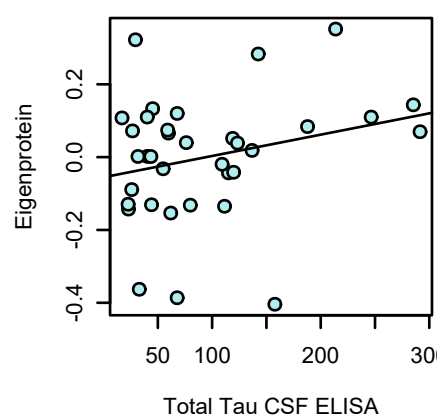
bicor=-0.022, $p=0.91$
cor=0.2, $p=0.28$



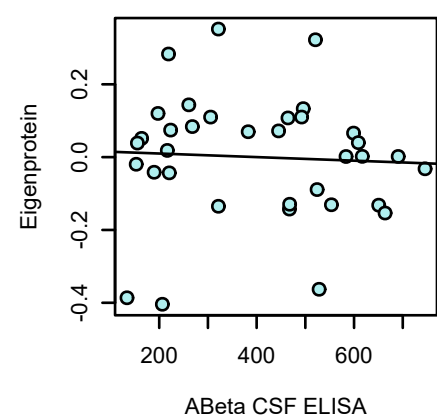
bicor=0.088, $p=0.62$
cor=0.1, $p=0.57$



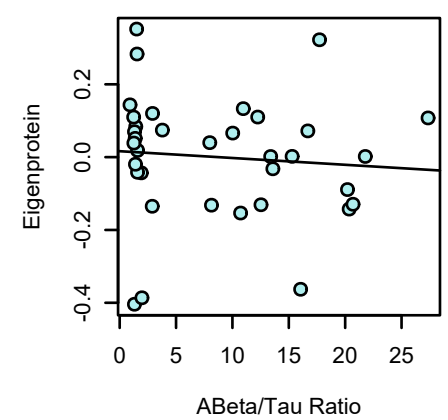
bicor=0.22, $p=0.19$
cor=0.26, $p=0.13$



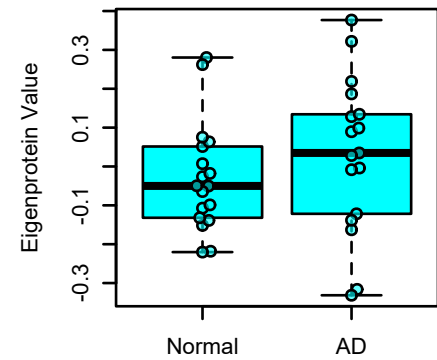
bicor=-0.12, $p=0.5$
cor=-0.053, $p=0.76$



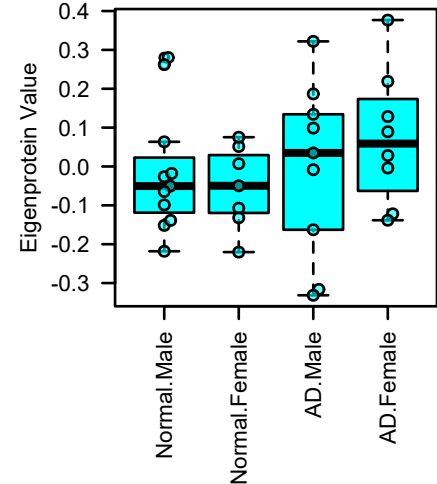
bicor=-0.16, $p=0.37$
cor=-0.085, $p=0.63$



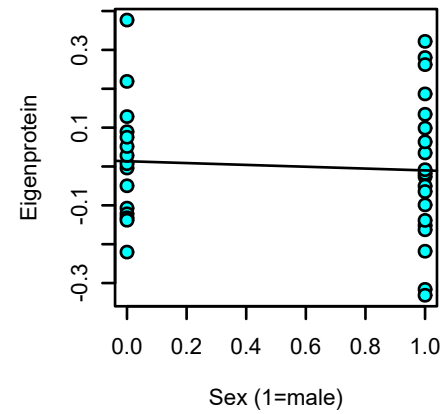
M14 cyan
Age+Sex-disc. $p = 0.76$
Sex-discounted $p = 0.56$



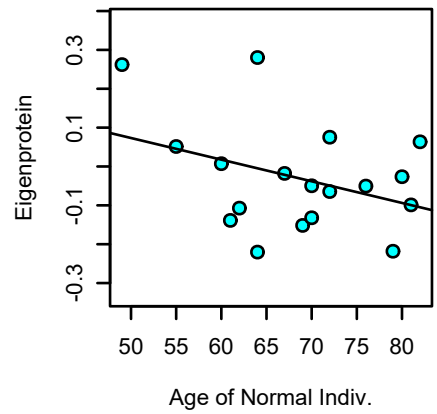
M14 cyan
Innate Immune Response
ANOVA $p = 0.72$



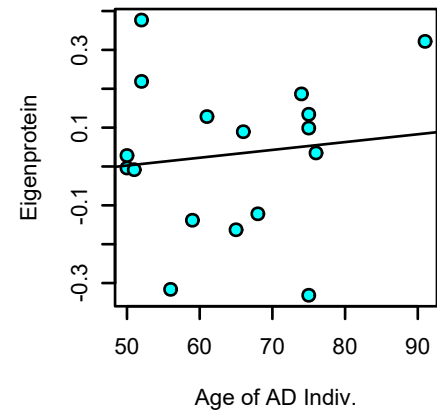
bicor=-0.06, $p=0.73$
cor=-0.069, $p=0.69$



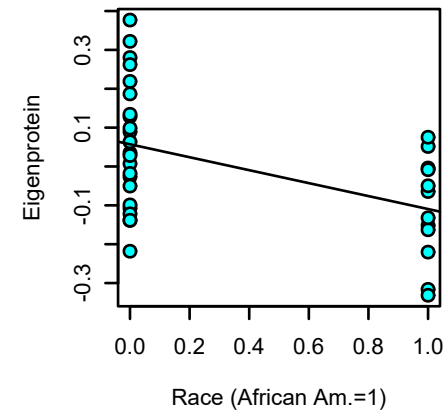
bicor=-0.3, $p=0.22$
cor=-0.37, $p=0.13$



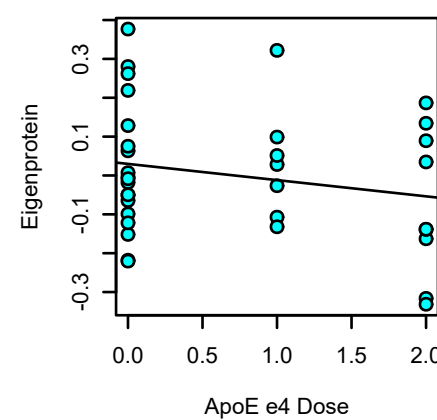
bicor=0.12, $p=0.66$
cor=0.12, $p=0.65$



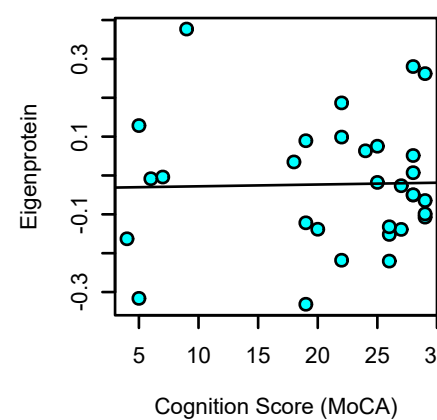
bicor=-0.46, $p=0.005$
cor=-0.47, $p=0.0044$



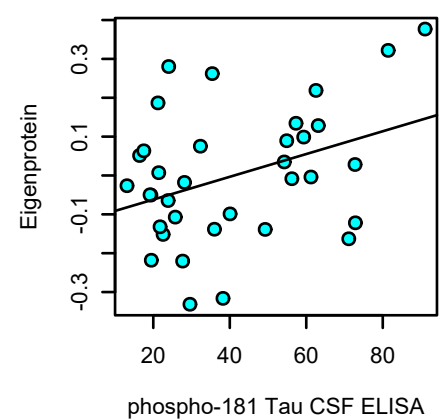
bicor=-0.19, $p=0.28$
cor=-0.21, $p=0.23$



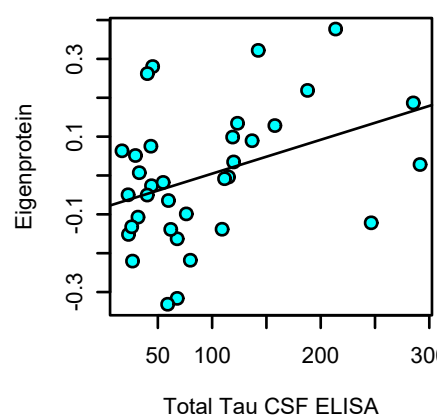
bicor=0.0074, $p=0.97$
cor=0.023, $p=0.9$



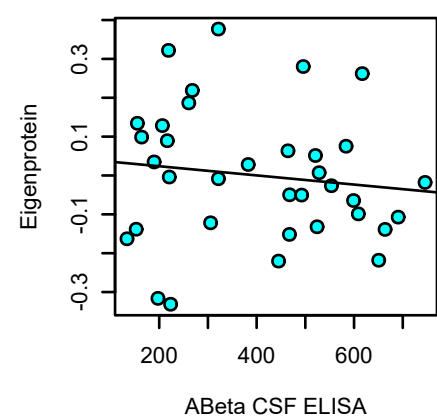
bicor=0.33, $p=0.056$
cor=0.37, $p=0.029$



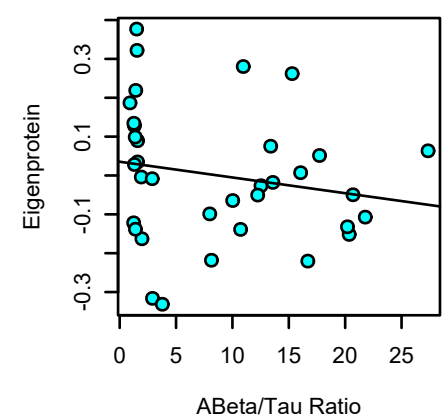
bicor=0.41, $p=0.014$
cor=0.38, $p=0.024$



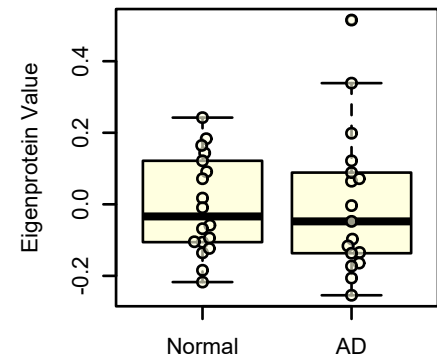
bicor=-0.16, $p=0.37$
cor=-0.13, $p=0.46$



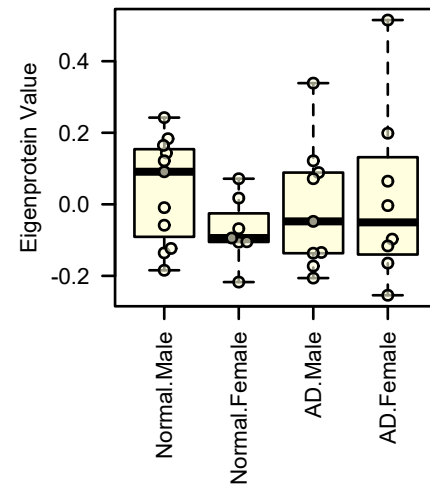
bicor=-0.2, $p=0.26$
cor=-0.18, $p=0.3$



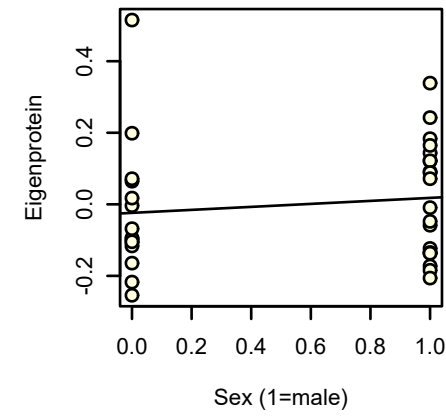
M19 lightyellow
Age+Sex-disc. $p = 0.9$
Sex-discounted $p = 0.77$



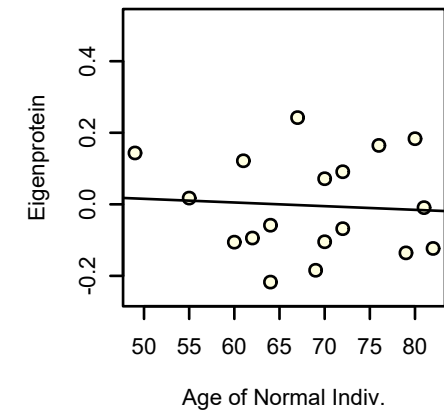
M19 lightyellow
Leukocyte Activation
ANOVA $p = 0.73$



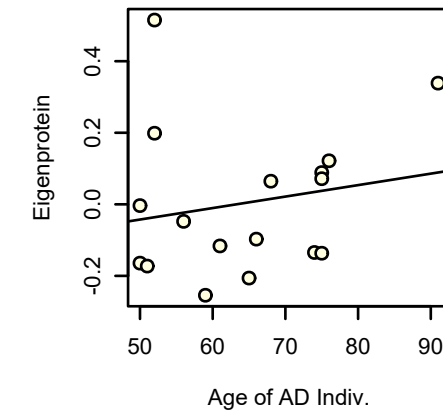
bicor=0.17, $p=0.32$
cor=0.12, $p=0.49$



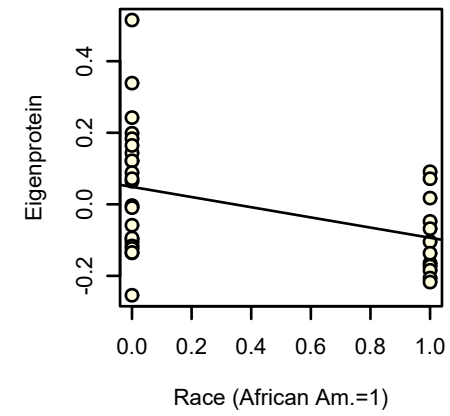
bicor=-0.07, $p=0.78$
cor=-0.069, $p=0.79$



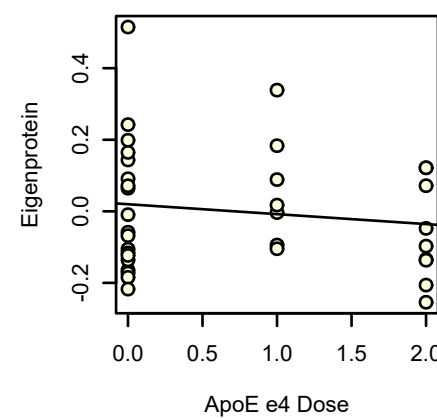
bicor=0.24, $p=0.35$
cor=0.19, $p=0.47$



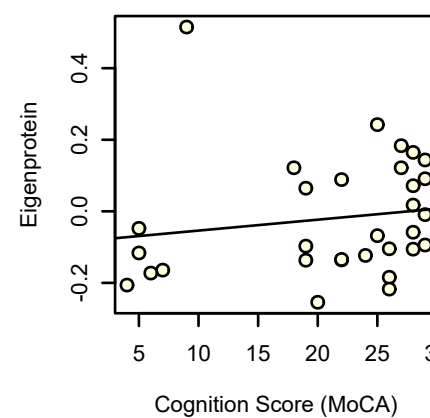
bicor=-0.4, $p=0.018$
cor=-0.4, $p=0.017$



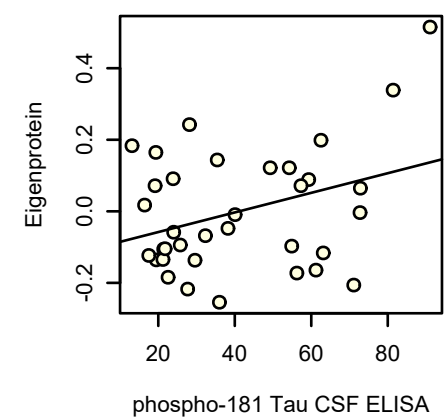
bicor=-0.11, $p=0.52$
cor=-0.14, $p=0.42$



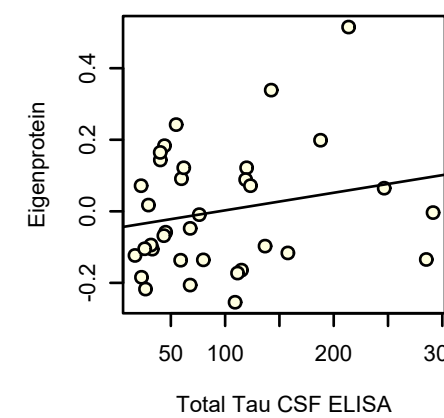
bicor=0.18, $p=0.32$
cor=0.15, $p=0.42$



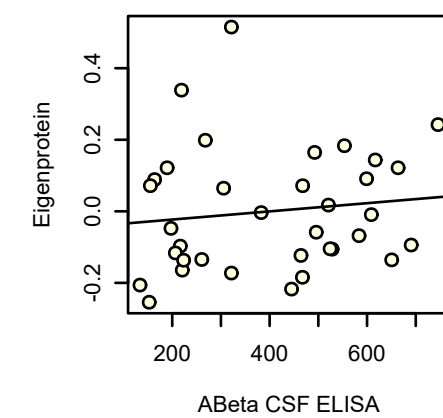
bicor=0.28, $p=0.11$
cor=0.35, $p=0.039$



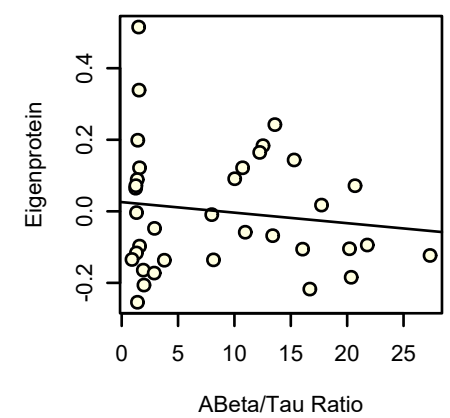
bicor=0.27, $p=0.12$
cor=0.21, $p=0.23$



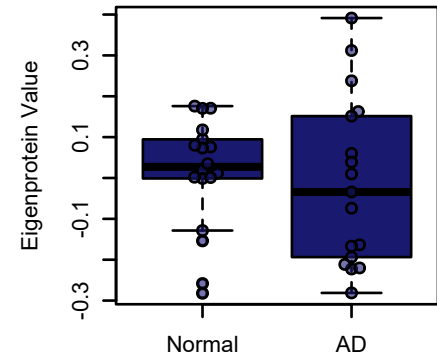
bicor=0.1, $p=0.57$
cor=0.12, $p=0.49$



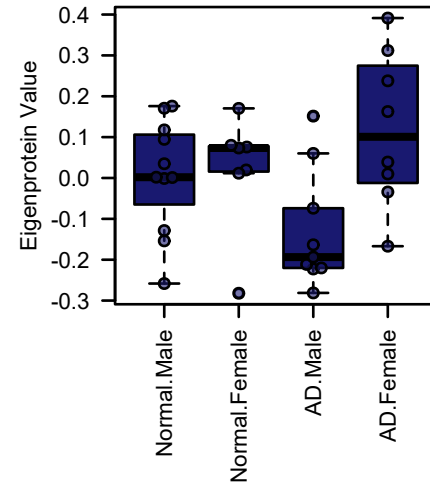
bicor=-0.067, $p=0.7$
cor=-0.13, $p=0.46$



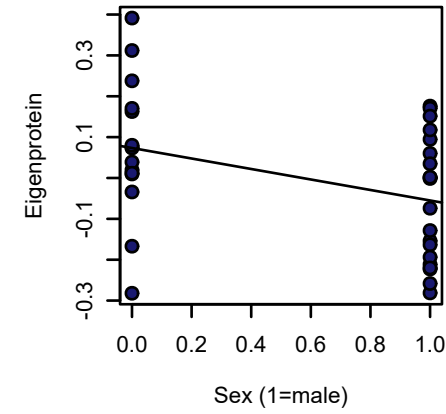
M15 midnightblue
Age+Sex-disc. $p = 0.13$
Sex-discounted $p = 0.072$



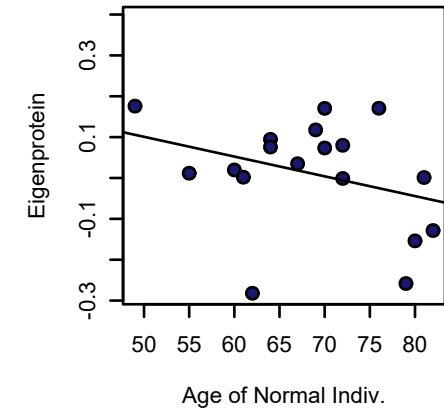
M15 midnightblue
Lipid Biosynthesis/Immune Respor
ANOVA $p = 0.048$



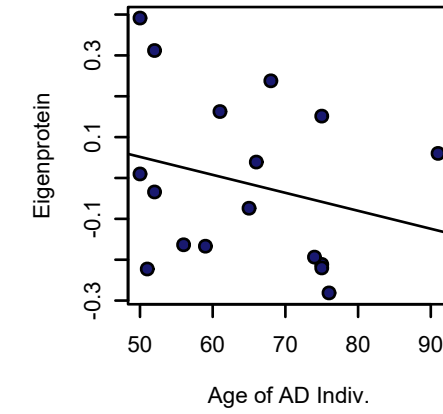
bicor=-0.37, $p=0.028$
cor=-0.38, $p=0.024$



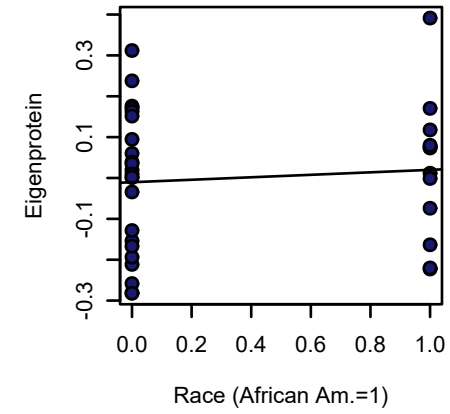
bicor=-0.37, $p=0.13$
cor=-0.33, $p=0.18$



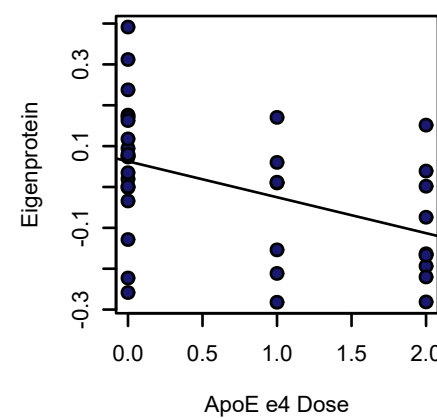
bicor=-0.26, $p=0.32$
cor=-0.26, $p=0.31$



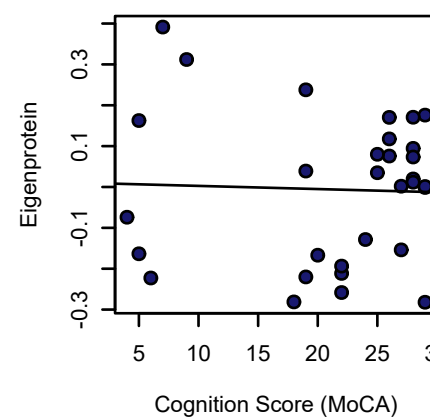
bicor=0.076, $p=0.67$
cor=0.085, $p=0.63$



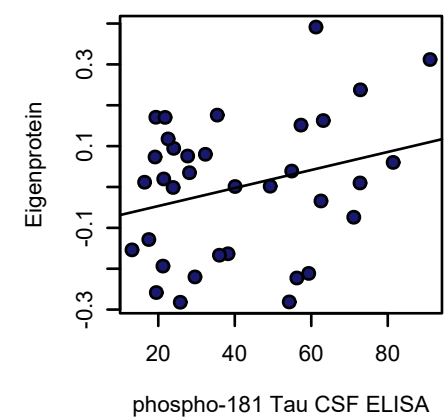
bicor=-0.44, $p=0.0076$
cor=-0.44, $p=0.0082$



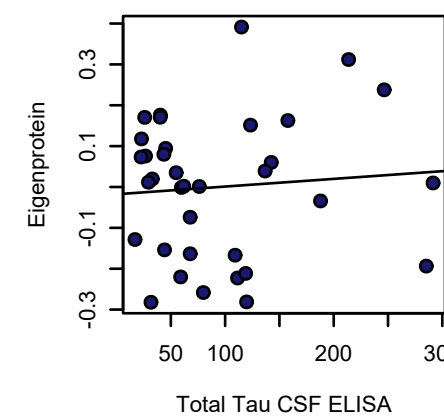
bicor=0.13, $p=0.48$
cor=-0.036, $p=0.85$



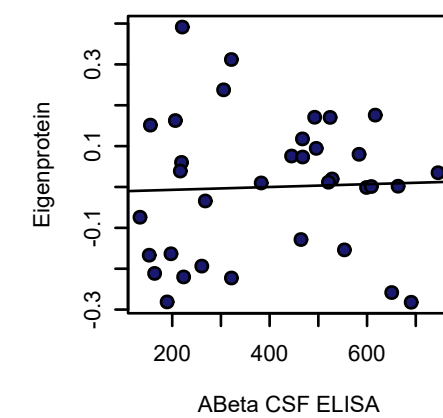
bicor=0.22, $p=0.21$
cor=0.28, $p=0.1$



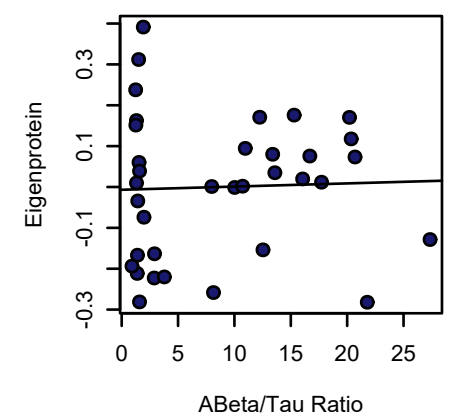
bicor=0.058, $p=0.74$
cor=0.082, $p=0.64$

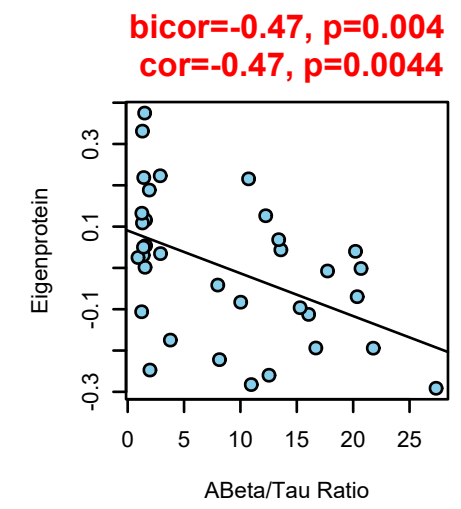
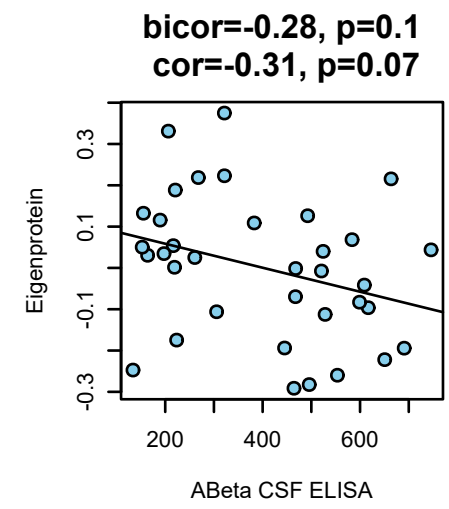
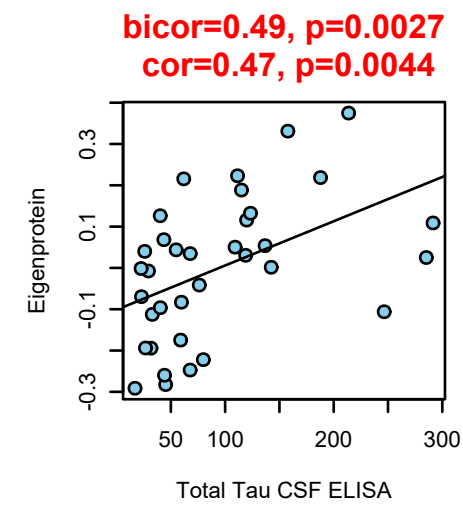
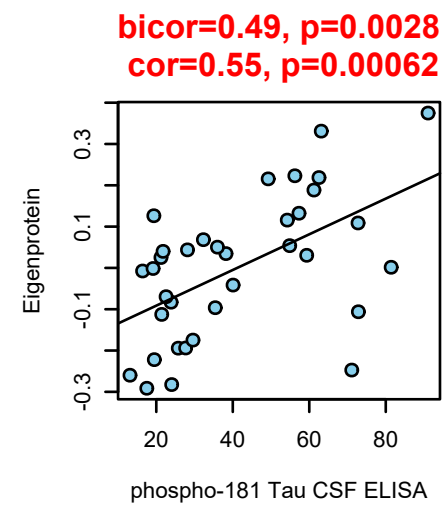
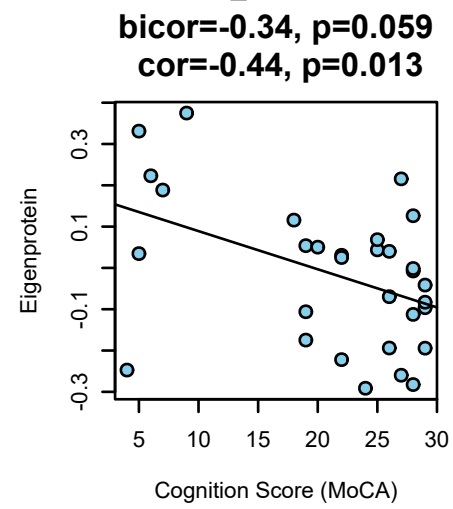
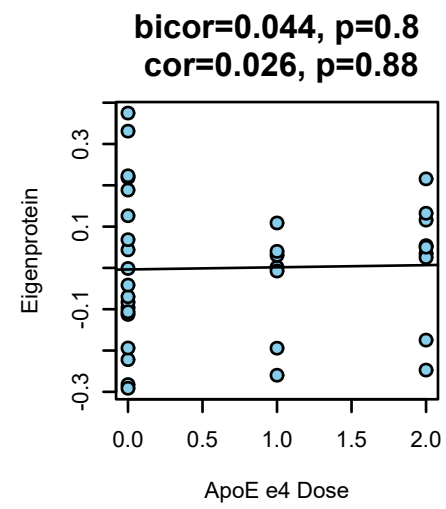
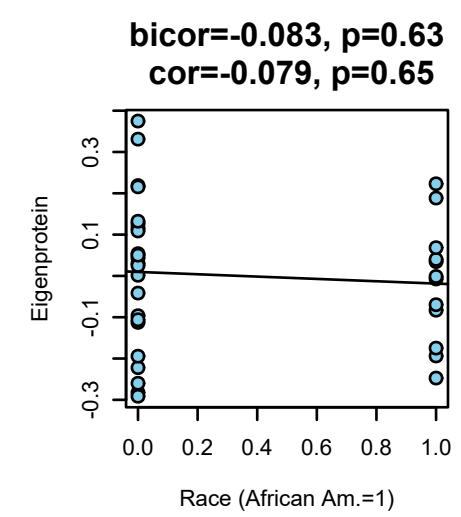
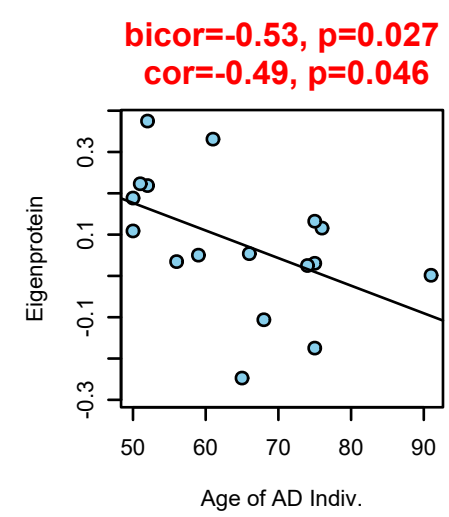
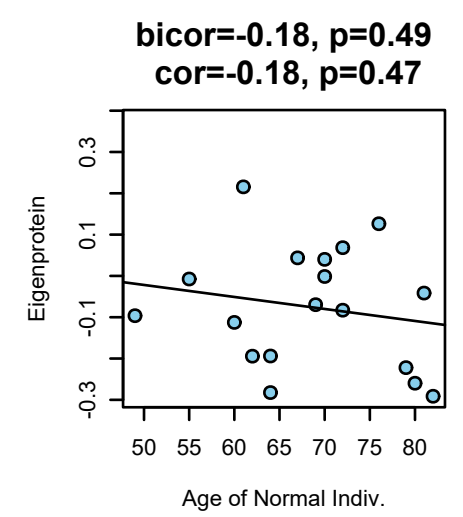
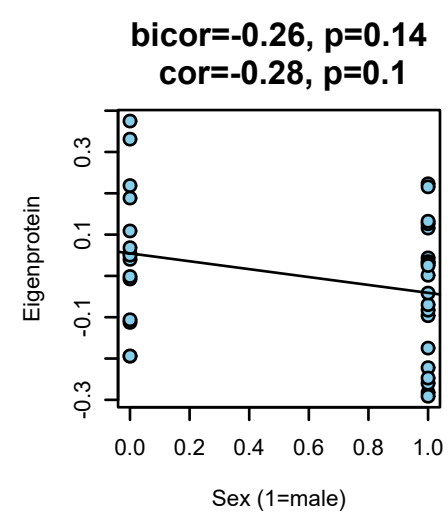
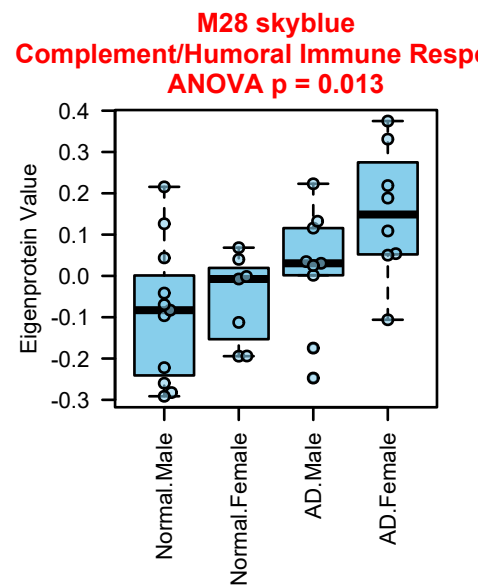
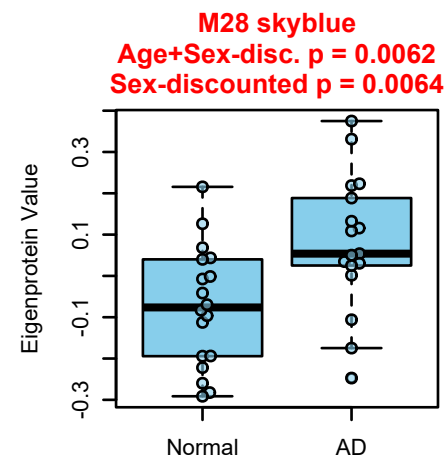
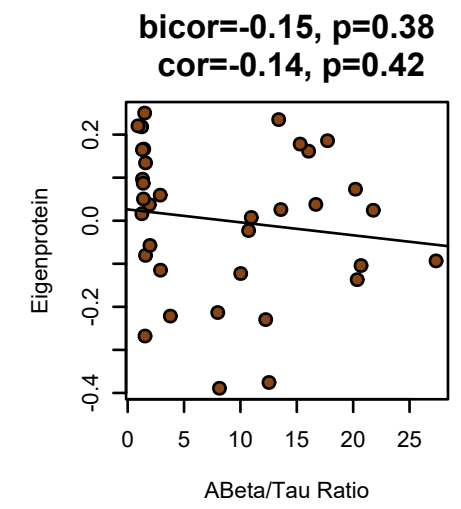
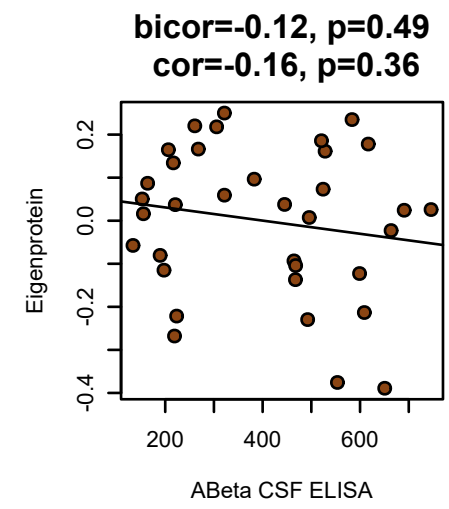
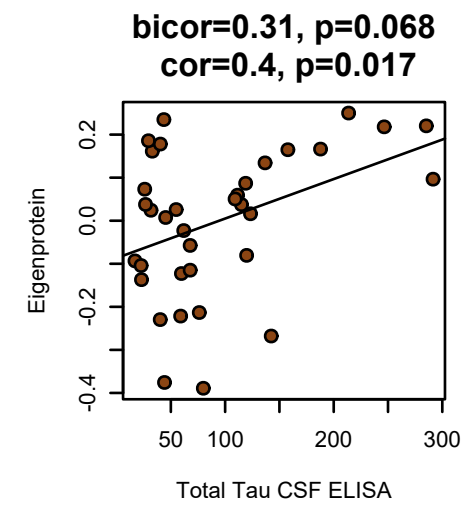
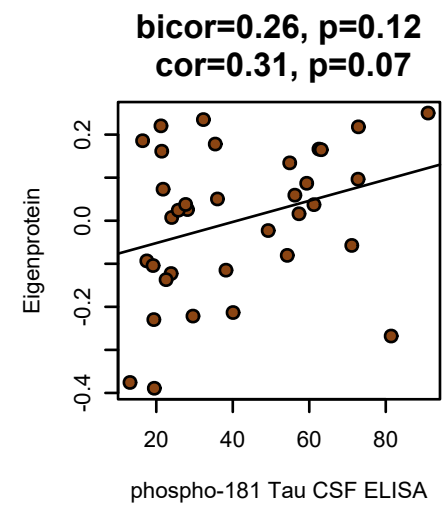
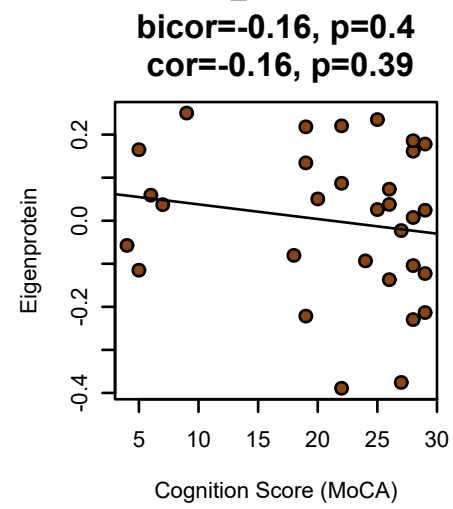
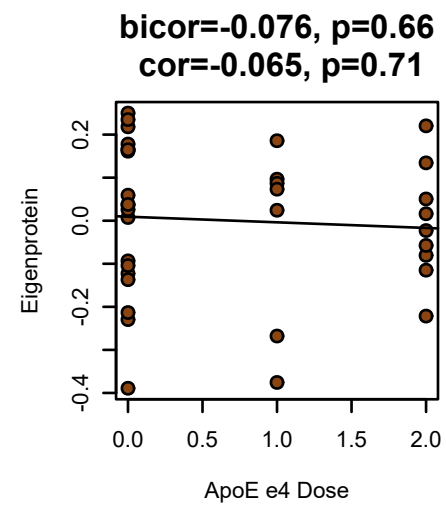
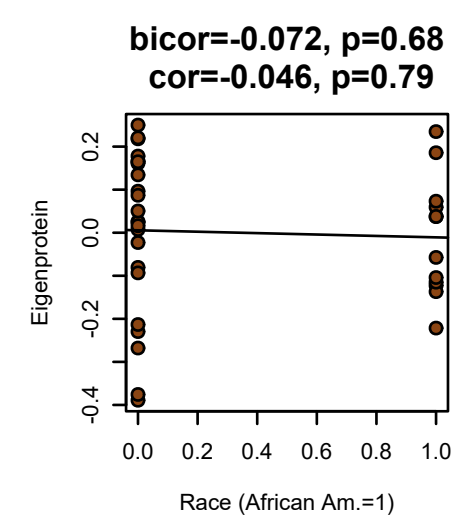
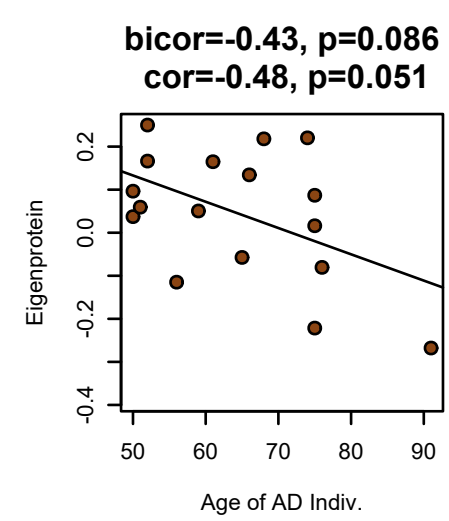
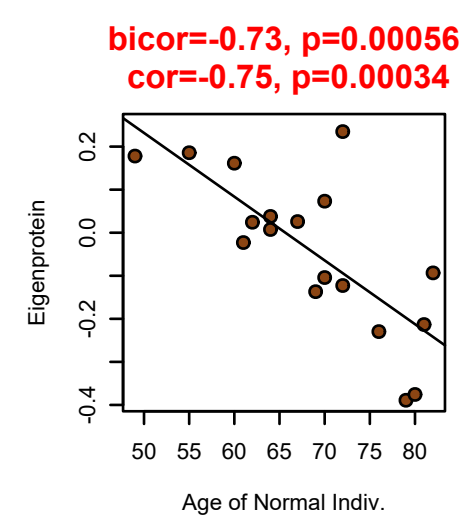
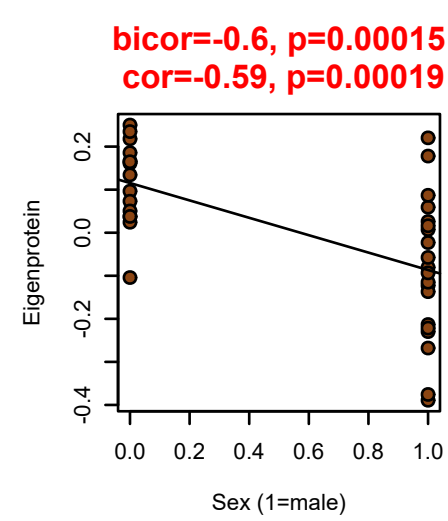
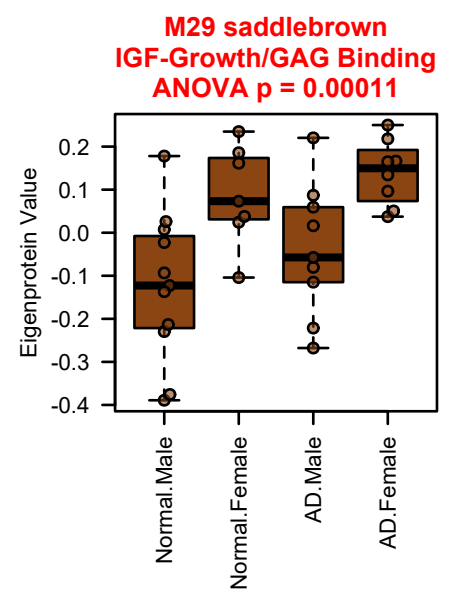
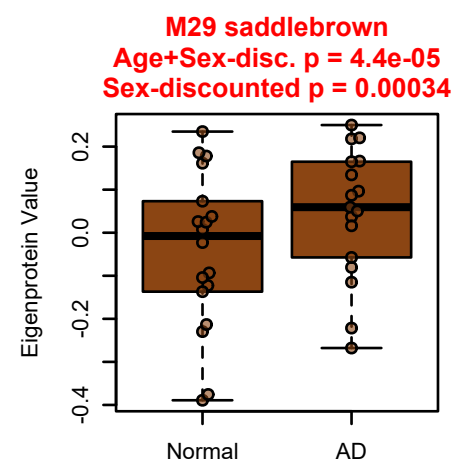


bicor=0.065, $p=0.71$
cor=0.037, $p=0.83$

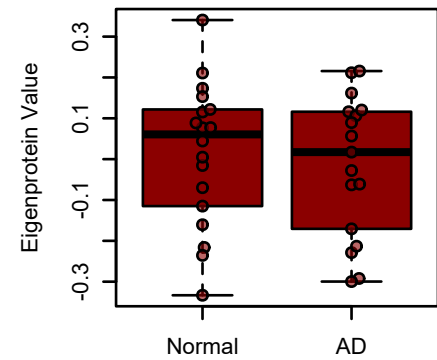


bicor=0.061, $p=0.73$
cor=0.035, $p=0.84$

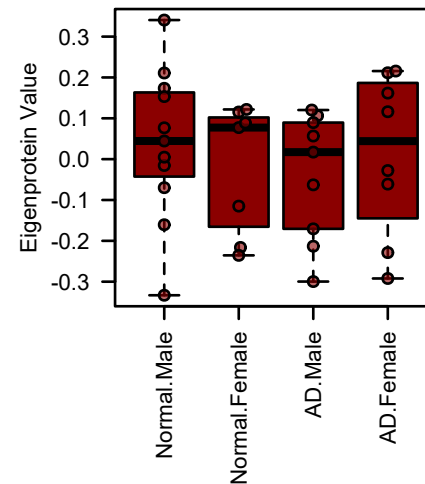




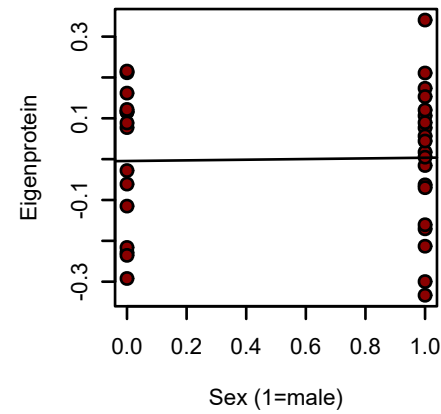
M21 darkred
Age+Sex-disc. $p = 0.62$
Sex-discounted $p = 0.88$



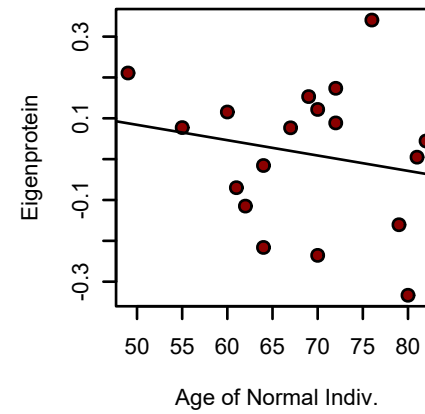
M21 darkred
Metal Ion Homeostasis
ANOVA $p = 0.69$



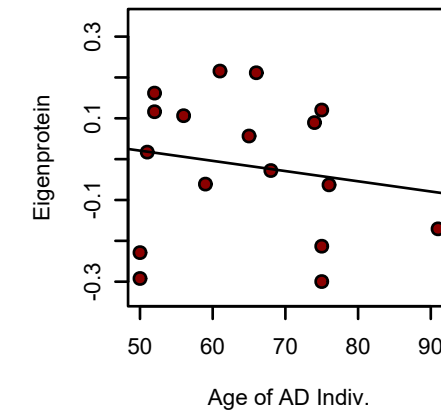
bicor=0.019, $p=0.92$
cor=0.023, $p=0.9$



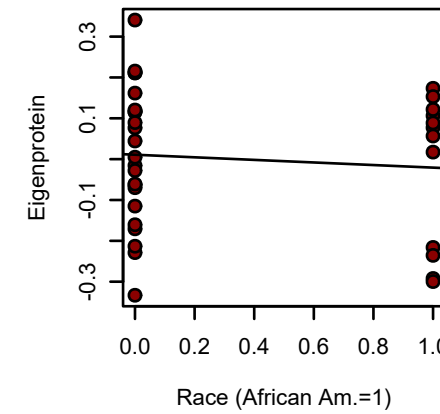
bicor=-0.13, $p=0.61$
cor=-0.2, $p=0.43$



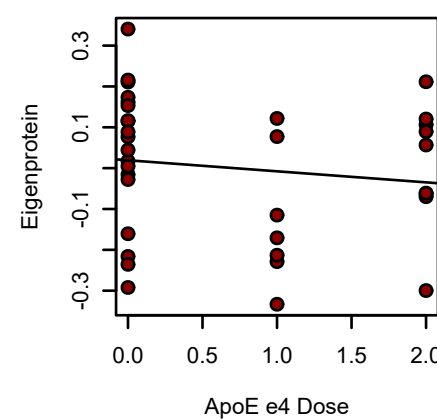
bicor=-0.18, $p=0.49$
cor=-0.17, $p=0.51$



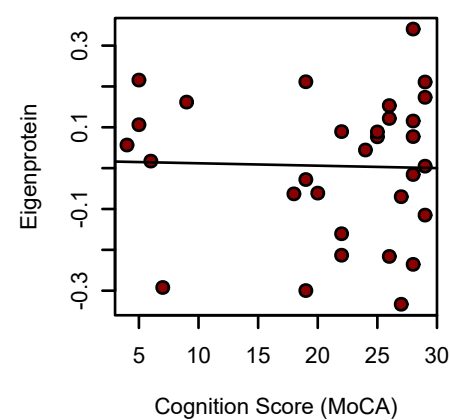
bicor=-0.061, $p=0.73$
cor=-0.089, $p=0.61$



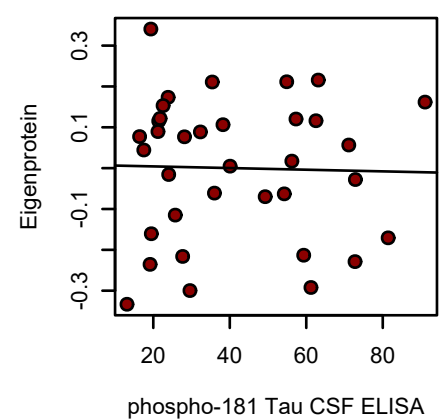
bicor=-0.13, $p=0.45$
cor=-0.14, $p=0.42$



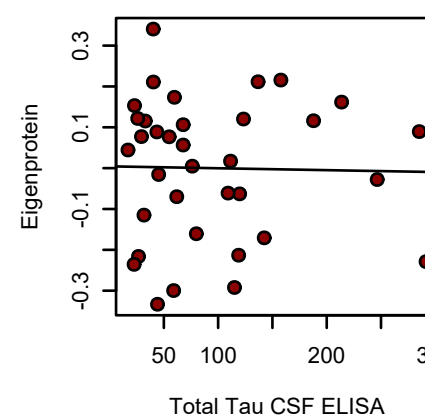
bicor=0.16, $p=0.39$
cor=-0.029, $p=0.88$



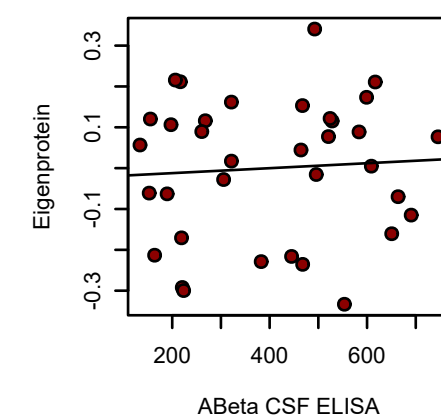
bicor=-0.093, $p=0.6$
cor=-0.026, $p=0.88$



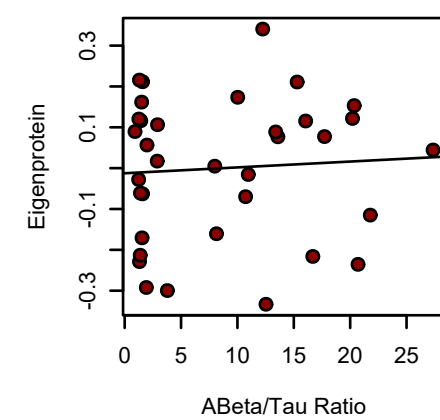
bicor=-0.066, $p=0.71$
cor=-0.02, $p=0.91$



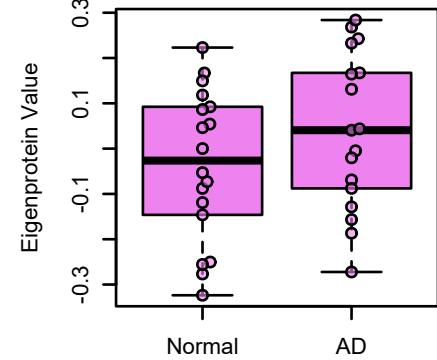
bicor=0.11, $p=0.54$
cor=0.065, $p=0.71$



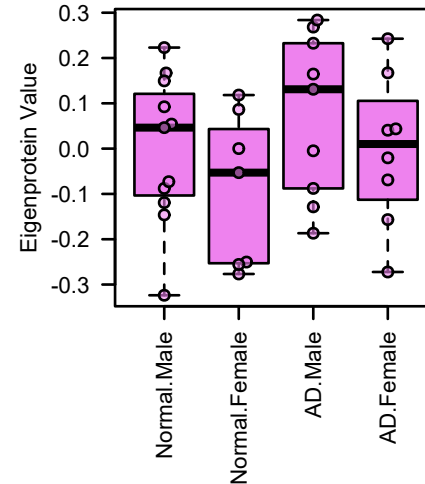
bicor=0.051, $p=0.77$
cor=0.065, $p=0.71$



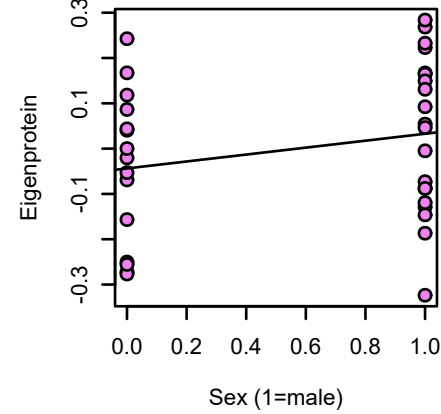
M32 violet
Age+Sex-disc. $p = 0.27$
Sex-discounted $p = 0.16$



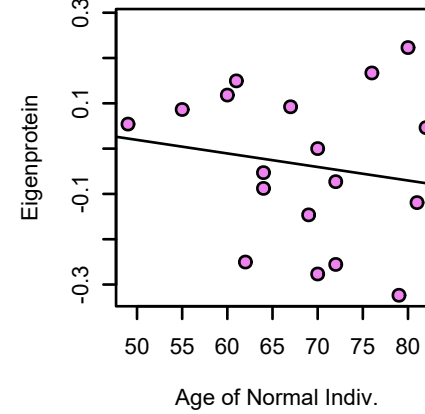
M32 violet
Lipoprotein Metabolism
ANOVA $p = 0.42$



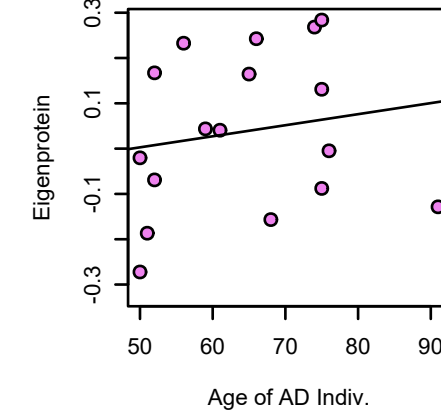
bicor=0.22, $p=0.21$
cor=0.22, $p=0.2$



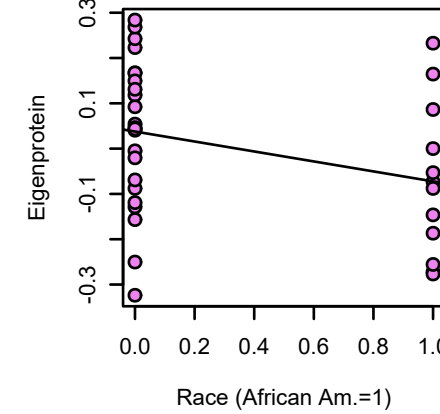
bicor=-0.16, $p=0.53$
cor=-0.17, $p=0.5$



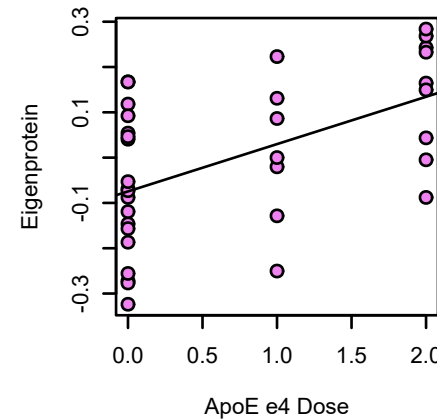
bicor=0.17, $p=0.51$
cor=0.17, $p=0.51$



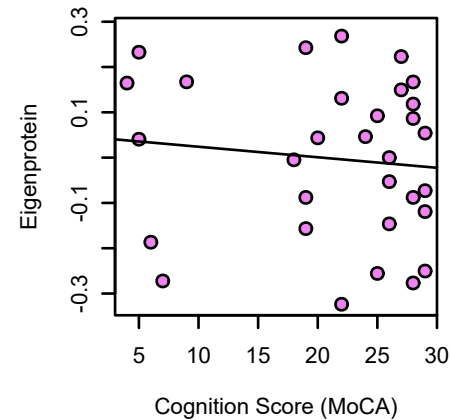
bicor=-0.31, $p=0.068$
cor=-0.31, $p=0.07$



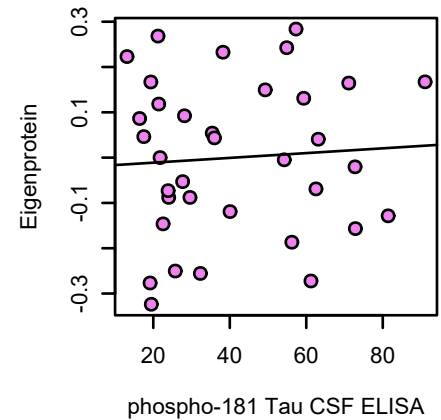
bicor=0.52, $p=0.0014$
cor=0.52, $p=0.0014$



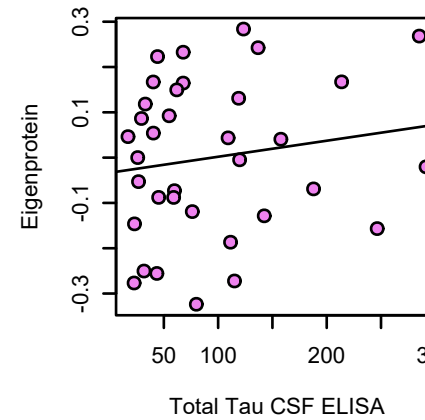
bicor=-0.038, $p=0.84$
cor=-0.11, $p=0.56$



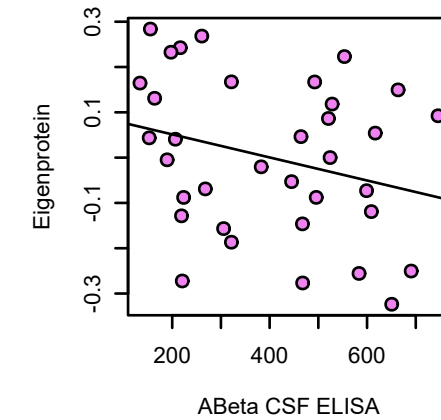
bicor=0.057, $p=0.74$
cor=0.067, $p=0.7$



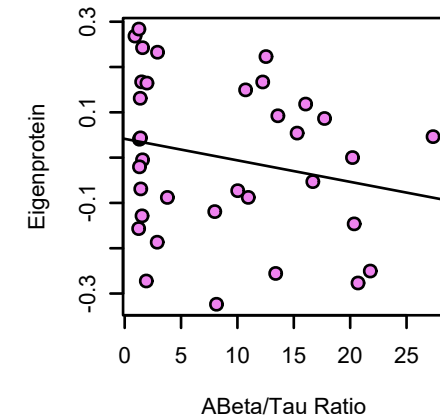
bicor=0.13, $p=0.47$
cor=0.15, $p=0.39$



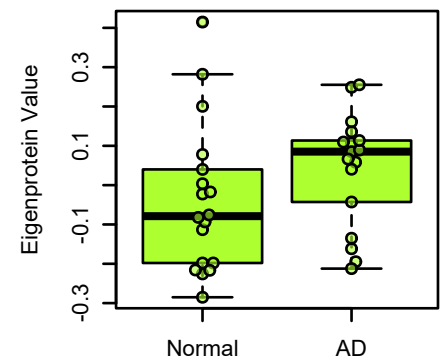
bicor=-0.25, $p=0.14$
cor=-0.27, $p=0.12$



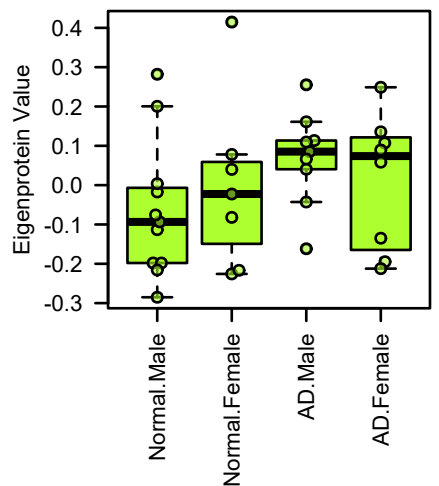
bicor=-0.21, $p=0.23$
cor=-0.22, $p=0.2$



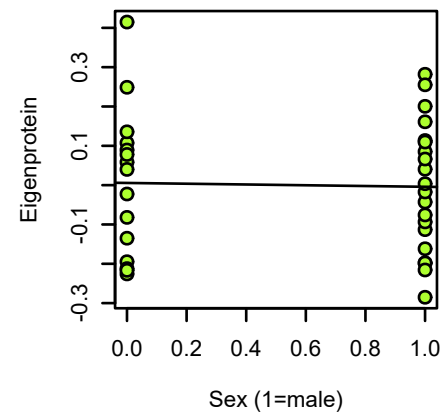
M11 greenyellow
Age+Sex-disc. $p = 0.56$
Sex-discounted $p = 0.37$



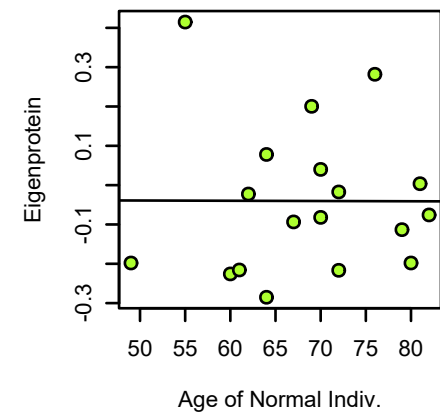
M11 greenyellow
Immunoglobulins/Coagulation Casc
ANOVA $p = 0.51$



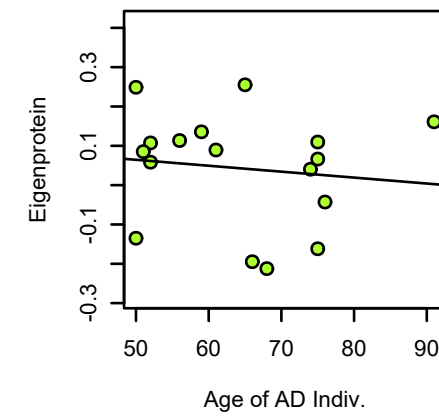
bicor=-0.014, $p=0.93$
cor=-0.029, $p=0.87$



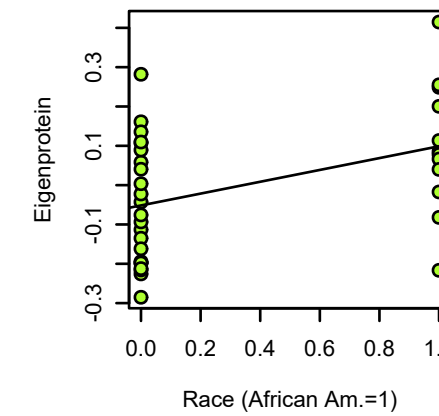
bicor=0.052, $p=0.84$
cor=-0.0031, $p=0.99$



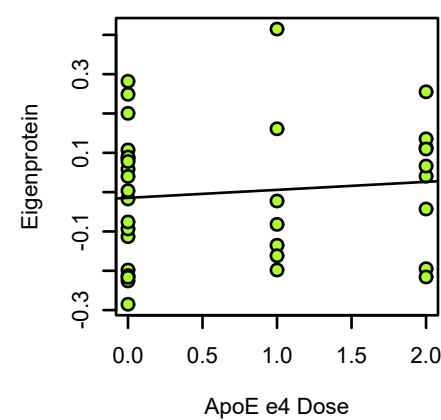
bicor=-0.13, $p=0.61$
cor=-0.13, $p=0.62$



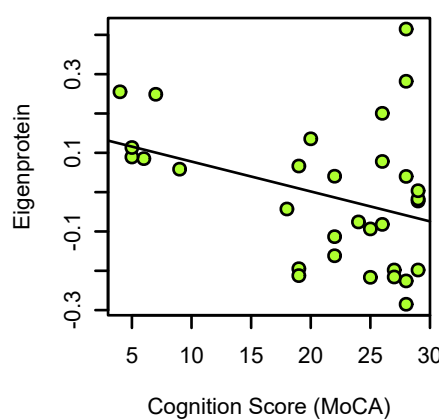
bicor=0.42, $p=0.013$
cor=0.42, $p=0.012$



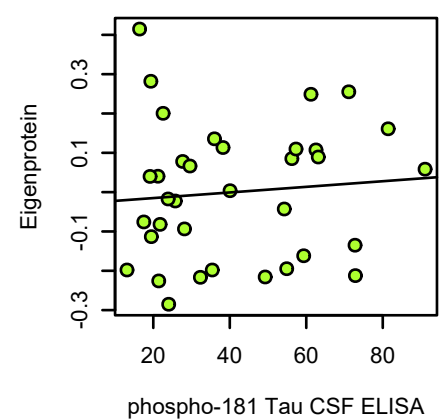
bicor=0.1, $p=0.56$
cor=0.1, $p=0.57$



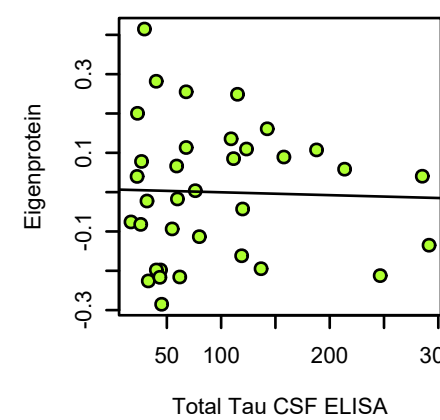
bicor=-0.17, $p=0.36$
cor=-0.36, $p=0.047$



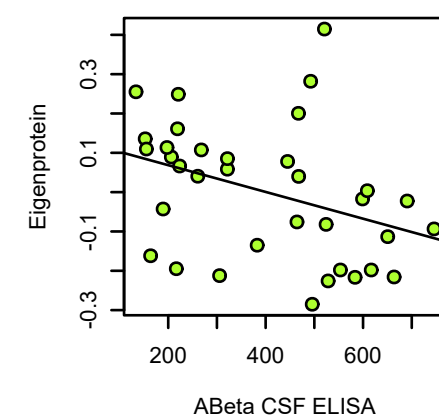
bicor=0.096, $p=0.58$
cor=0.09, $p=0.61$



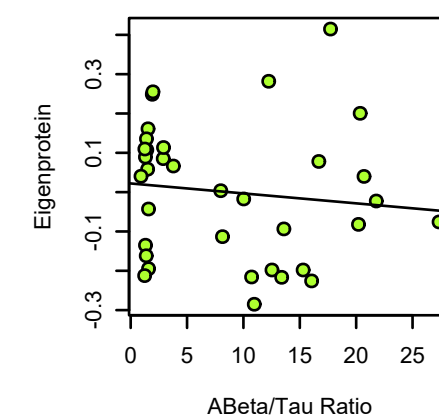
bicor=0.039, $p=0.82$
cor=-0.032, $p=0.86$



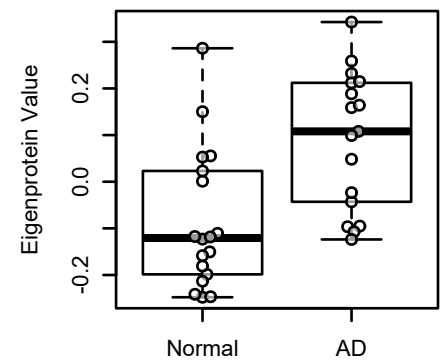
bicor=-0.38, $p=0.024$
cor=-0.37, $p=0.029$



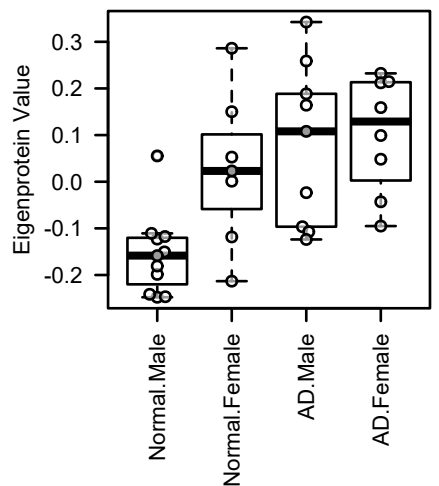
bicor=-0.15, $p=0.38$
cor=-0.12, $p=0.49$



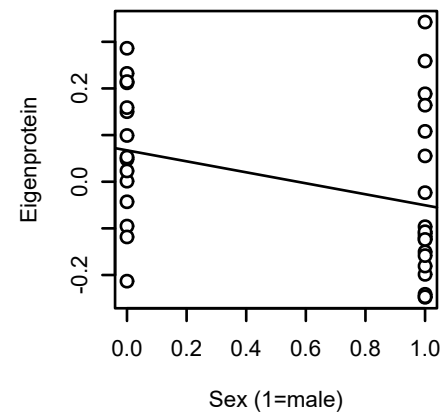
M27 white
Age+Sex-disc. $p = 0.0019$
Sex-discounted $p = 0.00075$



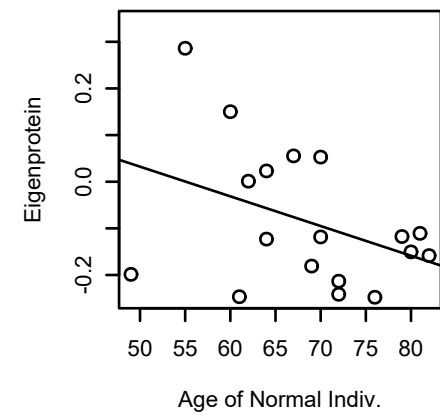
M27 white
Collagen/ECM
ANOVA $p = 0.0011$



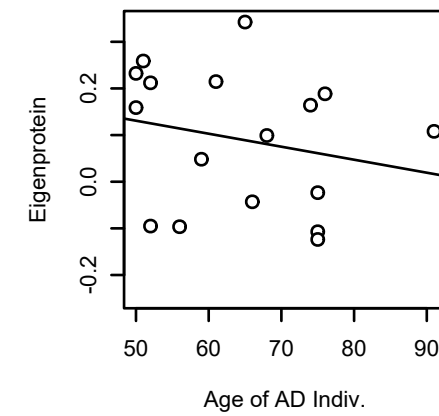
bicor=-0.36, $p=0.035$
cor=-0.34, $p=0.046$



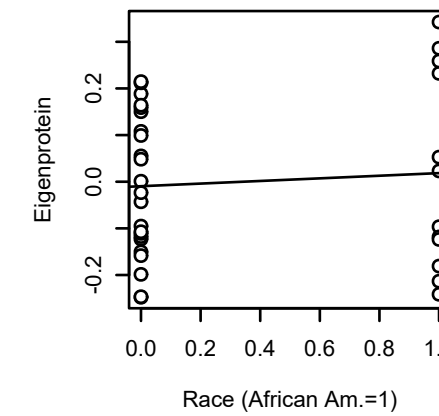
bicor=-0.39, $p=0.11$
cor=-0.39, $p=0.11$



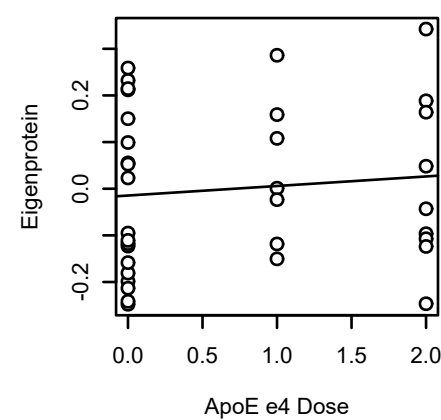
bicor=-0.23, $p=0.37$
cor=-0.23, $p=0.37$



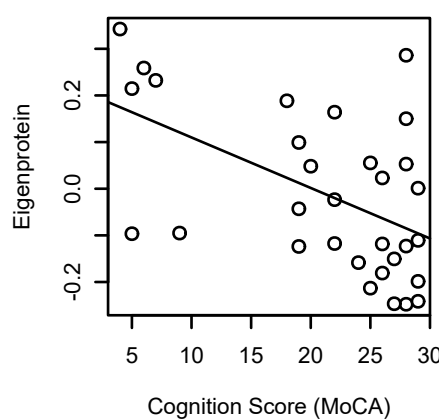
bicor=0.057, $p=0.75$
cor=0.079, $p=0.65$



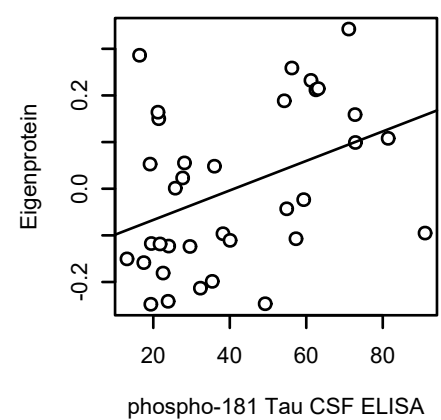
bicor=0.094, $p=0.59$
cor=0.1, $p=0.57$



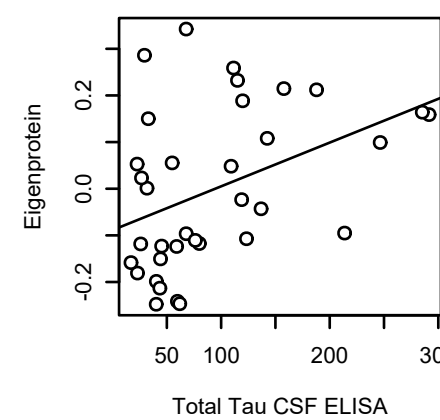
bicor=-0.42, $p=0.018$
cor=-0.52, $p=0.0027$



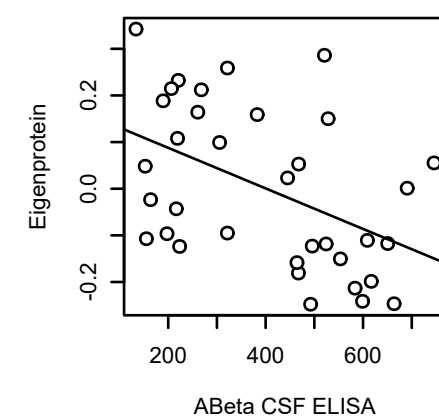
bicor=0.43, $p=0.0098$
cor=0.4, $p=0.017$



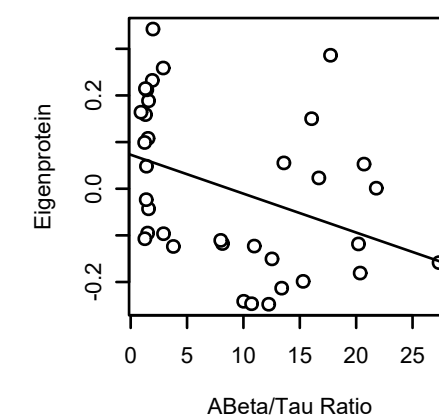
bicor=0.45, $p=0.0061$
cor=0.41, $p=0.014$



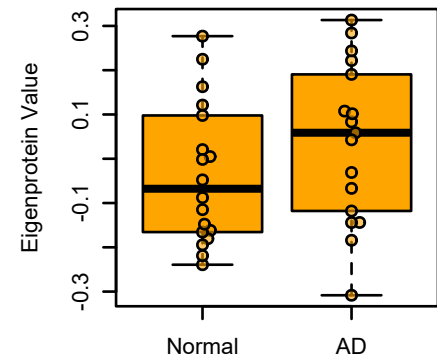
bicor=-0.48, $p=0.0033$
cor=-0.47, $p=0.0044$



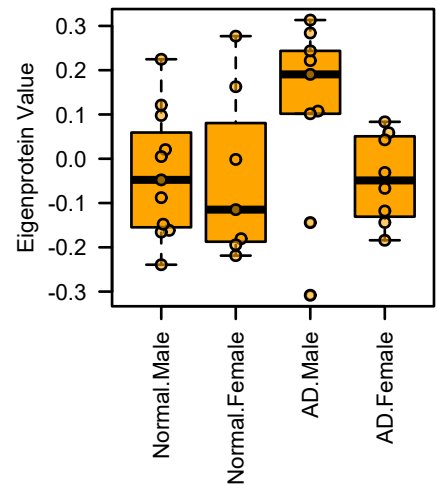
bicor=-0.38, $p=0.025$
cor=-0.38, $p=0.024$



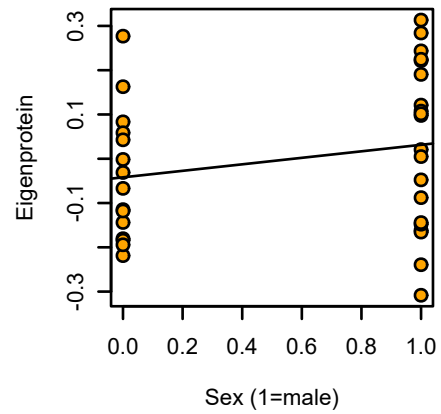
M25 orange
Age+Sex-disc. $p = 0.23$
Sex-discounted $p = 0.18$



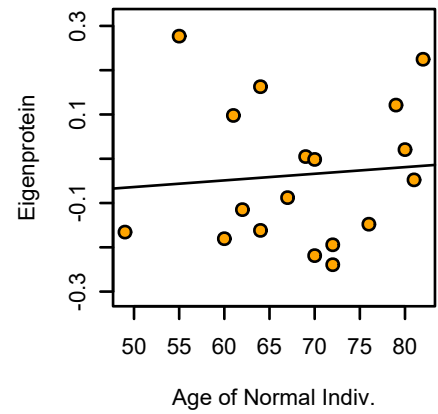
M25 orange
Lysosome
ANOVA $p = 0.15$



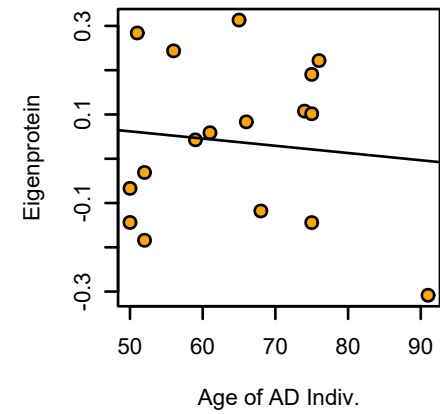
bicor=0.22, $p=0.21$
cor=0.21, $p=0.23$



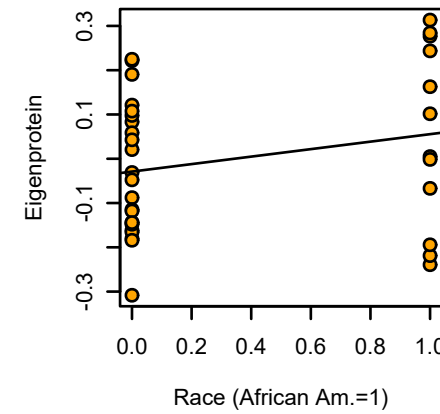
bicor=0.092, $p=0.72$
cor=0.087, $p=0.73$



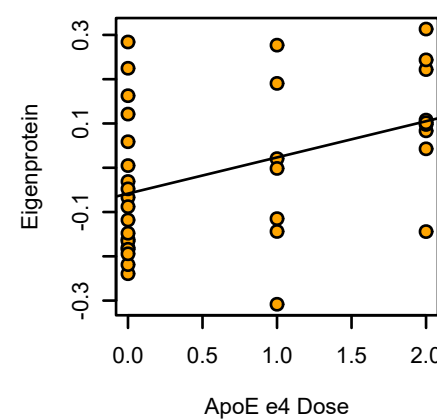
bicor=-0.049, $p=0.85$
cor=-0.11, $p=0.67$



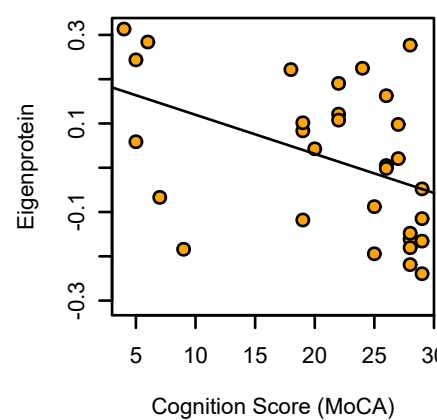
bicor=0.23, $p=0.18$
cor=0.24, $p=0.16$



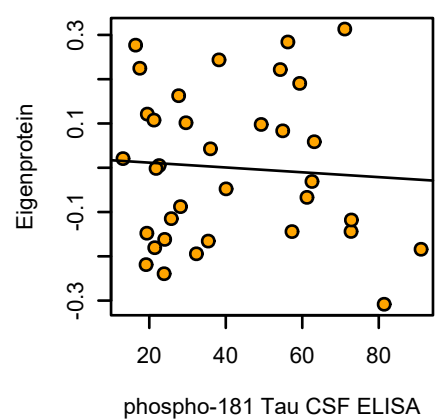
bicor=0.42, $p=0.013$
cor=0.41, $p=0.014$



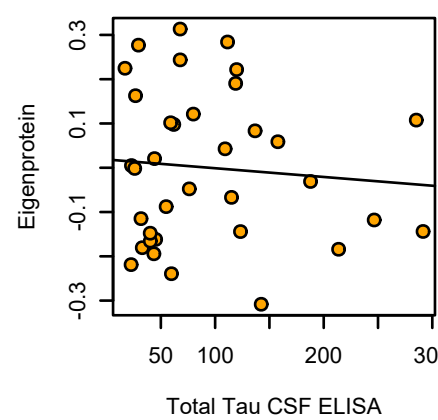
bicor=-0.41, $p=0.022$
cor=-0.44, $p=0.013$



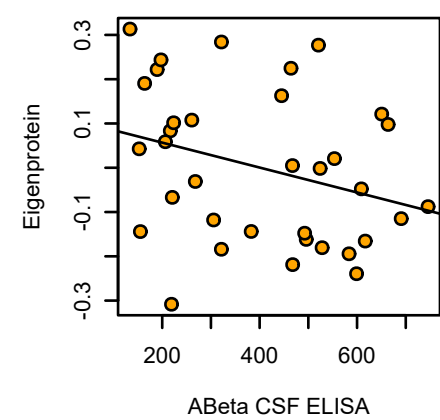
bicor=-0.033, $p=0.85$
cor=-0.069, $p=0.69$



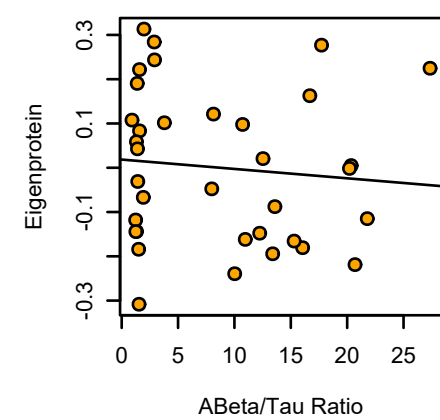
bicor=-0.042, $p=0.81$
cor=-0.086, $p=0.62$



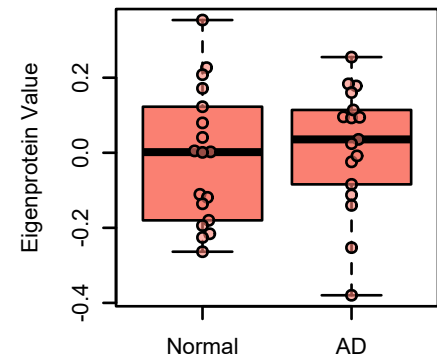
bicor=-0.3, $p=0.083$
cor=-0.3, $p=0.08$



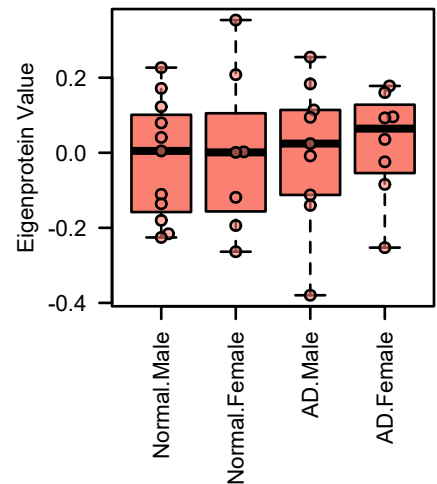
bicor=-0.12, $p=0.49$
cor=-0.097, $p=0.58$



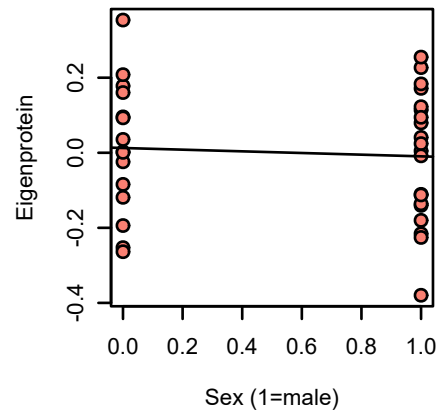
M13 salmon
Age+Sex-disc. $p = 0.0026$
Sex-discounted $p = 0.86$



M13 salmon
Ambiguous
ANOVA $p = 0.0055$



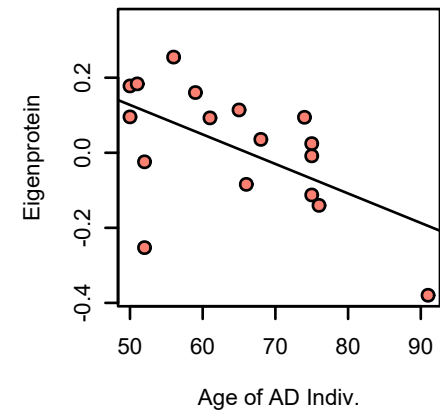
bicor=-0.054, $p=0.76$
cor=-0.065, $p=0.71$



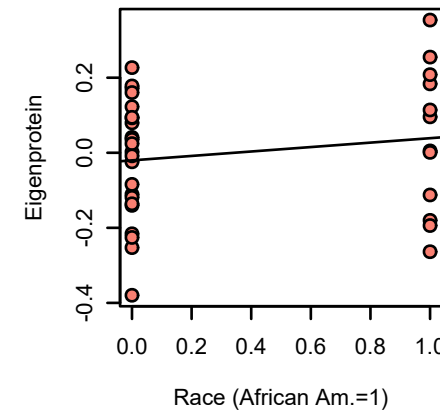
bicor=-0.55, $p=0.018$
cor=-0.56, $p=0.016$



bicor=-0.53, $p=0.03$
cor=-0.57, $p=0.017$



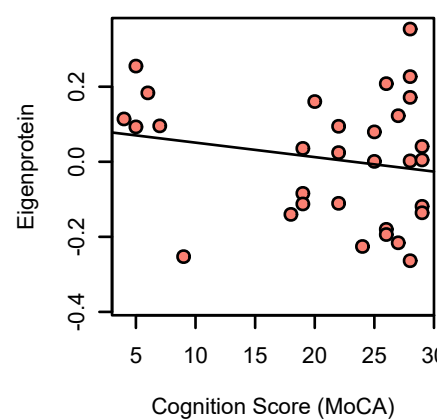
bicor=0.15, $p=0.38$
cor=0.17, $p=0.33$



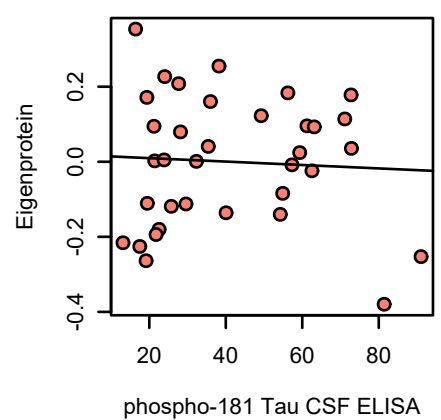
bicor=0.088, $p=0.61$
cor=0.09, $p=0.61$



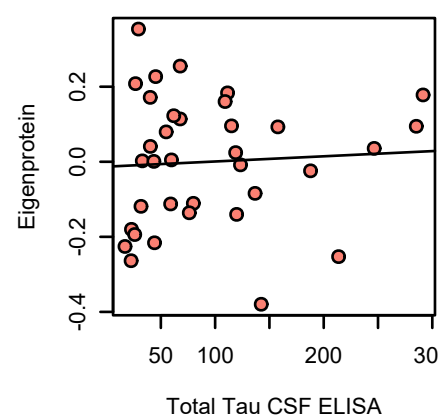
bicor=0.028, $p=0.88$
cor=-0.19, $p=0.31$



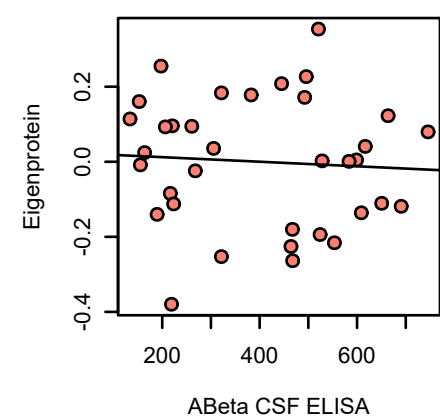
bicor=0.0085, $p=0.96$
cor=-0.058, $p=0.74$



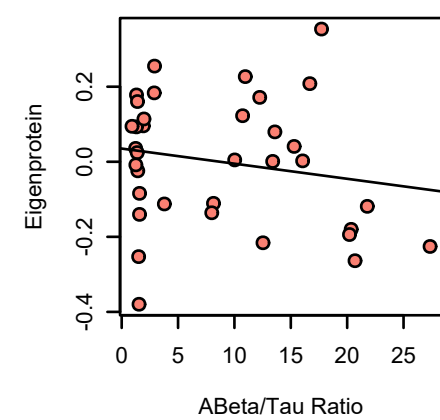
bicor=0.018, $p=0.92$
cor=0.06, $p=0.73$

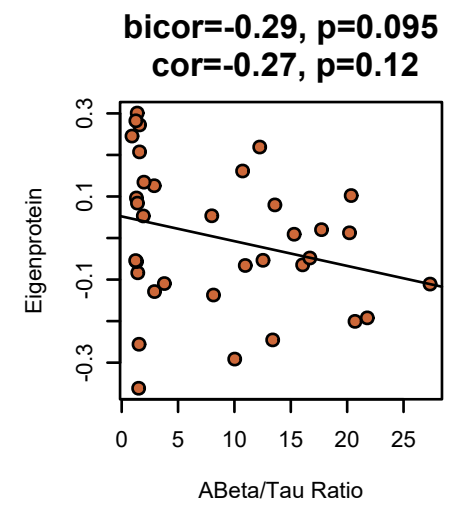
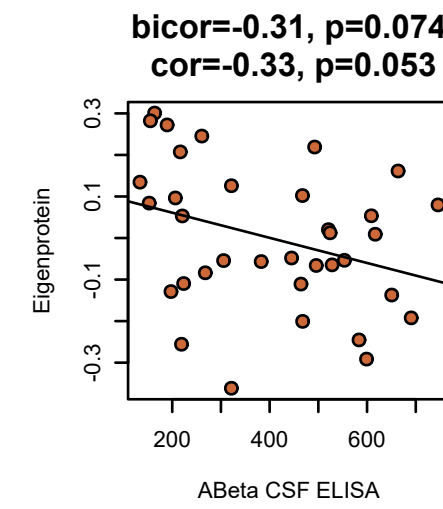
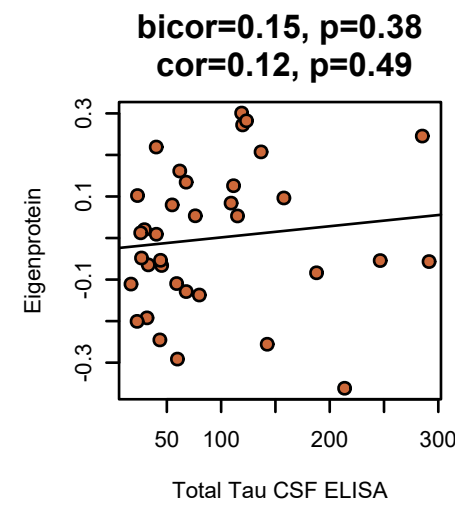
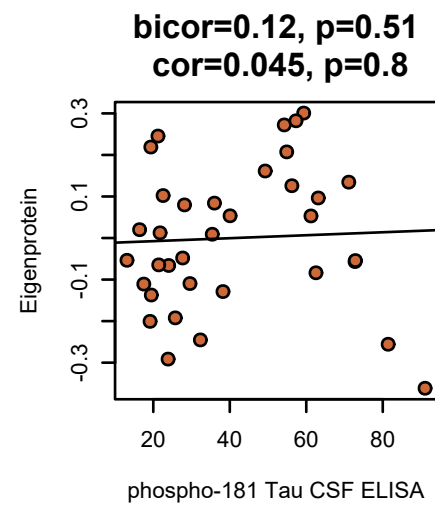
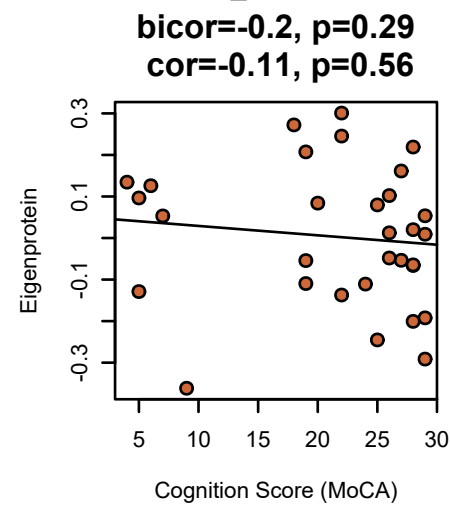
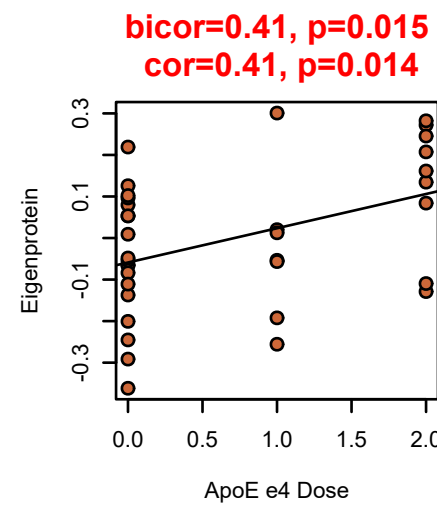
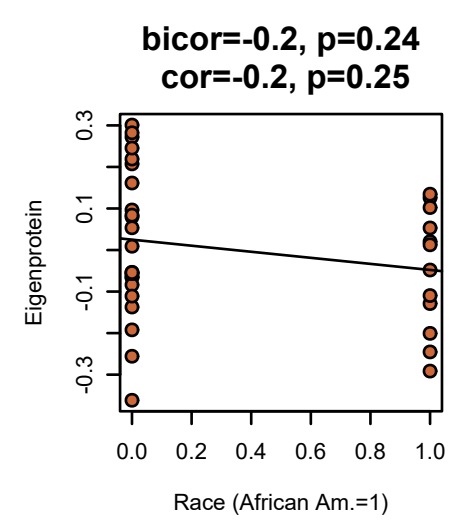
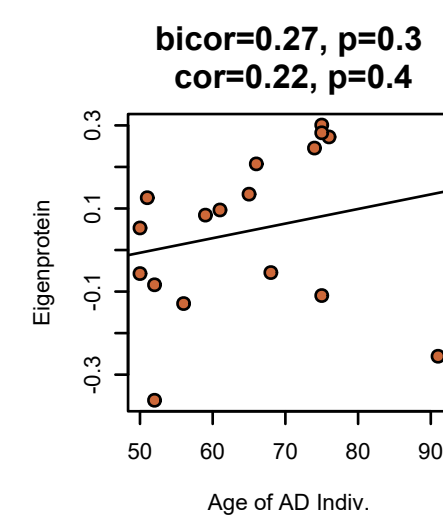
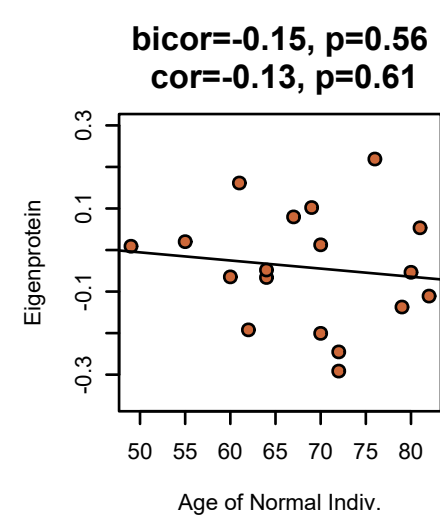
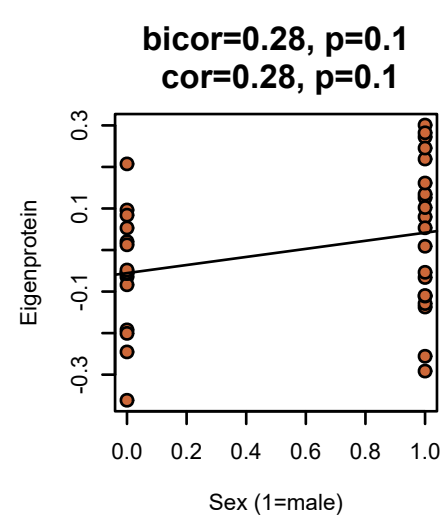
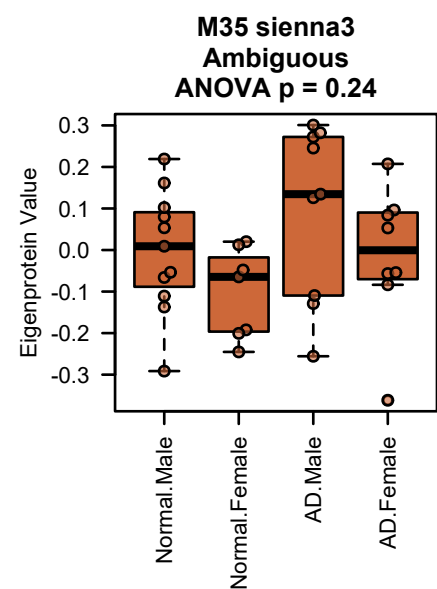
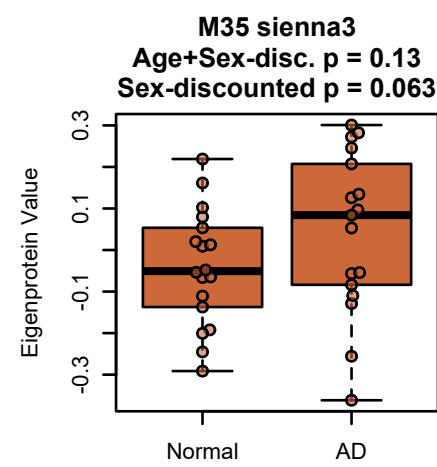
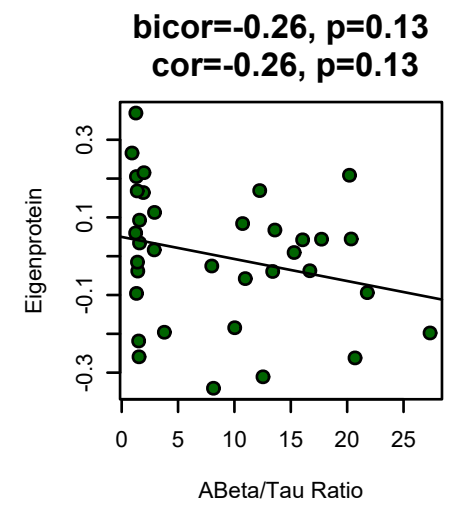
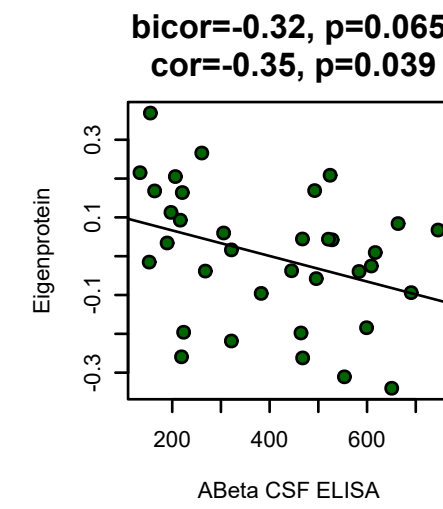
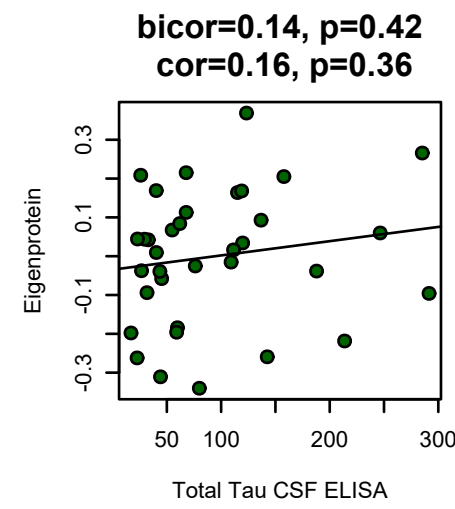
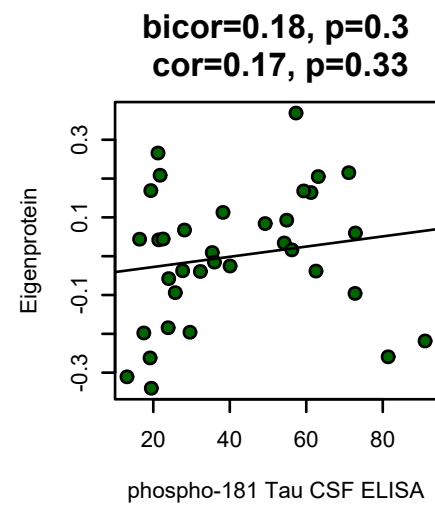
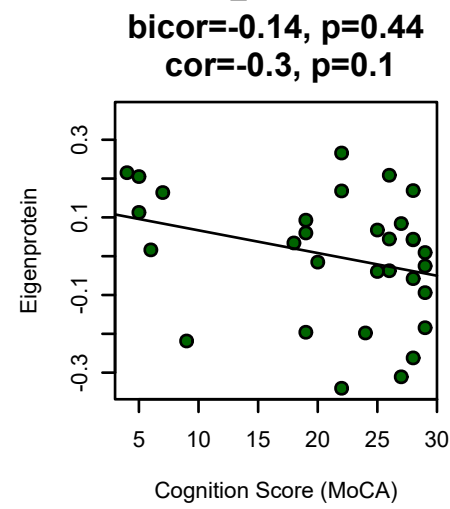
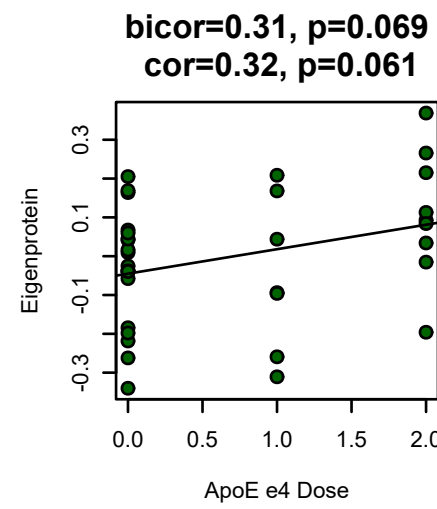
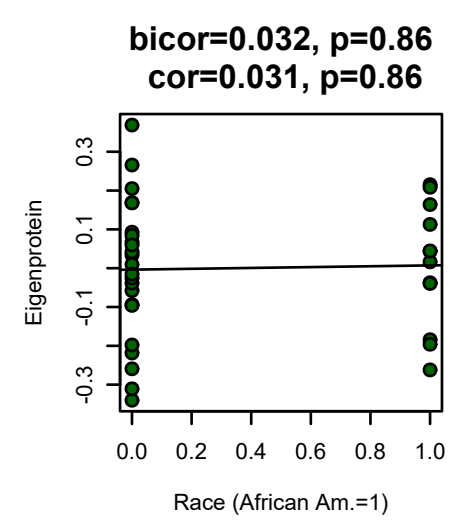
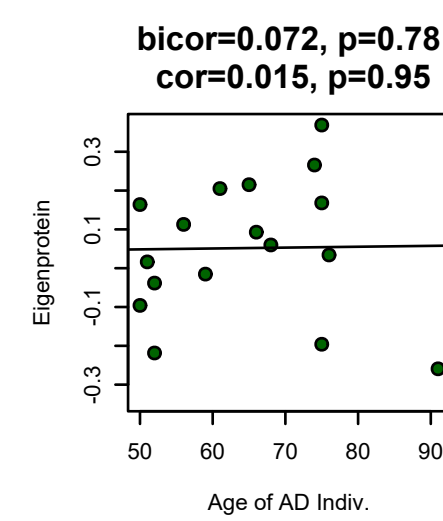
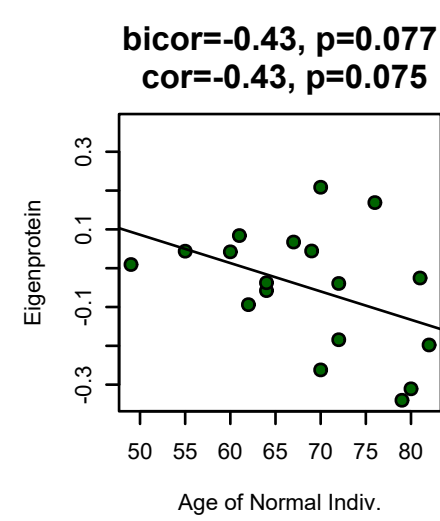
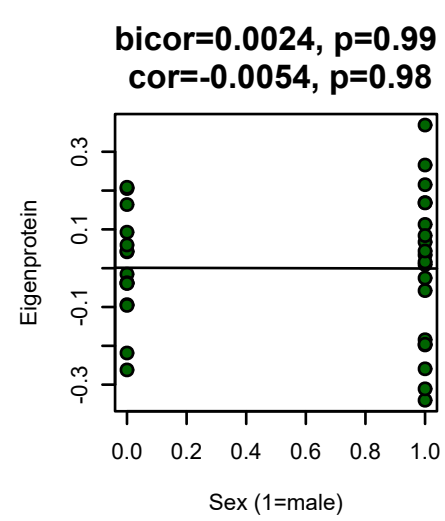
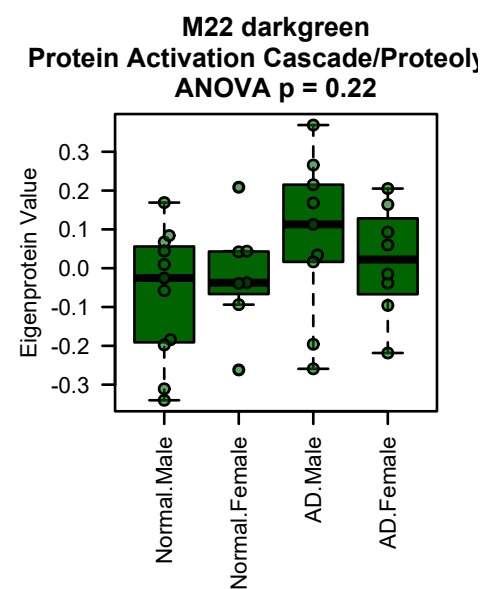
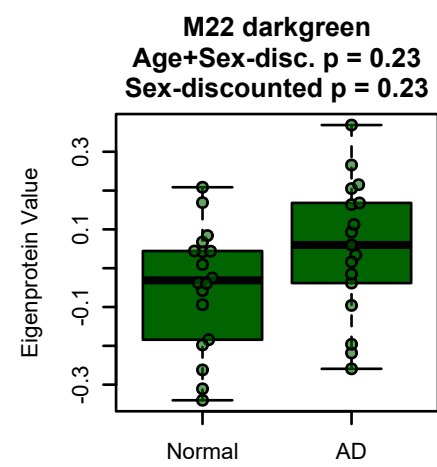


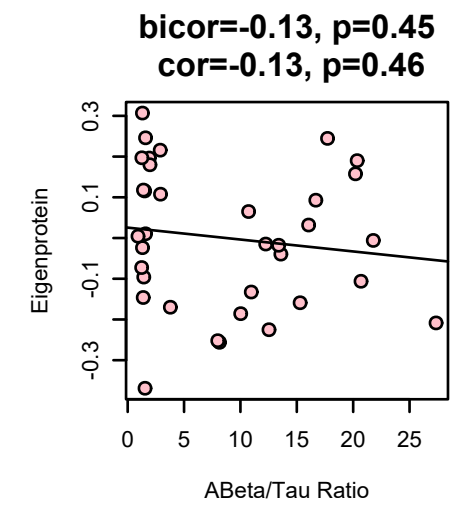
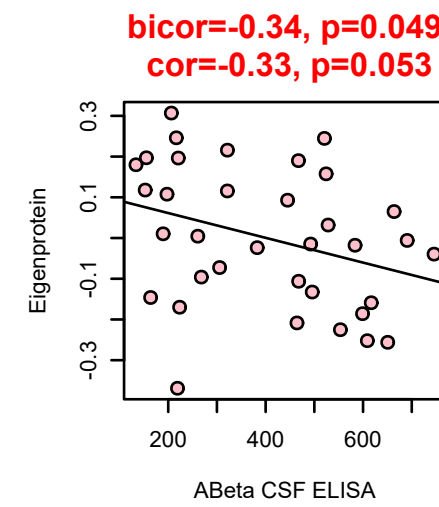
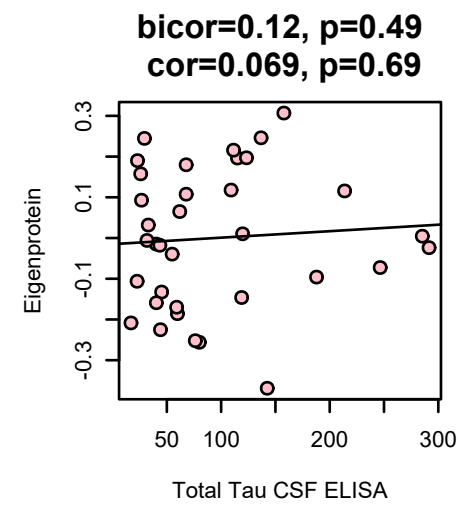
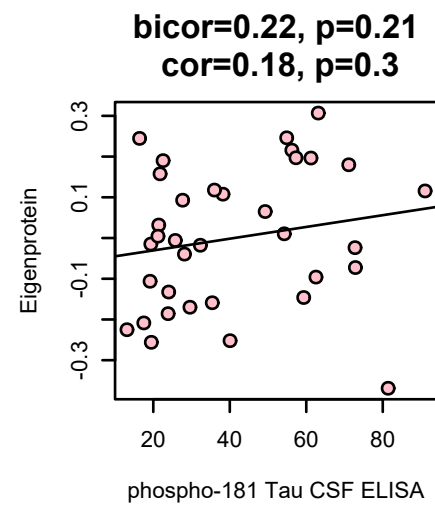
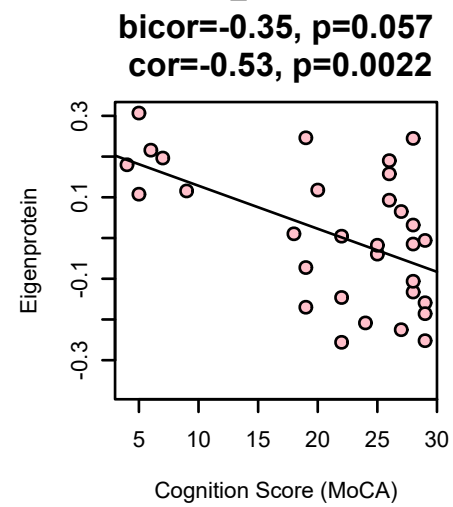
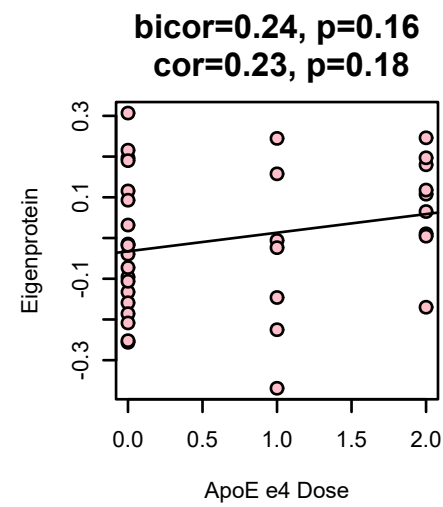
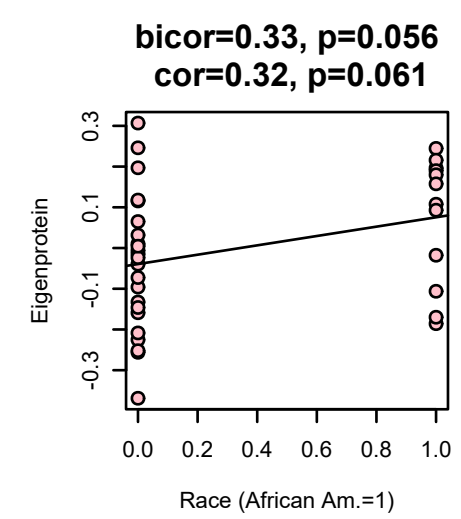
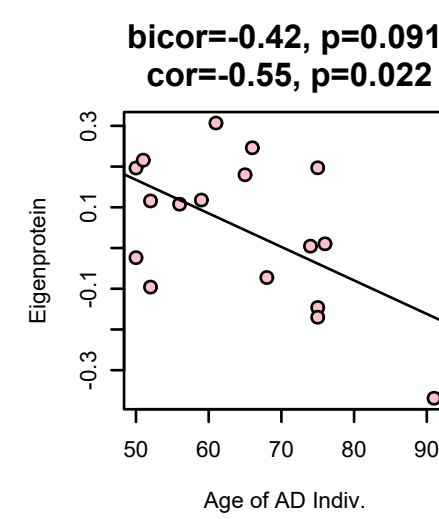
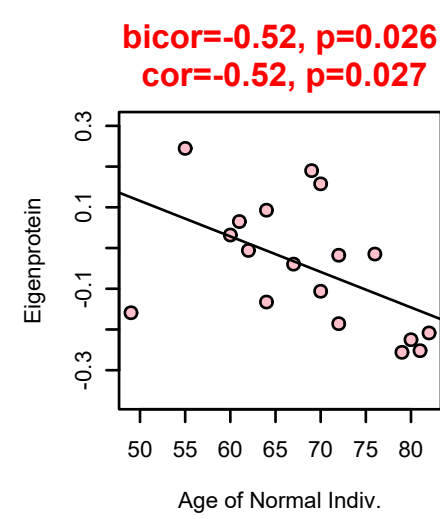
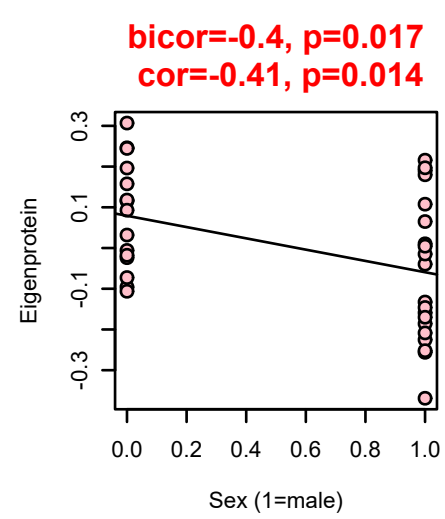
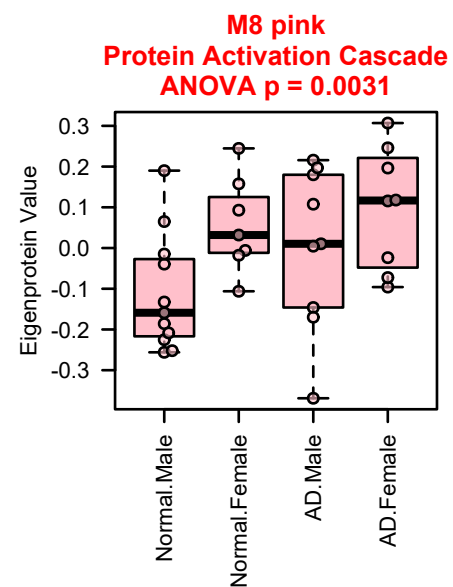
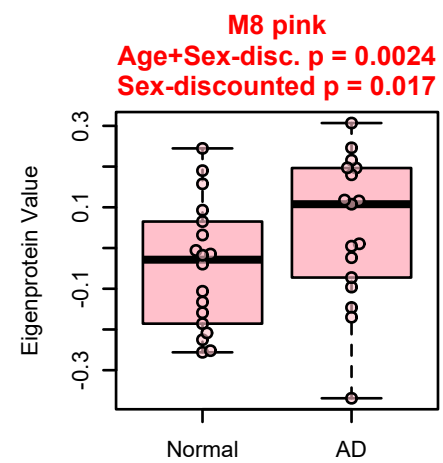
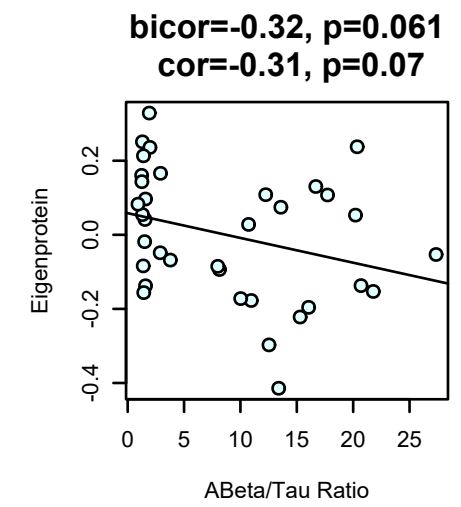
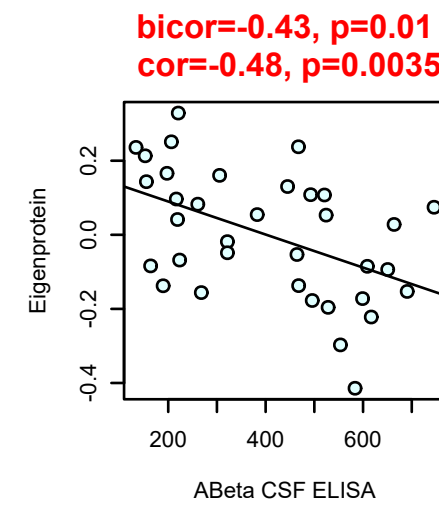
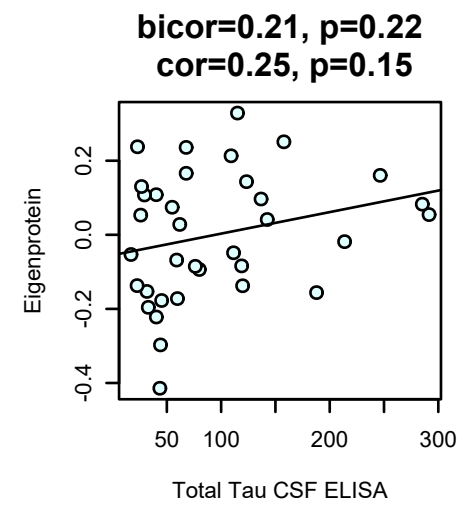
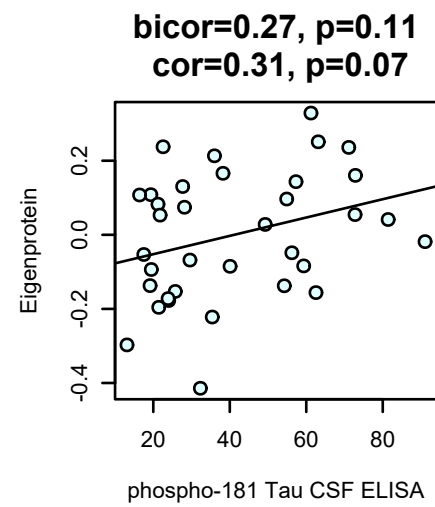
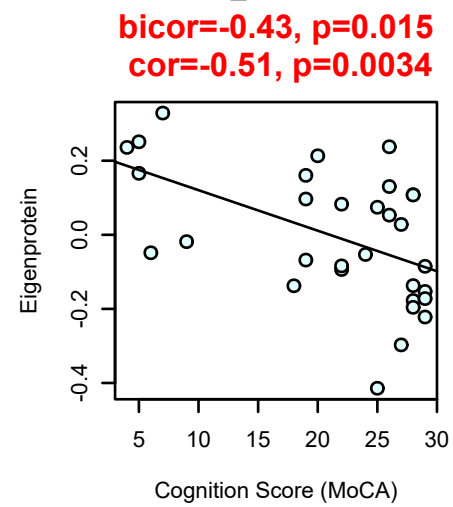
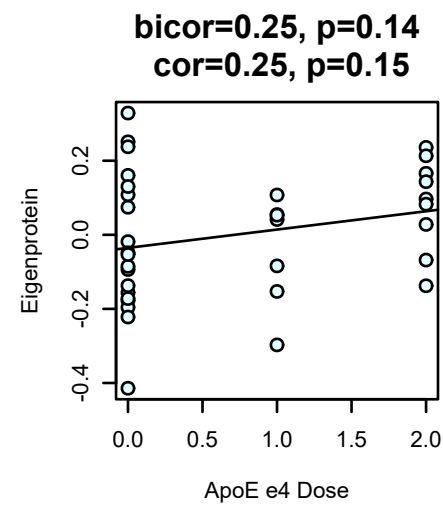
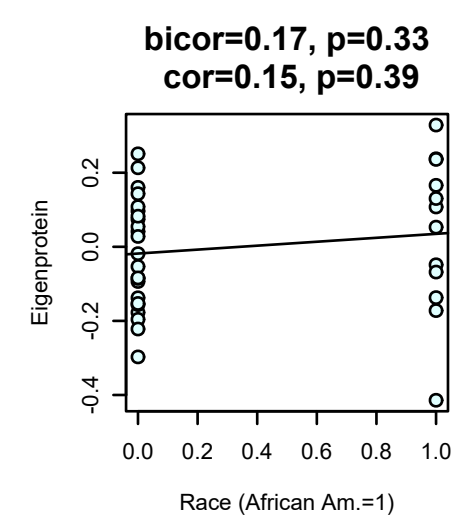
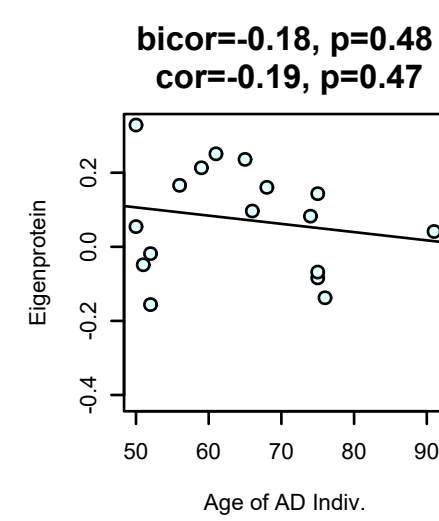
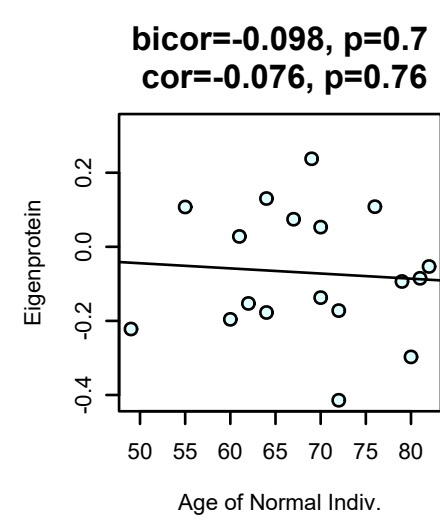
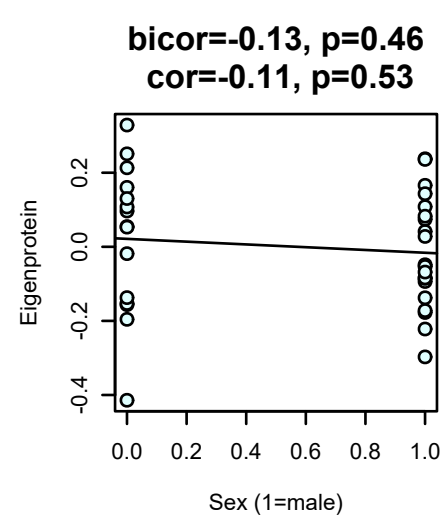
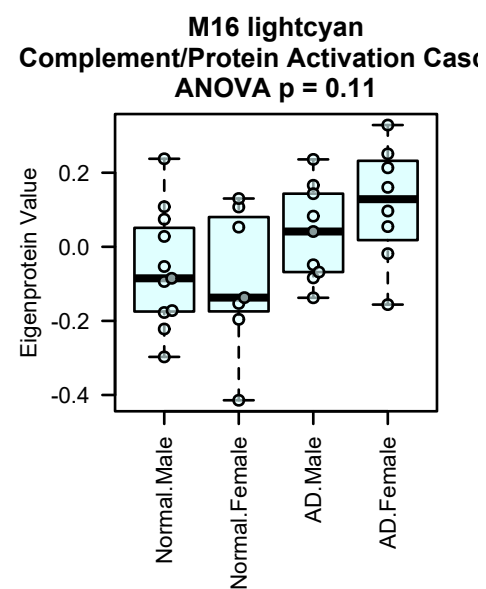
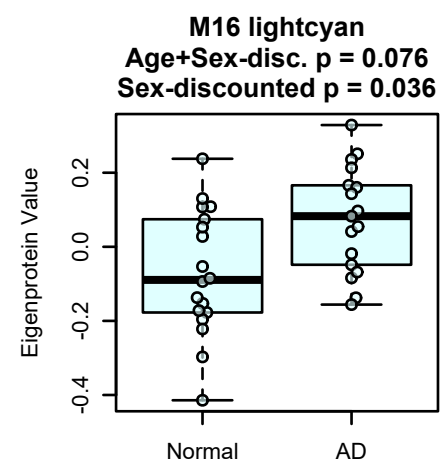
bicor=-0.078, $p=0.66$
cor=-0.065, $p=0.71$

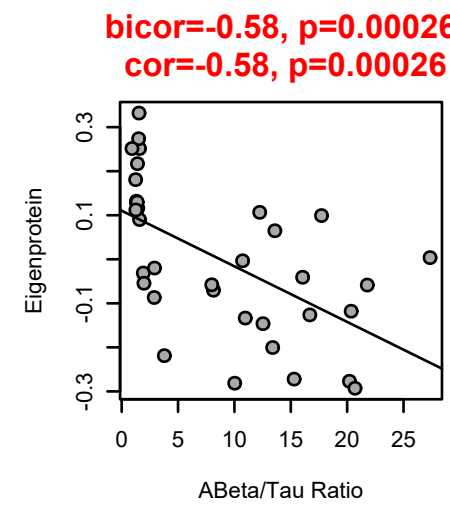
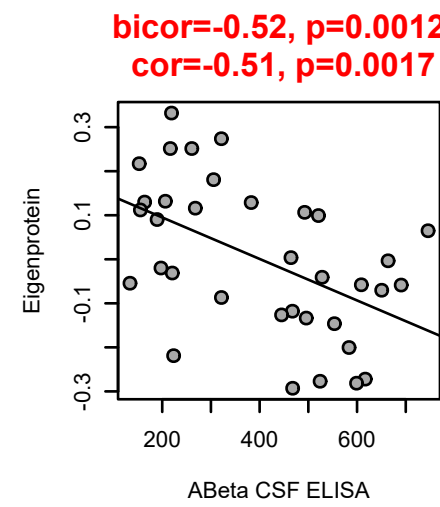
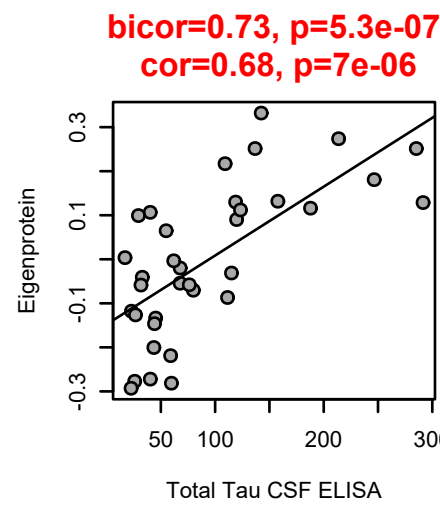
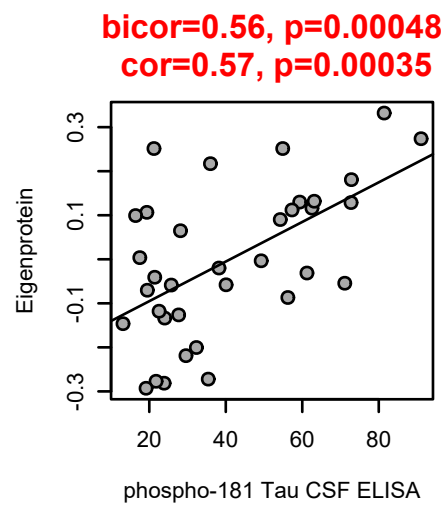
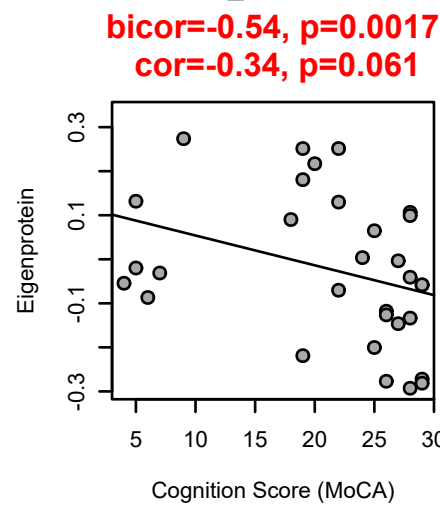
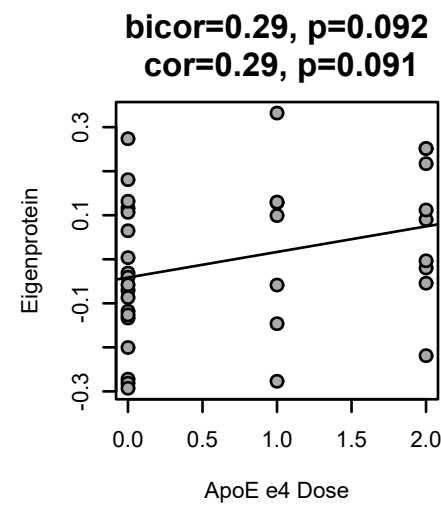
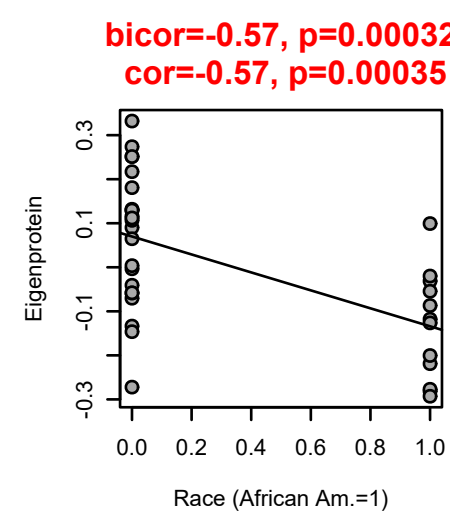
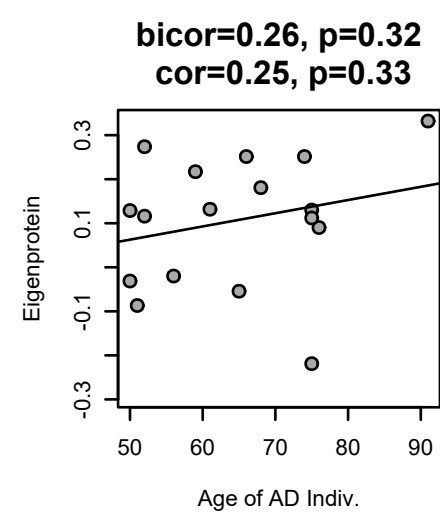
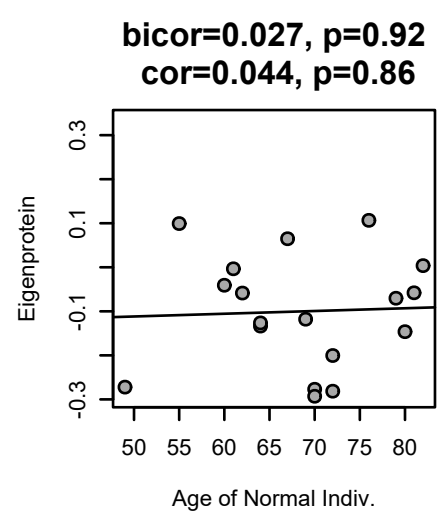
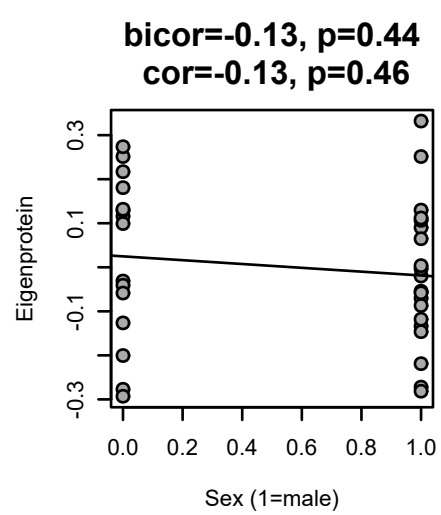
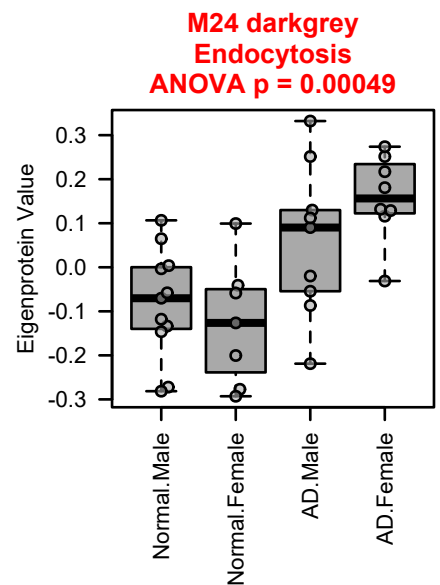
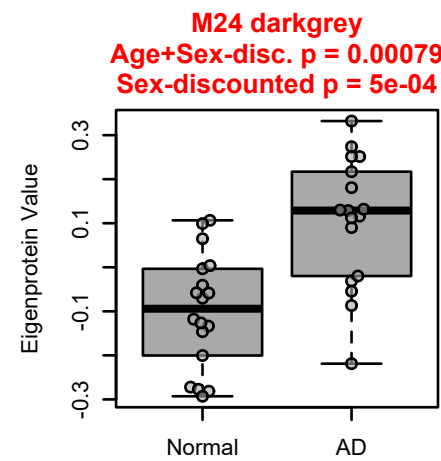
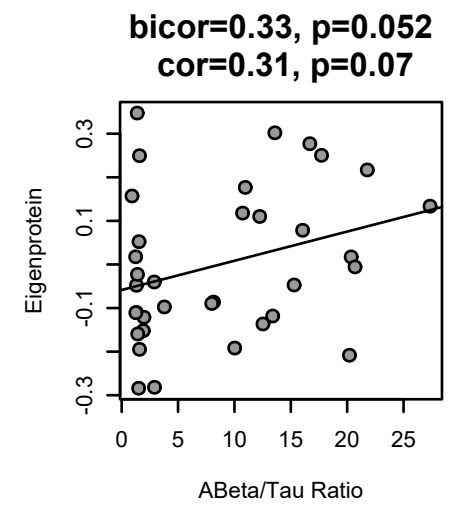
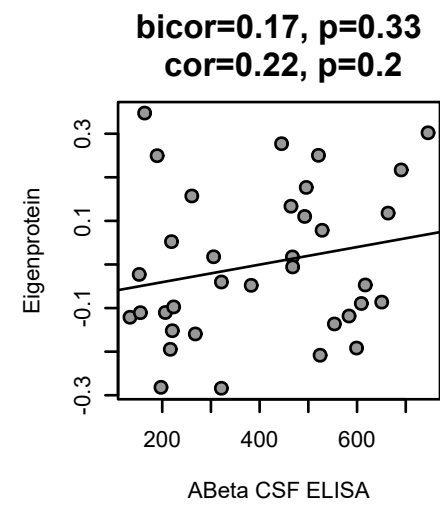
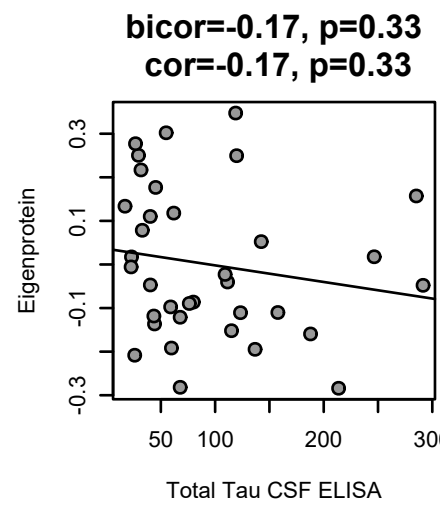
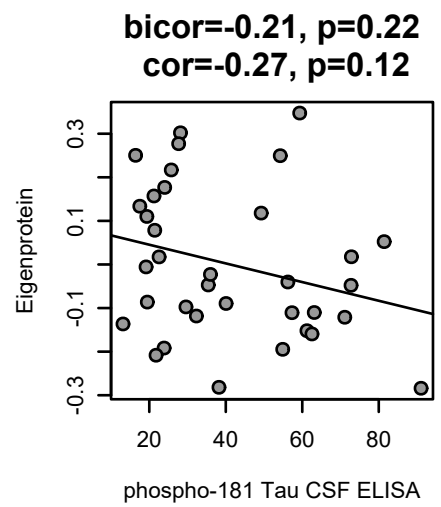
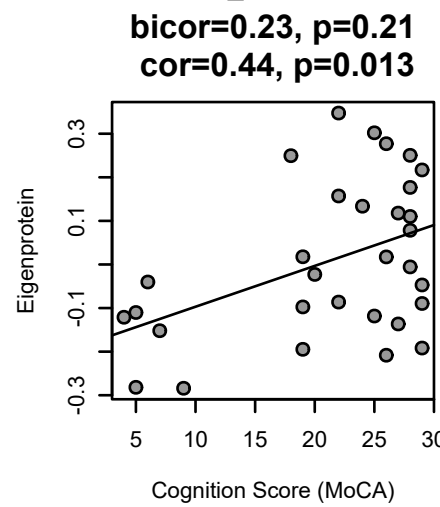
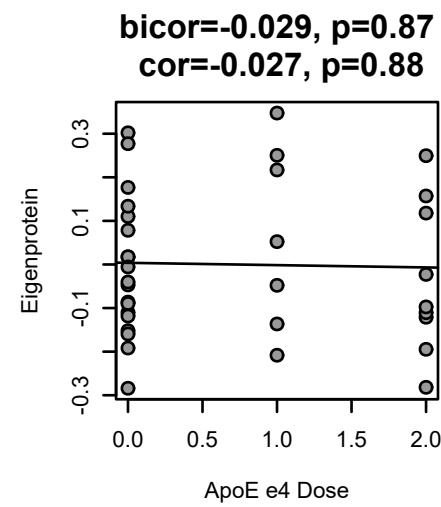
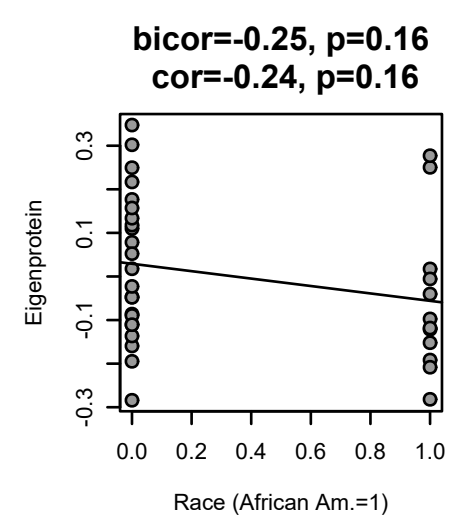
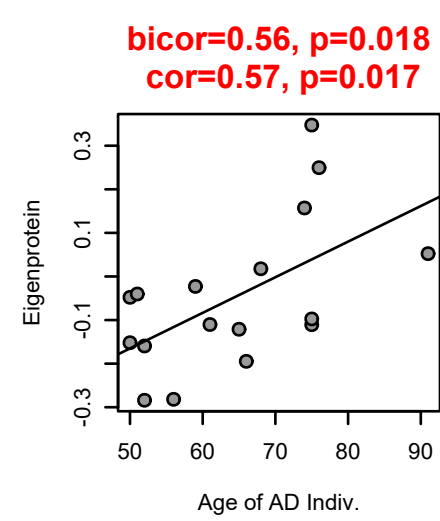
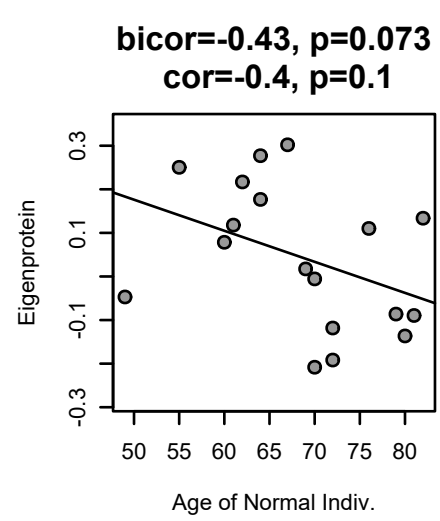
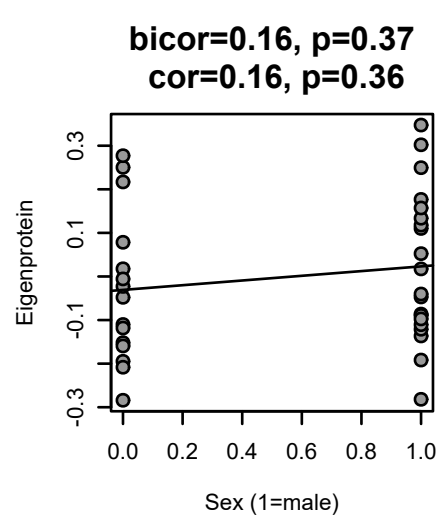
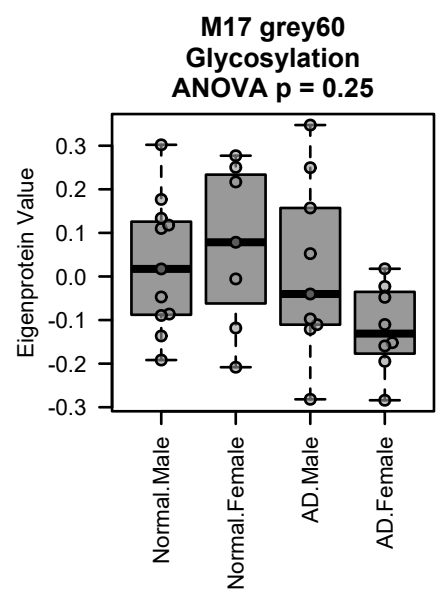
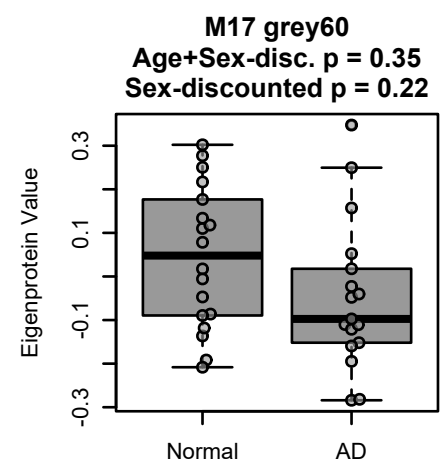


bicor=-0.19, $p=0.27$
cor=-0.18, $p=0.3$

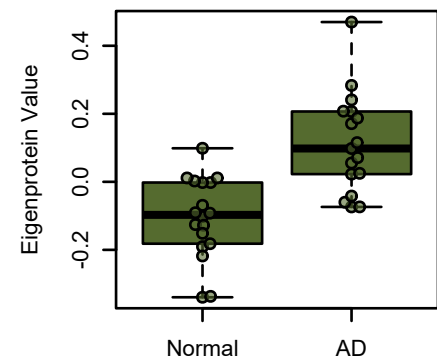




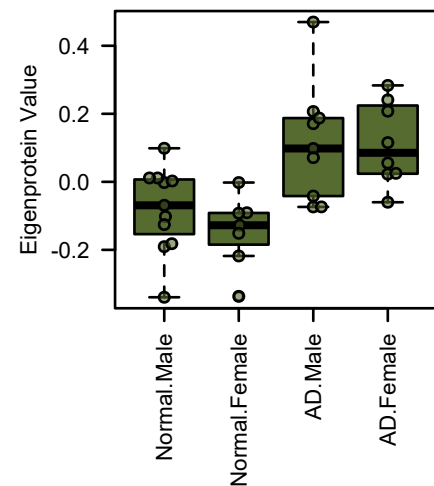




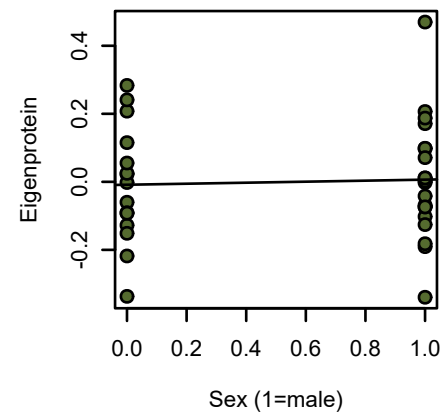
M33 darkolivegreen
Age+Sex-disc. $p = 0.00017$
Sex-discounted $p = 0.00014$



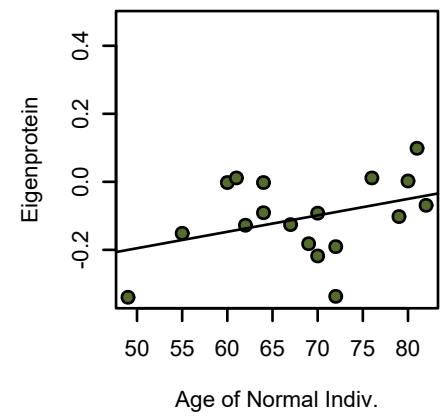
M33 darkolivegreen
Adhesion/ECM/Wound Response
ANOVA $p = 0.00035$



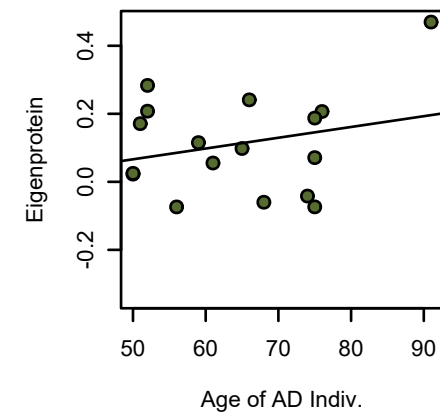
bicor=0.024, $p=0.89$
cor=0.044, $p=0.8$



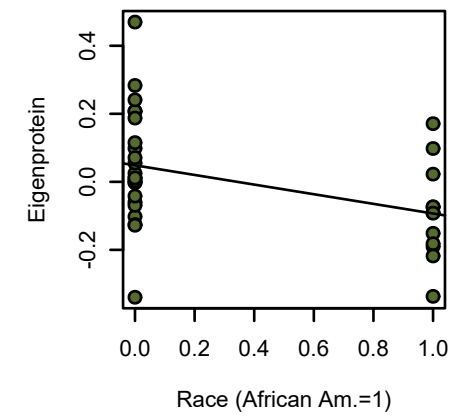
bicor=0.34, $p=0.17$
cor=0.37, $p=0.13$



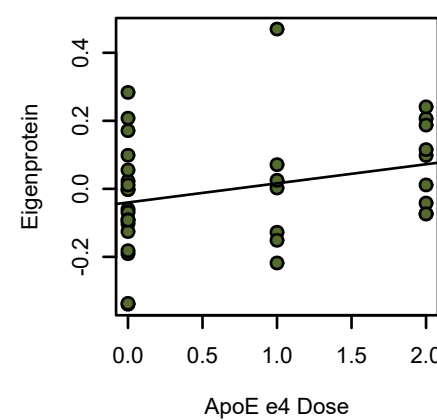
bicor=0.16, $p=0.53$
cor=0.26, $p=0.31$



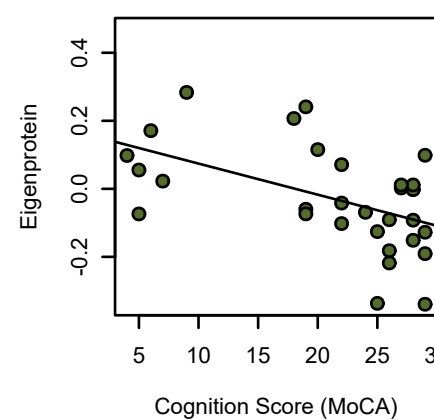
bicor=-0.41, $p=0.013$
cor=-0.4, $p=0.017$



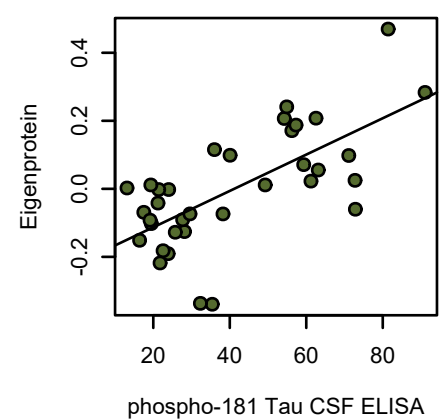
bicor=0.29, $p=0.088$
cor=0.28, $p=0.1$



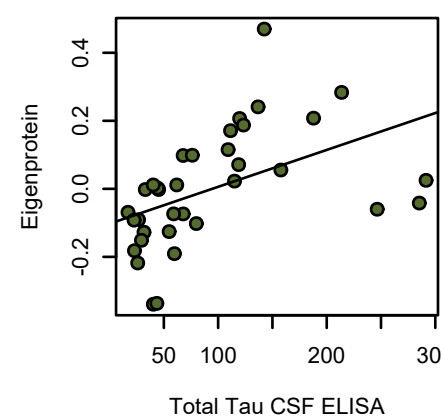
bicor=-0.55, $p=0.0012$
cor=-0.51, $p=0.0034$



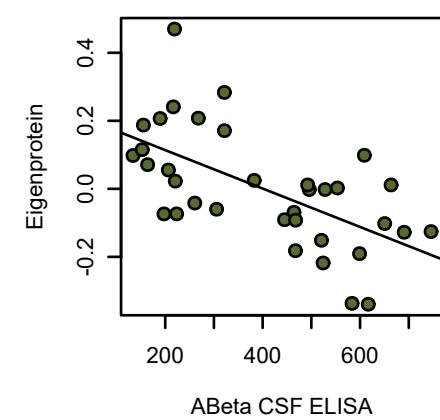
bicor=0.66, $p=1.4e-05$
cor=0.67, $p=1.1e-05$



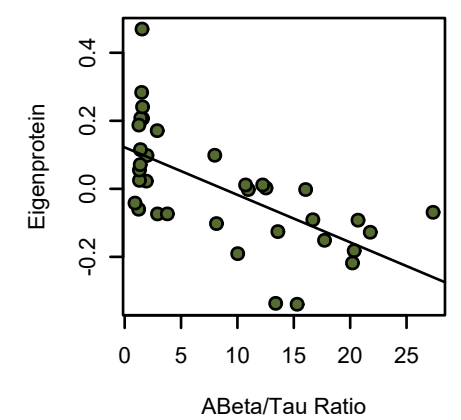
bicor=0.63, $p=4.5e-05$
cor=0.47, $p=0.0044$



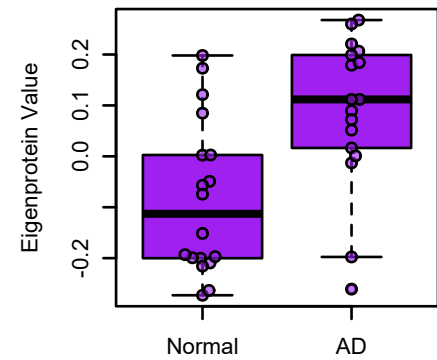
bicor=-0.62, $p=8.3e-05$
cor=-0.61, $p=1e-04$



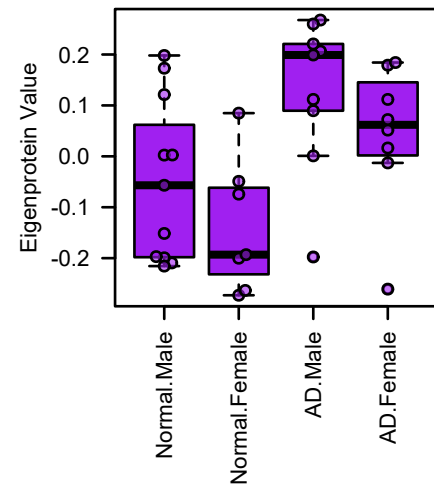
bicor=-0.69, $p=4.3e-06$
cor=-0.64, $p=3.5e-05$



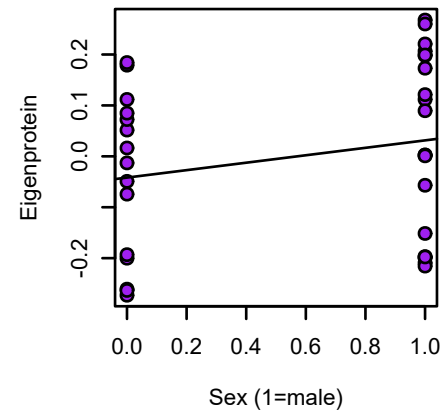
M10 purple
Age+Sex-disc. $p = 0.0034$
Sex-discounted $p = 0.0019$



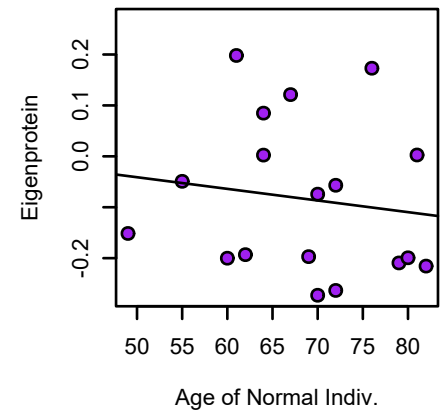
M10 purple
Ambiguous
ANOVA $p = 0.0091$



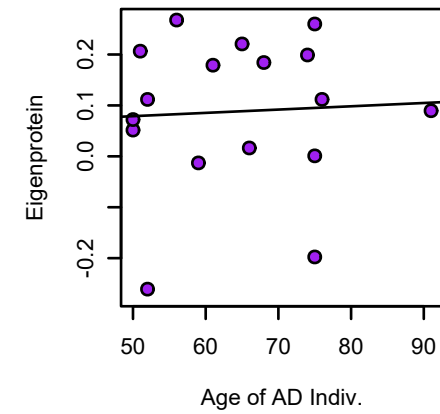
bicor=0.21, $p=0.23$
cor=0.21, $p=0.23$



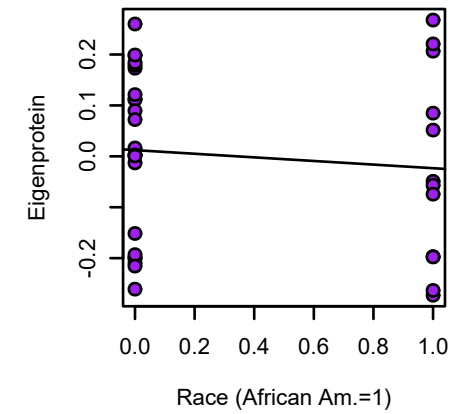
bicor=-0.17, $p=0.49$
cor=-0.14, $p=0.58$



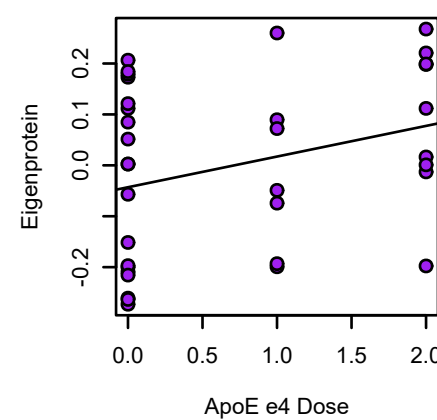
bicor=0.037, $p=0.89$
cor=0.052, $p=0.84$



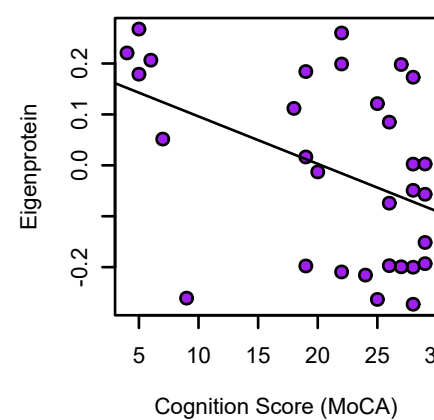
bicor=-0.1, $p=0.56$
cor=-0.1, $p=0.57$



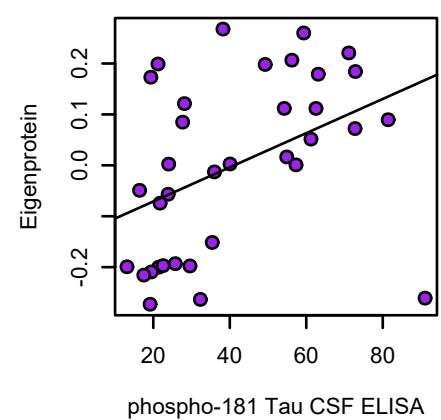
bicor=0.3, $p=0.082$
cor=0.3, $p=0.08$



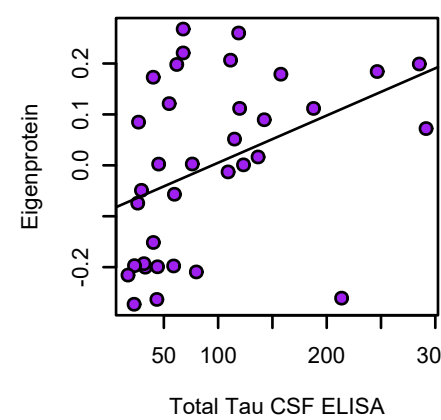
bicor=-0.29, $p=0.11$
cor=-0.43, $p=0.016$



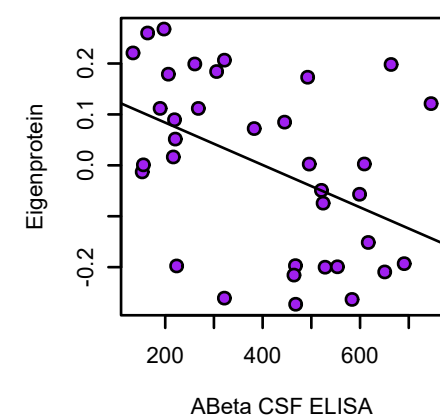
bicor=0.46, $p=0.0056$
cor=0.42, $p=0.012$



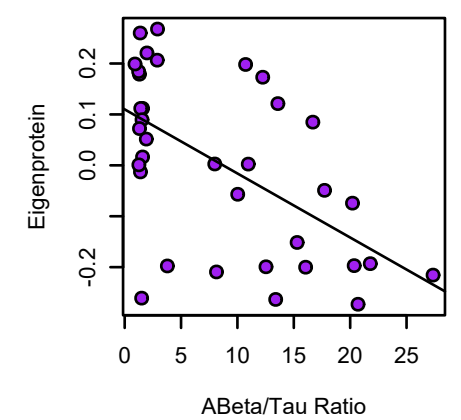
bicor=0.43, $p=0.0094$
cor=0.4, $p=0.017$

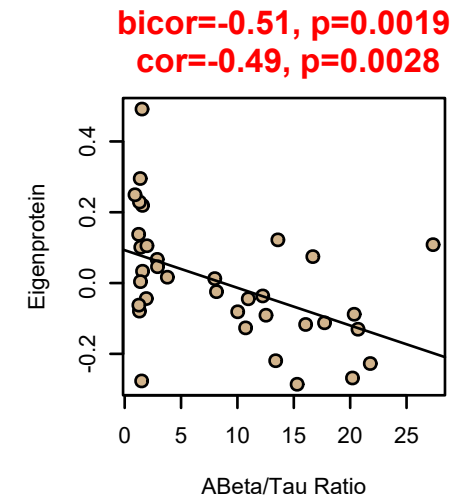
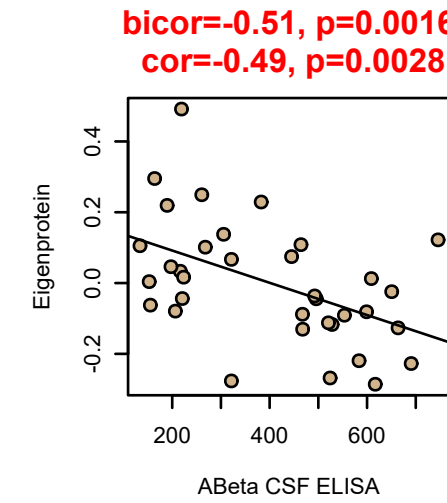
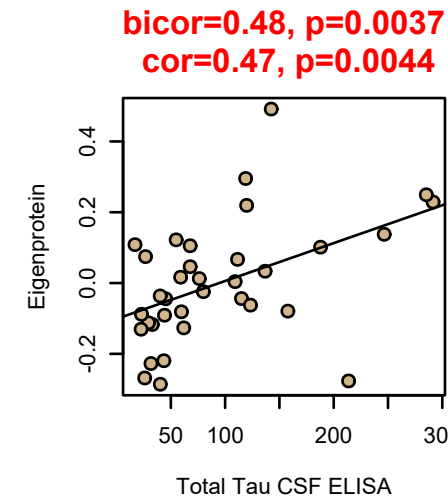
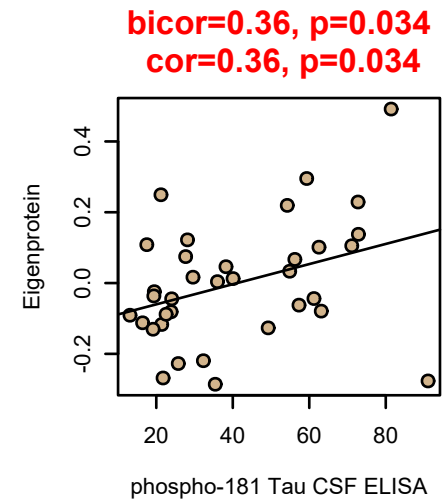
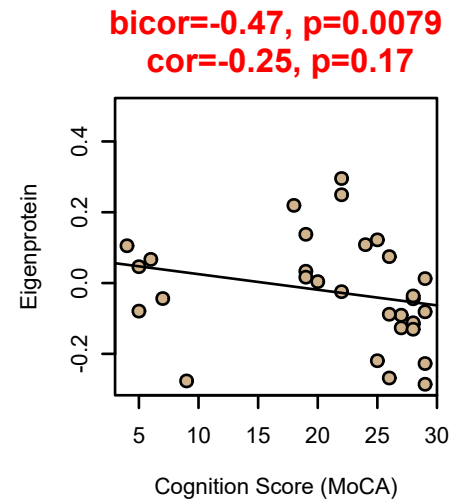
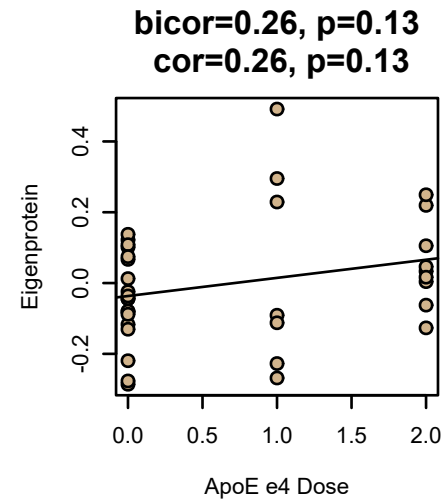
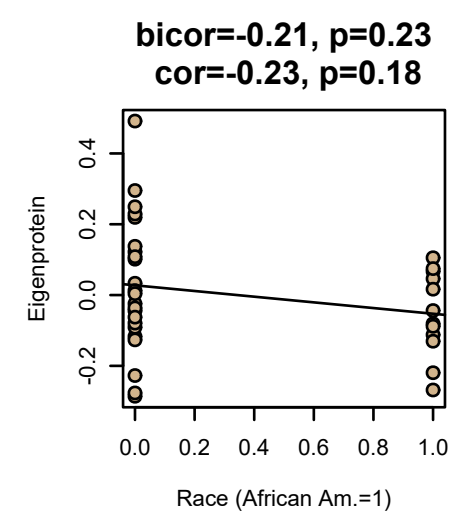
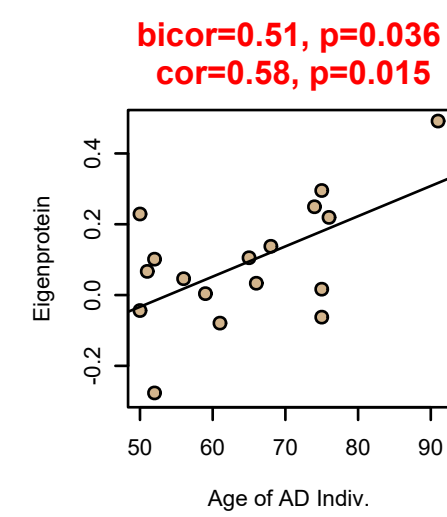
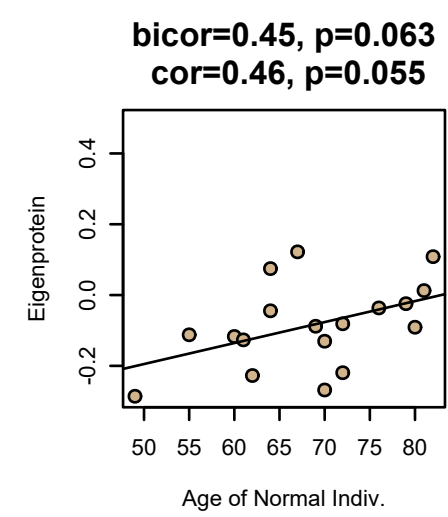
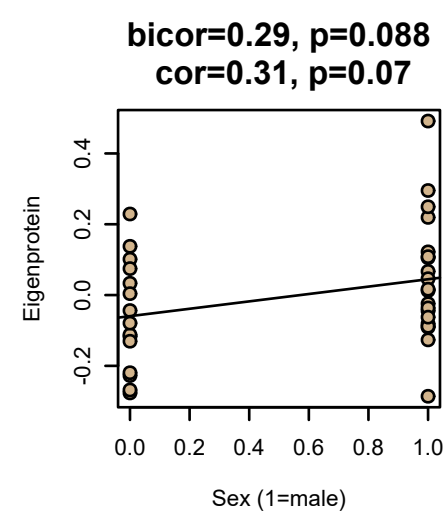
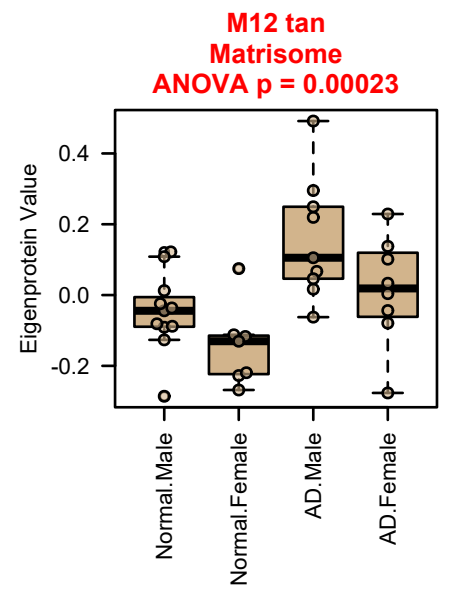
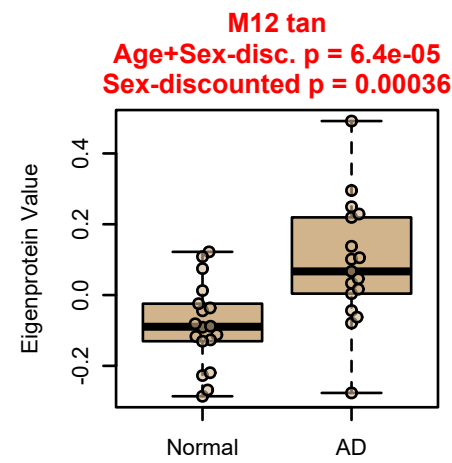
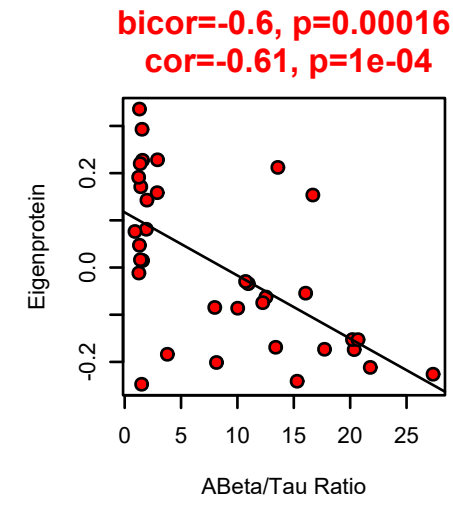
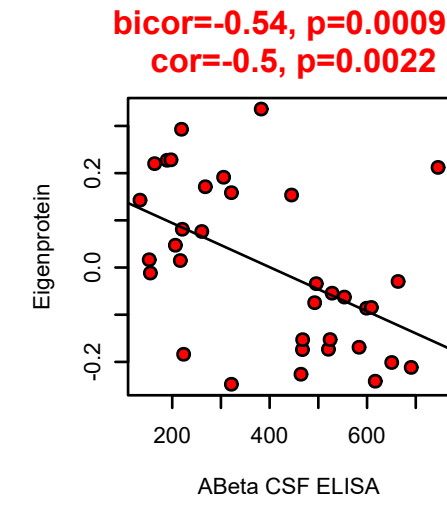
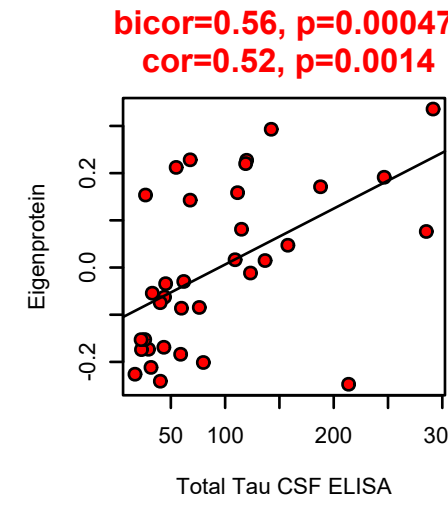
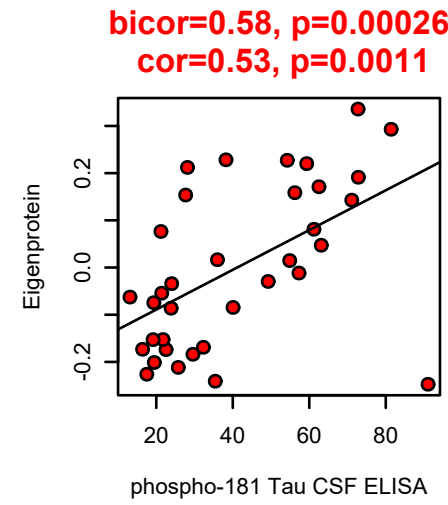
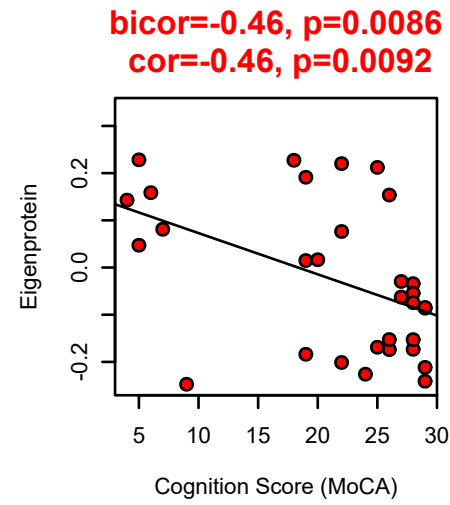
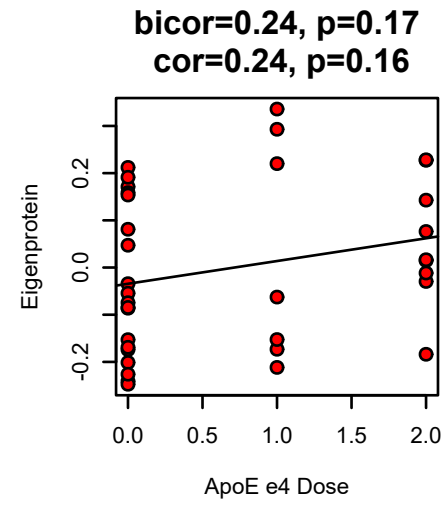
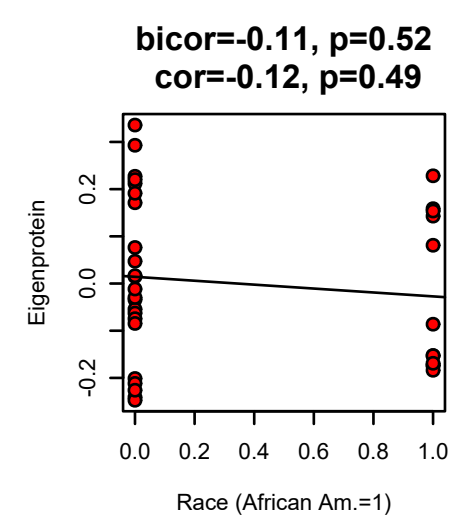
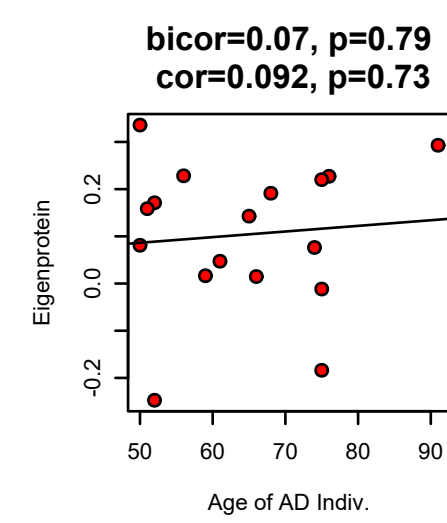
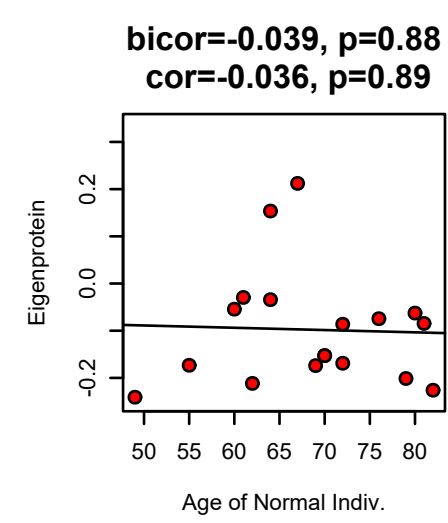
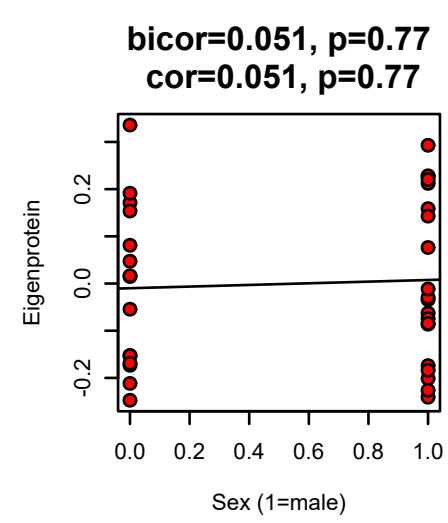
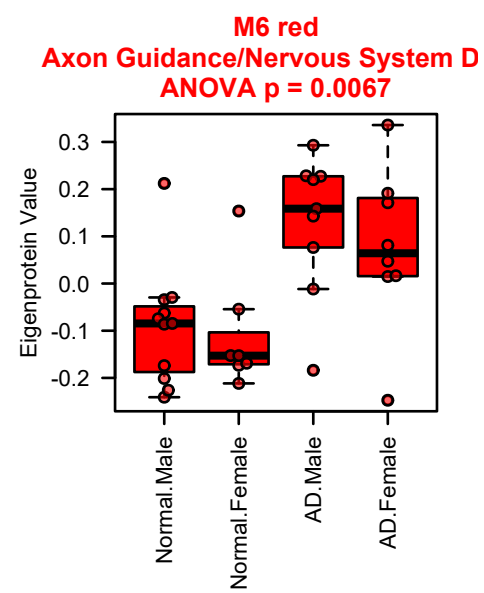
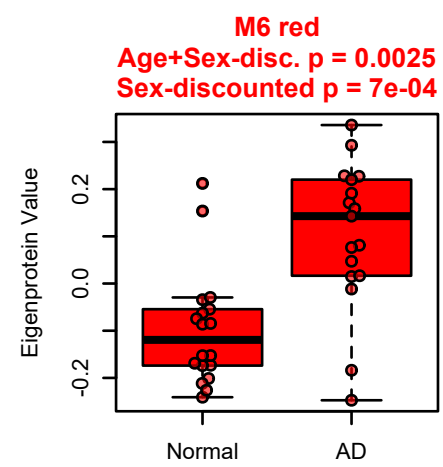


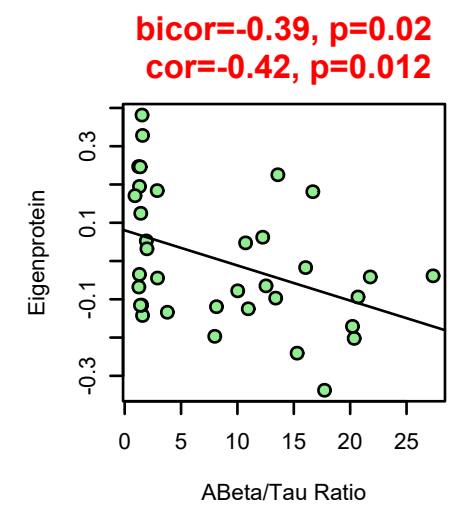
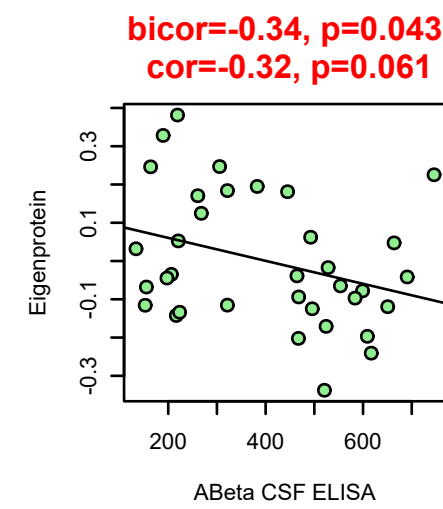
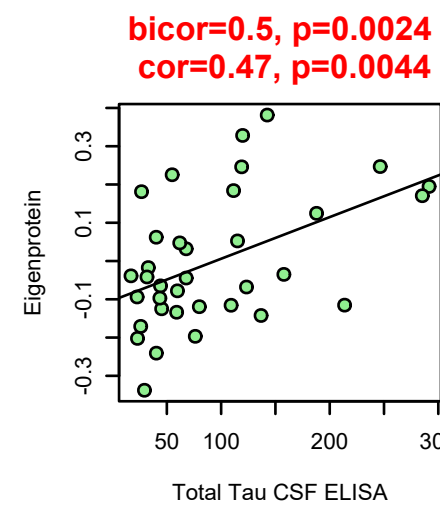
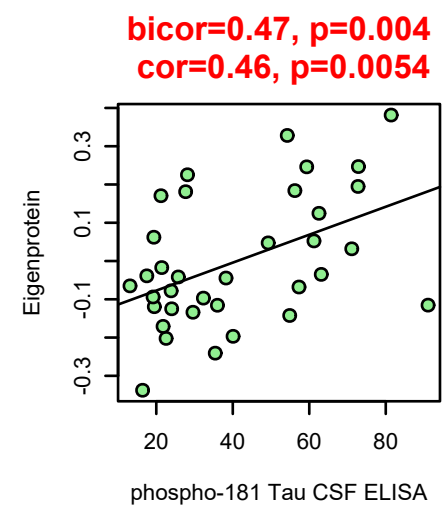
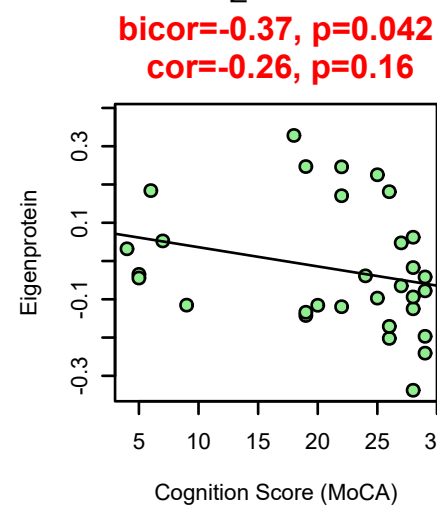
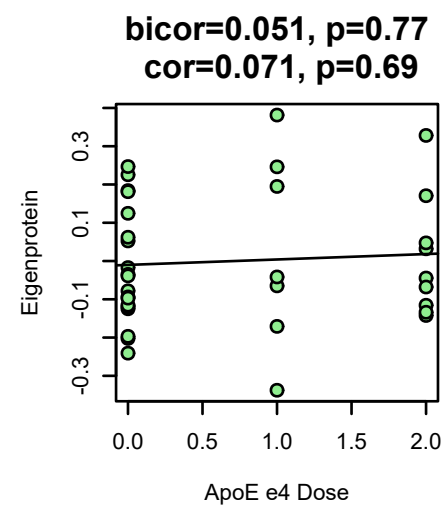
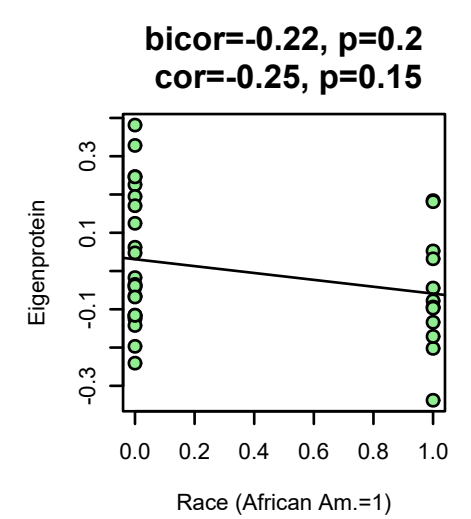
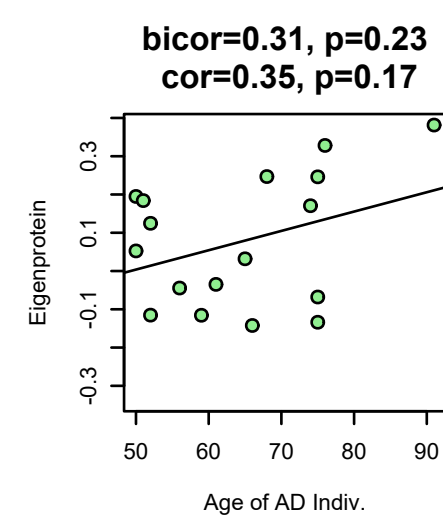
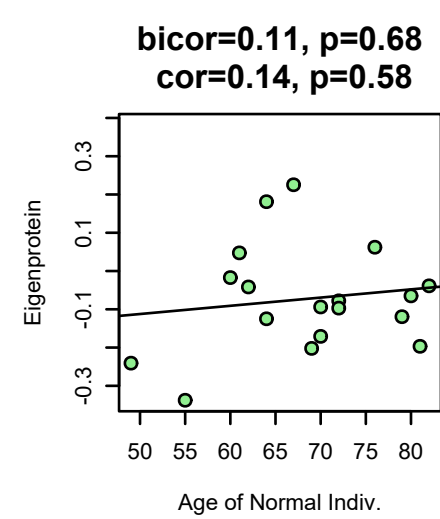
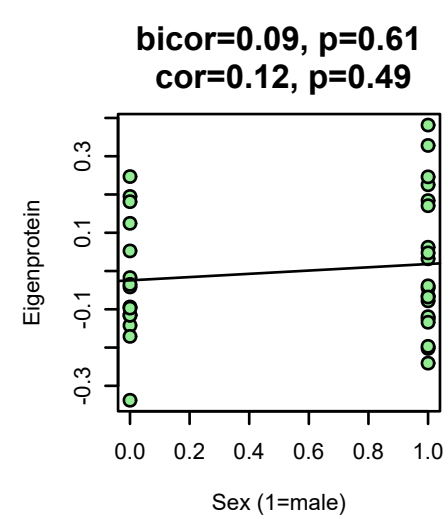
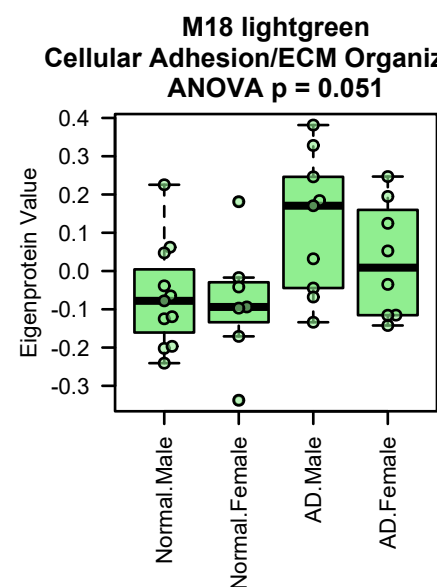
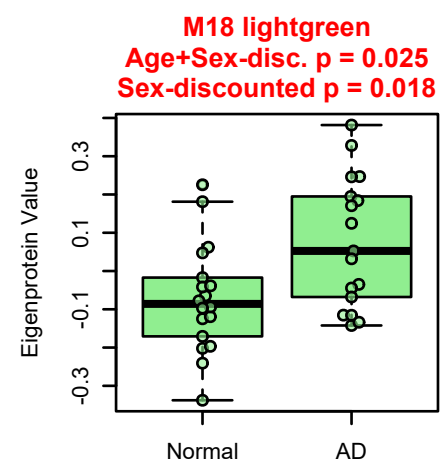
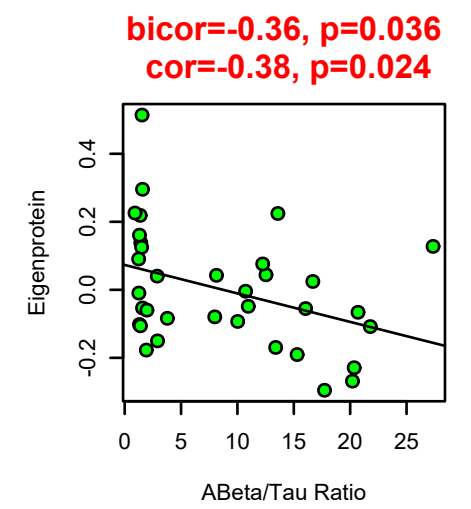
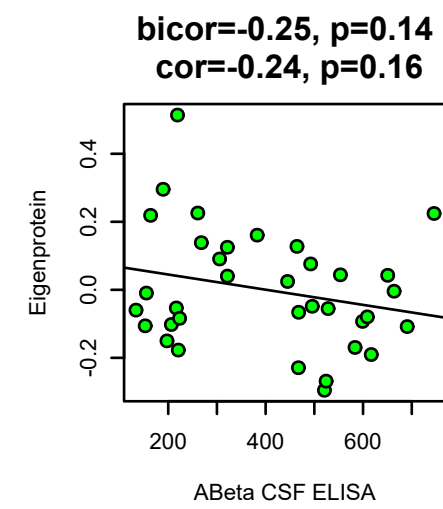
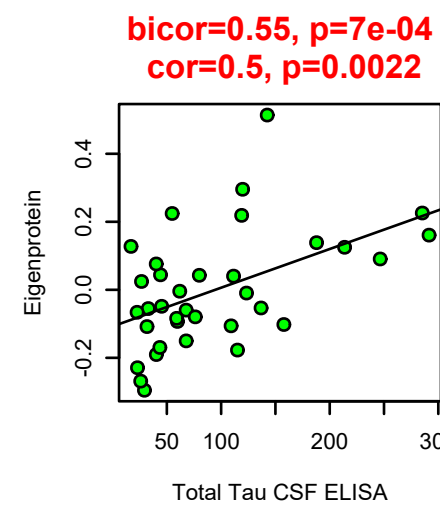
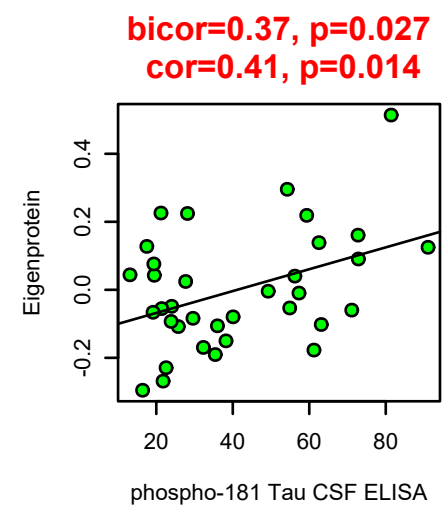
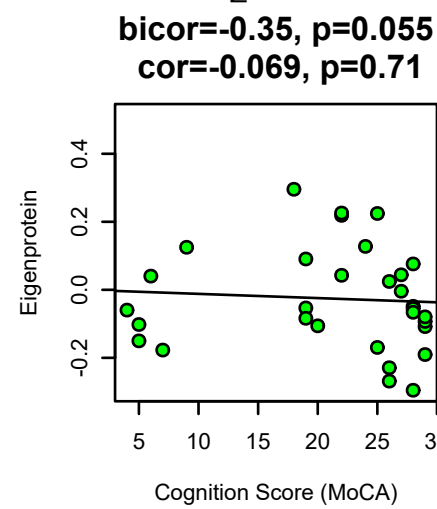
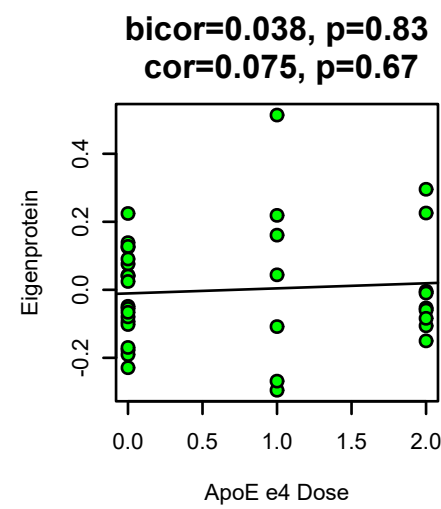
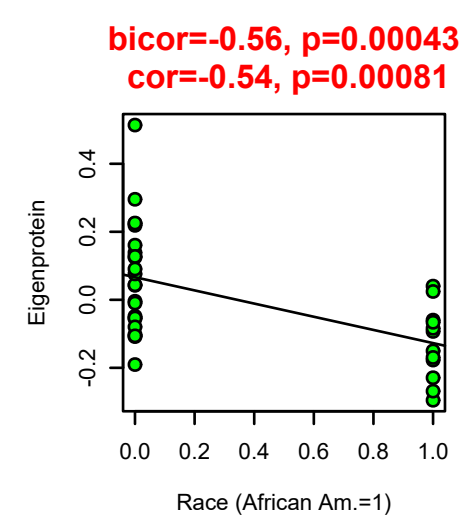
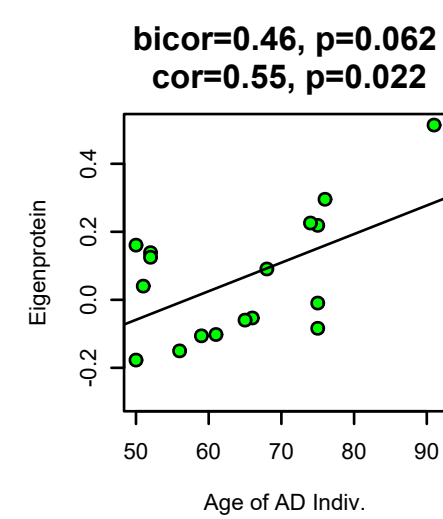
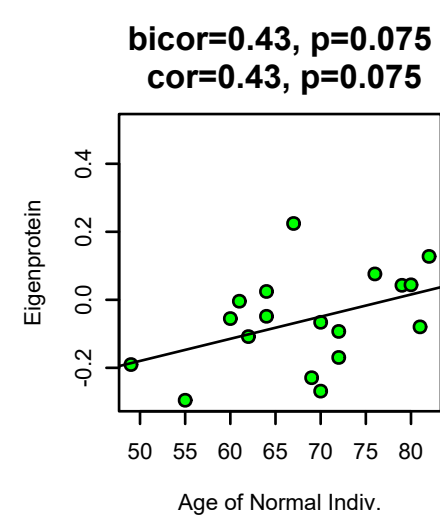
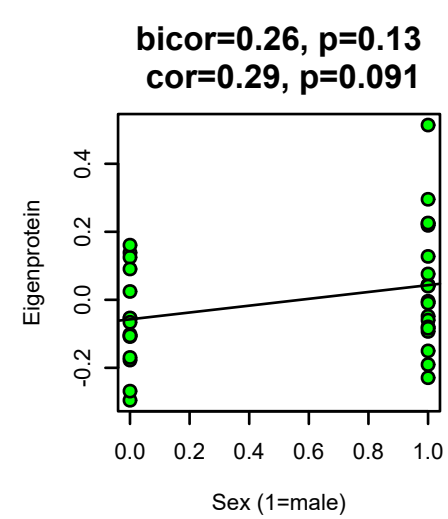
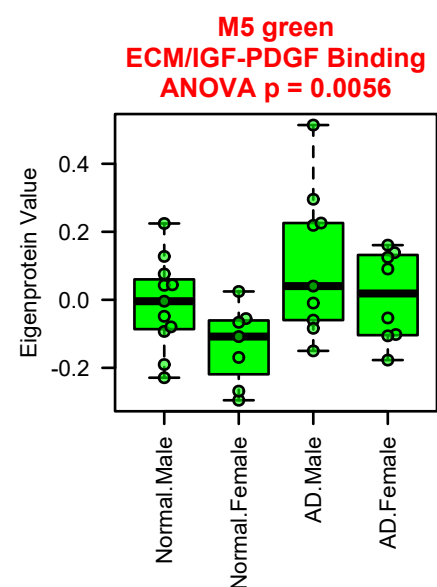
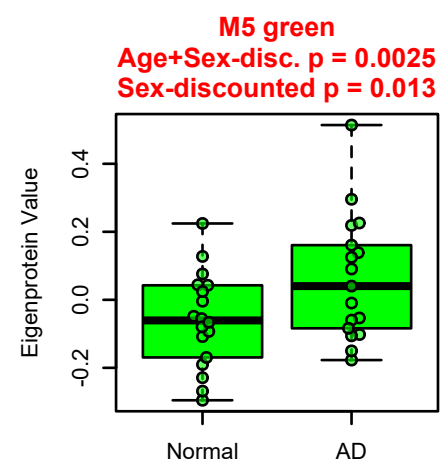
bicor=-0.44, $p=0.0085$
cor=-0.45, $p=0.0067$



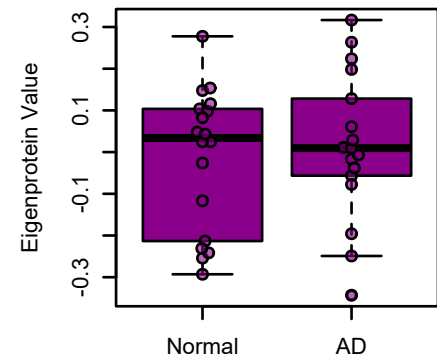
bicor=-0.57, $p=0.00031$
cor=-0.57, $p=0.00035$



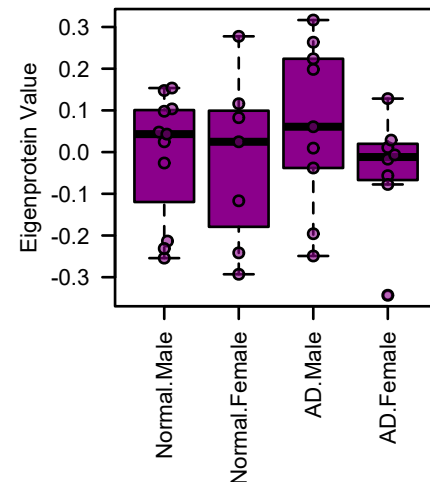




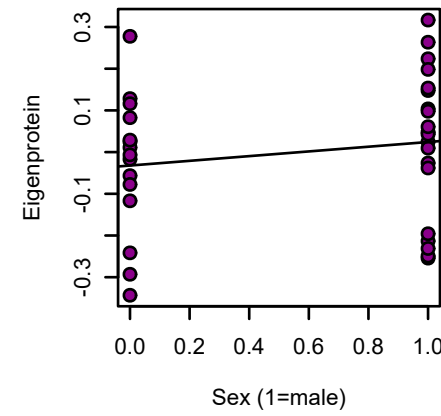
M34 darkmagenta
Age+Sex-disc. $p = 0.11$
Sex-discounted $p = 0.54$



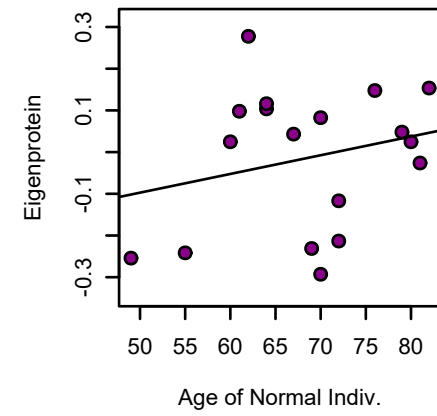
M34 darkmagenta
Carbohydrate Binding
ANOVA $p = 0.19$



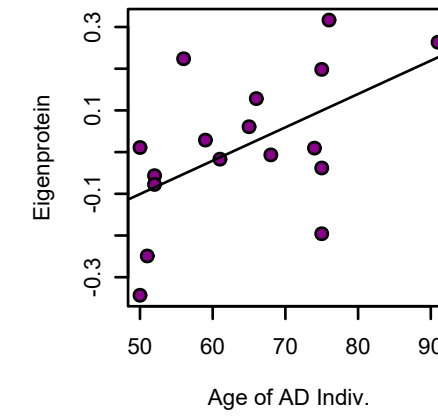
bicor=0.16, $p=0.36$
cor=0.17, $p=0.33$



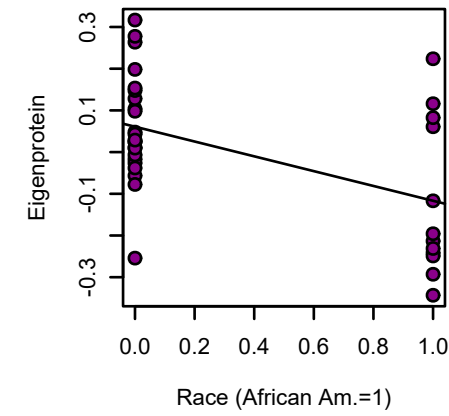
bicor=0.21, $p=0.39$
cor=0.24, $p=0.34$



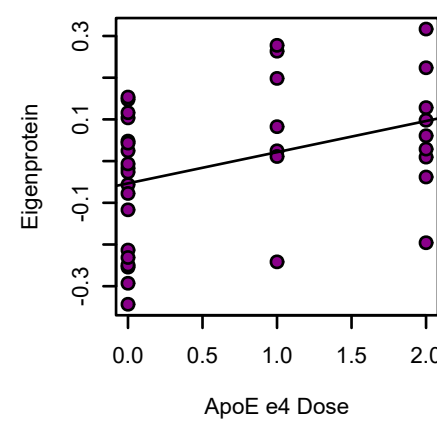
bicor=0.5, $p=0.039$
cor=0.54, $p=0.025$



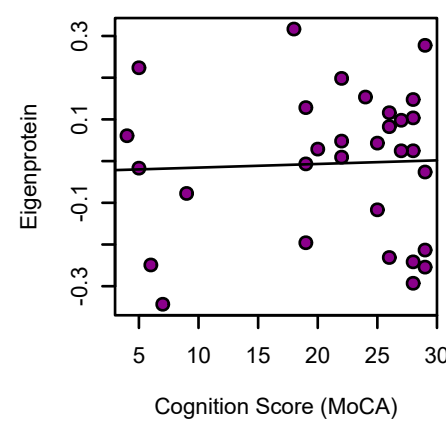
bicor=-0.48, $p=0.0038$
cor=-0.5, $p=0.0022$



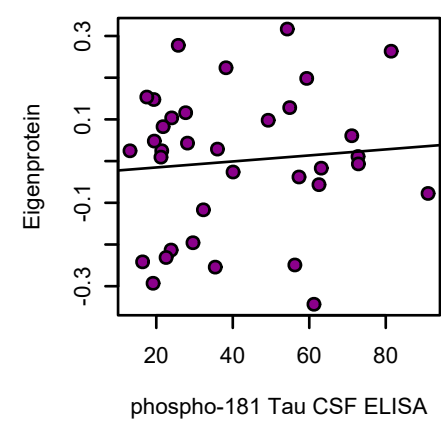
bicor=0.36, $p=0.031$
cor=0.37, $p=0.029$



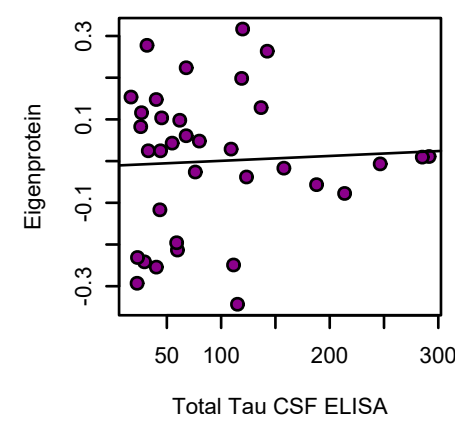
bicor=-0.037, $p=0.84$
cor=0.041, $p=0.83$



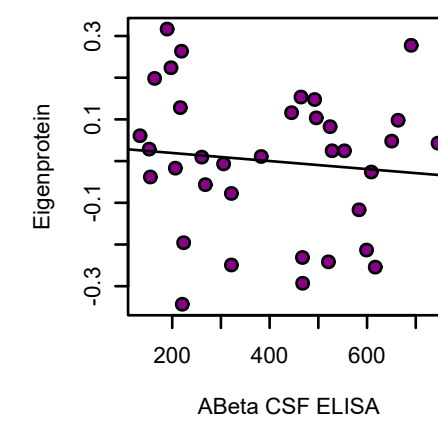
bicor=0.053, $p=0.76$
cor=0.091, $p=0.6$



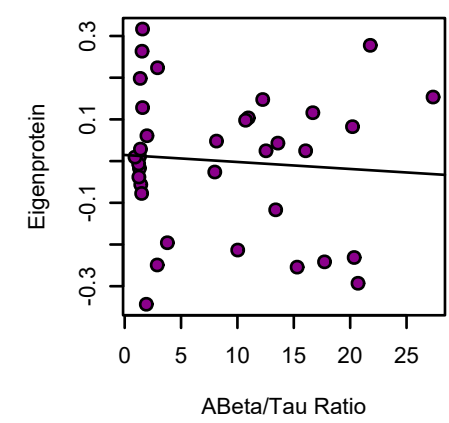
bicor=0.017, $p=0.92$
cor=0.051, $p=0.77$



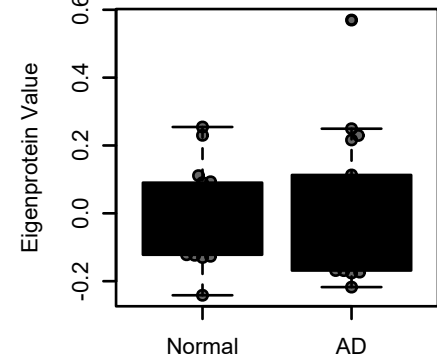
bicor=-0.075, $p=0.67$
cor=-0.1, $p=0.57$



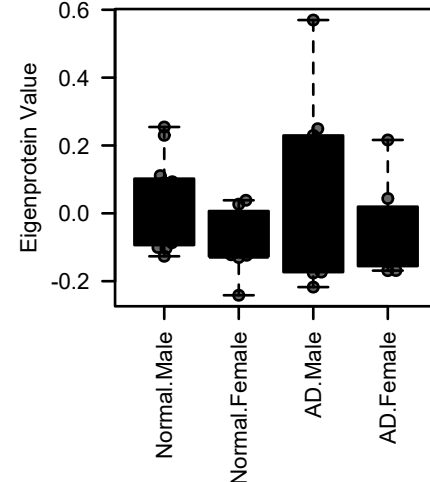
bicor=-0.084, $p=0.63$
cor=-0.077, $p=0.66$



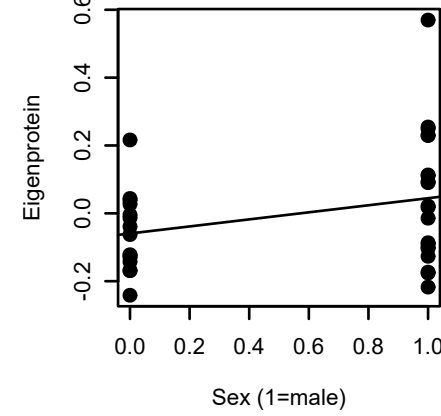
M7 black
Age+Sex-disc. $p = 0.0012$
Sex-discounted $p = 0.18$



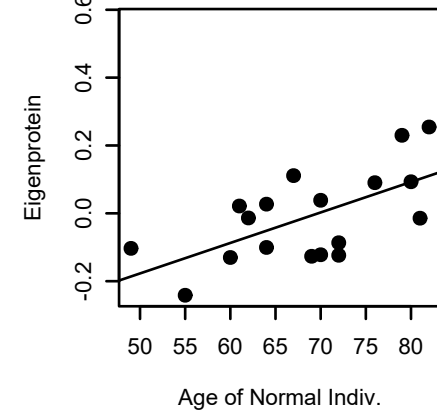
M7 black
TNF/Ephrin Signaling
ANOVA $p = 0.0023$



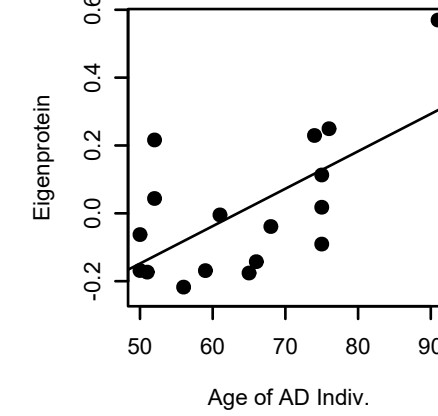
bicor=0.3, $p=0.082$
cor=0.3, $p=0.08$



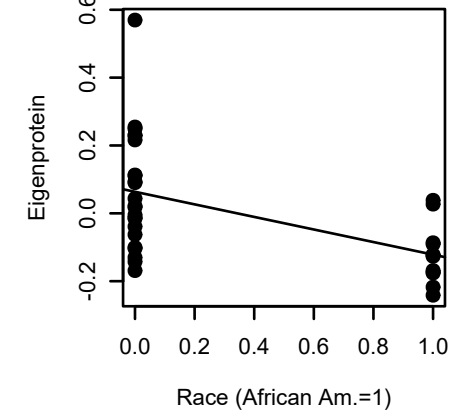
bicor=0.62, $p=0.0065$
cor=0.63, $p=0.0051$



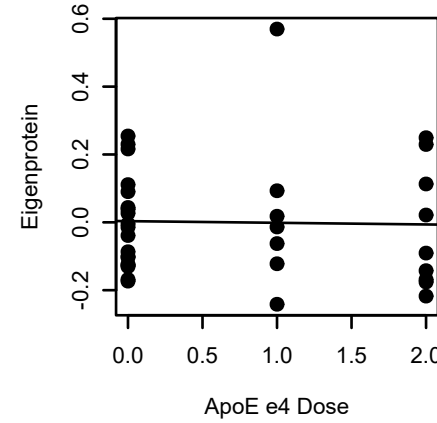
bicor=0.53, $p=0.028$
cor=0.63, $p=0.0067$



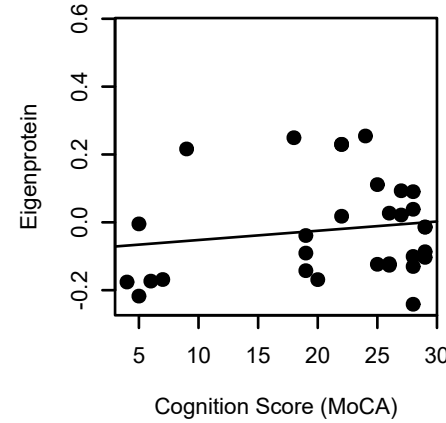
bicor=-0.56, $p=0.00043$
cor=-0.52, $p=0.0014$



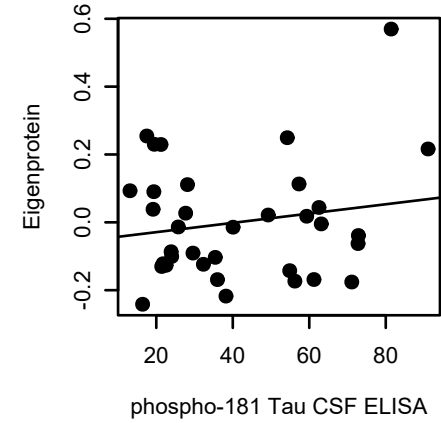
bicor=-0.051, $p=0.77$
cor=-0.024, $p=0.89$



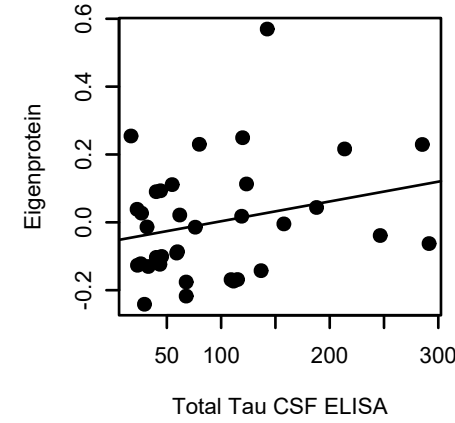
bicor=-0.077, $p=0.68$
cor=0.16, $p=0.39$



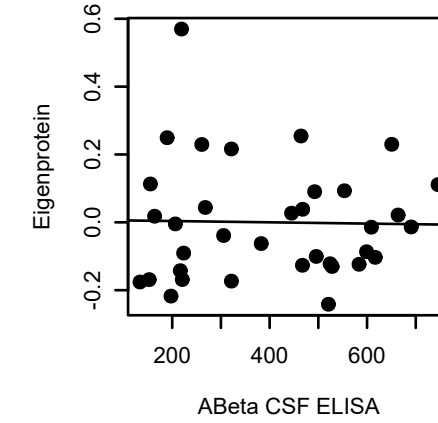
bicor=0.053, $p=0.76$
cor=0.17, $p=0.33$



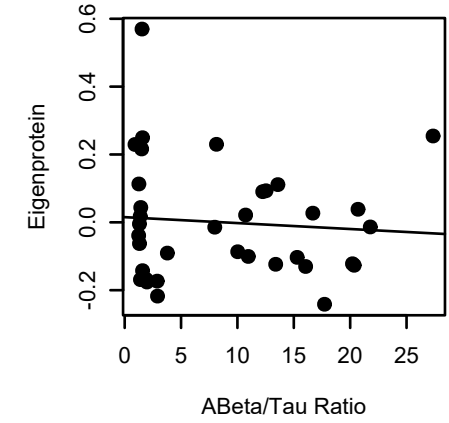
bicor=0.25, $p=0.15$
cor=0.25, $p=0.15$



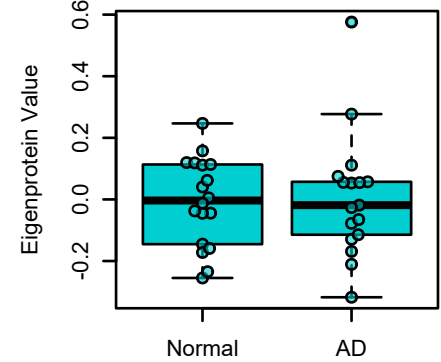
bicor=0.034, $p=0.85$
cor=-0.02, $p=0.91$



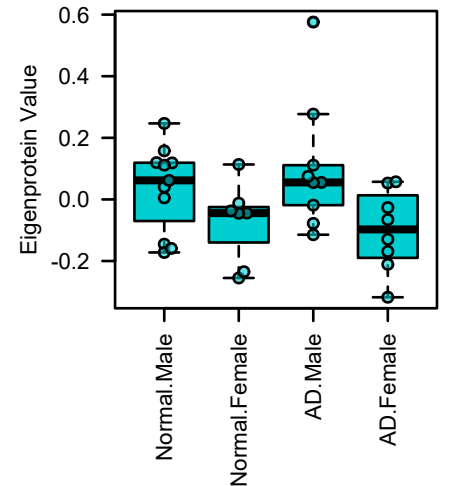
bicor=-0.053, $p=0.76$
cor=-0.08, $p=0.65$



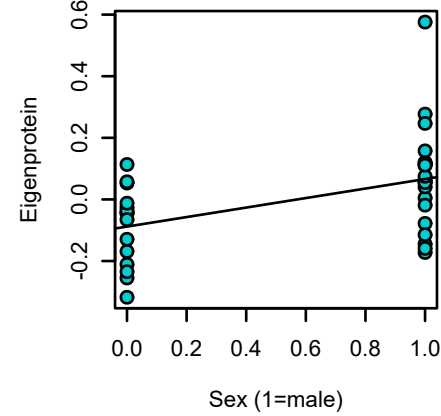
M23 darkturquoise
Age+Sex-disc. $p = 0.0011$
Sex-discounted $p = 0.023$



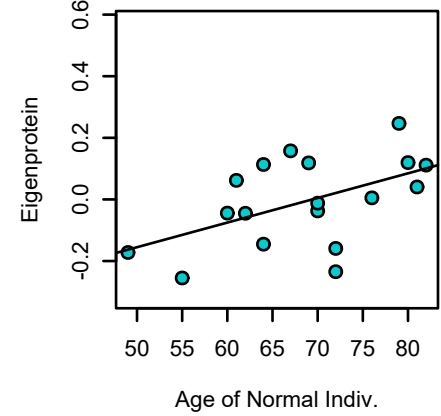
M23 darkturquoise
Carbohydrate Binding/ECM
ANOVA $p = 0.003$



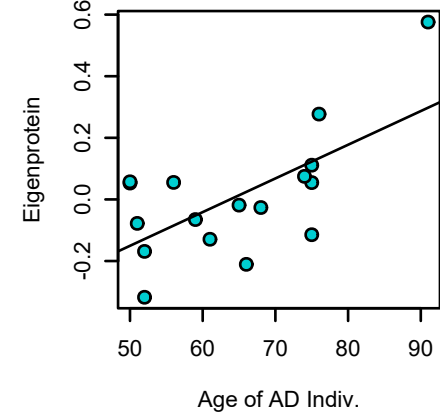
bicor=0.47, $p=0.0044$
cor=0.45, $p=0.0067$



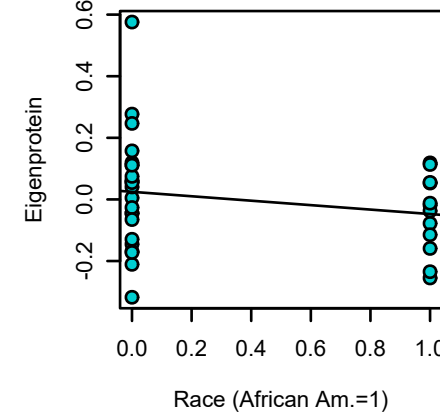
bicor=0.5, $p=0.033$
cor=0.52, $p=0.027$



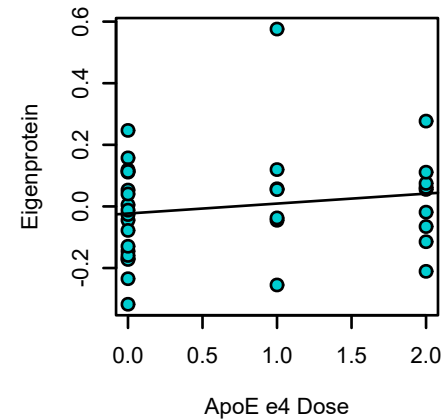
bicor=0.48, $p=0.05$
cor=0.65, $p=0.0047$



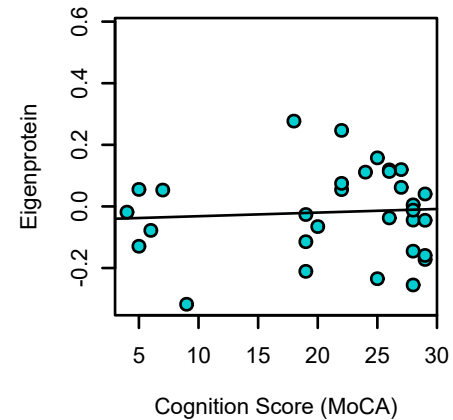
bicor=-0.19, $p=0.27$
cor=-0.2, $p=0.25$



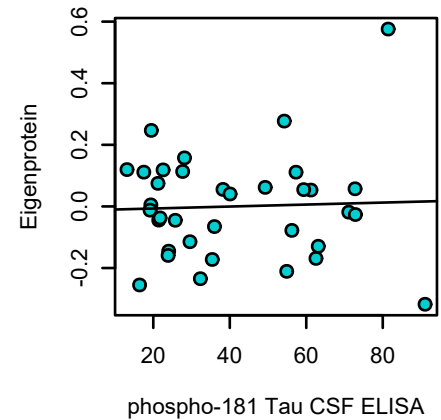
bicor=0.16, $p=0.34$
cor=0.16, $p=0.36$



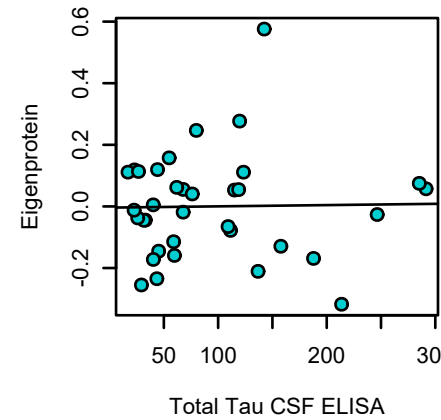
bicor=-0.04, $p=0.83$
cor=0.068, $p=0.72$



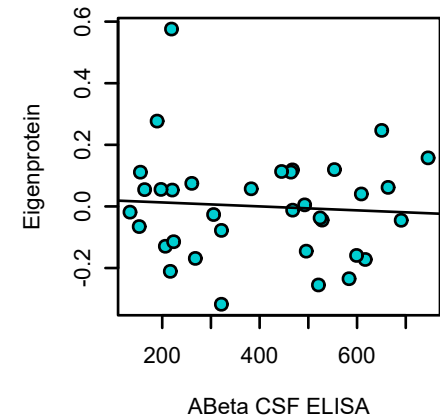
bicor=-0.028, $p=0.87$
cor=0.041, $p=0.82$



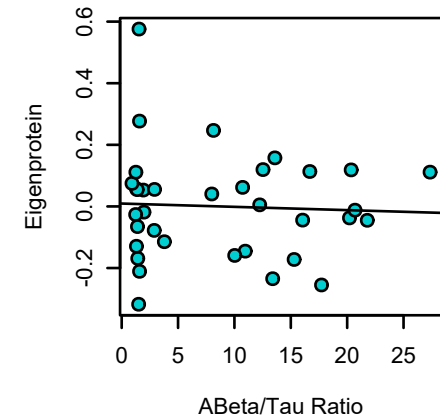
bicor=-0.015, $p=0.93$
cor=0.018, $p=0.92$



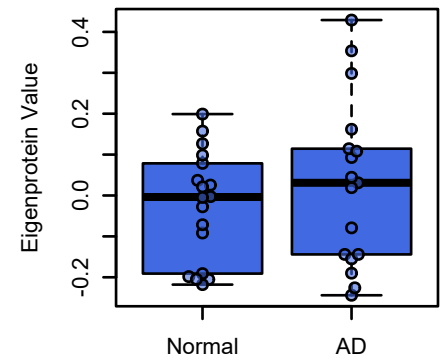
bicor=-0.029, $p=0.87$
cor=-0.069, $p=0.69$



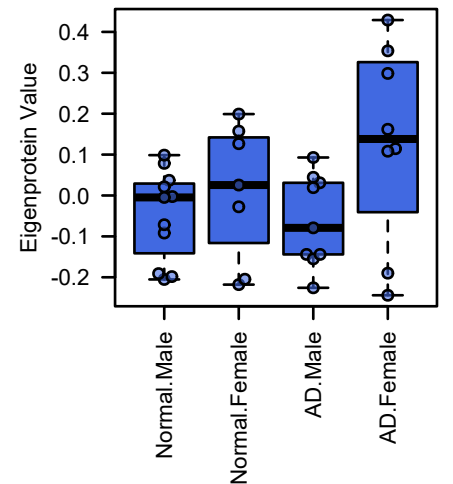
bicor=-0.0087, $p=0.96$
cor=-0.049, $p=0.78$



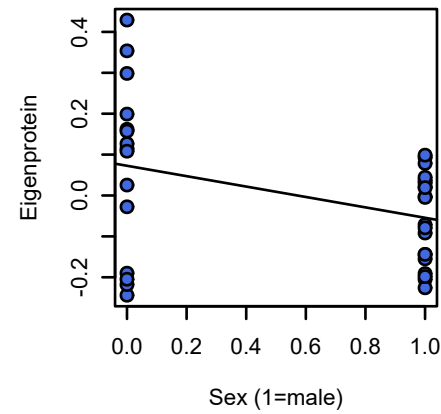
M20 royalblue
Age+Sex-disc. $p = 0.091$
Sex-discounted $p = 0.067$



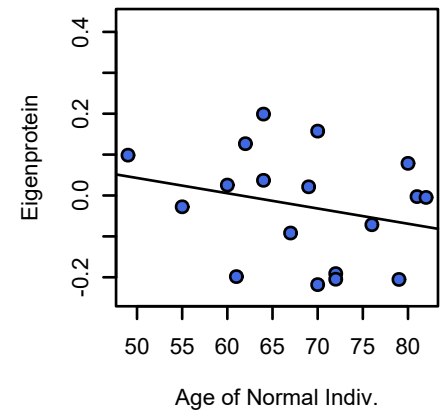
M20 royalblue
Digestion
ANOVA $p = 0.073$



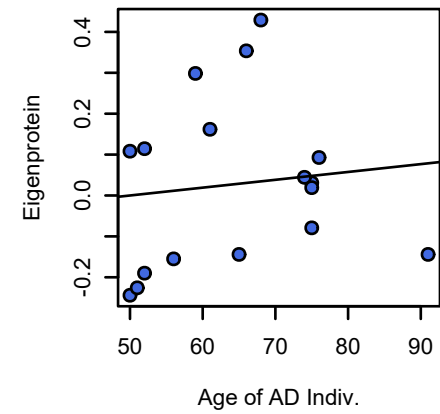
bicor=-0.37, $p=0.029$
cor=-0.37, $p=0.029$



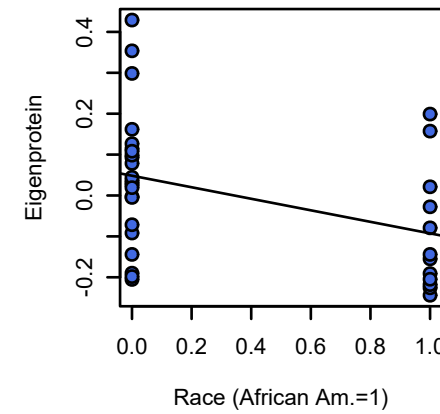
bicor=-0.24, $p=0.34$
cor=-0.26, $p=0.3$



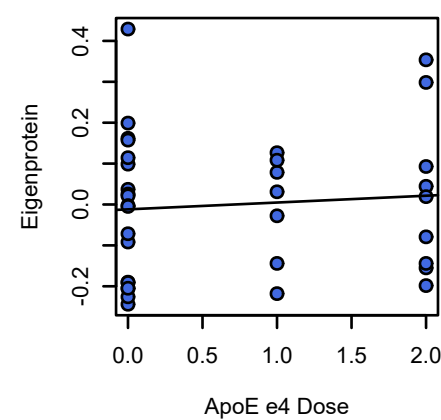
bicor=0.12, $p=0.63$
cor=0.11, $p=0.67$



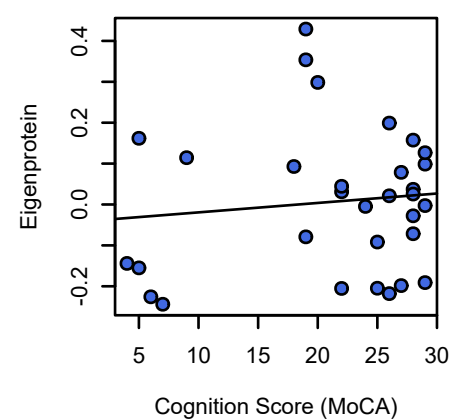
bicor=-0.39, $p=0.019$
cor=-0.4, $p=0.017$



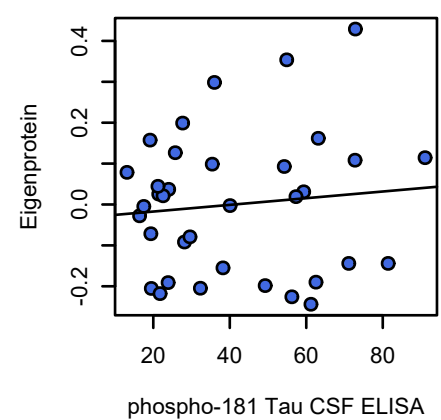
bicor=0.077, $p=0.66$
cor=0.084, $p=0.63$



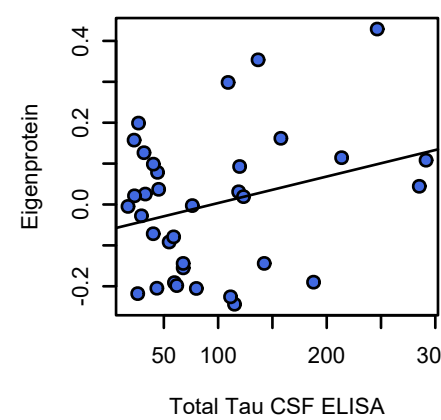
bicor=-0.09, $p=0.63$
cor=0.11, $p=0.56$



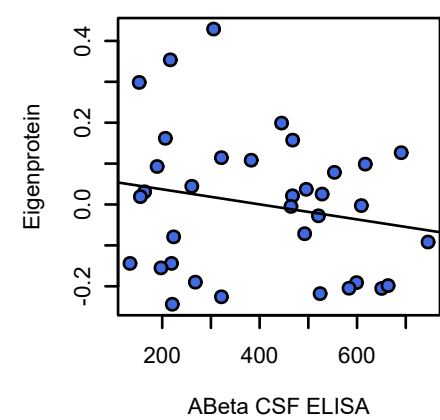
bicor=0.04, $p=0.82$
cor=0.1, $p=0.57$



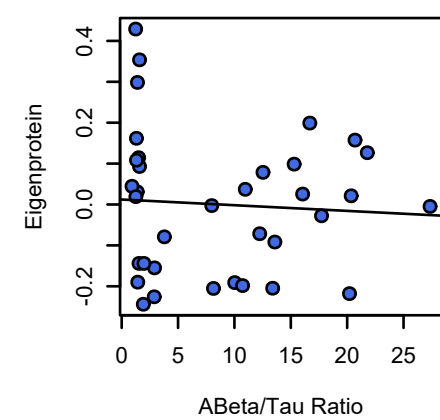
bicor=0.16, $p=0.35$
cor=0.28, $p=0.1$



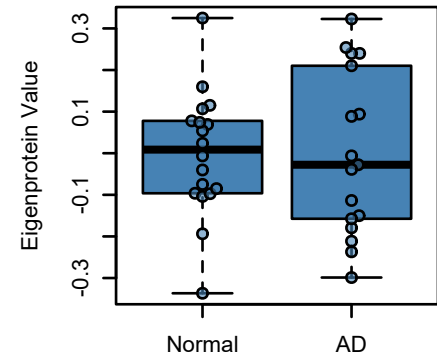
bicor=-0.15, $p=0.39$
cor=-0.2, $p=0.25$



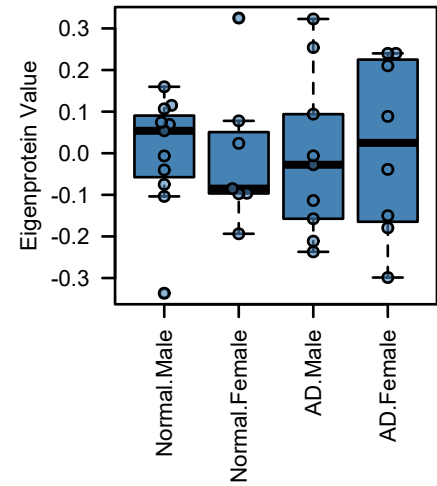
bicor=-0.055, $p=0.76$
cor=-0.063, $p=0.72$



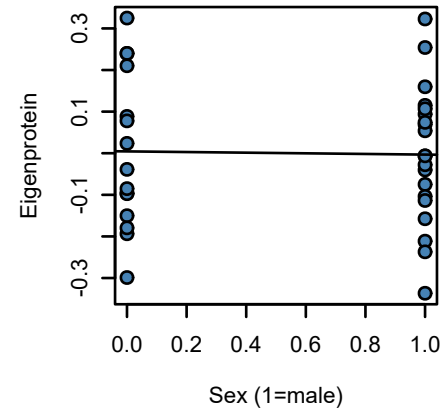
M30 steelblue
Age+Sex-disc. p = 0.74
Sex-discounted p = 0.99



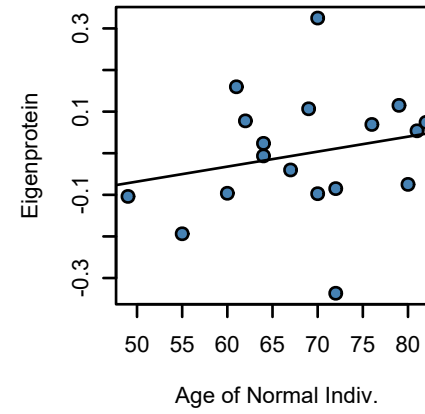
M30 steelblue
Ambiguous
ANOVA p = 0.83



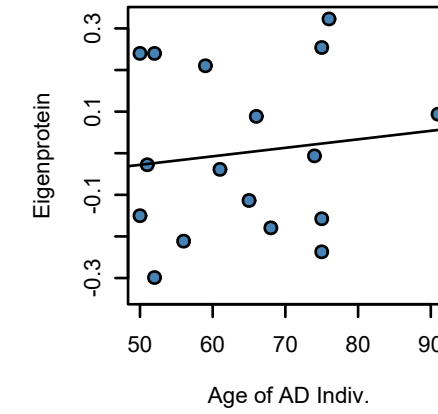
bicor=-0.0095, p=0.96
cor=-0.022, p=0.9



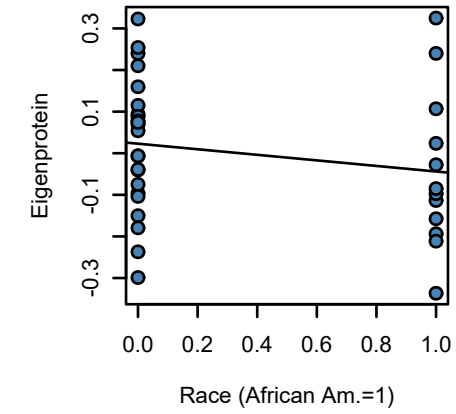
bicor=0.26, p=0.31
cor=0.22, p=0.38



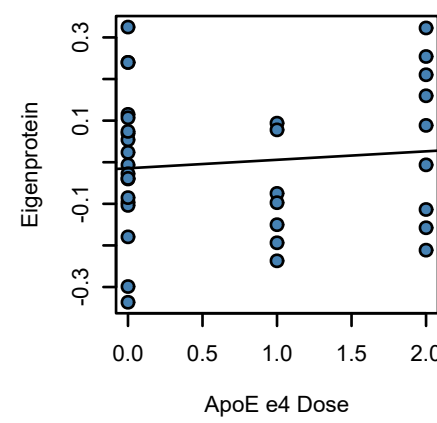
bicor=0.11, p=0.68
cor=0.12, p=0.65



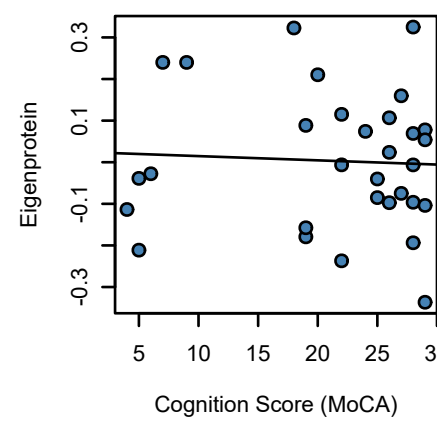
bicor=-0.2, p=0.24
cor=-0.19, p=0.27



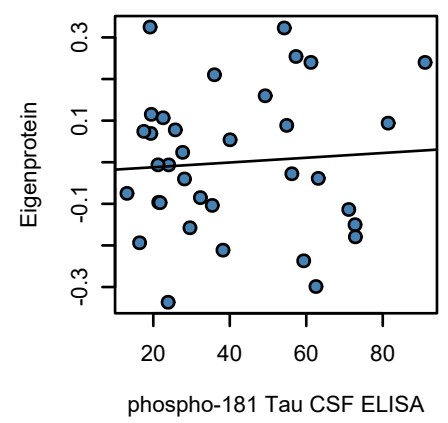
bicor=0.088, p=0.62
cor=0.1, p=0.57



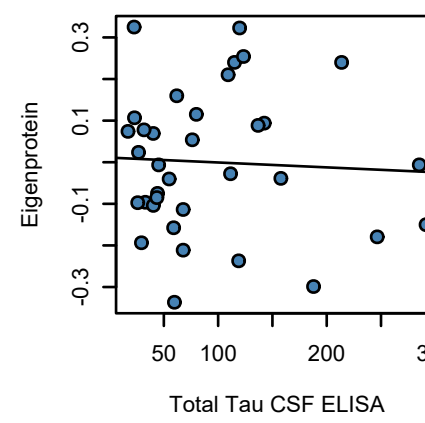
bicor=-0.17, p=0.36
cor=-0.051, p=0.79



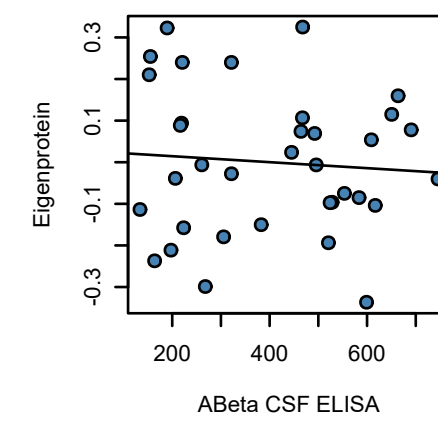
bicor=0.06, p=0.73
cor=0.072, p=0.68



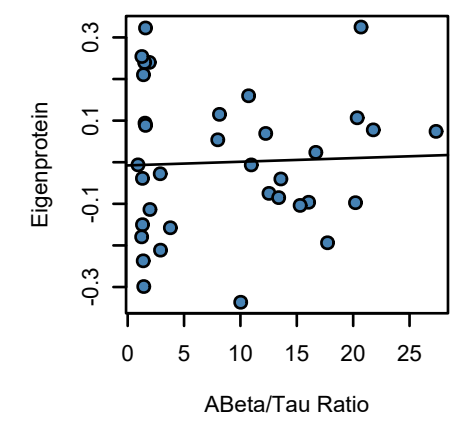
bicor=0.034, p=0.85
cor=-0.051, p=0.77



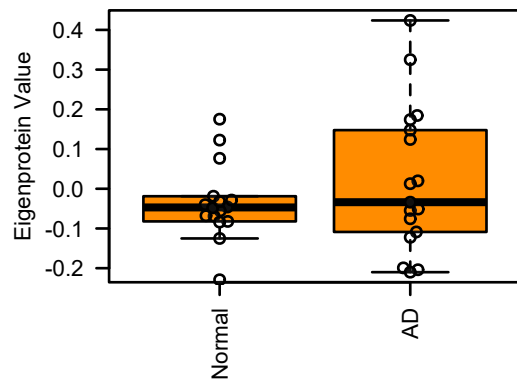
bicor=-0.066, p=0.71
cor=-0.077, p=0.66



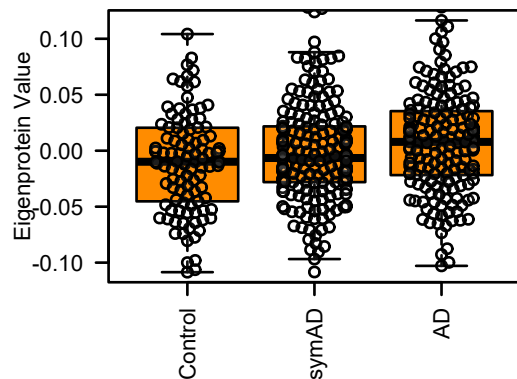
bicor=0.033, p=0.85
cor=0.04, p=0.82



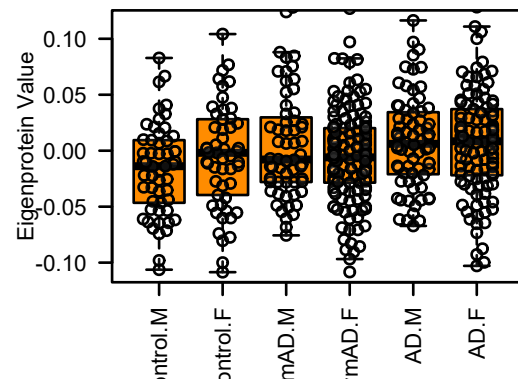
M26 darkorange.Plasma35
Bicarbonate Transport/Peroxidase



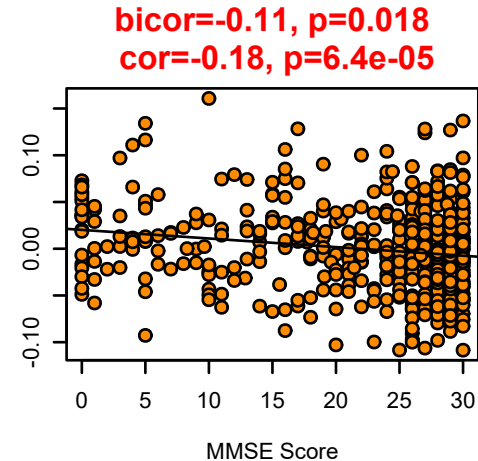
MEdarkorange.Brain (Synthetic)
ANOVA p: 0.0028



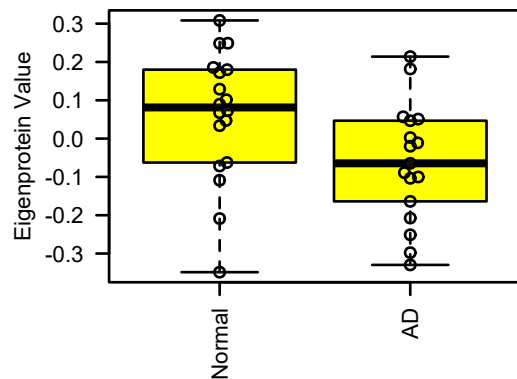
MEdarkorange.Brain (Synthetic)
ANOVA p: 0.0068



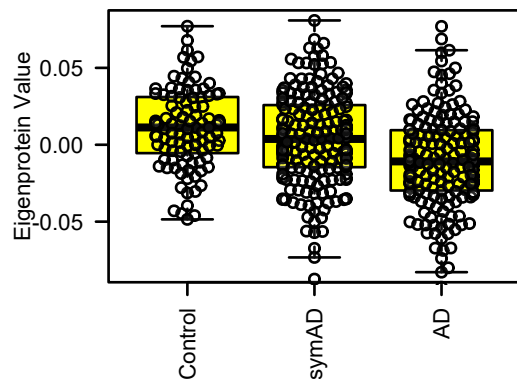
Diagnosis.Sex



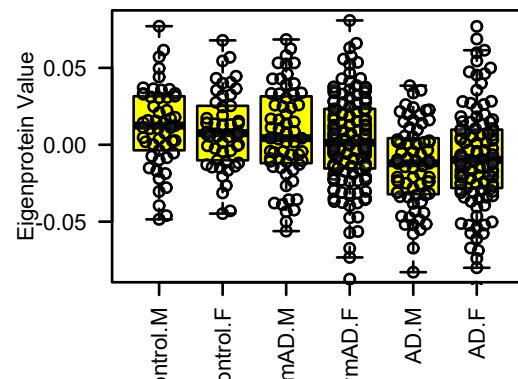
M4 yellow.Plasma35
T Cell Regulation



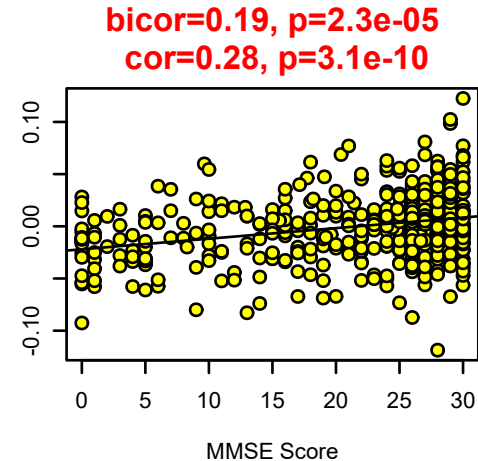
MEyellow.Brain (Synthetic)
ANOVA p: 8.4e-09



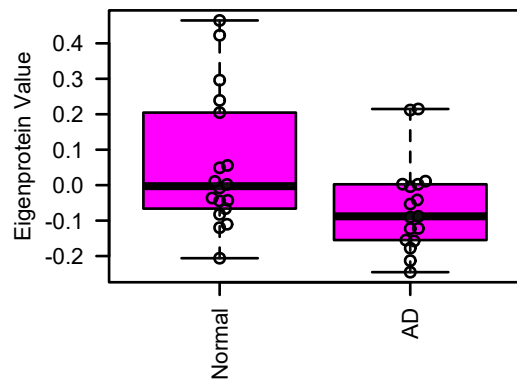
MEyellow.Brain (Synthetic)
ANOVA p: 1.6e-07



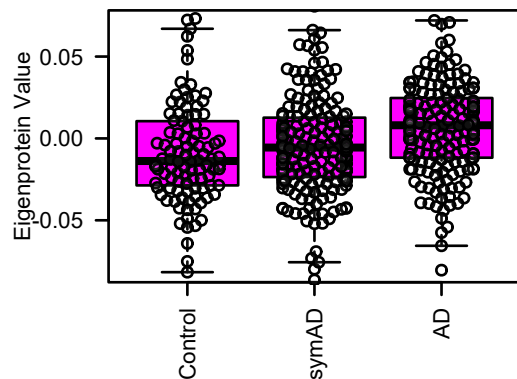
Diagnosis.Sex



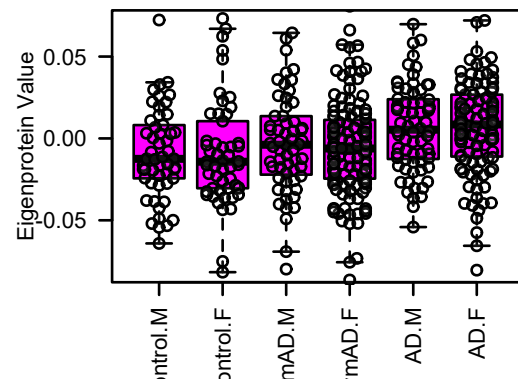
M9 magenta.Plasma35
Leukocyte Chemotaxis



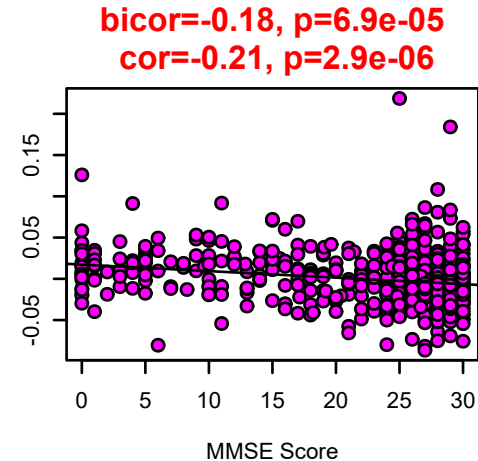
MEmagenta.Brain (Synthetic)
ANOVA p: 0.00032



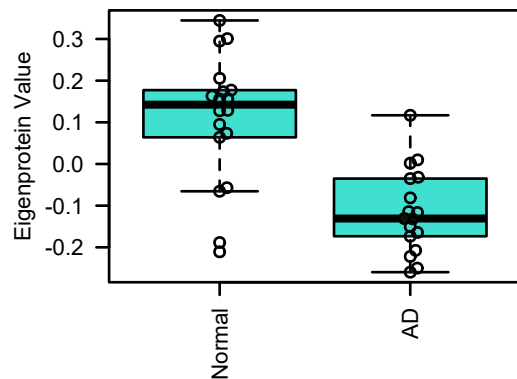
MEmagenta.Brain (Synthetic)
ANOVA p: 0.0066



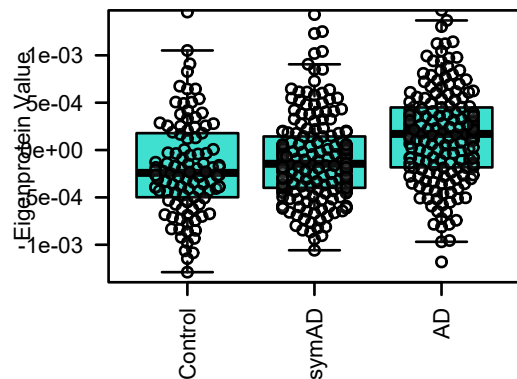
Diagnosis.Sex



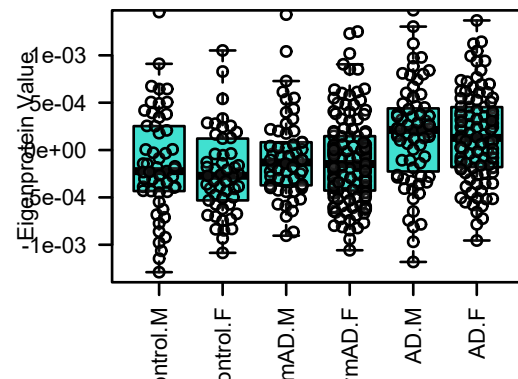
M1 turquoise.Plasma35
Cellular Metabolism/Intracellular Transpor



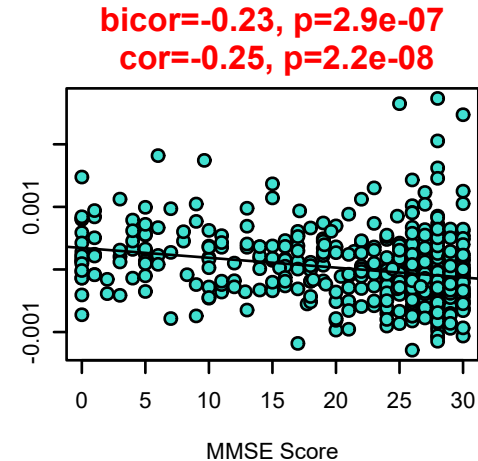
MEturquoise.Brain (Synthetic)
ANOVA p: 8.6e-07

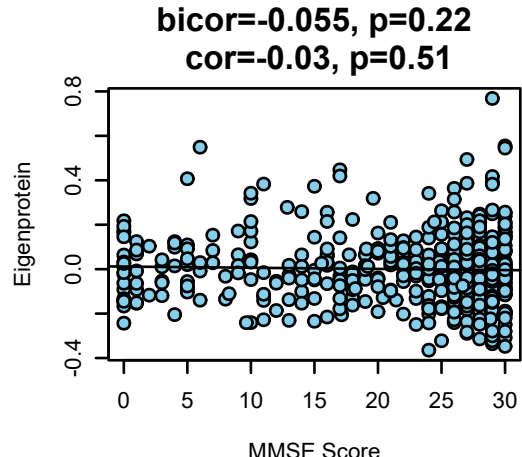
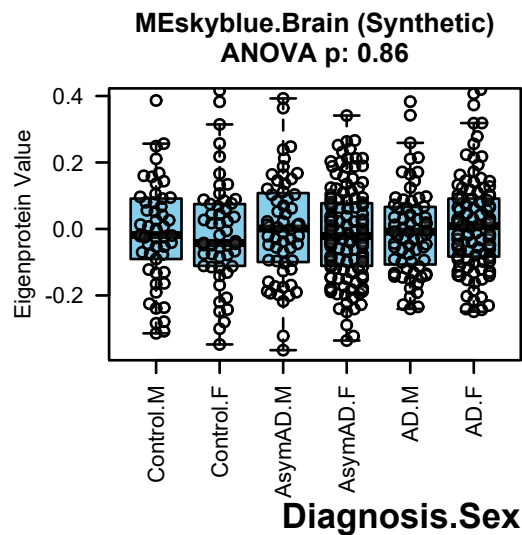
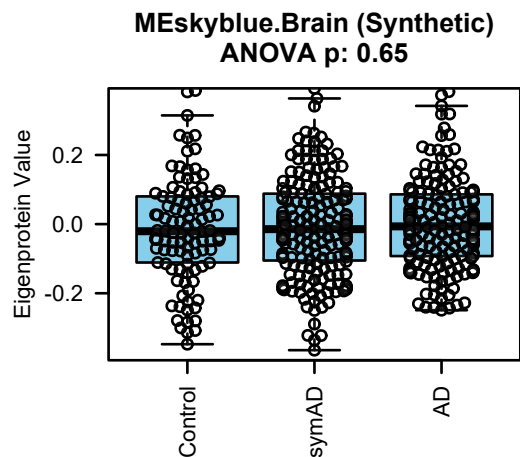
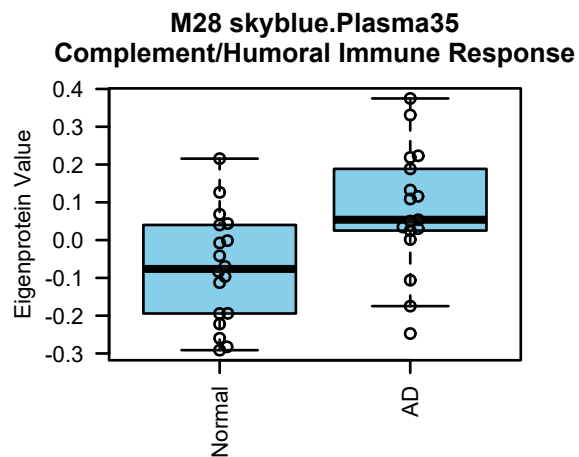
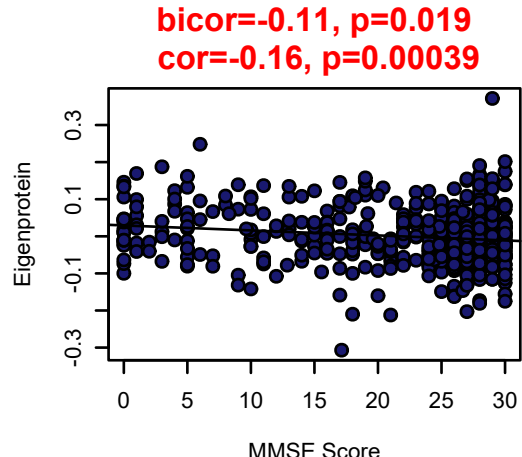
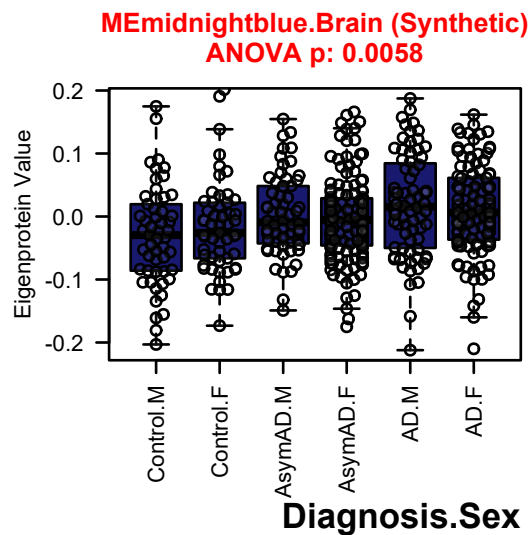
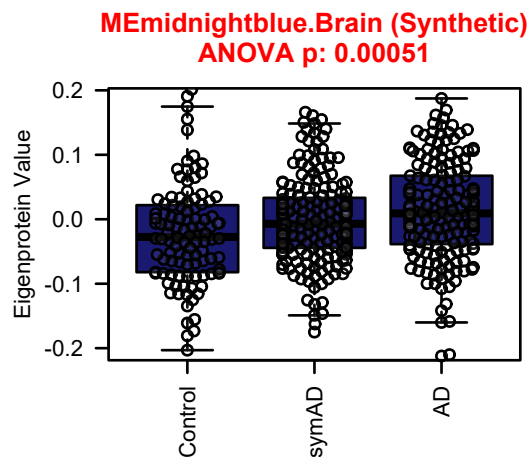
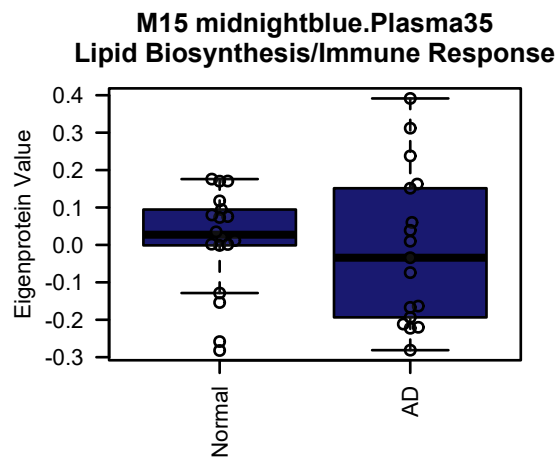
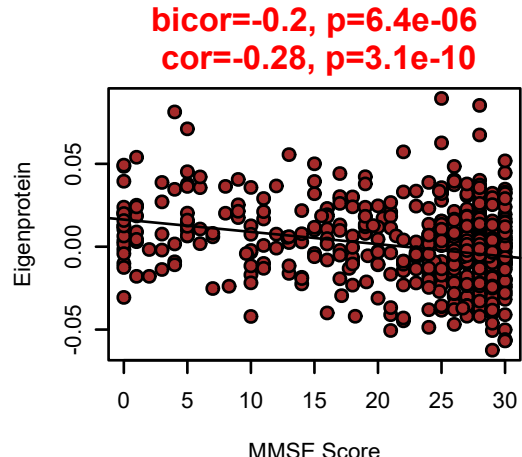
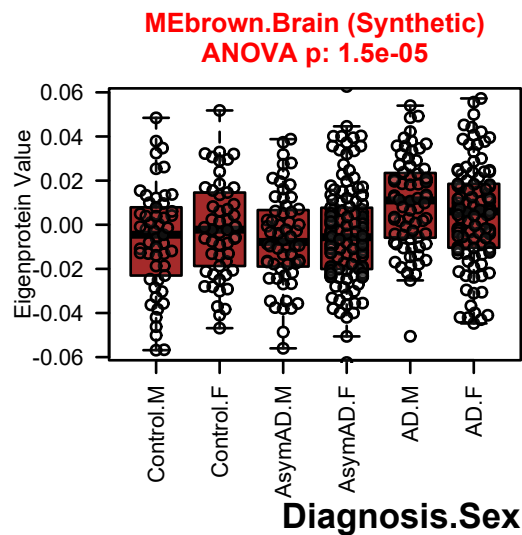
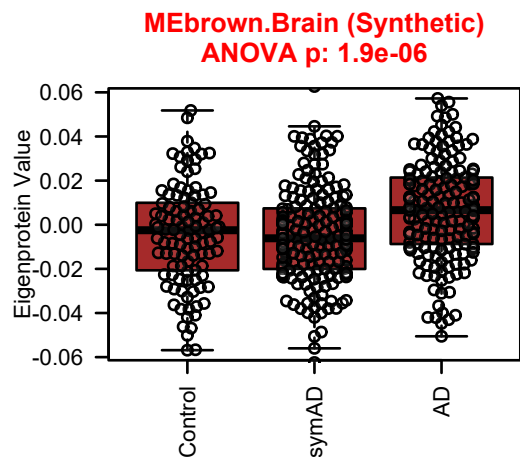
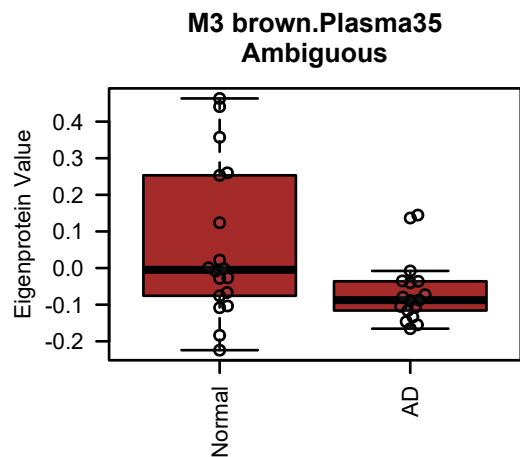
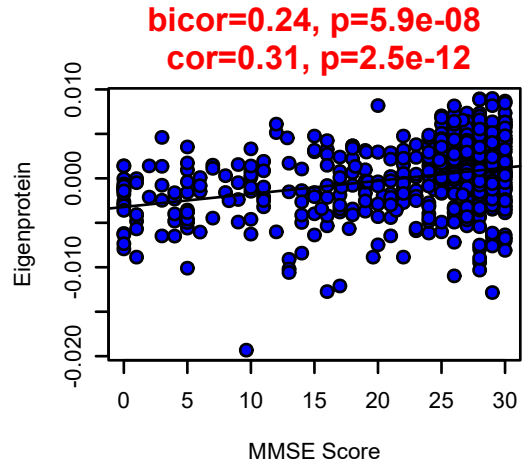
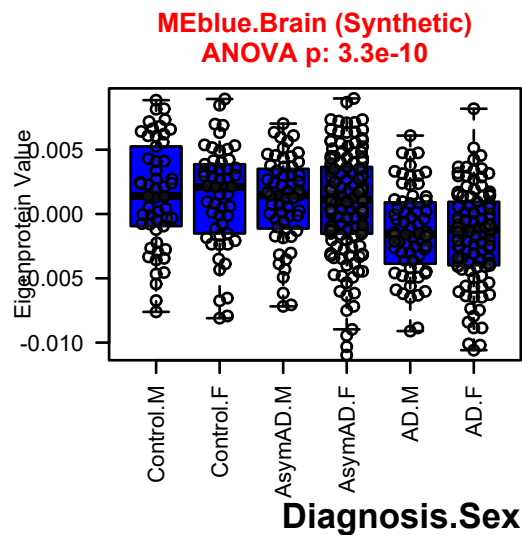
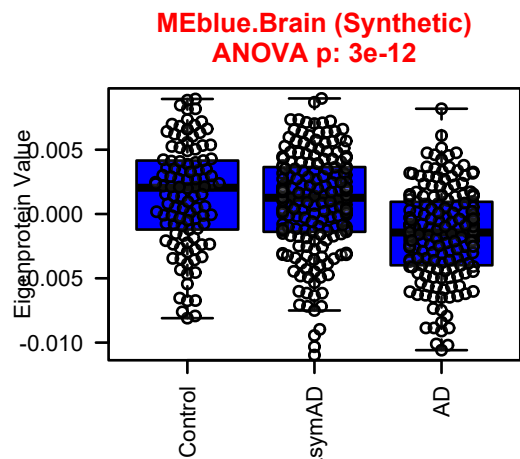
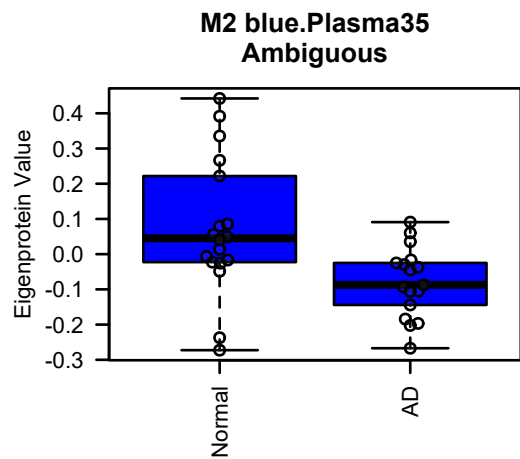


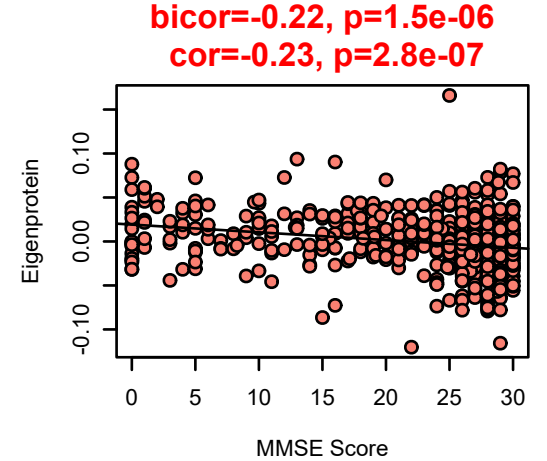
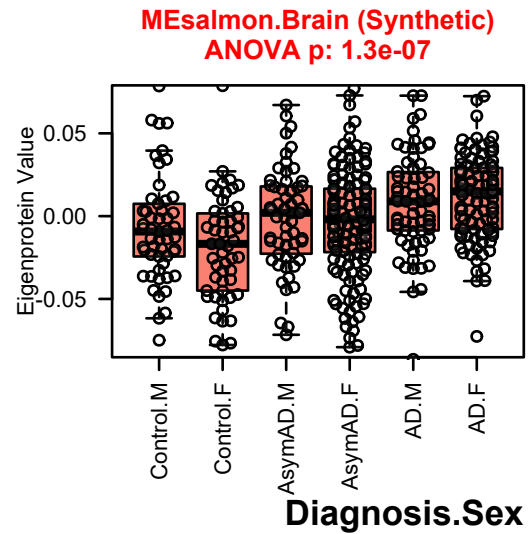
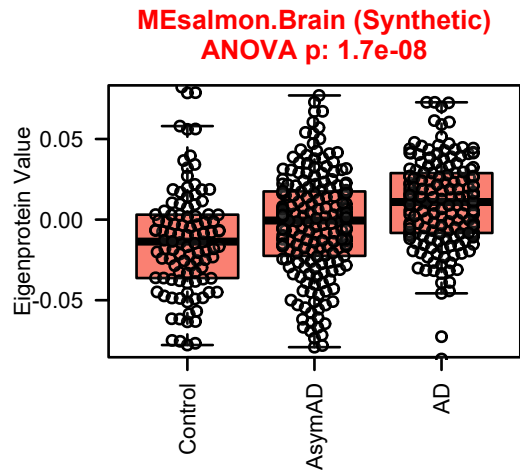
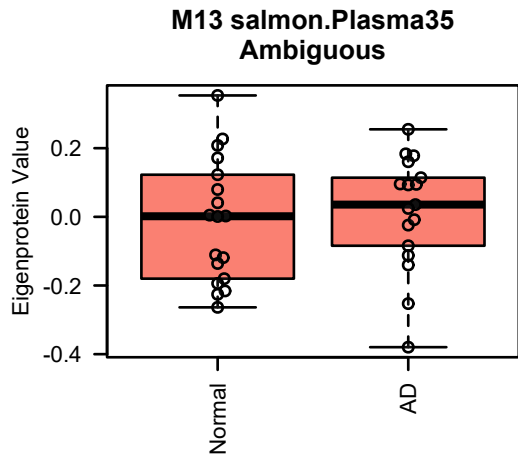
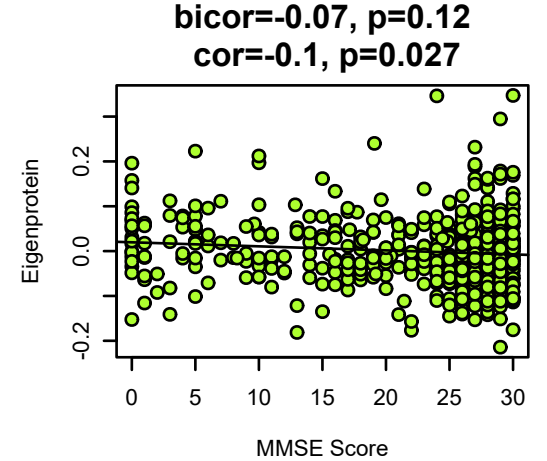
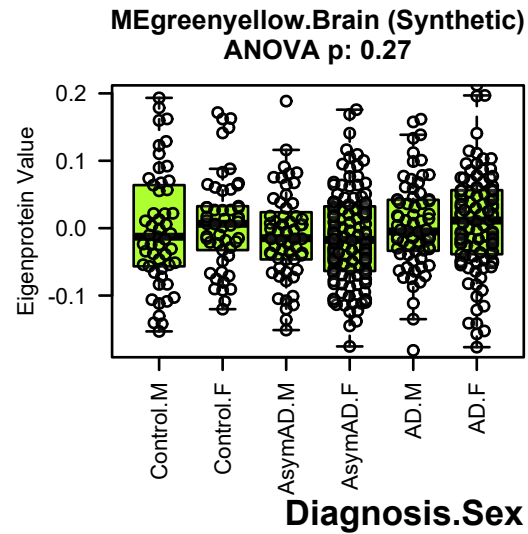
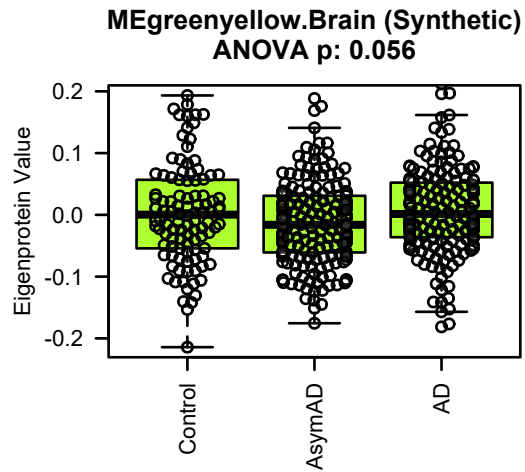
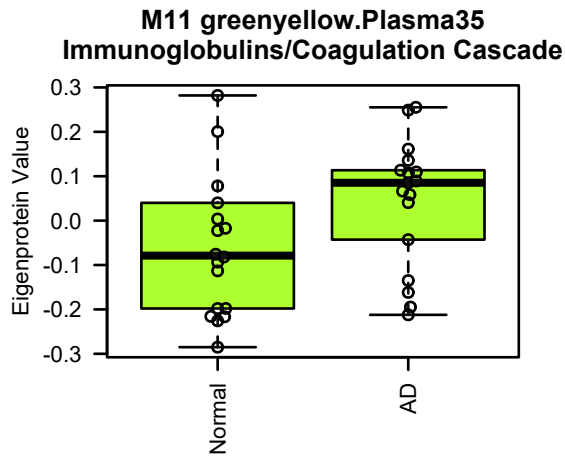
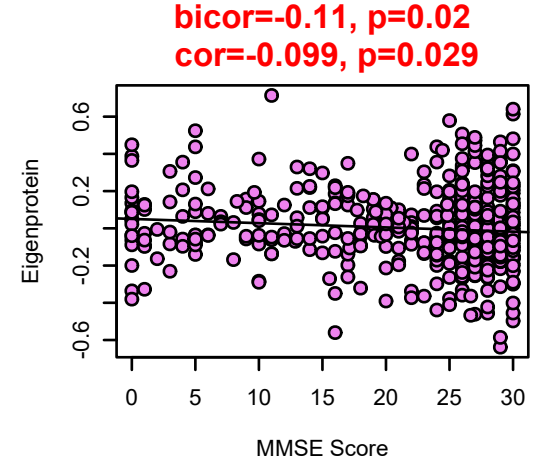
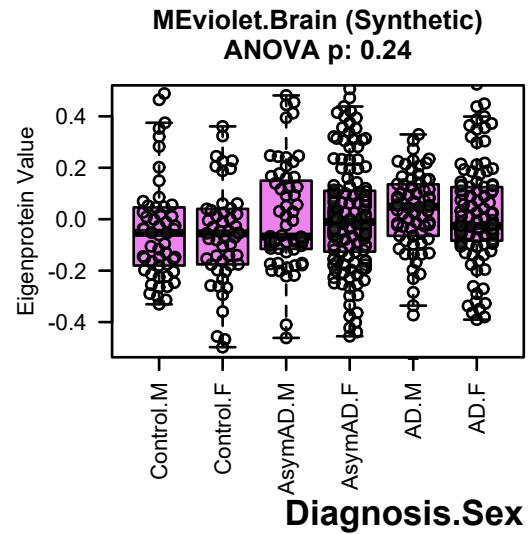
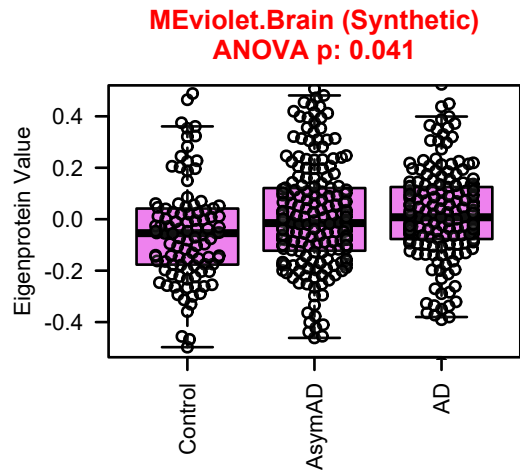
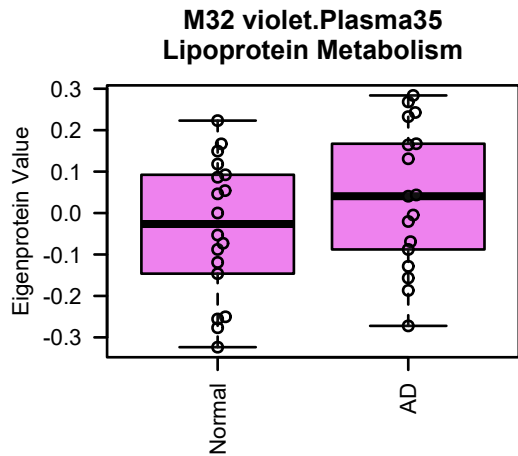
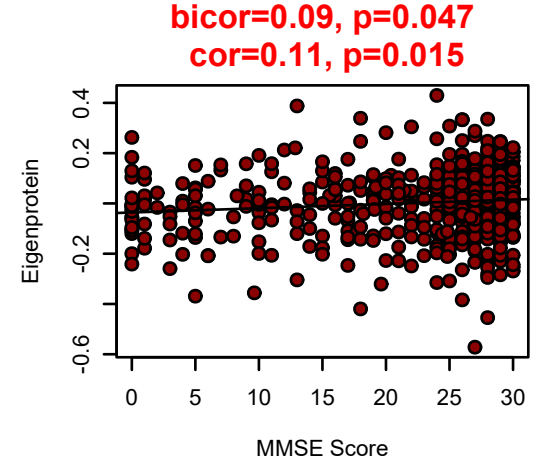
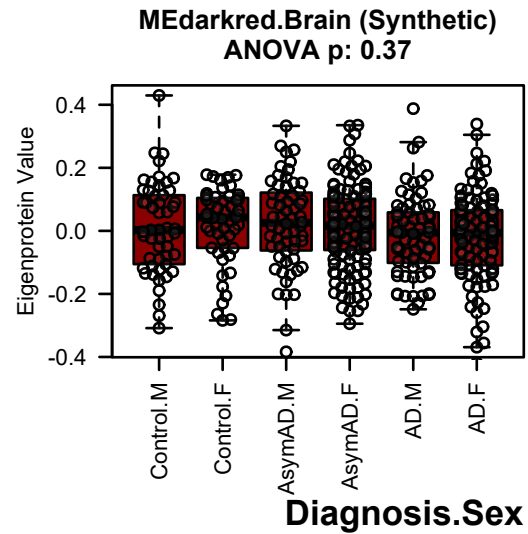
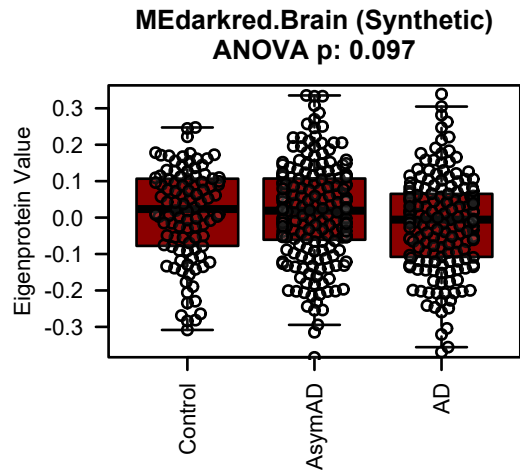
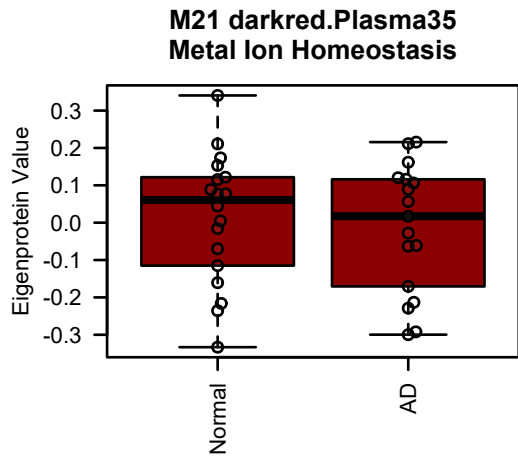
MEturquoise.Brain (Synthetic)
ANOVA p: 3.8e-05



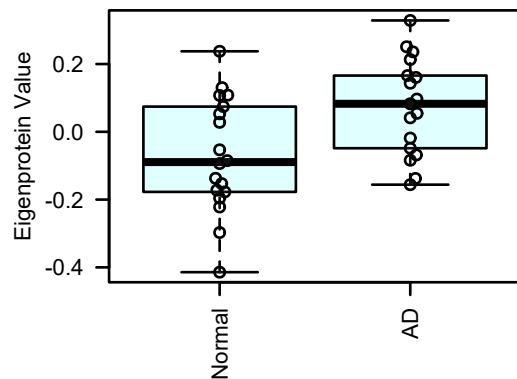
Diagnosis.Sex



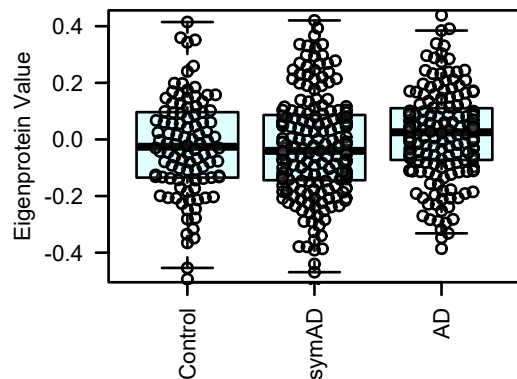




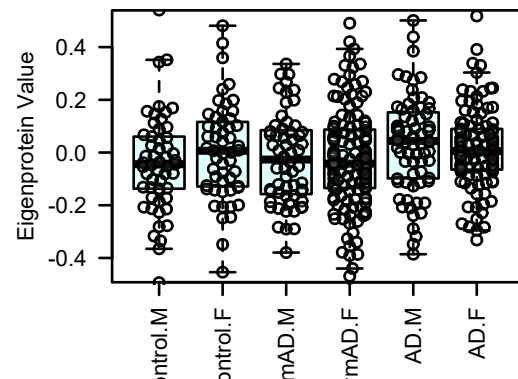
M16 lightcyan.Plasma35
Complement/Protein Activation Cascade



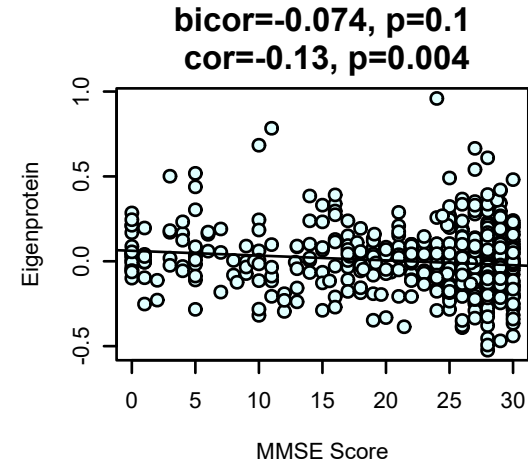
MElightcyan.Brain (Synthetic)
ANOVA p: 0.045



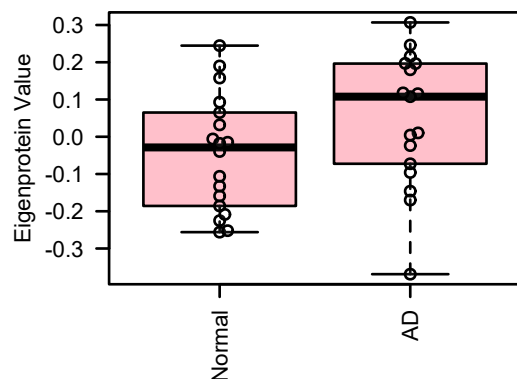
MElightcyan.Brain (Synthetic)
ANOVA p: 0.15



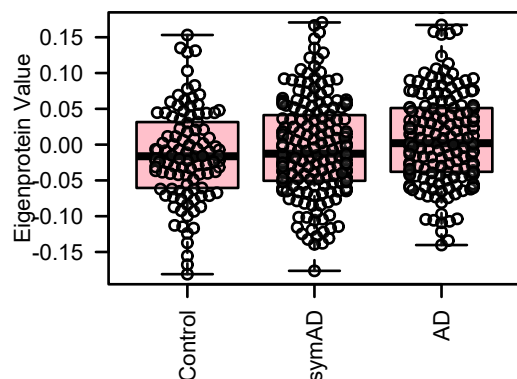
Diagnosis.Sex



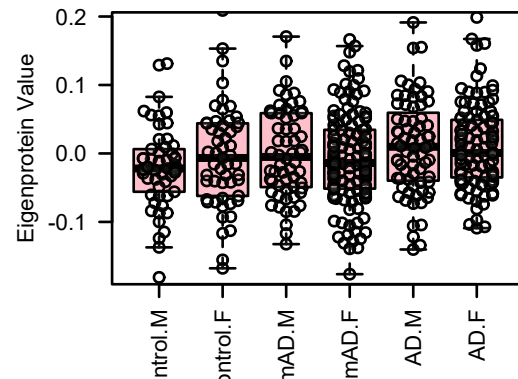
M8 pink.Plasma35
Protein Activation Cascade



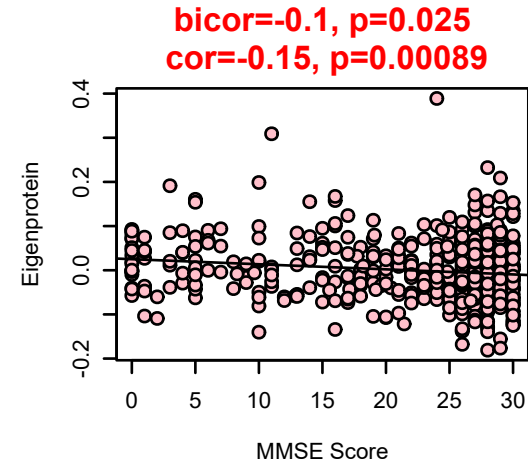
MEpink.Brain (Synthetic)
ANOVA p: 0.019



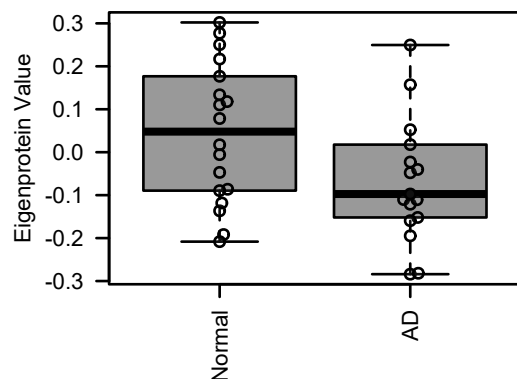
MEpink.Brain (Synthetic)
ANOVA p: 0.091



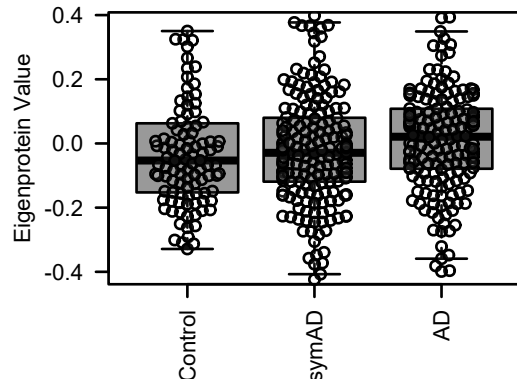
Diagnosis.Sex



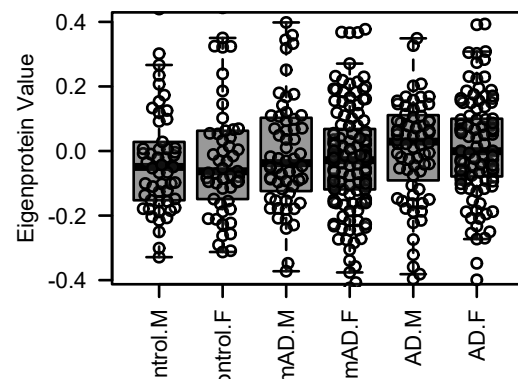
M17 grey60.Plasma35
Glycosylation



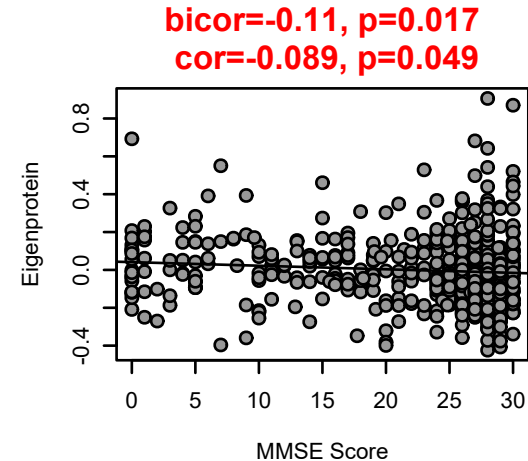
MEgrey60.Brain (Synthetic)
ANOVA p: 0.26



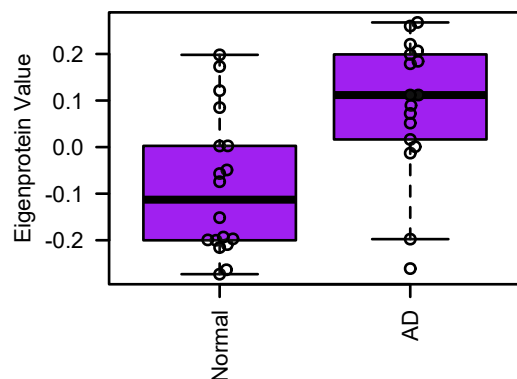
MEgrey60.Brain (Synthetic)
ANOVA p: 0.61



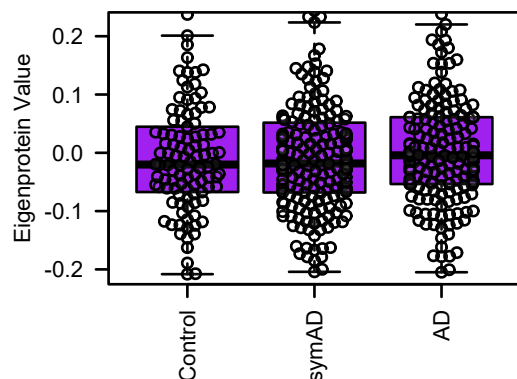
Diagnosis.Sex



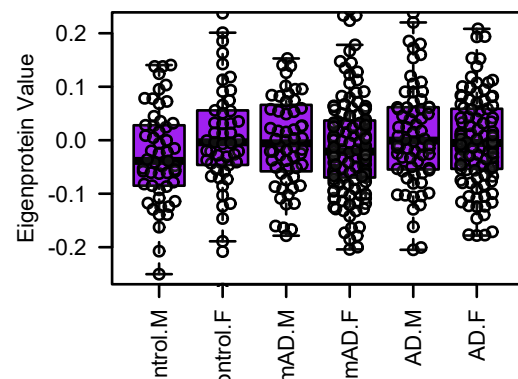
M10 purple.Plasma35
Ambiguous



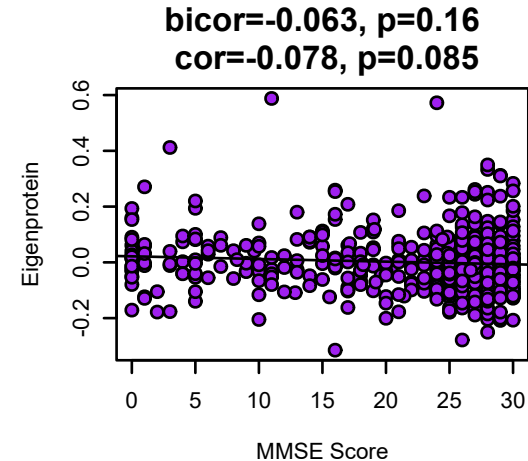
MEpurple.Brain (Synthetic)
ANOVA p: 0.39



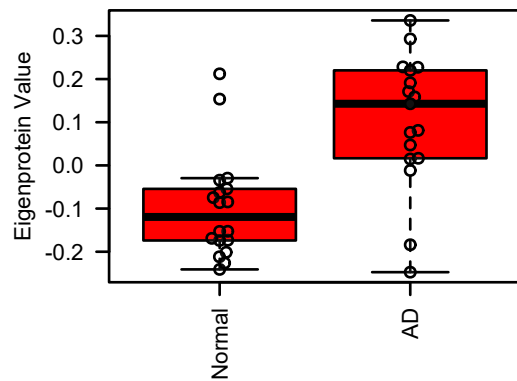
MEpurple.Brain (Synthetic)
ANOVA p: 0.3



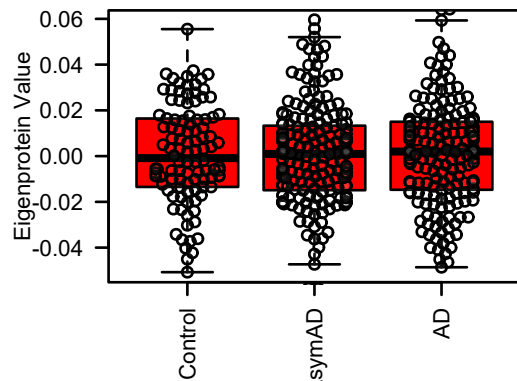
Diagnosis.Sex



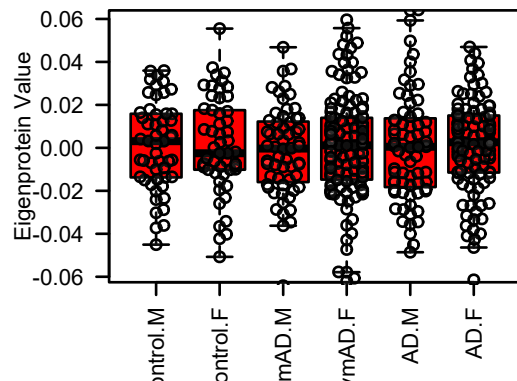
M6 red.Plasma35
Axon Guidance/Nervous System Dev



MEred.Brain (Synthetic)
ANOVA p: 0.79

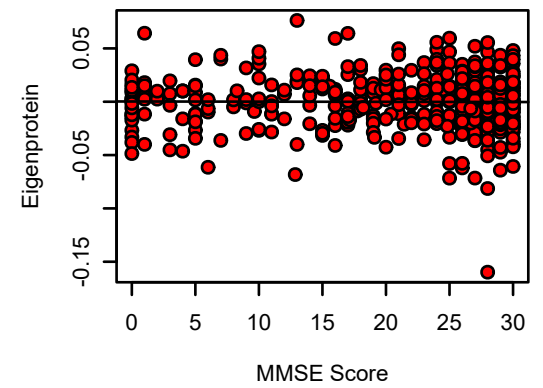


MEred.Brain (Synthetic)
ANOVA p: 0.98

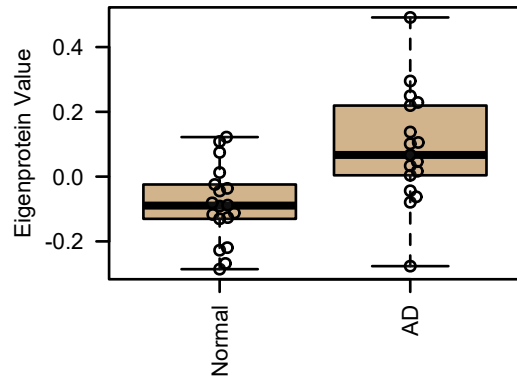


Diagnosis.Sex

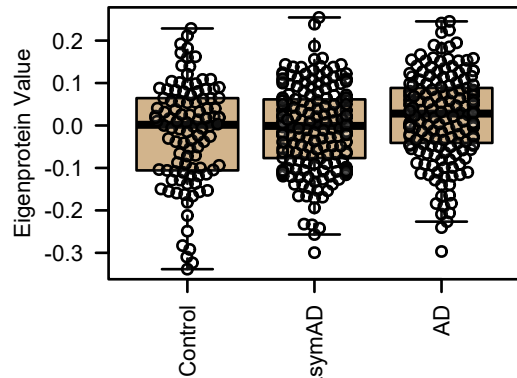
bicor=-0.049, p=0.28
cor=-0.0061, p=0.89



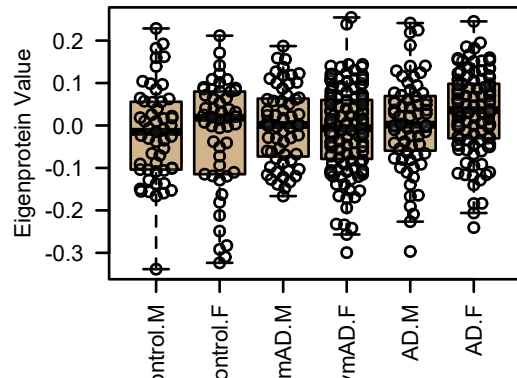
M12 tan.Plasma35
Matrisome



MEtan.Brain (Synthetic)
ANOVA p: 0.00064

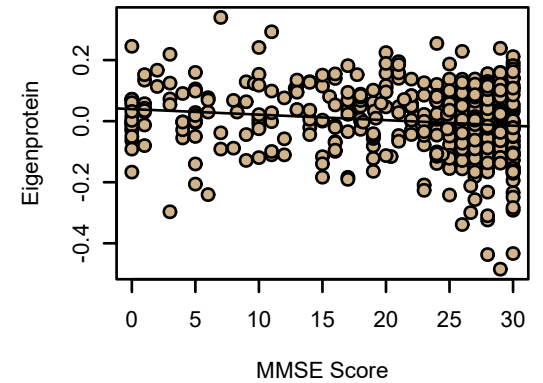


MEtan.Brain (Synthetic)
ANOVA p: 0.0042

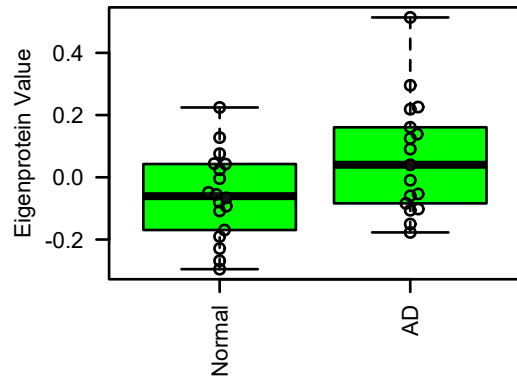


Diagnosis.Sex

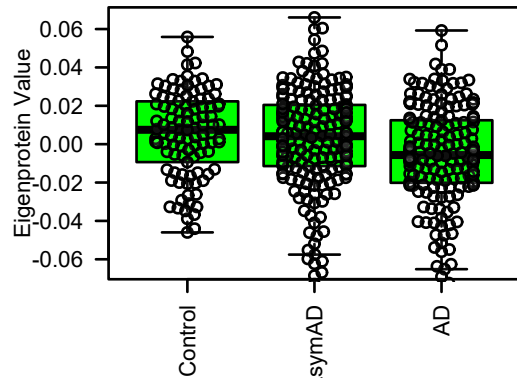
bicor=-0.14, p=0.0025
cor=-0.14, p=0.0019



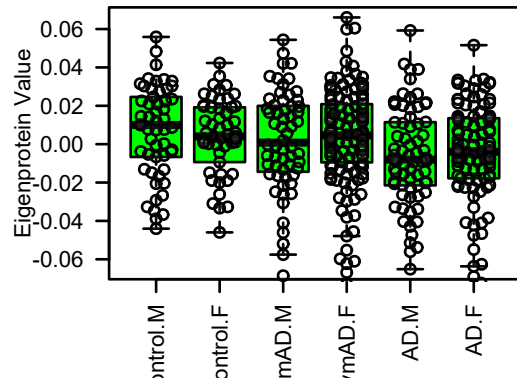
M5 green.Plasma35
ECM/IGF-PDGF Binding



MEgreen.Brain (Synthetic)
ANOVA p: 0.00092

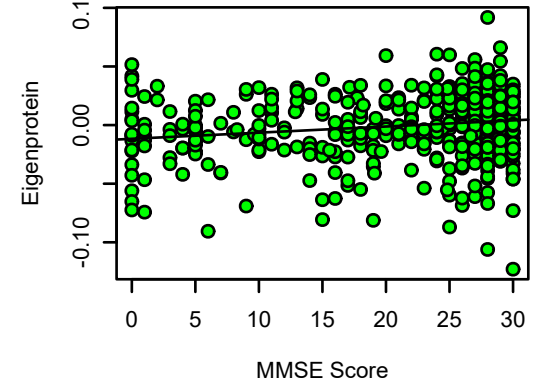


MEgreen.Brain (Synthetic)
ANOVA p: 0.0075

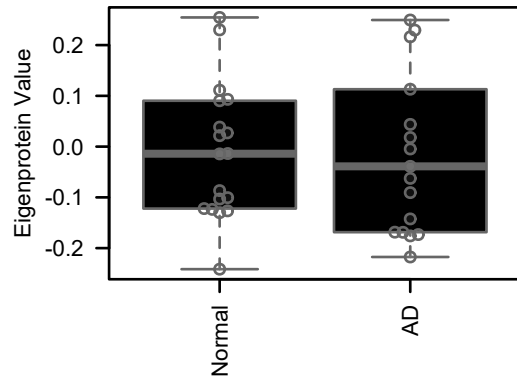


Diagnosis.Sex

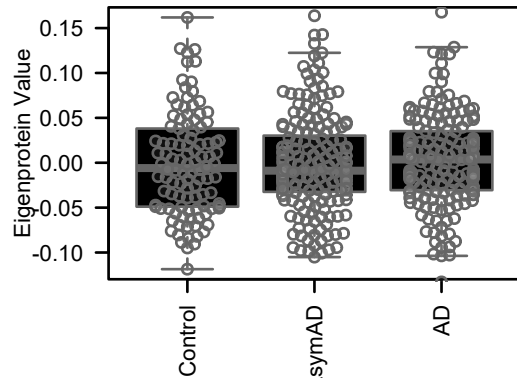
bicor=0.14, p=0.002
cor=0.17, p=0.00016



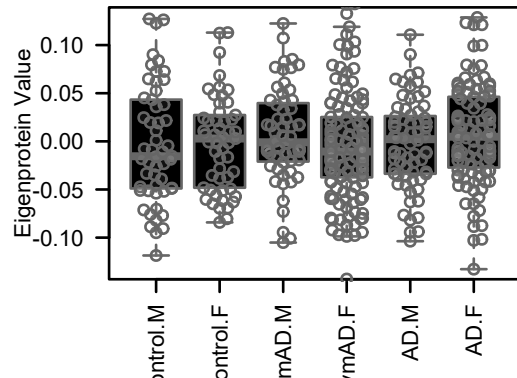
M7 black.Plasma35
TNF/Ephrin Signaling



MEblack.Brain (Synthetic)
ANOVA p: 0.72

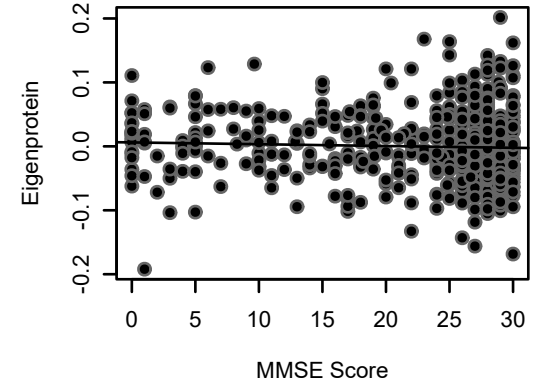


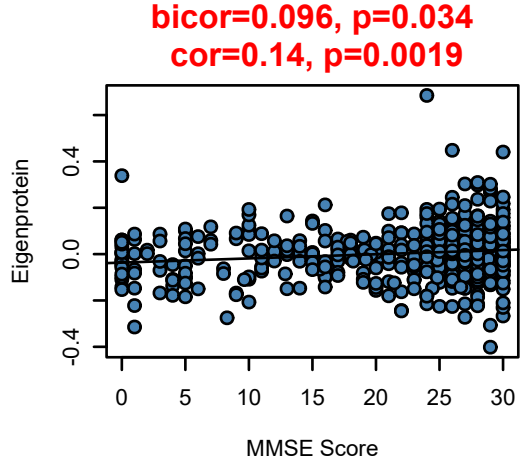
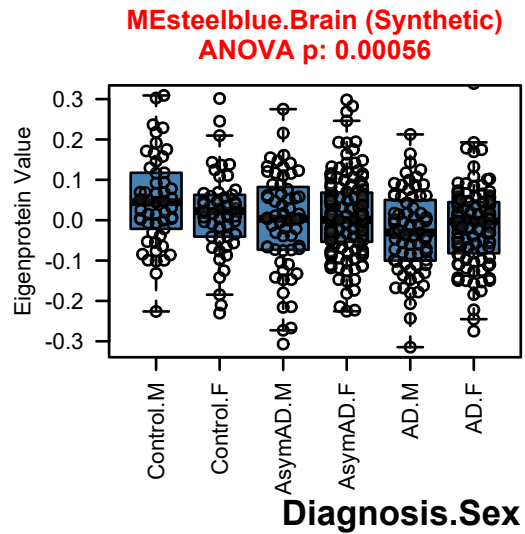
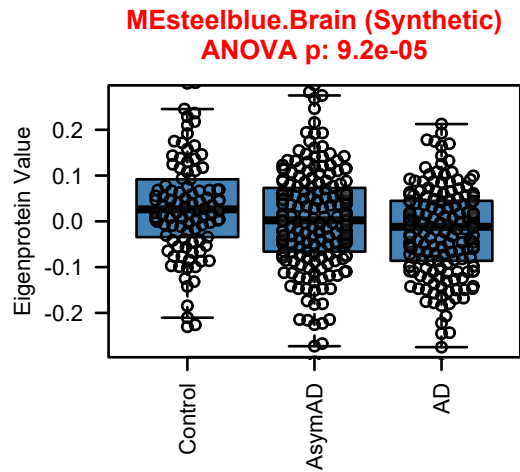
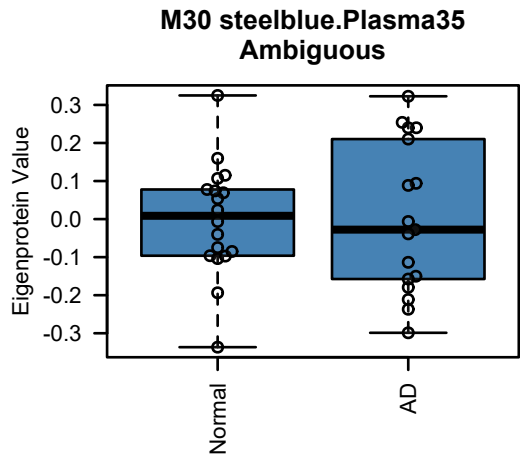
MEblack.Brain (Synthetic)
ANOVA p: 0.73



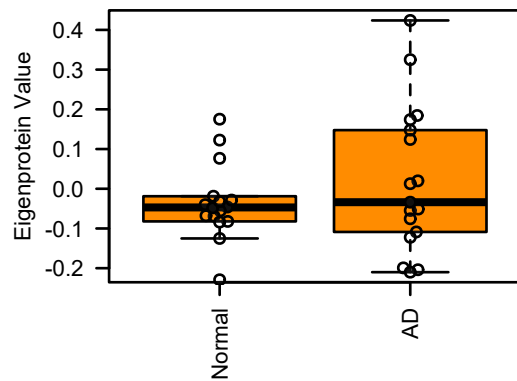
Diagnosis.Sex

bicor=-0.046, p=0.31
cor=-0.045, p=0.32

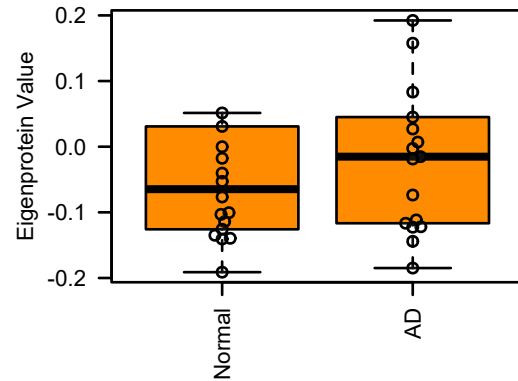




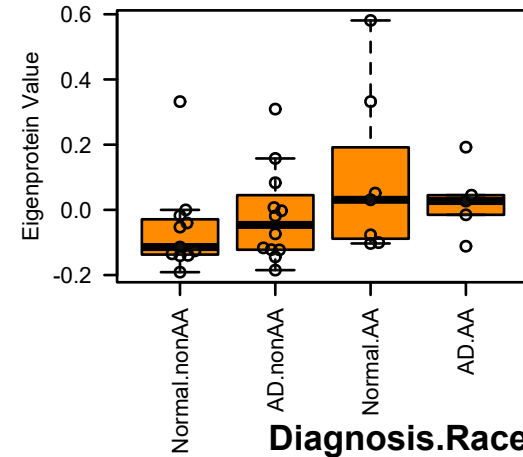
M26 darkorange.Plasma35
Bicarbonate Transport/Peroxidase



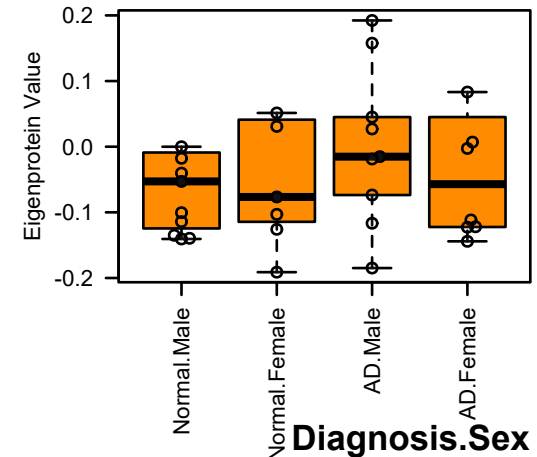
MEdarkorange.CSF 35 Samp. (Synthetic)
ANOVA p: 0.86



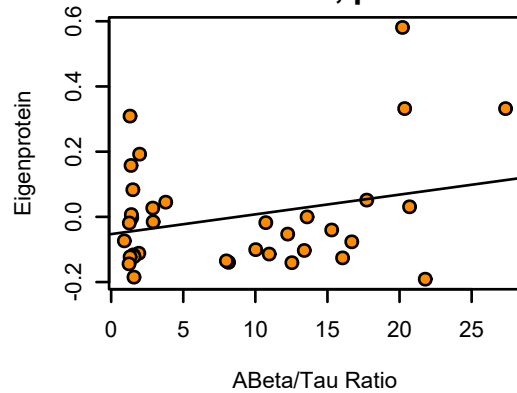
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.27



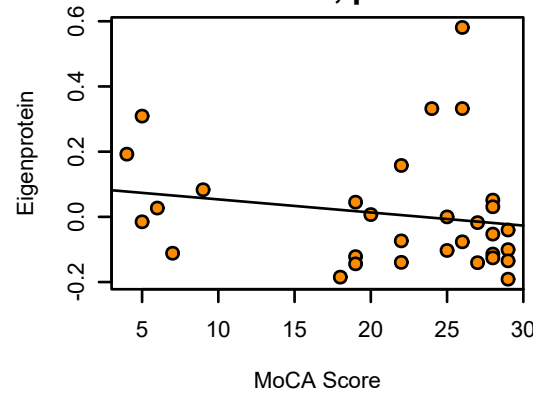
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.98



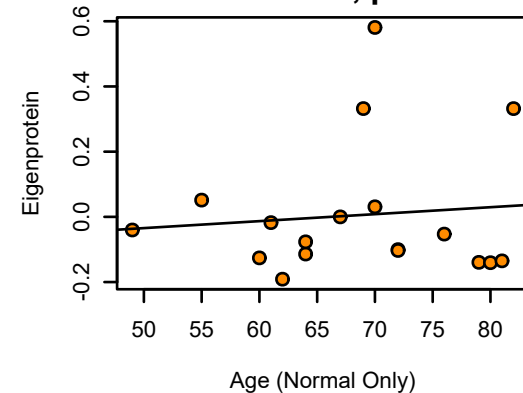
bicor=0.078, p=0.66
cor=0.28, p=0.1



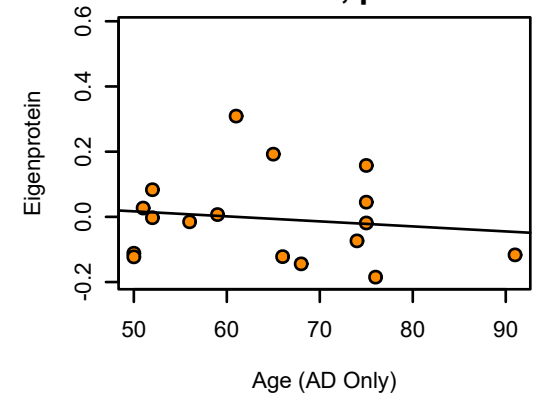
bicor=-0.21, p=0.26
cor=-0.19, p=0.31



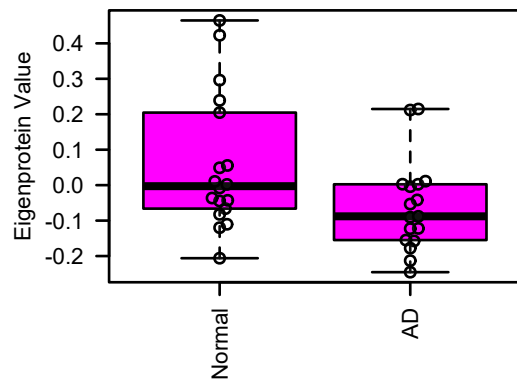
bicor=-0.13, p=0.61
cor=0.096, p=0.7



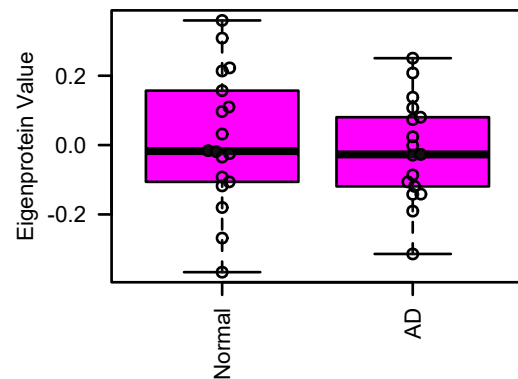
bicor=-0.14, p=0.59
cor=-0.14, p=0.59



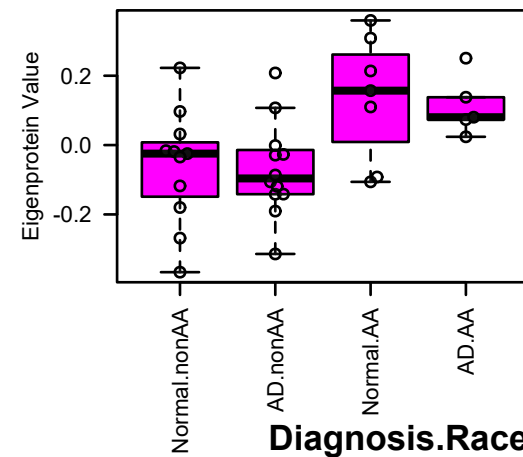
M9 magenta.Plasma35
Leukocyte Chemotaxis



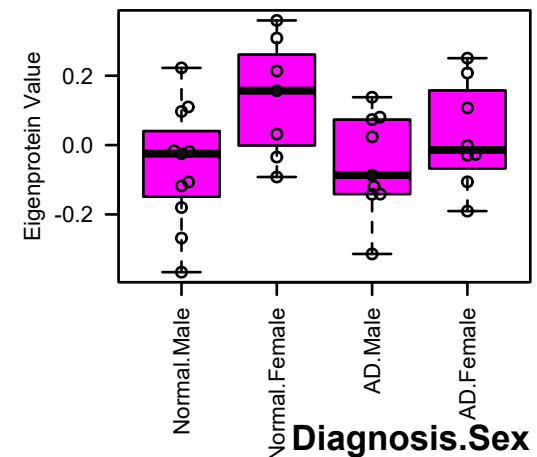
MEmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.59



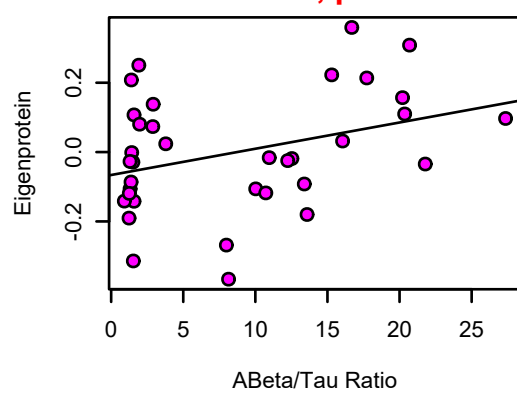
MEmagenta.CSF (Synthetic)
ANOVA p: 0.012



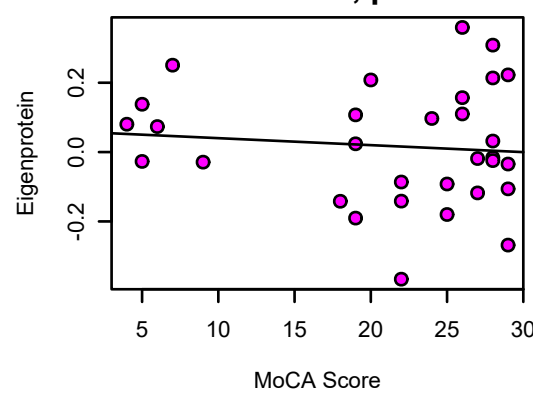
MEmagenta.CSF (Synthetic)
ANOVA p: 0.071



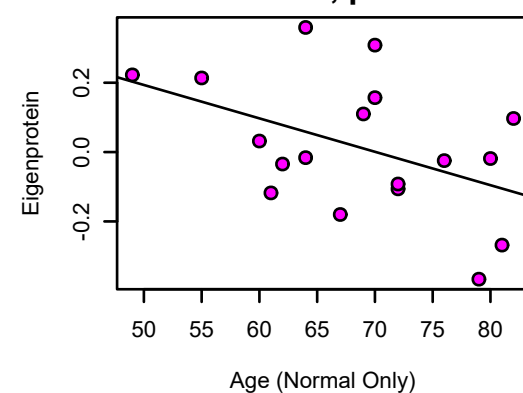
bicor=0.35, p=0.042
cor=0.35, p=0.039



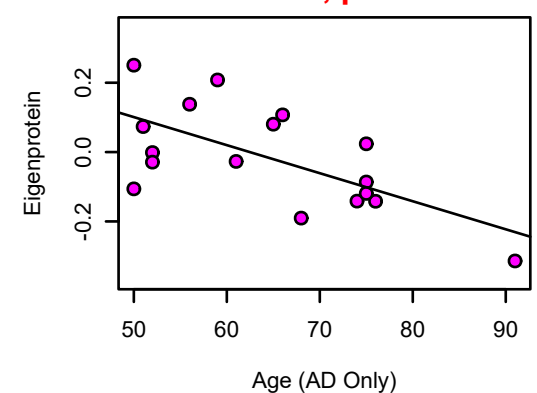
bicor=0.0016, p=0.99
cor=-0.099, p=0.6



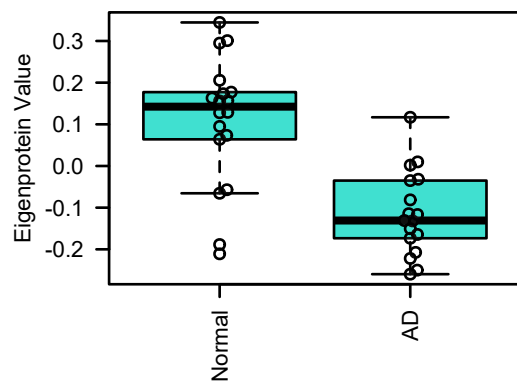
bicor=-0.46, p=0.056
cor=-0.46, p=0.055



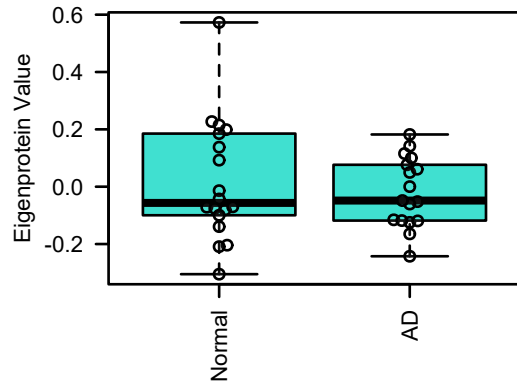
bicor=-0.63, p=0.0063
cor=-0.65, p=0.0047



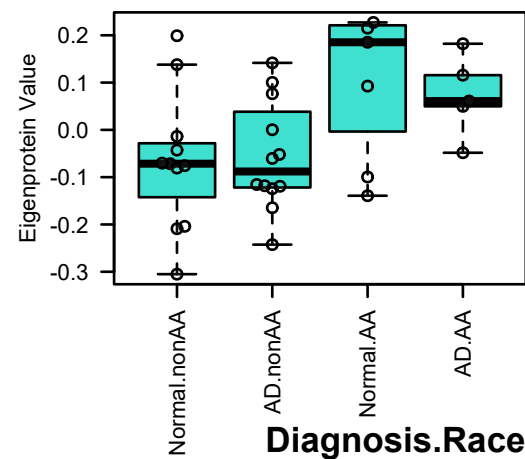
M1 turquoise.Plasma35
Cellular Metabolism/Intracellular Transpor



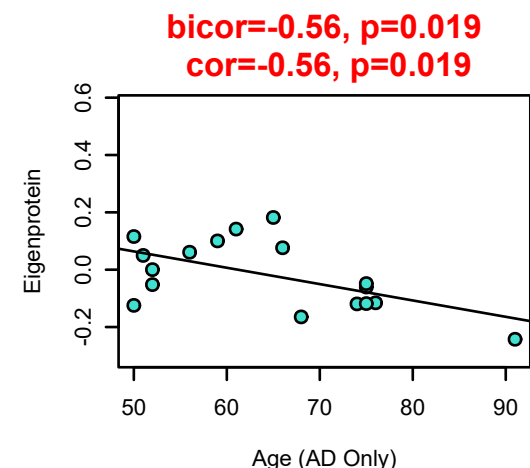
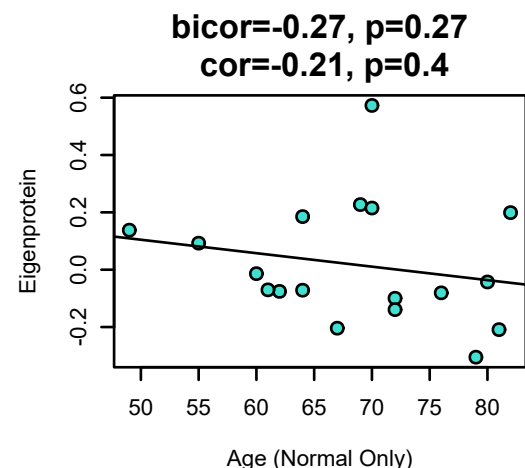
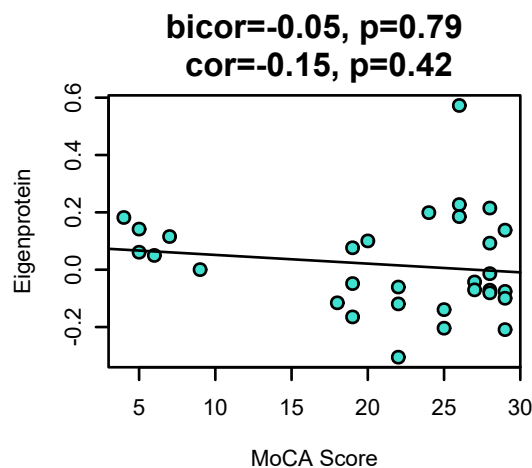
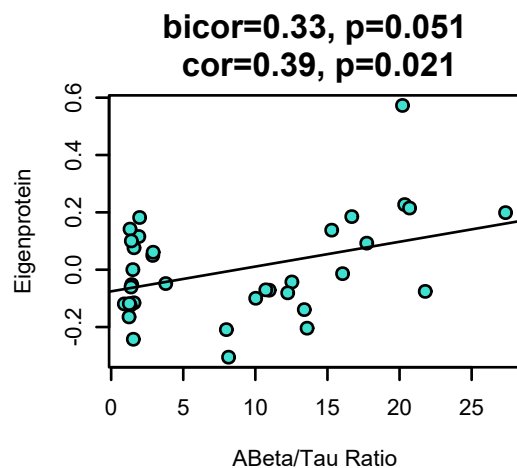
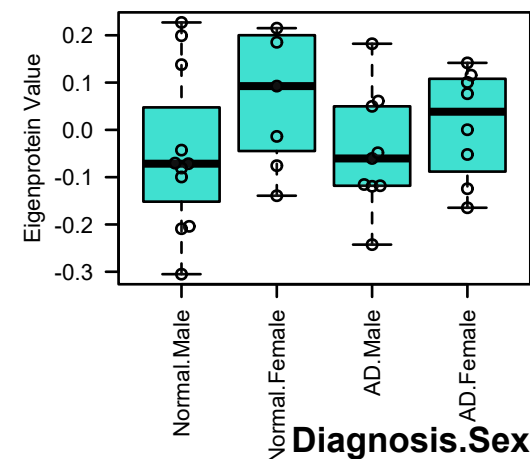
MEturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.54



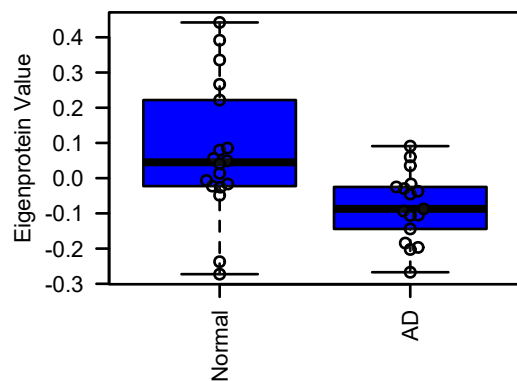
MEturquoise.CSF (Synthetic)
ANOVA p: 0.019



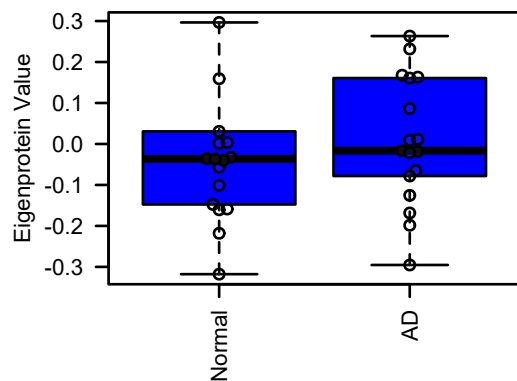
MEturquoise.CSF (Synthetic)
ANOVA p: 0.18



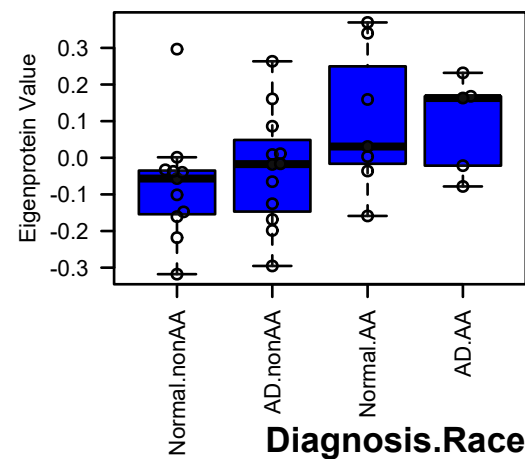
M2 blue.Plasma35
Ambiguous



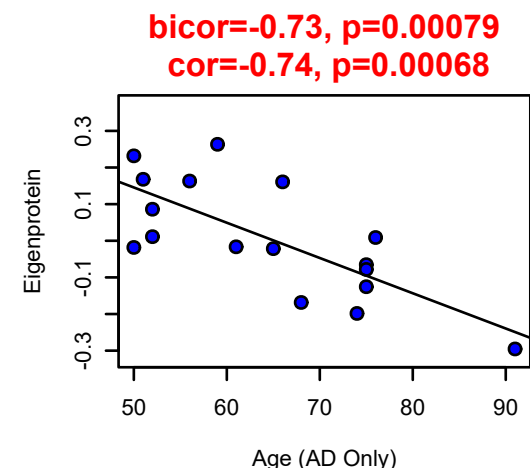
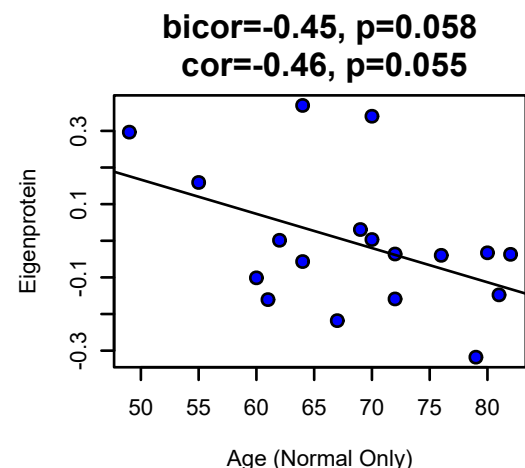
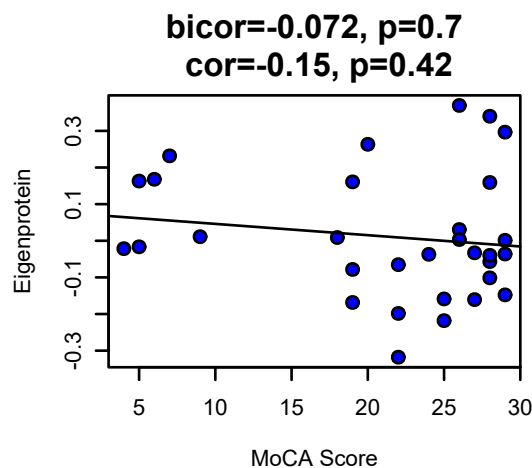
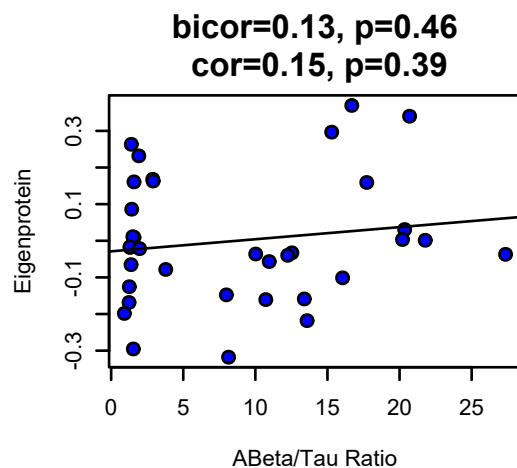
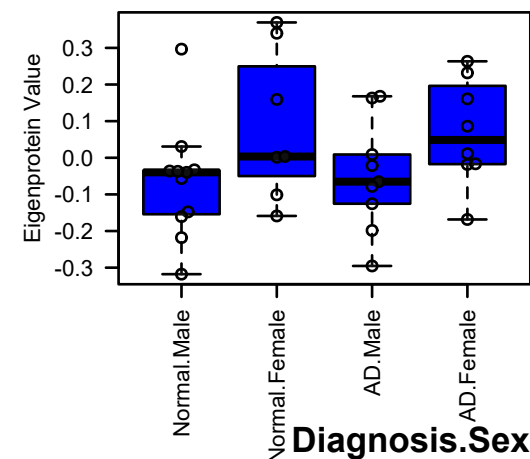
MEblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.84

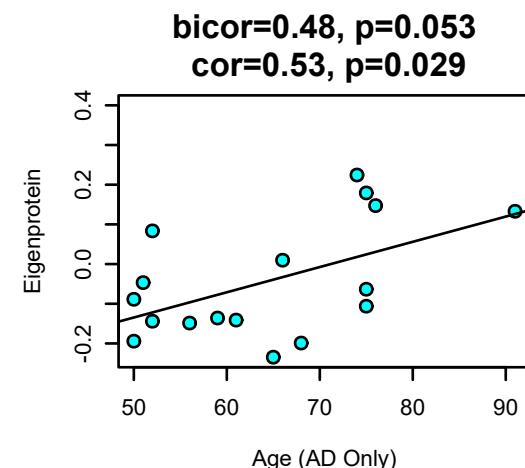
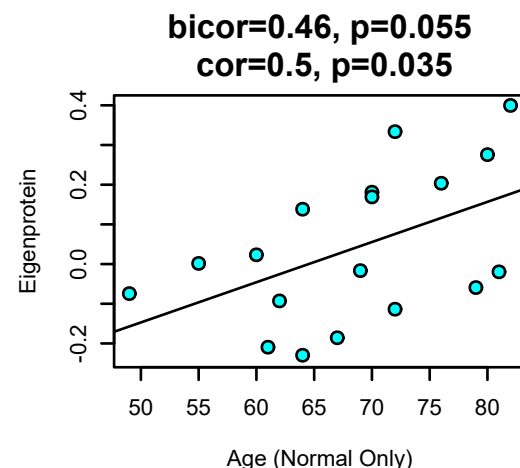
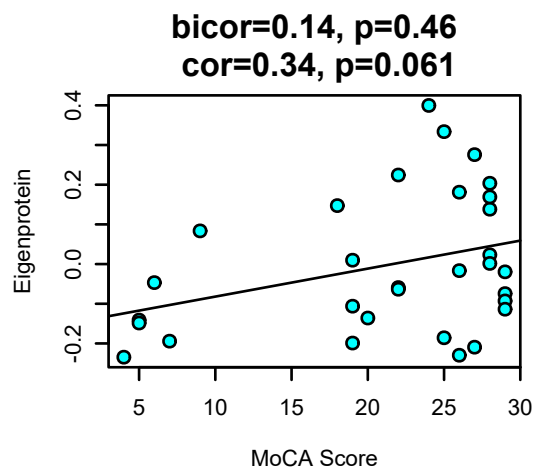
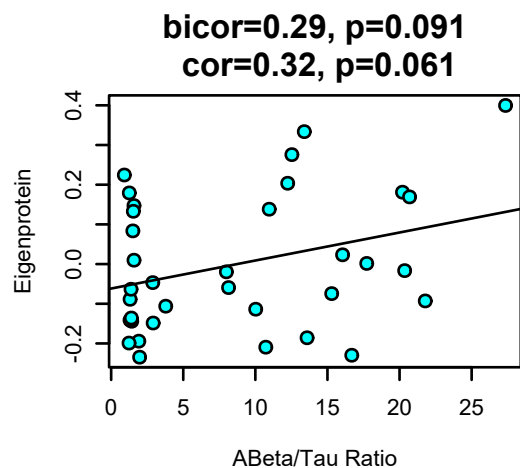
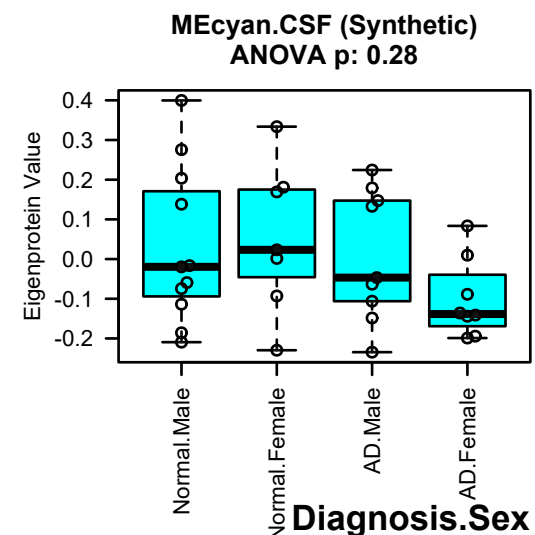
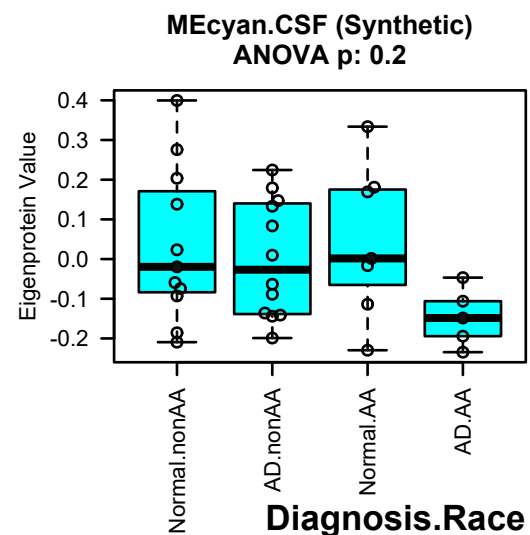
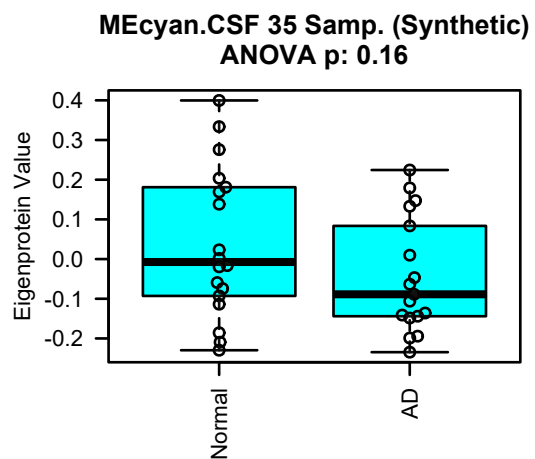
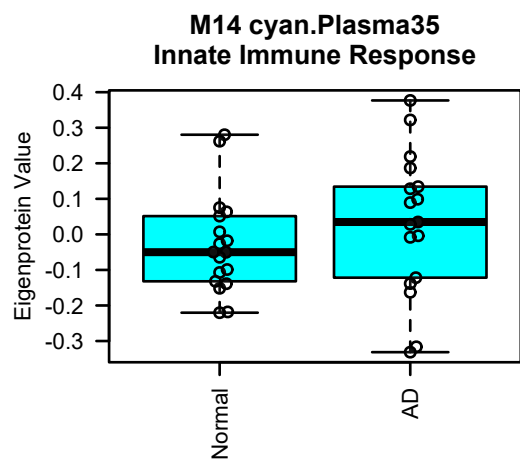
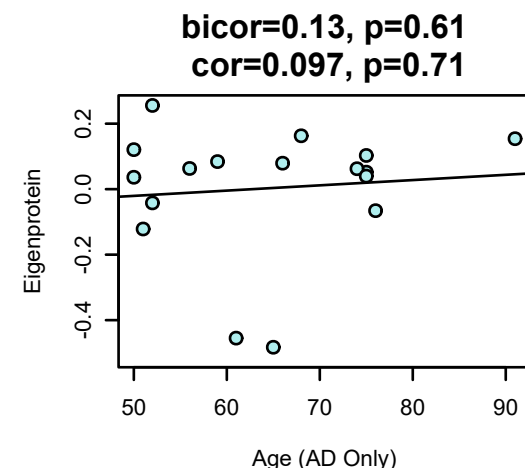
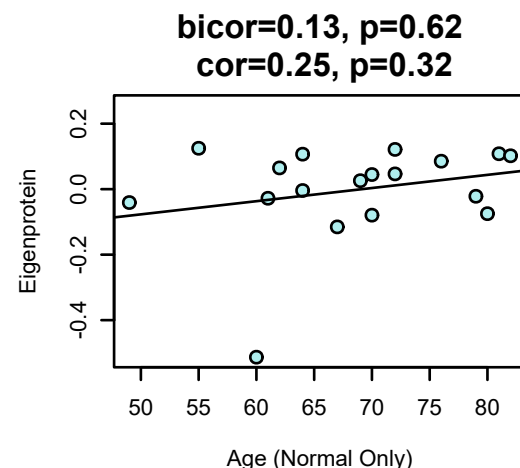
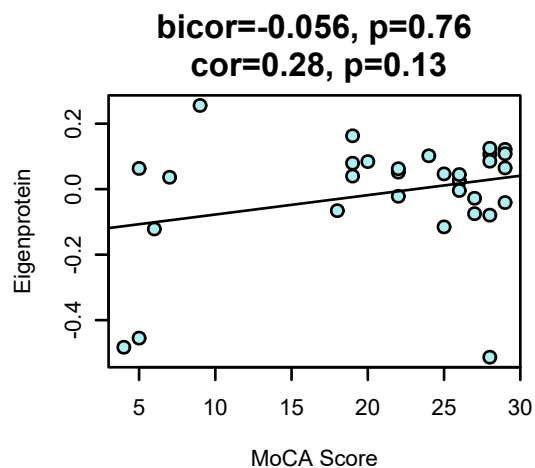
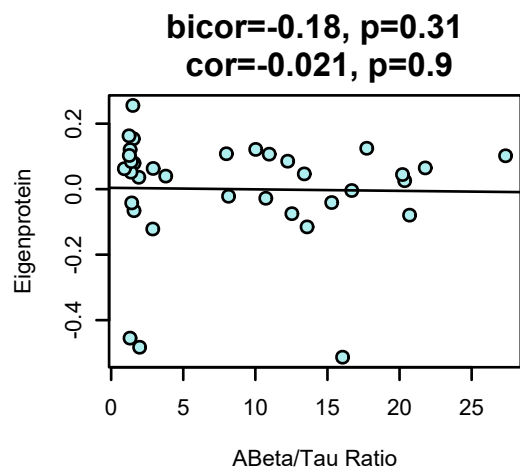
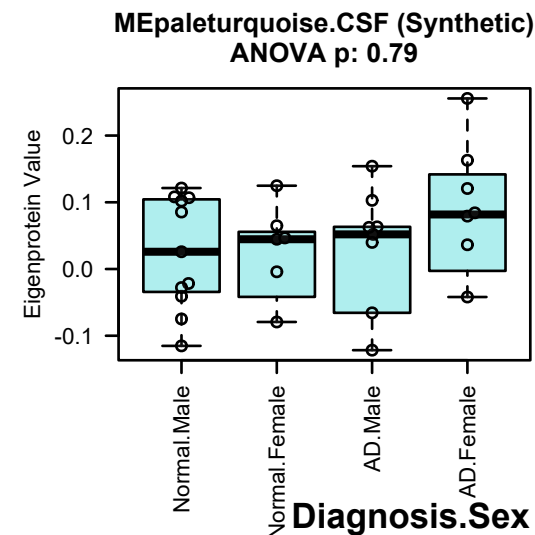
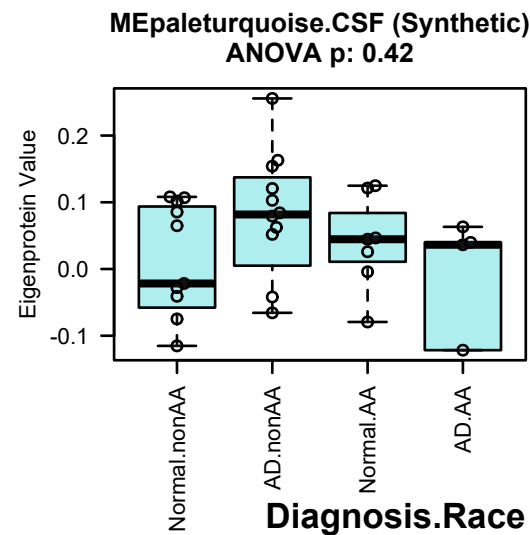
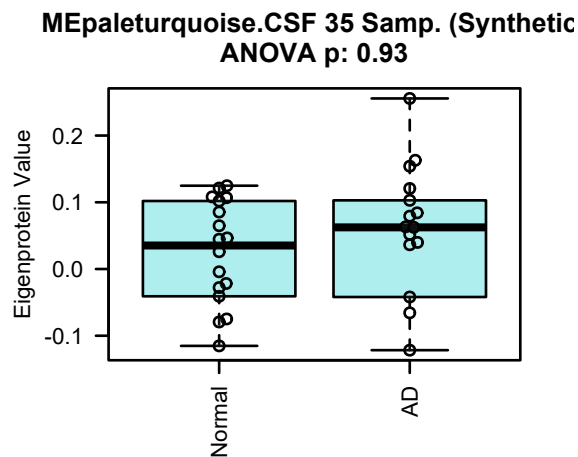
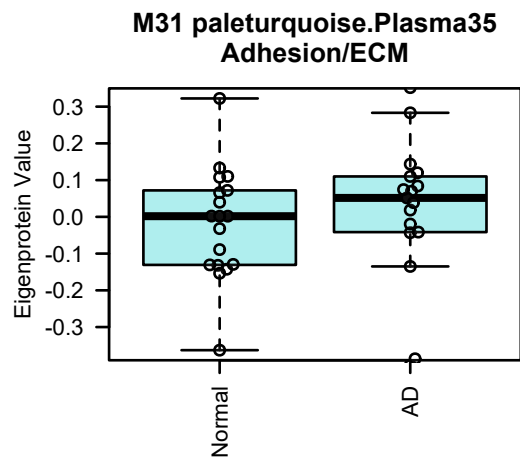


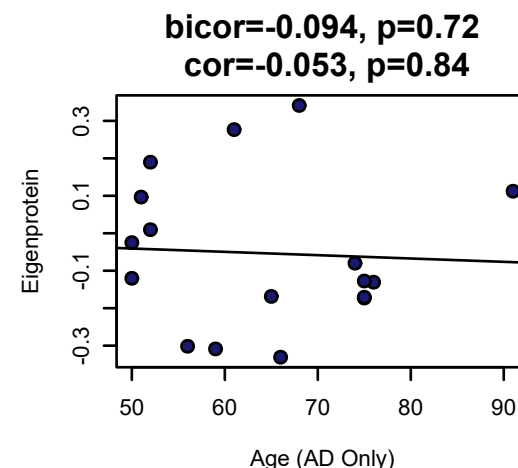
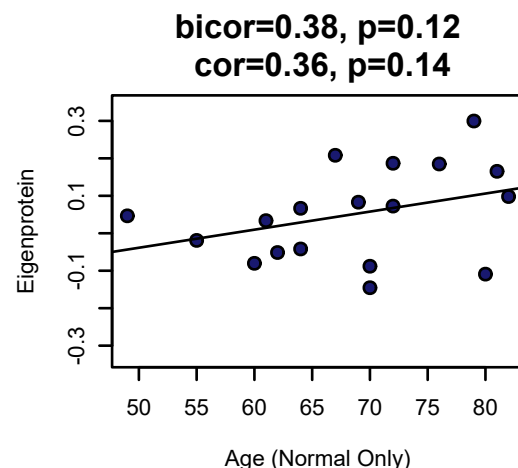
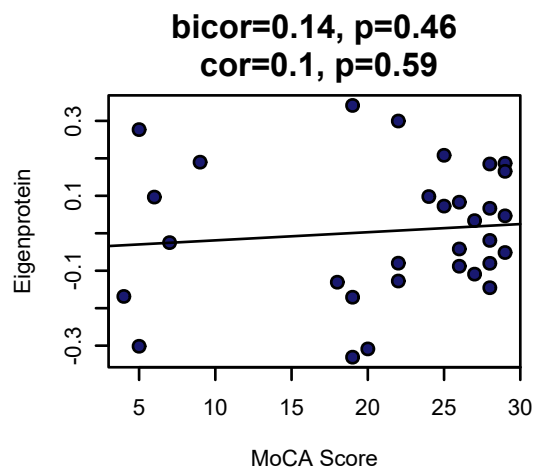
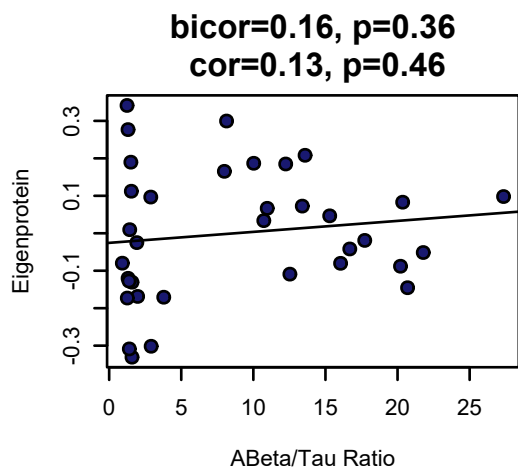
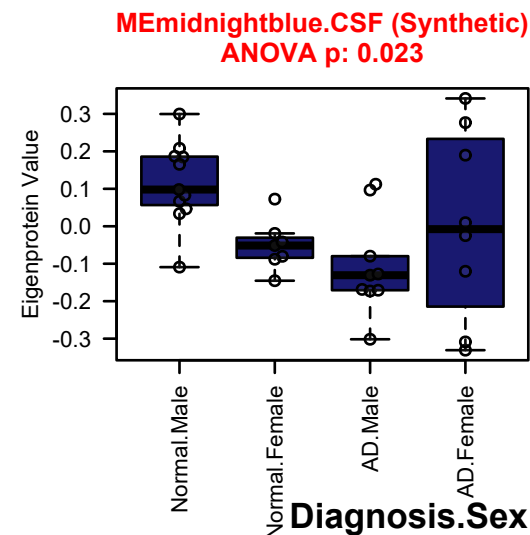
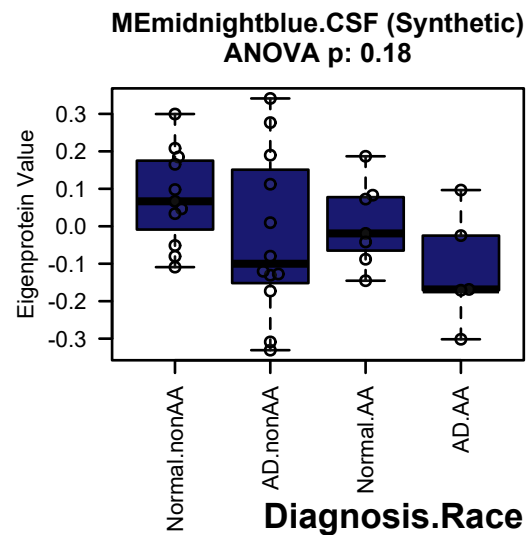
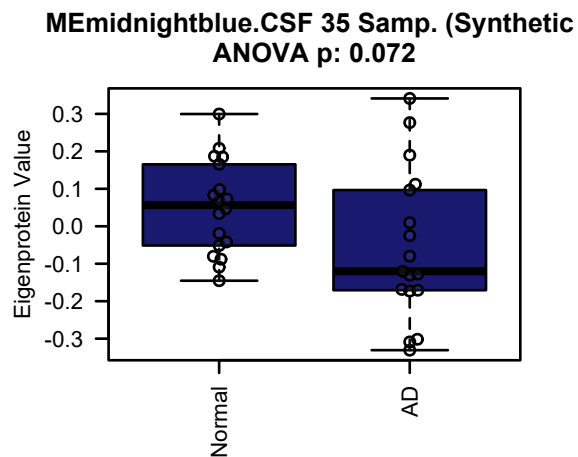
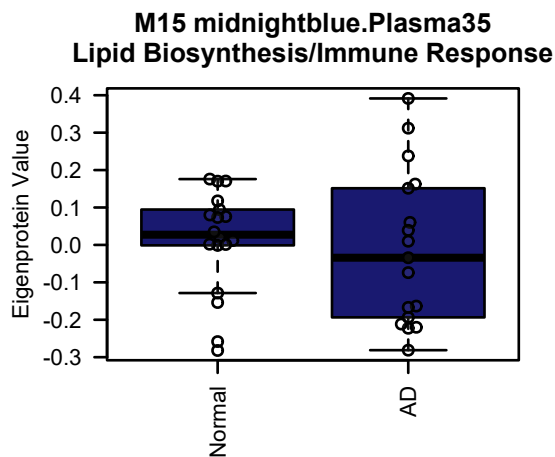
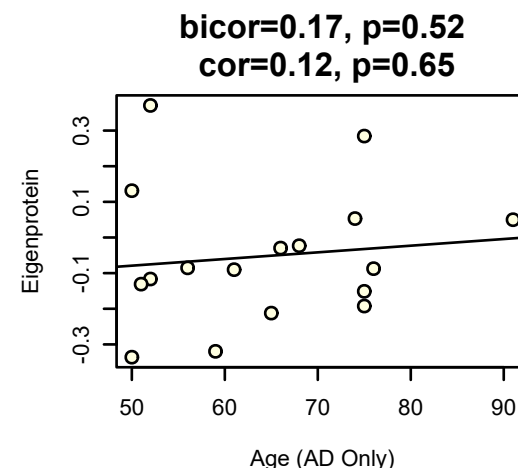
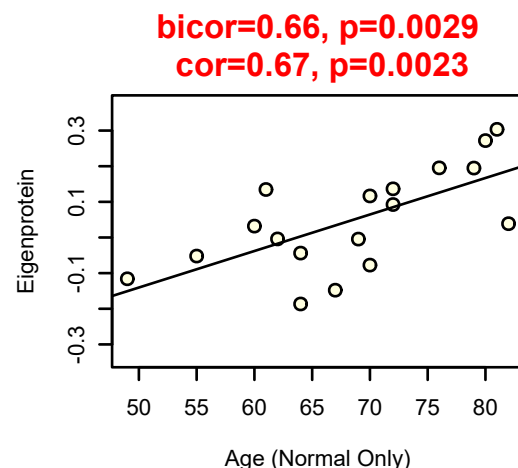
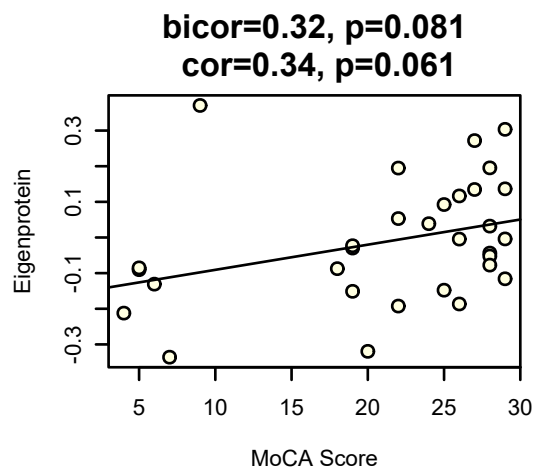
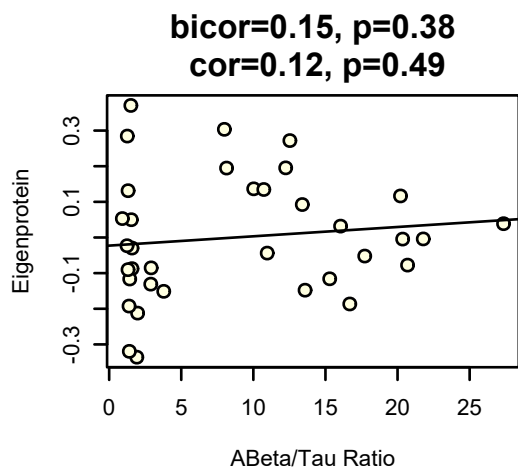
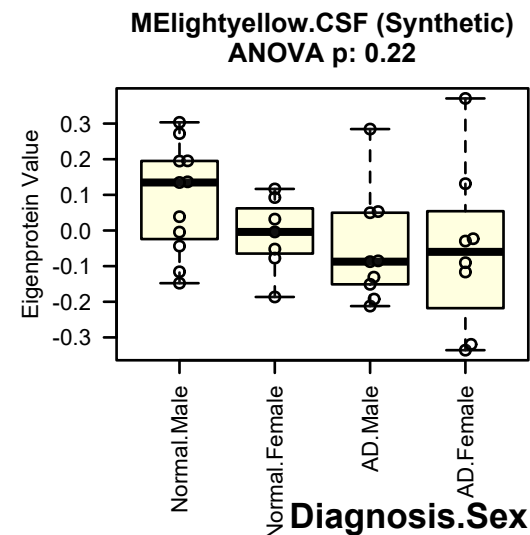
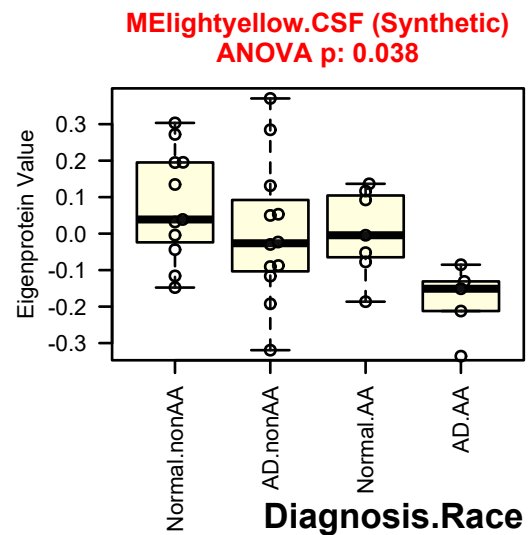
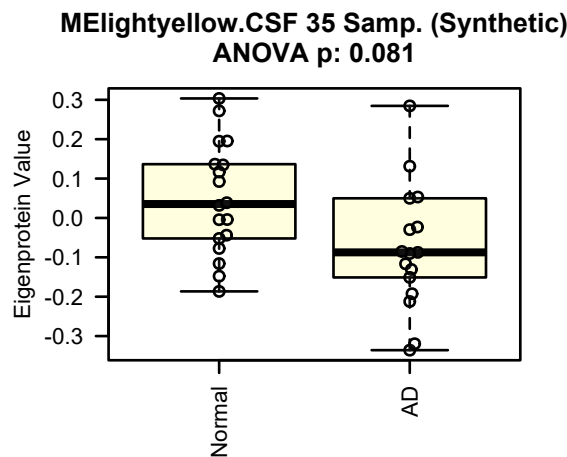
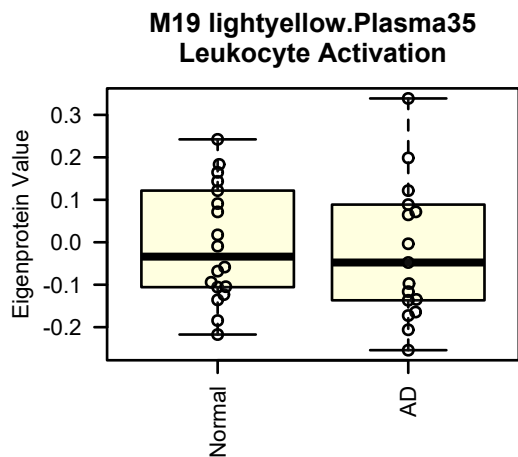
MEblue.CSF (Synthetic)
ANOVA p: 0.092



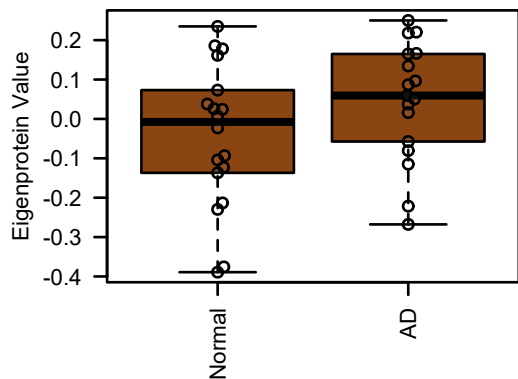
MEblue.CSF (Synthetic)
ANOVA p: 0.14



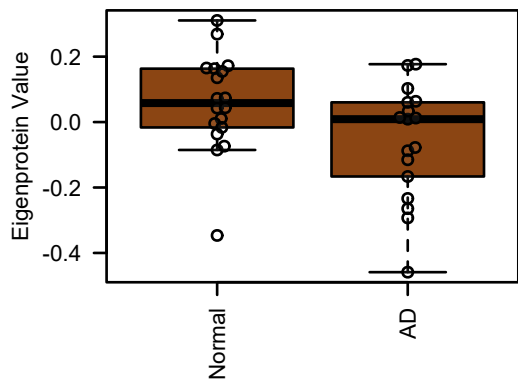




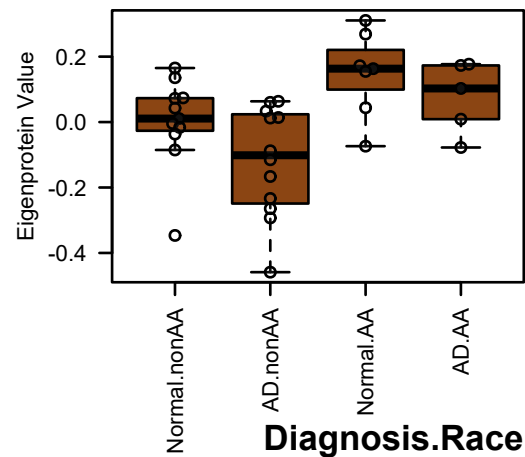
M29 saddlebrown.Plasma35
IGF-Growth/GAG Binding



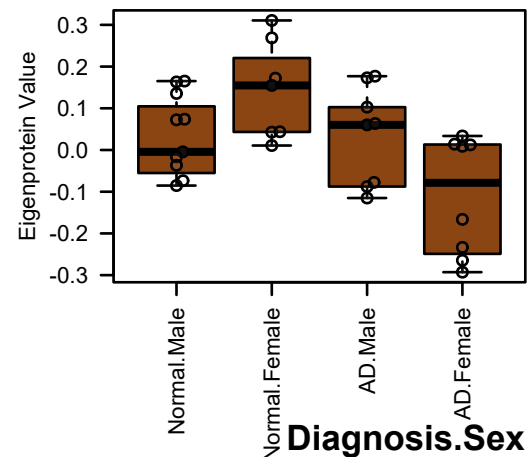
MEsaddlebrown.CSF 35 Samp. (Synthetic)
ANOVA p: 0.036



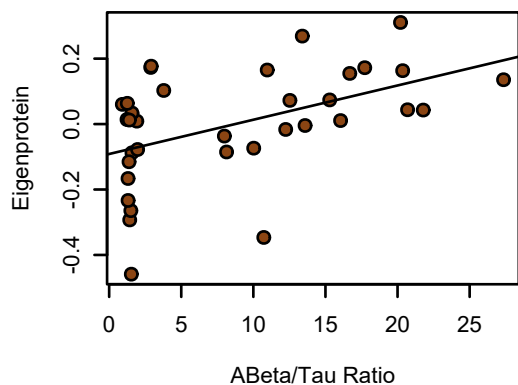
MEsaddlebrown.CSF (Synthetic)
ANOVA p: 0.0031



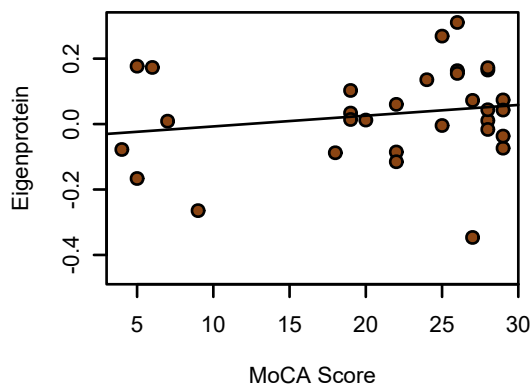
MEsaddlebrown.CSF (Synthetic)
ANOVA p: 0.031



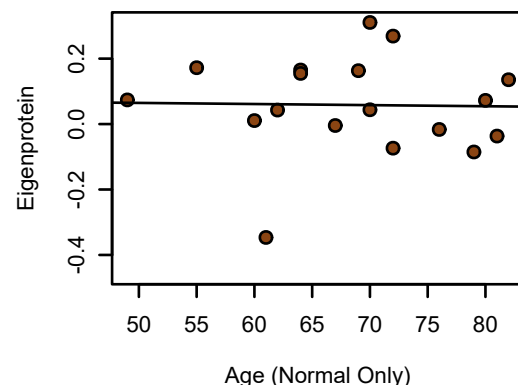
bicor=0.5, p=0.0023
cor=0.48, p=0.0035



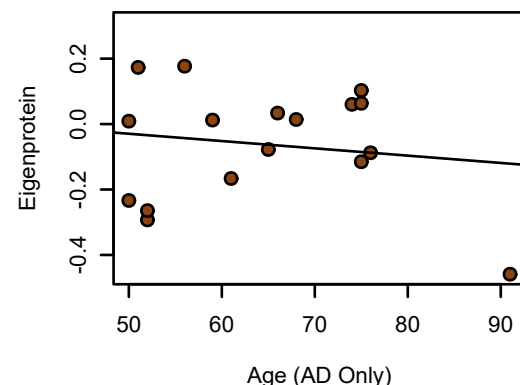
bicor=0.21, p=0.26
cor=0.19, p=0.31



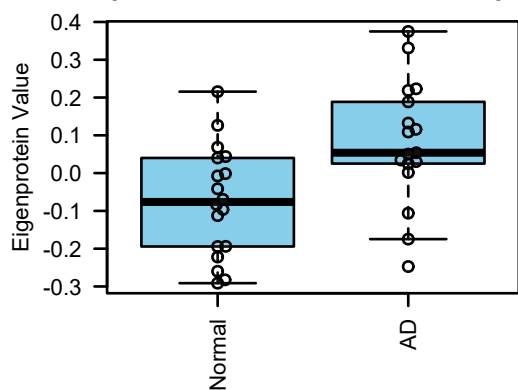
bicor=-0.09, p=0.72
cor=-0.021, p=0.93



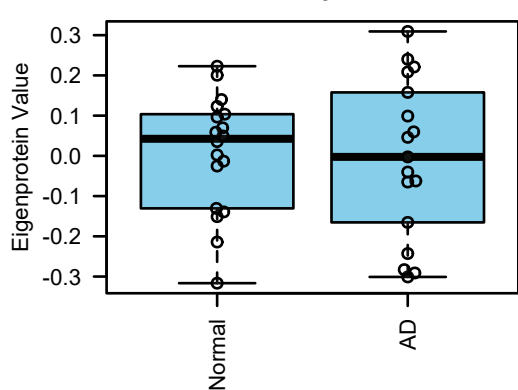
bicor=0.016, p=0.95
cor=-0.15, p=0.57



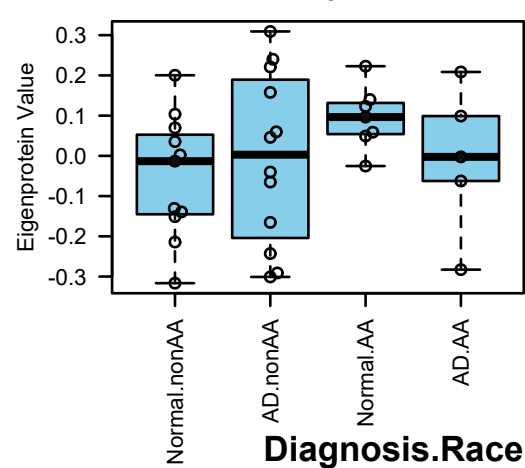
M28 skyblue.Plasma35
Complement/Humoral Immune Response



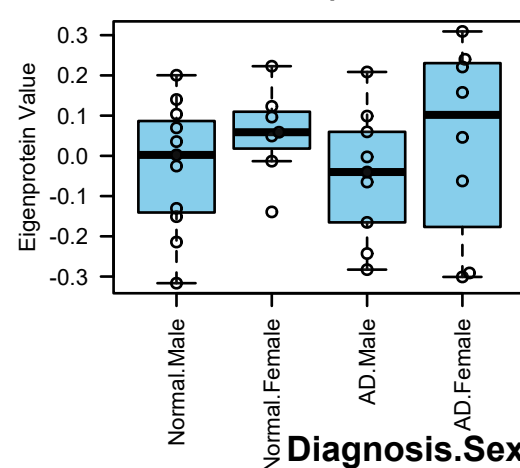
MEskyblue.CSF 35 Samp. (Synthetic)
ANOVA p: 0.83



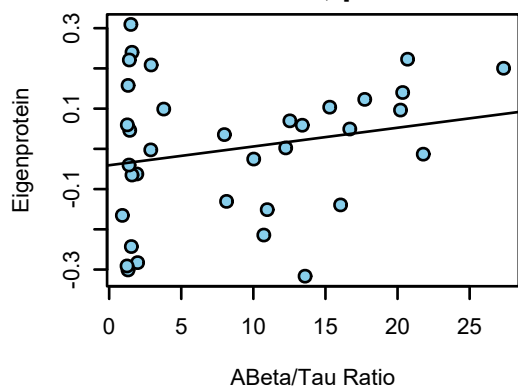
MEskyblue.CSF (Synthetic)
ANOVA p: 0.39



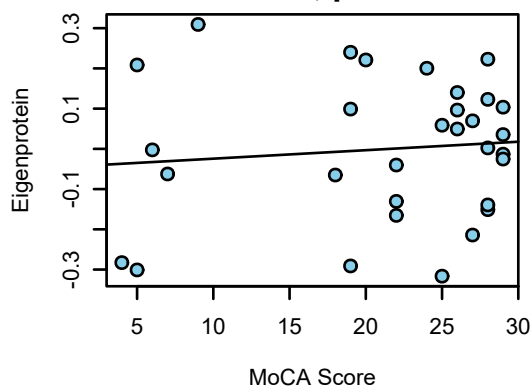
MEskyblue.CSF (Synthetic)
ANOVA p: 0.56



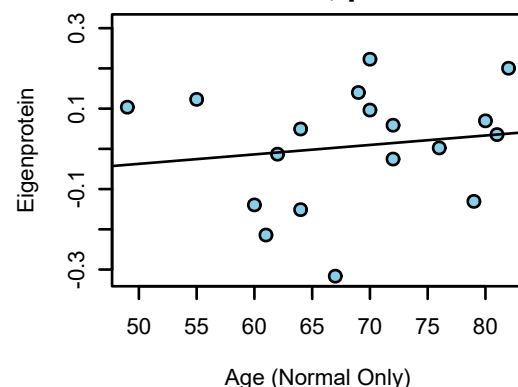
bicor=0.18, p=0.29
cor=0.21, p=0.23



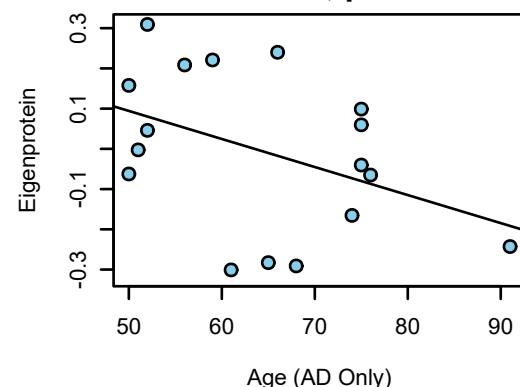
bicor=0.0056, p=0.98
cor=0.1, p=0.59

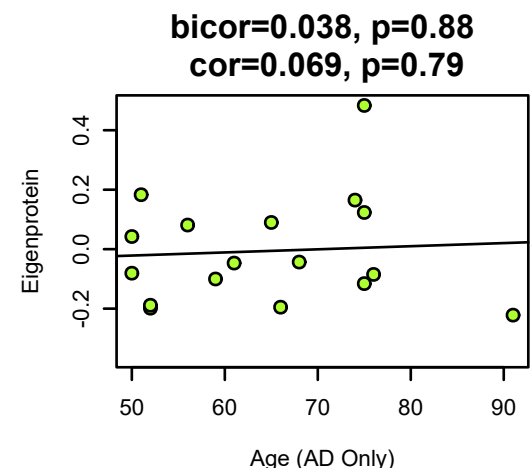
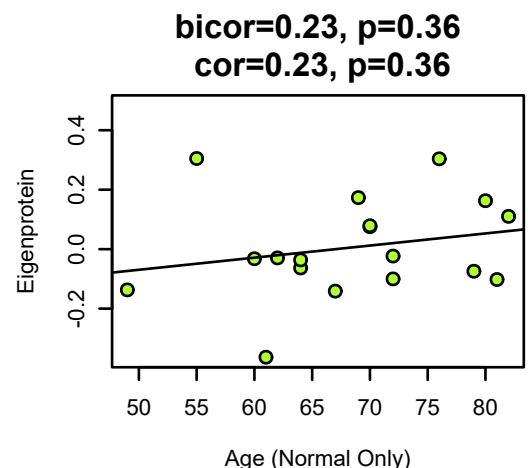
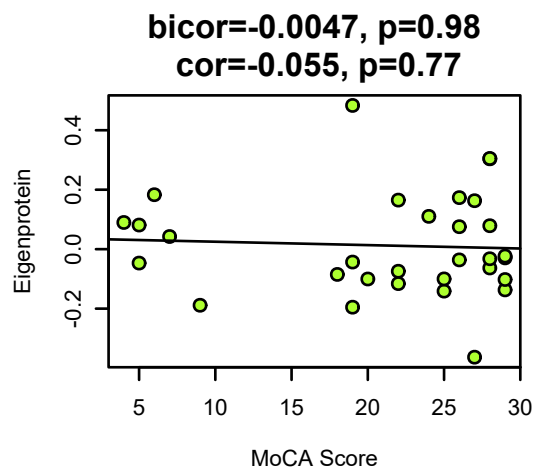
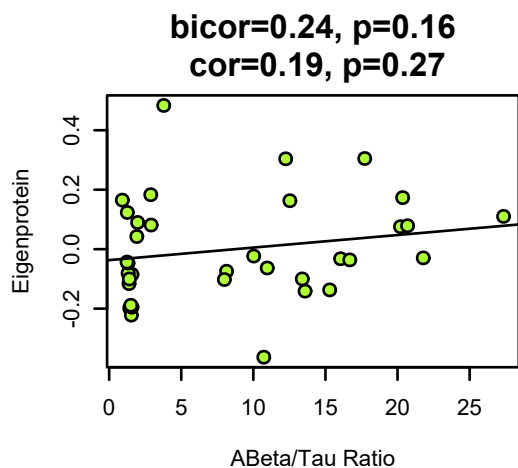
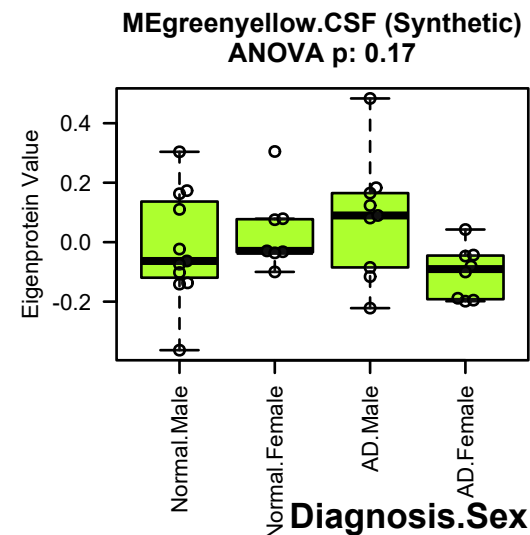
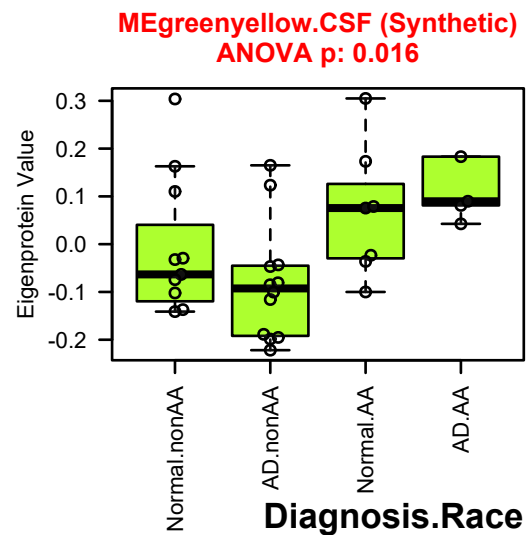
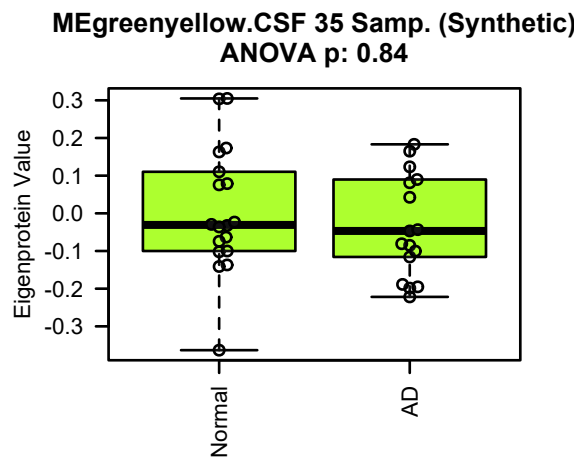
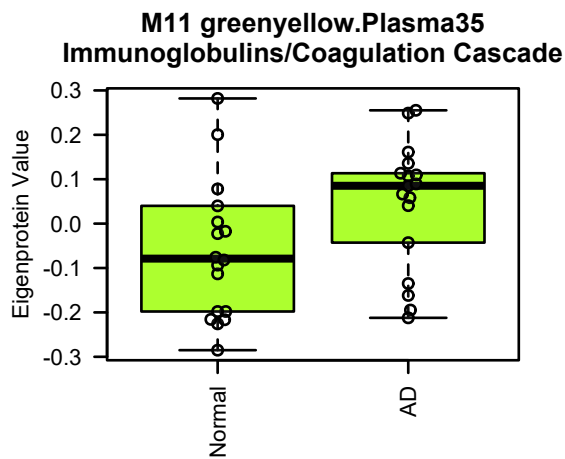
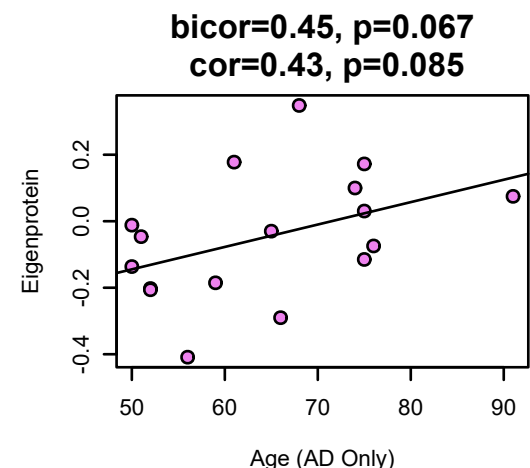
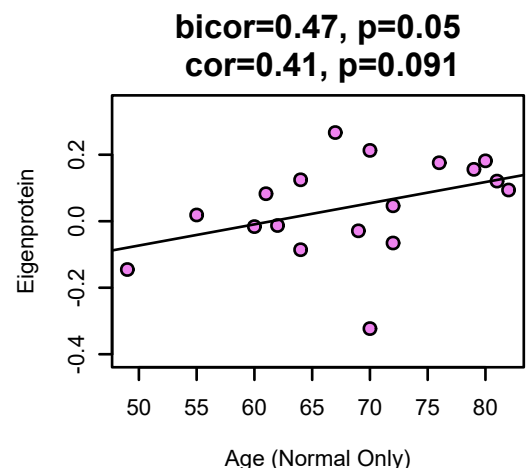
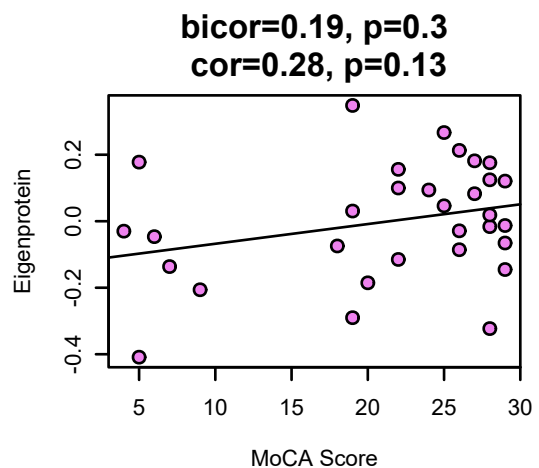
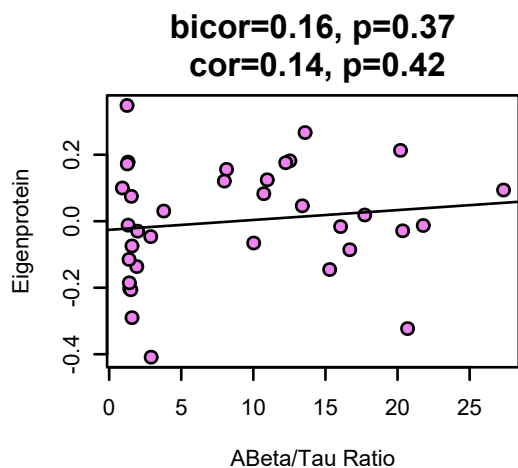
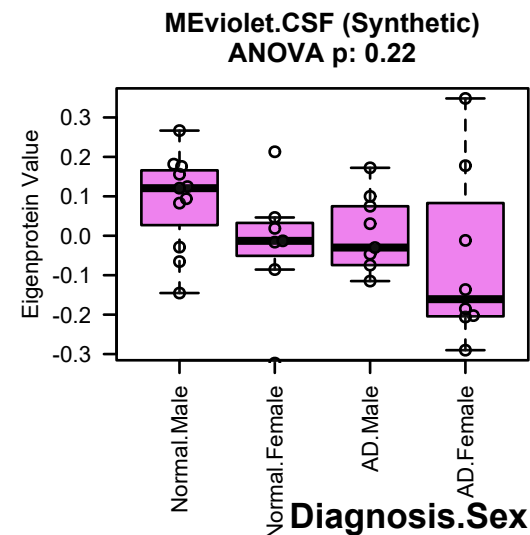
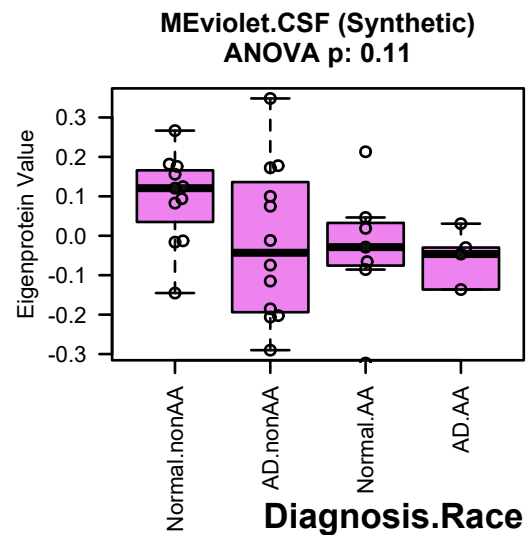
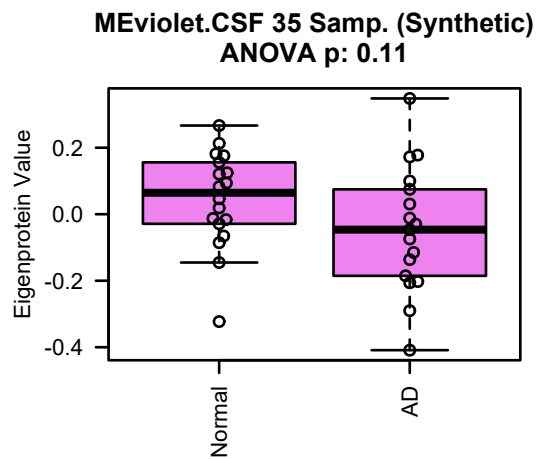
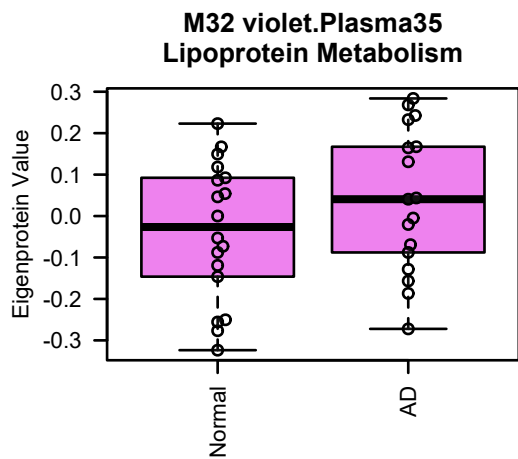


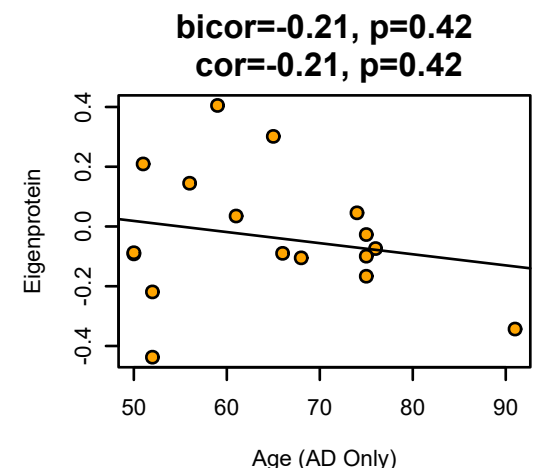
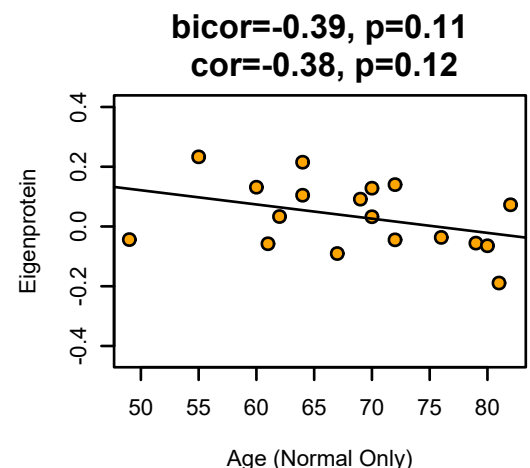
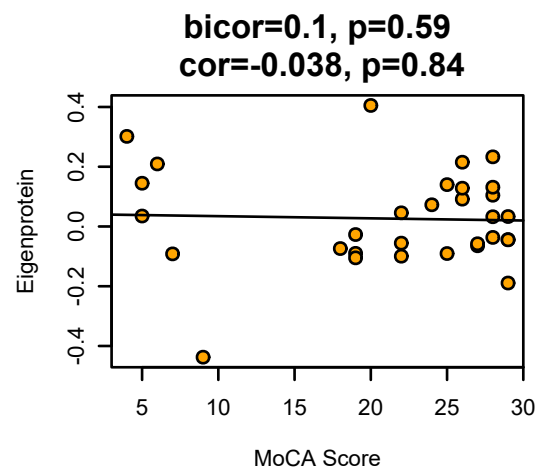
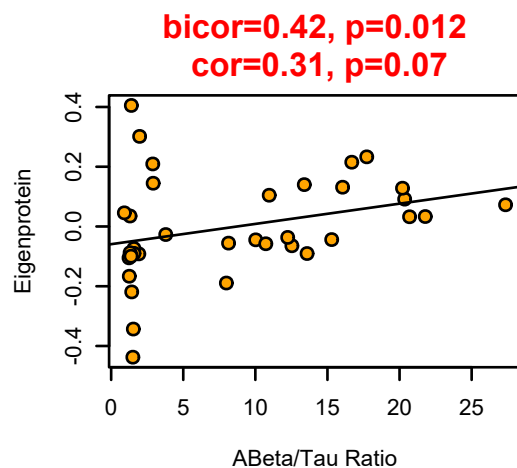
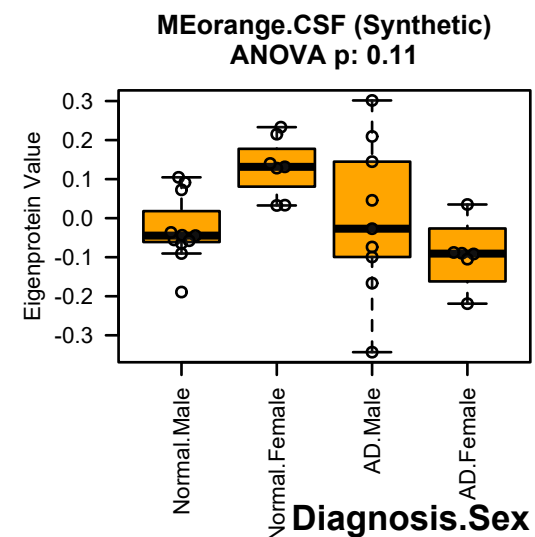
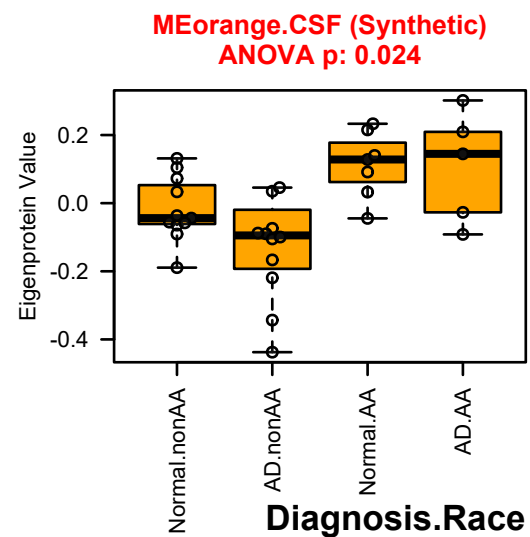
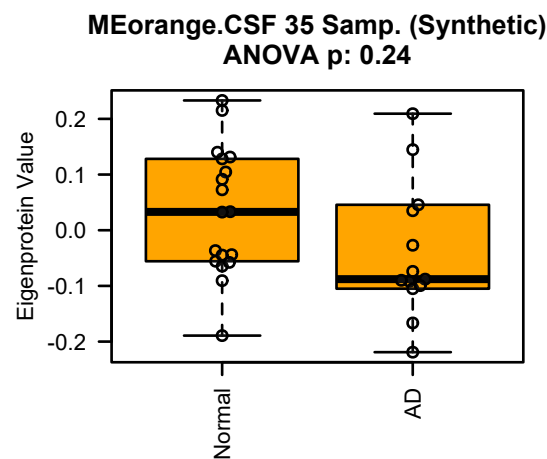
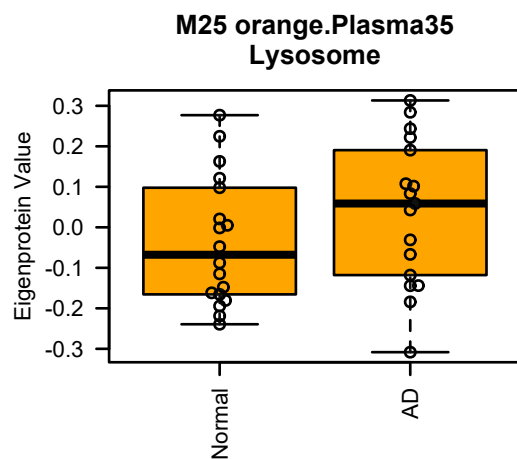
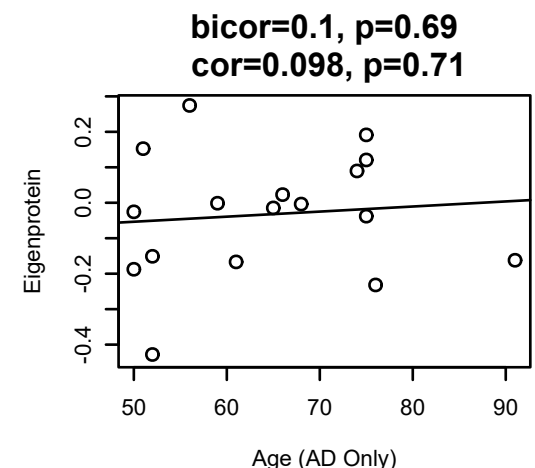
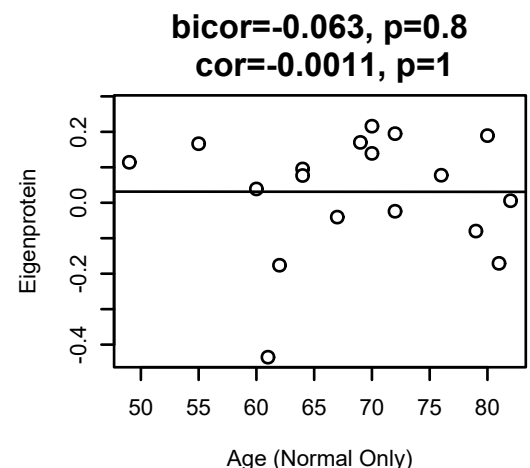
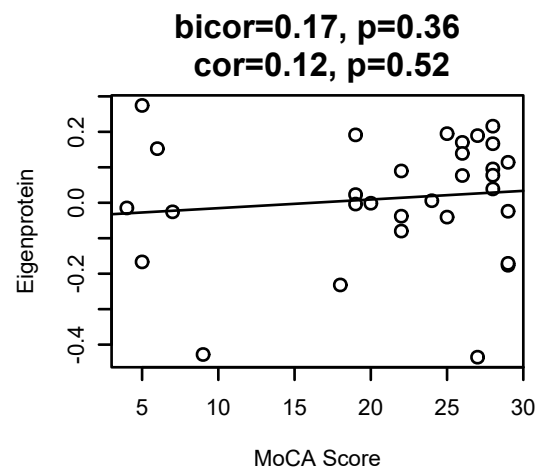
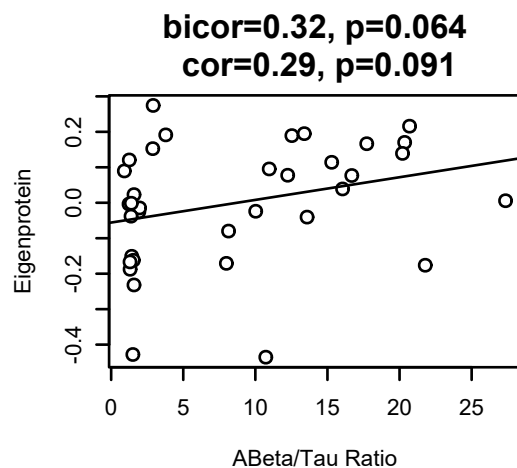
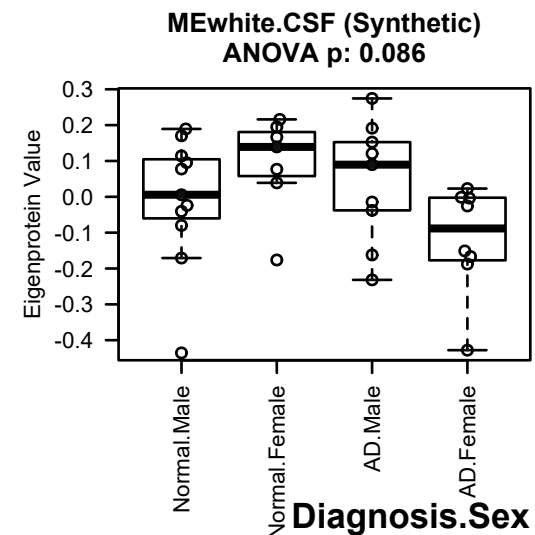
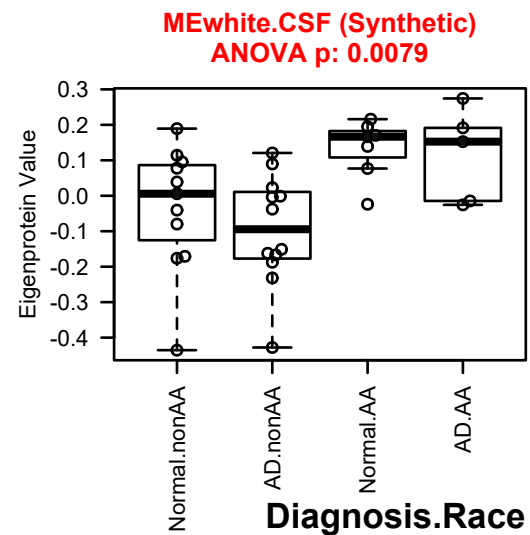
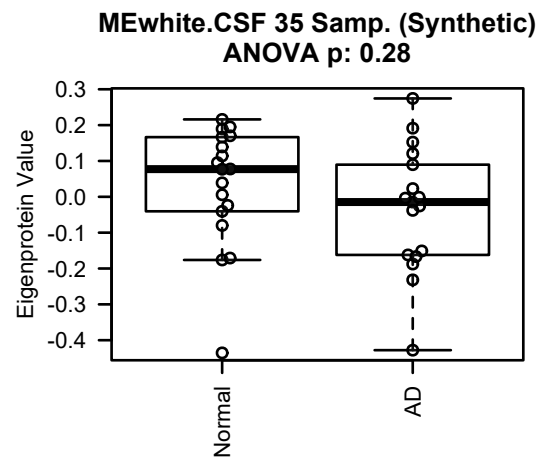
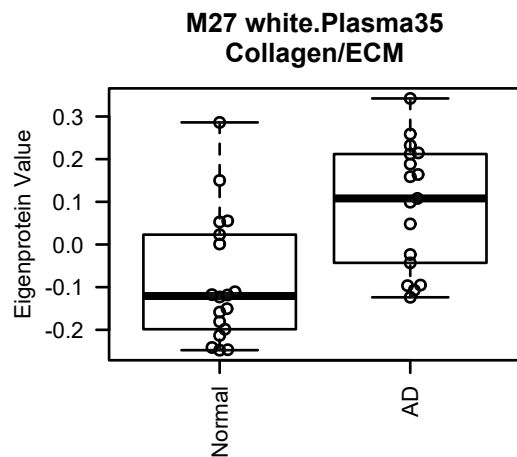
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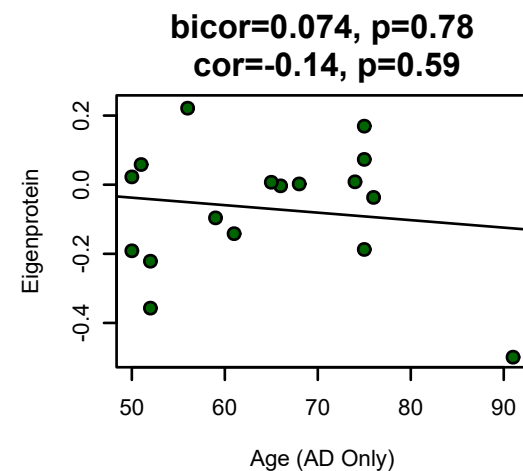
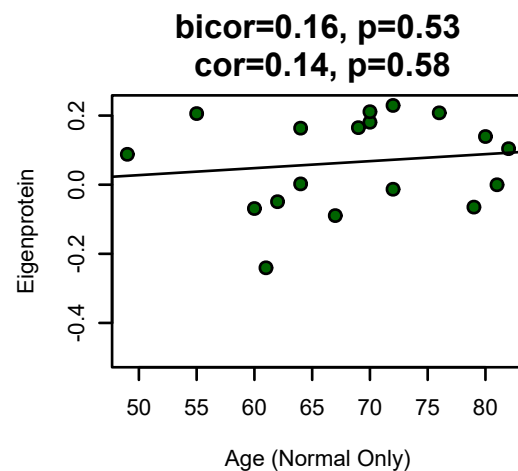
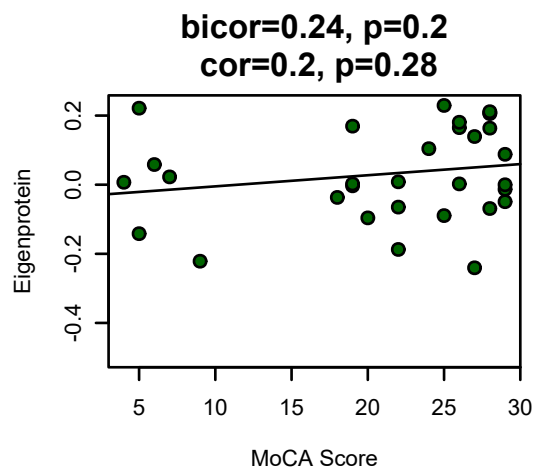
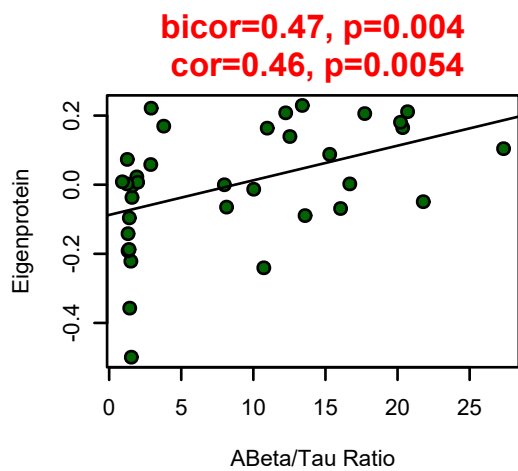
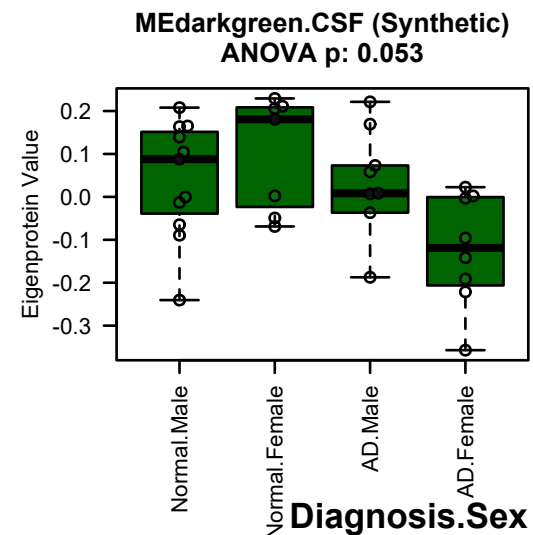
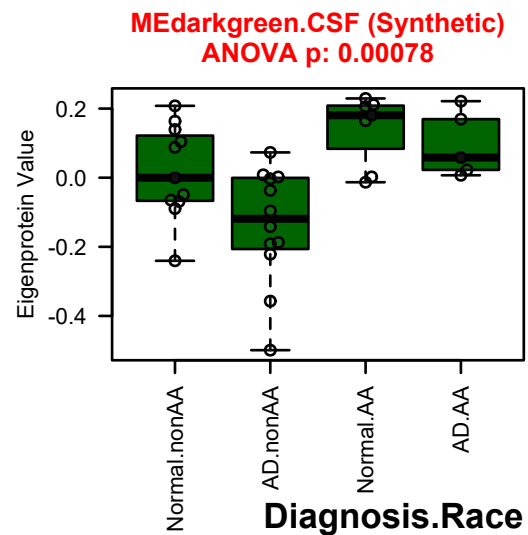
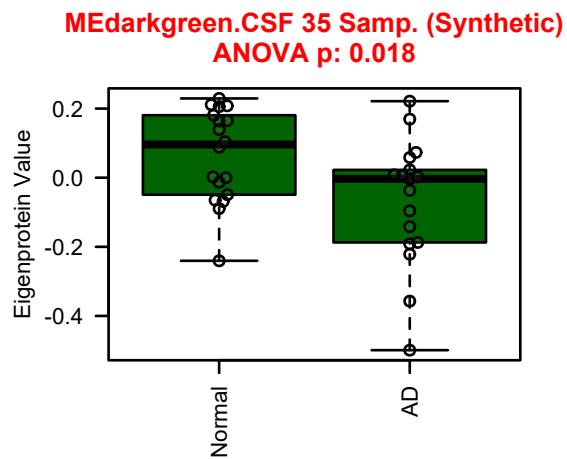
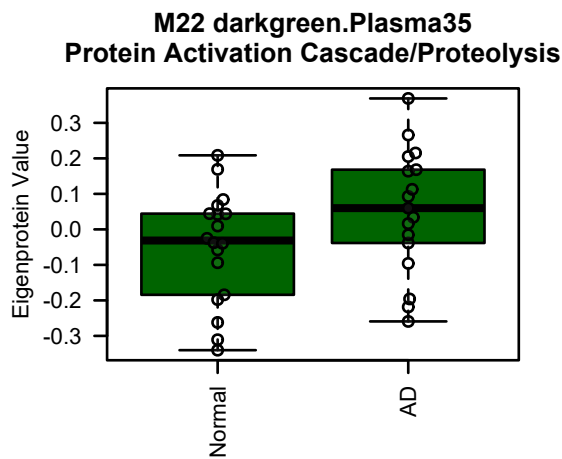
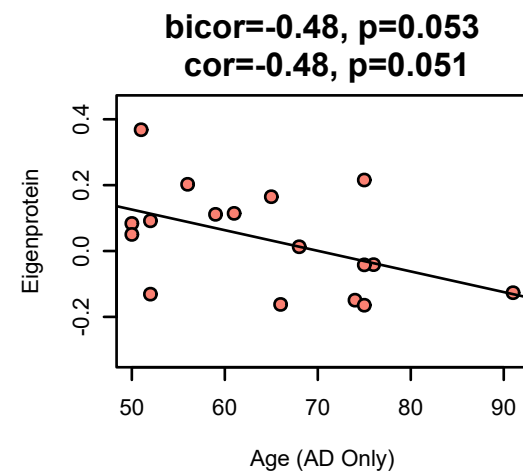
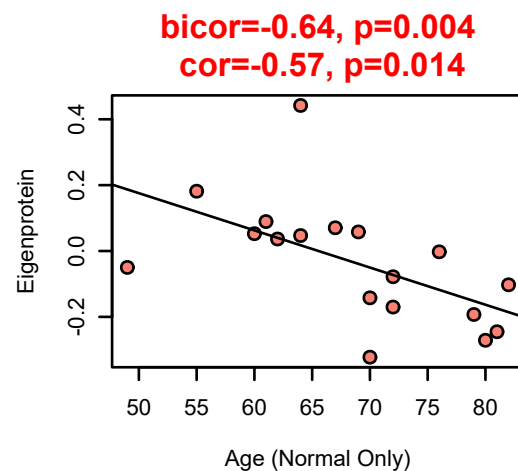
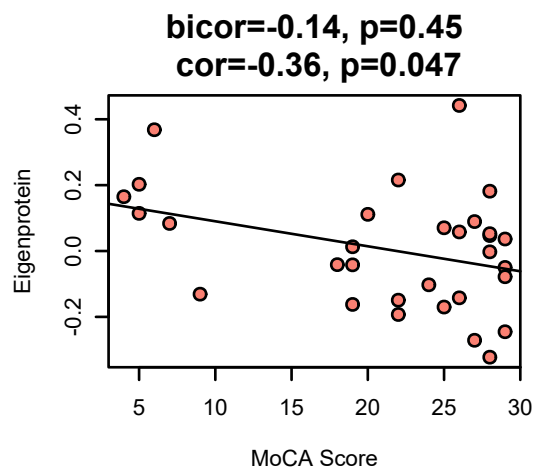
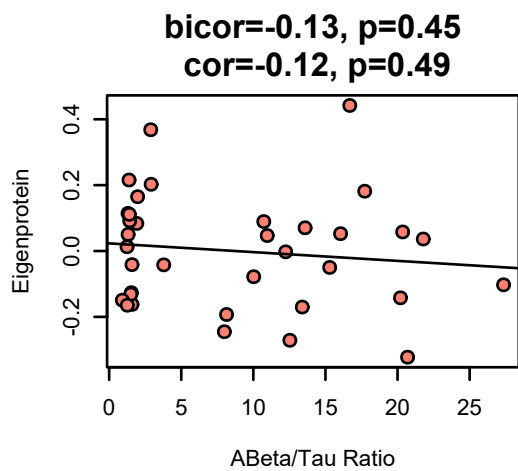
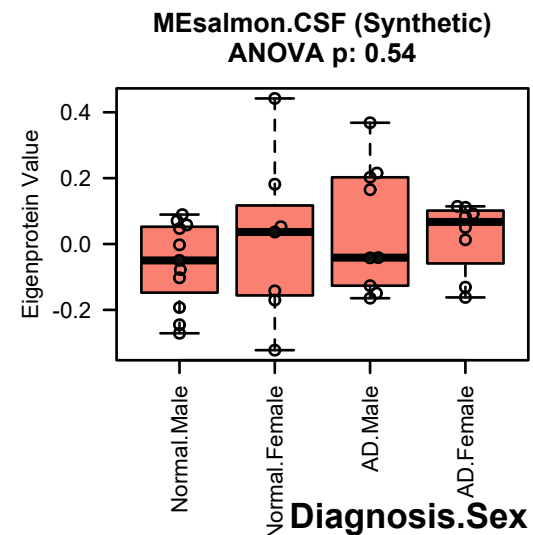
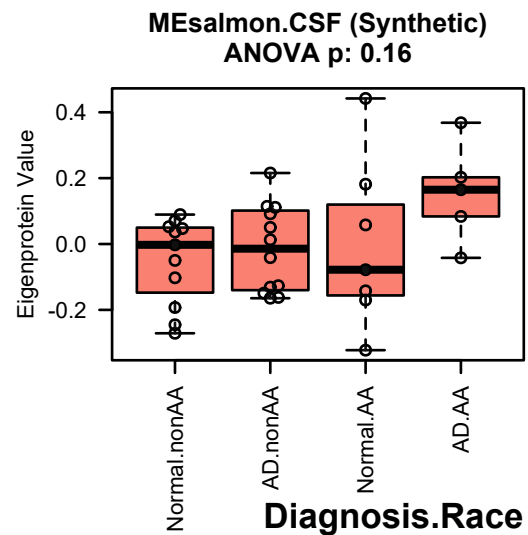
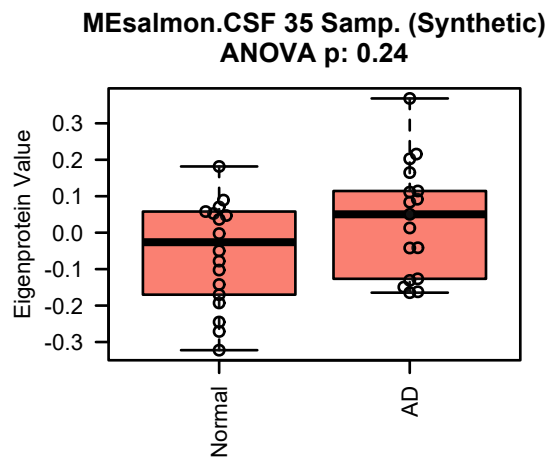
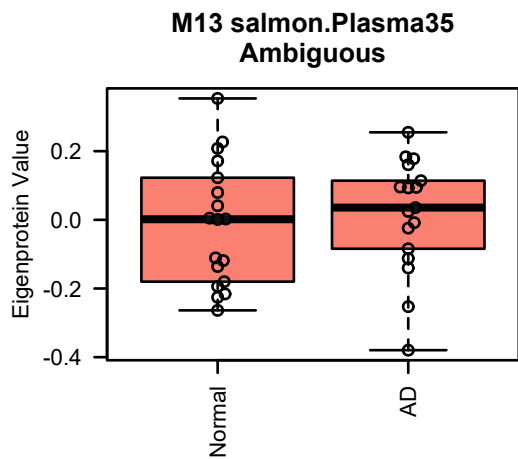


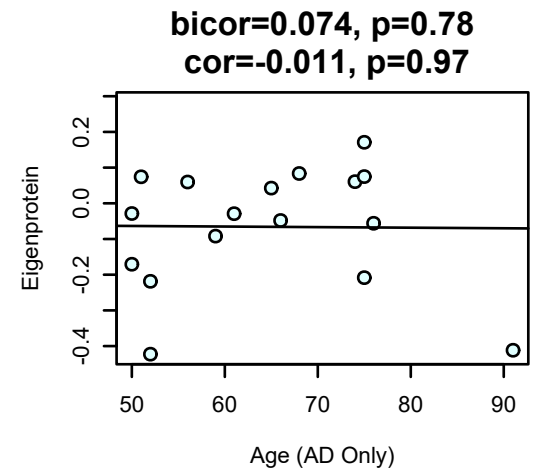
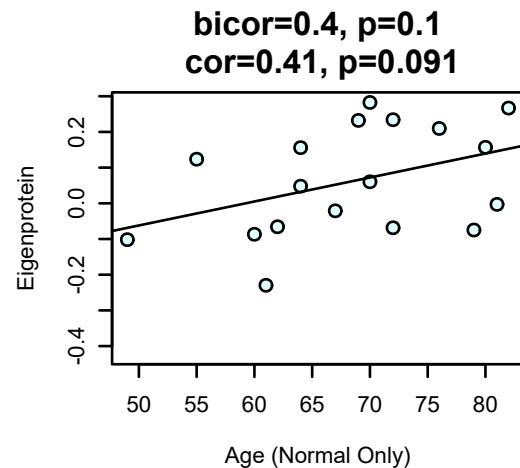
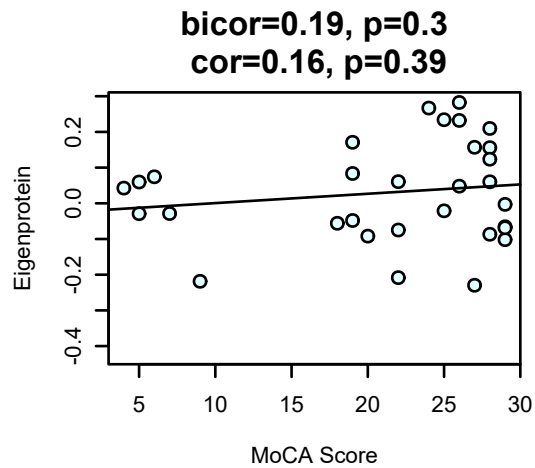
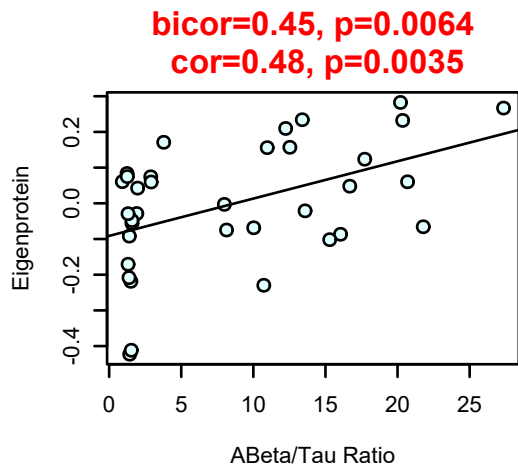
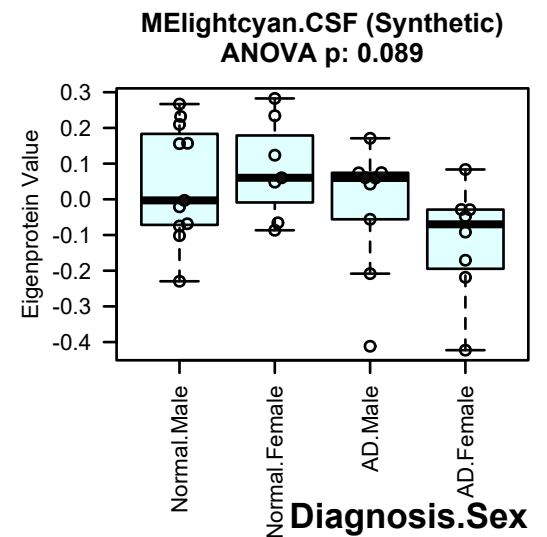
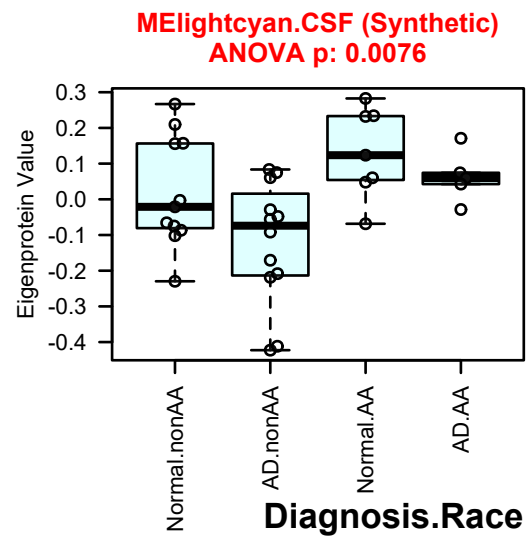
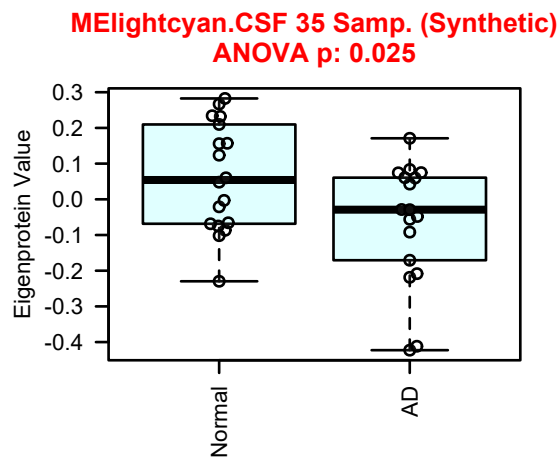
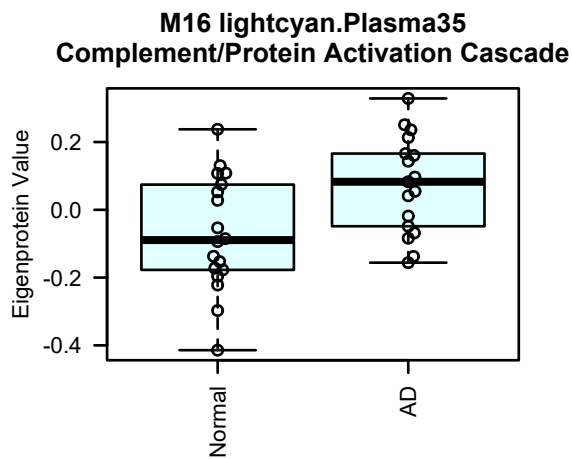
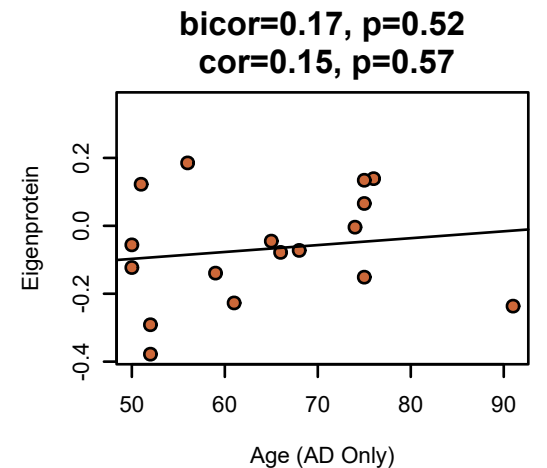
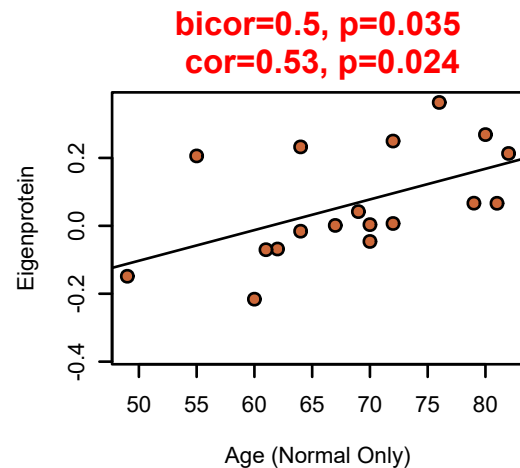
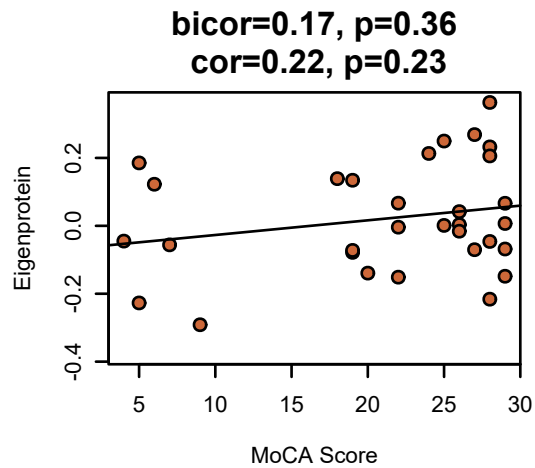
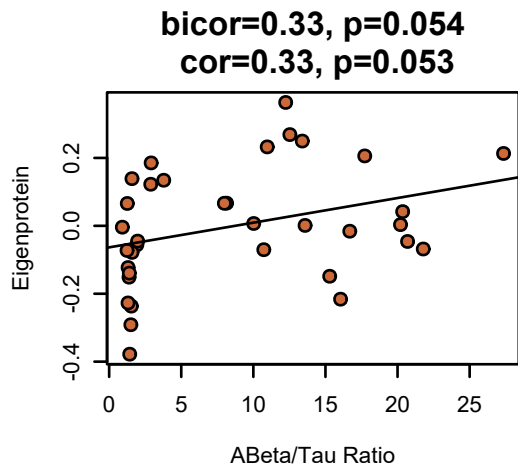
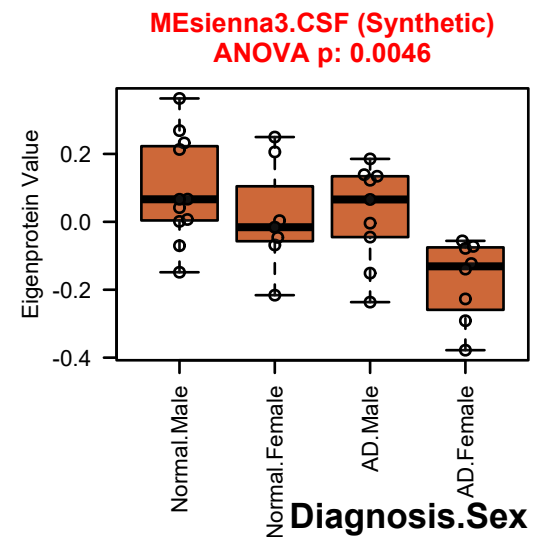
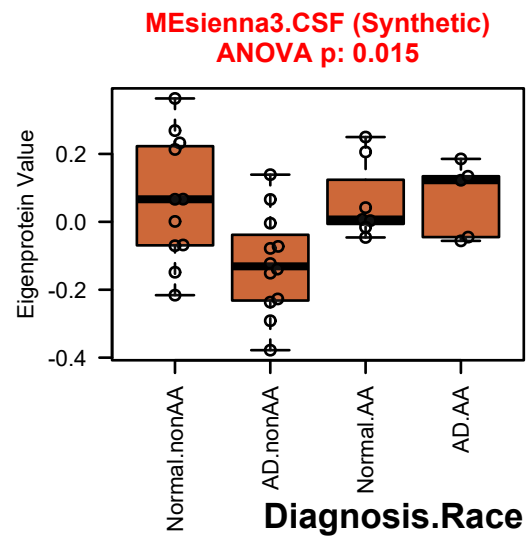
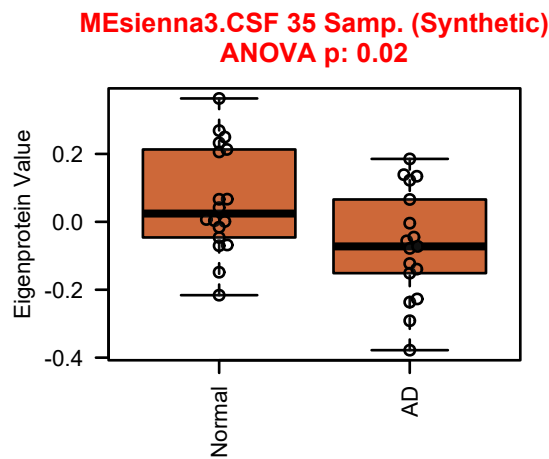
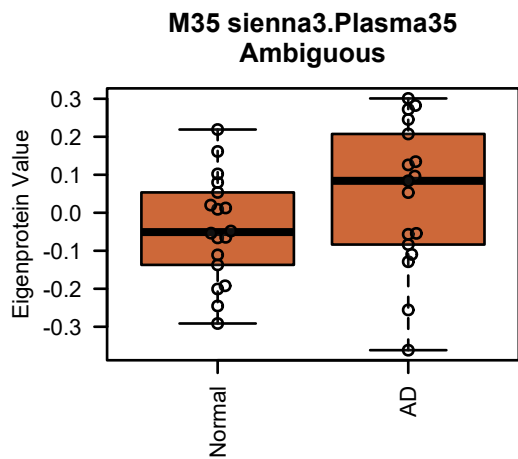
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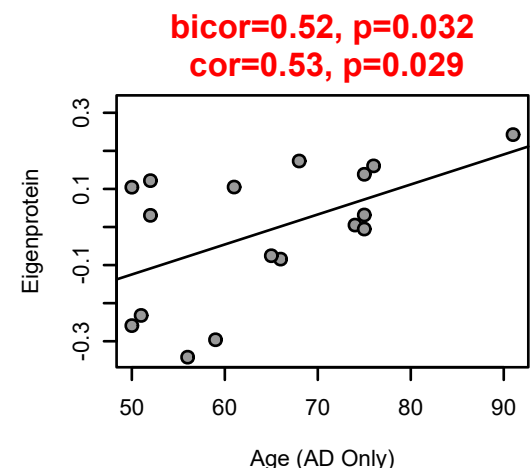
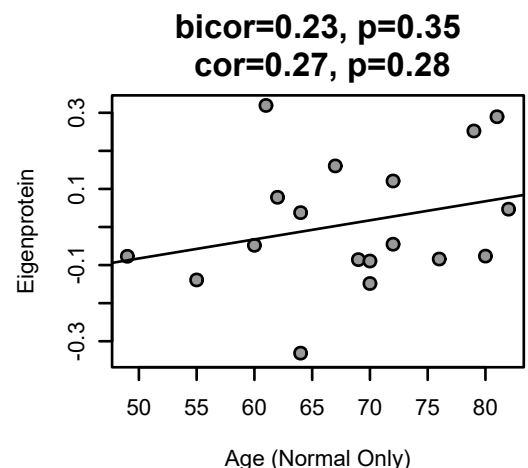
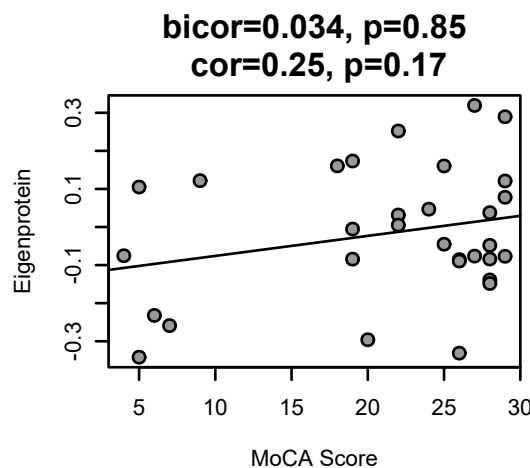
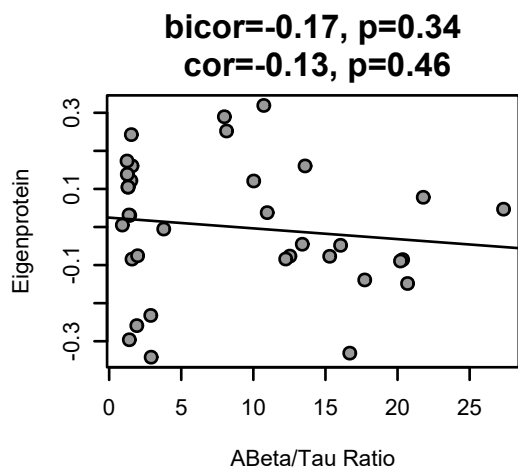
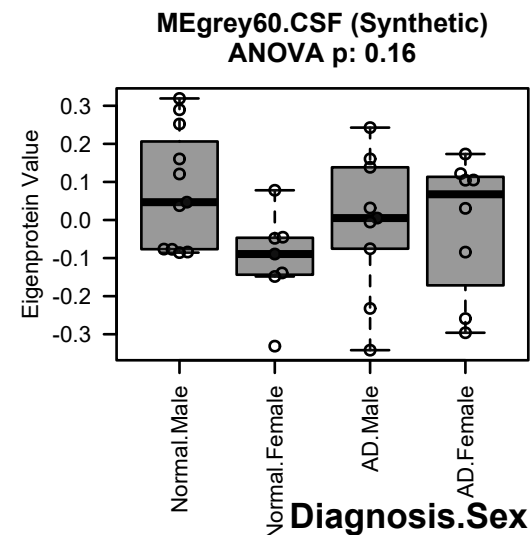
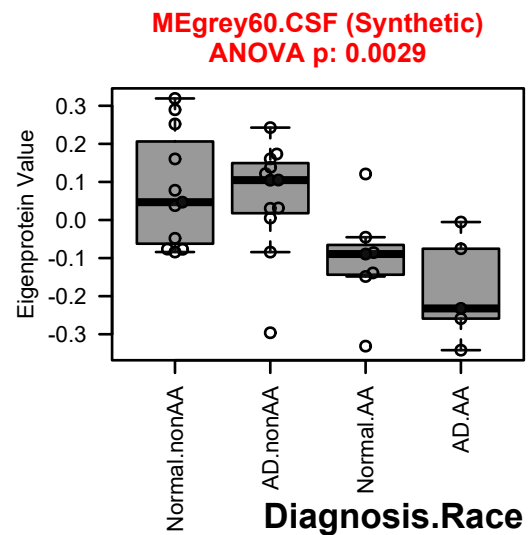
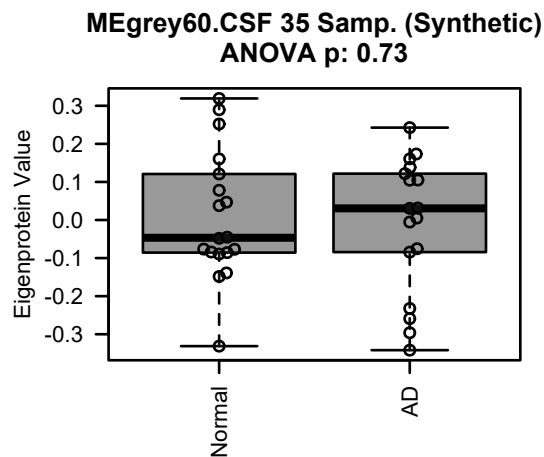
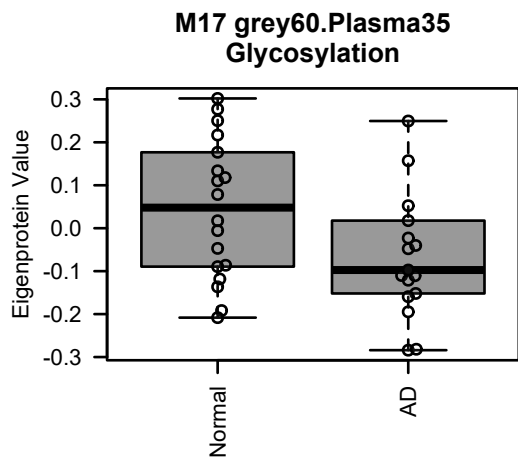
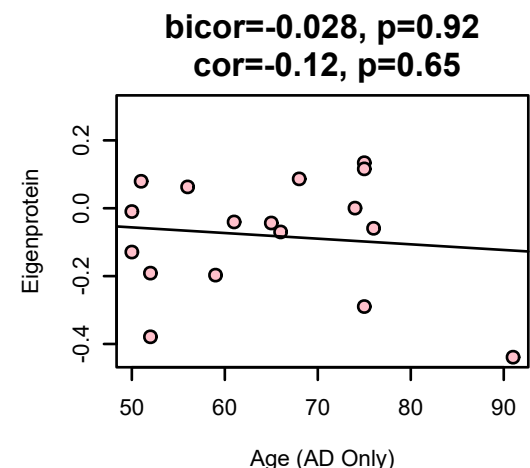
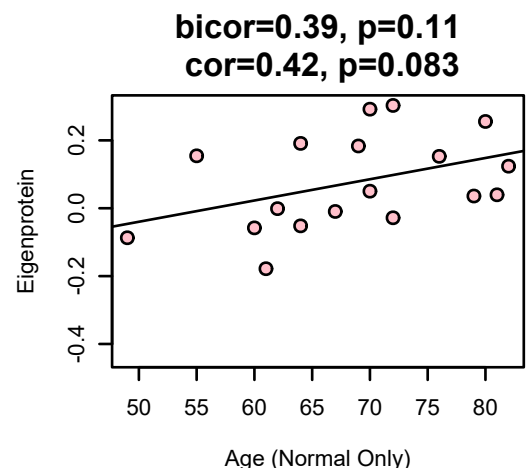
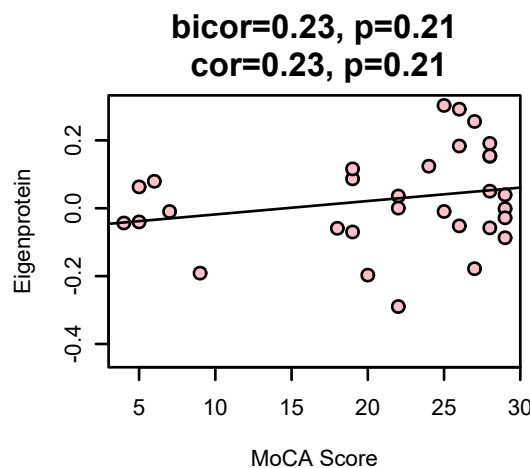
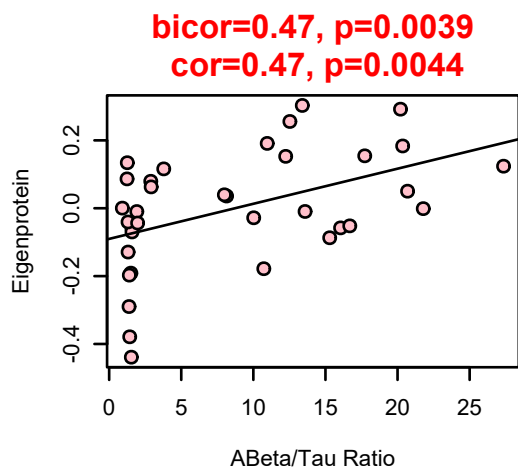
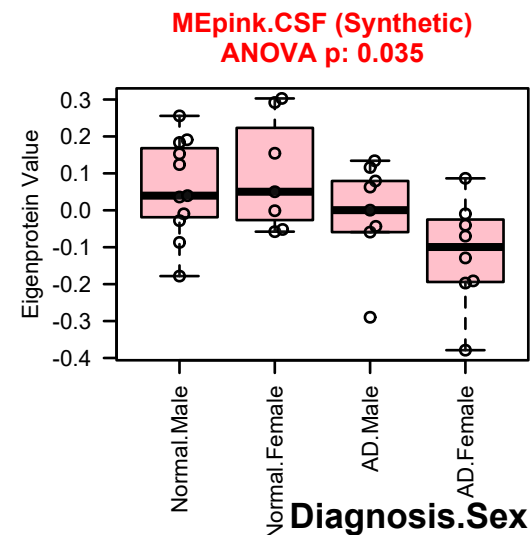
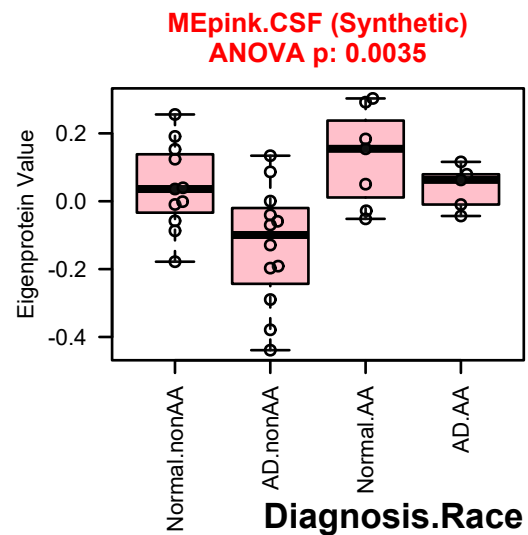
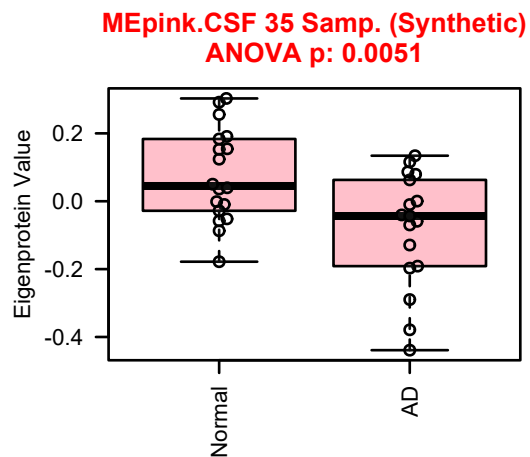
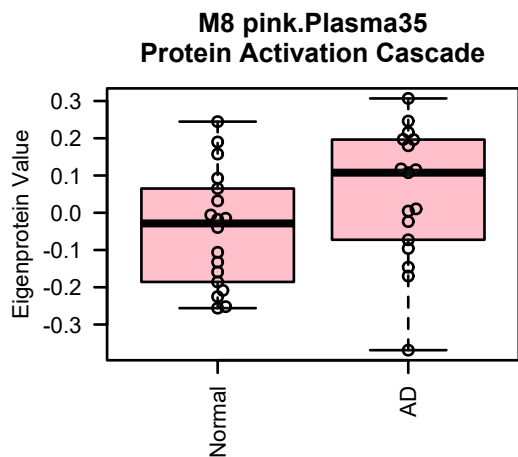


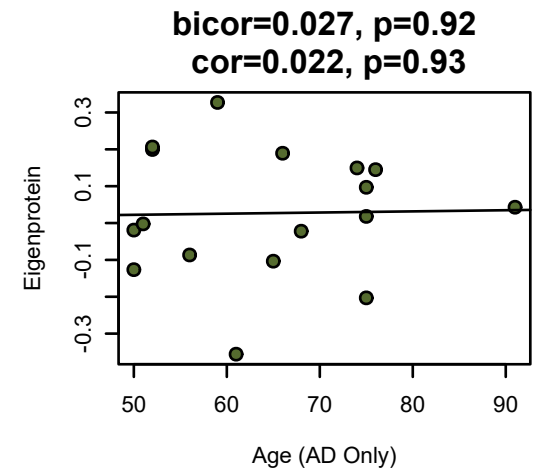
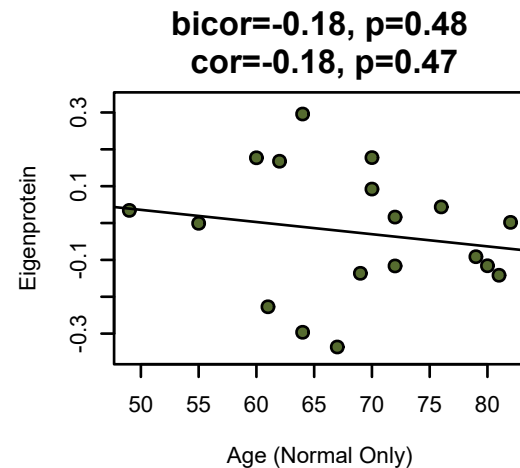
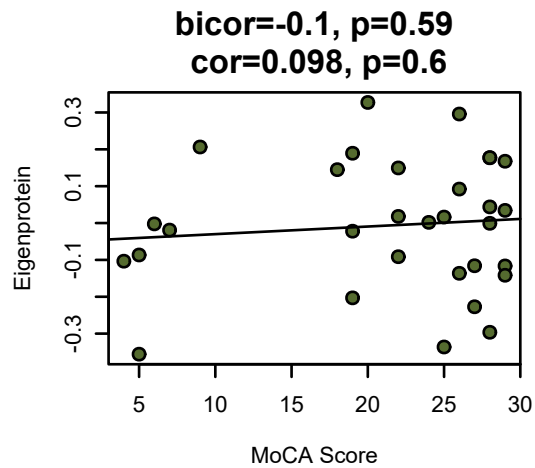
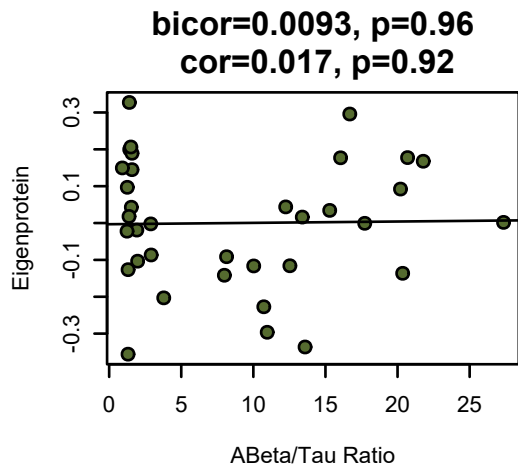
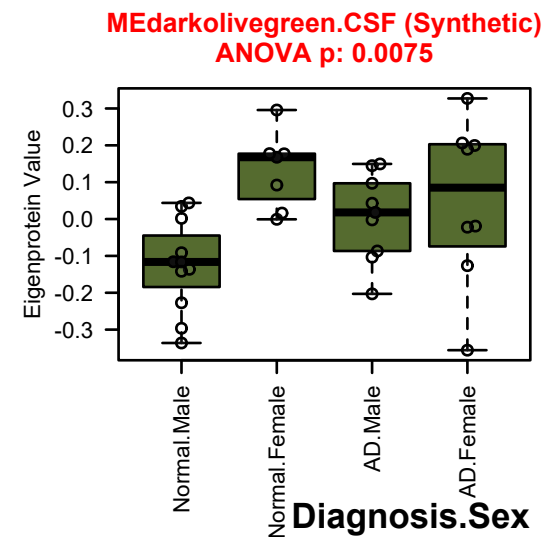
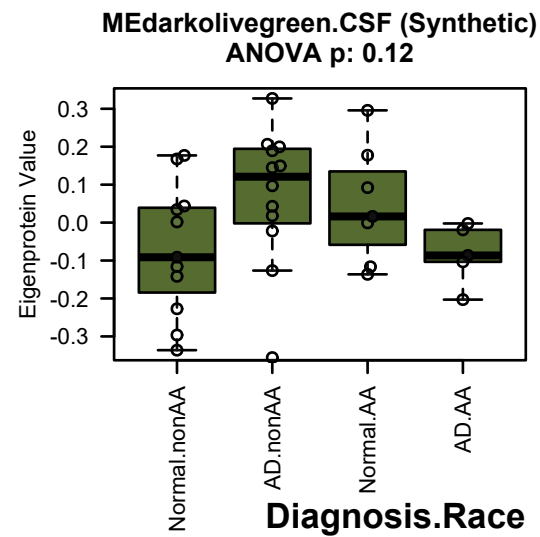
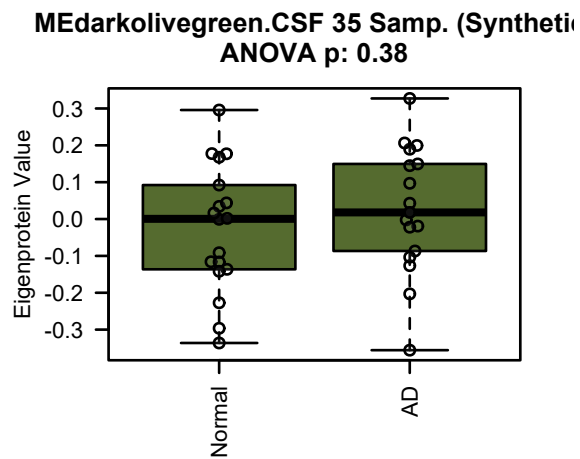
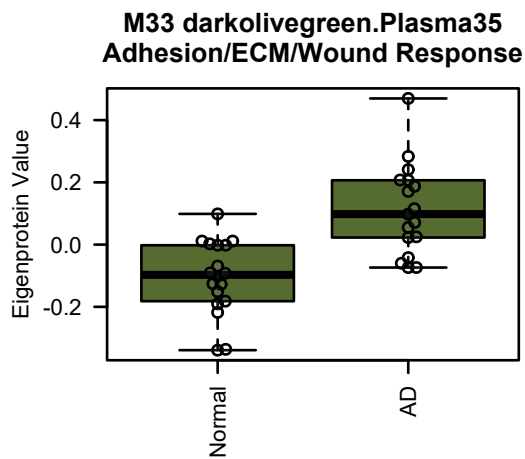
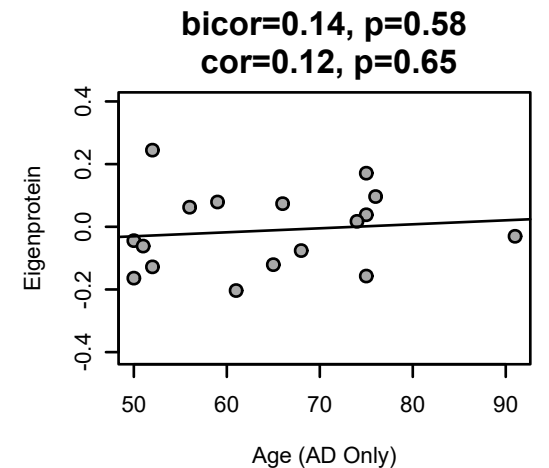
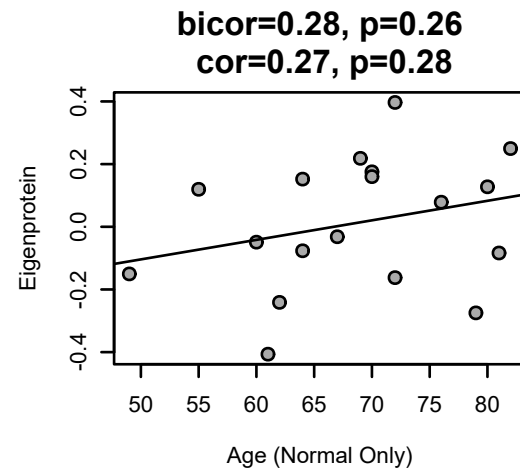
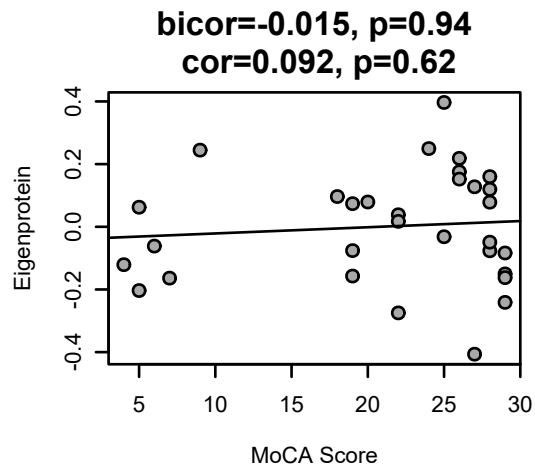
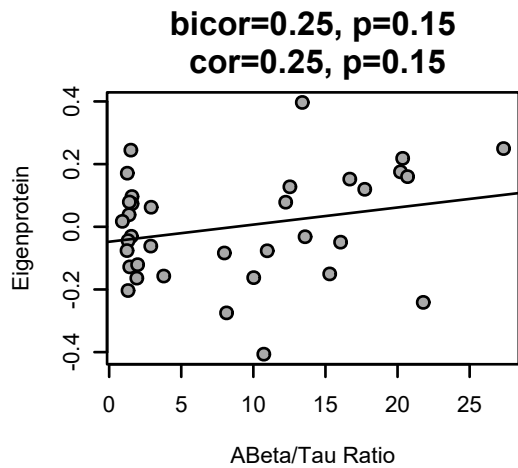
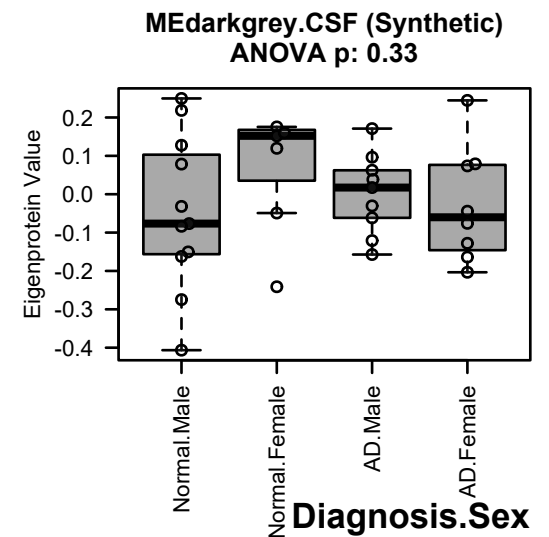
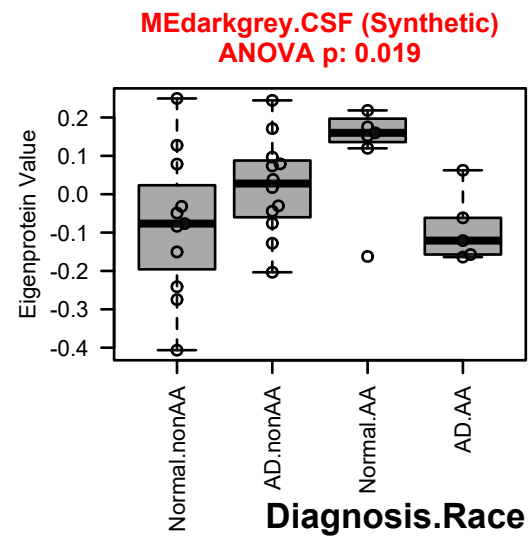
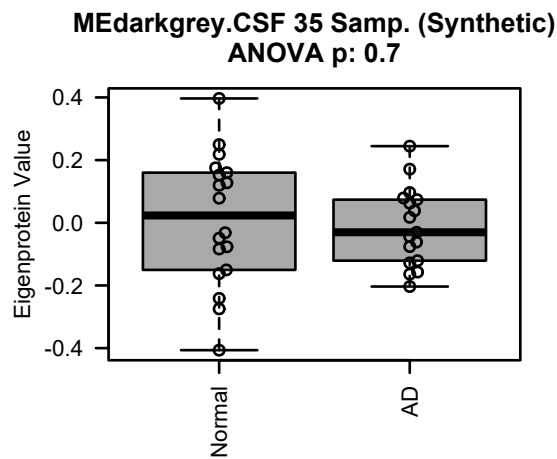
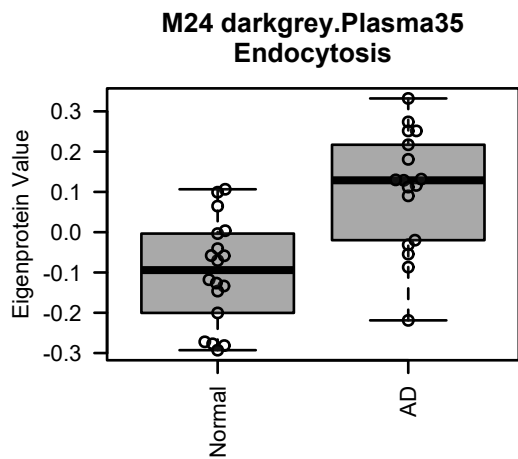


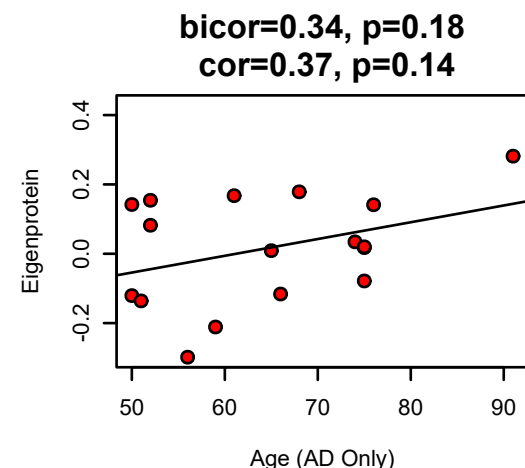
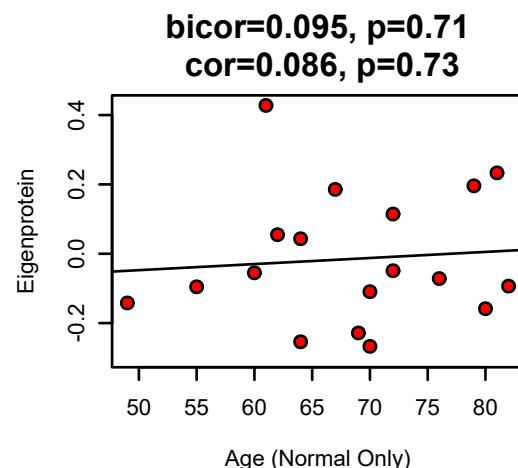
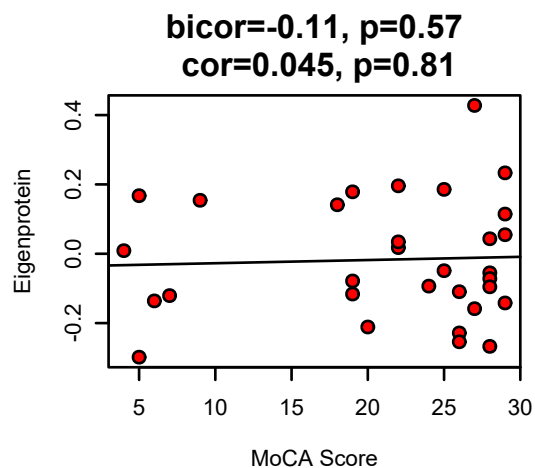
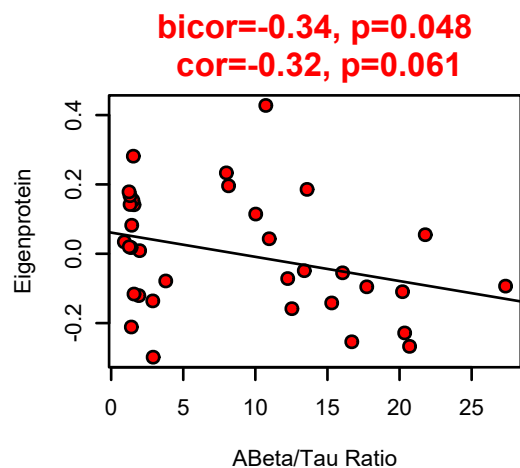
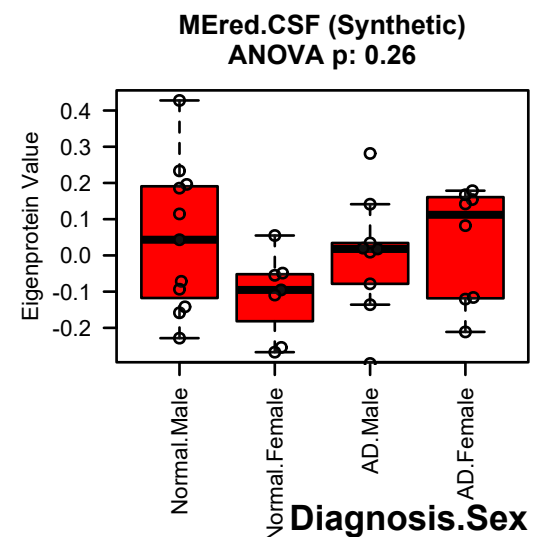
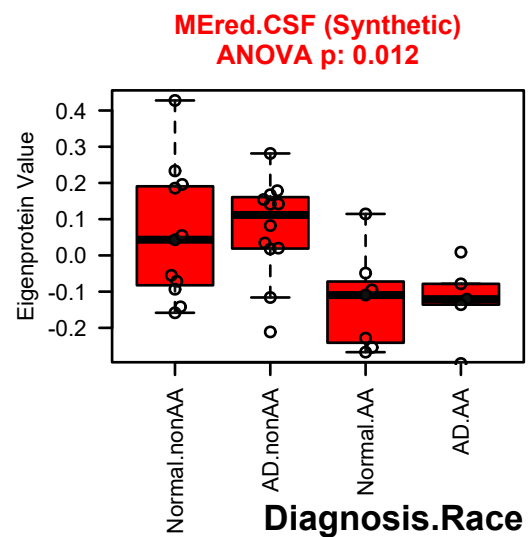
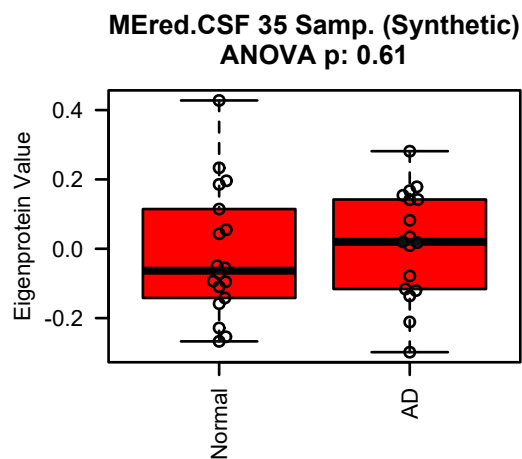
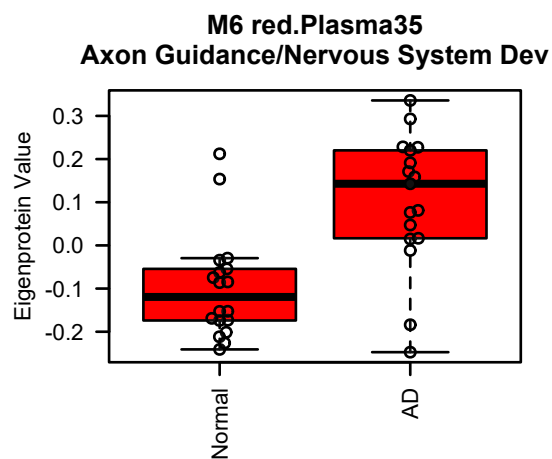
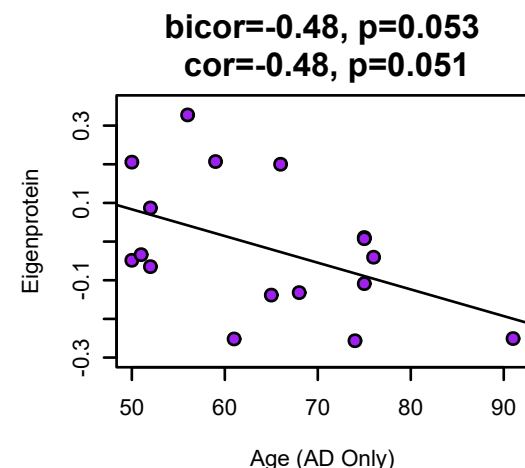
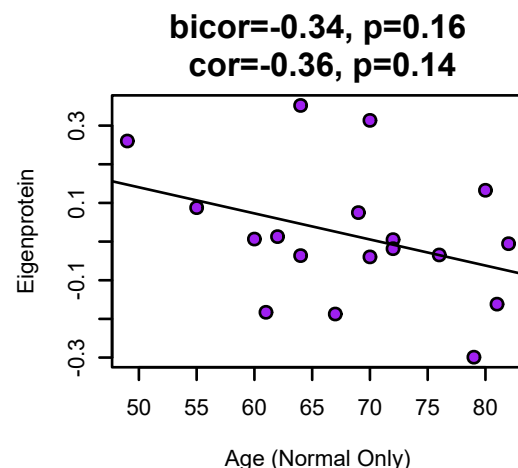
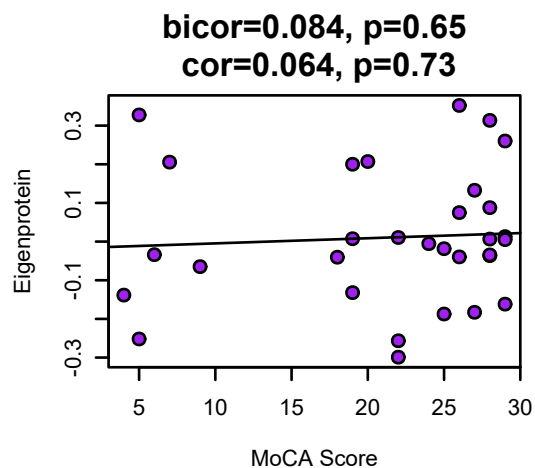
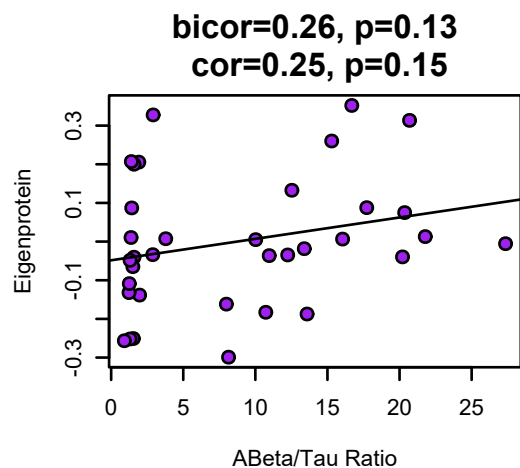
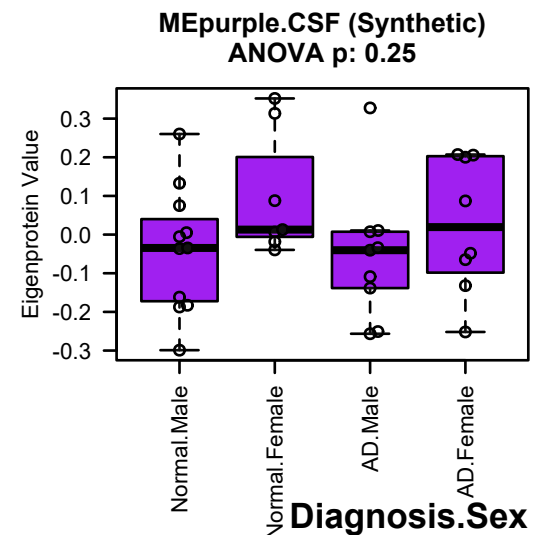
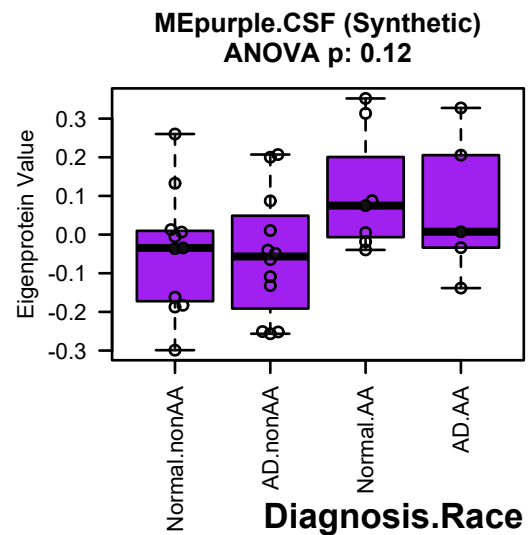
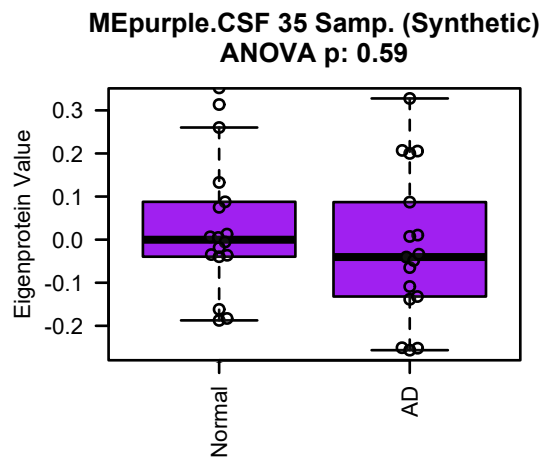
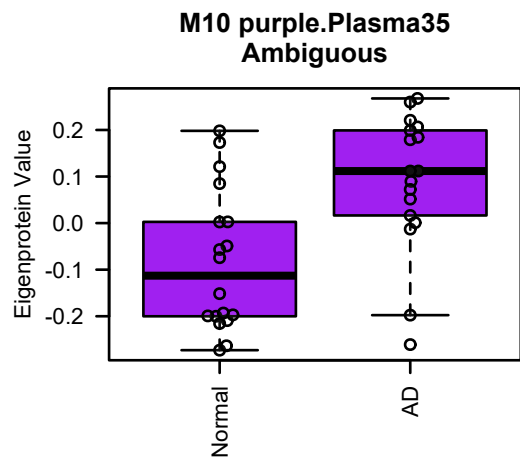


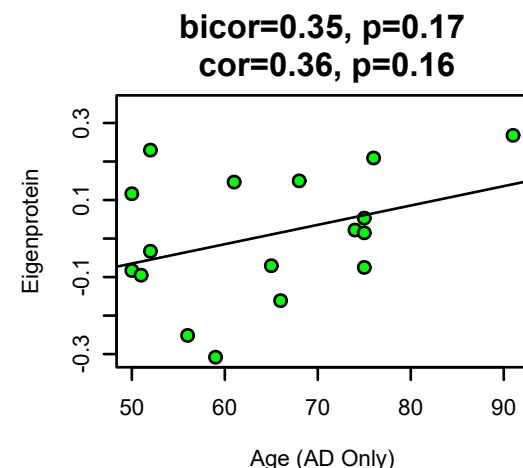
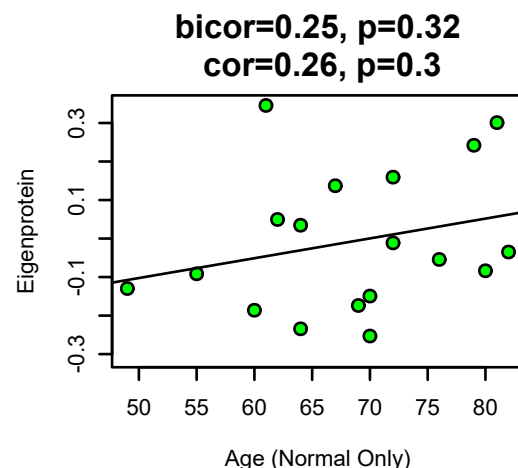
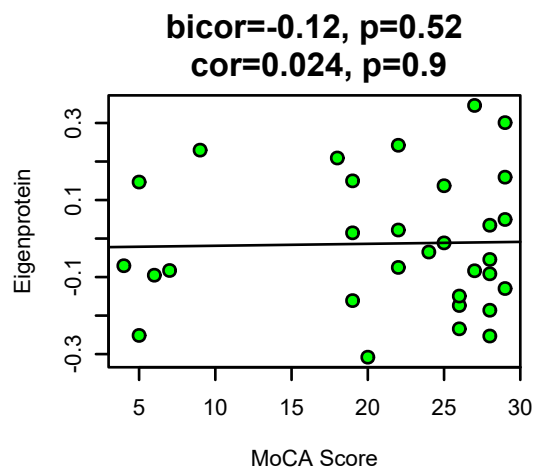
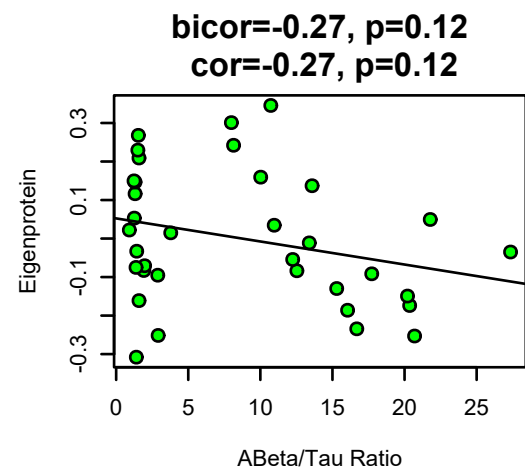
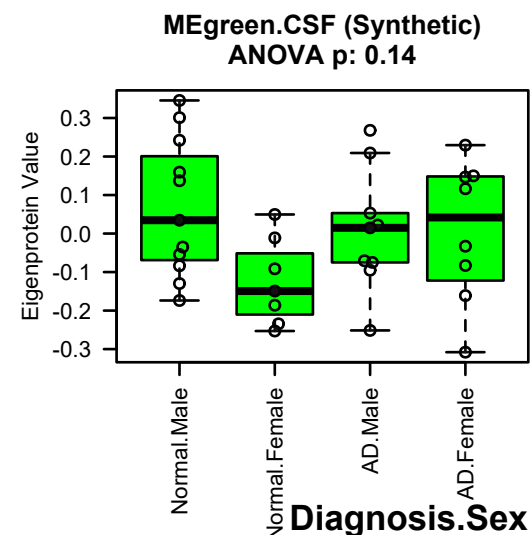
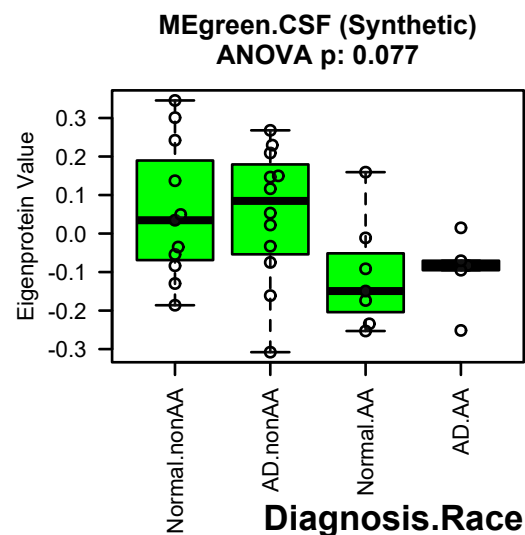
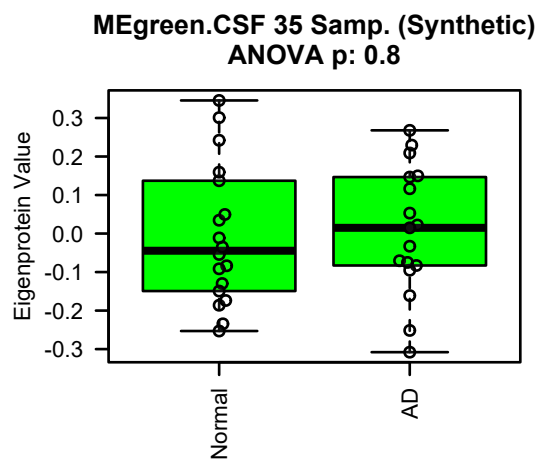
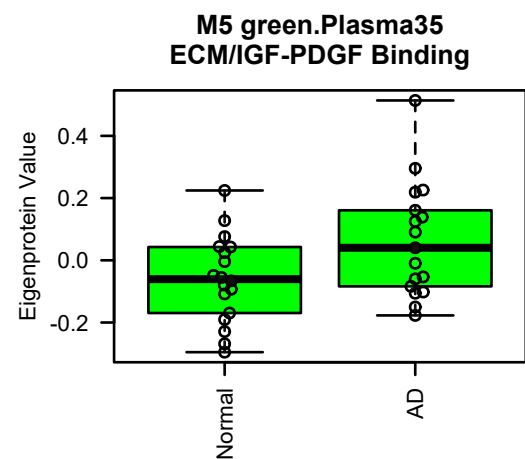
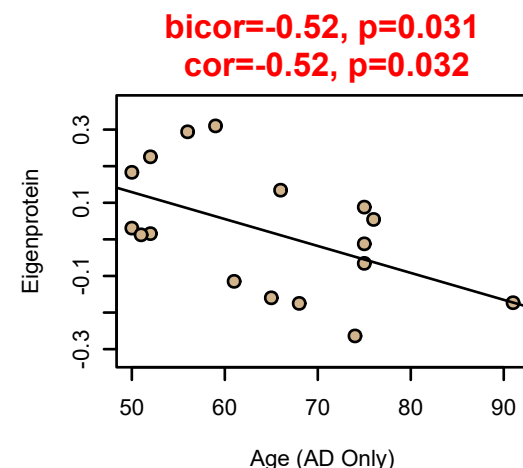
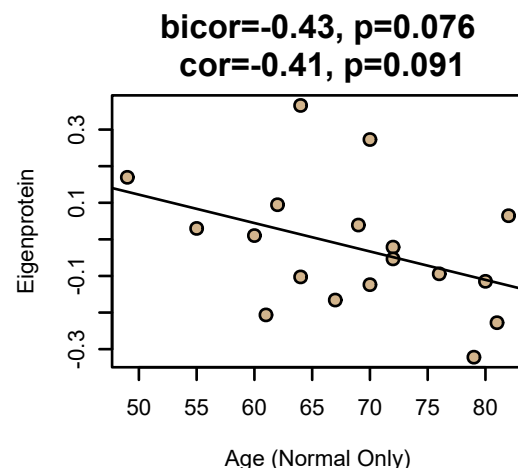
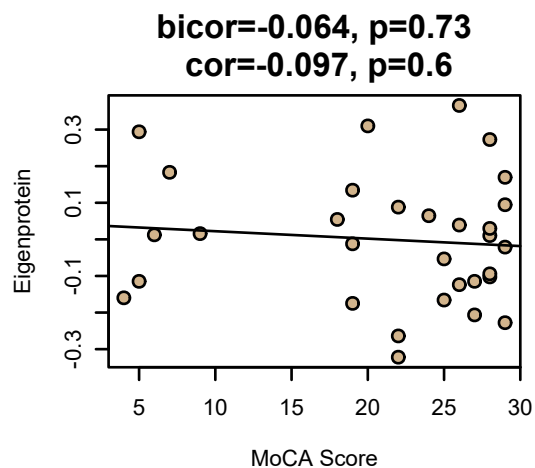
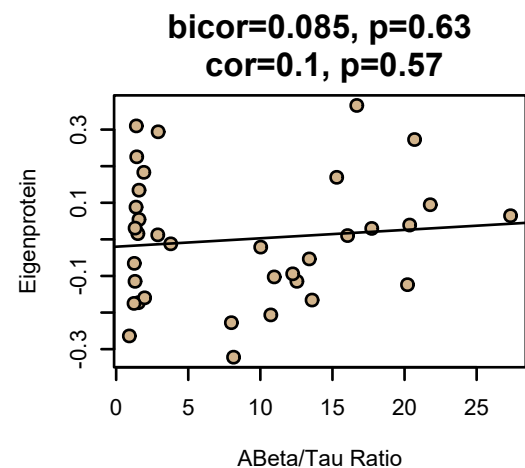
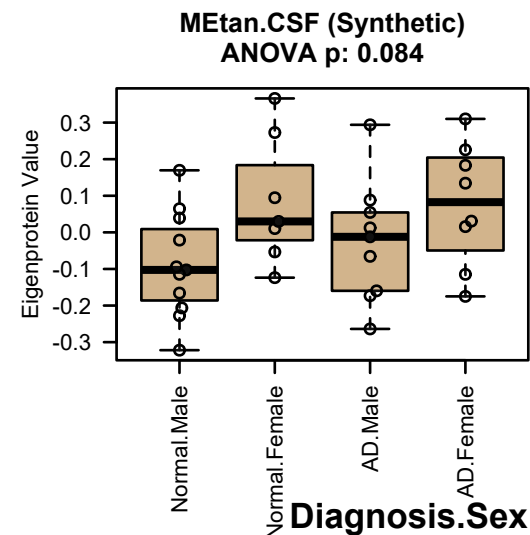
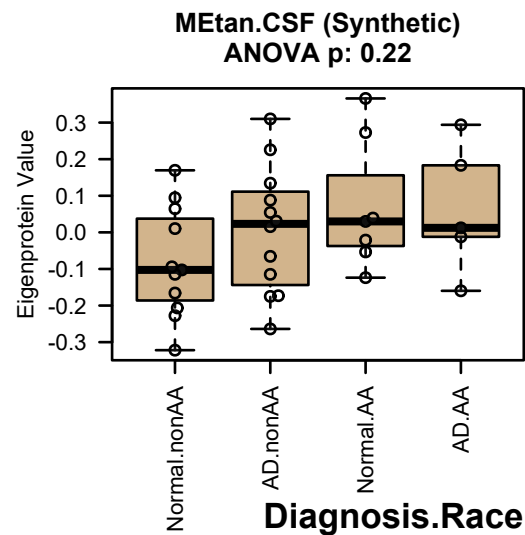
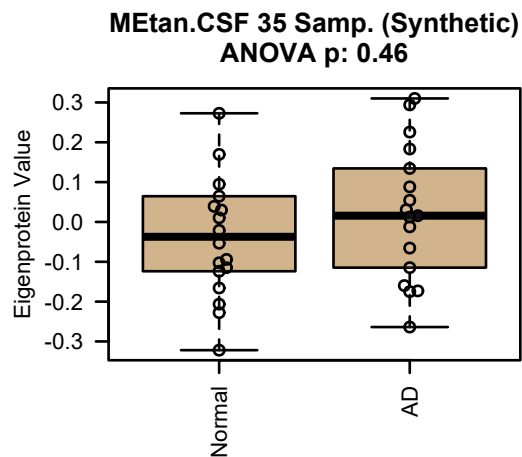
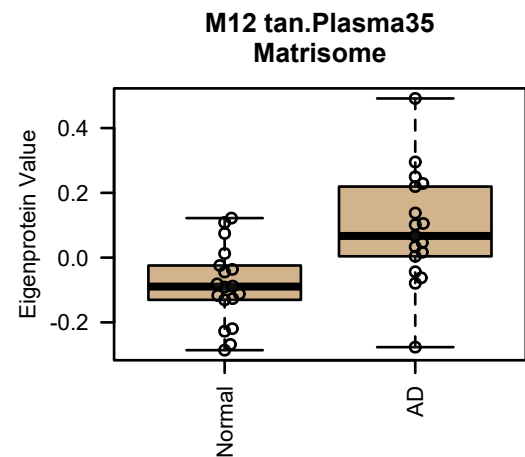


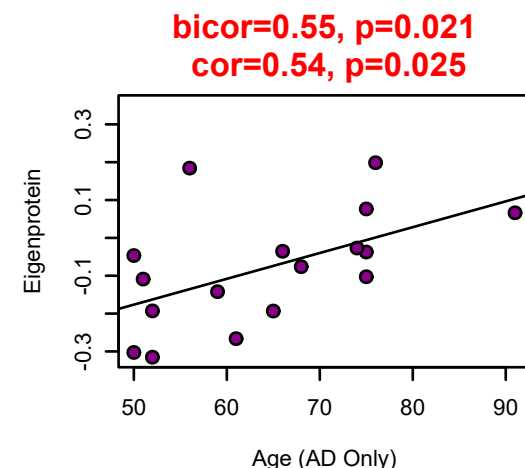
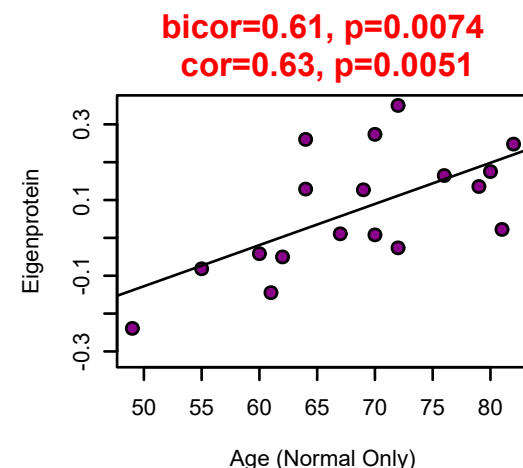
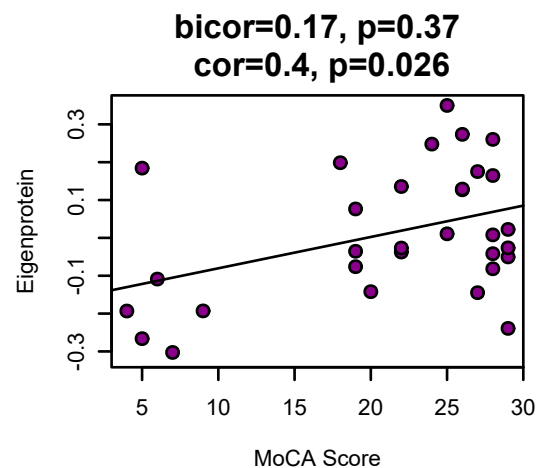
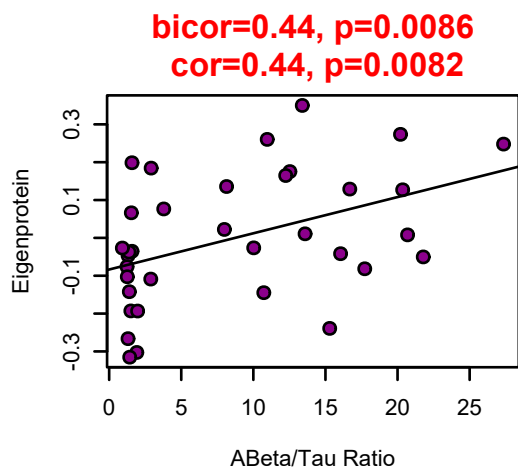
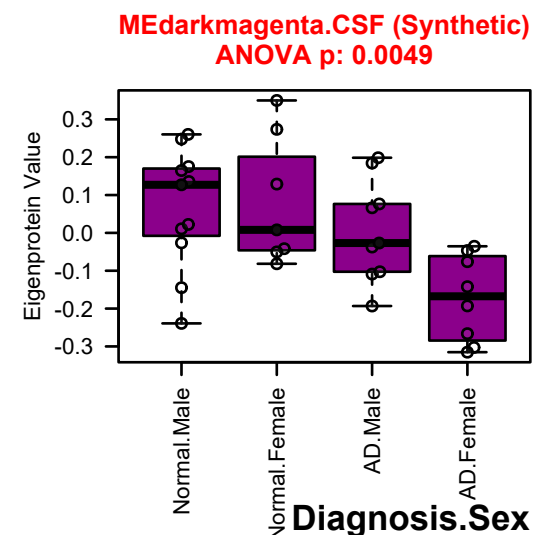
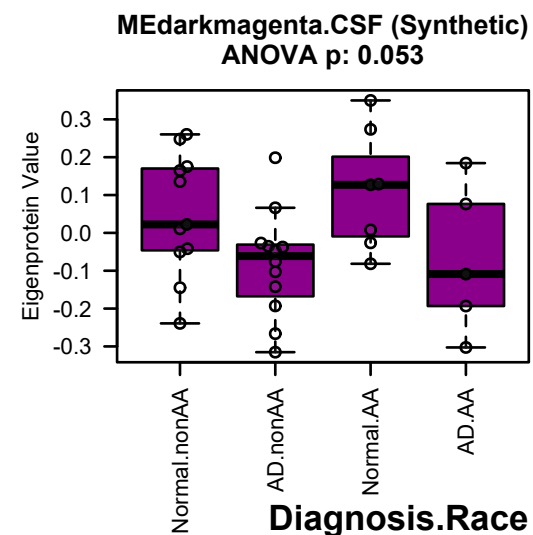
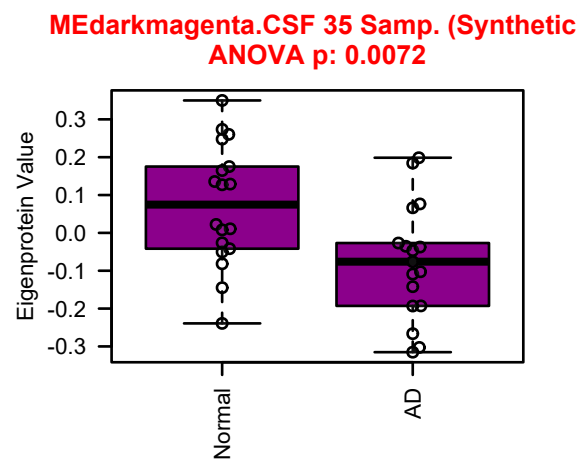
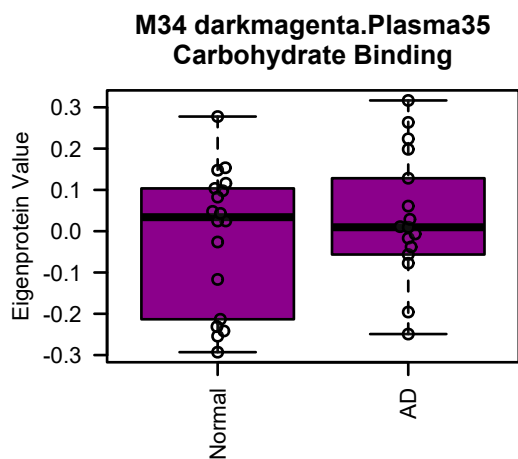
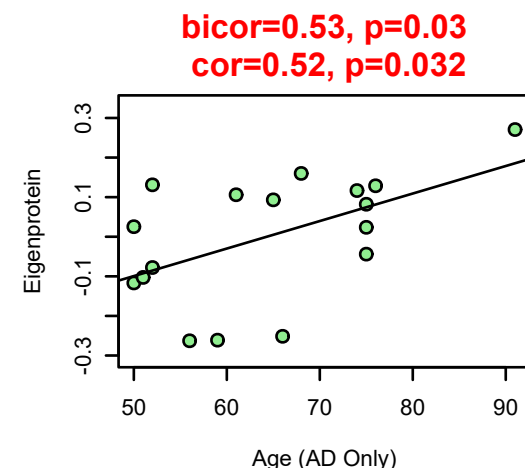
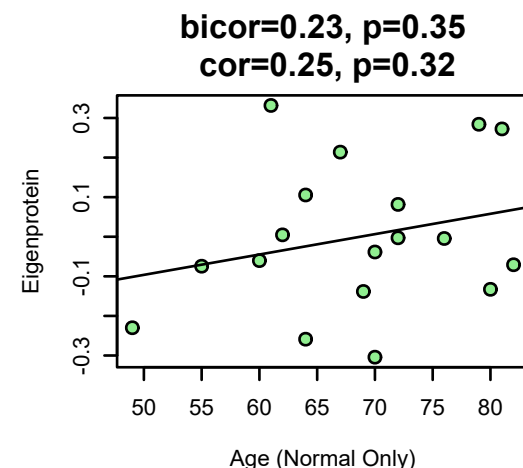
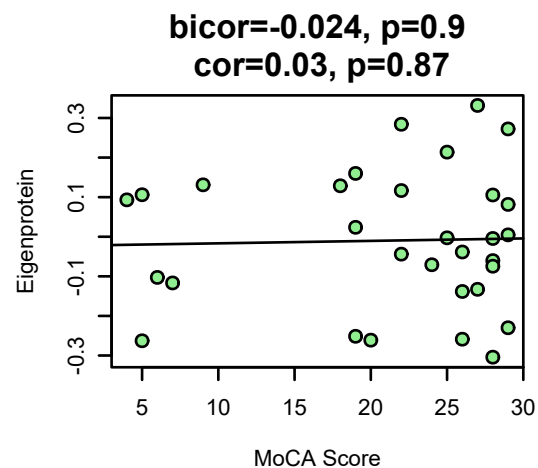
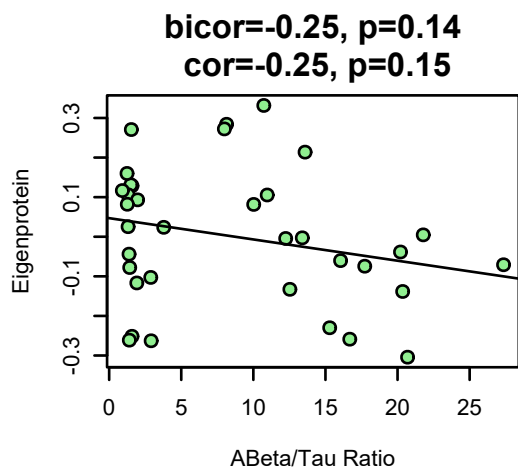
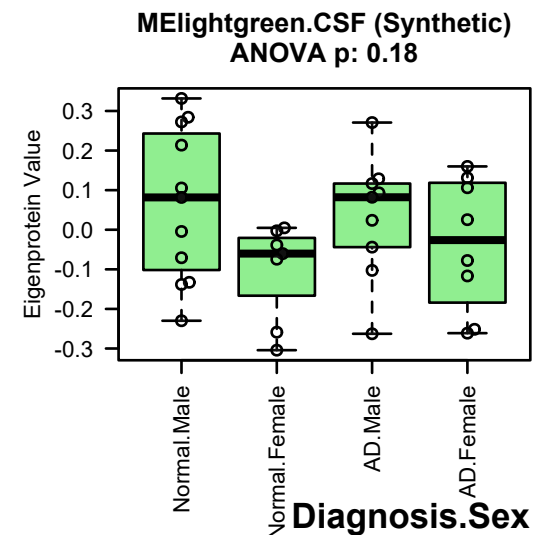
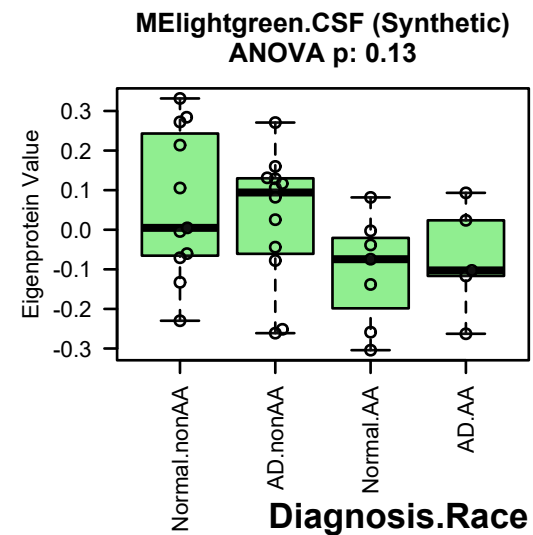
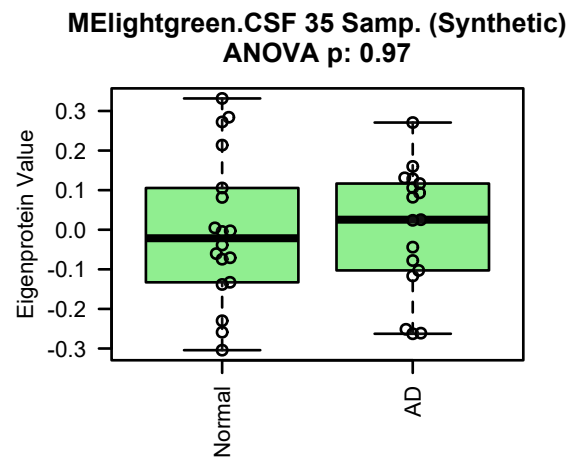
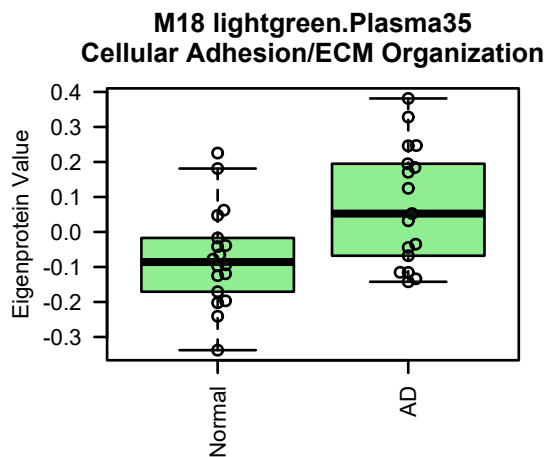




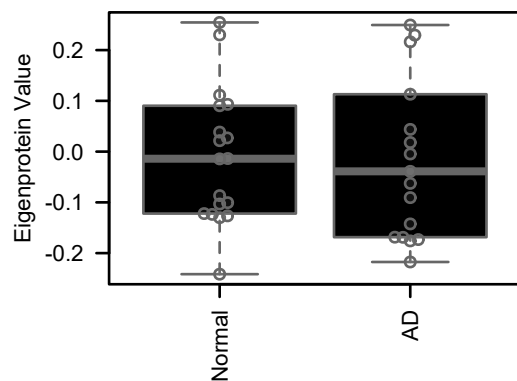




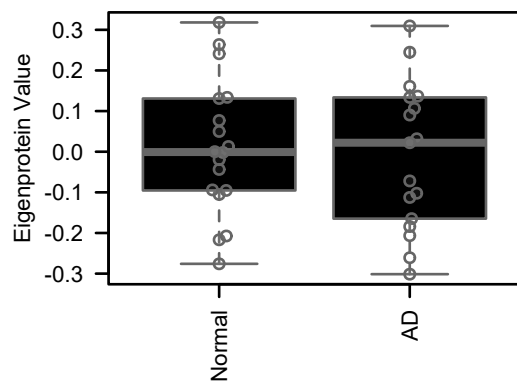




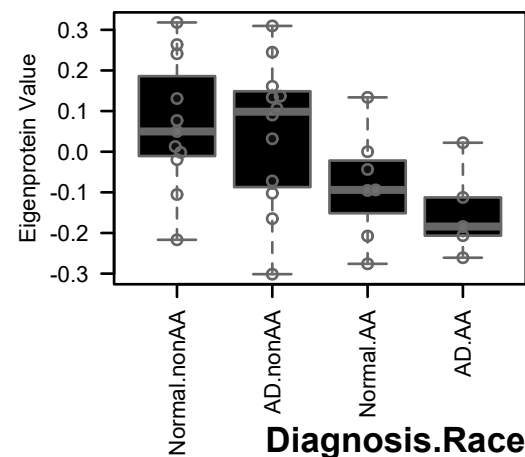
**M7 black.Plasma35
TNF/Ephrin Signaling**



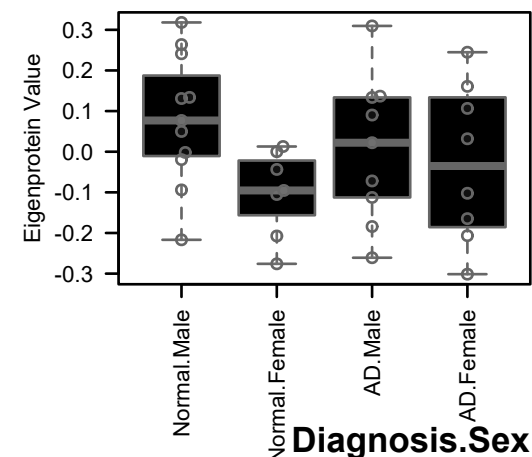
**MEblack.CSF 35 Samp. (Synthetic)
ANOVA p: 0.75**



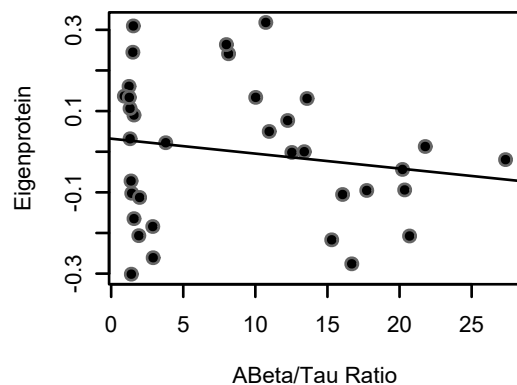
**MEblack.CSF (Synthetic)
ANOVA p: 0.036**



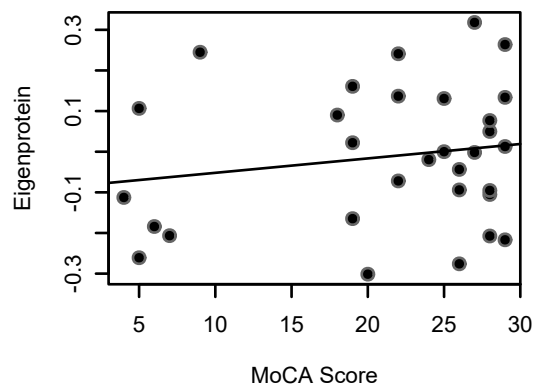
**MEblack.CSF (Synthetic)
ANOVA p: 0.16**



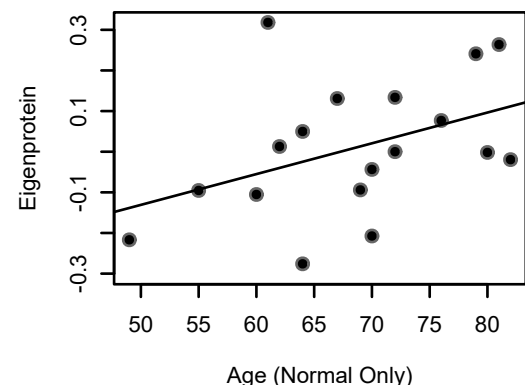
**bicor=-0.17, p=0.32
cor=-0.17, p=0.33**



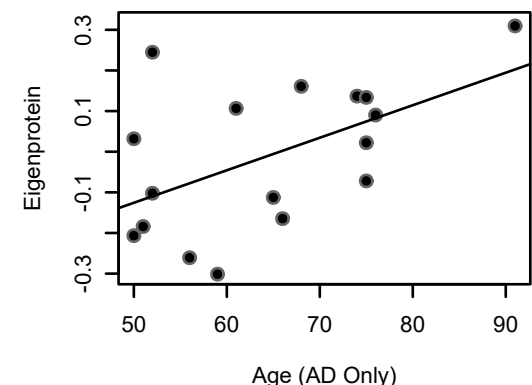
**bicor=0.062, p=0.74
cor=0.17, p=0.36**



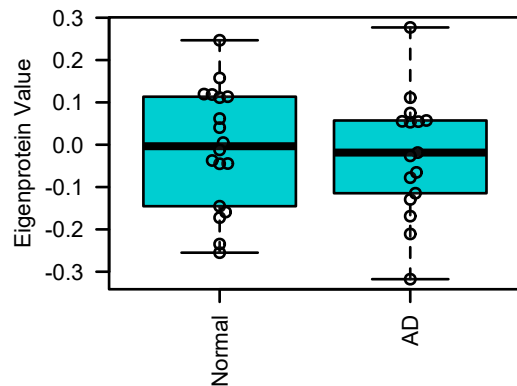
**bicor=0.42, p=0.079
cor=0.42, p=0.083**



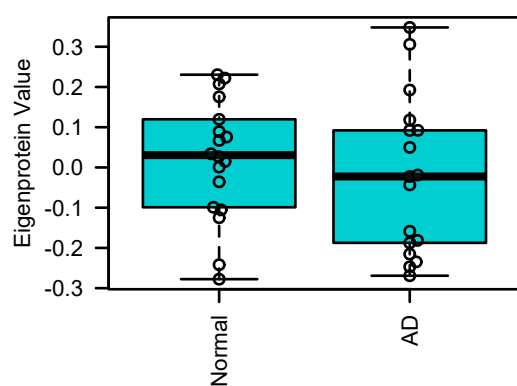
**bicor=0.52, p=0.033
cor=0.53, p=0.029**



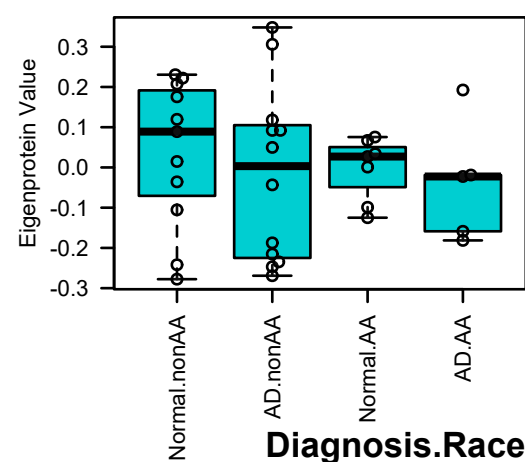
**M23 darkturquoise.Plasma35
Carbohydrate Binding/ECM**



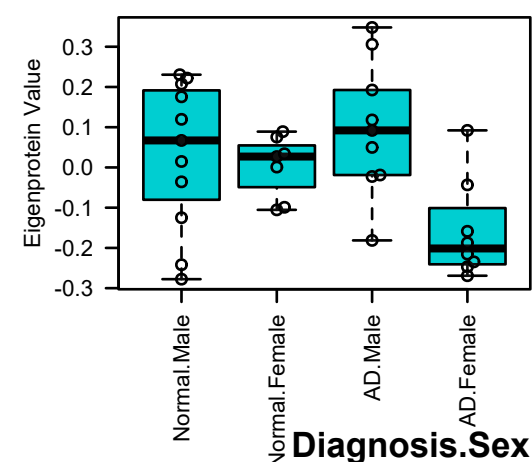
**MEdarkturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.46**



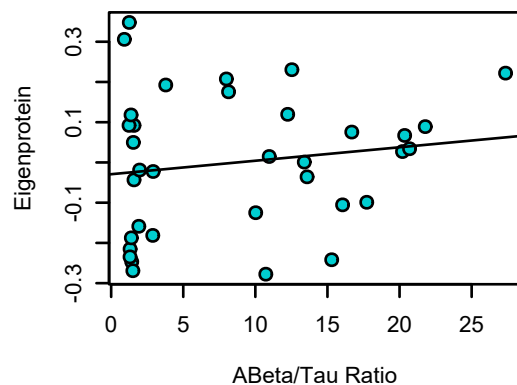
**MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.85**



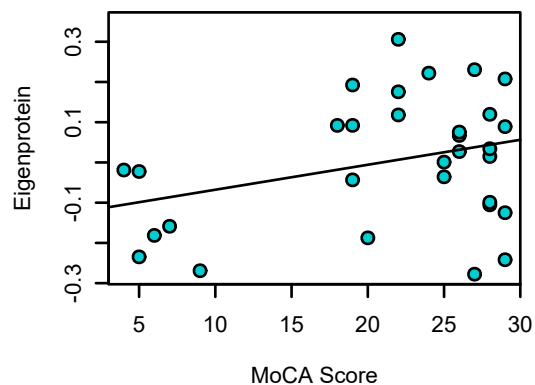
**MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.011**



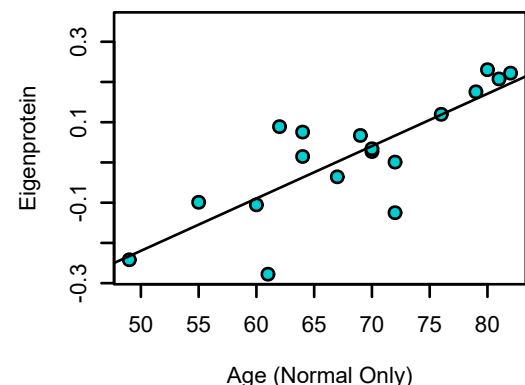
**bicor=0.14, p=0.41
cor=0.15, p=0.39**



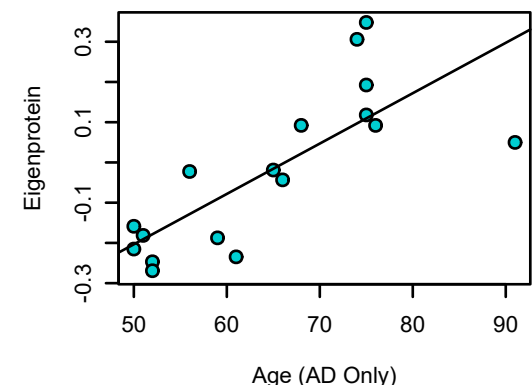
**bicor=0.099, p=0.6
cor=0.32, p=0.079**

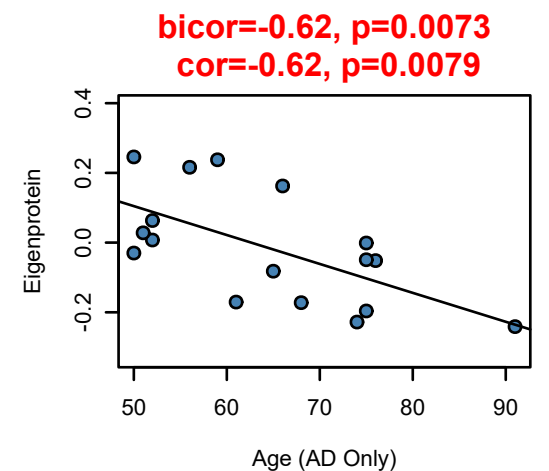
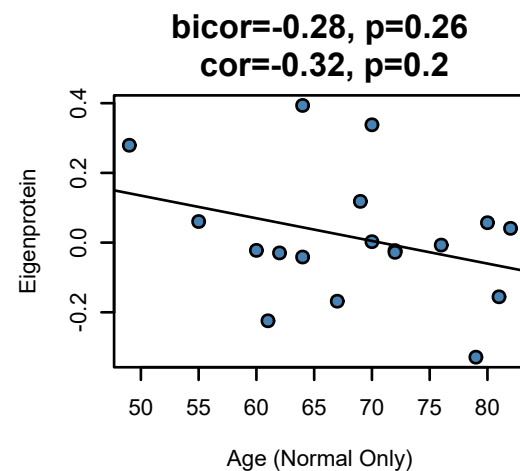
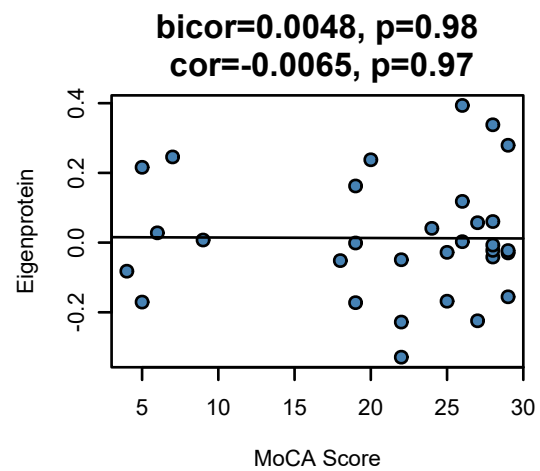
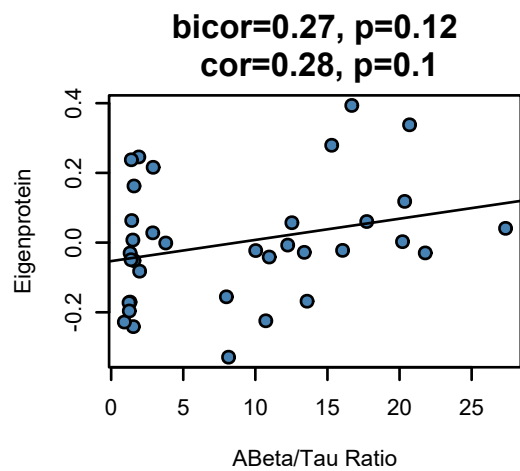
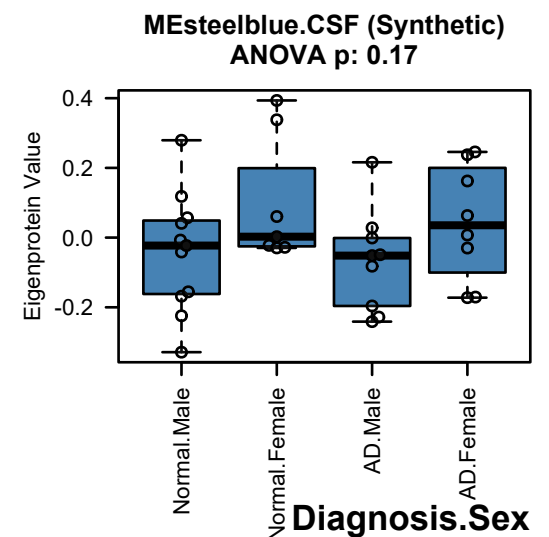
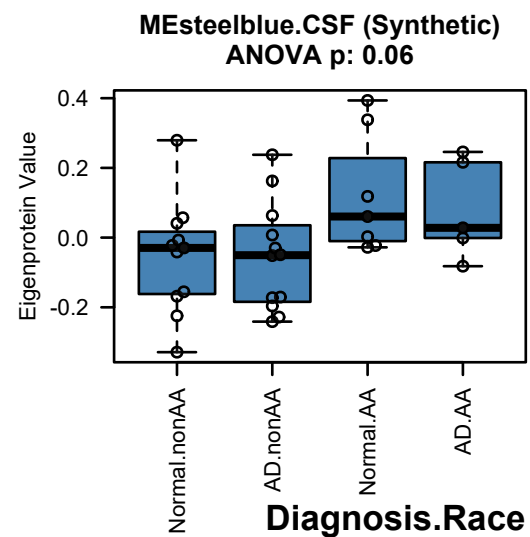
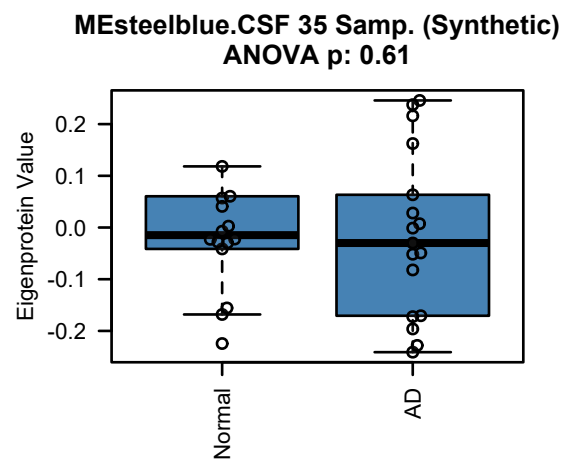
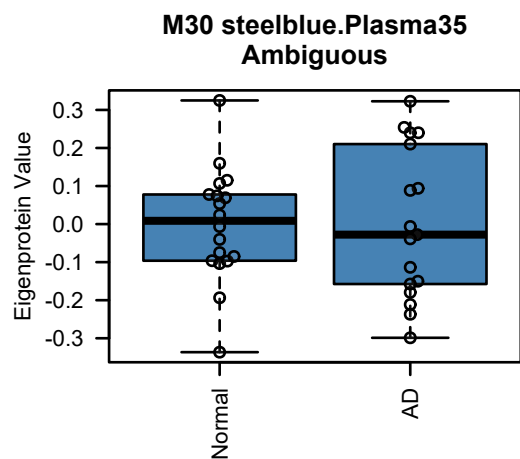
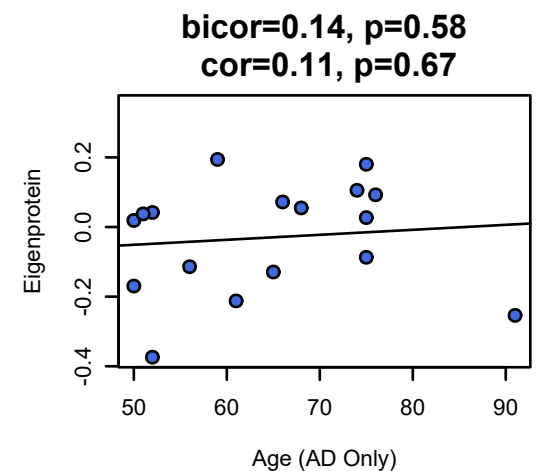
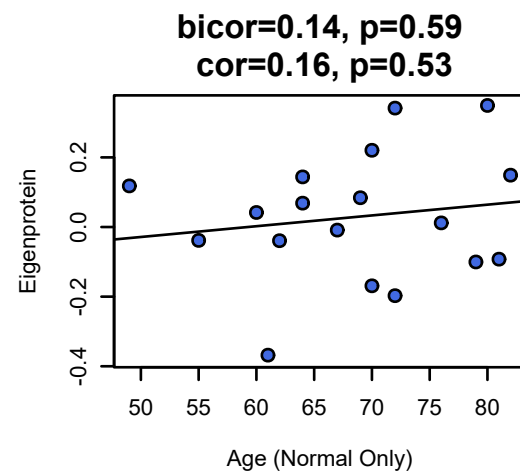
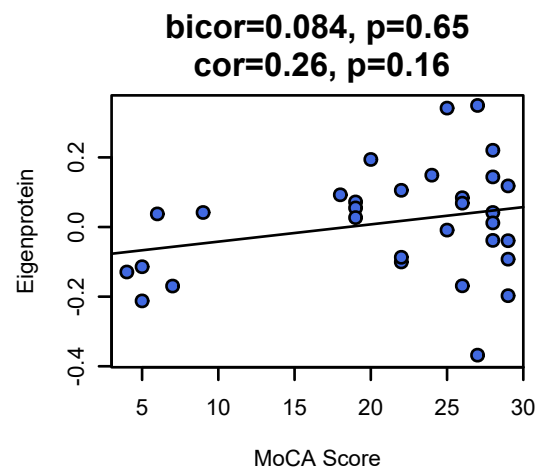
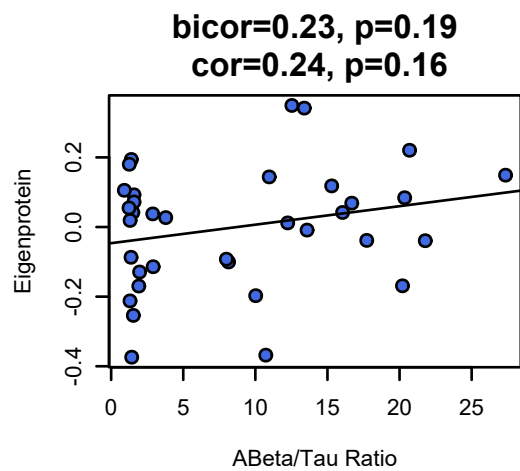
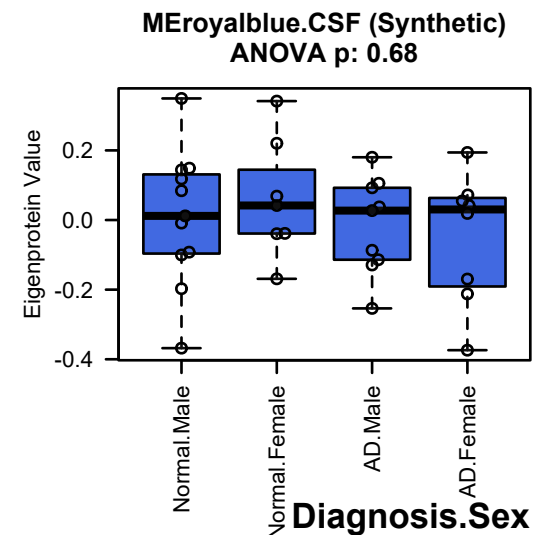
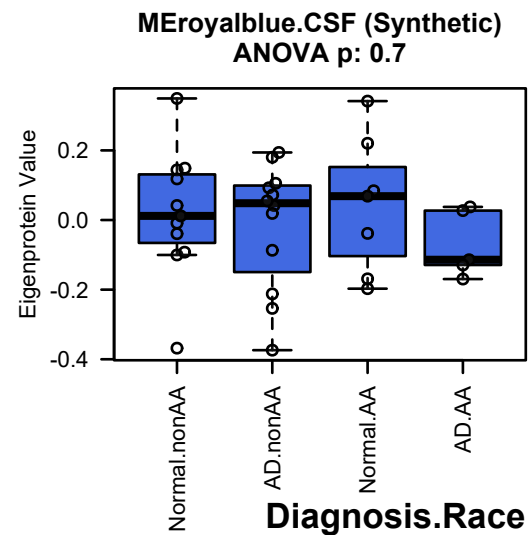
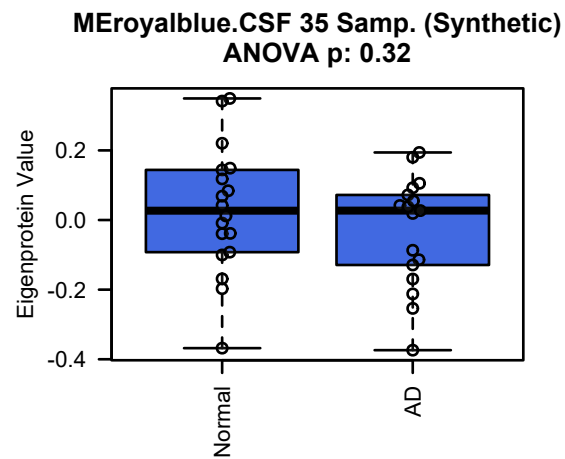
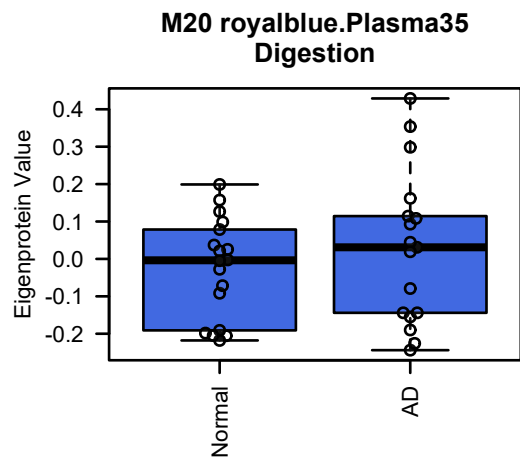


**bicor=0.8, p=5.8e-05
cor=0.81, p=4.6e-05**



**bicor=0.81, p=8.7e-05
cor=0.77, p=3e-04**





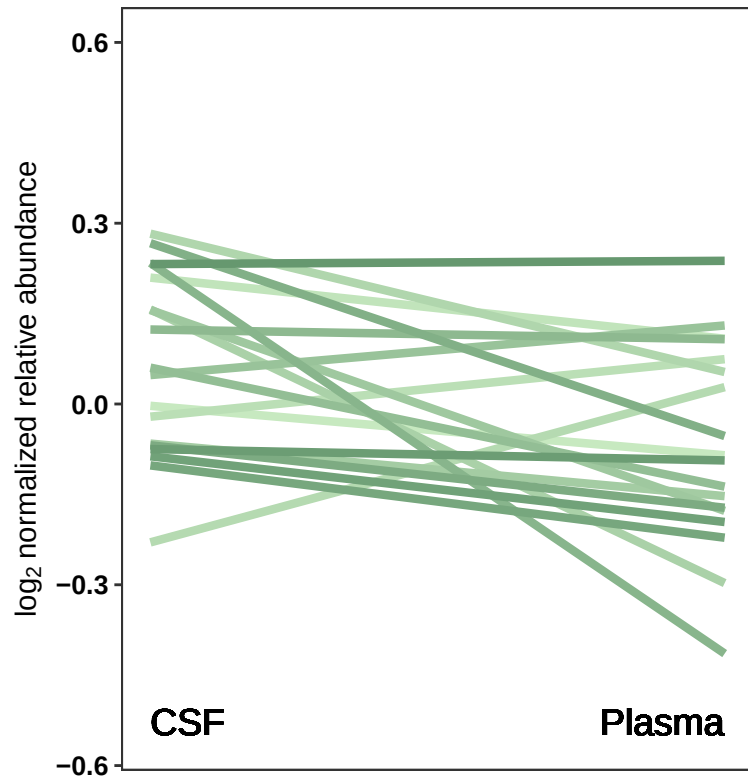
Data Subset:

Plasma 32 of 35 modules as template

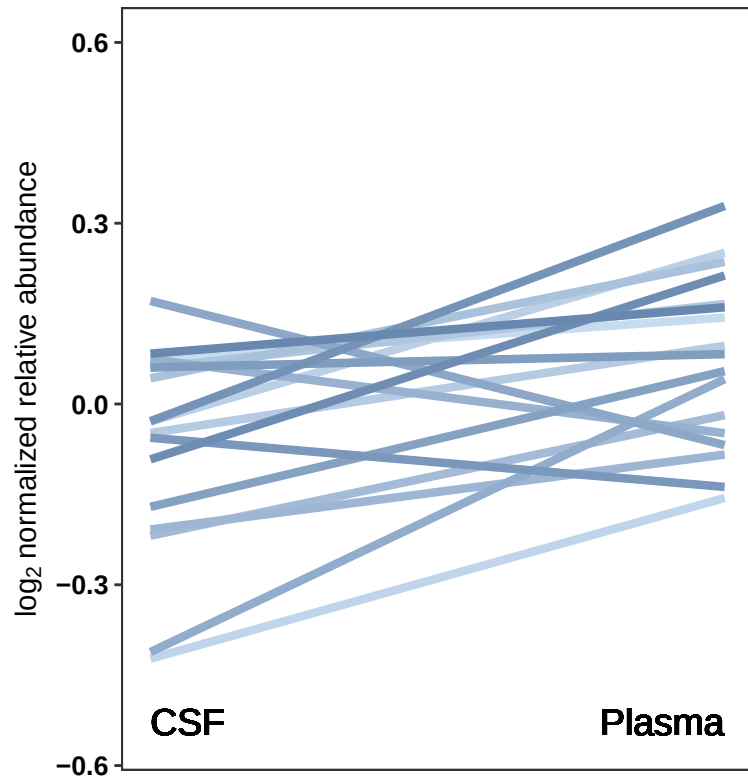
M16 lightcyan: Complement/Protein Activation Cascade

slopeDiff(AD-CT): 0.272

Normal:



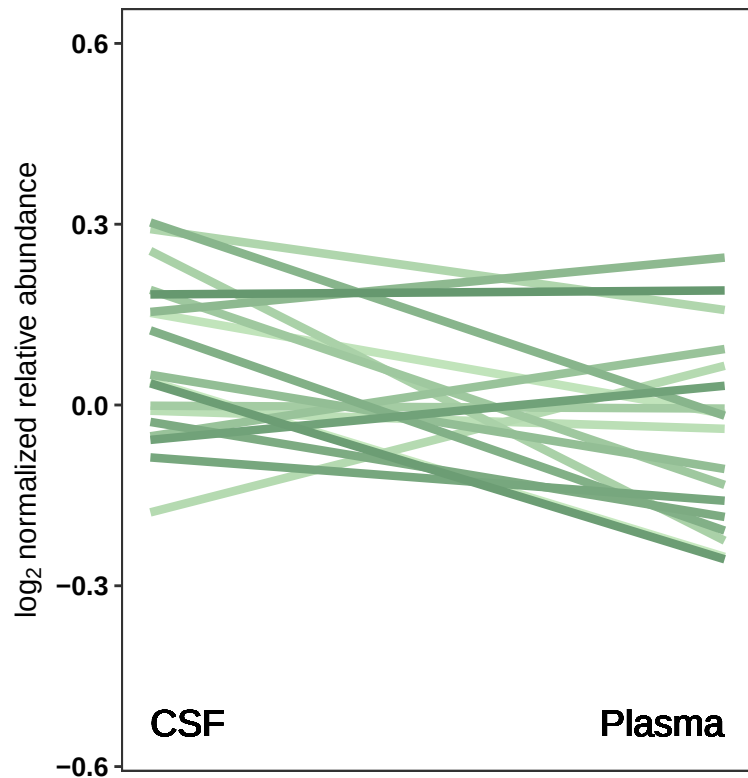
AD:



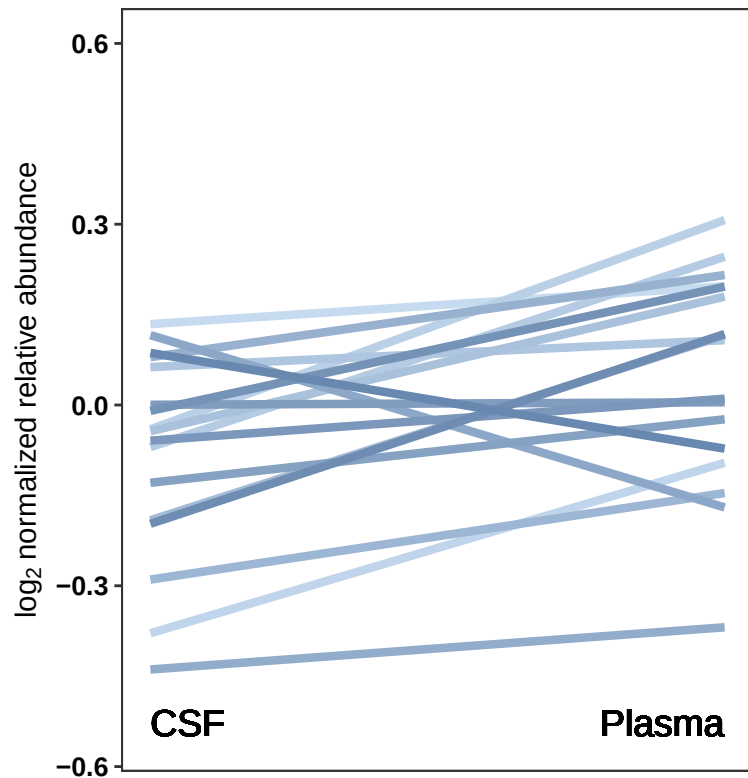
M8 pink: Protein Activation Cascade

slopeDiff(AD-CT): 0.25

Normal:



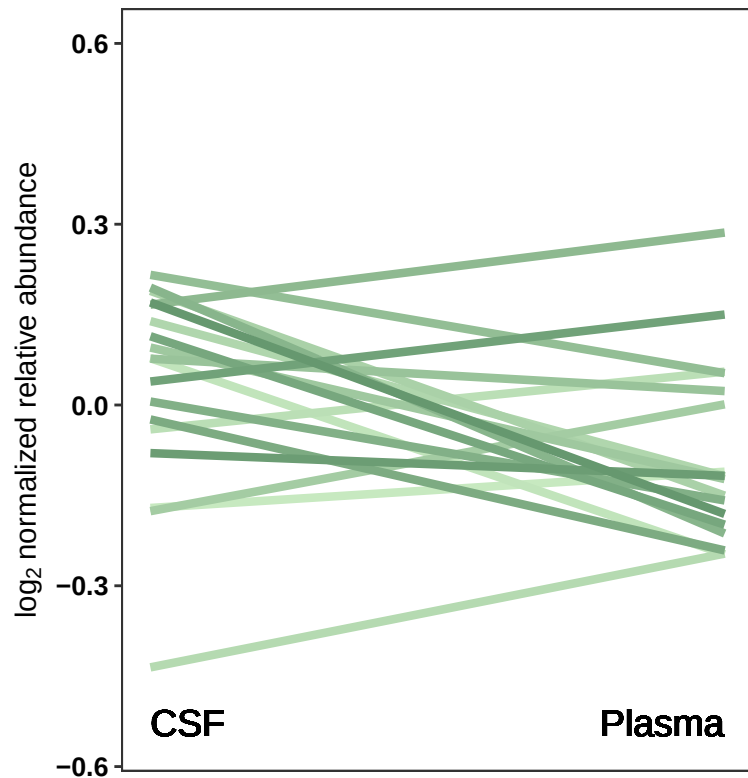
AD:



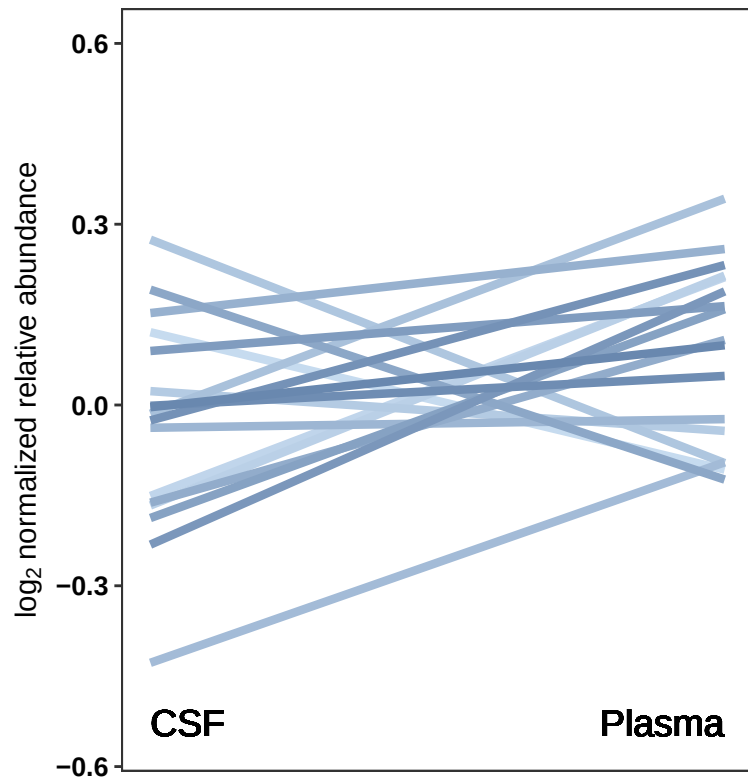
M27 white: Collagen/ECM

slopeDiff(AD-CT): 0.24

Normal:



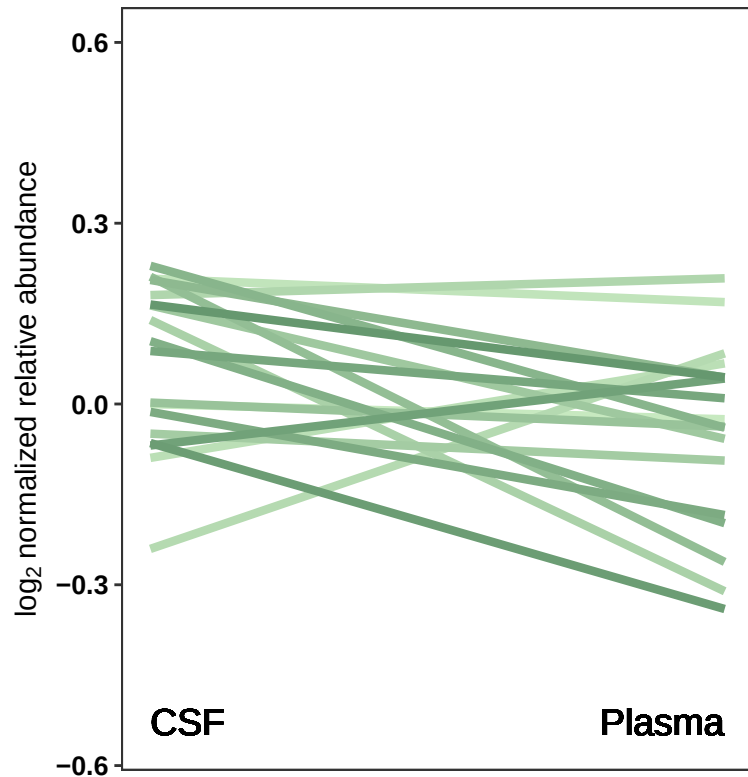
AD:



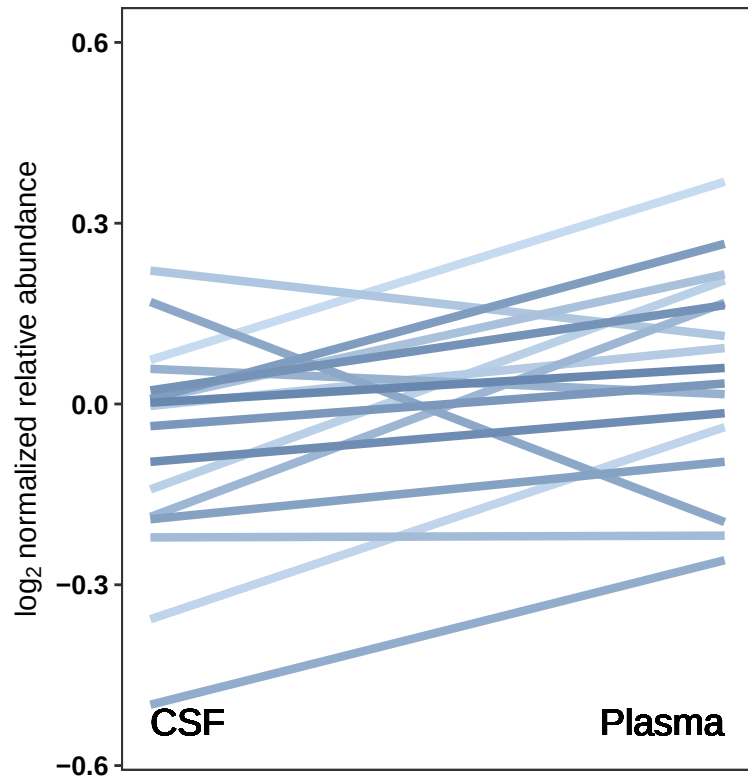
M22 darkgreen: Protein Activation Cascade/Proteolysis

slopeDiff(AD-CT): 0.235

Normal:



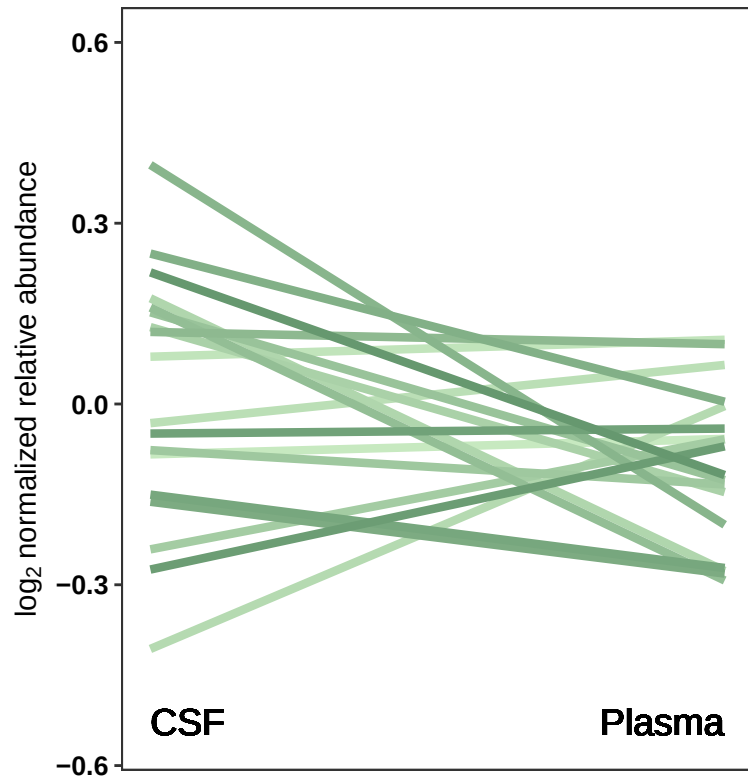
AD:



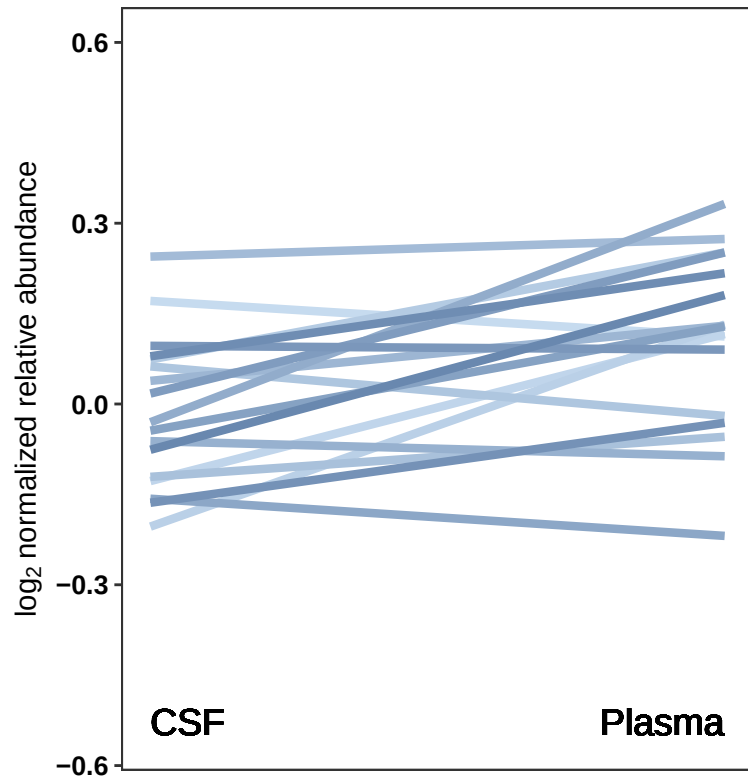
M24 darkgrey: Endocytosis

slopeDiff(AD-CT): 0.229

Normal:



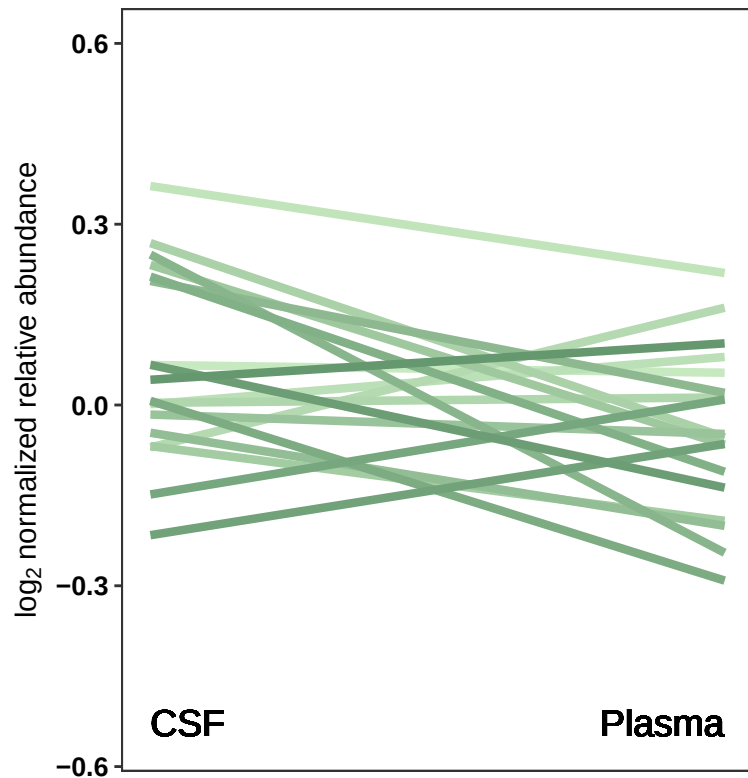
AD:



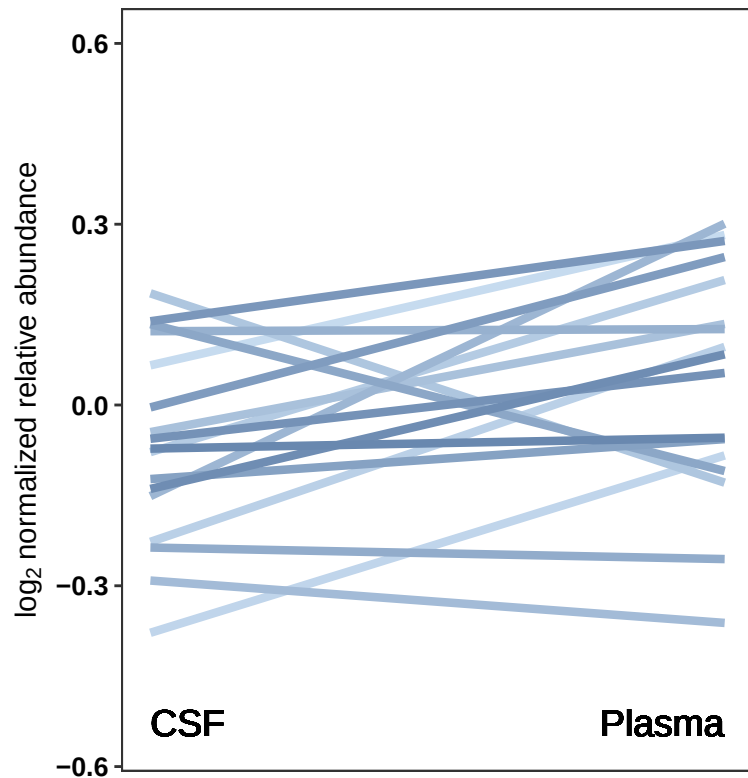
M35 sienna3: Ambiguous

slopeDiff(AD-CT): 0.218

Normal:



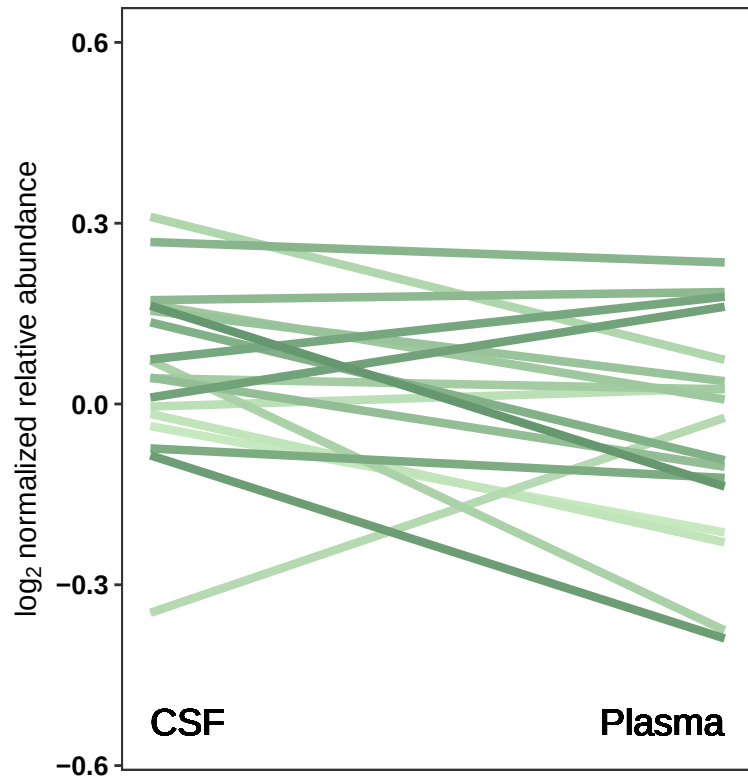
AD:



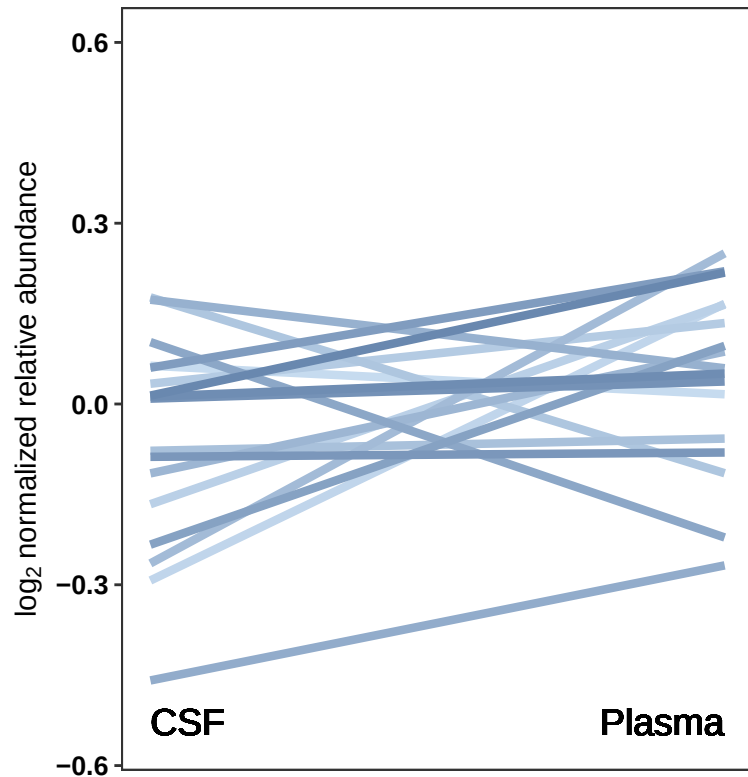
M29 saddlebrown: IGF–Growth/GAG Binding

slopeDiff(AD–CT): 0.207

Normal:



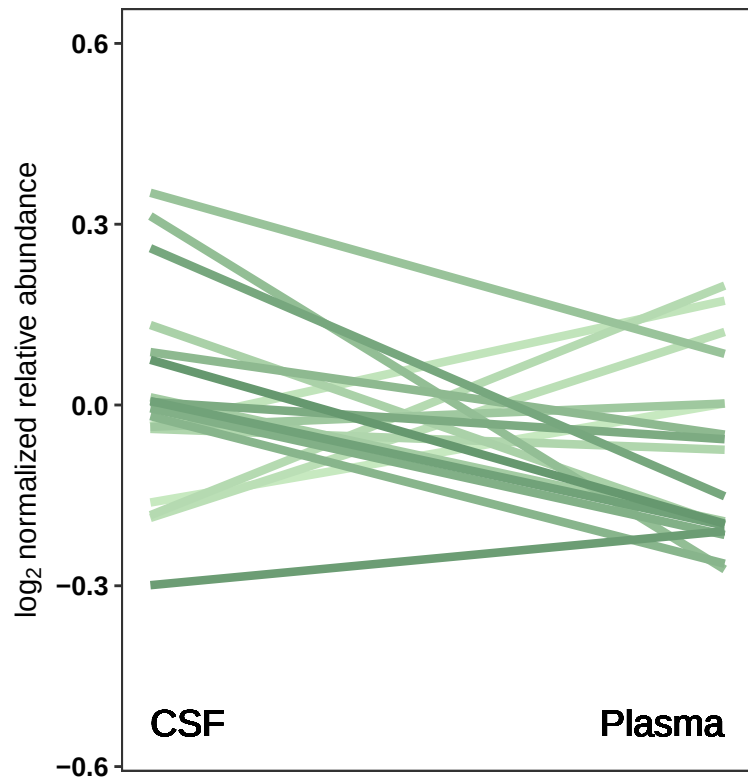
AD:



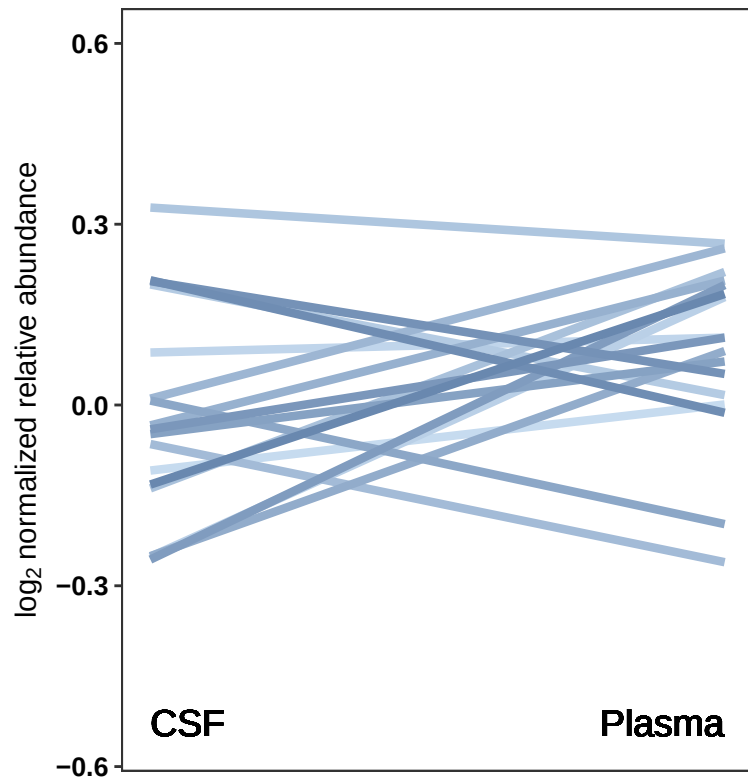
M10 purple: Ambiguous

slopeDiff(AD-CT): 0.204

Normal:



AD:

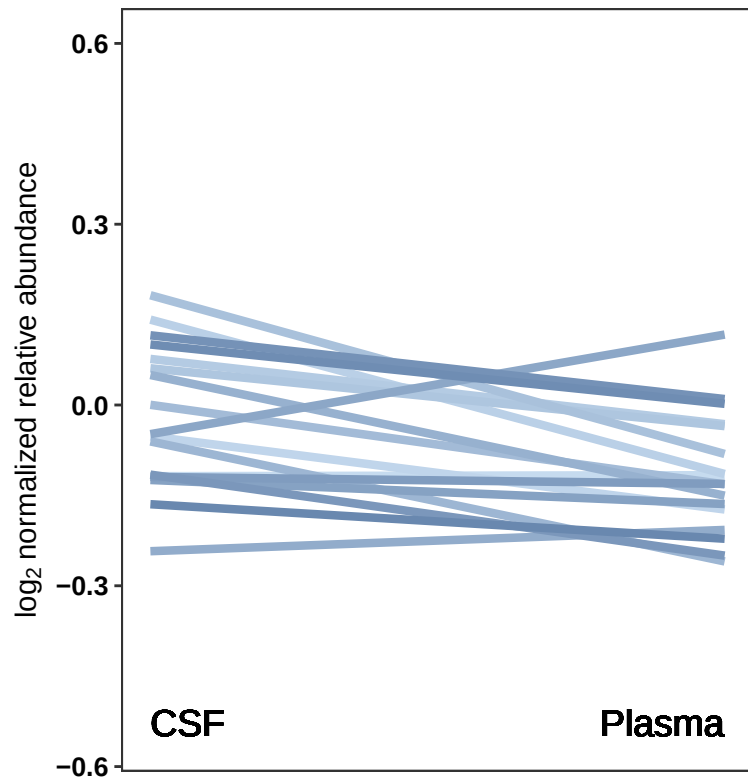
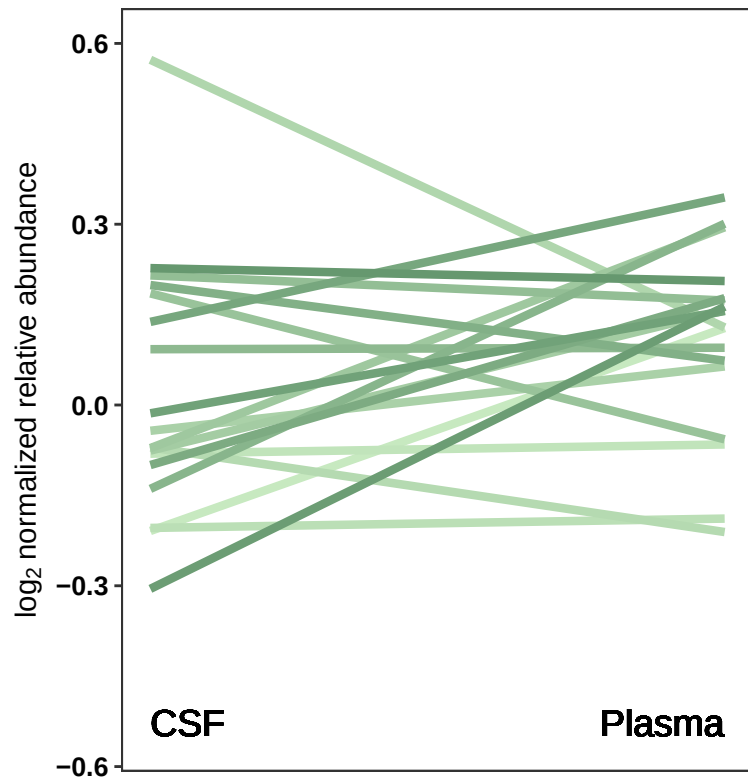


M1 turquoise: Cellular Metabolism/Intracellular Transport

slopeDiff(AD-CT): -0.185

Normal:

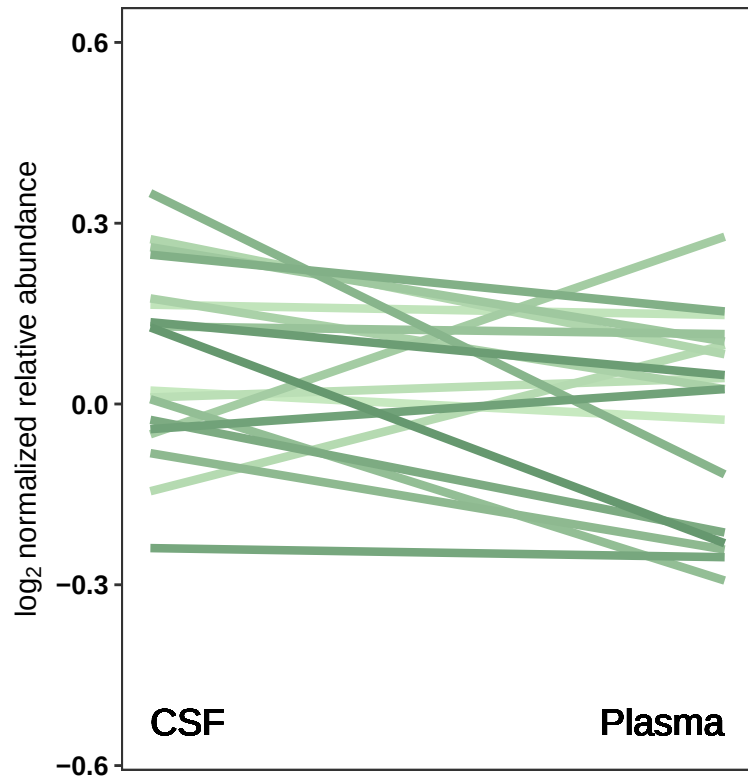
AD:



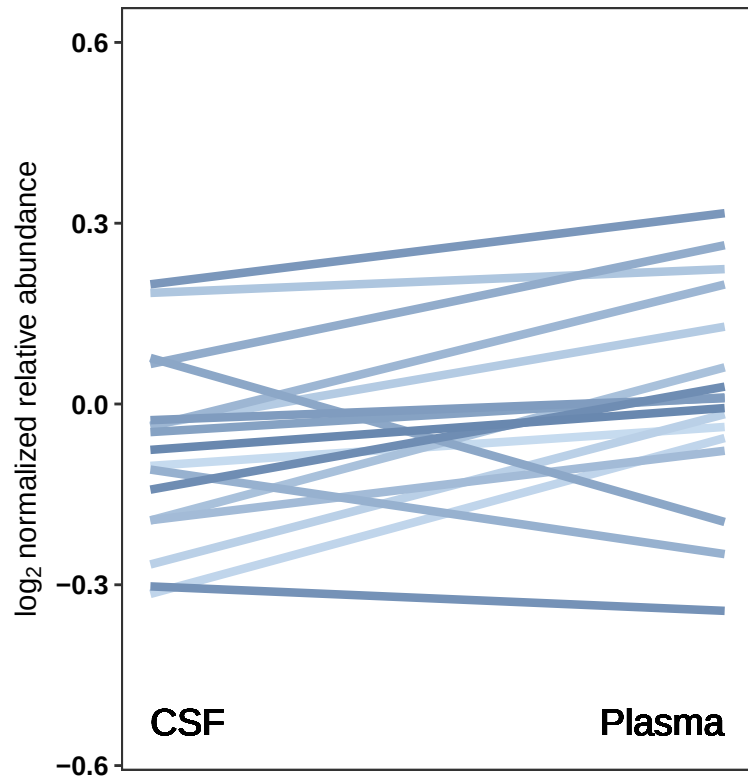
M34 darkmagenta: Carbohydrate Binding

slopeDiff(AD-CT): 0.18

Normal:



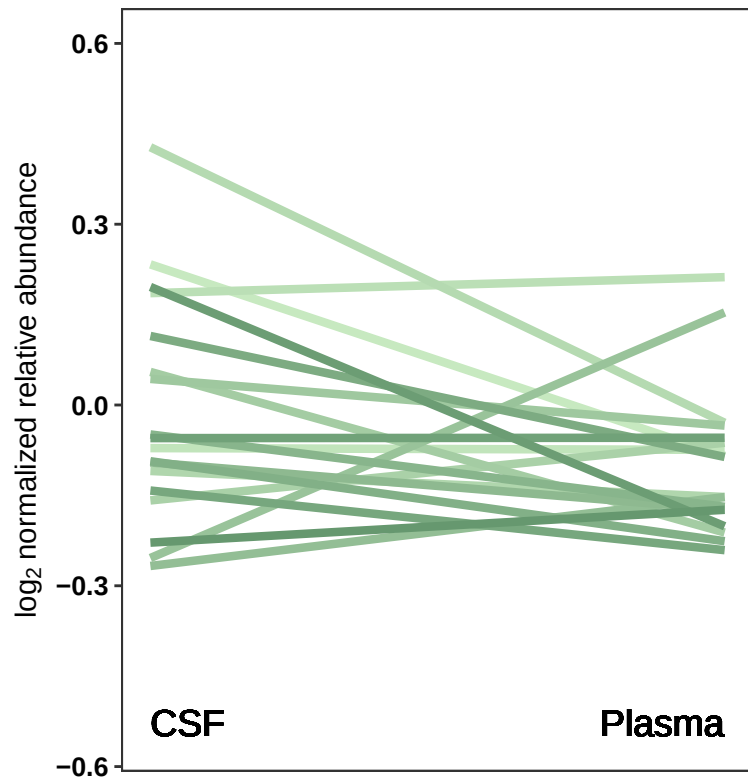
AD:



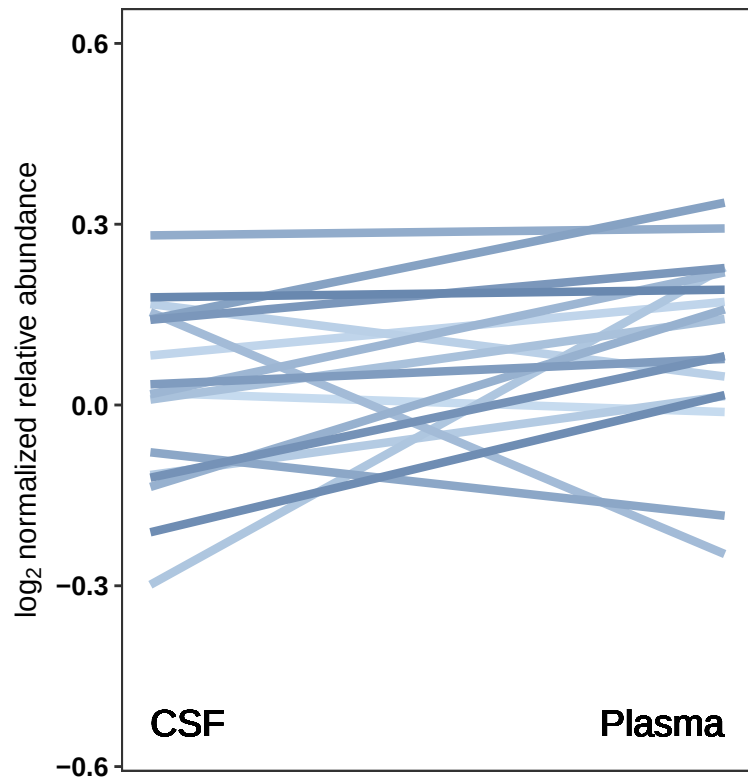
M6 red: Axon Guidance/Nervous System Dev

slopeDiff(AD-CT): 0.171

Normal:



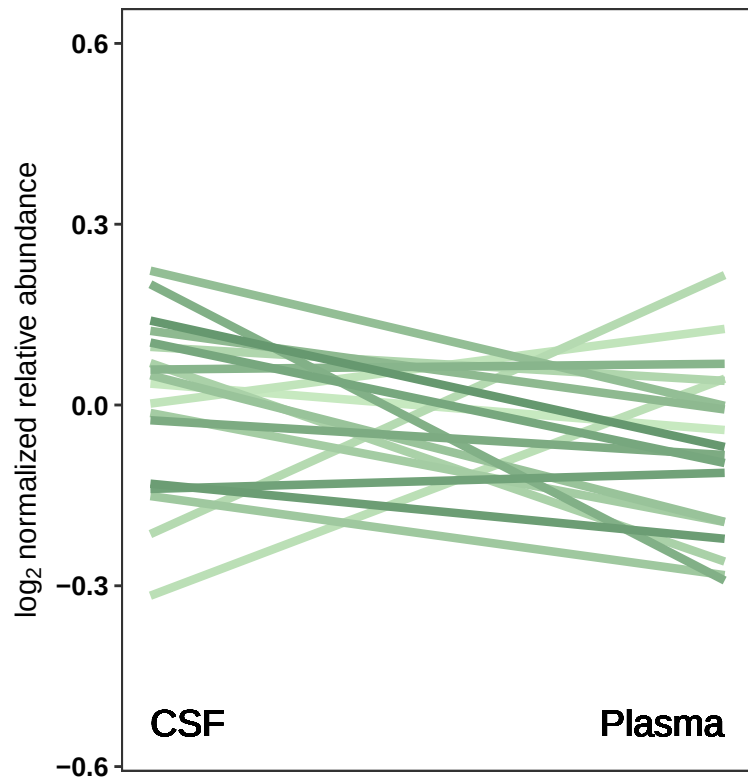
AD:



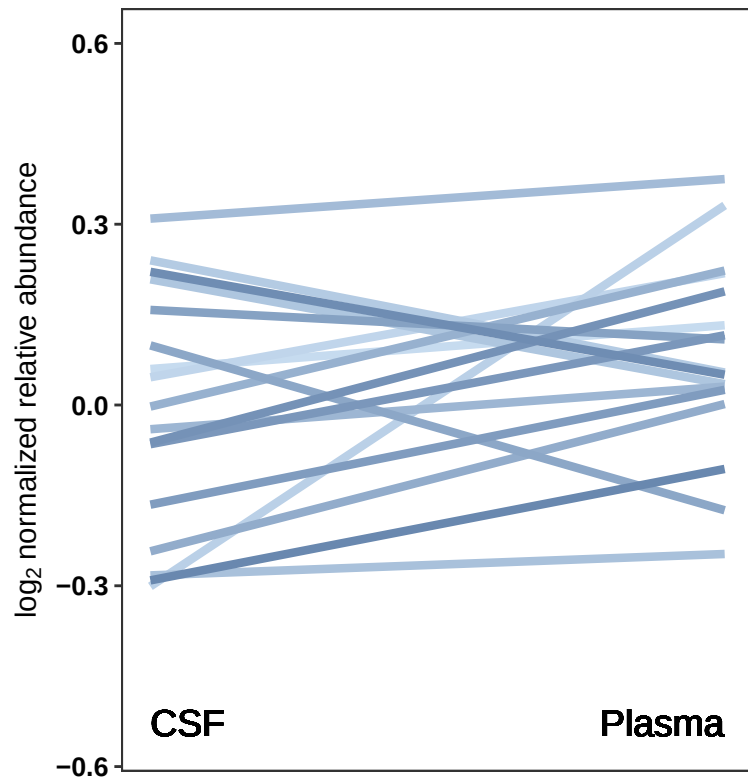
M28 skyblue: Complement/Humoral Immune Response

slopeDiff(AD-CT): 0.169

Normal:



AD:

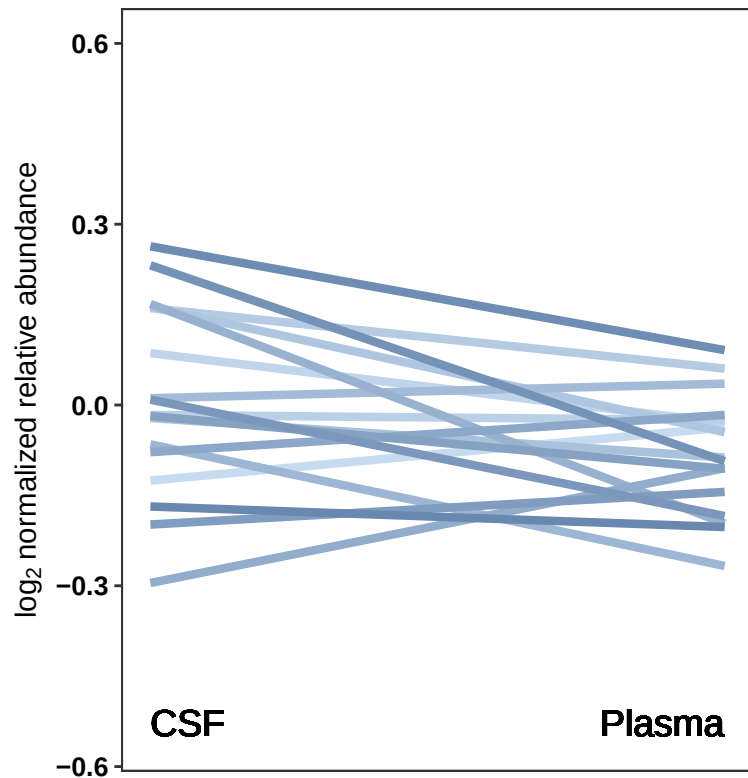
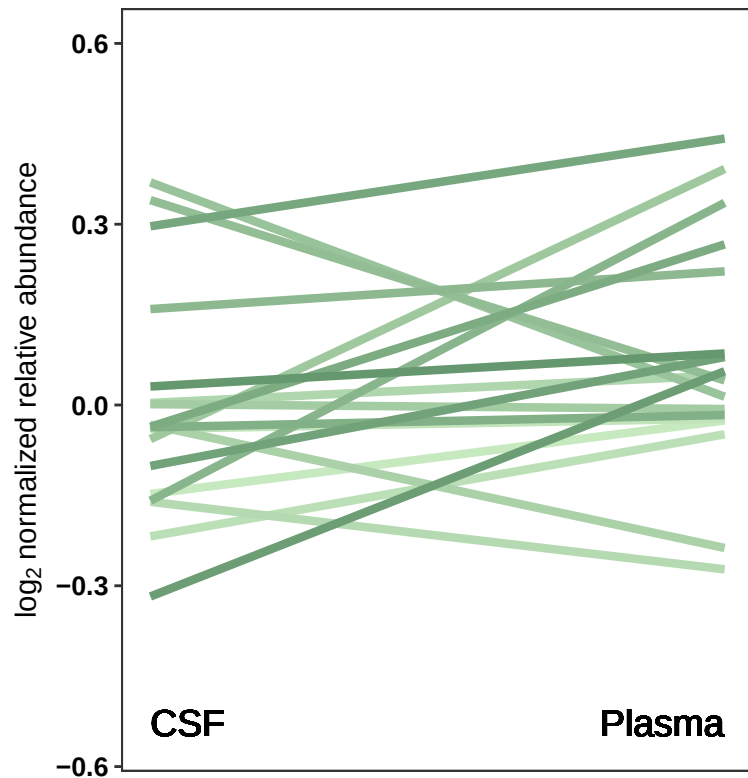


M2 blue: Ambiguous

slopeDiff(AD-CT): -0.167

Normal:

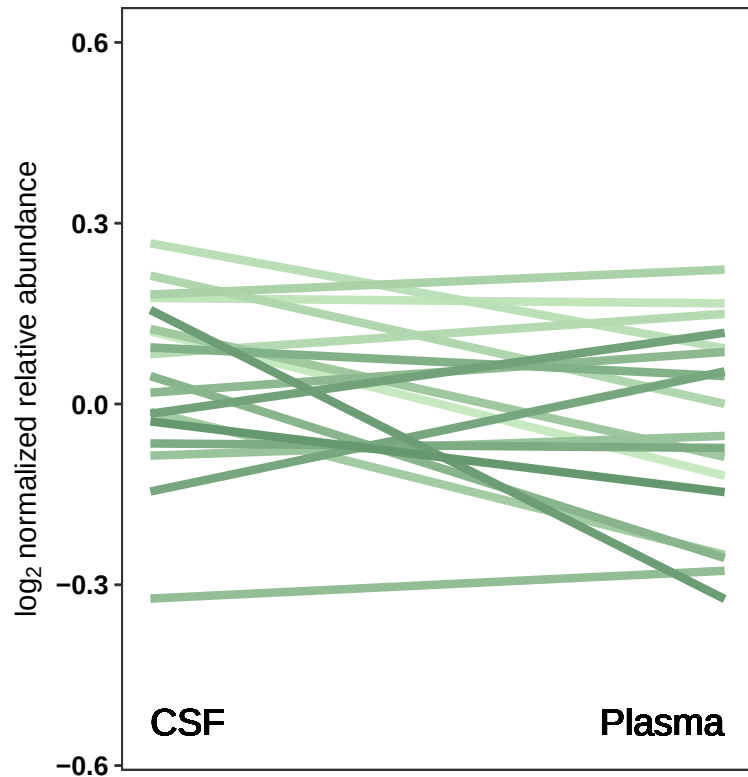
AD:



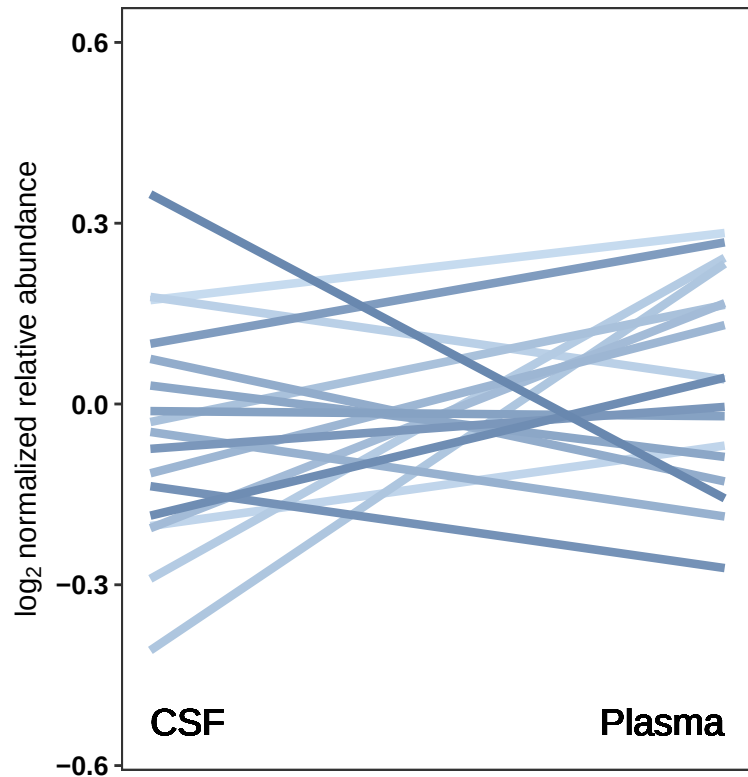
M32 violet: Lipoprotein Metabolism

slopeDiff(AD-CT): 0.166

Normal:



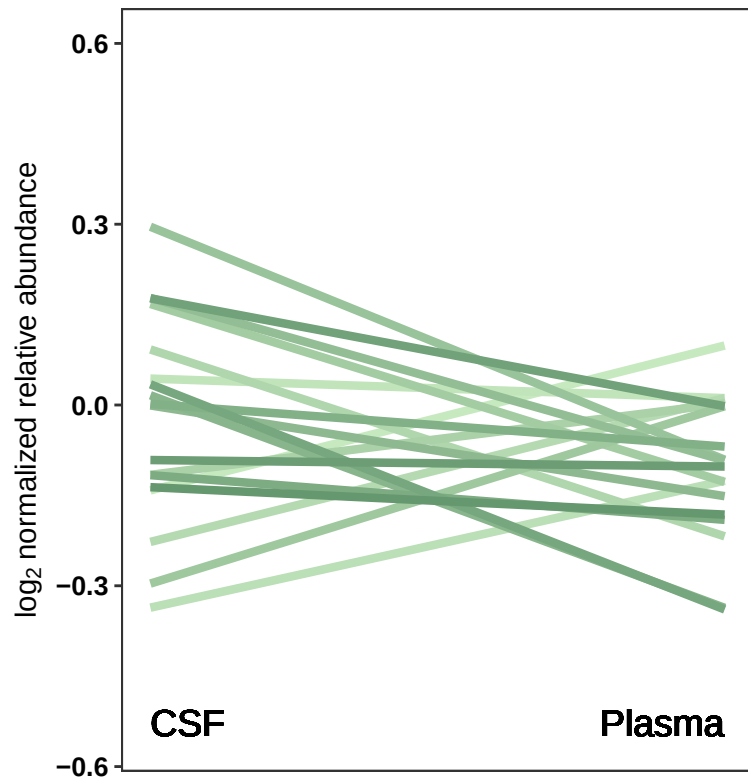
AD:



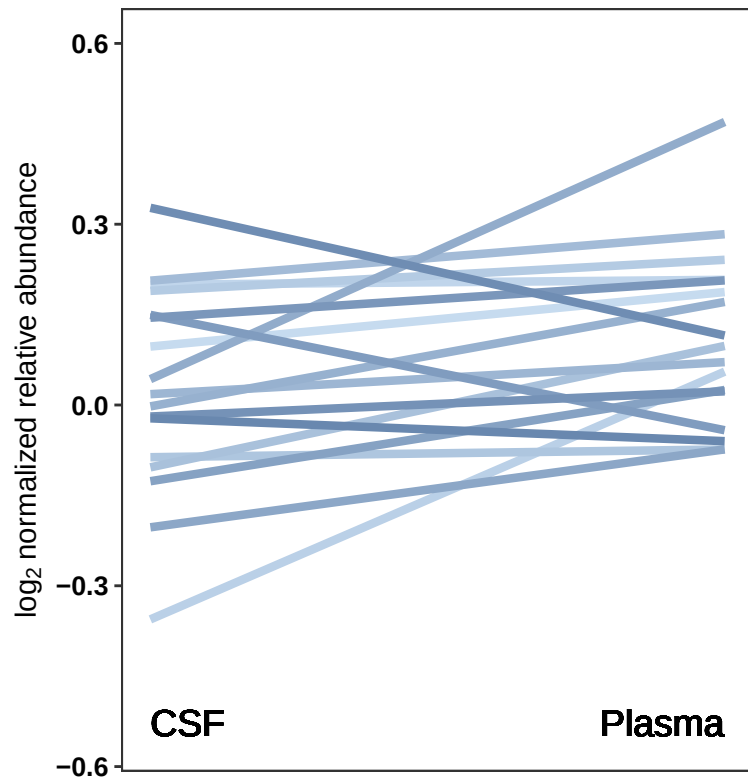
M33 darkolivegreen: Adhesion/ECM/Wound Response

slopeDiff(AD-CT): 0.166

Normal:



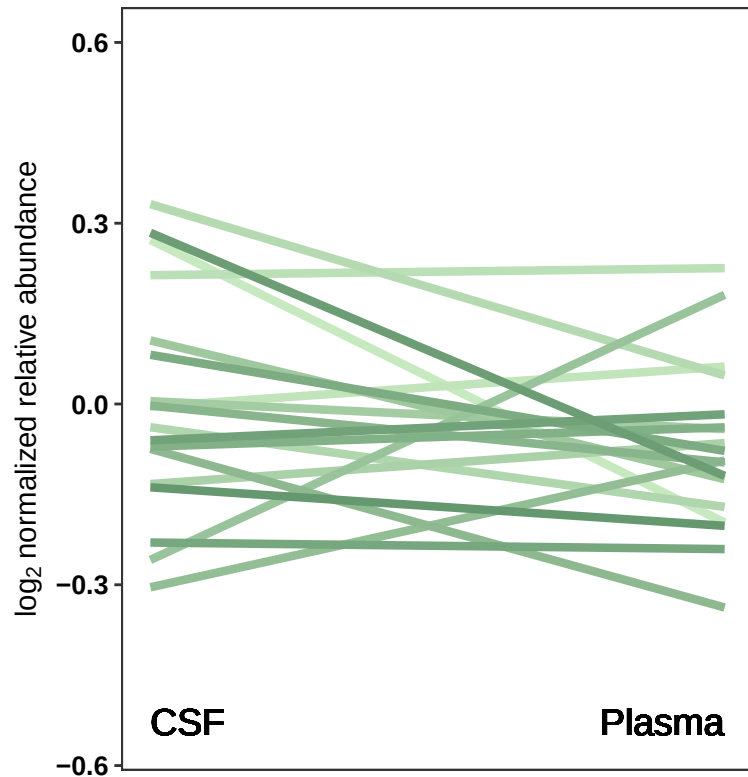
AD:



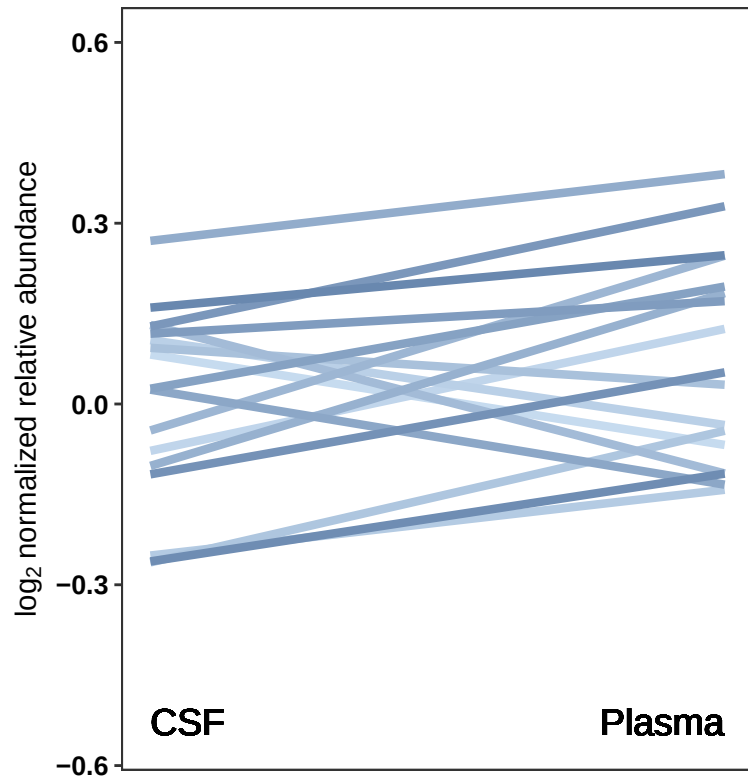
M18 lightgreen: Cellular Adhesion/ECM Organization

slopeDiff(AD-CT): 0.147

Normal:



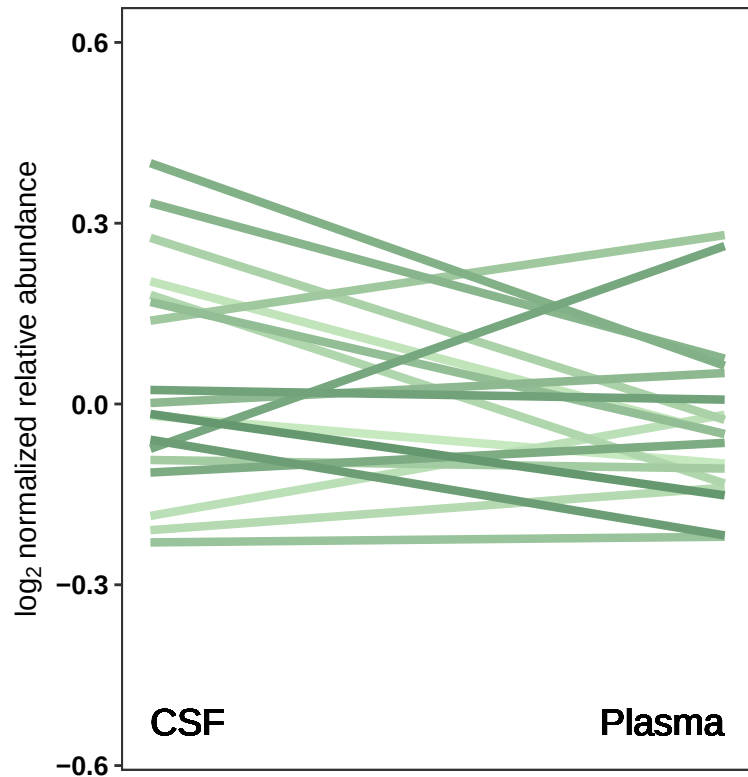
AD:



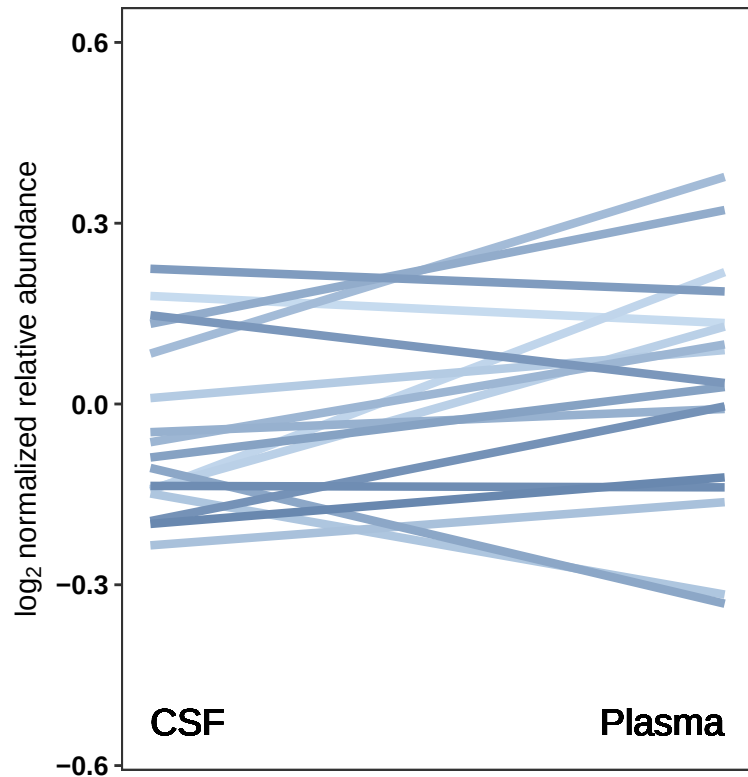
M14 cyan: Innate Immune Response

slopeDiff(AD-CT): 0.144

Normal:



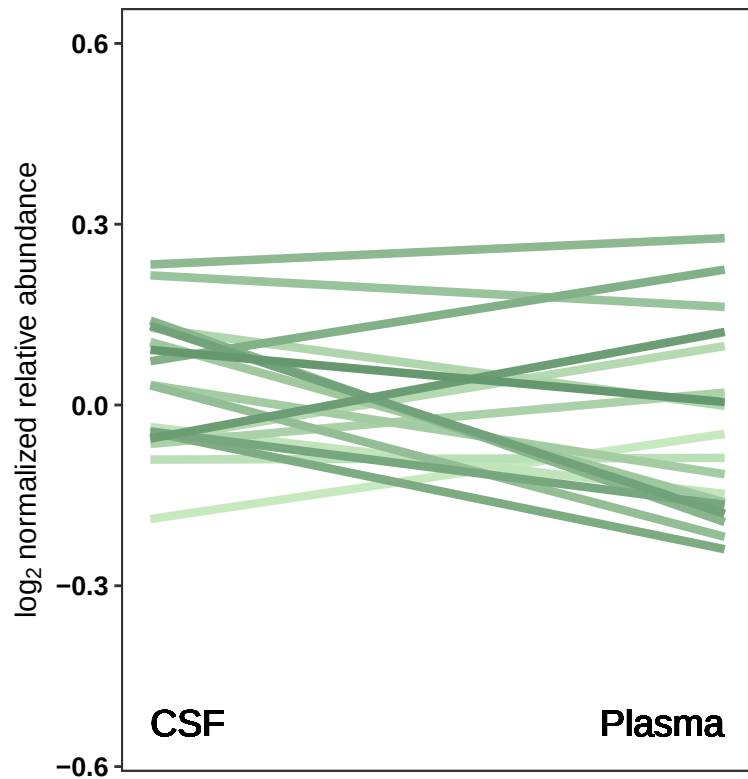
AD:



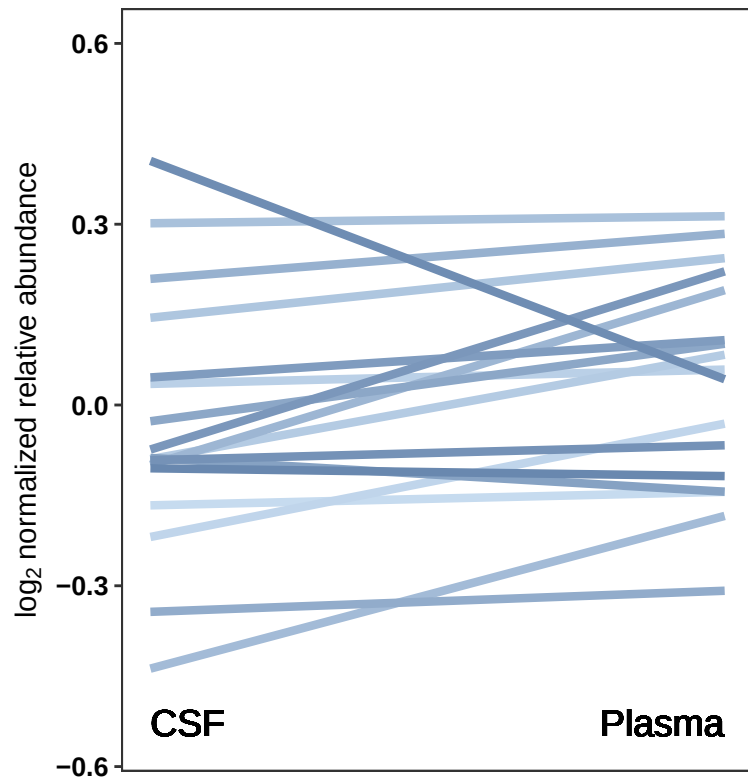
M25 orange: Lysosome

slopeDiff(AD-CT): 0.143

Normal:



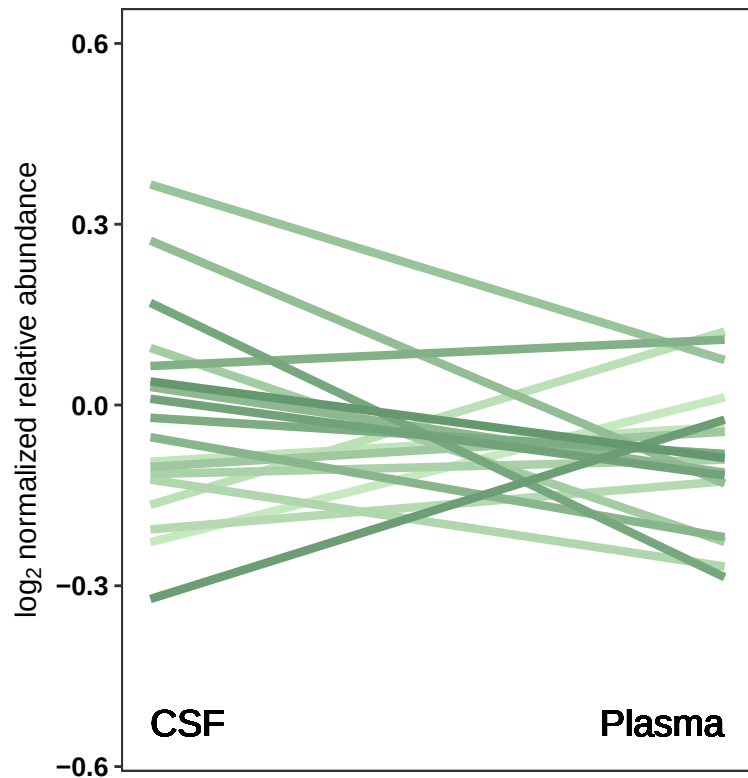
AD:



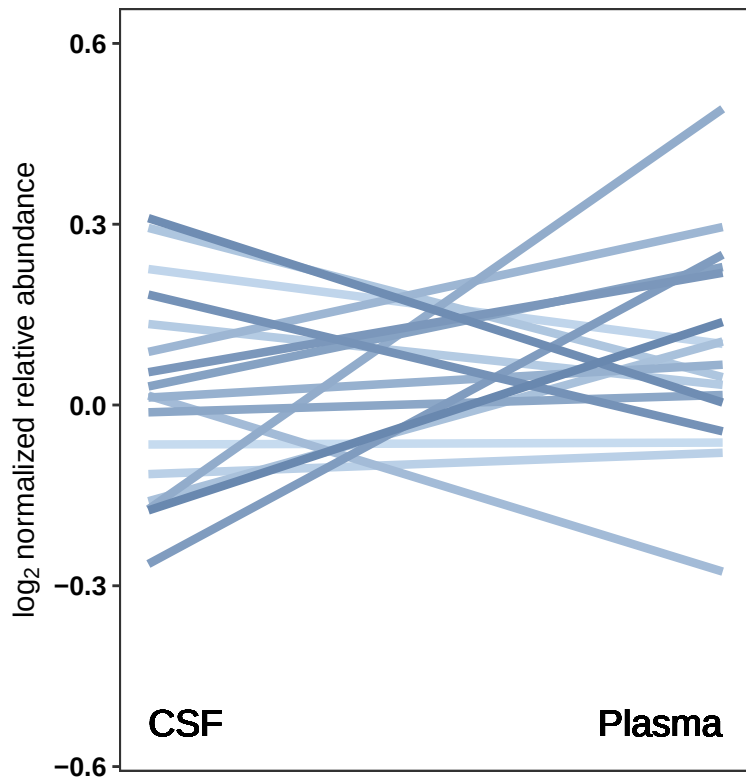
M12 tan: Matrisome

slopeDiff(AD-CT): 0.132

Normal:



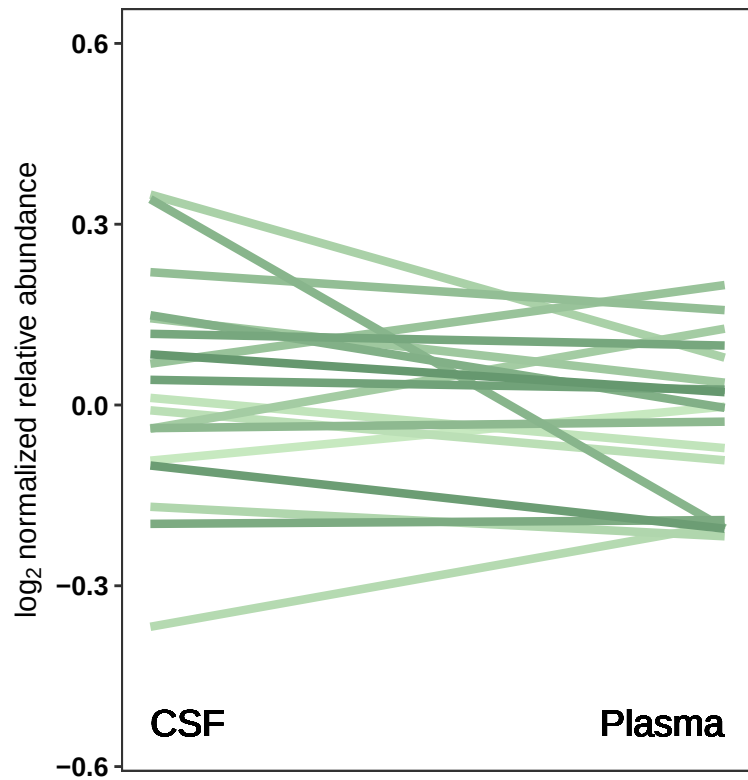
AD:



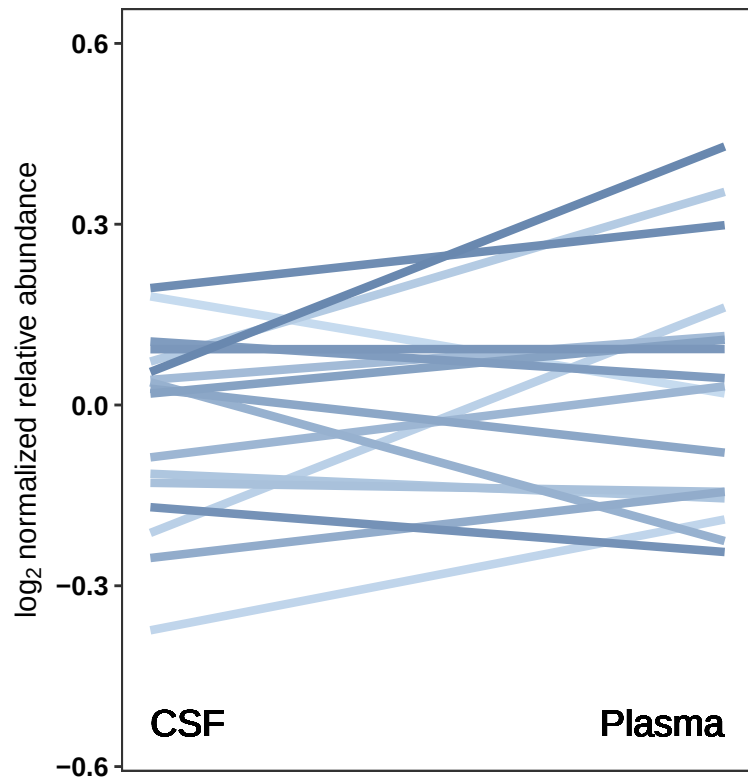
M20 royalblue: Digestion

slopeDiff(AD-CT): 0.113

Normal:



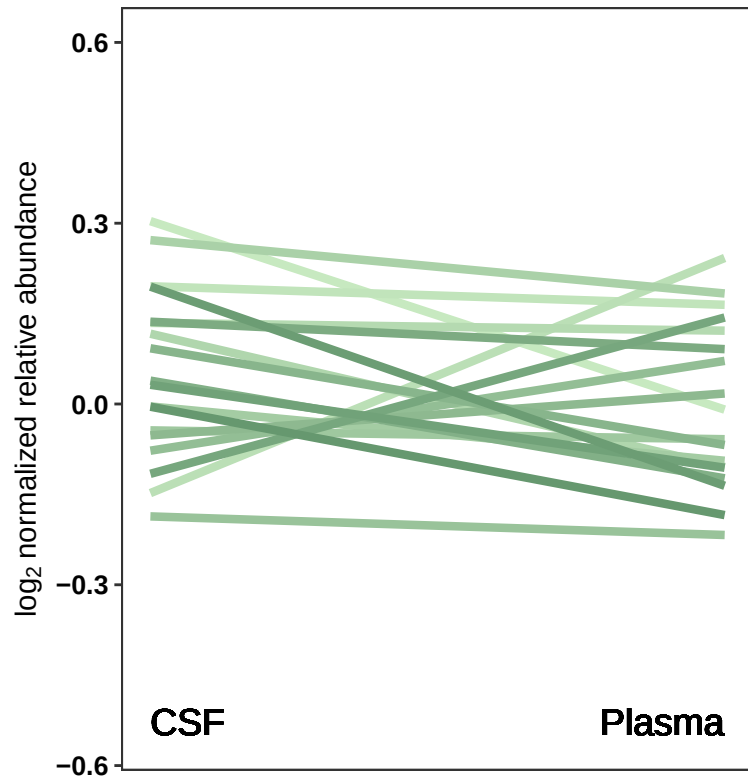
AD:



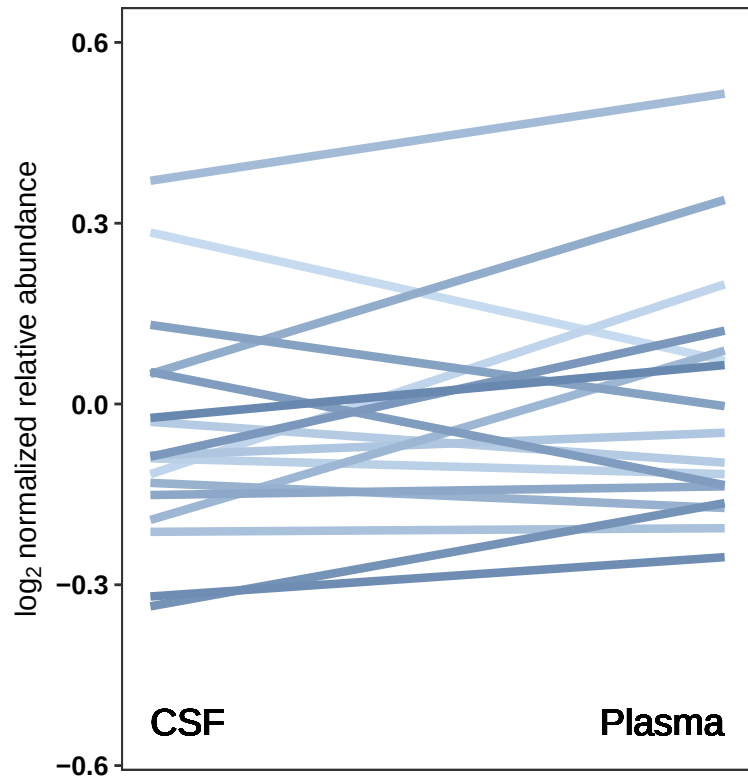
M19 lightyellow: Leukocyte Activation

slopeDiff(AD-CT): 0.109

Normal:



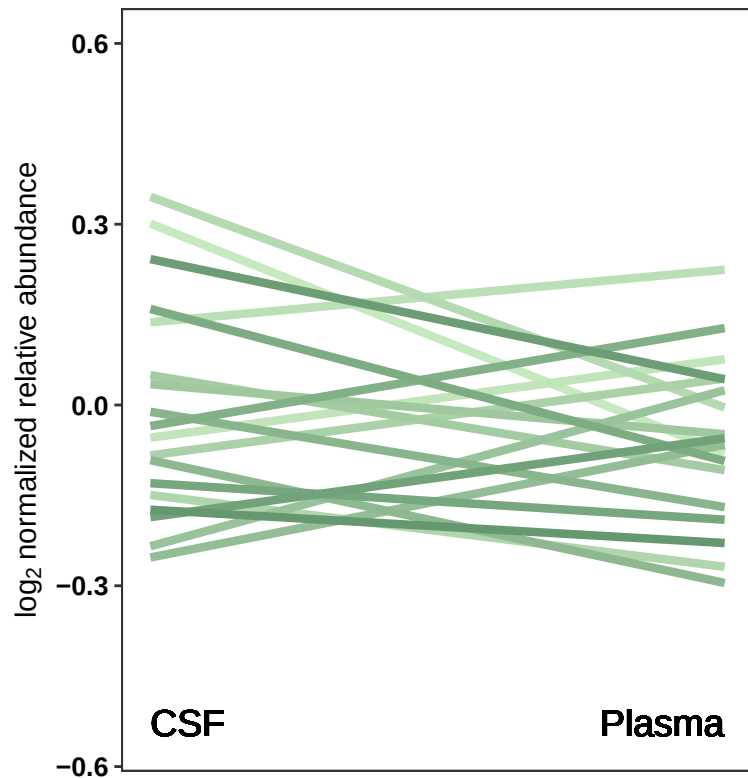
AD:



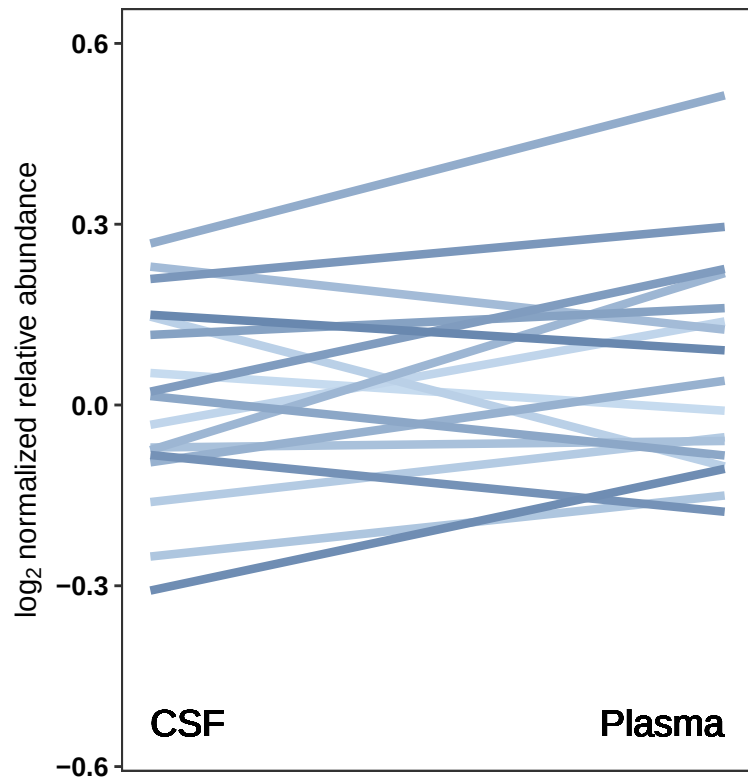
M5 green: ECM/IGF-PDGF Binding

slopeDiff(AD-CT): 0.107

Normal:



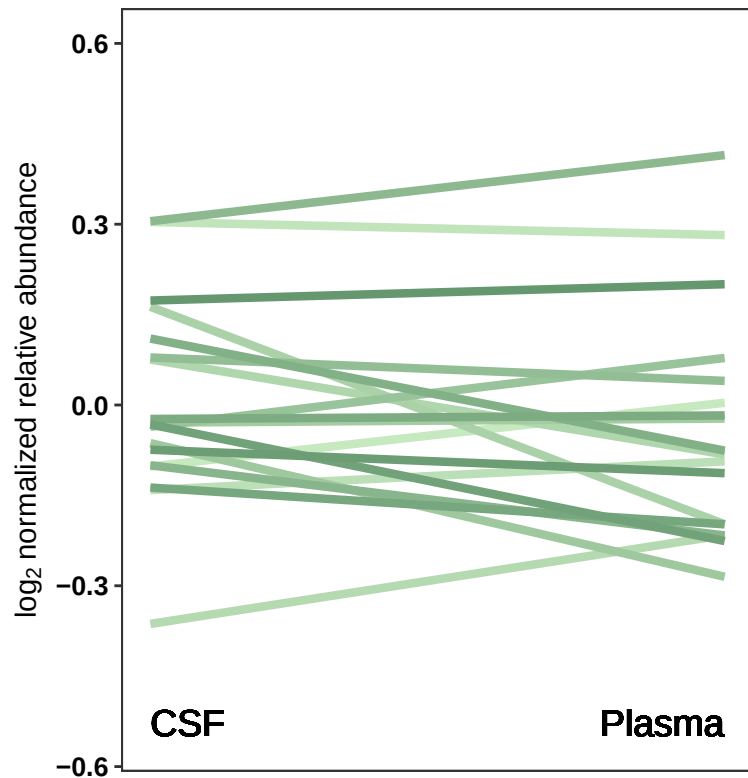
AD:



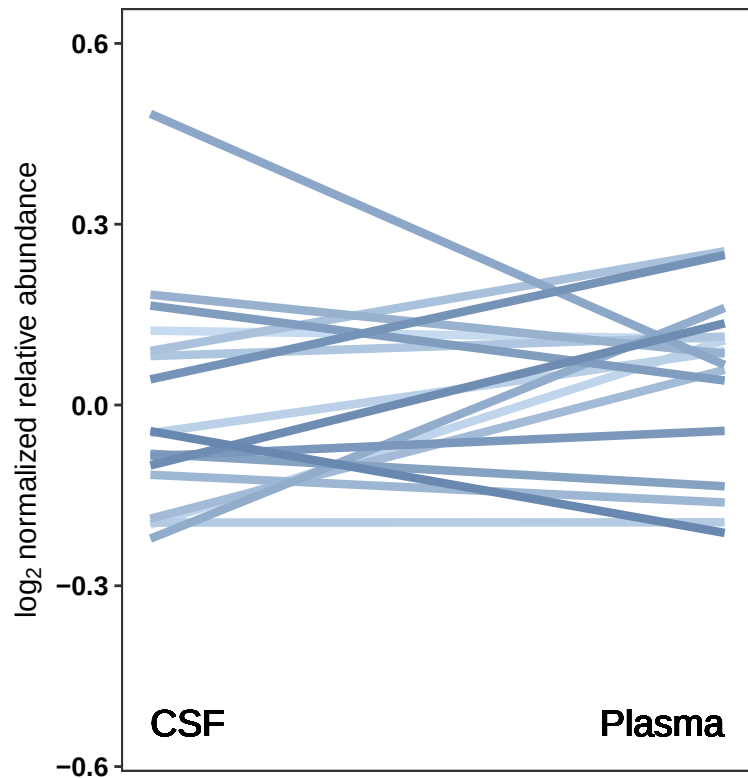
M11 greenyellow: Immunoglobulins/Coagulation Cascade

slopeDiff(AD-CT): 0.0952

Normal:



AD:

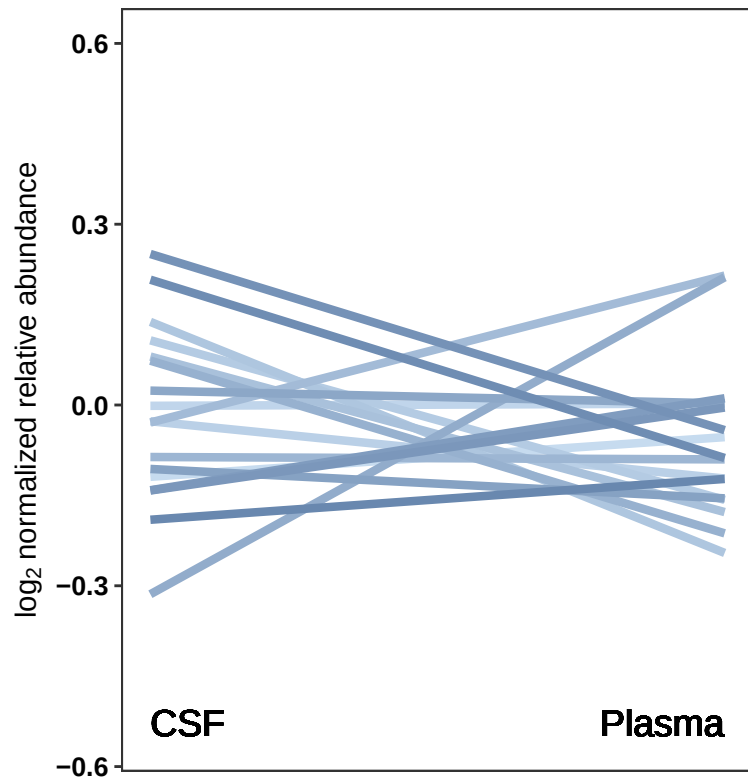
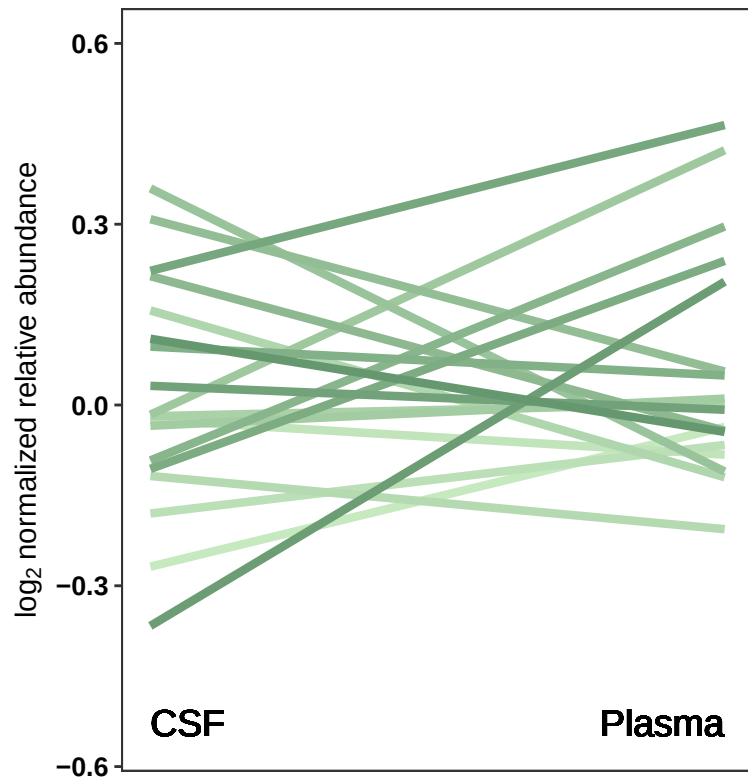


M9 magenta: Leukocyte Chemotaxis

slopeDiff(AD-CT): -0.0861

Normal:

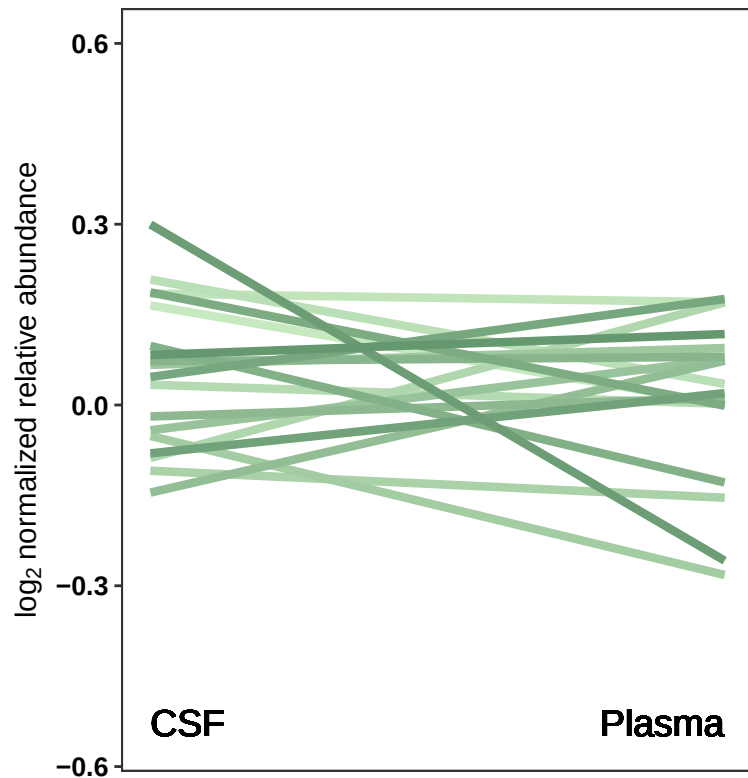
AD:



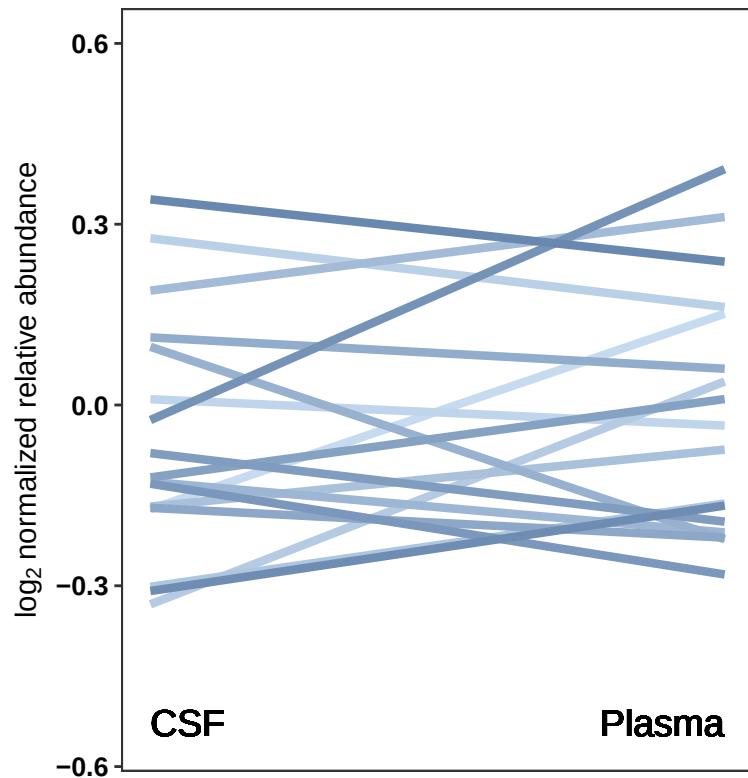
M15 midnightblue: Lipid Biosynthesis/Immune Response

slopeDiff(AD-CT): 0.0808

Normal:



AD:

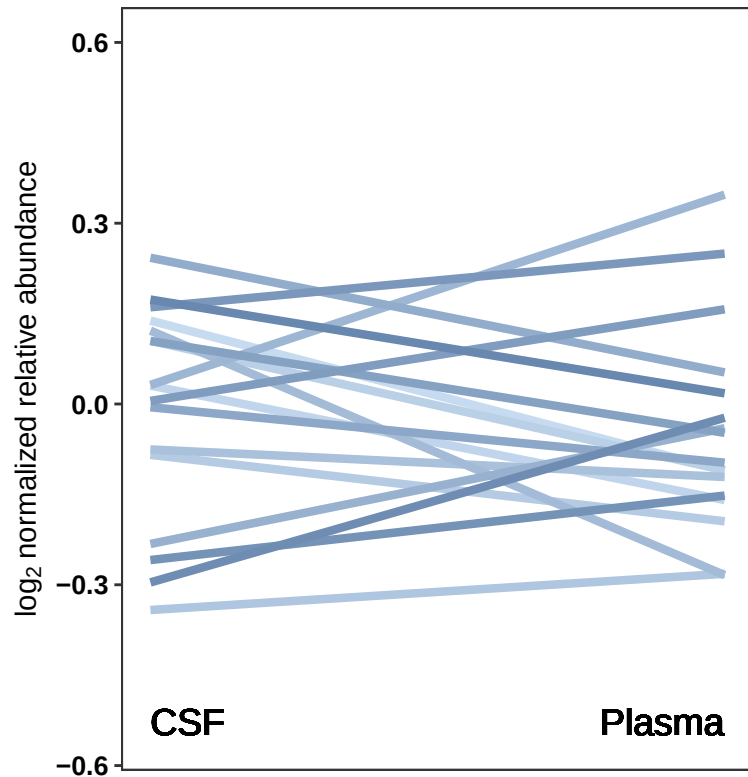
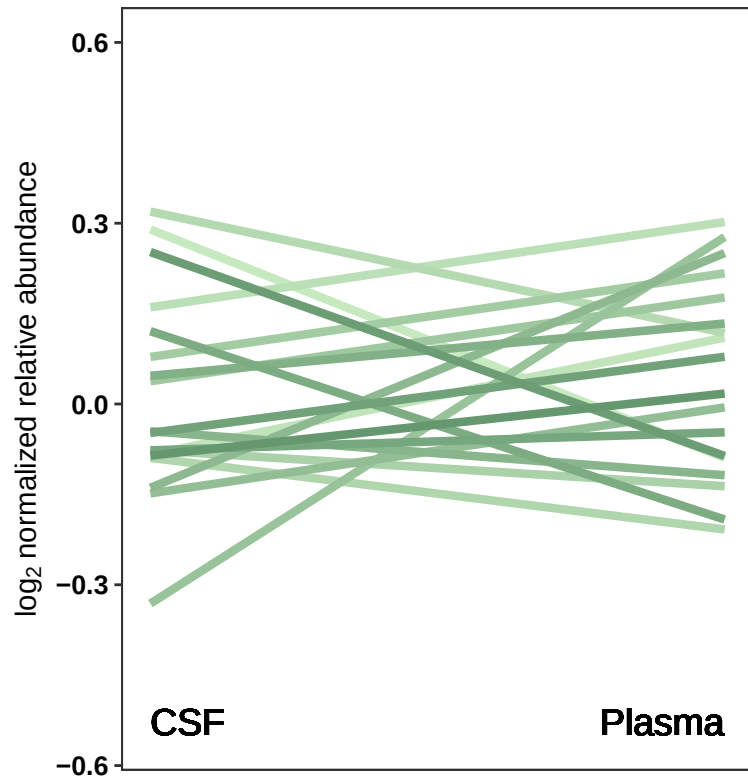


M17 grey60: Glycosylation

slopeDiff(AD-CT): -0.0706

Normal:

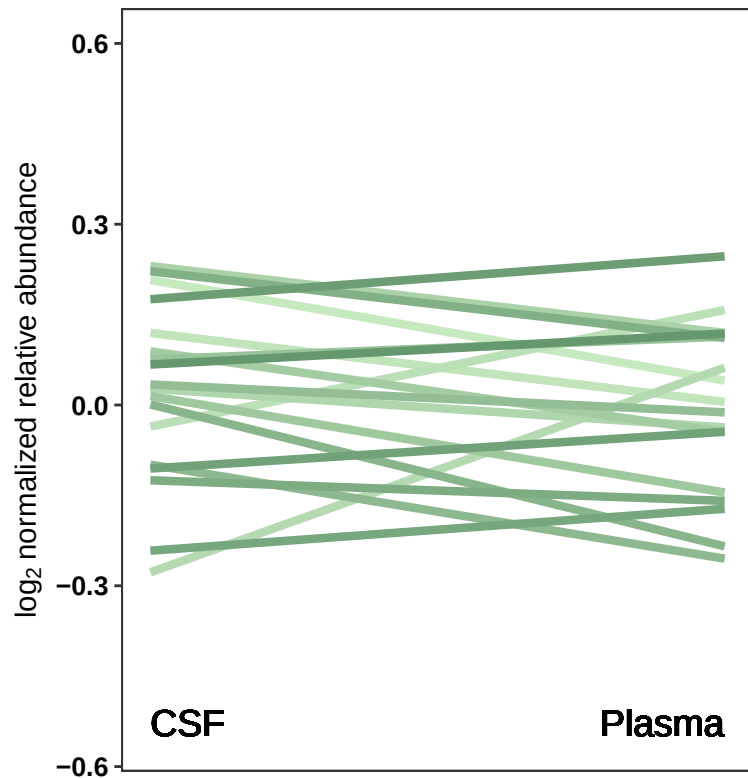
AD:



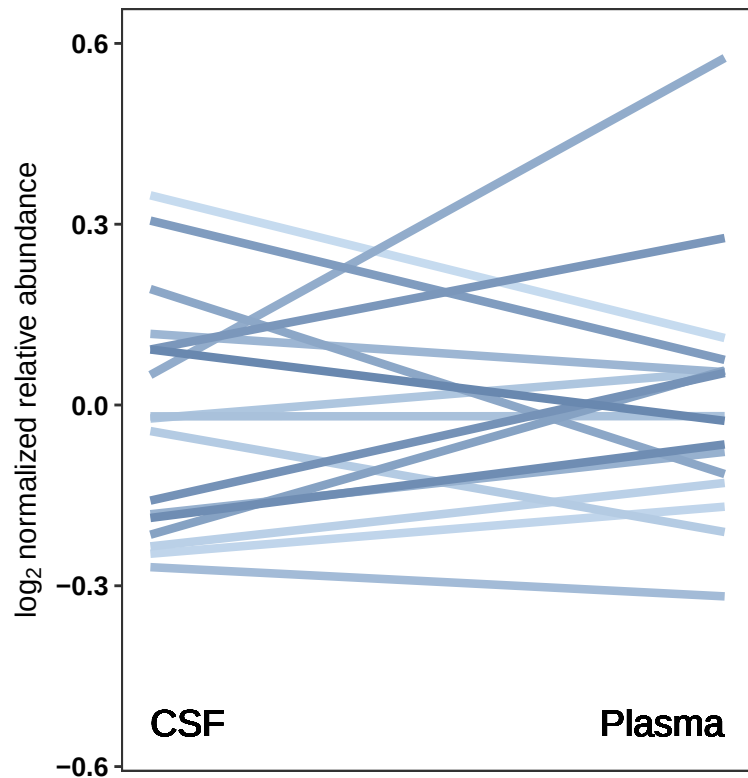
M23 darkturquoise: Carbohydrate Binding/ECM

slopeDiff(AD-CT): 0.0583

Normal:



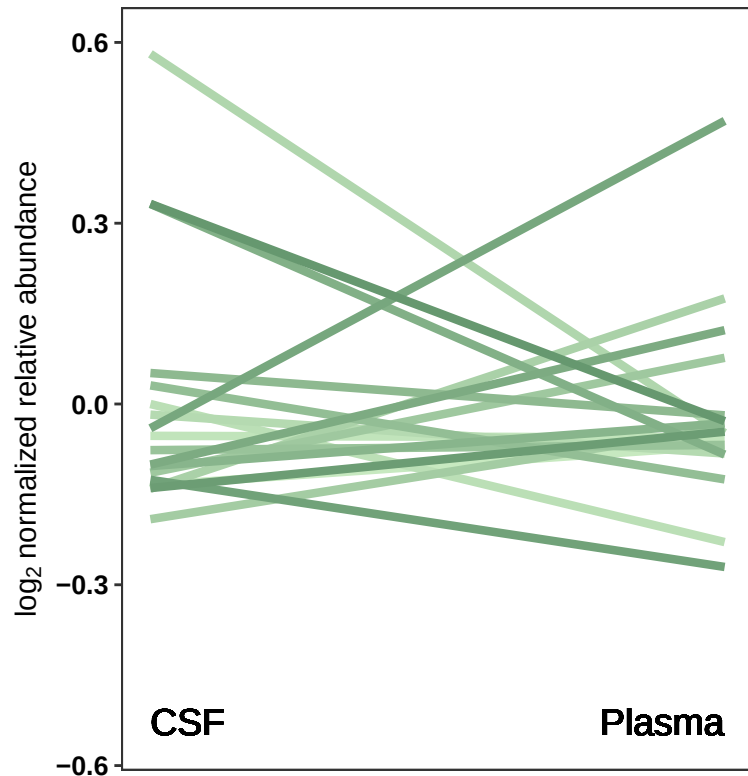
AD:



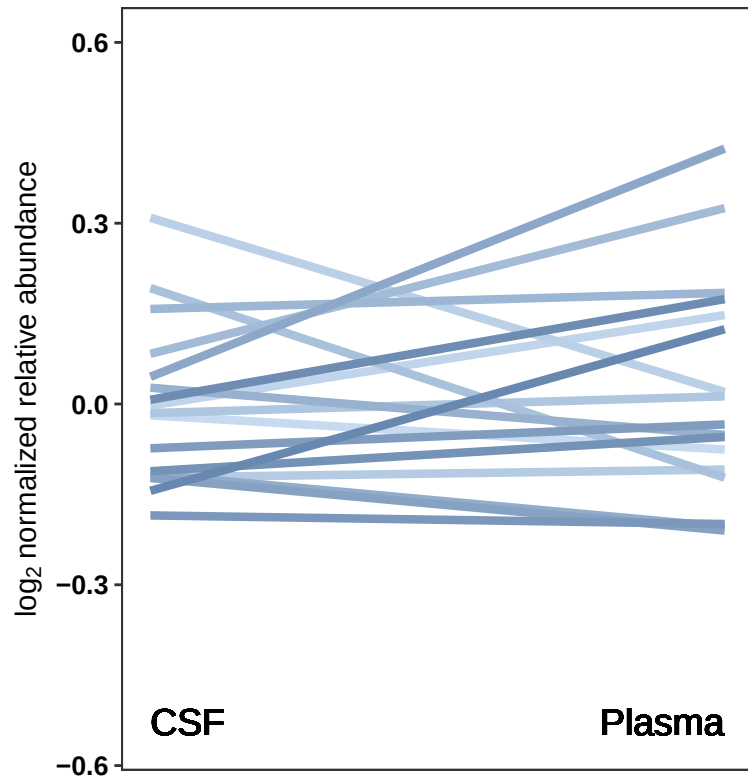
M26 darkorange: Bicarbonate Transport/Peroxidase

slopeDiff(AD-CT): 0.0507

Normal:



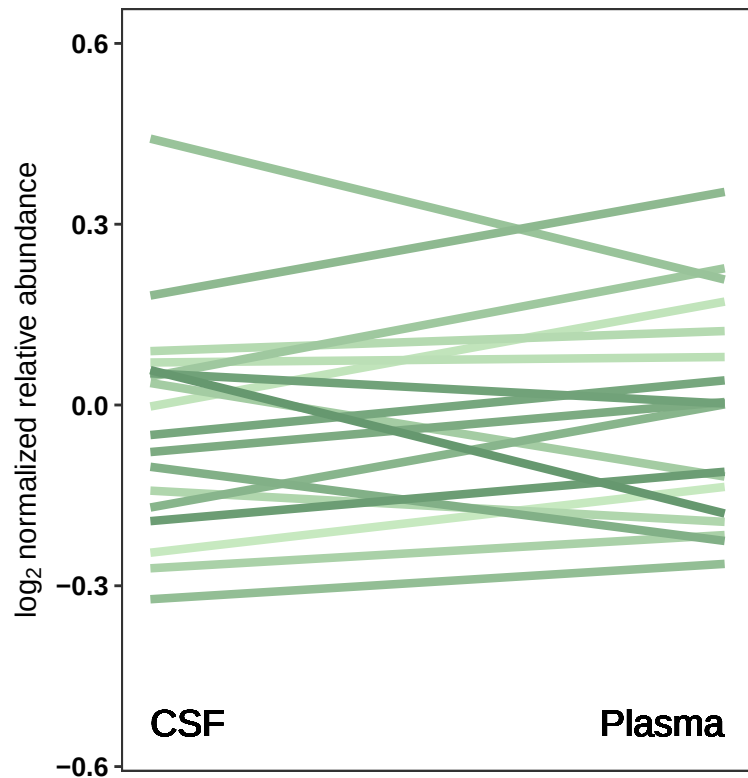
AD:



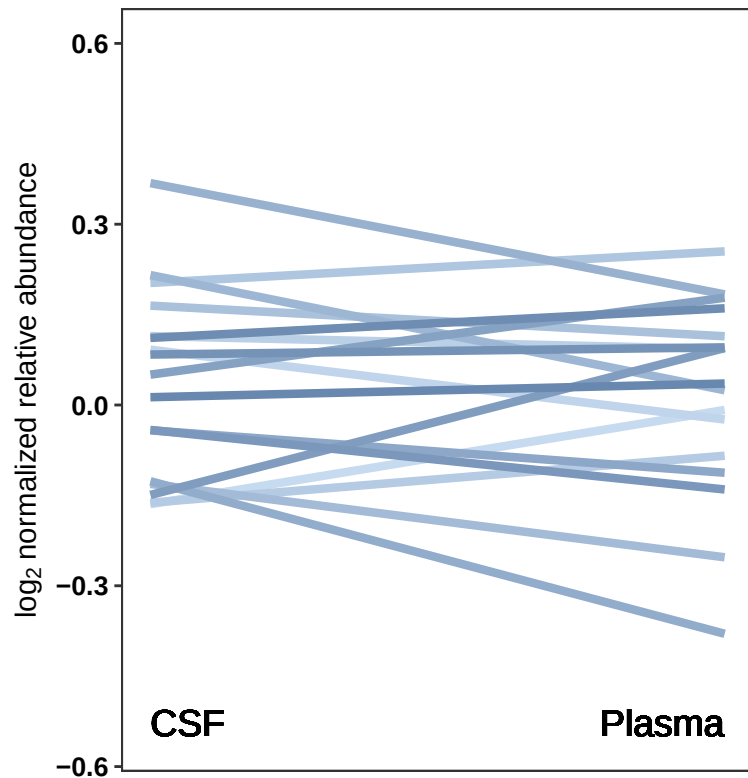
M13 salmon: Ambiguous

slopeDiff(AD-CT): -0.0419

Normal:



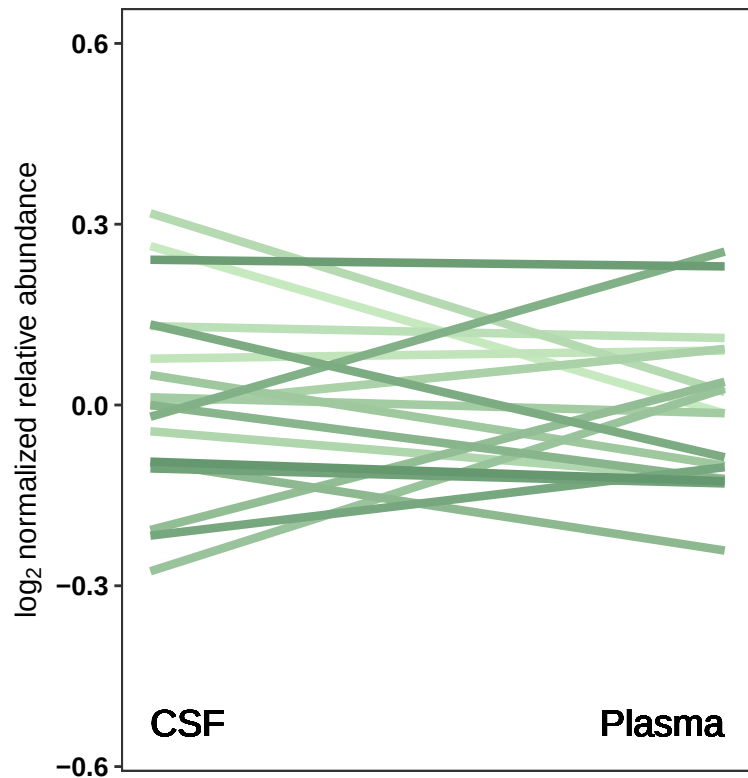
AD:



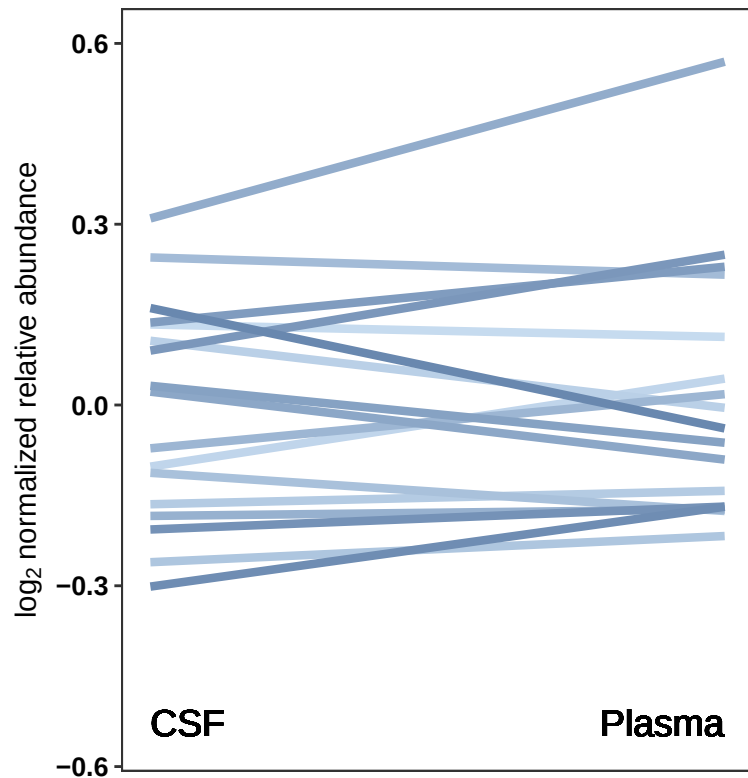
M7 black: TNF/Ephrin Signaling

slopeDiff(AD-CT): 0.0416

Normal:



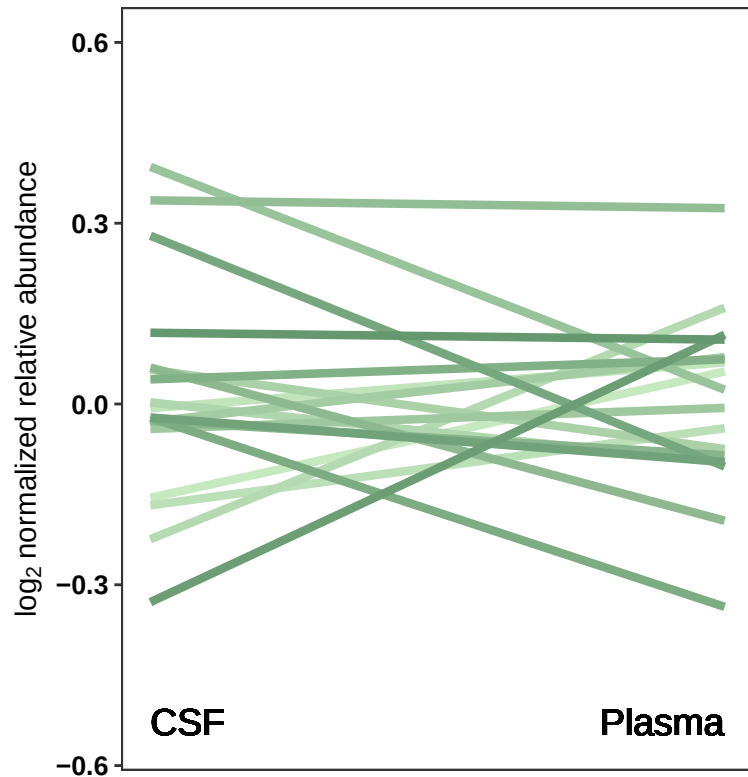
AD:



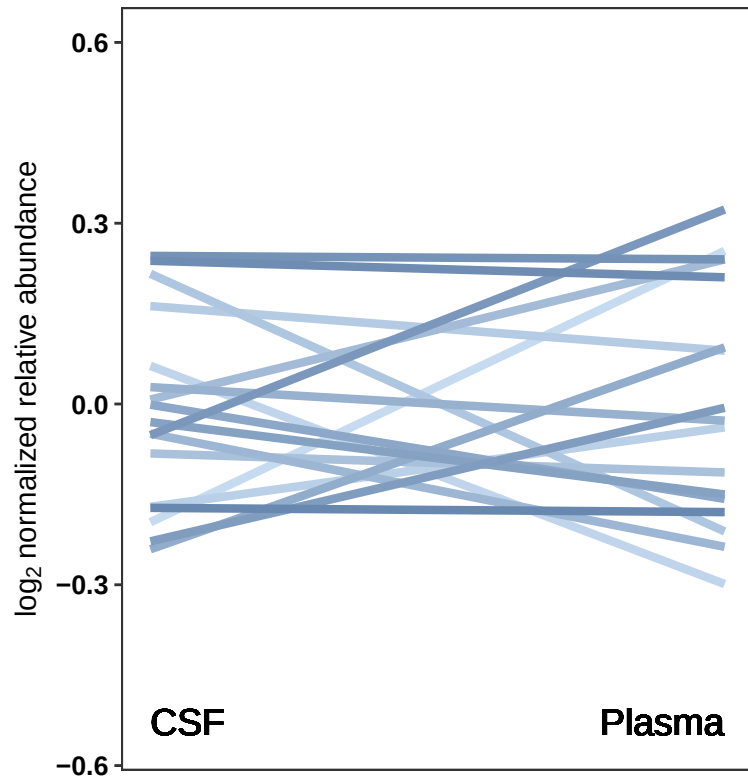
M30 steelblue: Ambiguous

slopeDiff(AD-CT): 0.0332

Normal:



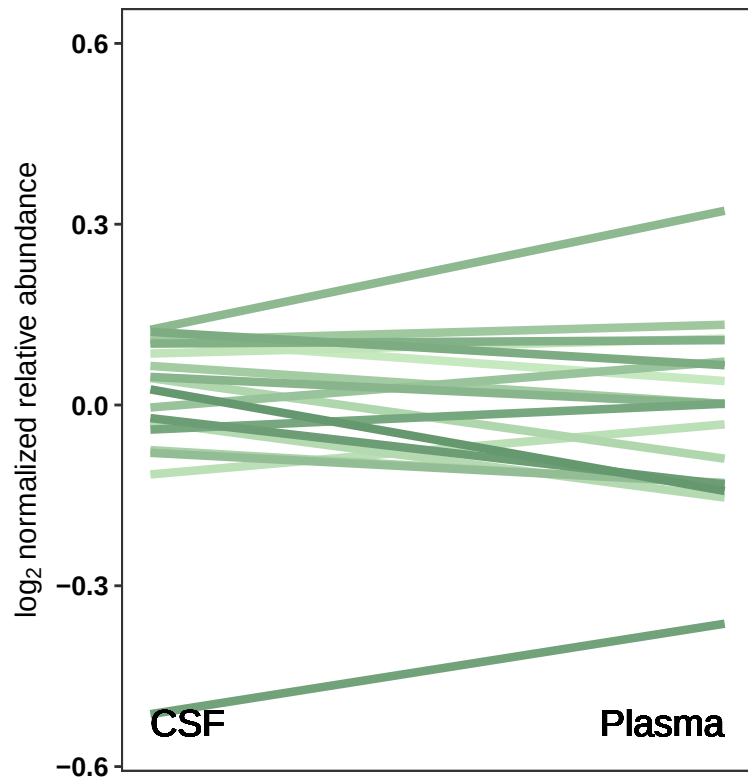
AD:



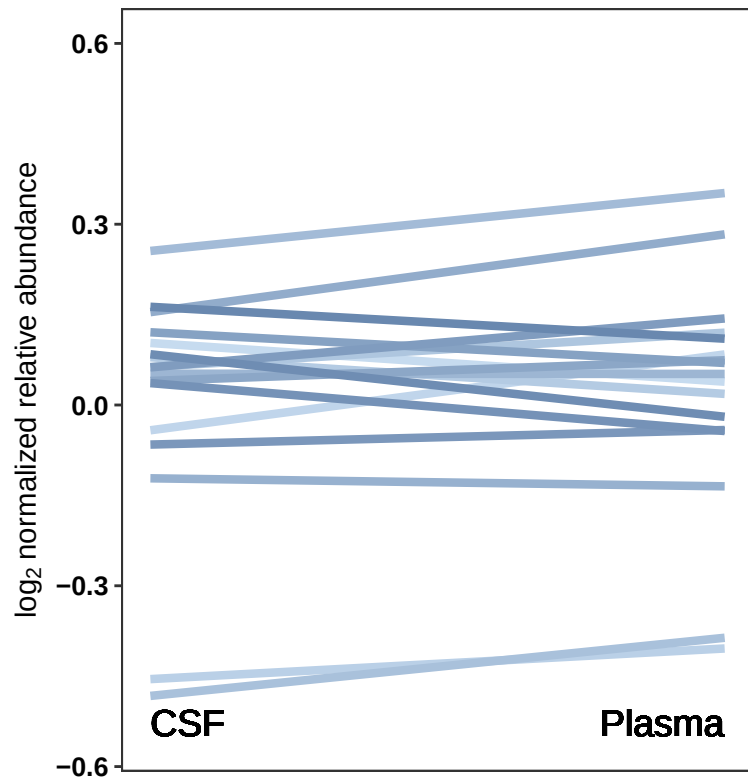
M31 paleturquoise: Adhesion/ECM

slopeDiff(AD-CT): 0.0308

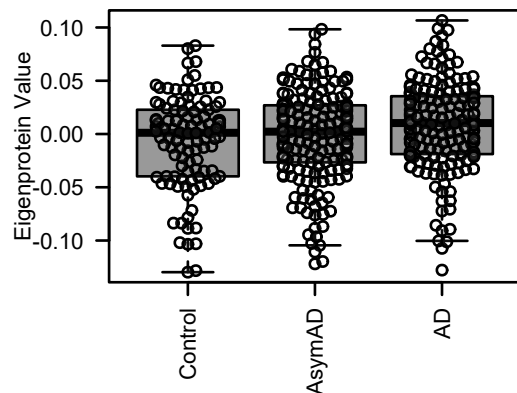
Normal:



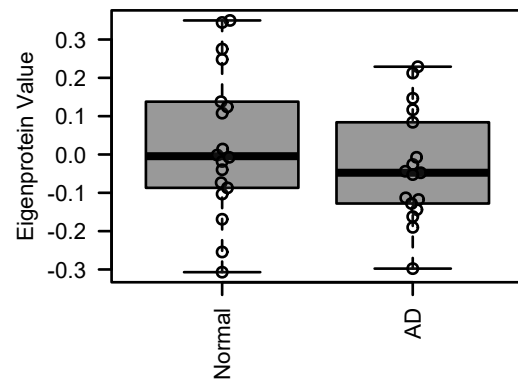
AD:



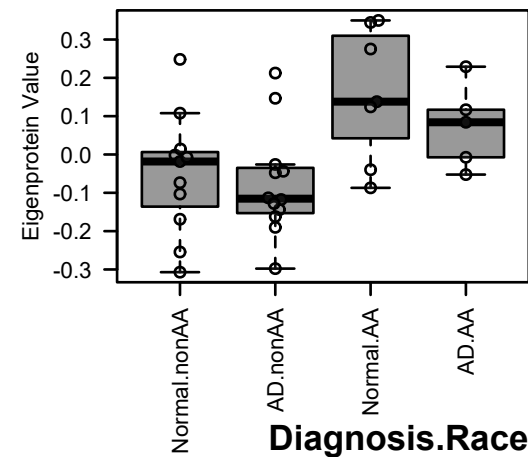
M17 grey60.MEGATMT488
Transcription



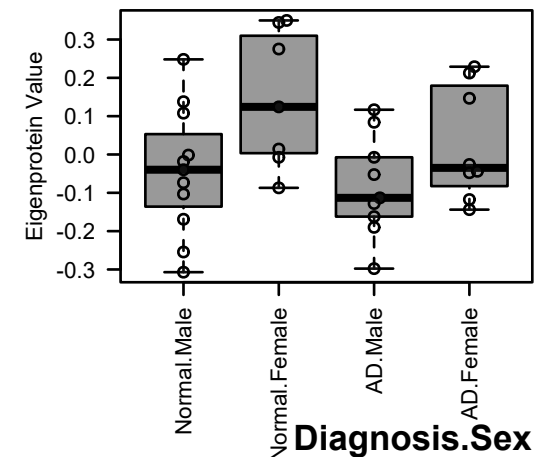
MEgrey60.CSF 35 Samp. (Synthetic)
ANOVA p: 0.29



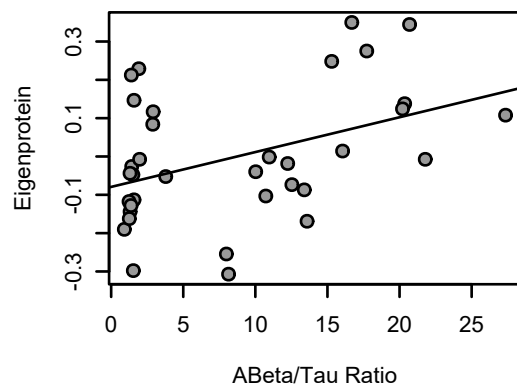
MEgrey60.CSF (Synthetic)
ANOVA p: 0.011



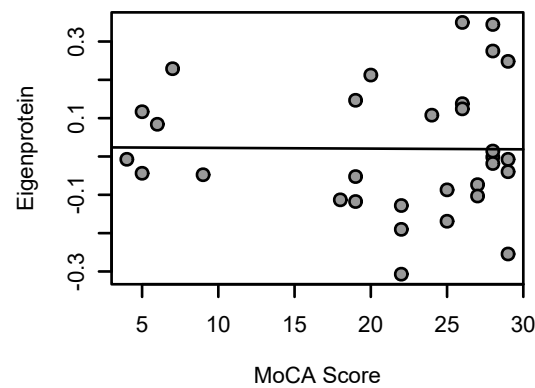
MEgrey60.CSF (Synthetic)
ANOVA p: 0.038



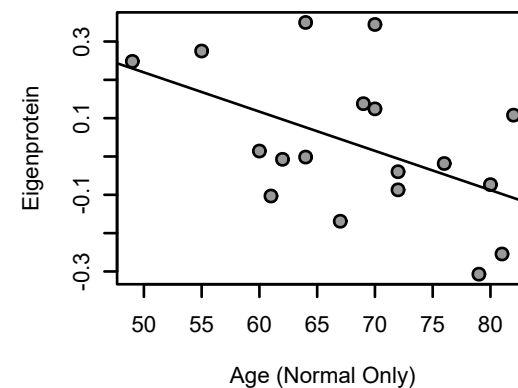
bicor=0.41, p=0.014
cor=0.42, p=0.012



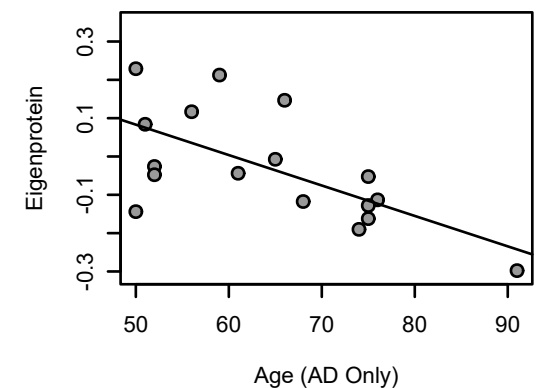
bicor=0.07, p=0.71
cor=-0.0091, p=0.96



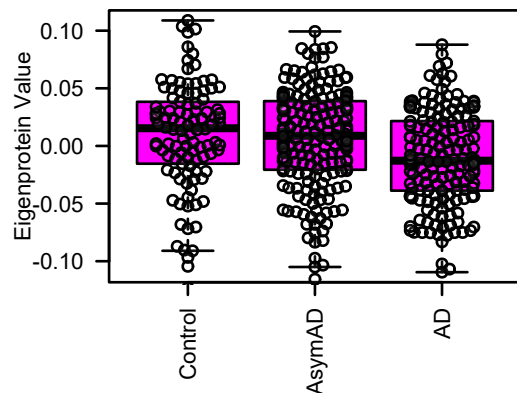
bicor=-0.49, p=0.037
cor=-0.49, p=0.039



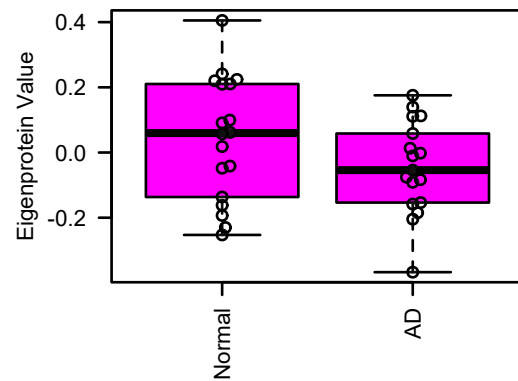
bicor=-0.64, p=0.0053
cor=-0.65, p=0.0047



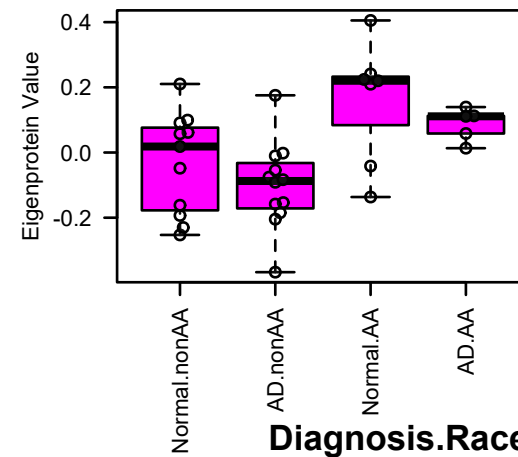
M9 magenta.MEGATMT488
Golgi



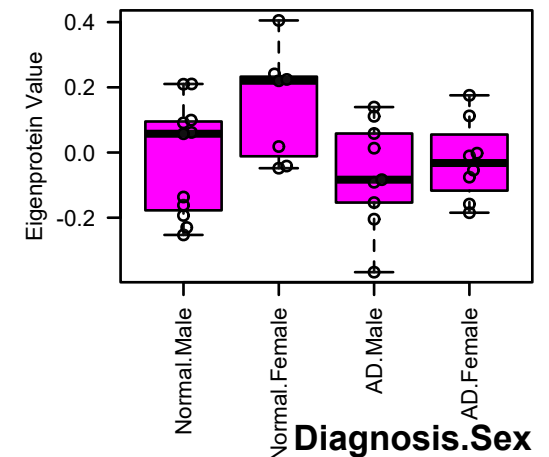
MEmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.13



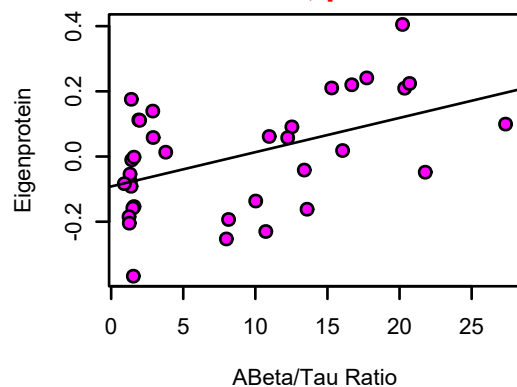
MEmagenta.CSF (Synthetic)
ANOVA p: 0.0035



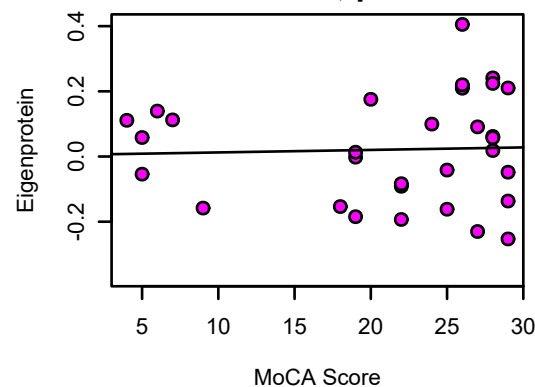
MEmagenta.CSF (Synthetic)
ANOVA p: 0.076



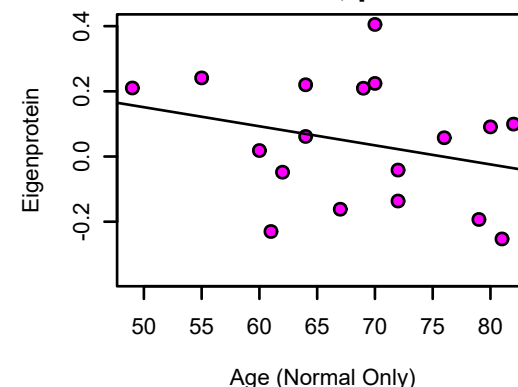
bicor=0.47, p=0.004
cor=0.48, p=0.0035



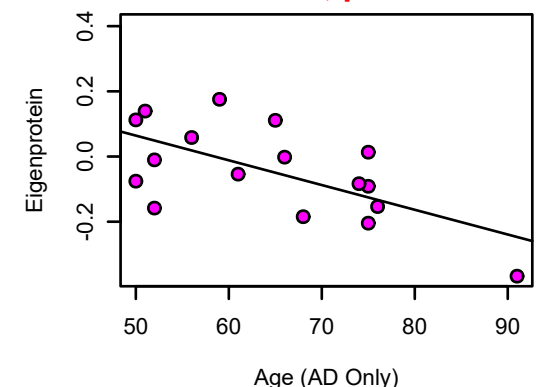
bicor=0.19, p=0.31
cor=0.039, p=0.83

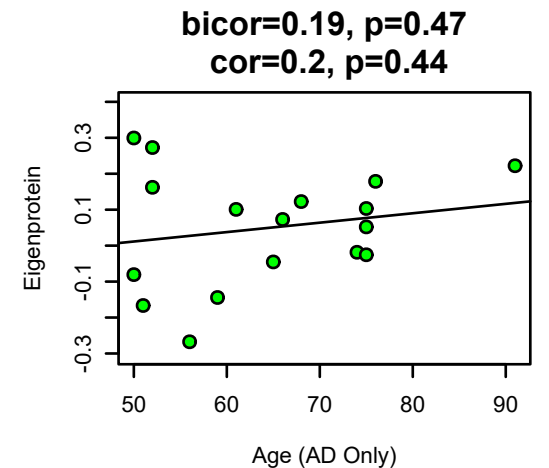
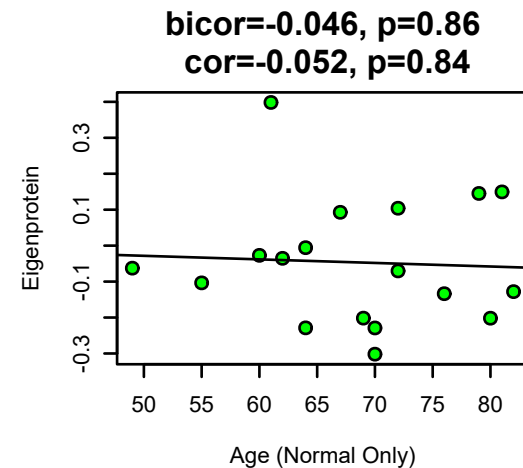
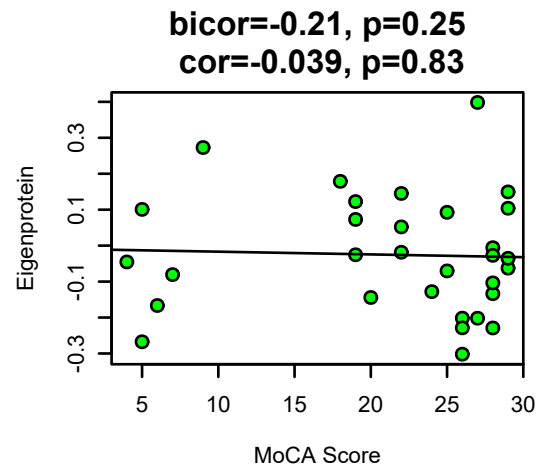
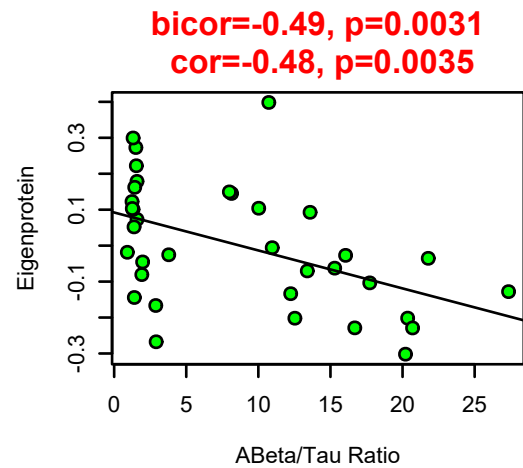
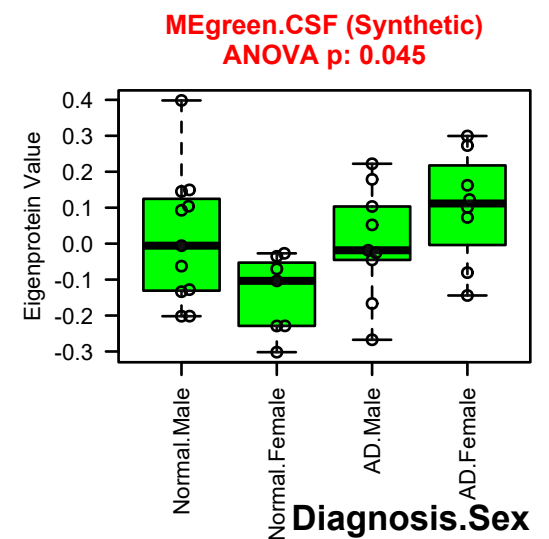
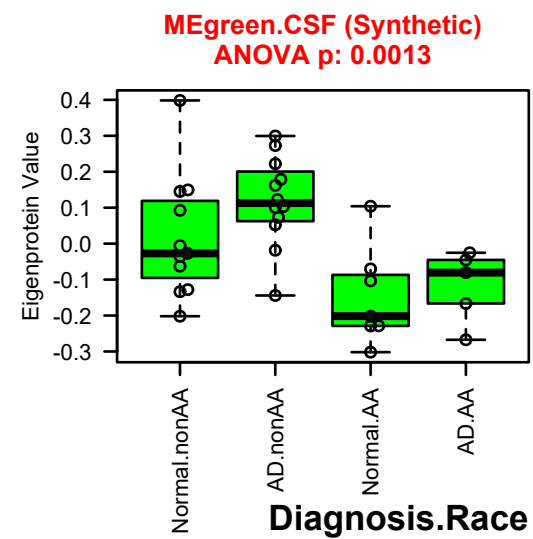
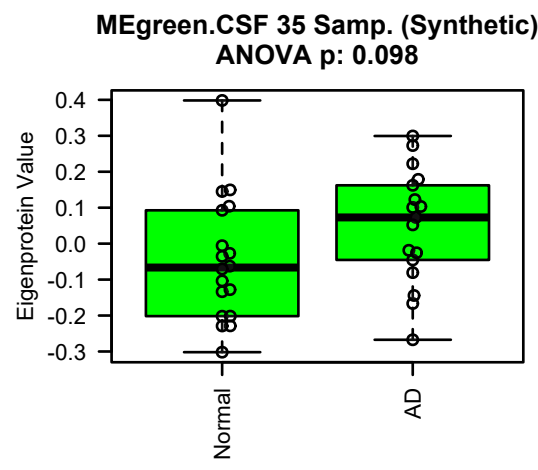
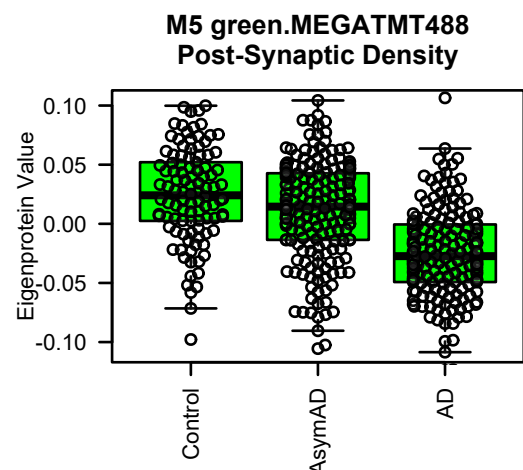
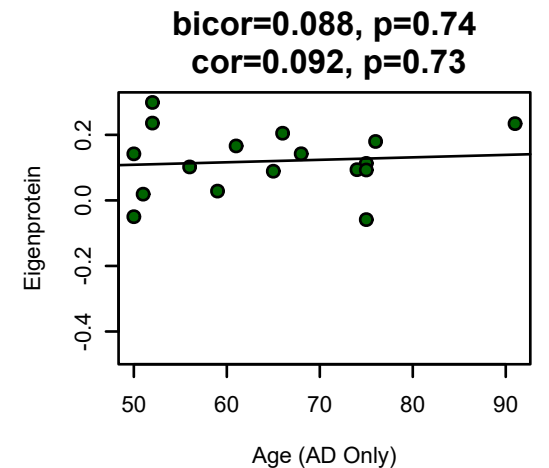
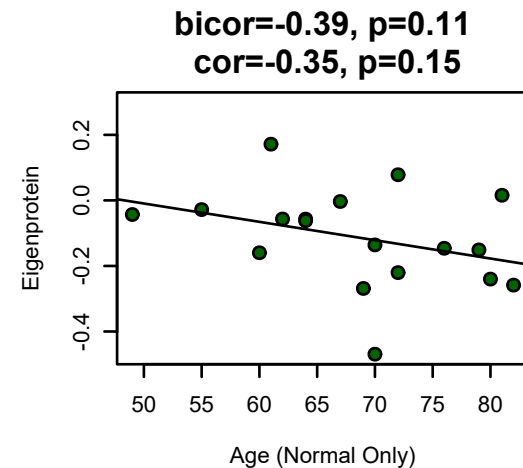
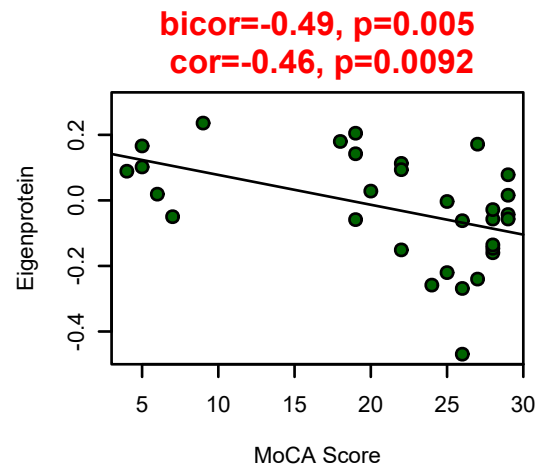
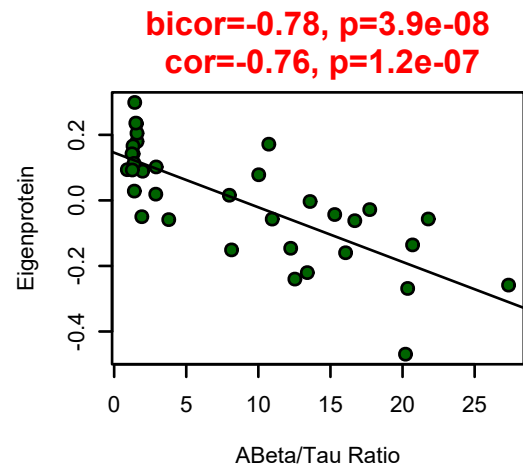
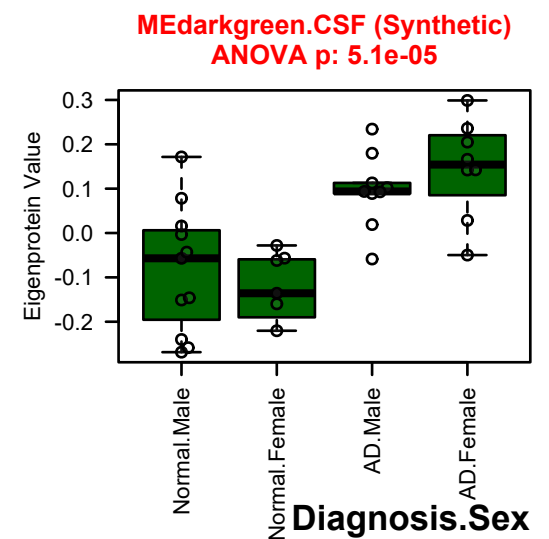
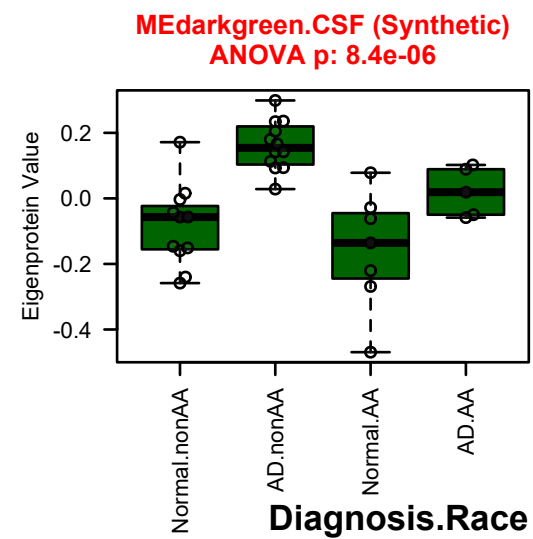
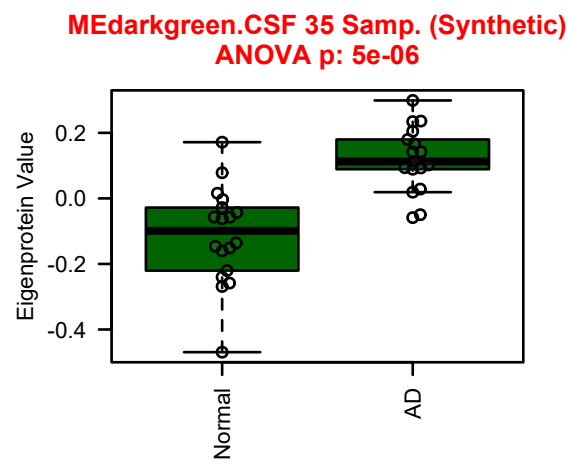
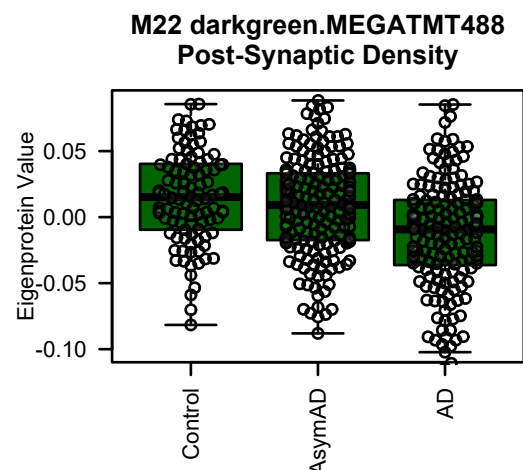


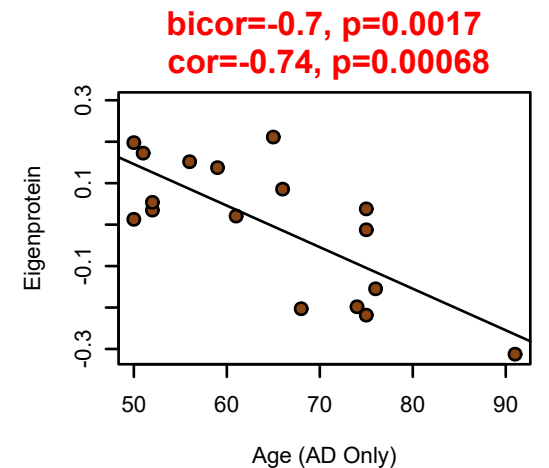
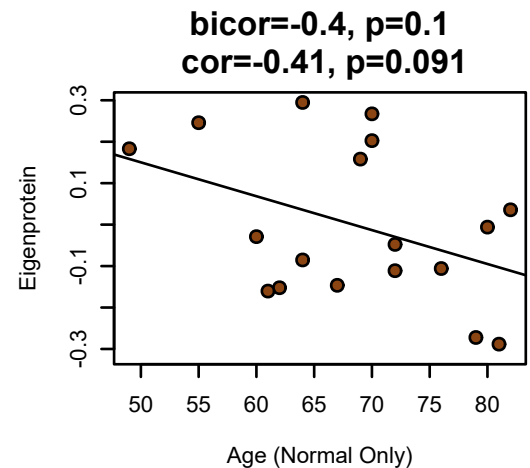
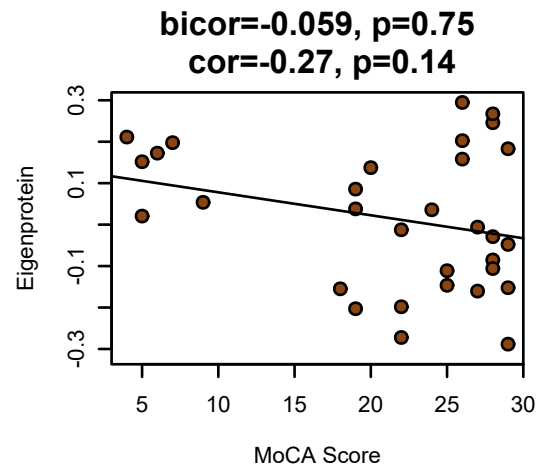
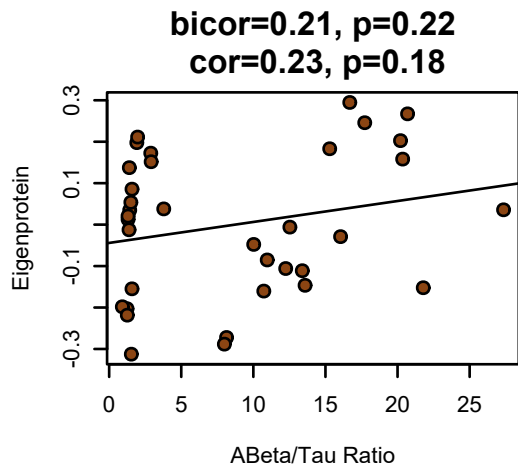
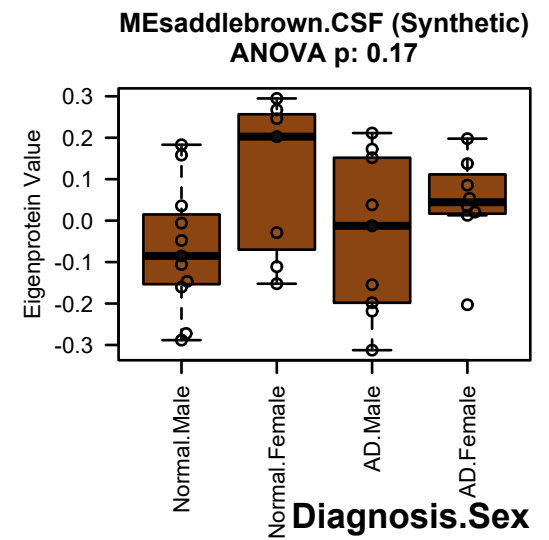
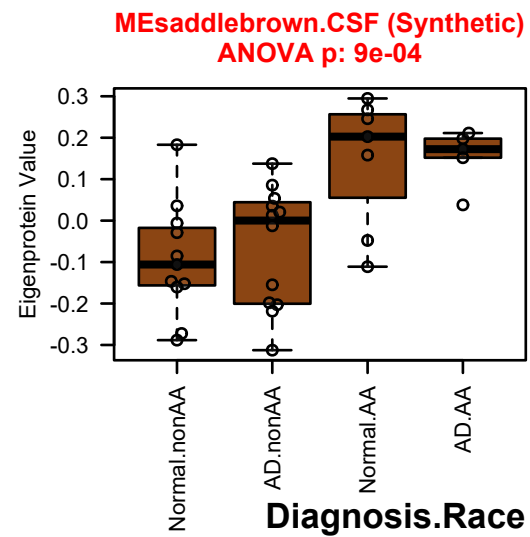
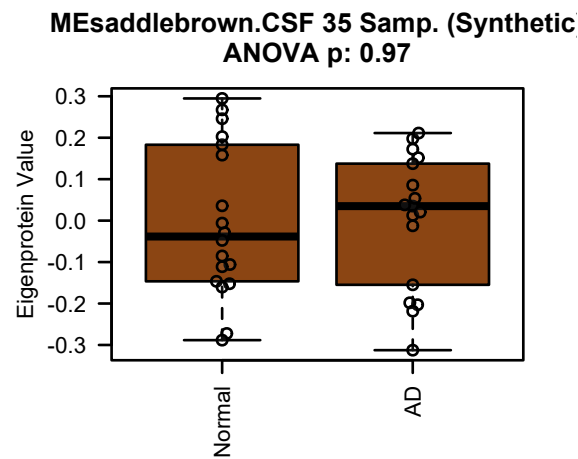
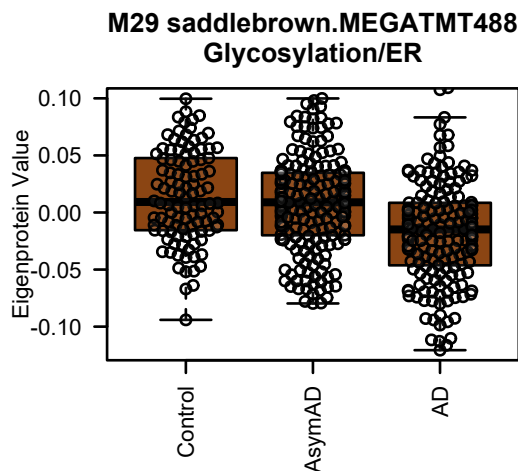
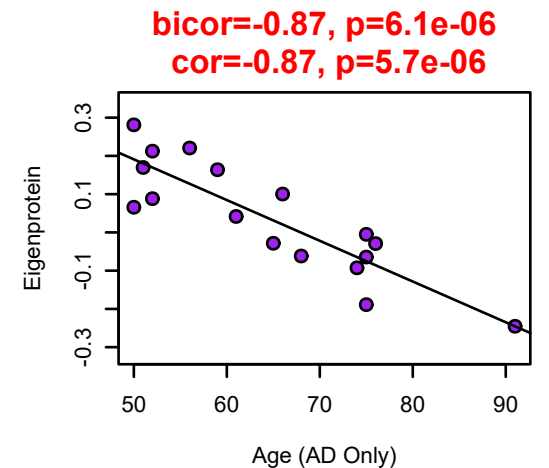
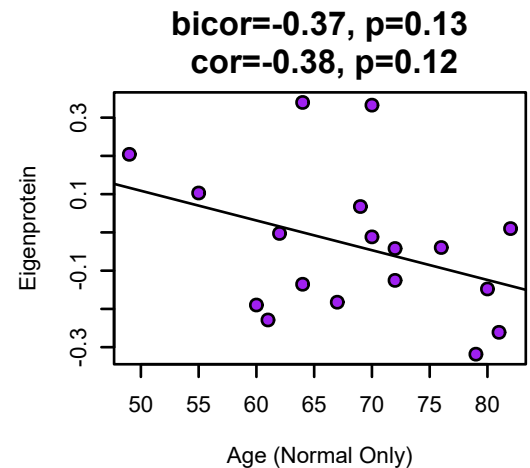
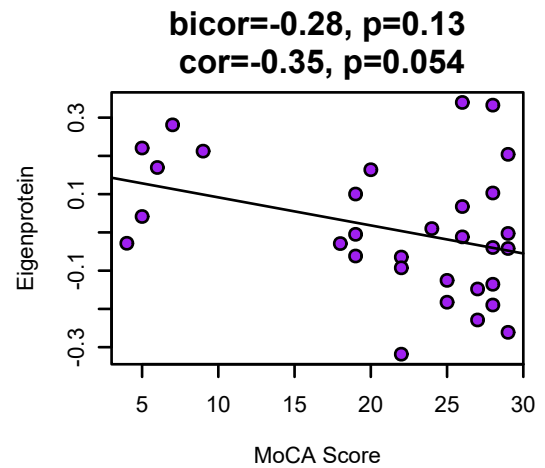
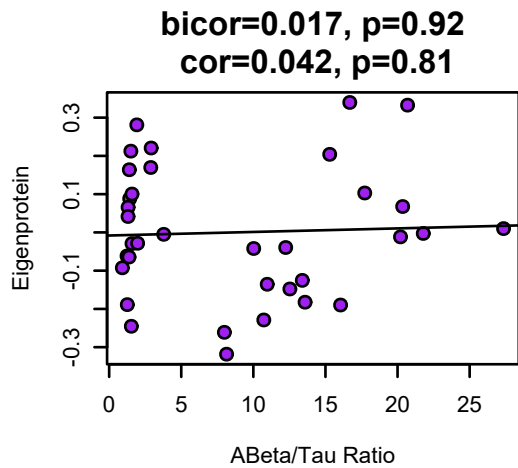
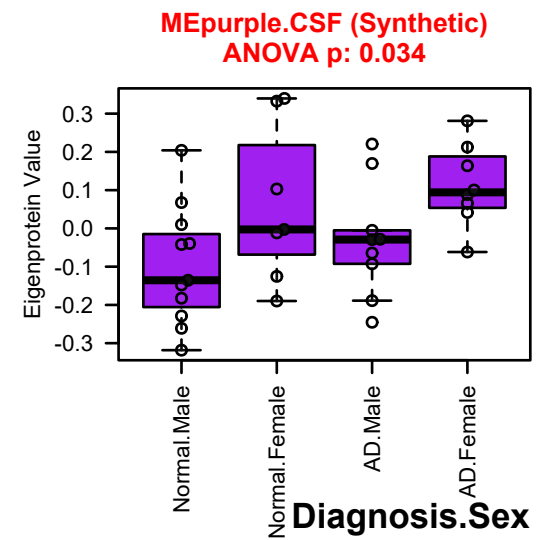
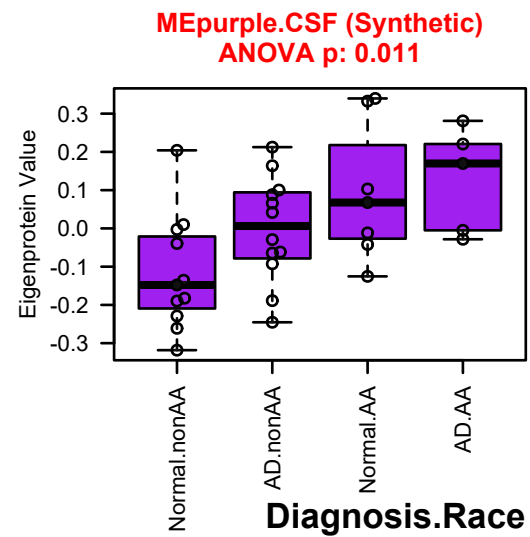
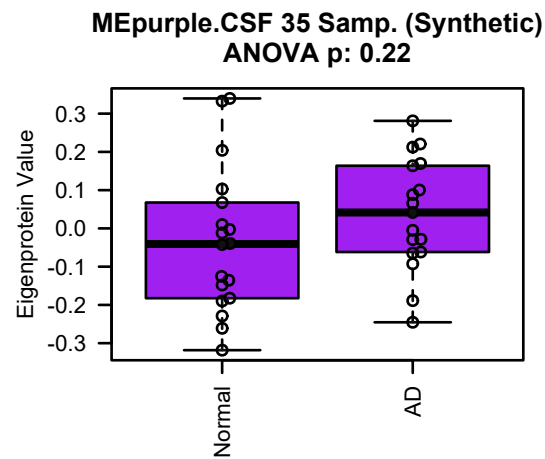
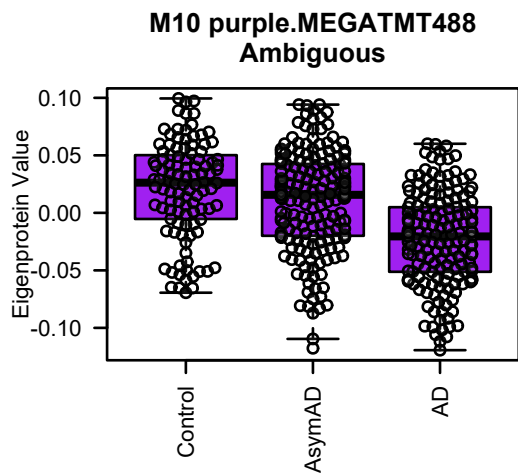
bicor=-0.27, p=0.28
cor=-0.29, p=0.24



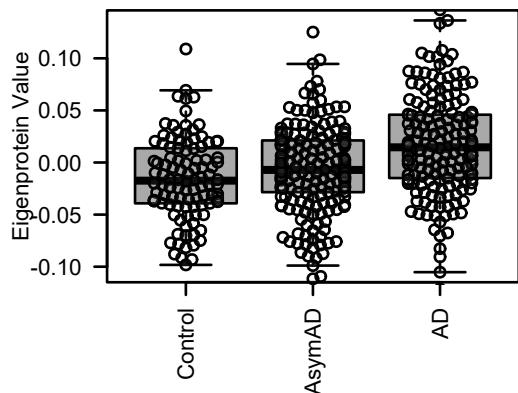
bicor=-0.61, p=0.0097
cor=-0.64, p=0.0057



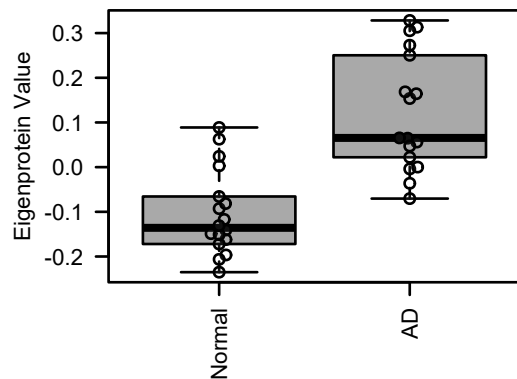




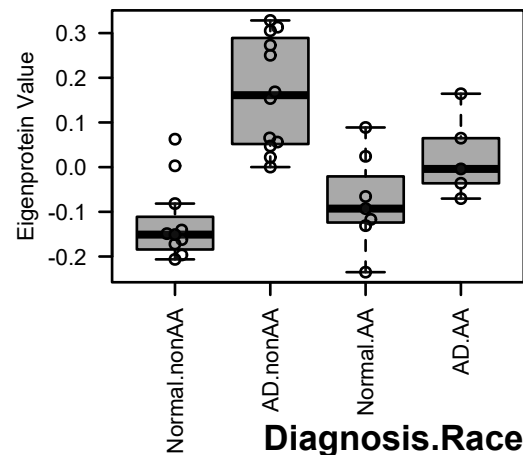
M24 darkgrey.MEGATMT488
Ubiquitination



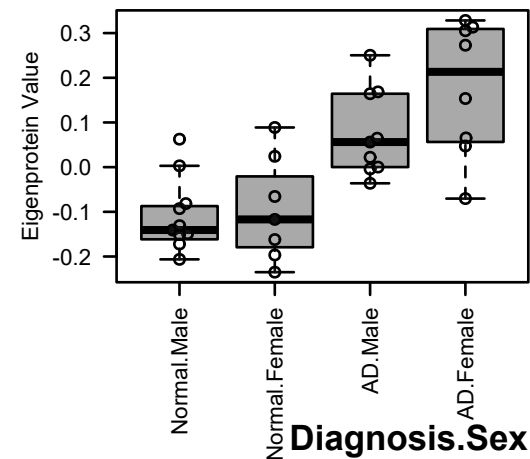
MEdarkgrey.CSF 35 Samp. (Synthetic)
ANOVA p: 1.7e-06



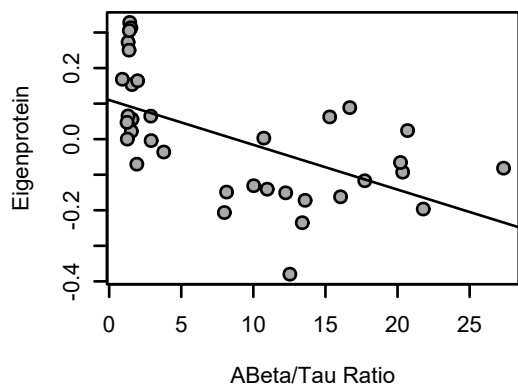
MEdarkgrey.CSF (Synthetic)
ANOVA p: 2.9e-06



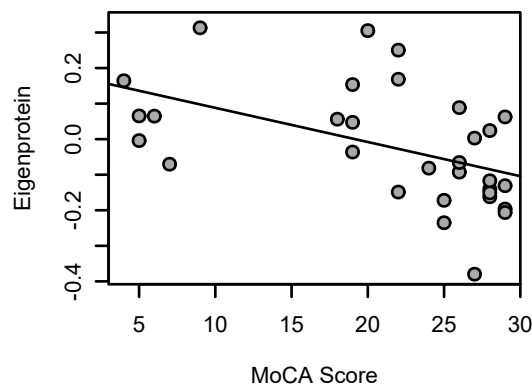
MEdarkgrey.CSF (Synthetic)
ANOVA p: 1.3e-05



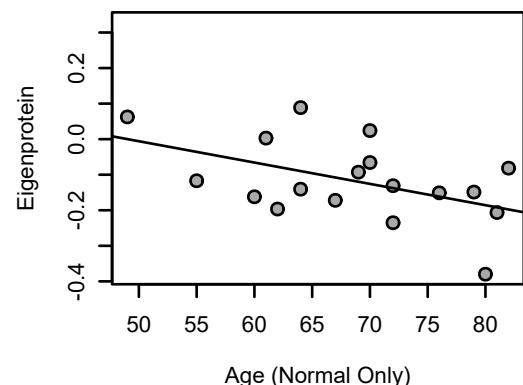
bicor=-0.6, p=0.00012
cor=-0.58, p=0.00026



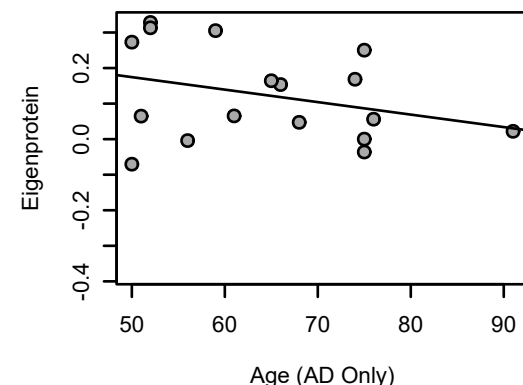
bicor=-0.62, p=0.00023
cor=-0.49, p=0.0051



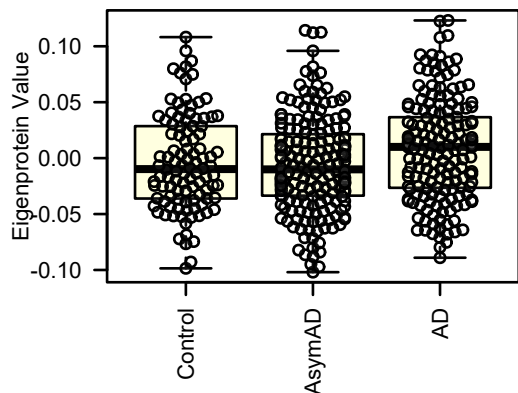
bicor=-0.46, p=0.057
cor=-0.49, p=0.039



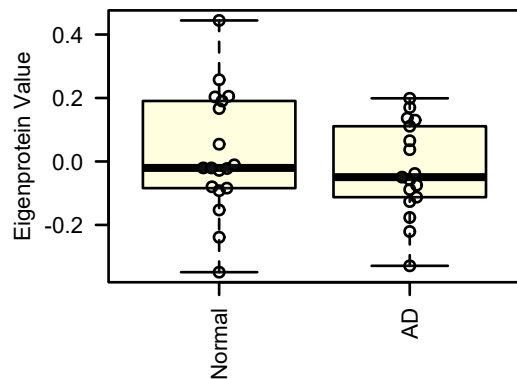
bicor=-0.3, p=0.24
cor=-0.32, p=0.21



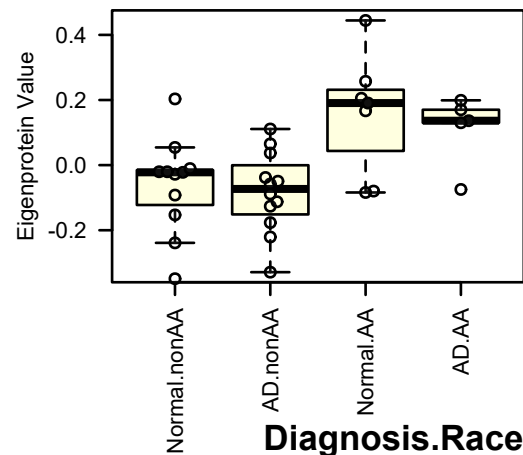
M19 lightyellow.MEGATMT488
Axonogenesis



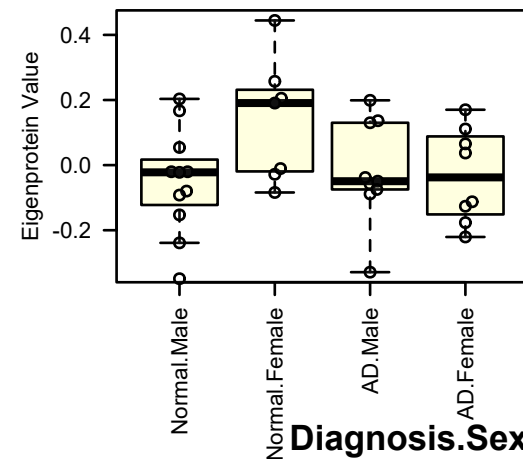
MElightyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.41



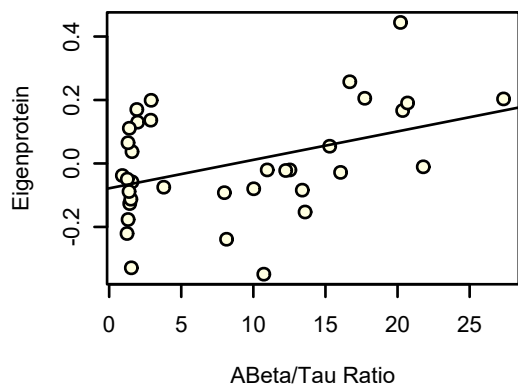
MElightyellow.CSF (Synthetic)
ANOVA p: 0.0029



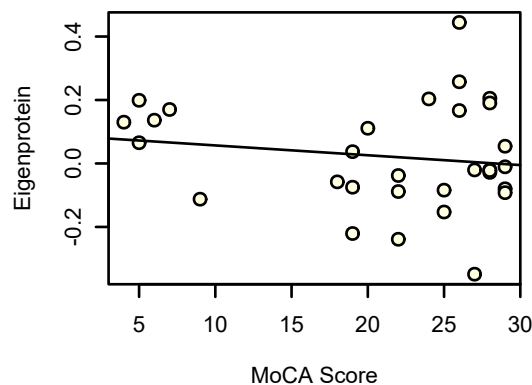
MElightyellow.CSF (Synthetic)
ANOVA p: 0.11



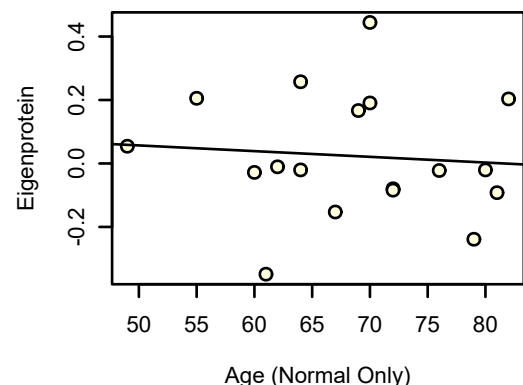
bicor=0.38, p=0.023
cor=0.41, p=0.014



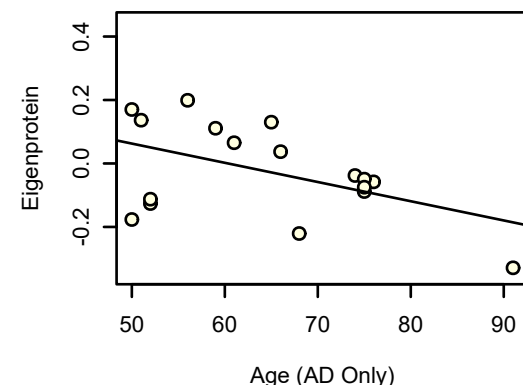
bicor=-0.025, p=0.89
cor=-0.16, p=0.39

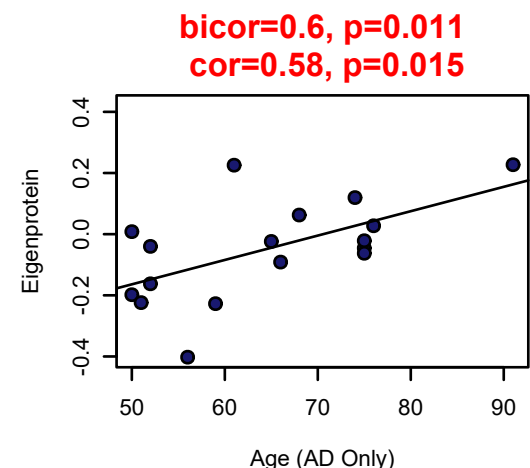
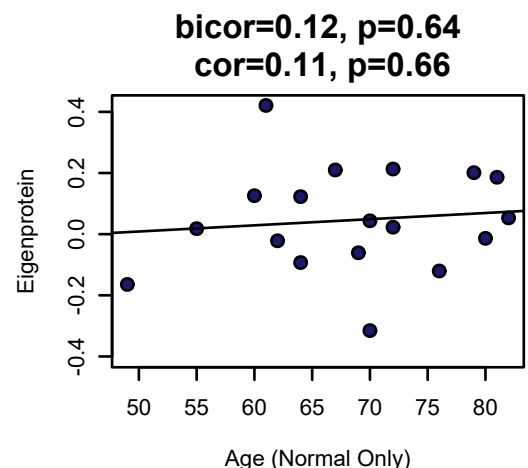
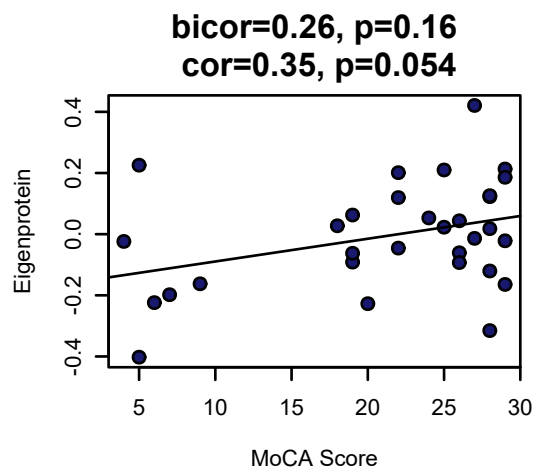
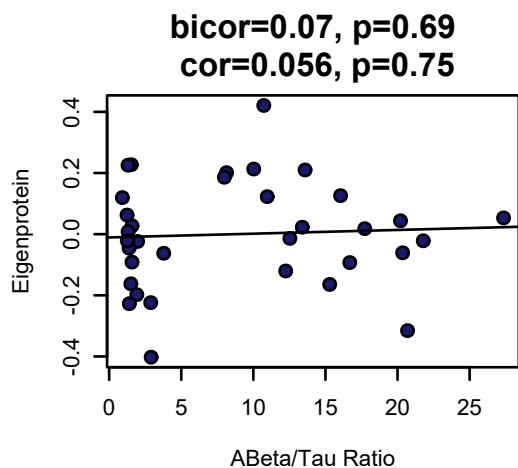
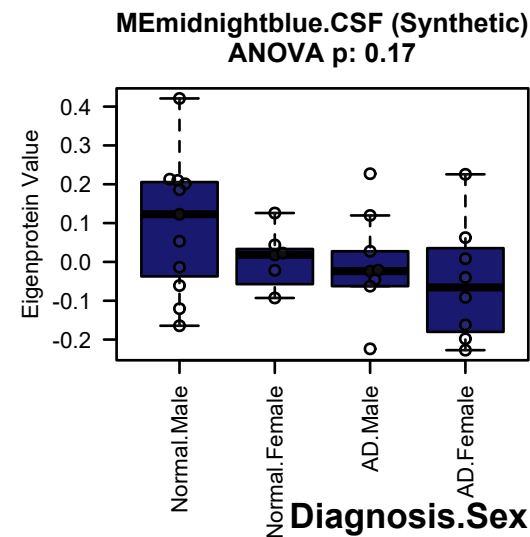
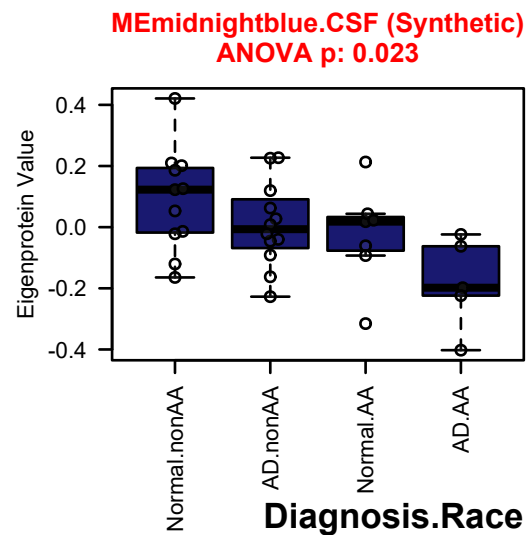
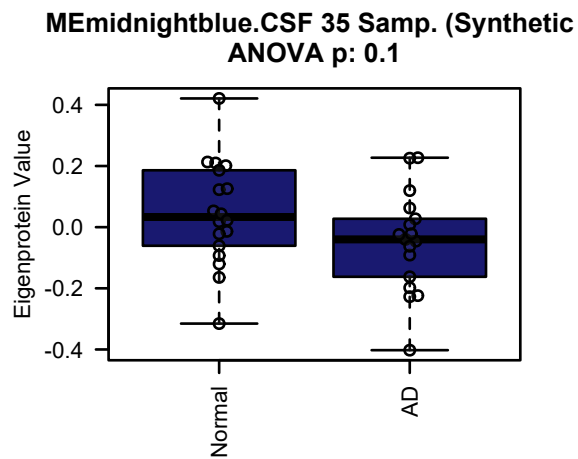
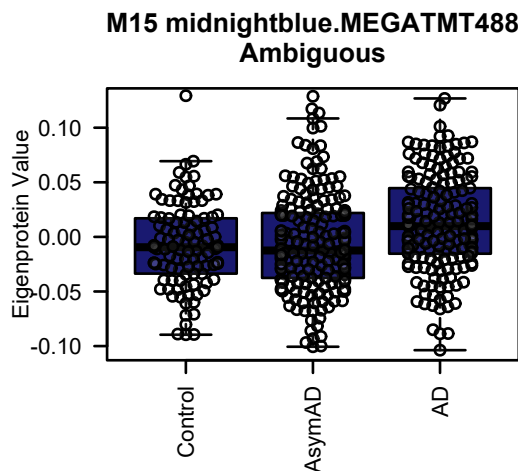
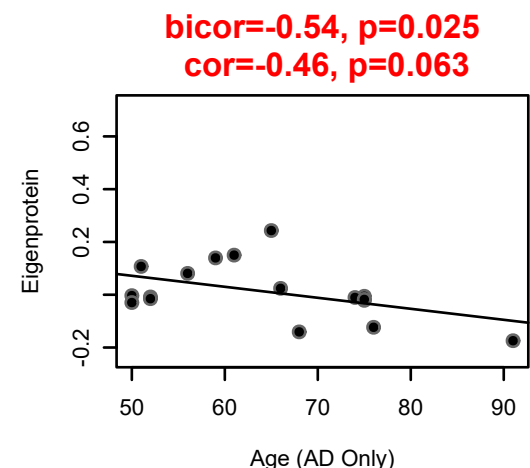
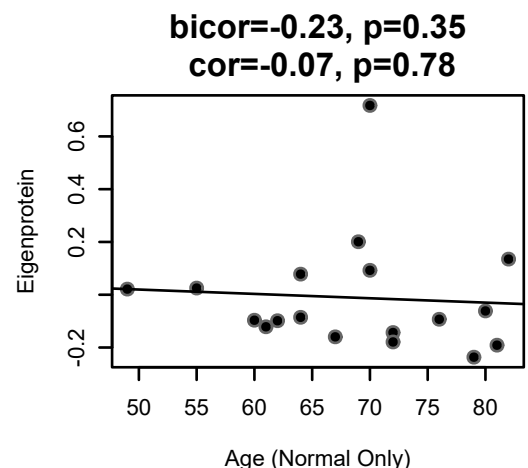
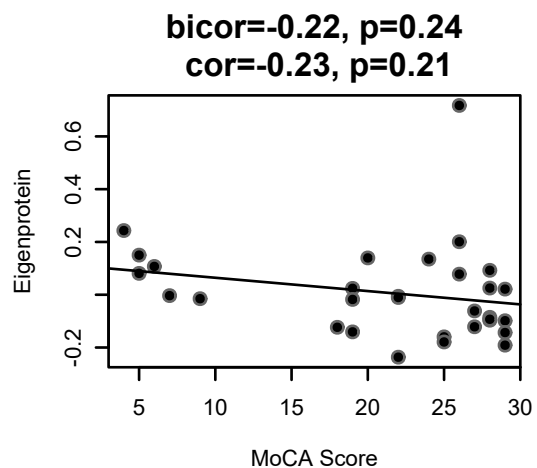
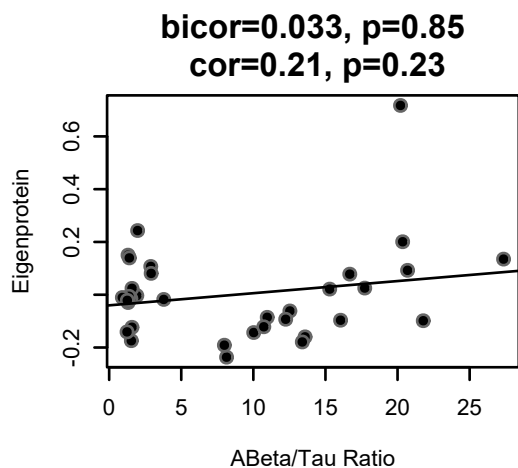
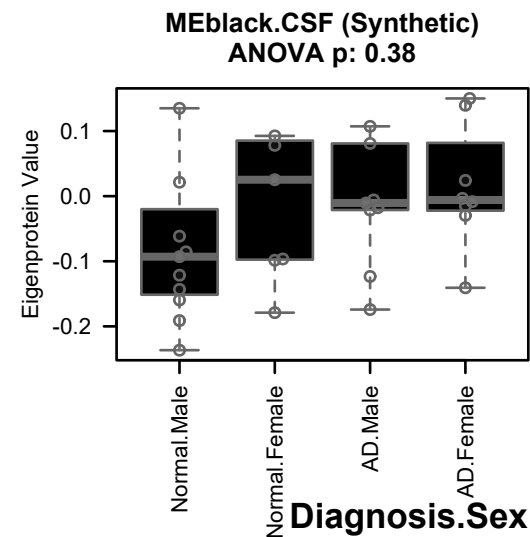
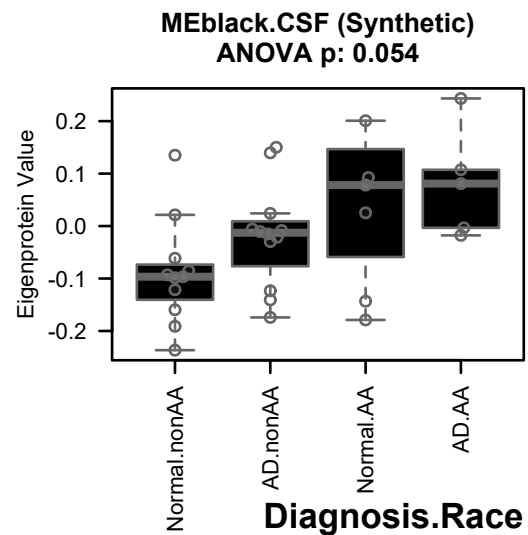
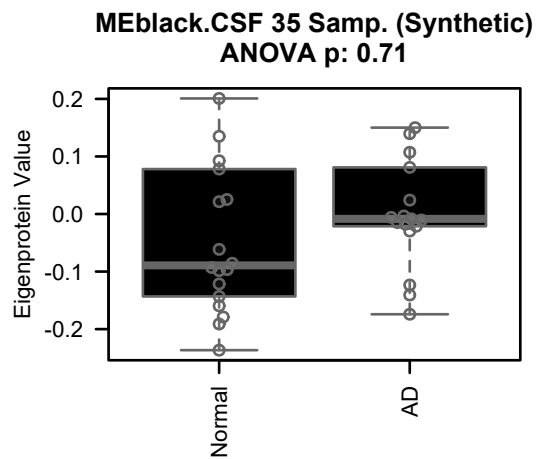
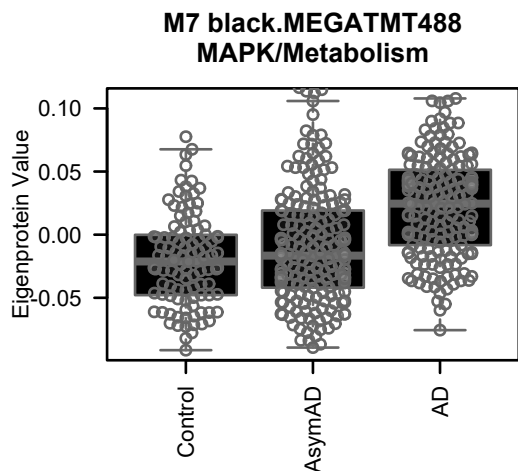


bicor=-0.14, p=0.58
cor=-0.086, p=0.73

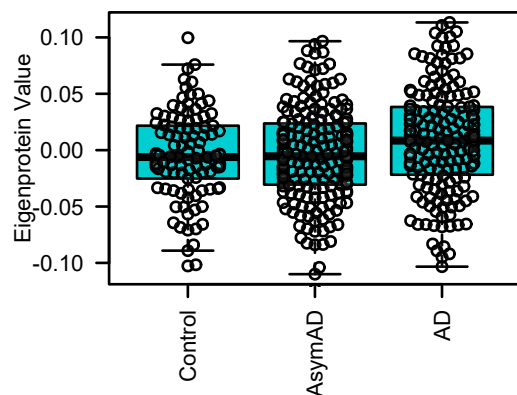


bicor=-0.46, p=0.064
cor=-0.49, p=0.046

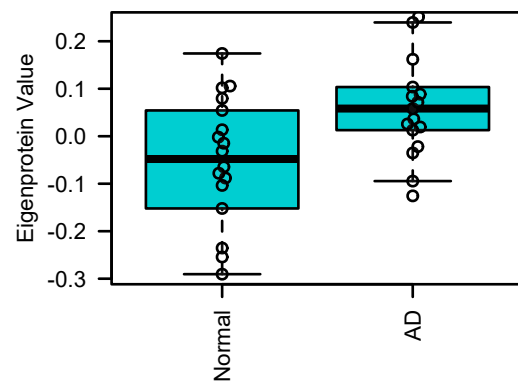




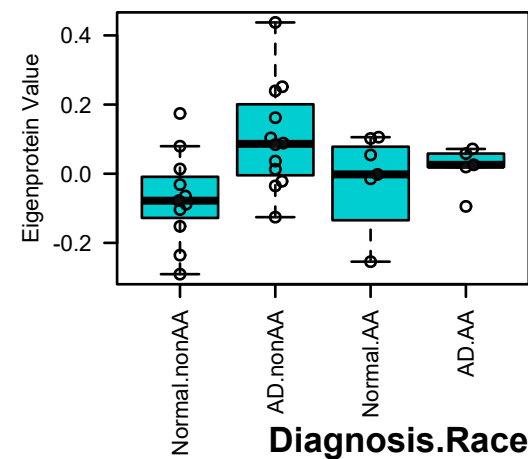
M23 darkturquoise.MEGATMT488
Ambiguous



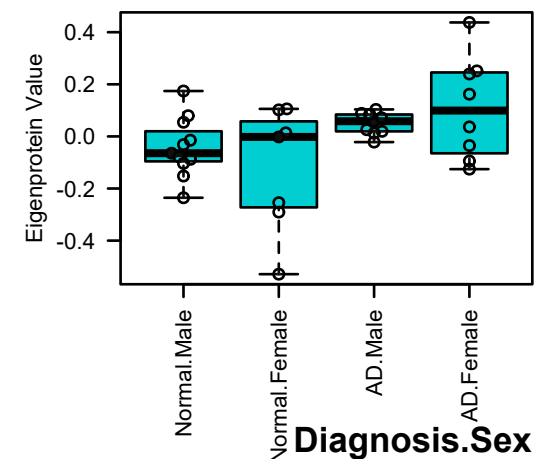
MEdarkturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.0075



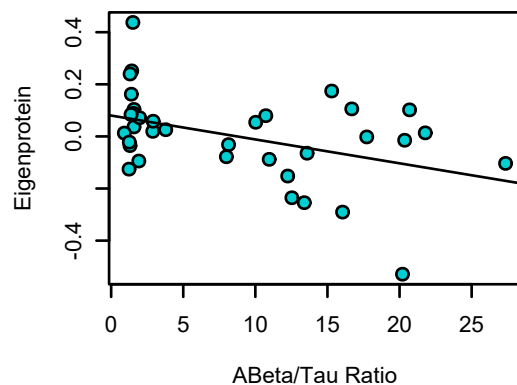
MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.046



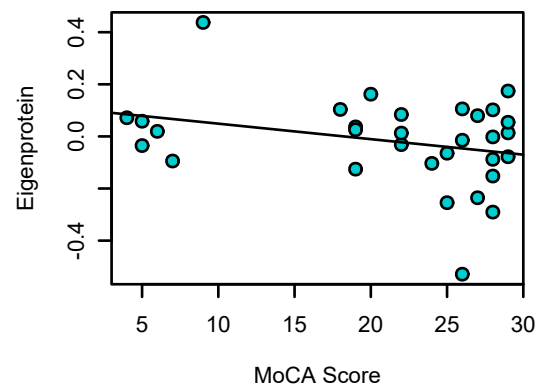
MEdarkturquoise.CSF (Synthetic)
ANOVA p: 0.034



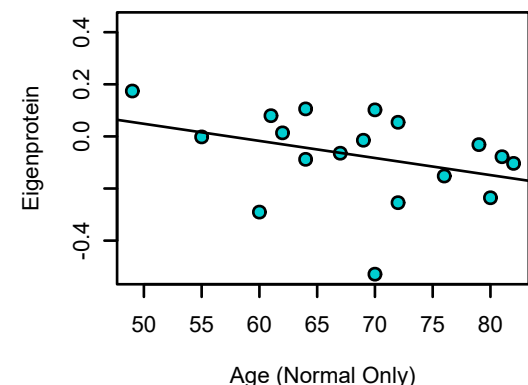
bicor=-0.38, p=0.024
cor=-0.42, p=0.012



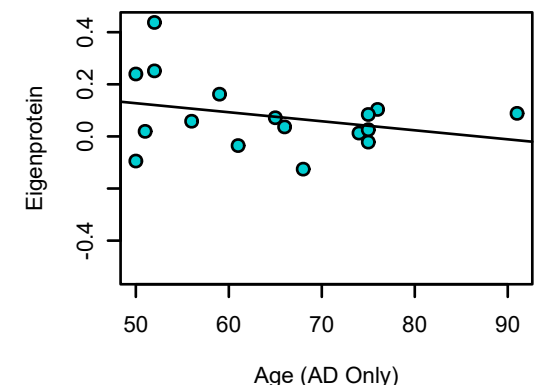
bicor=-0.23, p=0.22
cor=-0.29, p=0.11



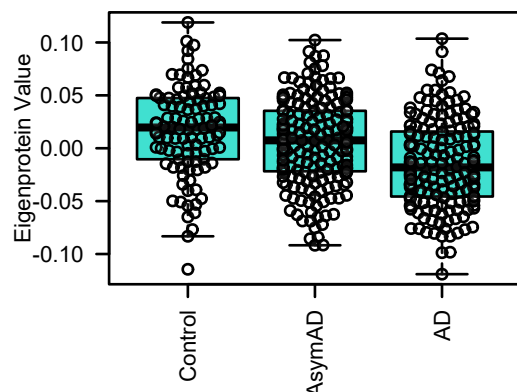
bicor=-0.39, p=0.11
cor=-0.35, p=0.15



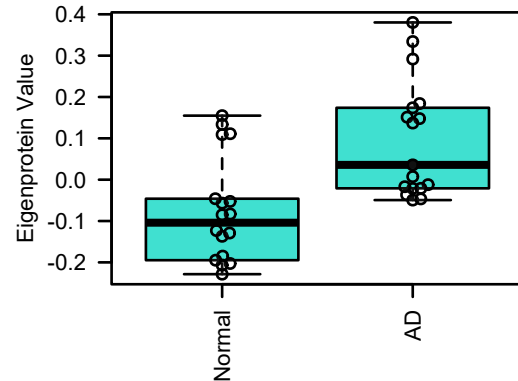
bicor=-0.13, p=0.61
cor=-0.3, p=0.24



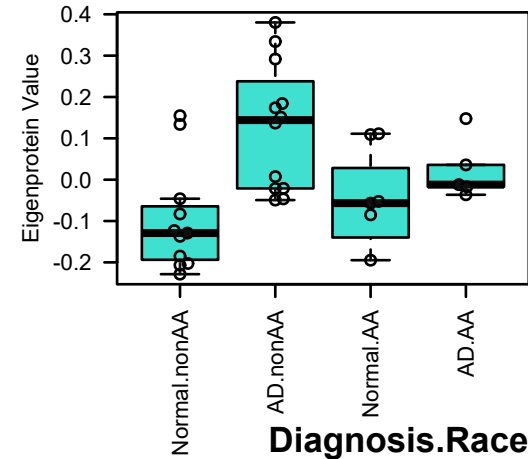
M1 turquoise.MEGATMT488
Synapse/Neuron



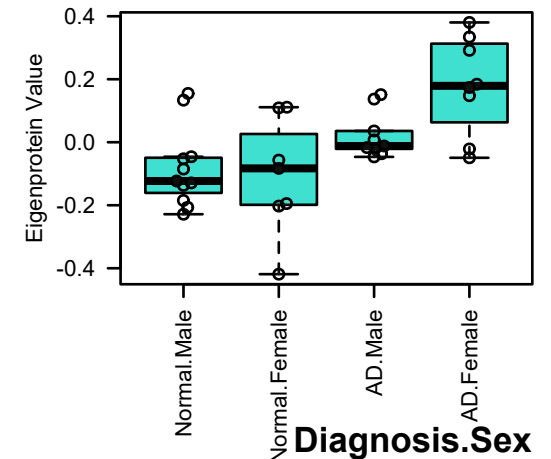
MEturquoise.CSF 35 Samp. (Synthetic)
ANOVA p: 0.00055



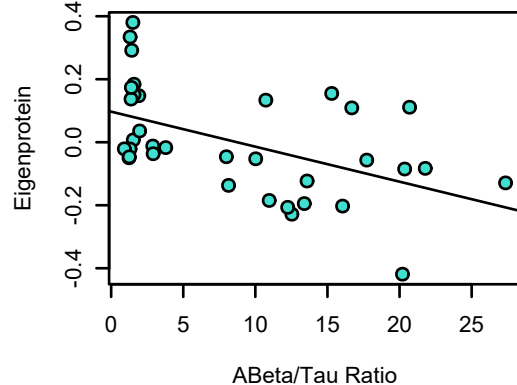
MEturquoise.CSF (Synthetic)
ANOVA p: 0.0039



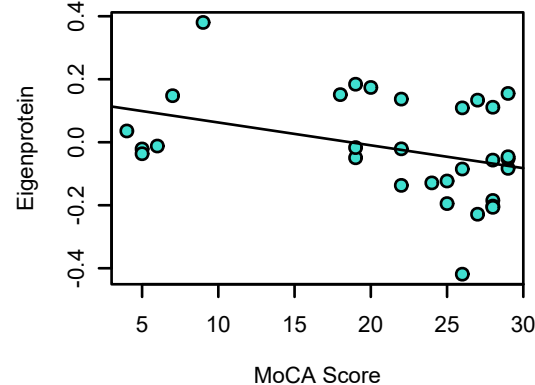
MEturquoise.CSF (Synthetic)
ANOVA p: 0.00074



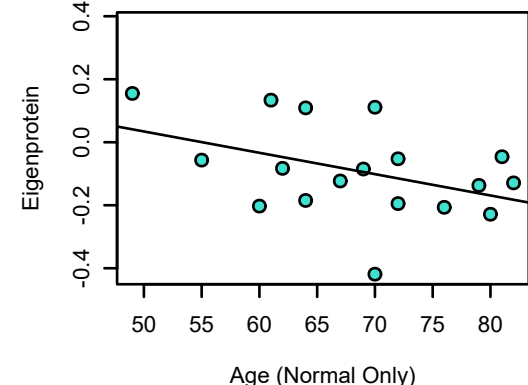
bicor=-0.5, p=0.0021
cor=-0.51, p=0.0017



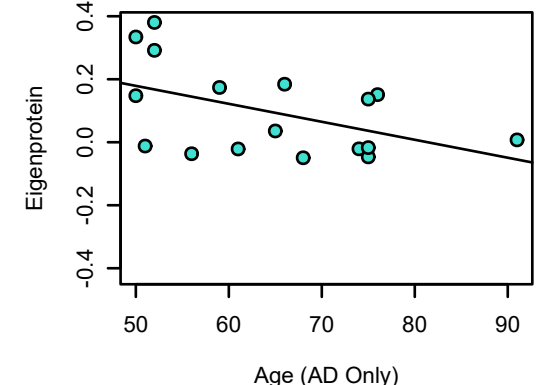
bicor=-0.47, p=0.0081
cor=-0.37, p=0.04

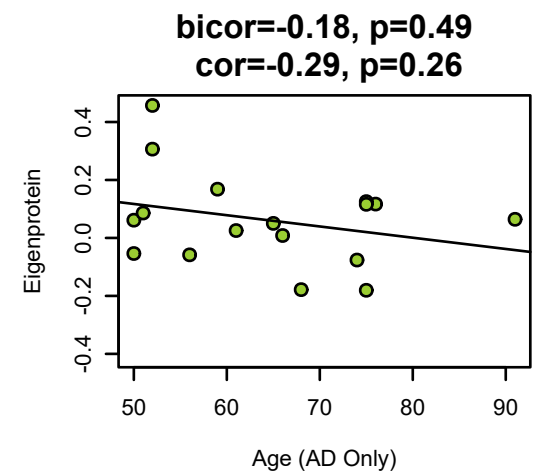
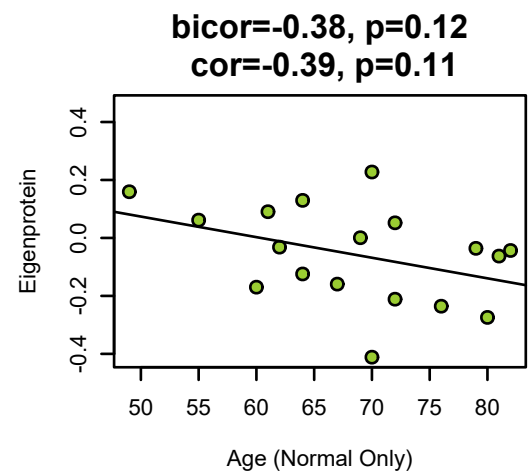
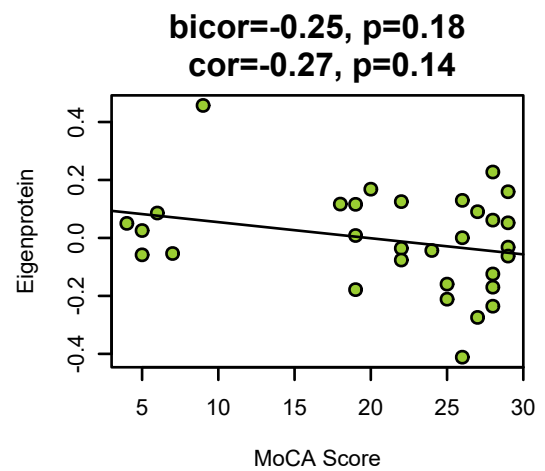
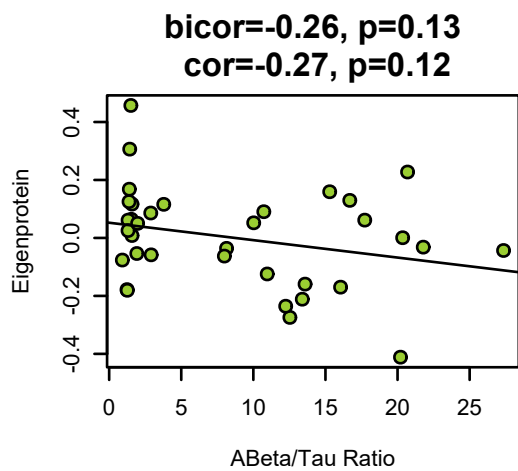
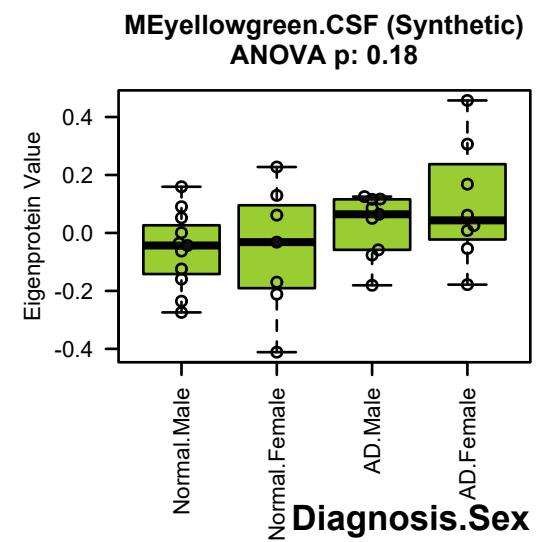
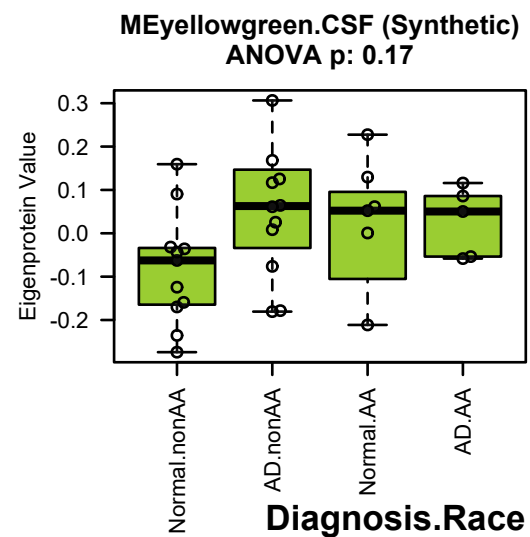
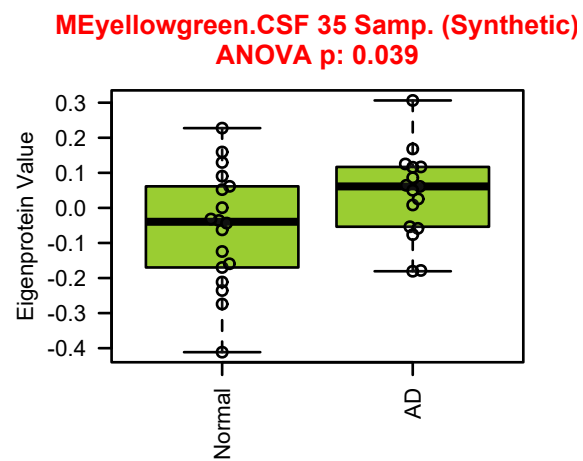
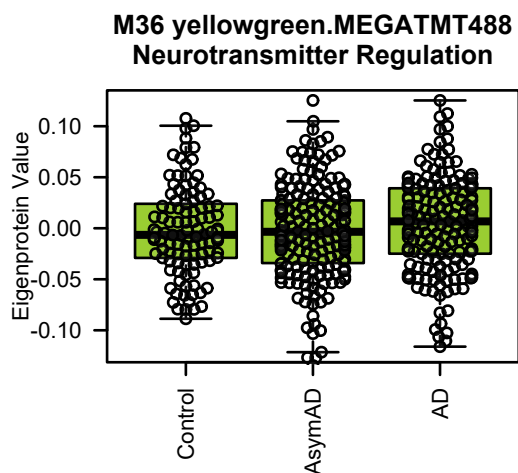
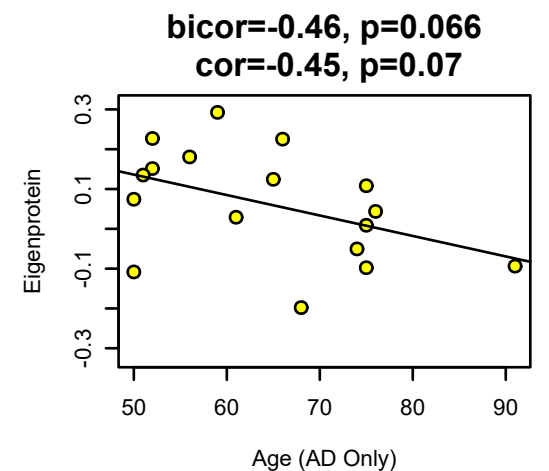
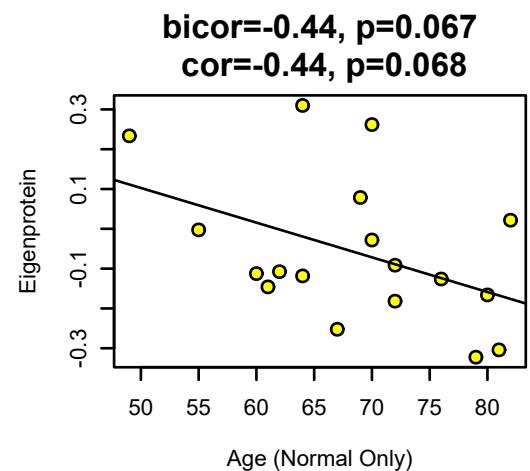
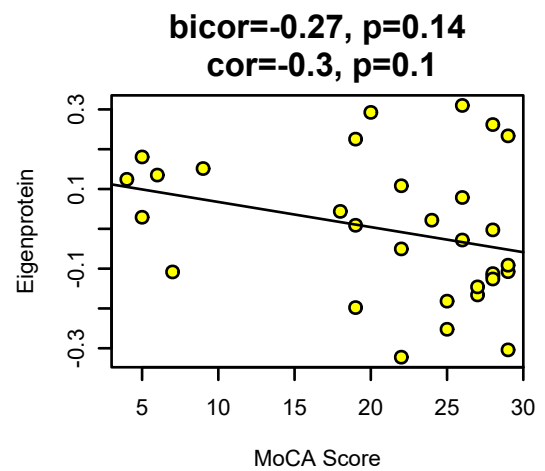
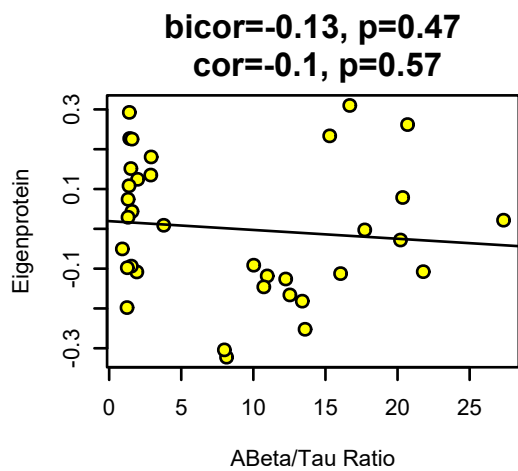
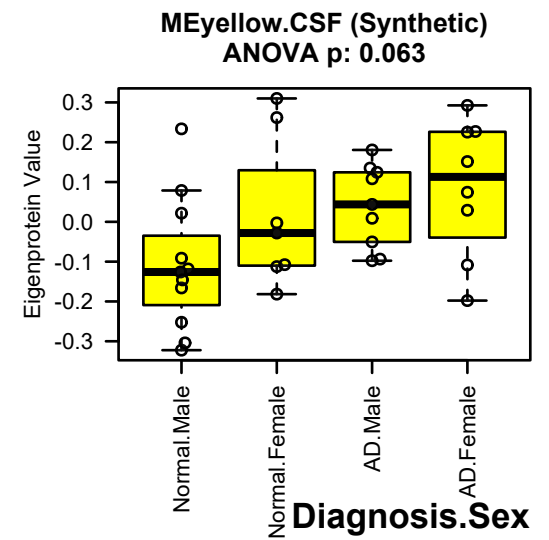
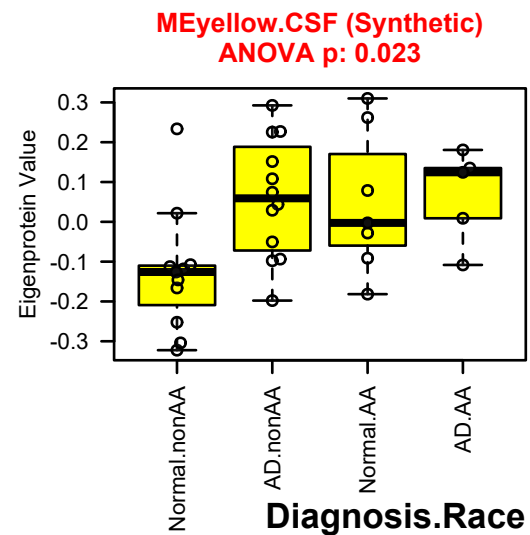
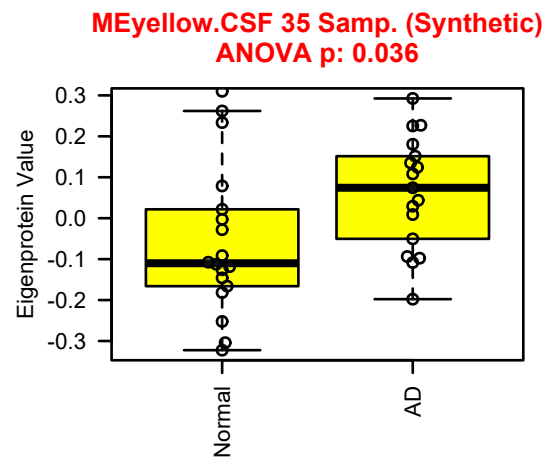
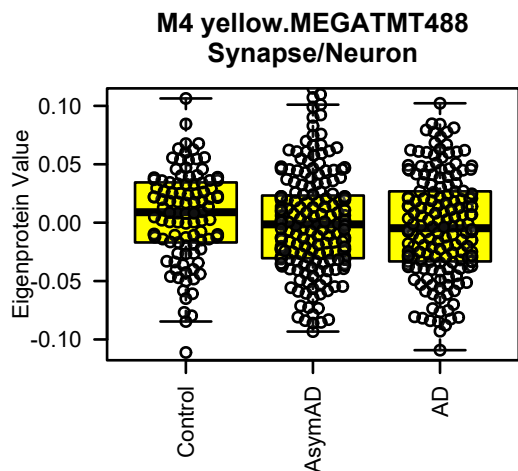


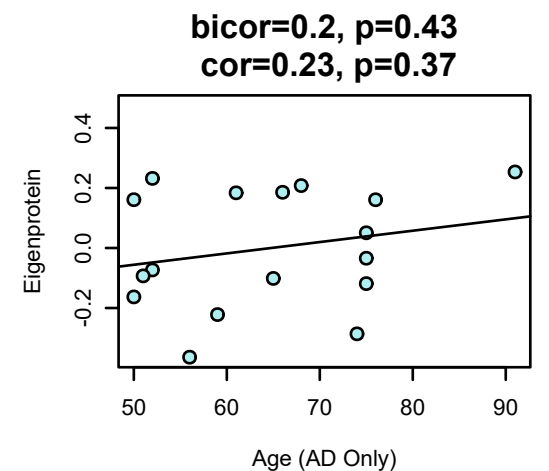
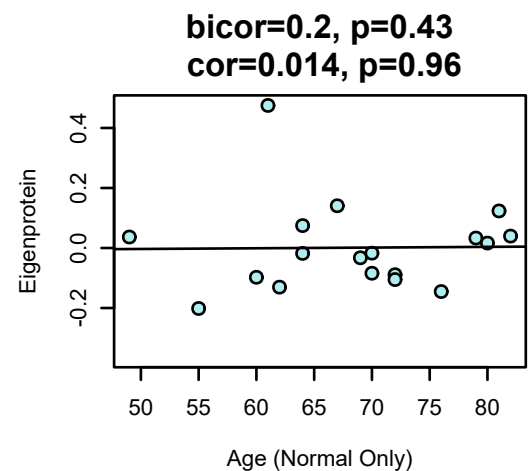
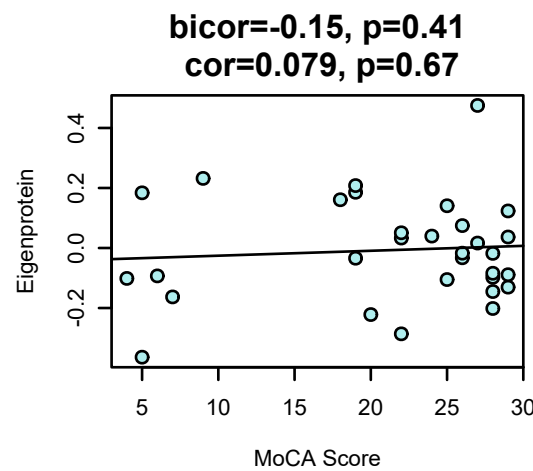
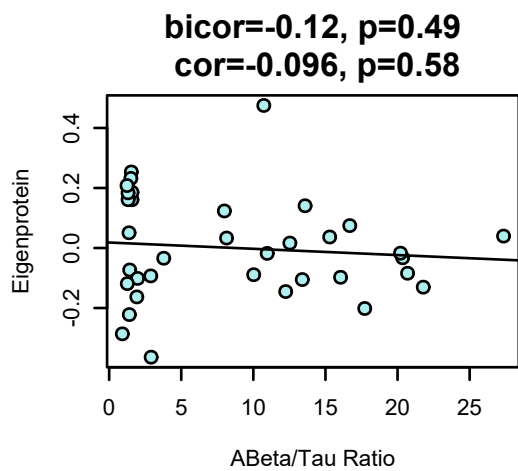
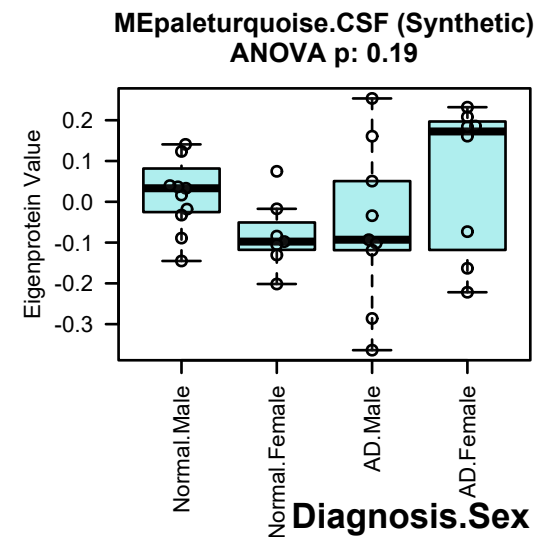
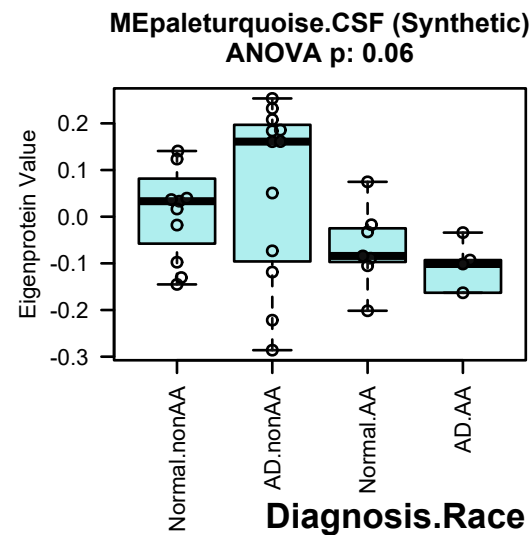
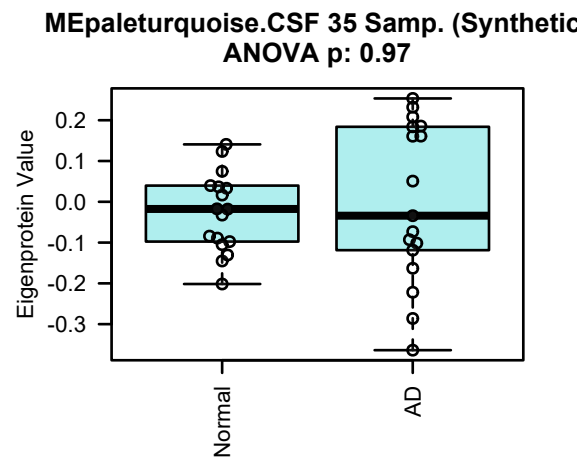
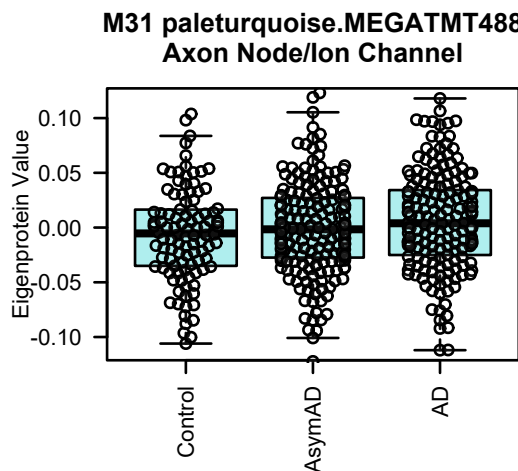
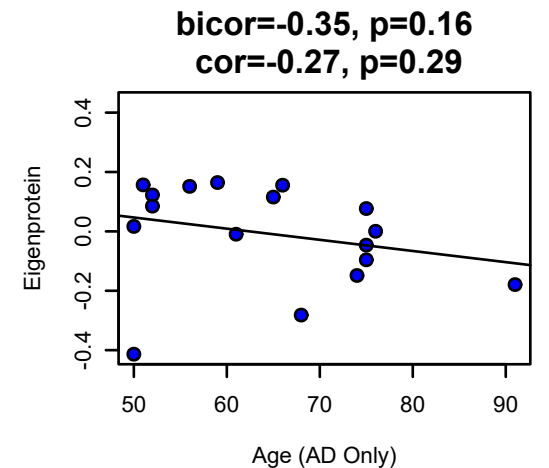
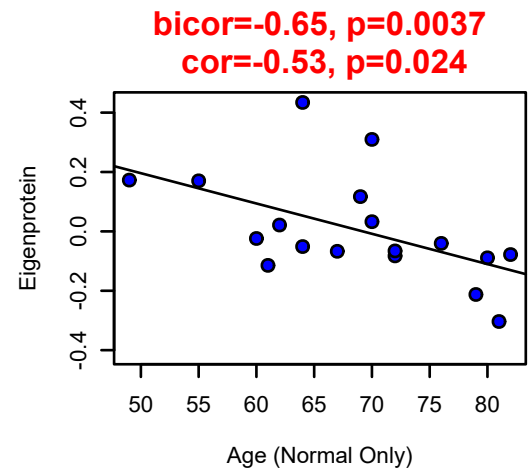
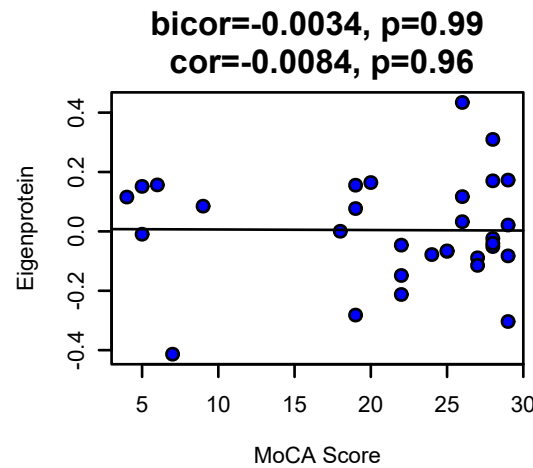
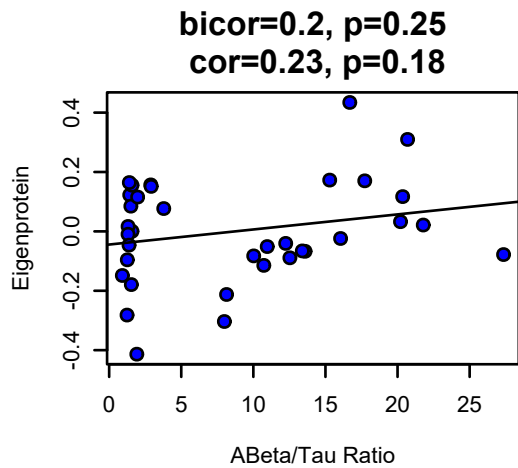
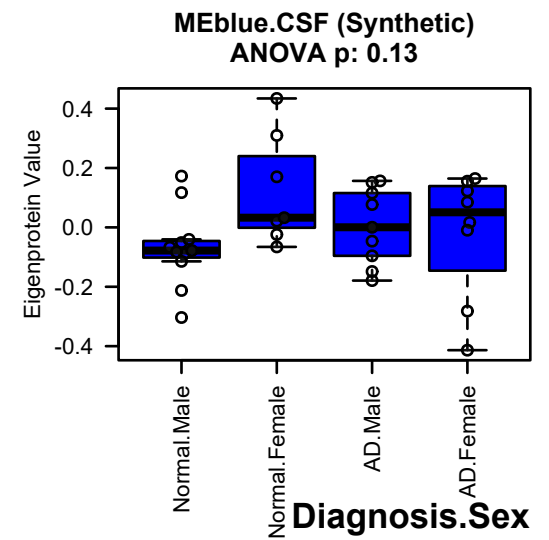
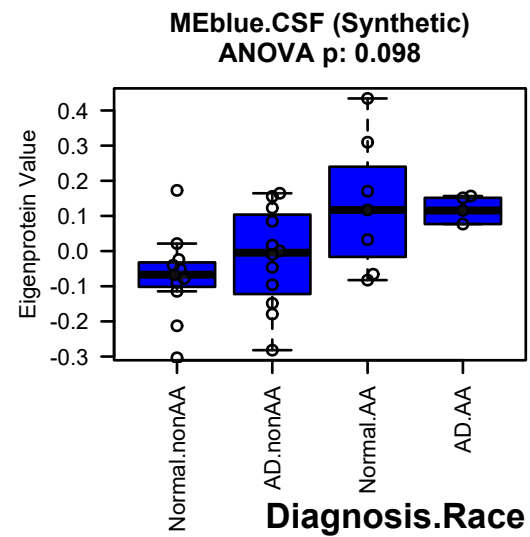
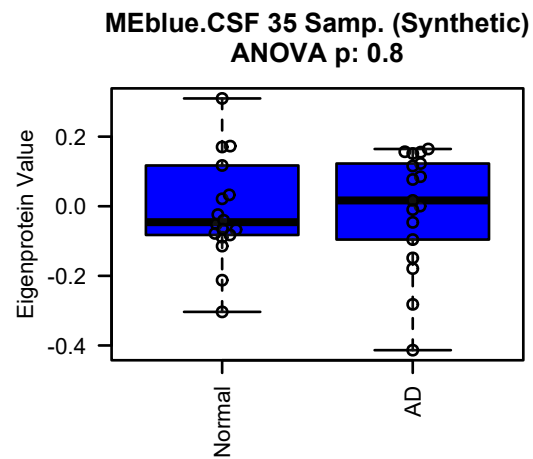
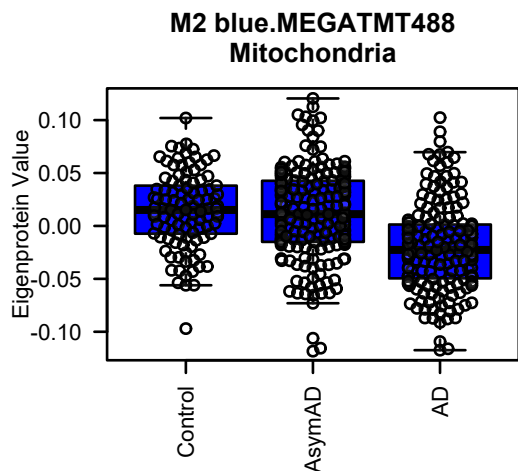
bicor=-0.42, p=0.084
cor=-0.42, p=0.083



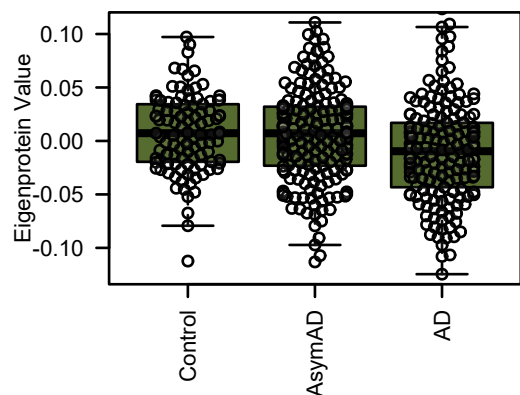
bicor=-0.44, p=0.077
cor=-0.48, p=0.051



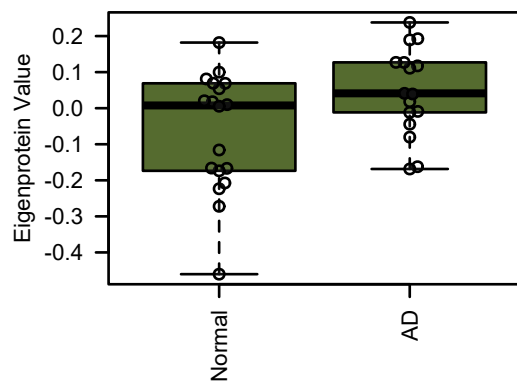




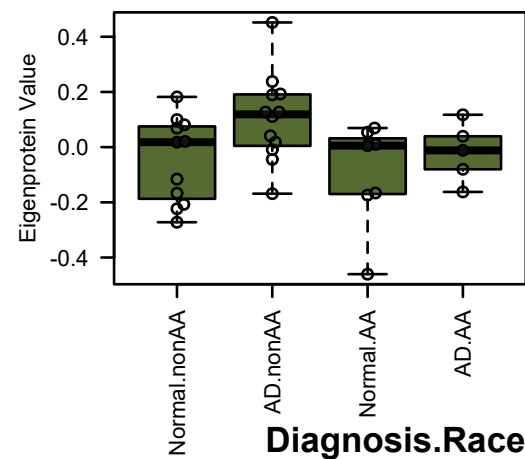
M33 darkolivegreen.MEGATMT488
Ambiguous



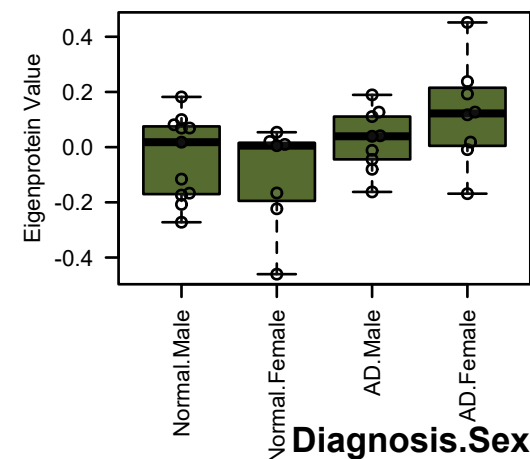
MEdarkolivegreen.CSF 35 Samp. (Synthetic)
ANOVA p: 0.018



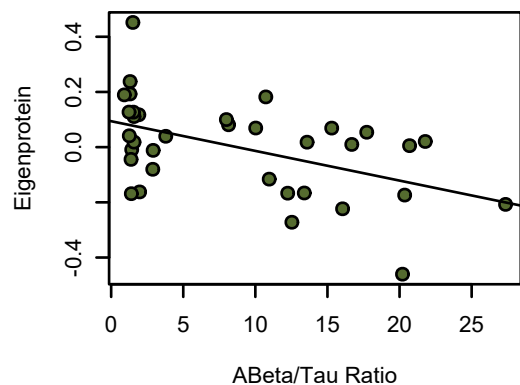
MEdarkolivegreen.CSF (Synthetic)
ANOVA p: 0.046



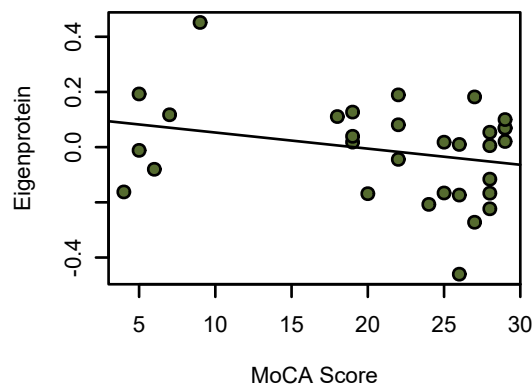
MEdarkolivegreen.CSF (Synthetic)
ANOVA p: 0.05



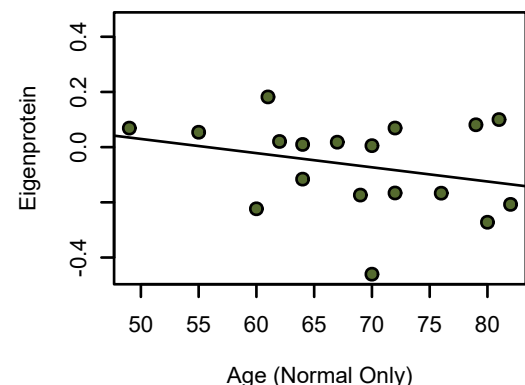
bicor=-0.48, p=0.0035
cor=-0.49, p=0.0028



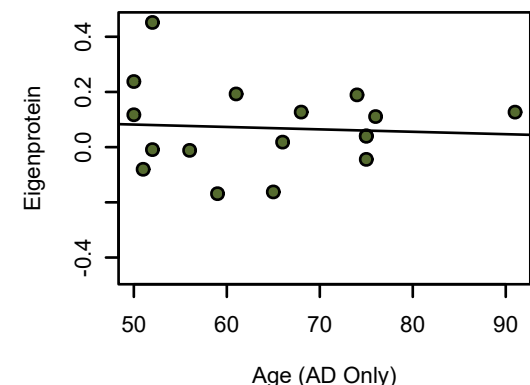
bicor=-0.24, p=0.18
cor=-0.28, p=0.13



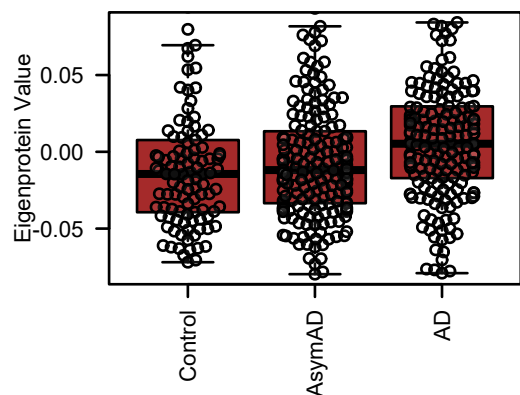
bicor=-0.24, p=0.35
cor=-0.29, p=0.24



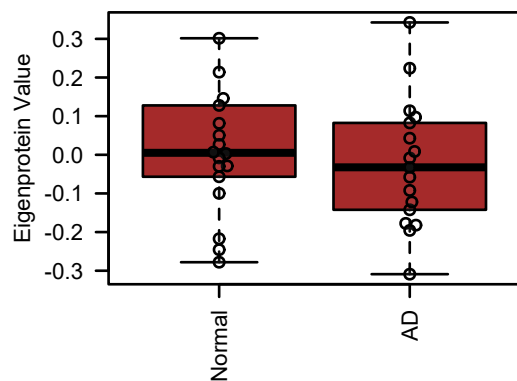
bicor=0.0082, p=0.97
cor=-0.068, p=0.8



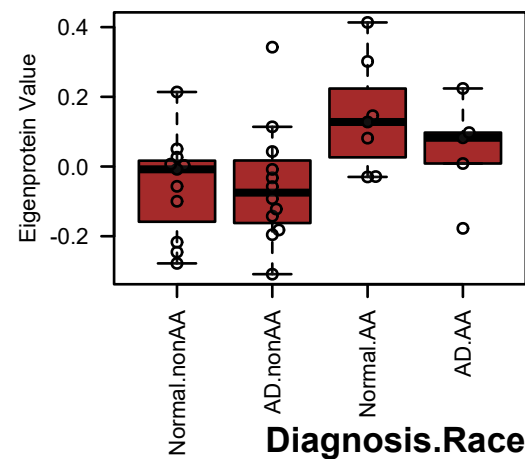
M3 brown.MEGATMT488
Oligo/Myelination



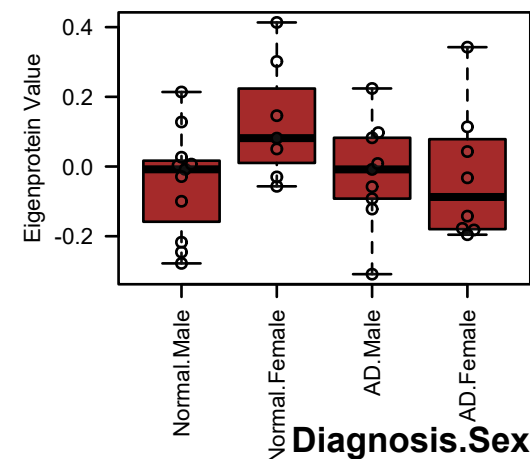
MEbrown.CSF 35 Samp. (Synthetic)
ANOVA p: 0.43



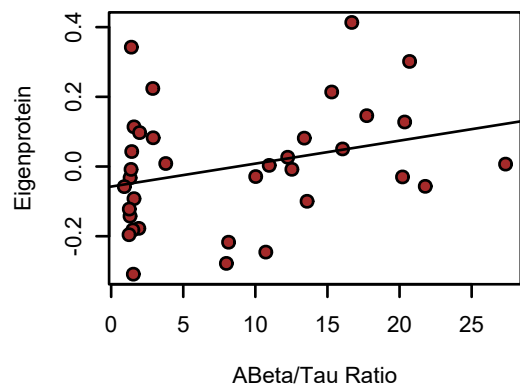
MEbrown.CSF (Synthetic)
ANOVA p: 0.046



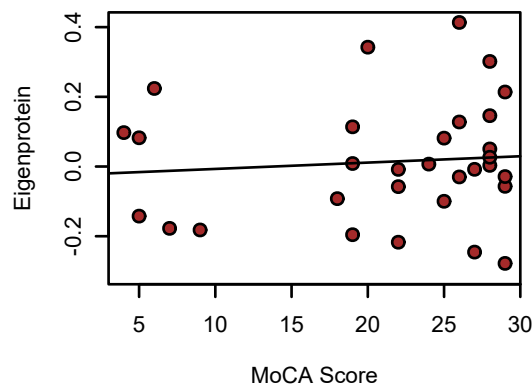
MEbrown.CSF (Synthetic)
ANOVA p: 0.16



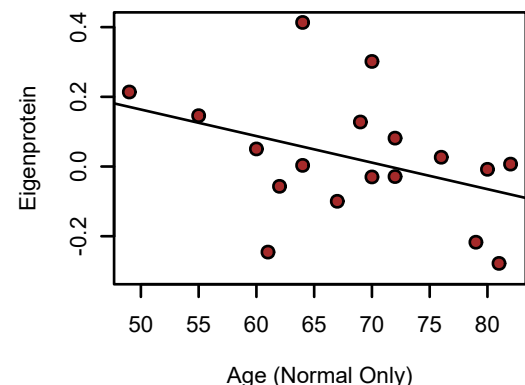
bicor=0.31, p=0.067
cor=0.3, p=0.08



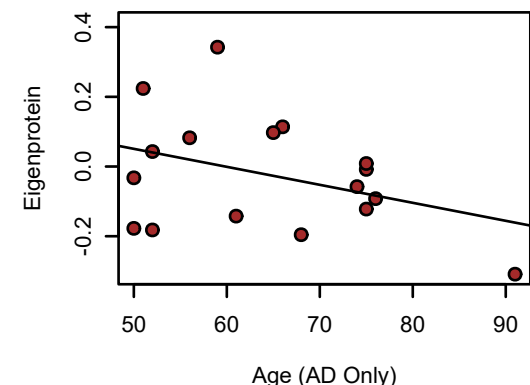
bicor=0.14, p=0.45
cor=0.088, p=0.64



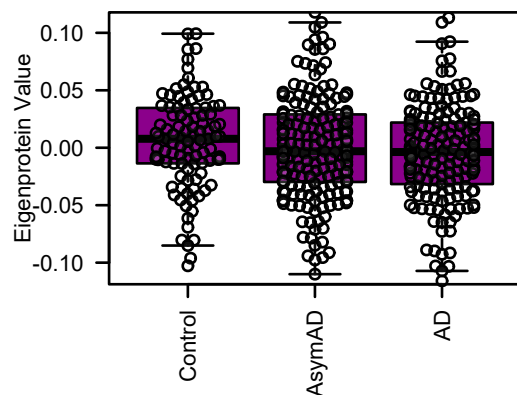
bicor=-0.41, p=0.095
cor=-0.39, p=0.11



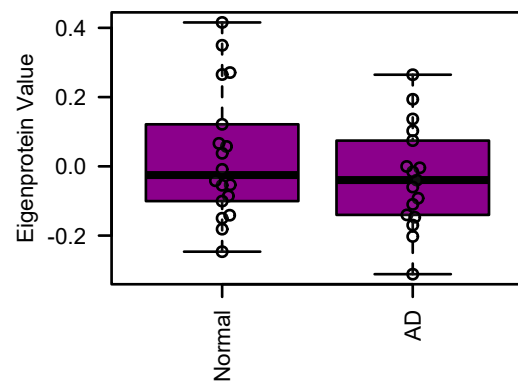
bicor=-0.35, p=0.17
cor=-0.38, p=0.13



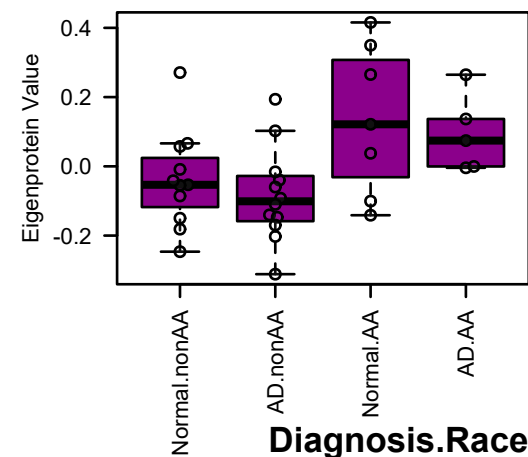
M34 darkmagenta.MEGATMT488
Ambiguous



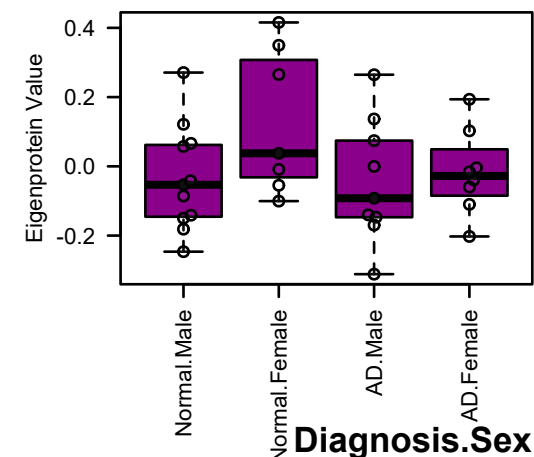
MEdarkmagenta.CSF 35 Samp. (Synthetic)
ANOVA p: 0.31



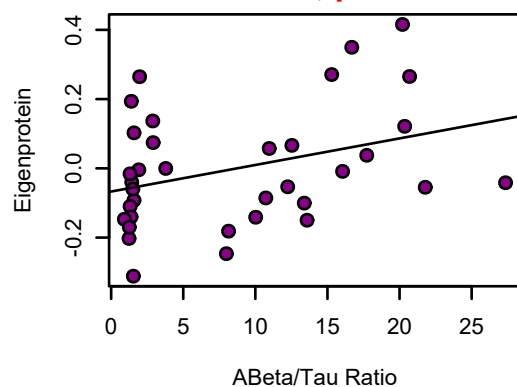
MEdarkmagenta.CSF (Synthetic)
ANOVA p: 0.019



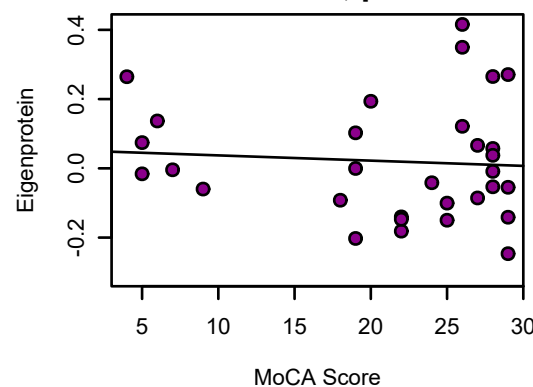
MEdarkmagenta.CSF (Synthetic)
ANOVA p: 0.17



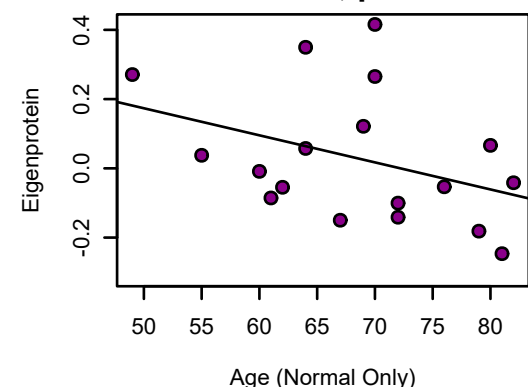
bicor=0.34, p=0.049
cor=0.35, p=0.039



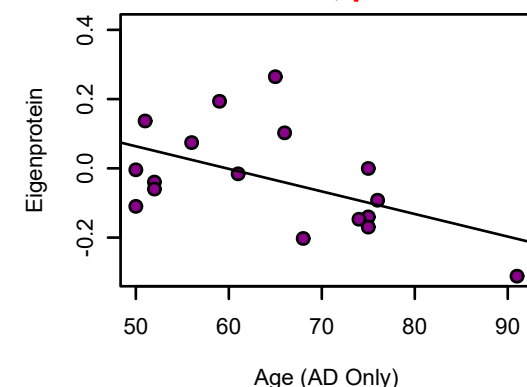
bicor=0.049, p=0.79
cor=-0.075, p=0.69



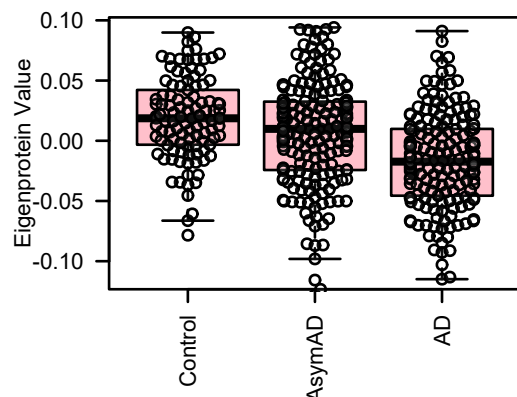
bicor=-0.42, p=0.086
cor=-0.38, p=0.12



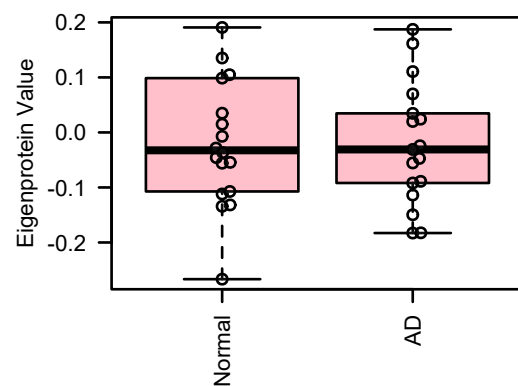
bicor=-0.52, p=0.032
cor=-0.52, p=0.032



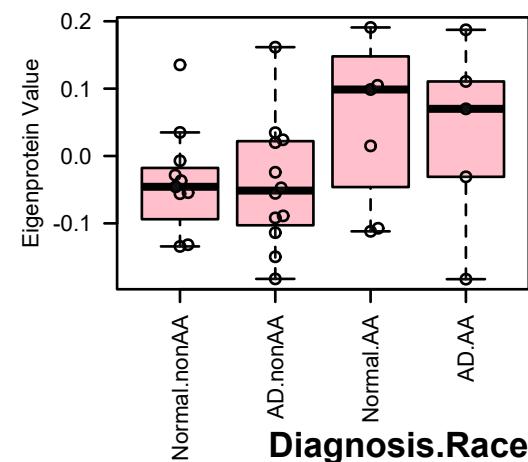
M8 pink.MEGATMT488
Protein Transport



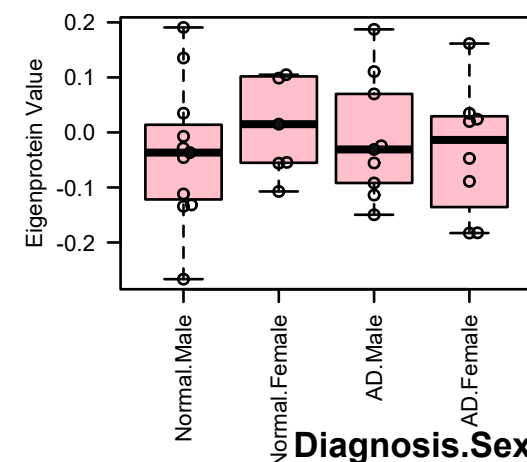
MEpink.CSF 35 Samp. (Synthetic)
ANOVA p: 0.49



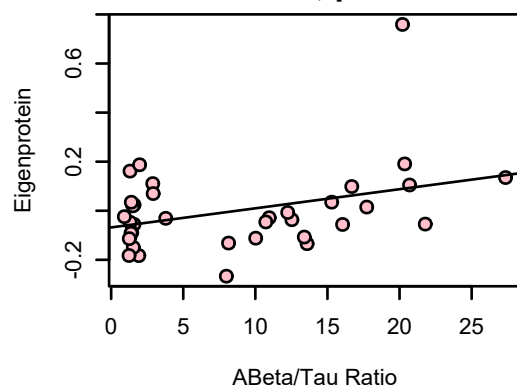
MEpink.CSF (Synthetic)
ANOVA p: 0.089



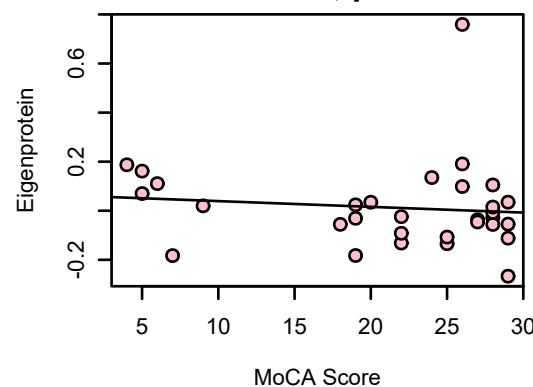
MEpink.CSF (Synthetic)
ANOVA p: 0.31



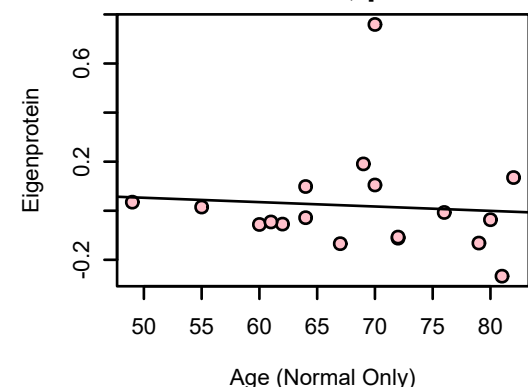
bicor=0.24, p=0.17
cor=0.36, p=0.034



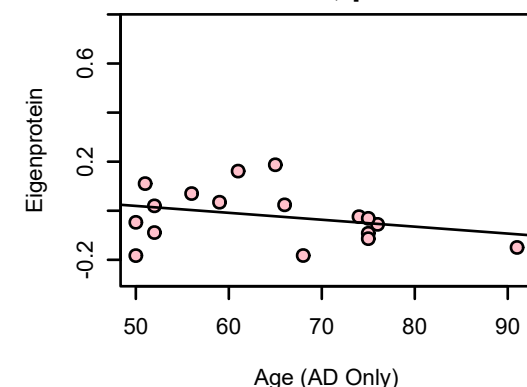
bicor=-0.11, p=0.57
cor=-0.11, p=0.56

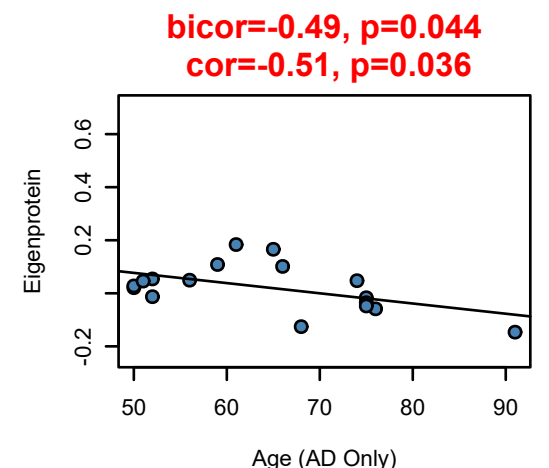
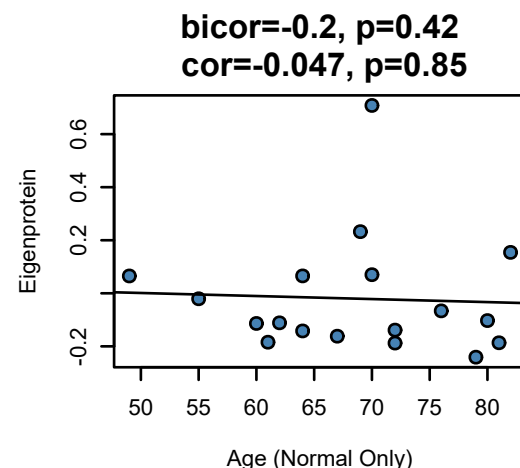
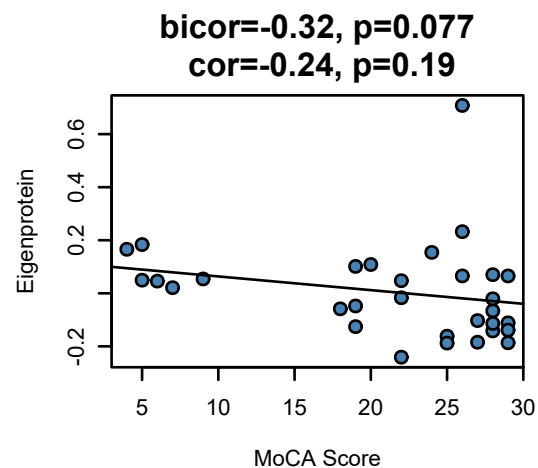
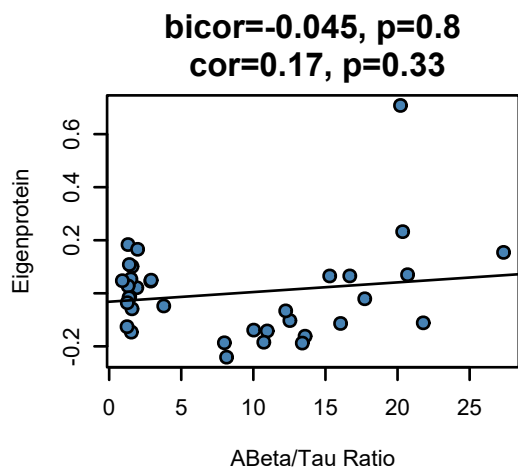
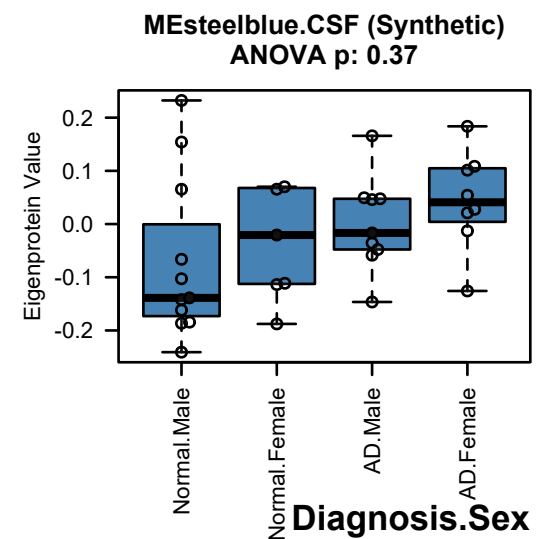
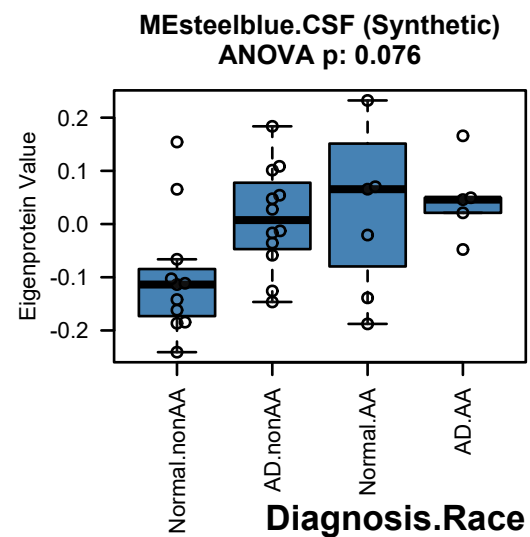
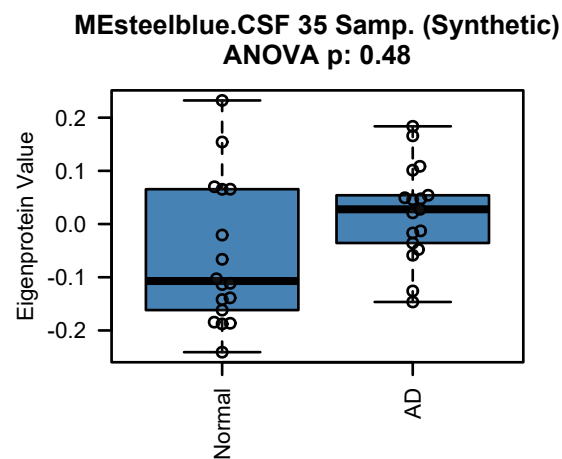
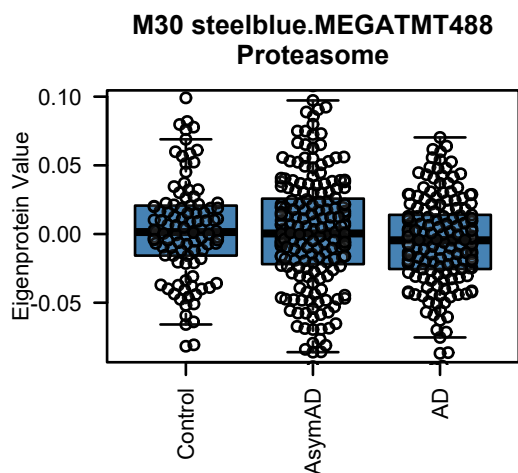
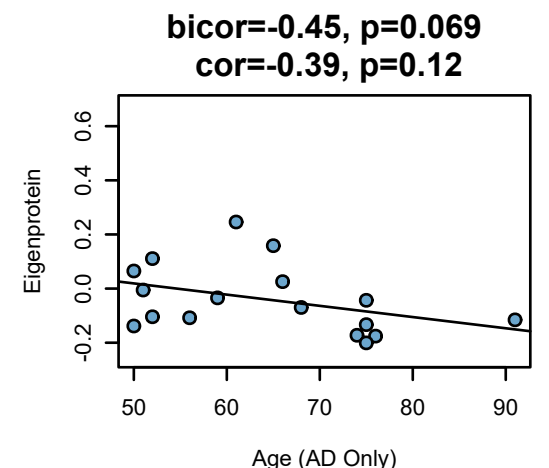
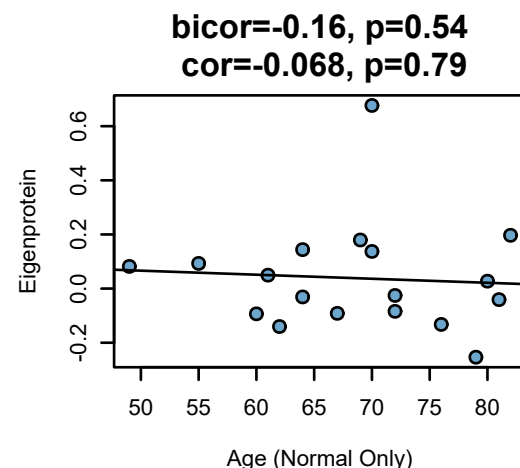
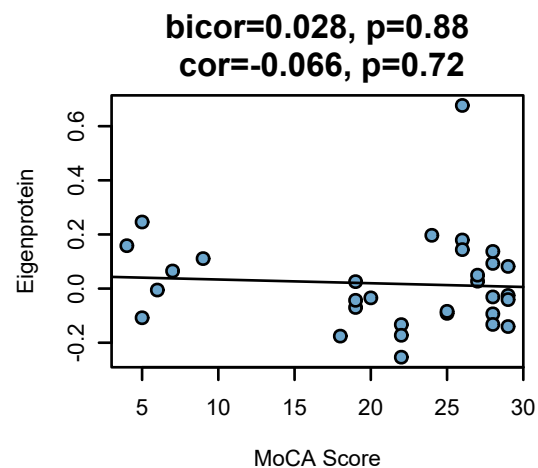
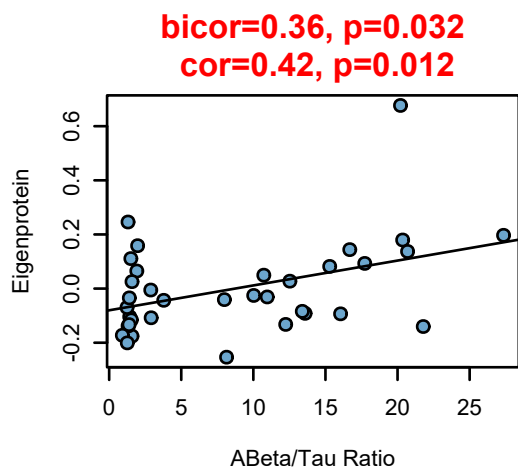
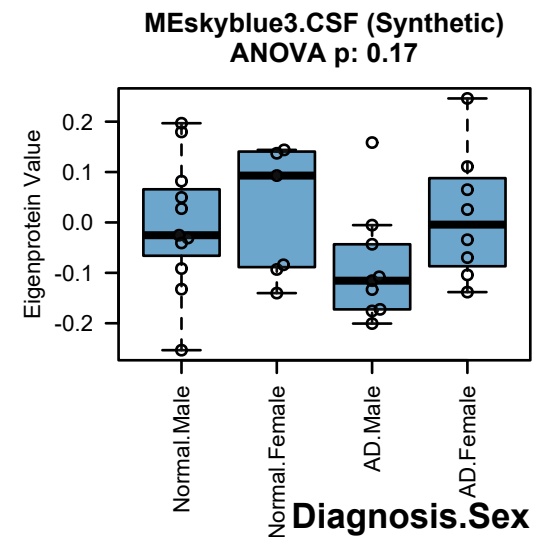
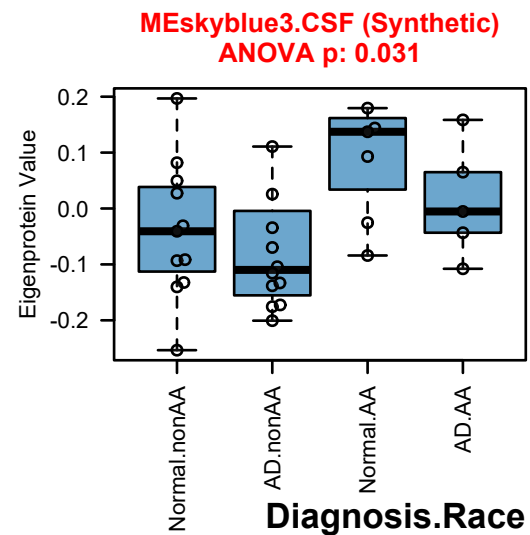
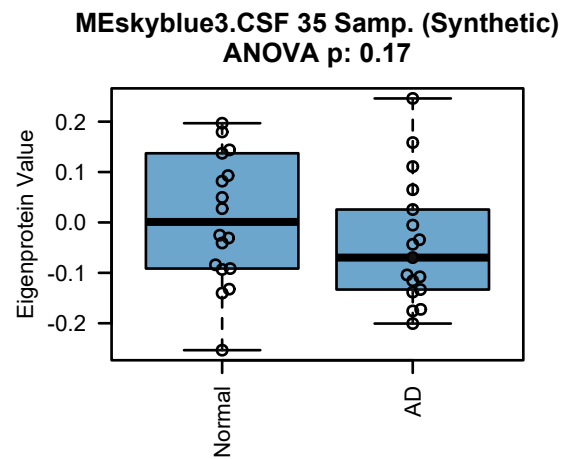
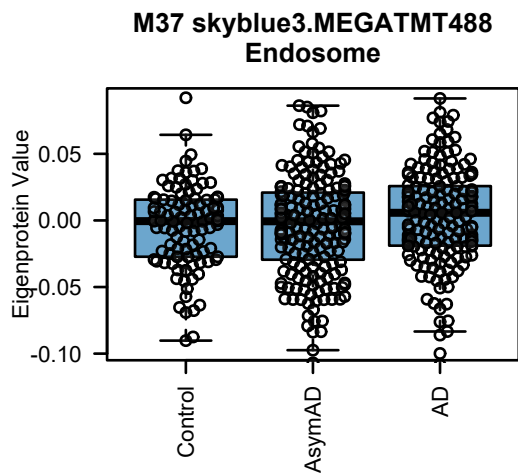


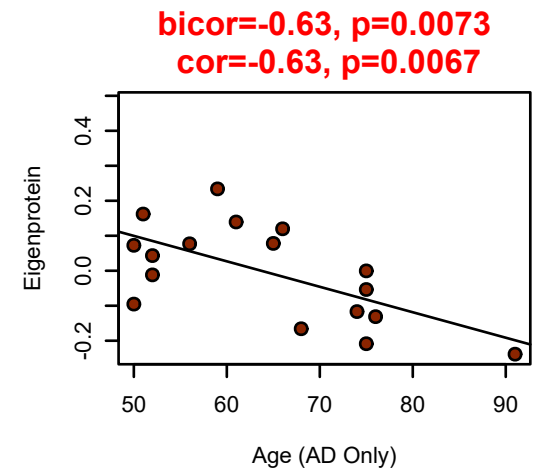
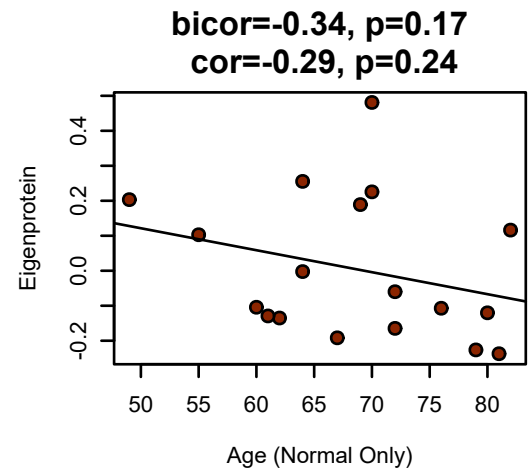
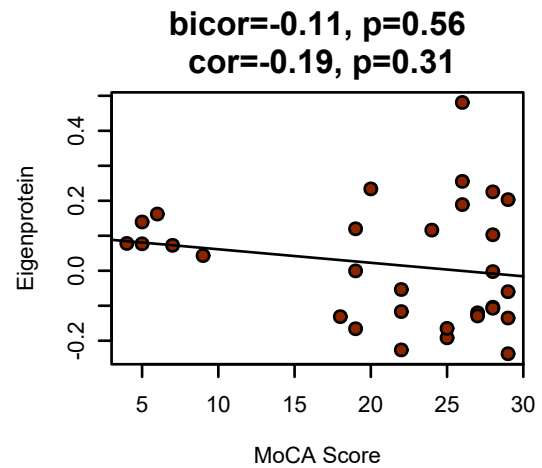
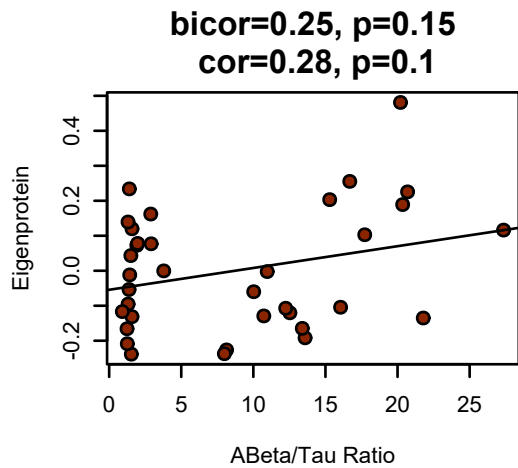
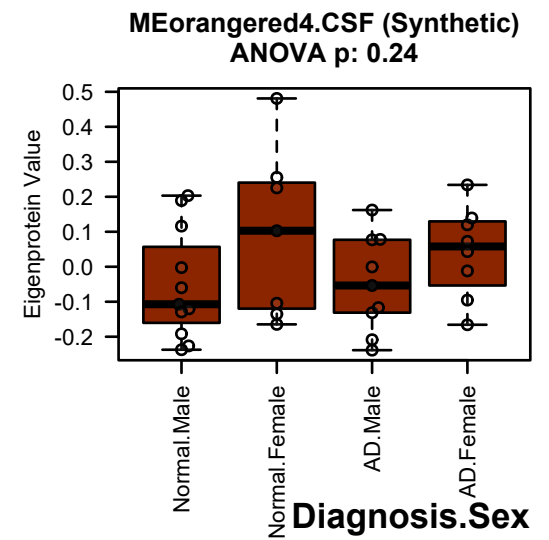
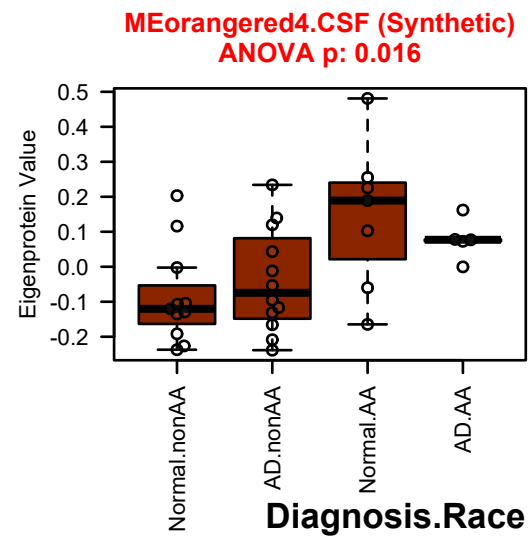
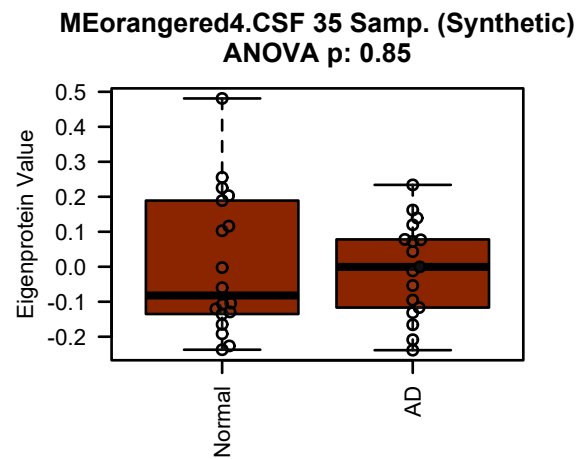
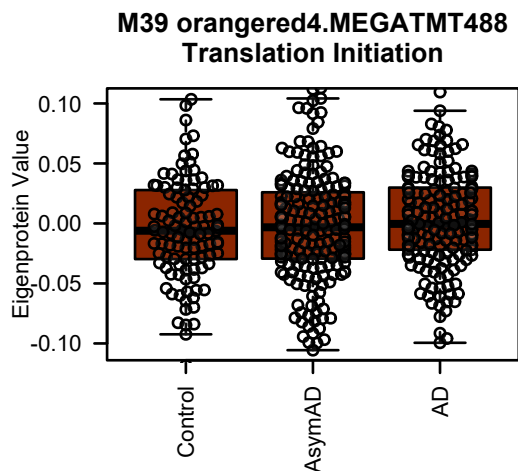
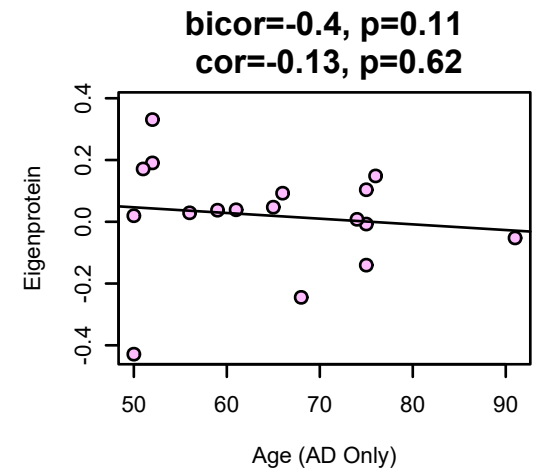
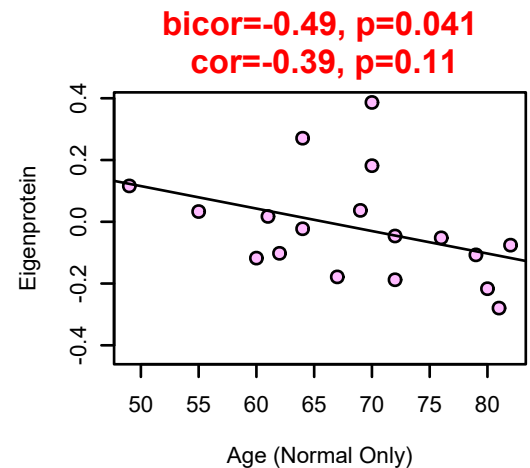
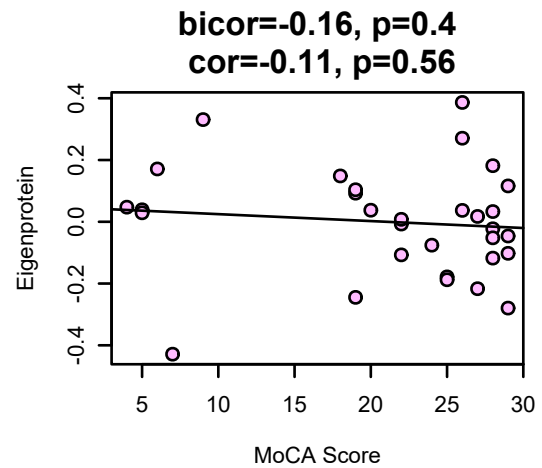
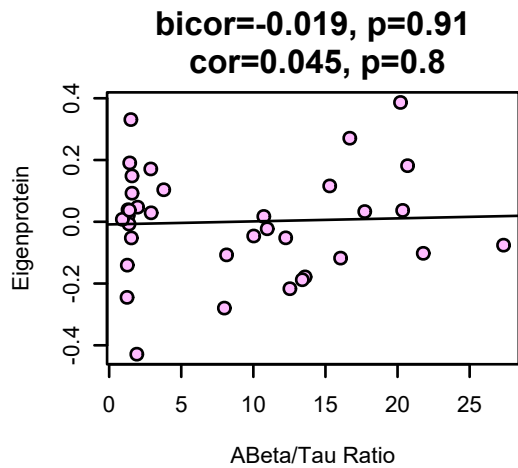
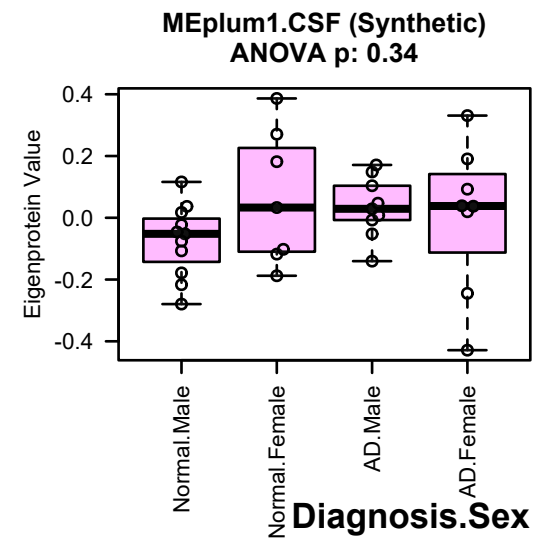
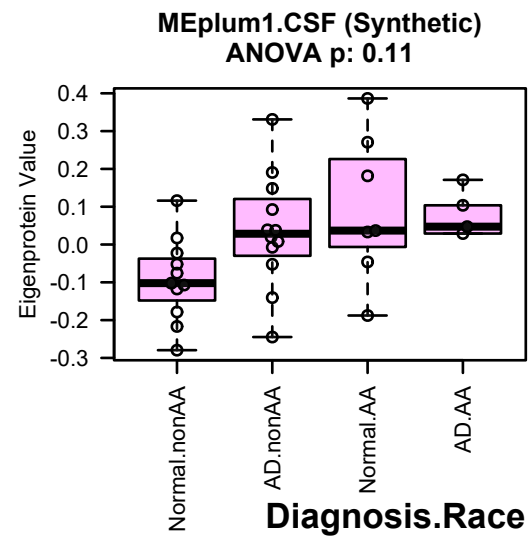
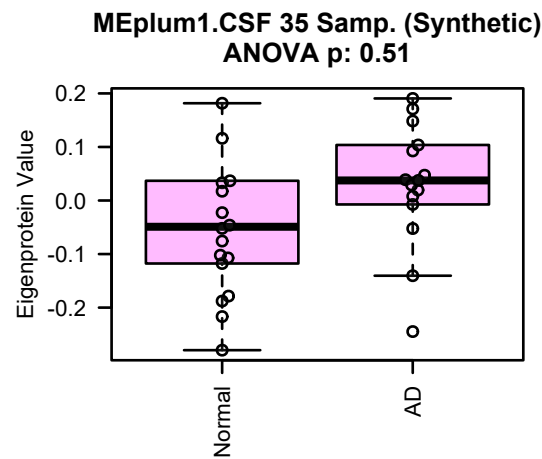
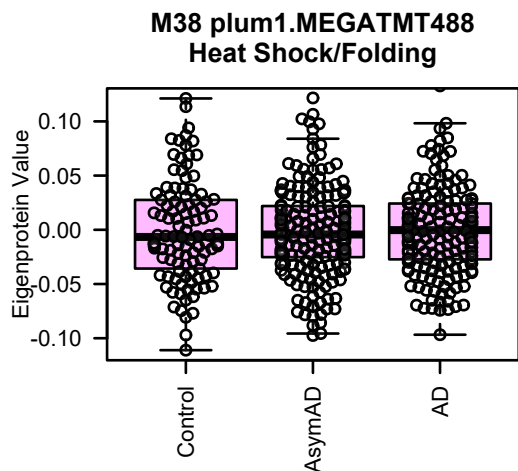
bicor=-0.22, p=0.37
cor=-0.076, p=0.76

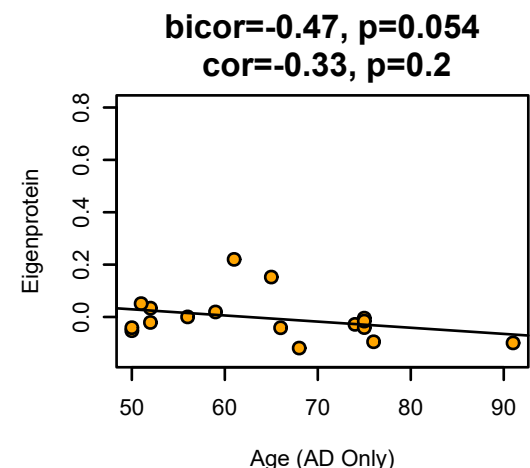
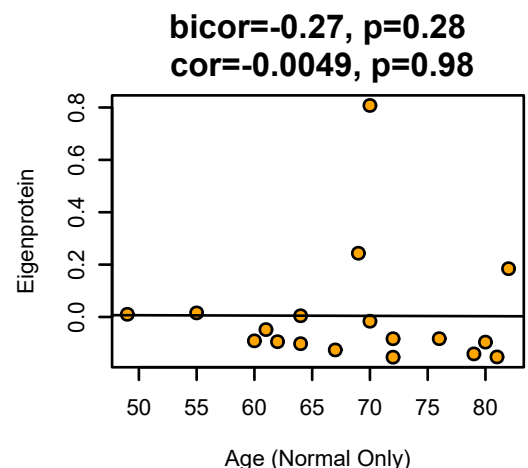
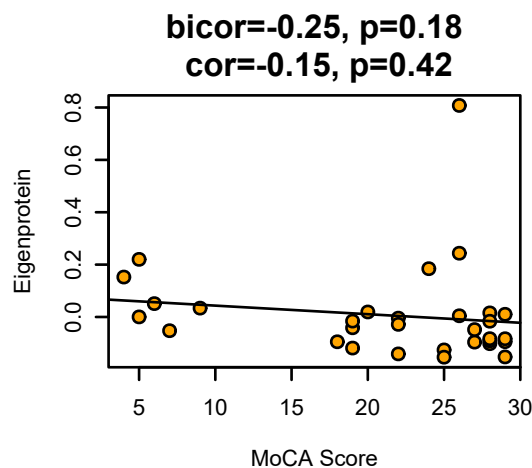
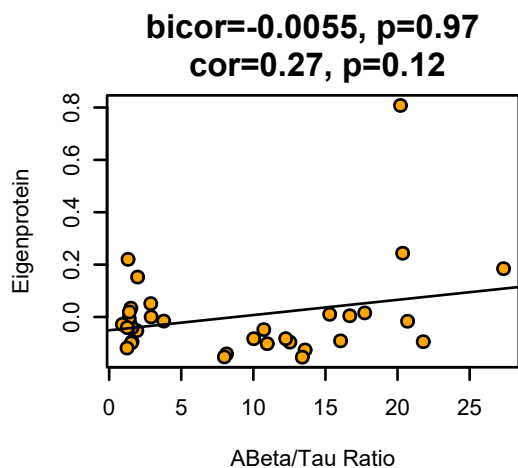
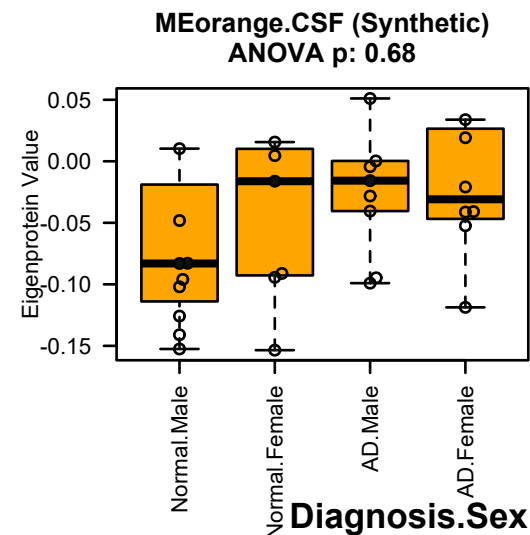
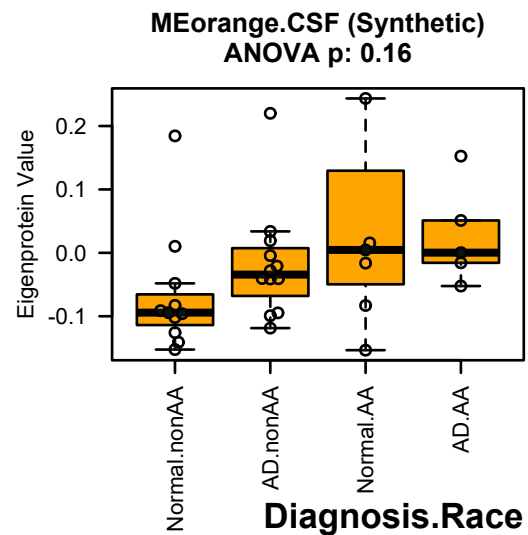
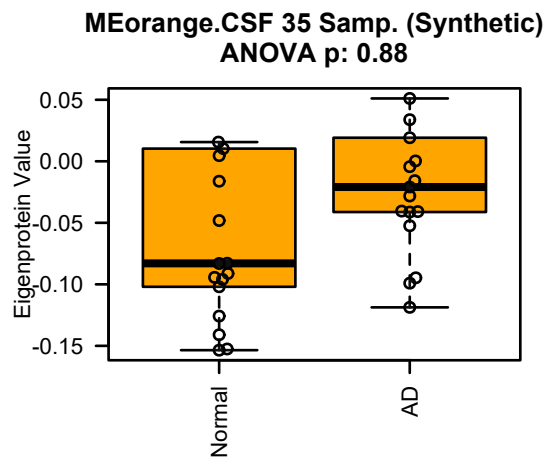
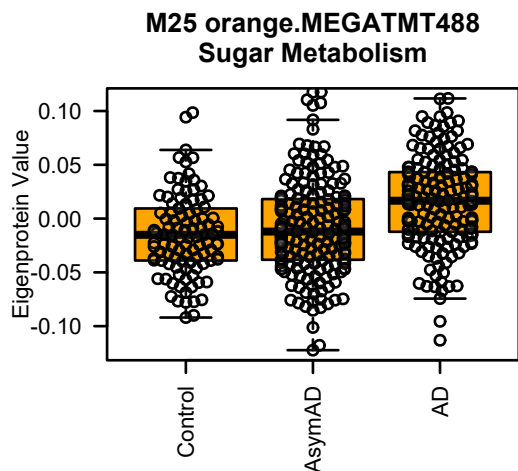
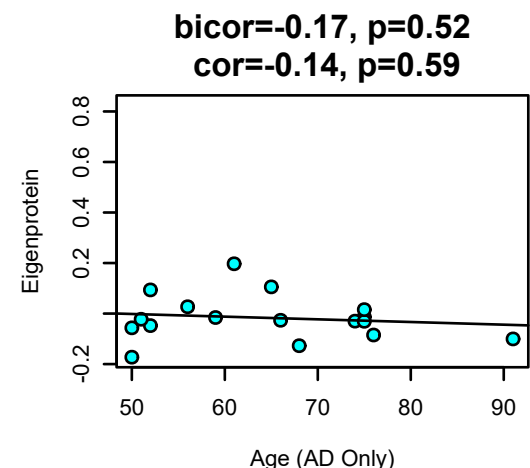
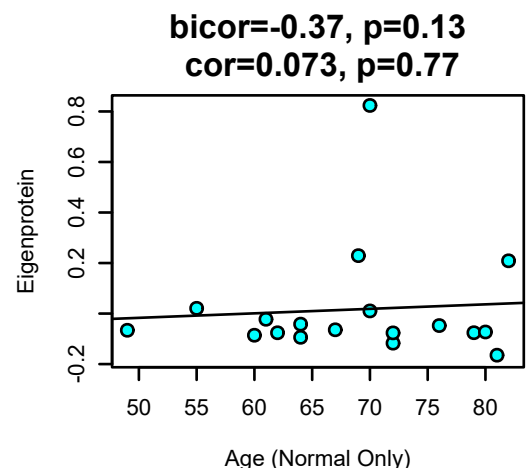
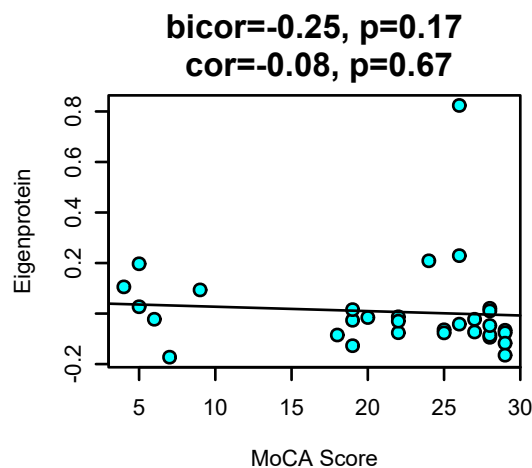
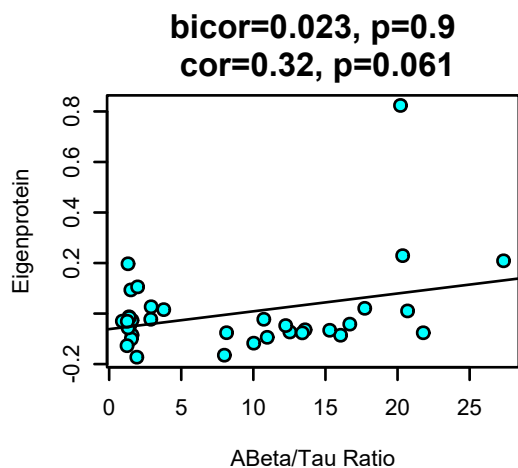
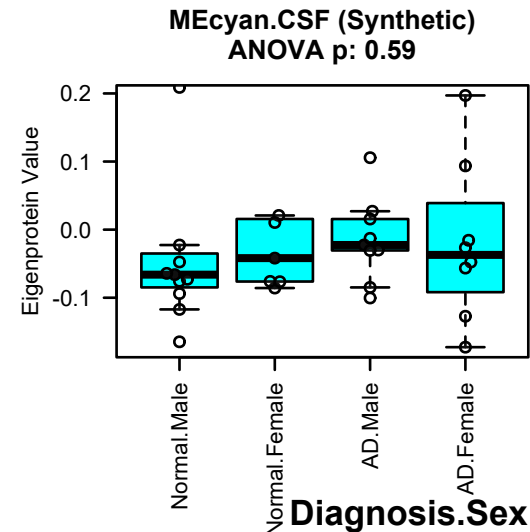
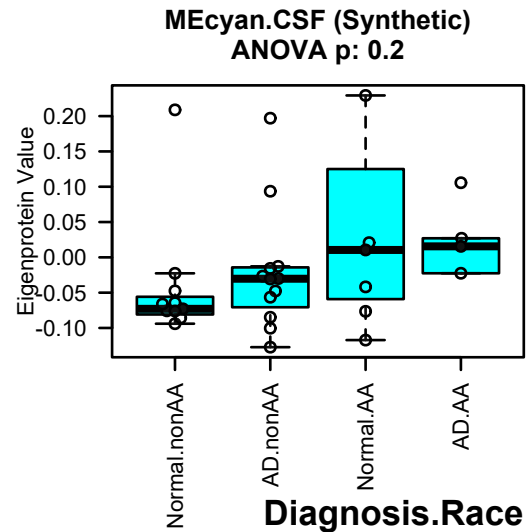
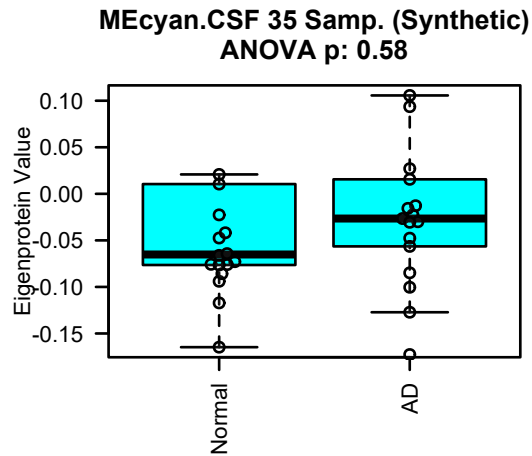
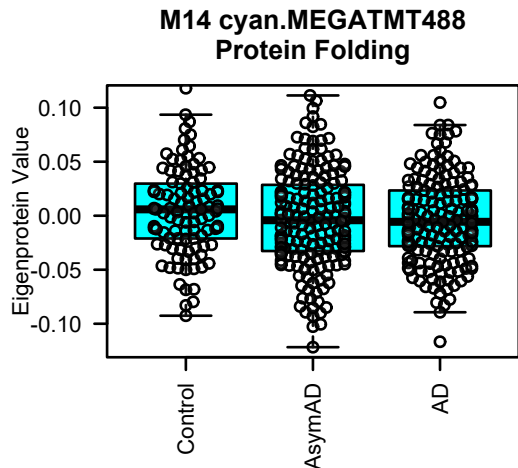


bicor=-0.33, p=0.2
cor=-0.3, p=0.24

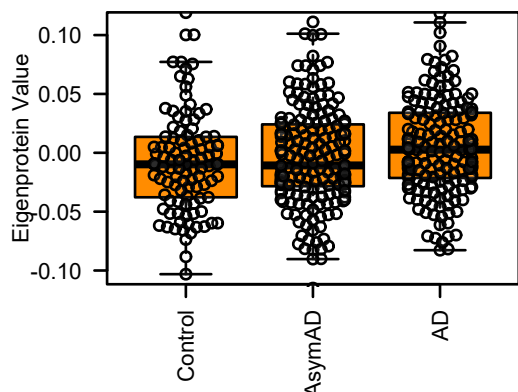




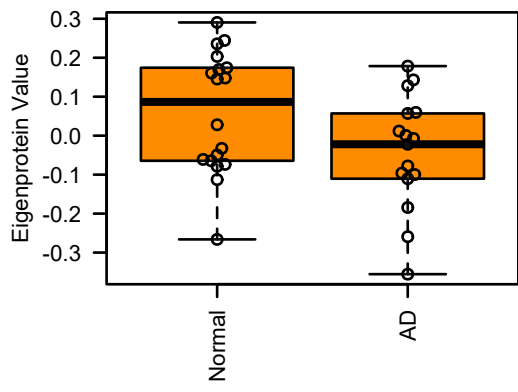




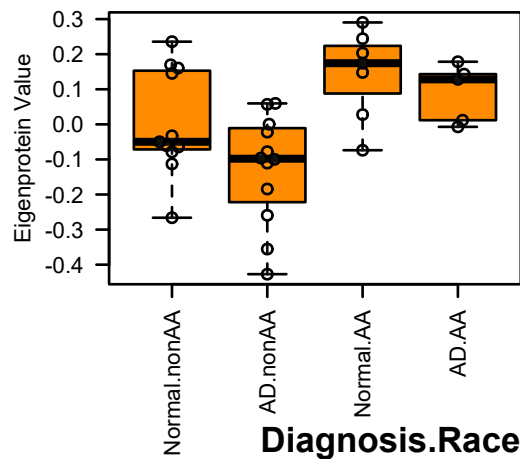
M26 darkorange.MEGATMT488
Complement/Acute Phase



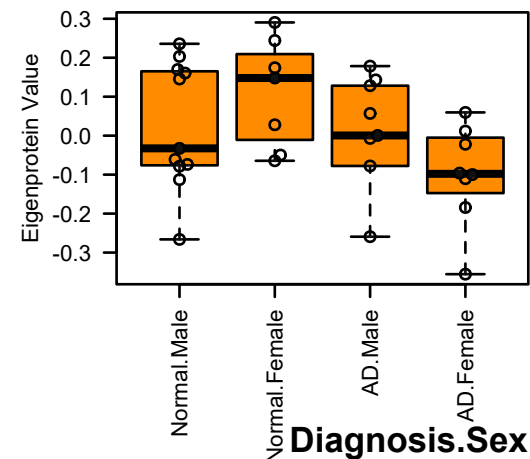
MEdarkorange.CSF 35 Samp. (Synthetic)
ANOVA p: 0.034



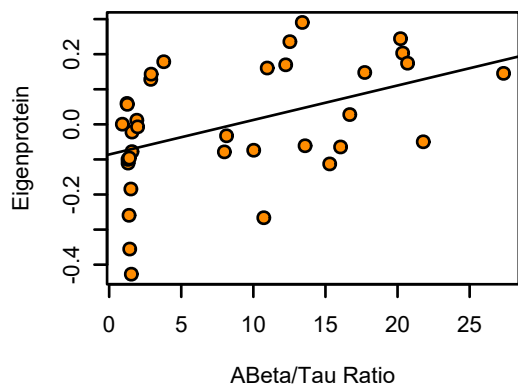
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.0018



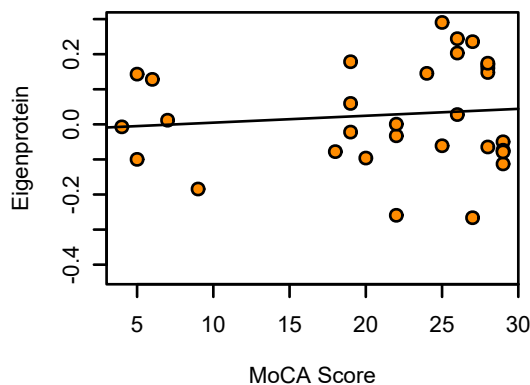
MEdarkorange.CSF (Synthetic)
ANOVA p: 0.1



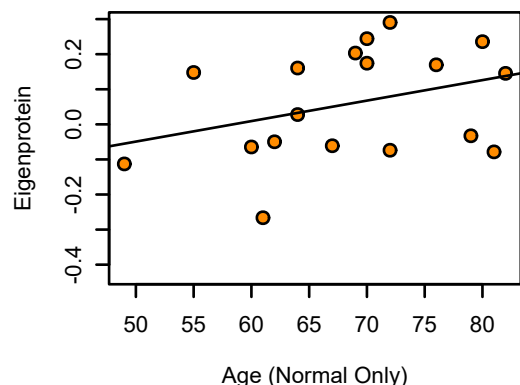
bicor=0.45, p=0.0065
cor=0.45, p=0.0067



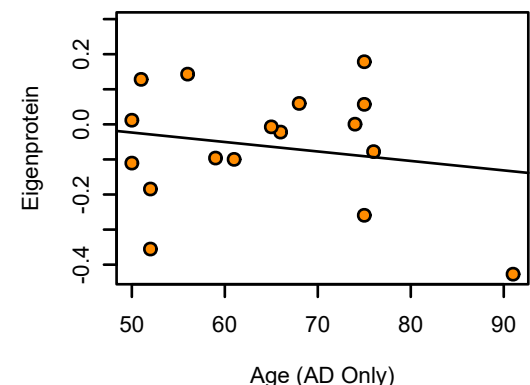
bicor=0.1, p=0.58
cor=0.11, p=0.56



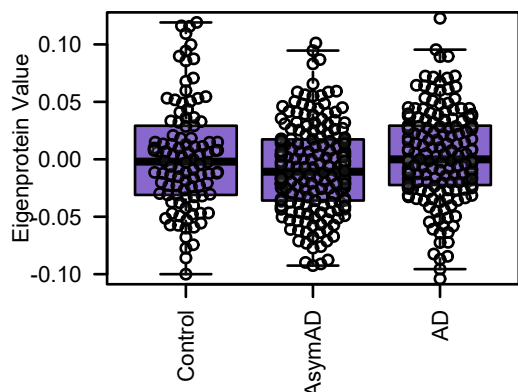
bicor=0.35, p=0.15
cor=0.34, p=0.17



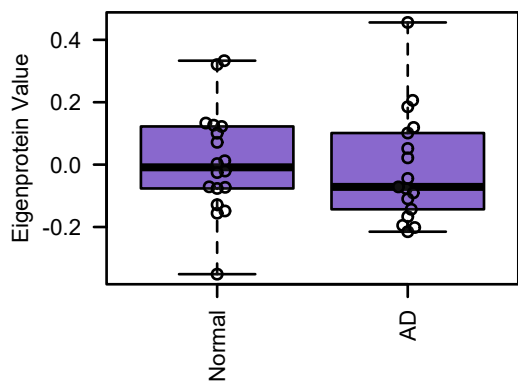
bicor=-0.05, p=0.85
cor=-0.19, p=0.47



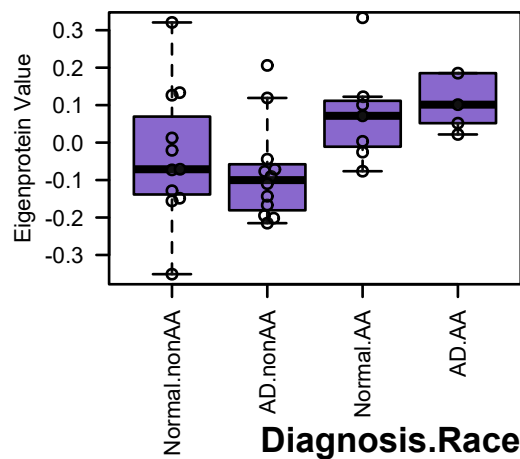
M40 mediumpurple3.MEGATMT488
Ambiguous



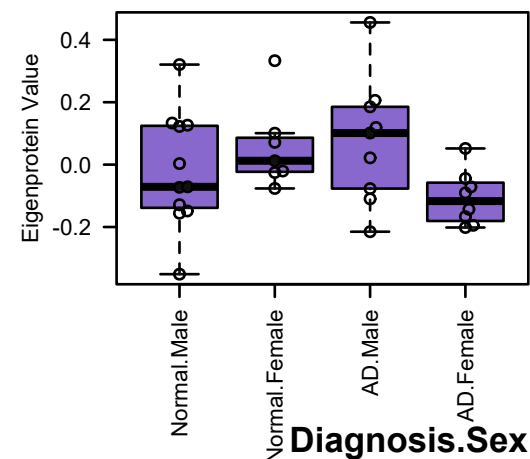
MEmediumpurple3.CSF 35 Samp. (Synthetic)
ANOVA p: 0.74



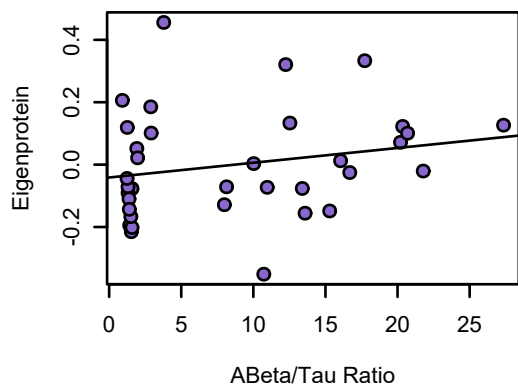
MEmediumpurple3.CSF (Synthetic)
ANOVA p: 0.021



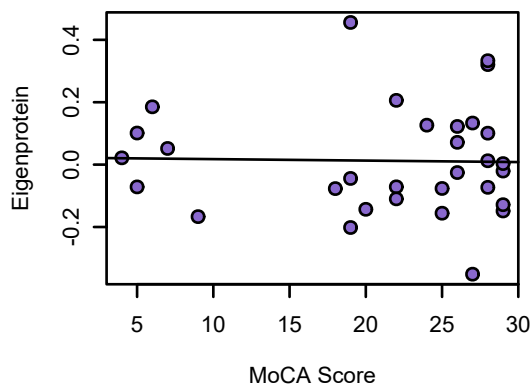
MEmediumpurple3.CSF (Synthetic)
ANOVA p: 0.11



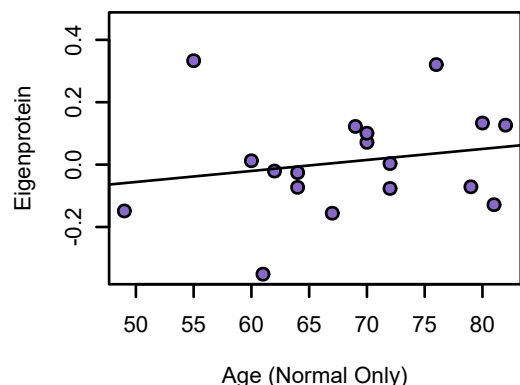
bicor=0.25, p=0.15
cor=0.22, p=0.2



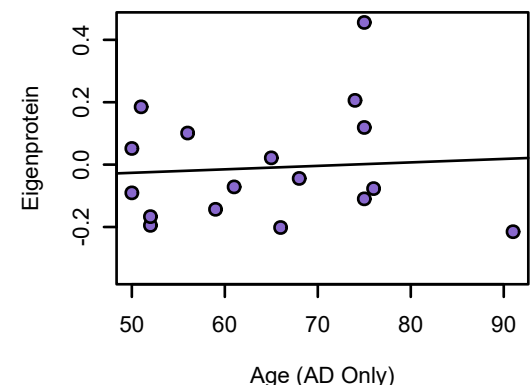
bicor=0.015, p=0.94
cor=-0.023, p=0.9

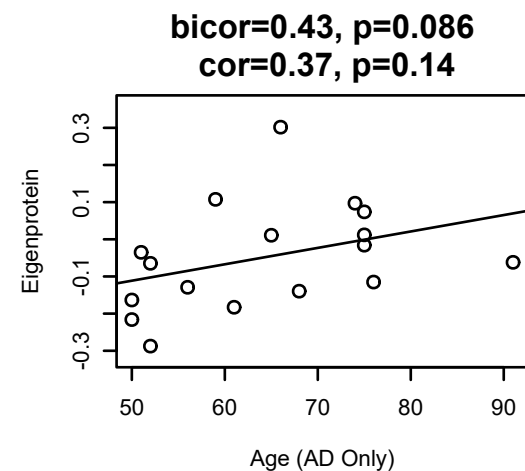
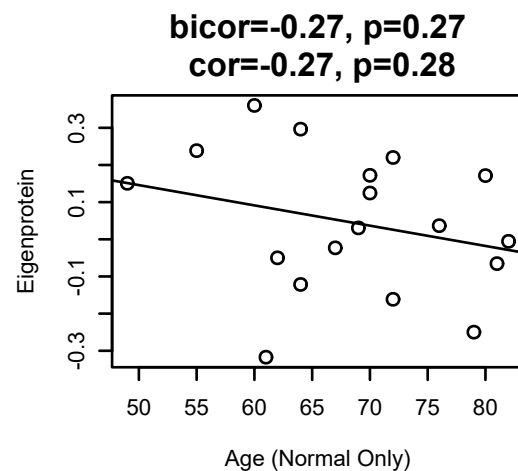
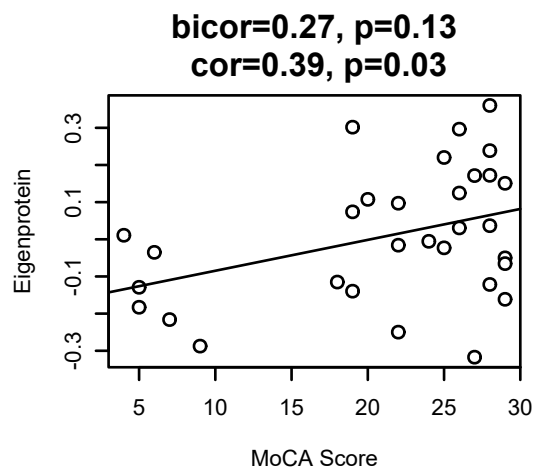
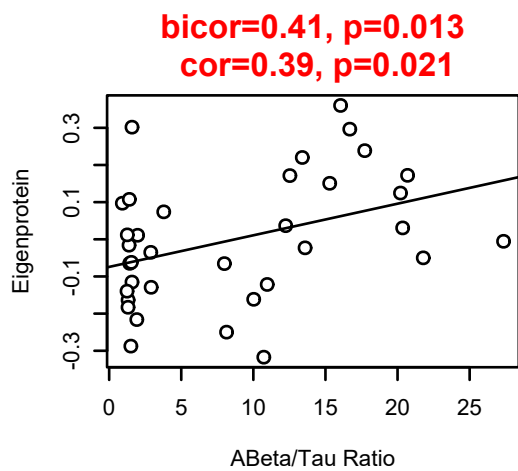
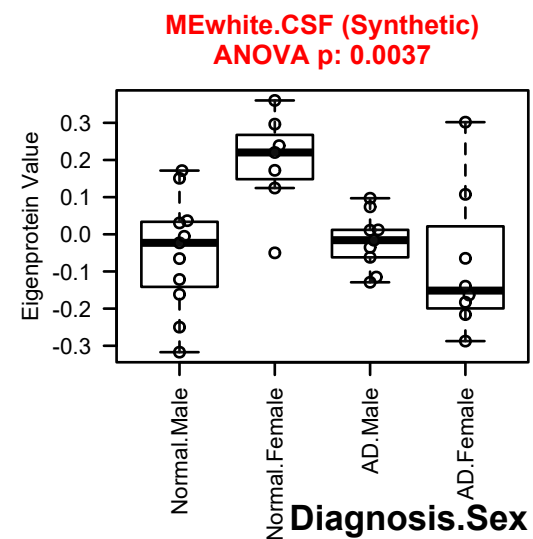
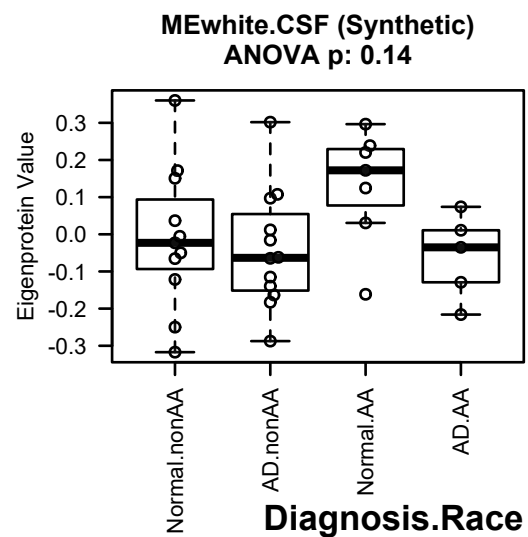
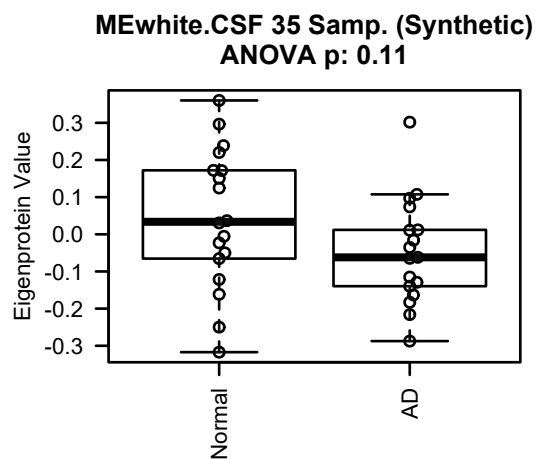
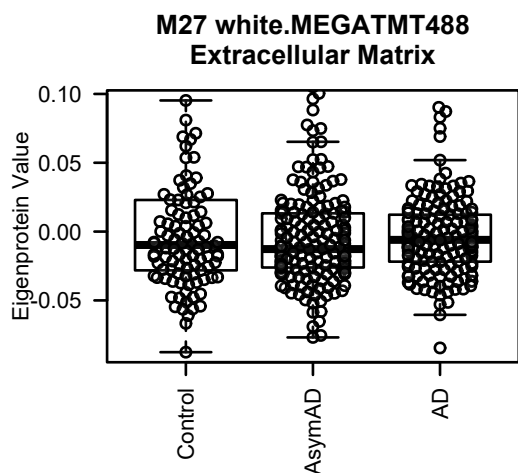
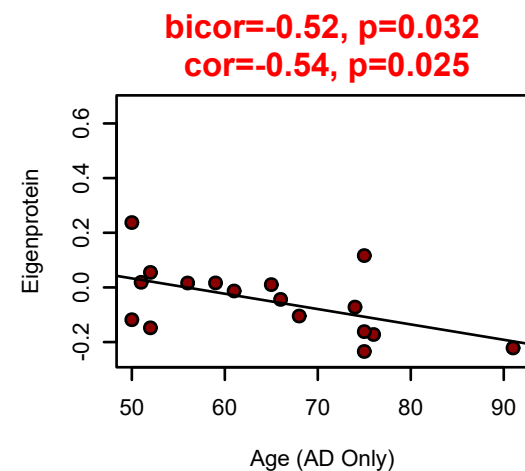
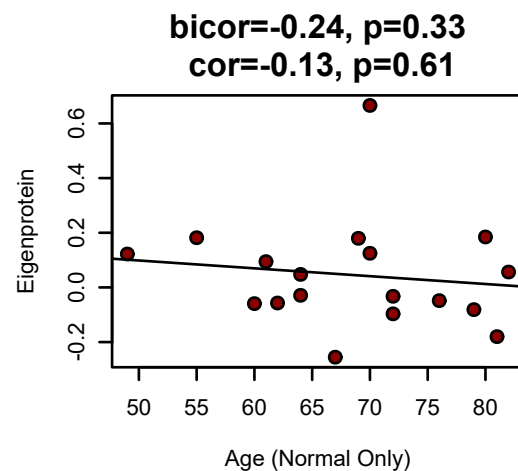
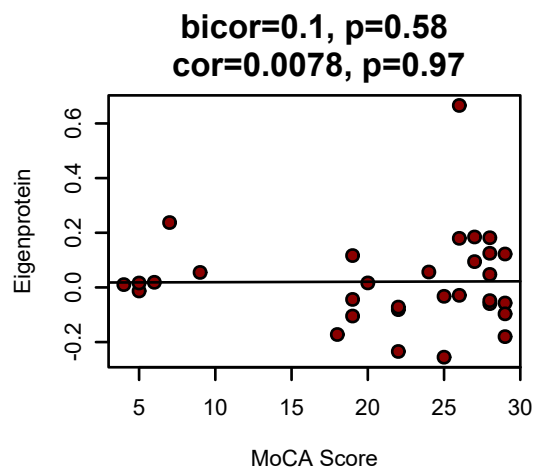
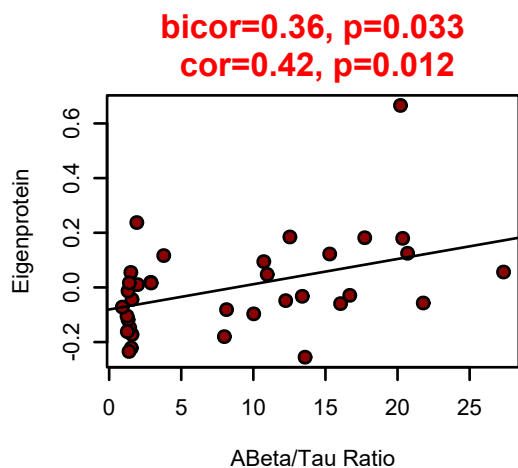
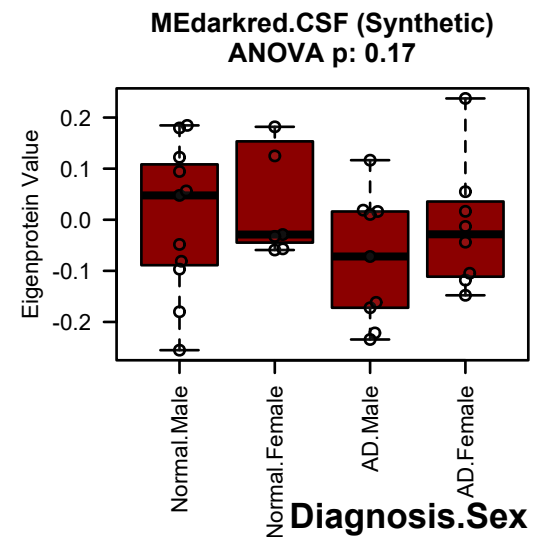
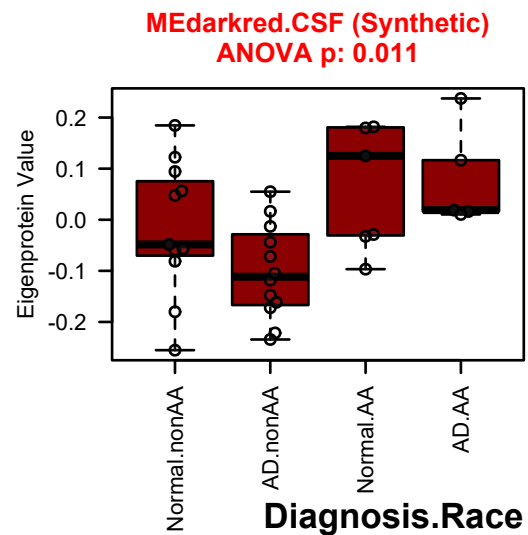
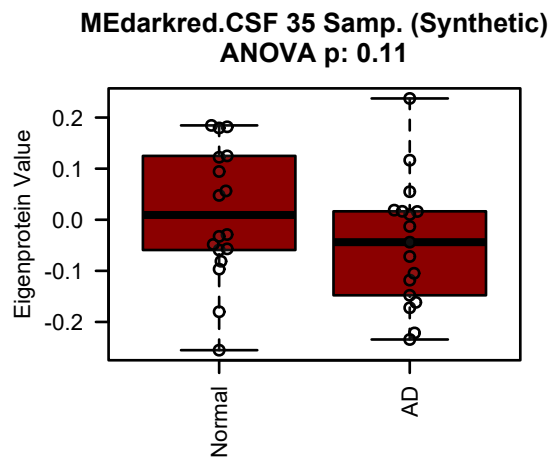
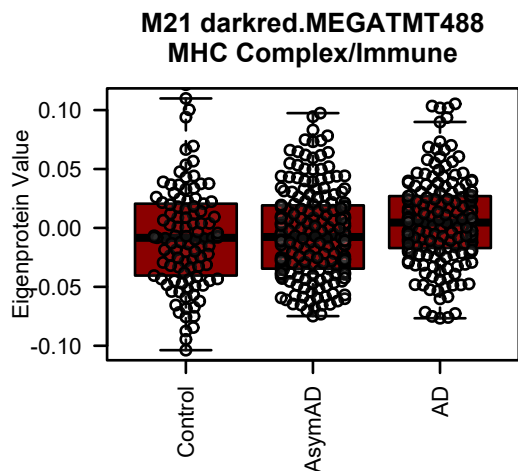


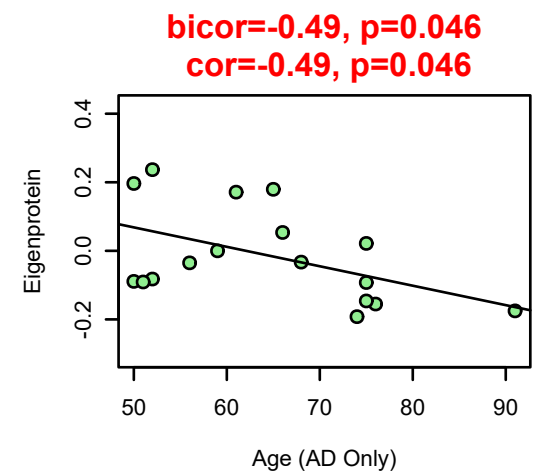
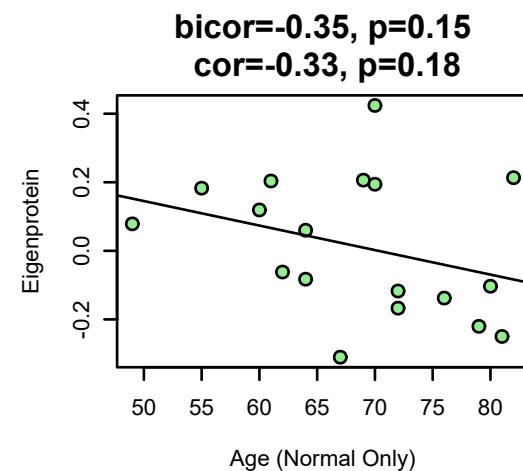
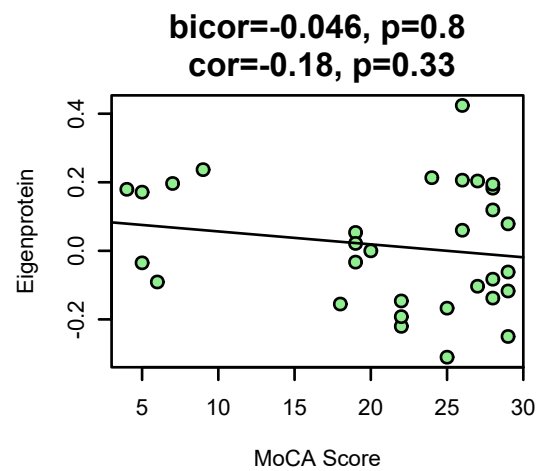
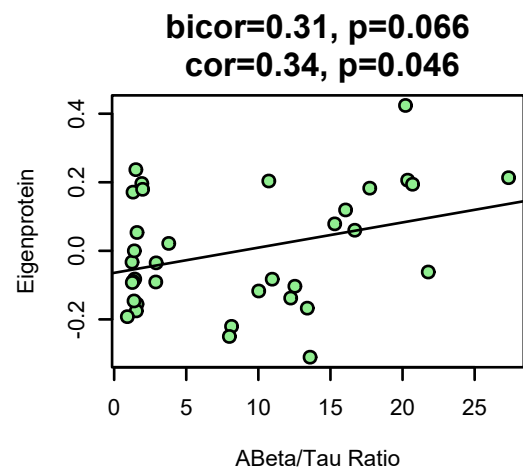
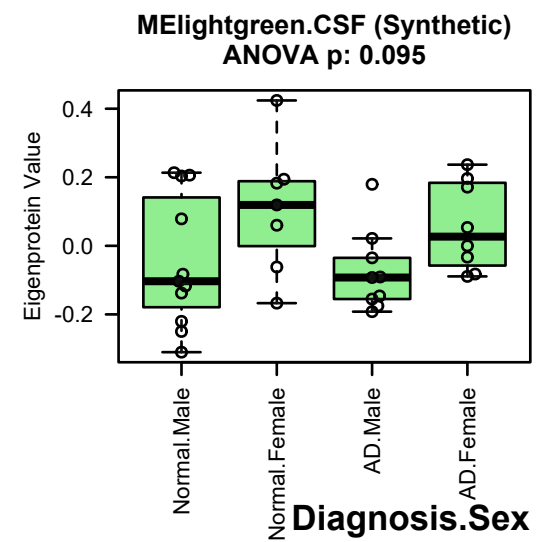
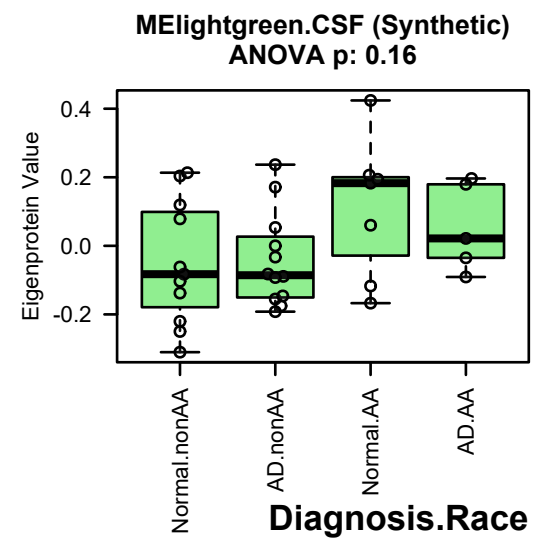
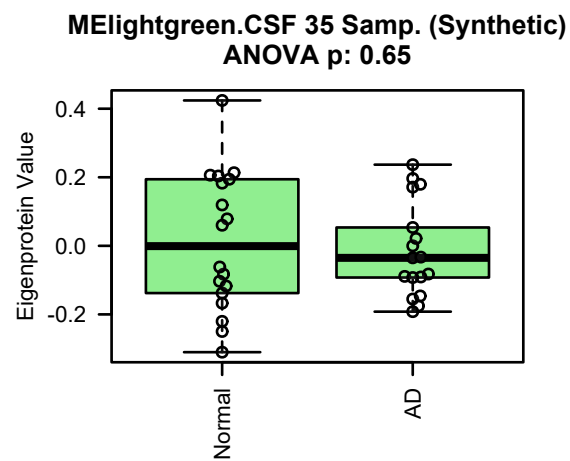
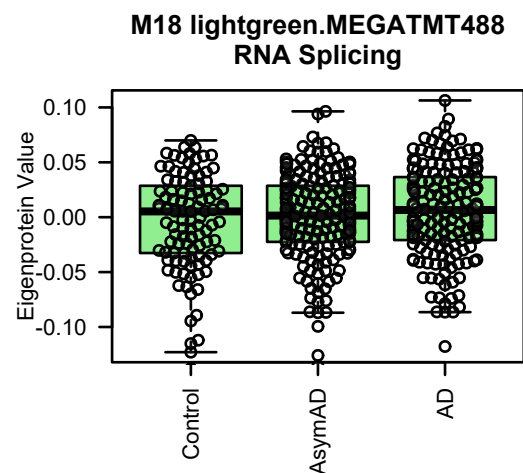
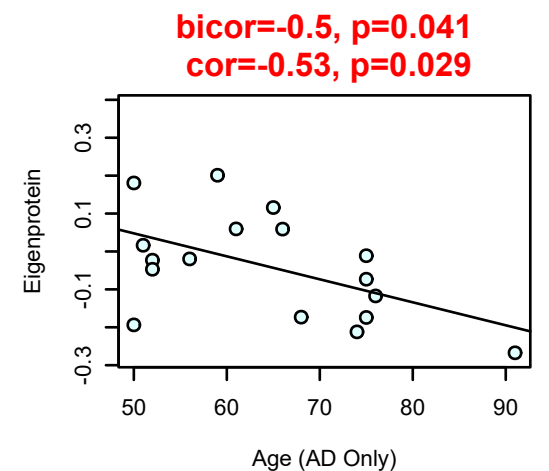
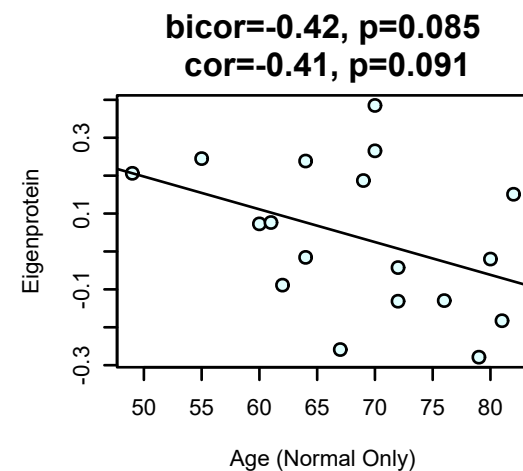
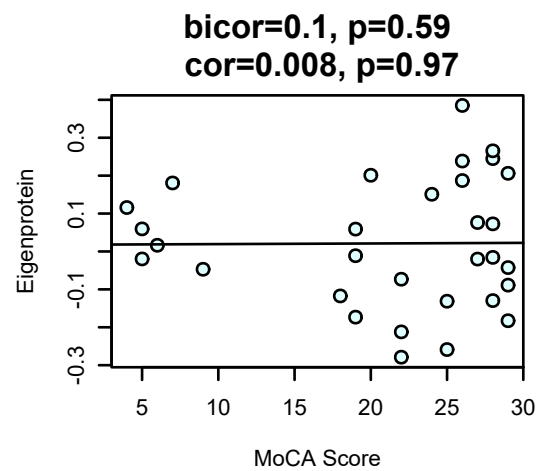
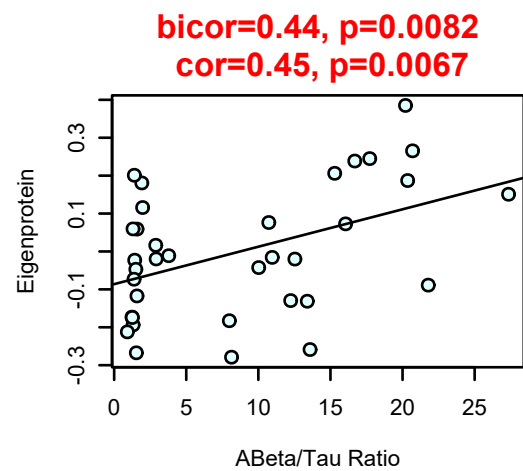
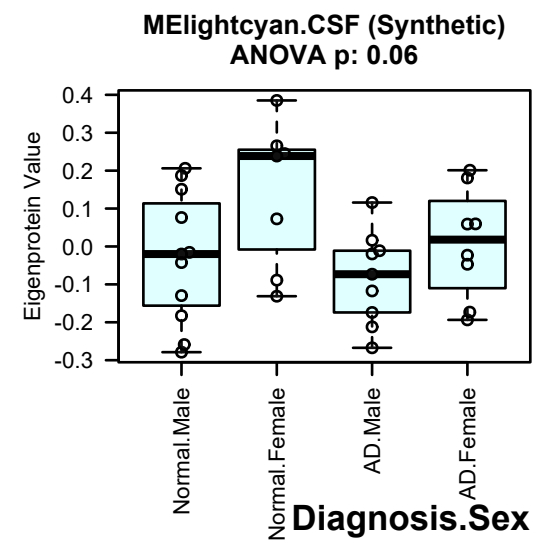
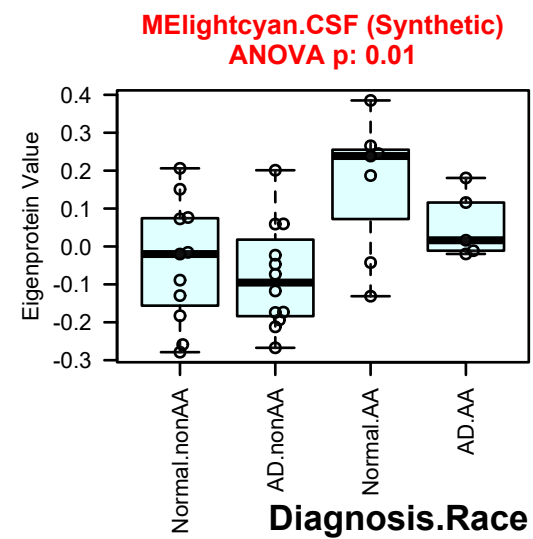
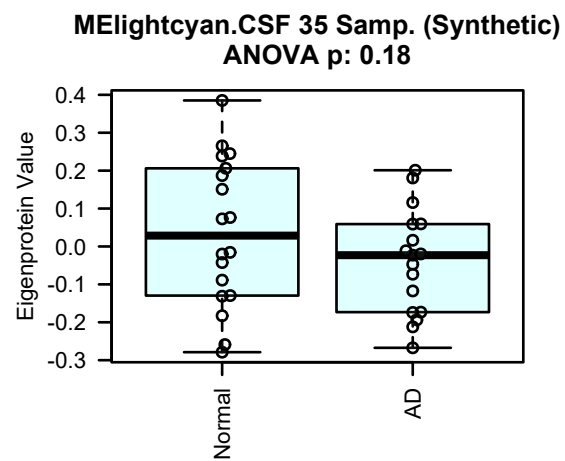
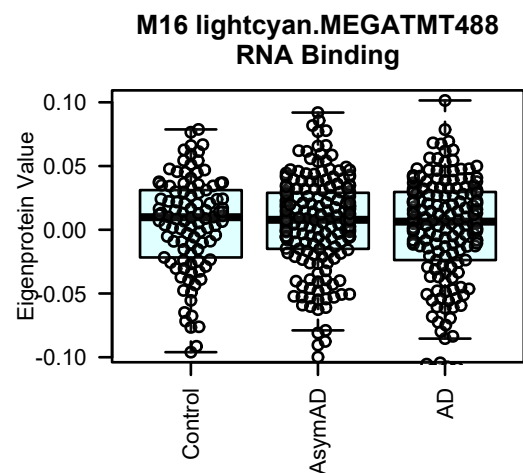
bicor=0.21, p=0.41
cor=0.19, p=0.45

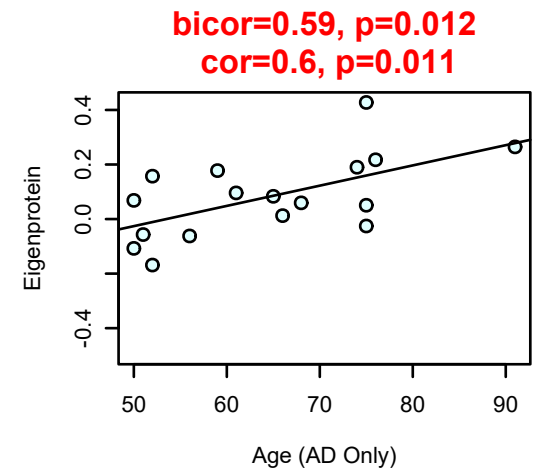
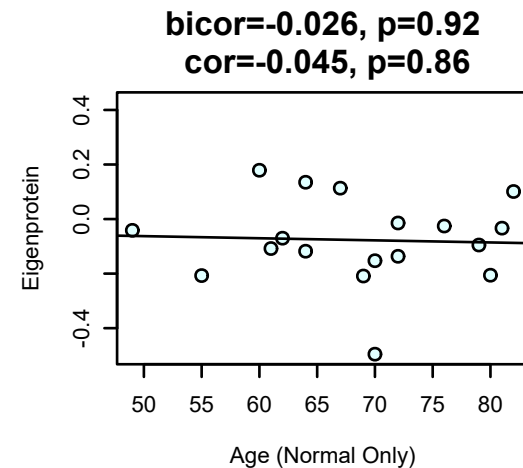
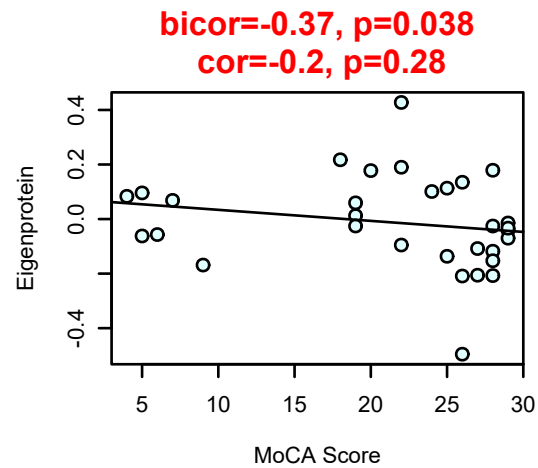
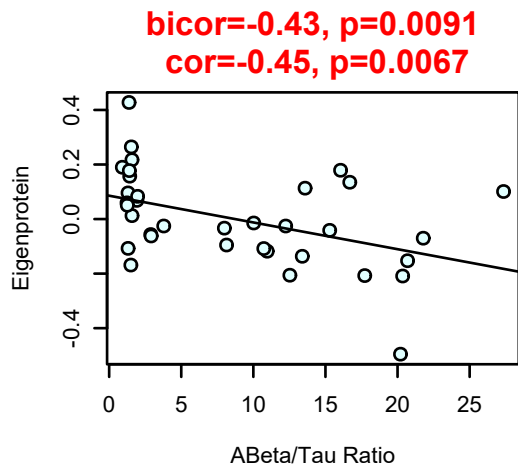
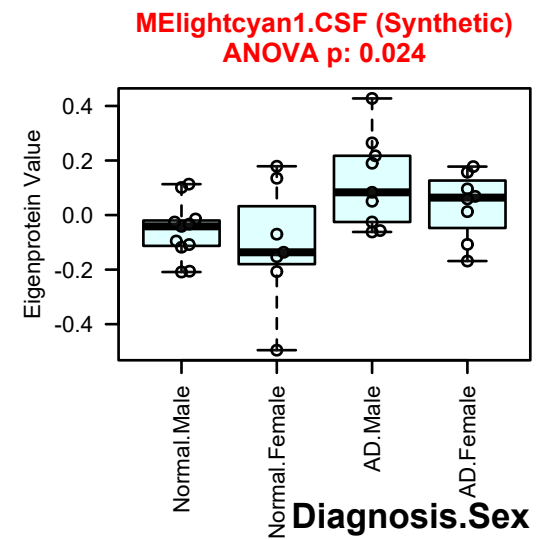
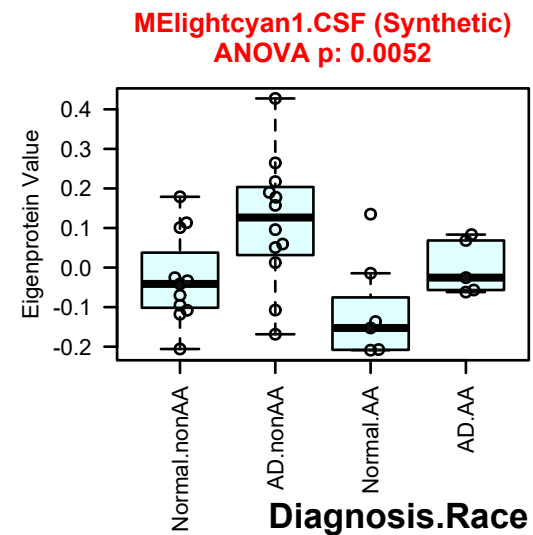
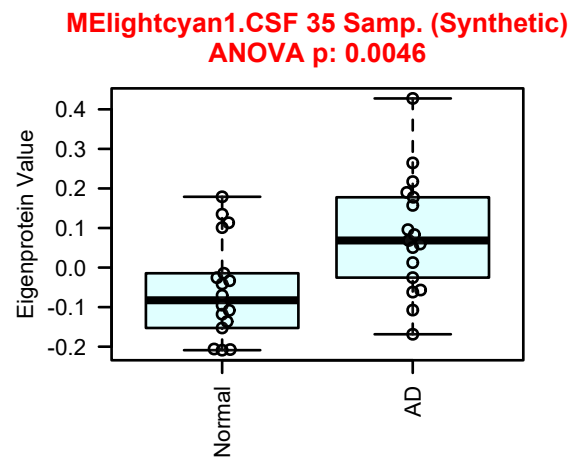
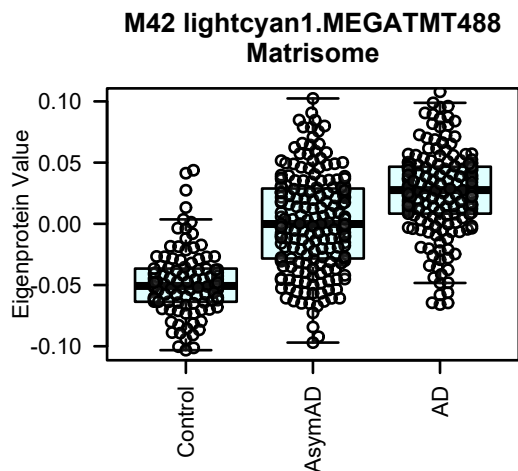
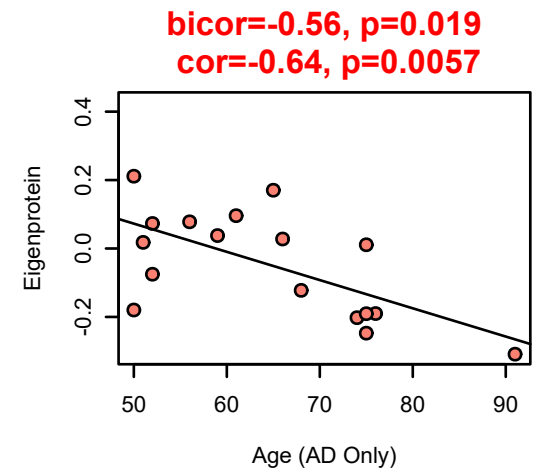
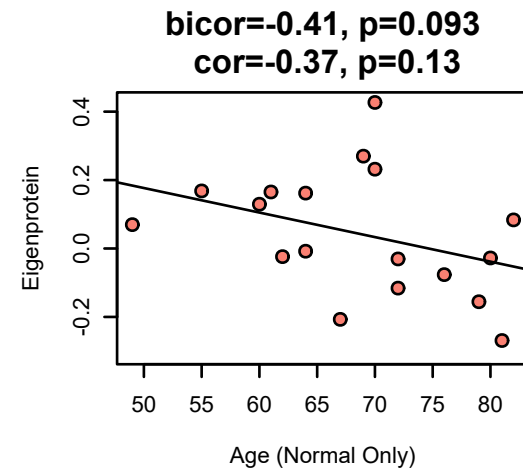
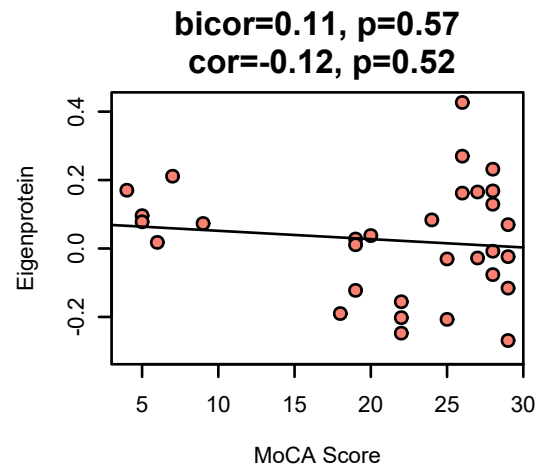
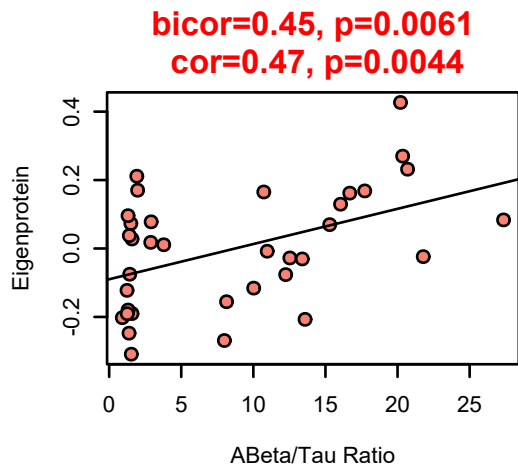
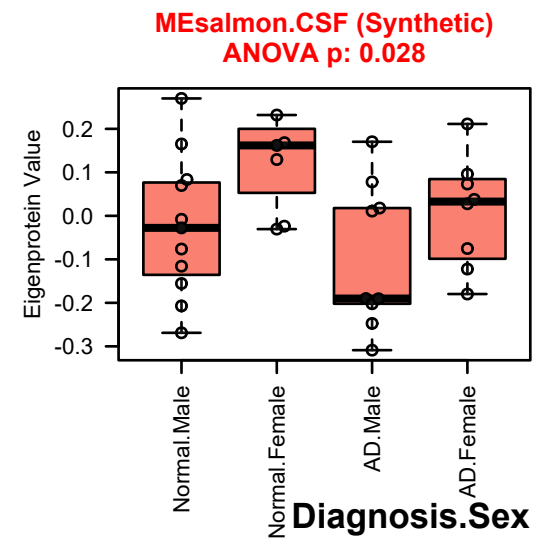
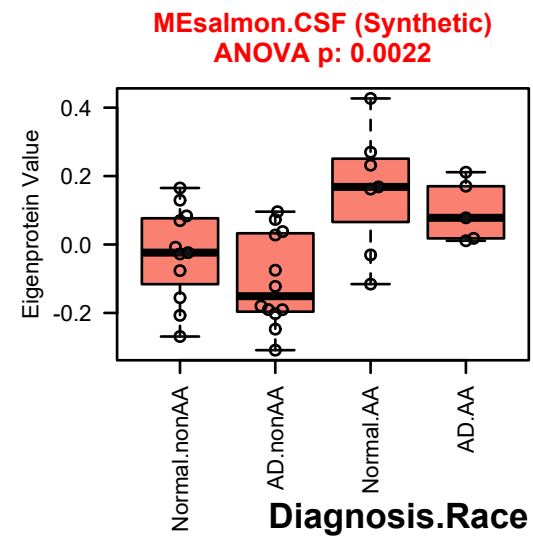
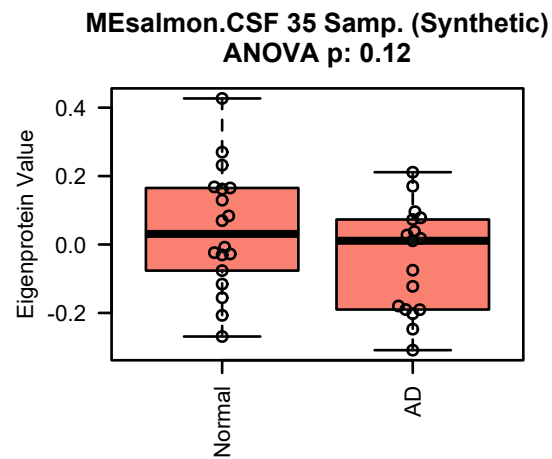
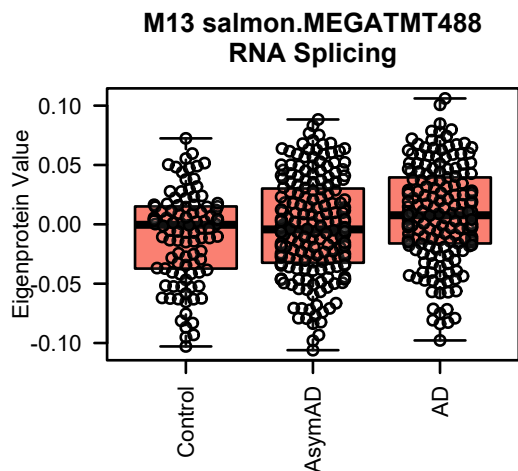


bicor=0.023, p=0.93
cor=0.074, p=0.78

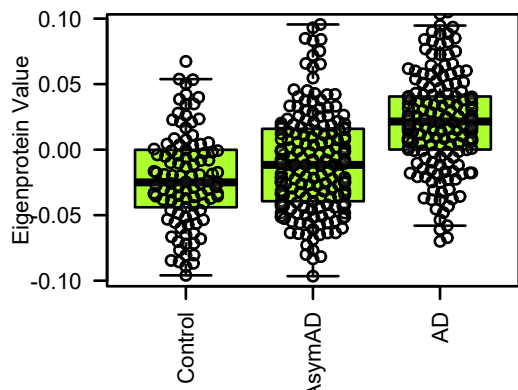




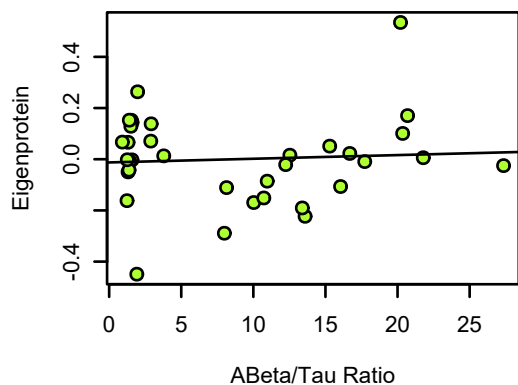




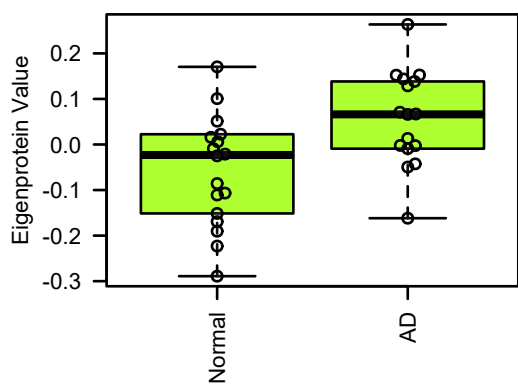
M11 greenyellow.MEGATMT488
Cell-ECM Interaction



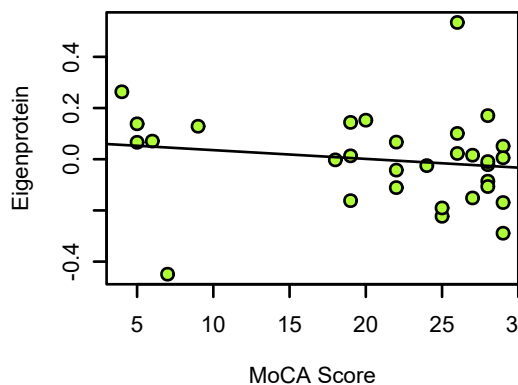
bicor=-0.049, p=0.78
cor=0.065, p=0.71



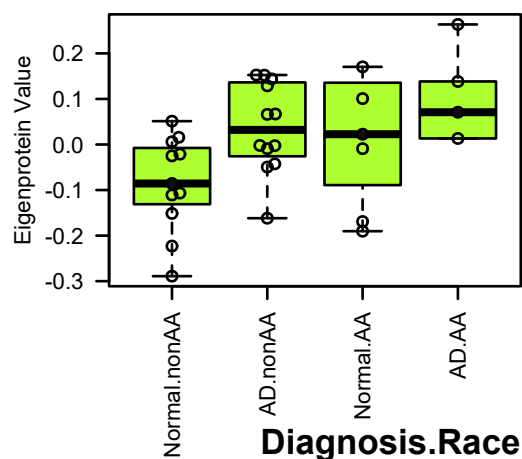
MEgreenyellow.CSF 35 Samp. (Synthetic)
ANOVA p: 0.35



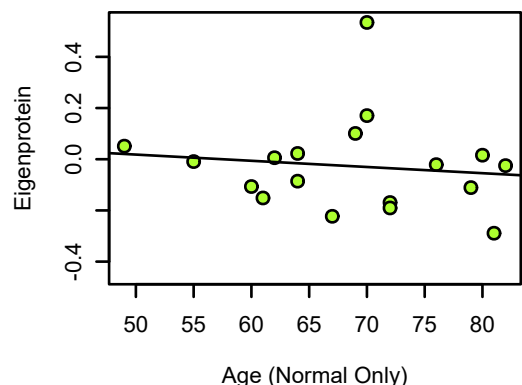
bicor=-0.17, p=0.35
cor=-0.16, p=0.39



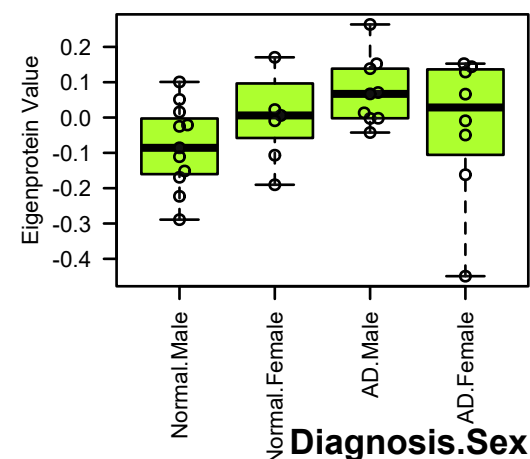
MEgreenyellow.CSF (Synthetic)
ANOVA p: 0.23



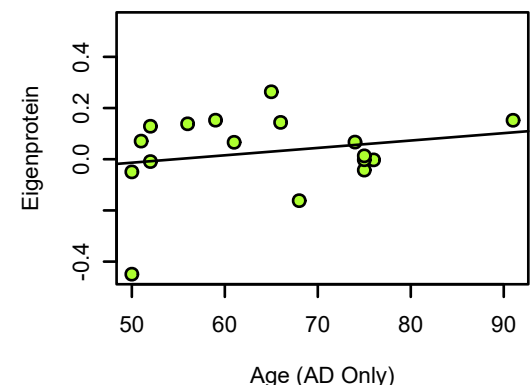
bicor=-0.16, p=0.52
cor=-0.12, p=0.64



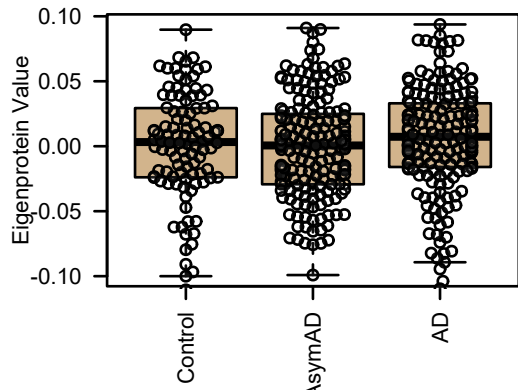
MEgreenyellow.CSF (Synthetic)
ANOVA p: 0.16



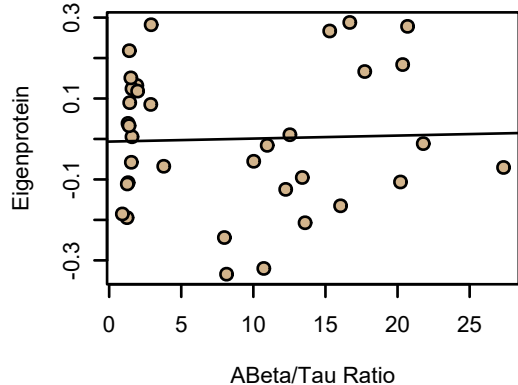
bicor=0.018, p=0.95
cor=0.22, p=0.4



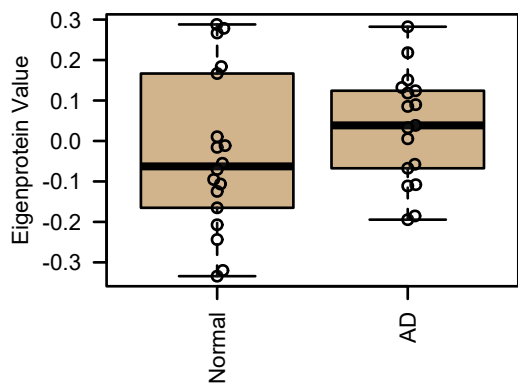
M12 tan.MEGATMT488
Cytoskeleton



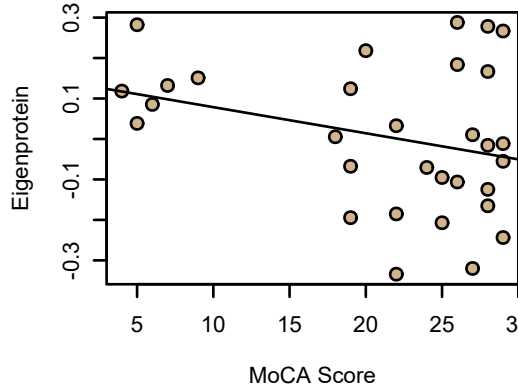
bicor=0.024, p=0.89
cor=0.034, p=0.85



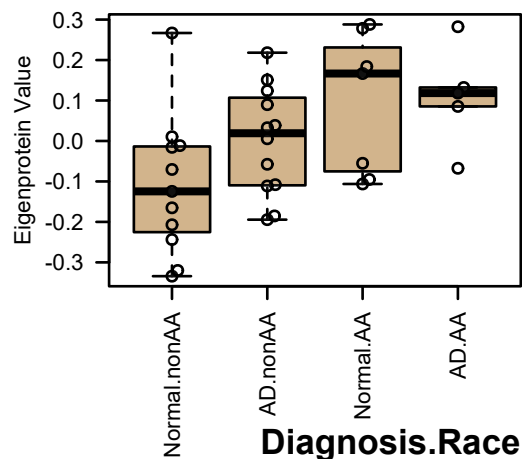
MEtan.CSF 35 Samp. (Synthetic)
ANOVA p: 0.28



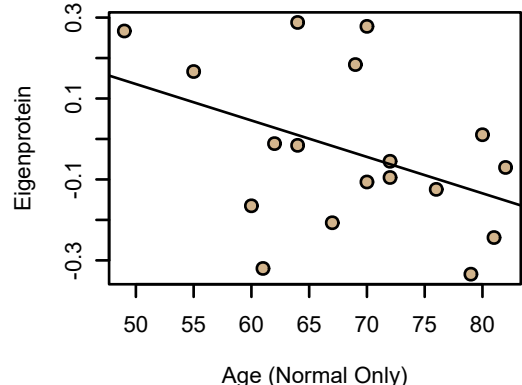
bicor=-0.14, p=0.46
cor=-0.3, p=0.1



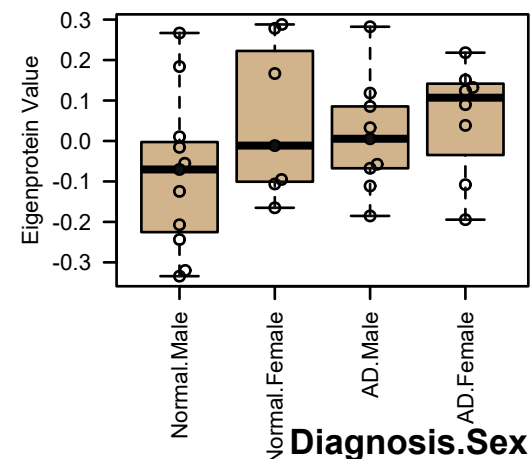
MEtan.CSF (Synthetic)
ANOVA p: 0.025



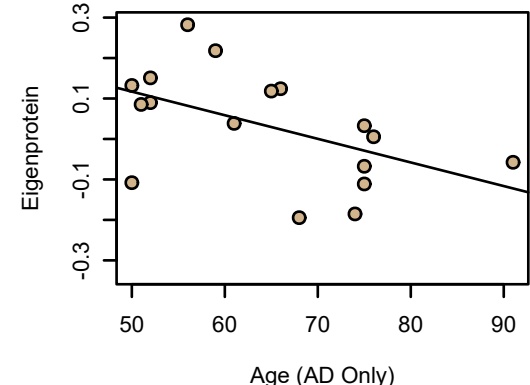
bicor=-0.41, p=0.093
cor=-0.42, p=0.083



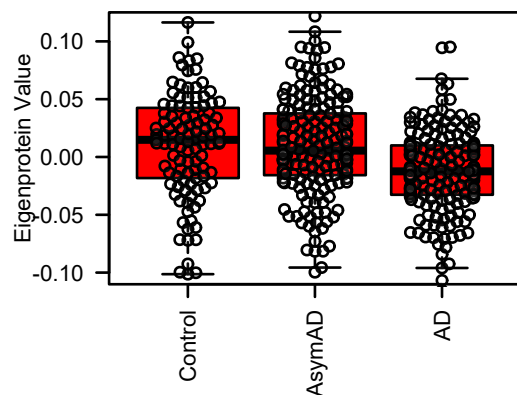
MEtan.CSF (Synthetic)
ANOVA p: 0.26



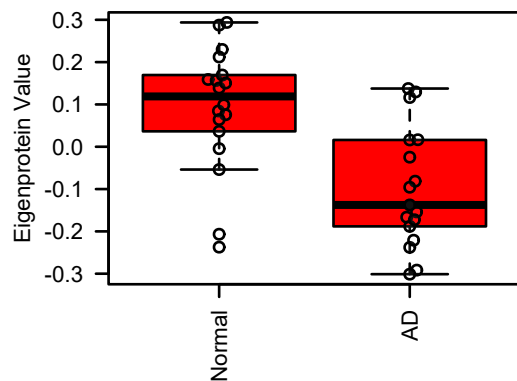
bicor=-0.54, p=0.027
cor=-0.51, p=0.036



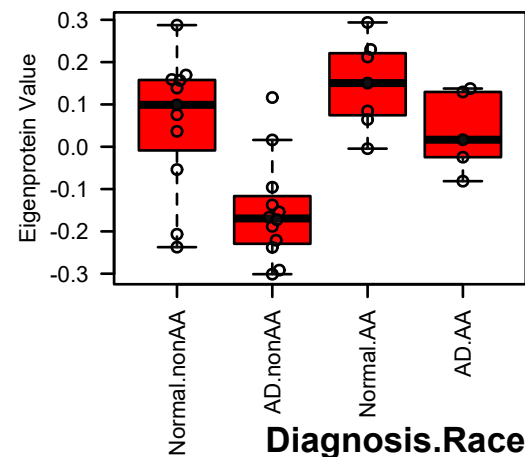
M6 red.MEGATMT488
Ribosome



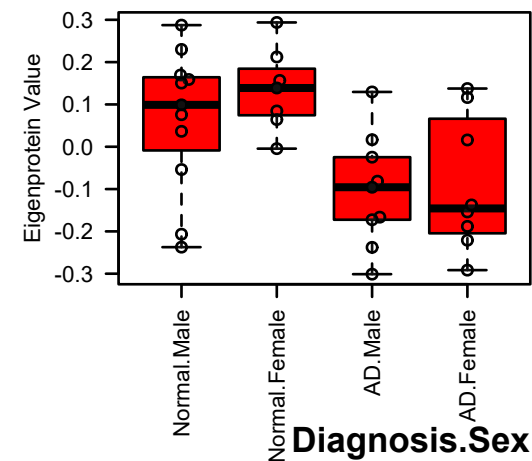
MEred.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00047



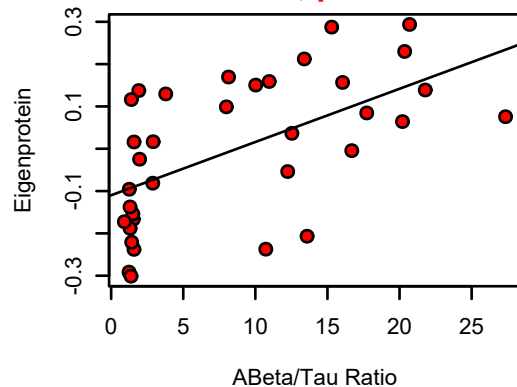
MEred.Plasma (Synthetic)
ANOVA p: 0.00015



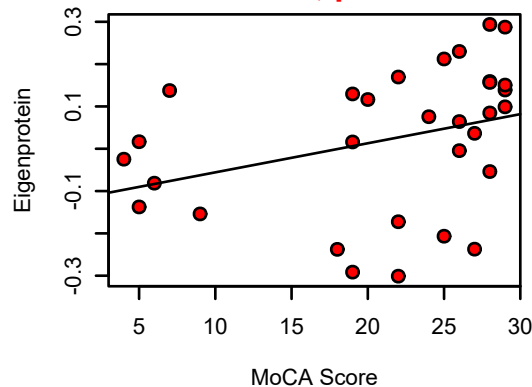
MEred.Plasma (Synthetic)
ANOVA p: 0.0049



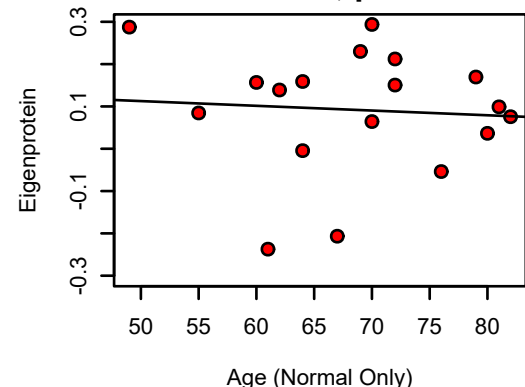
bicor=0.57, p=0.00031
cor=0.57, p=0.00035



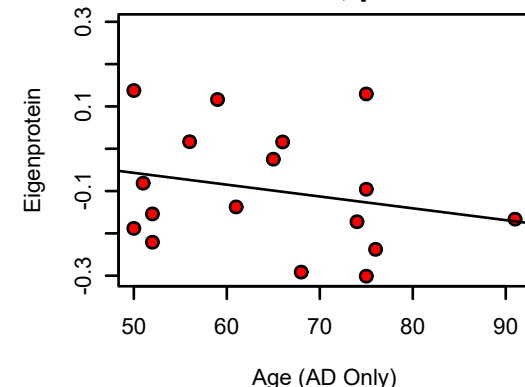
bicor=0.5, p=0.0043
cor=0.34, p=0.061



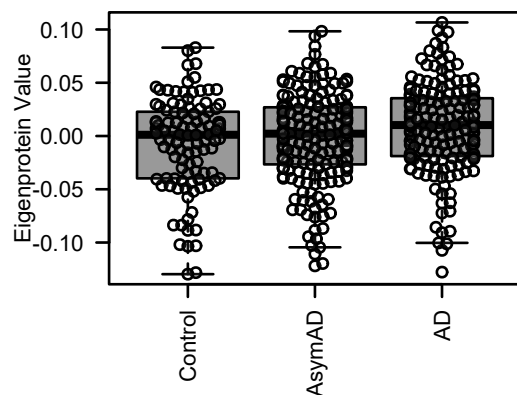
bicor=-0.14, p=0.58
cor=-0.07, p=0.78



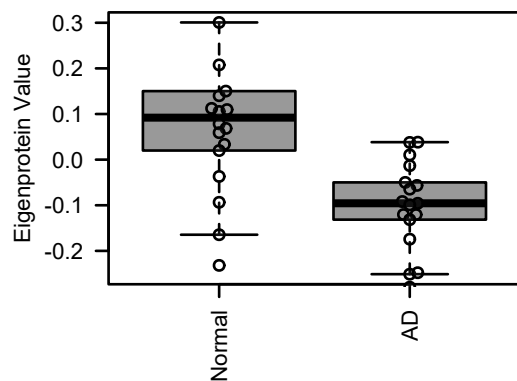
bicor=-0.25, p=0.34
cor=-0.24, p=0.35



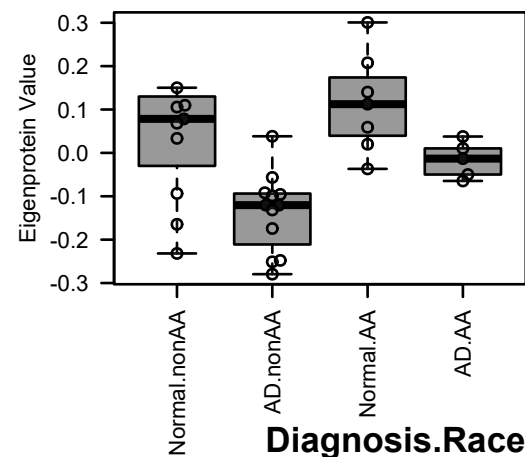
M17 grey60.MEGATMT488
Transcription



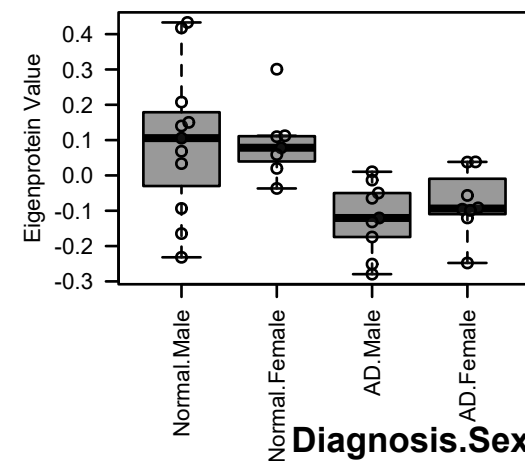
MEgrey60.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00027



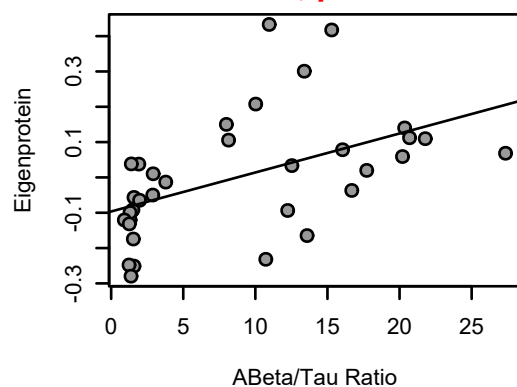
MEgrey60.Plasma (Synthetic)
ANOVA p: 0.0014



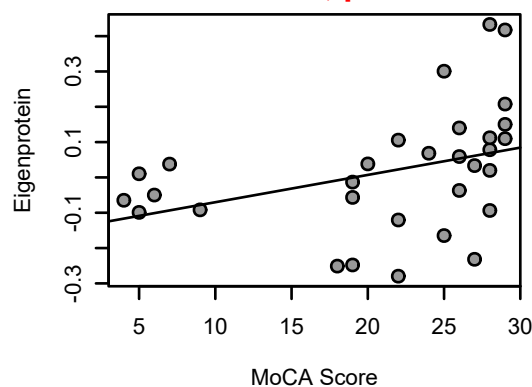
MEgrey60.Plasma (Synthetic)
ANOVA p: 0.0044



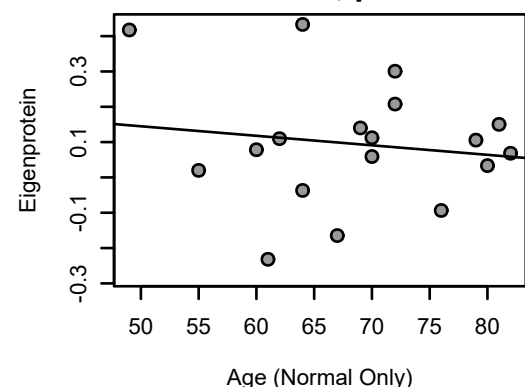
bicor=0.56, p=0.00047
cor=0.5, p=0.0022



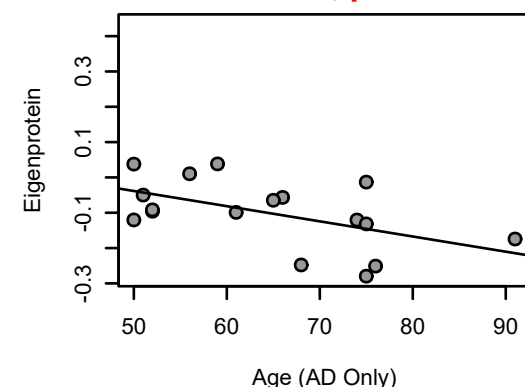
bicor=0.55, p=0.0014
cor=0.37, p=0.04



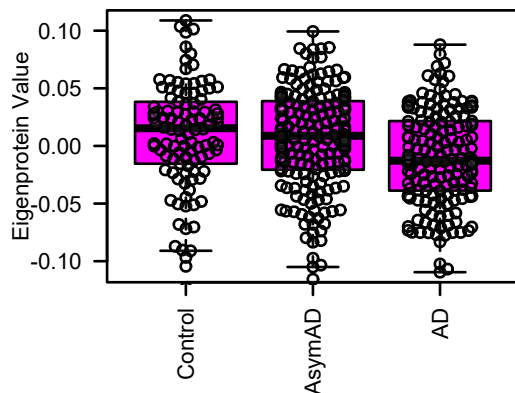
bicor=-0.037, p=0.88
cor=-0.14, p=0.58



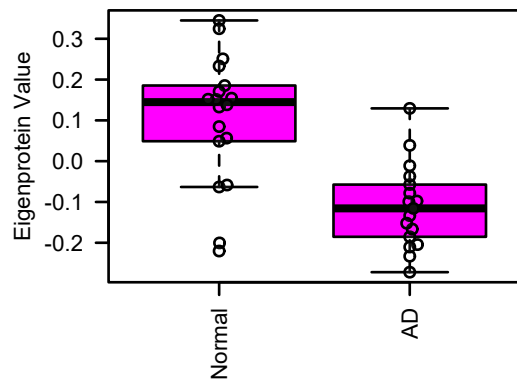
bicor=-0.55, p=0.022
cor=-0.54, p=0.025



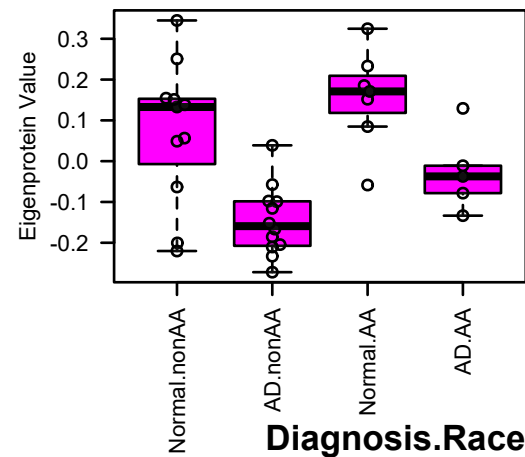
M9 magenta.MEGATMT488
Golgi



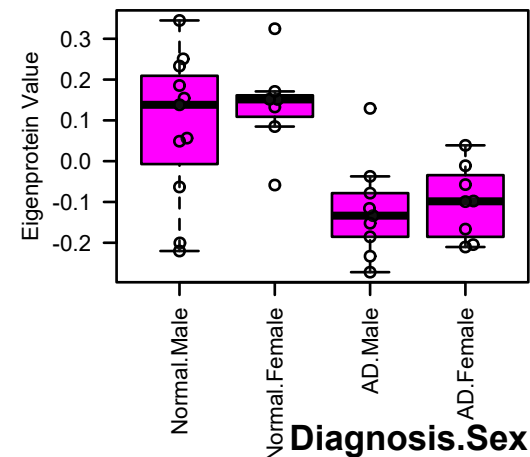
MEmagenta.Plasma 35 Samp. (Synthetic)
ANOVA p: 3.8e-05



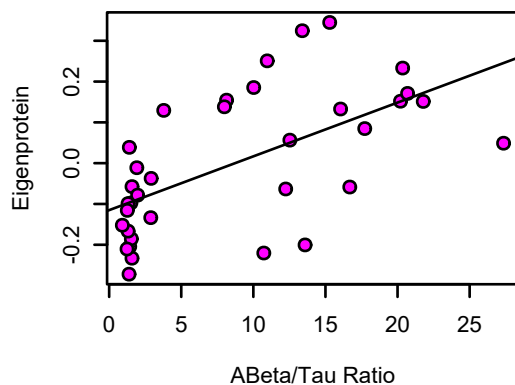
MEmagenta.Plasma (Synthetic)
ANOVA p: 1e-04



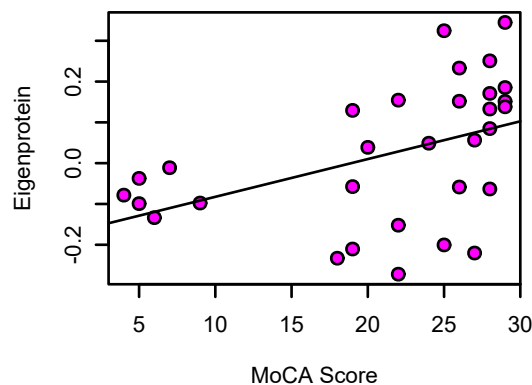
MEmagenta.Plasma (Synthetic)
ANOVA p: 0.00066



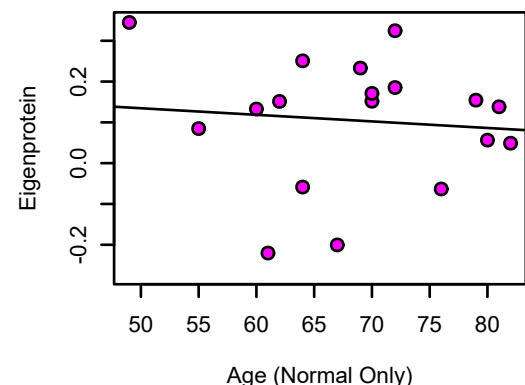
bicor=0.62, p=6.6e-05
cor=0.6, p=0.00014



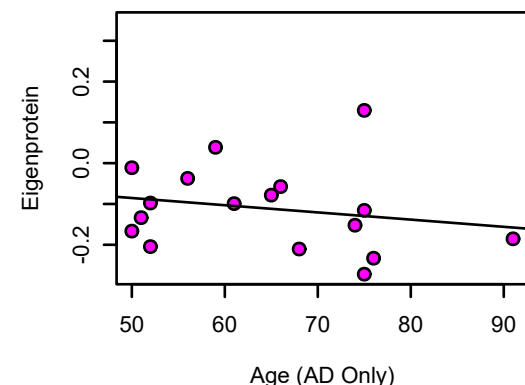
bicor=0.57, p=0.00085
cor=0.45, p=0.011



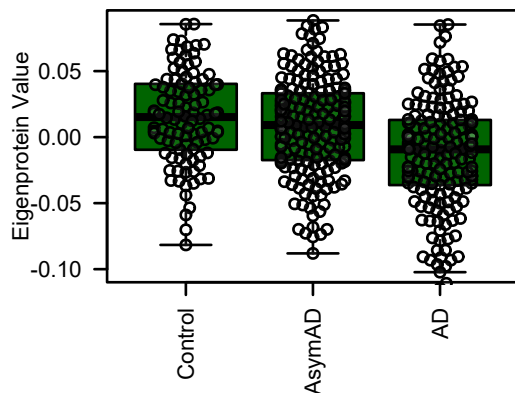
bicor=-0.1, p=0.69
cor=-0.094, p=0.71



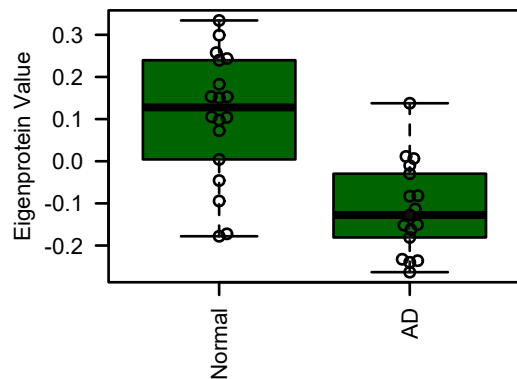
bicor=-0.25, p=0.33
cor=-0.21, p=0.42



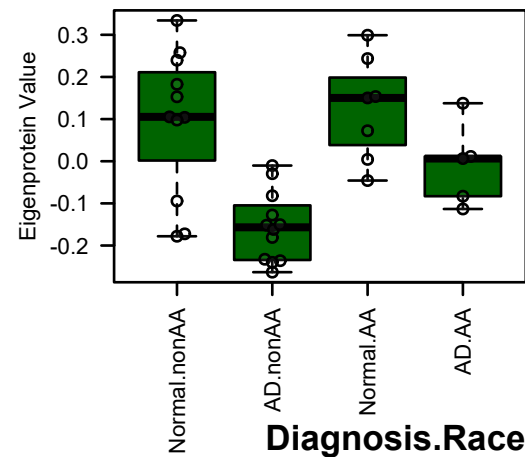
M22 darkgreen.MEGATMT488
Post-Synaptic Density



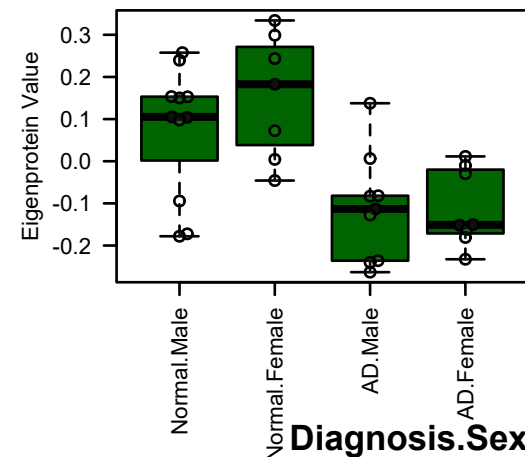
MEdarkgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.9e-05



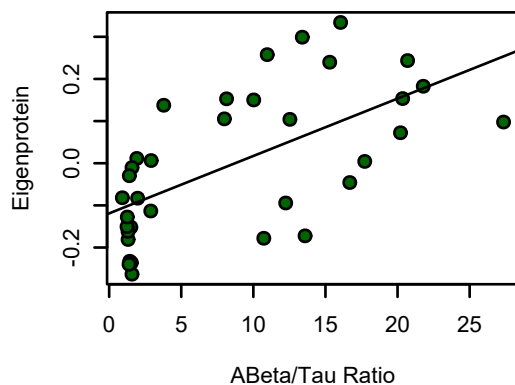
MEdarkgreen.Plasma (Synthetic)
ANOVA p: 7.9e-05



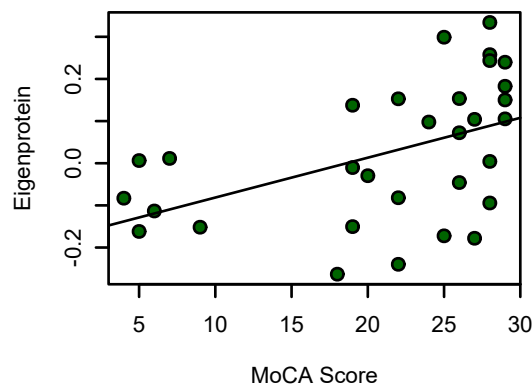
MEdarkgreen.Plasma (Synthetic)
ANOVA p: 0.00035



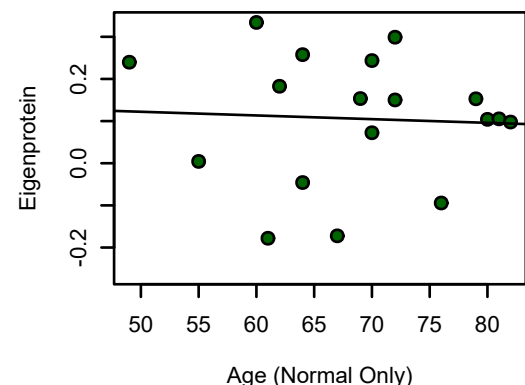
bicor=0.64, p=3.7e-05
cor=0.62, p=7.1e-05



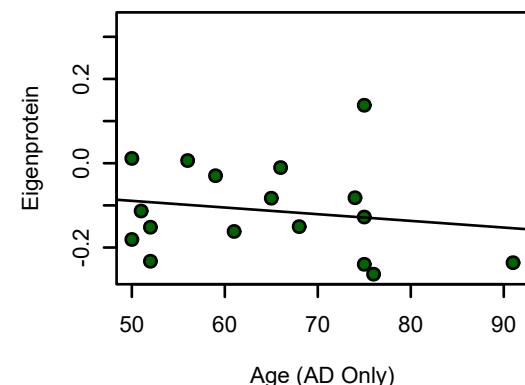
bicor=0.51, p=0.0031
cor=0.48, p=0.0063

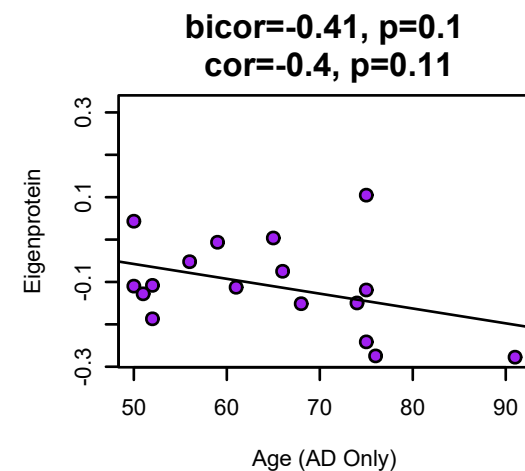
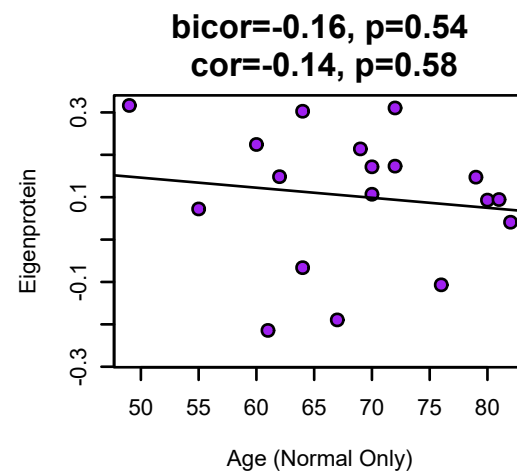
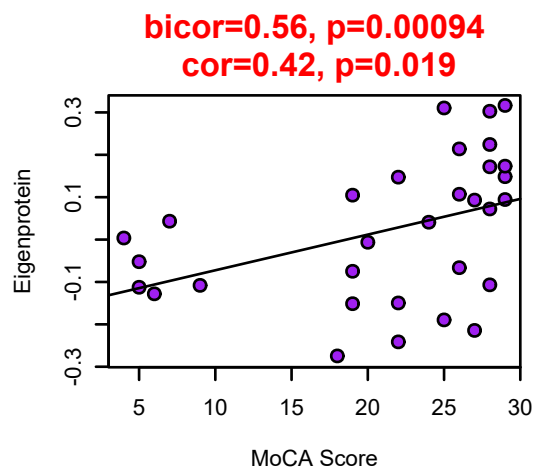
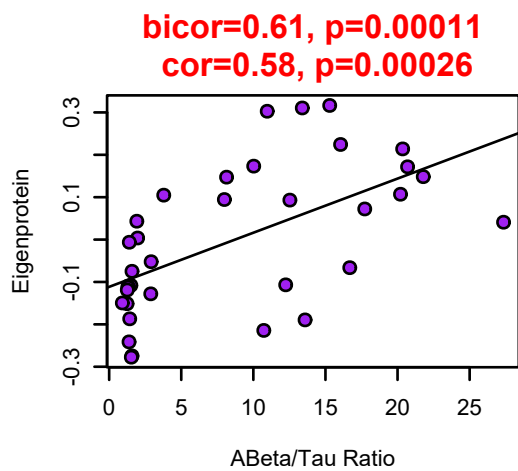
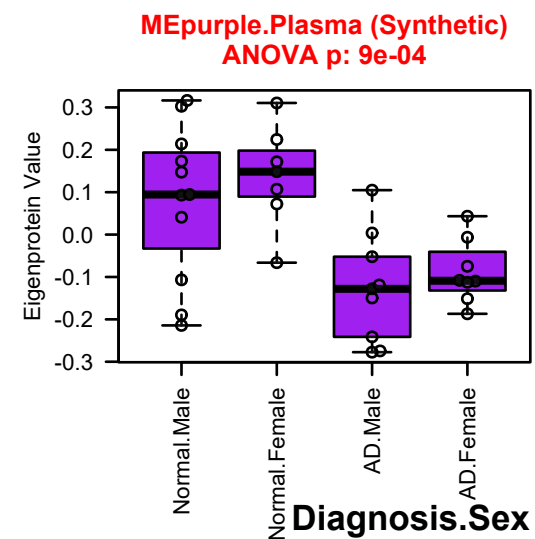
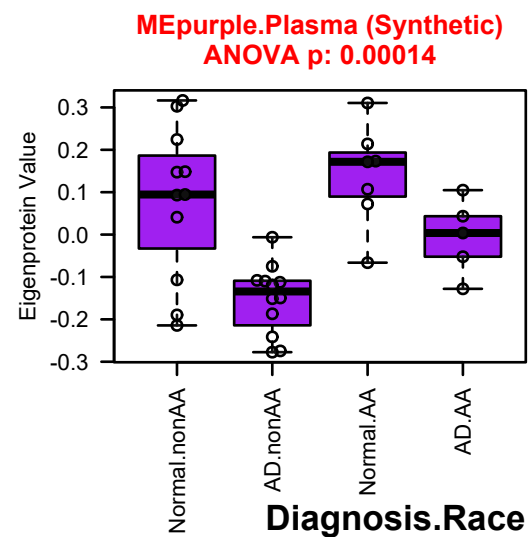
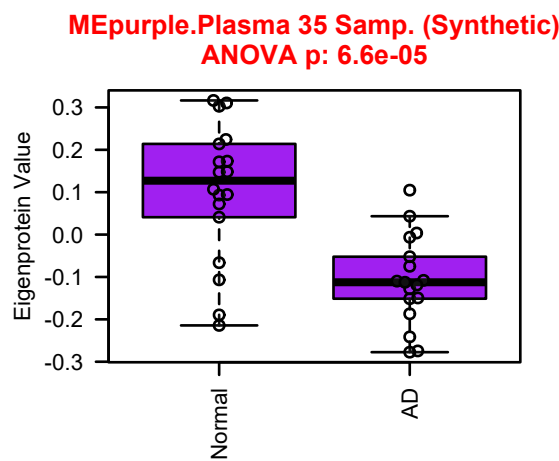
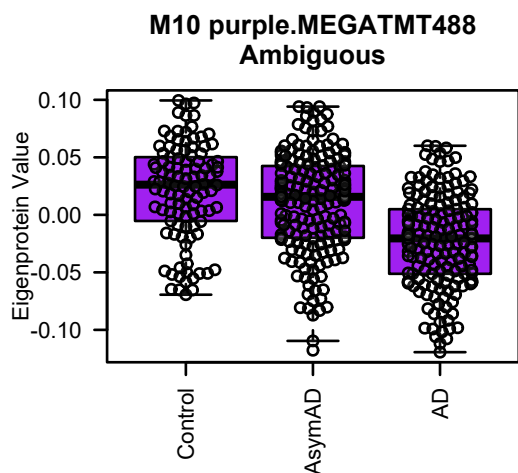
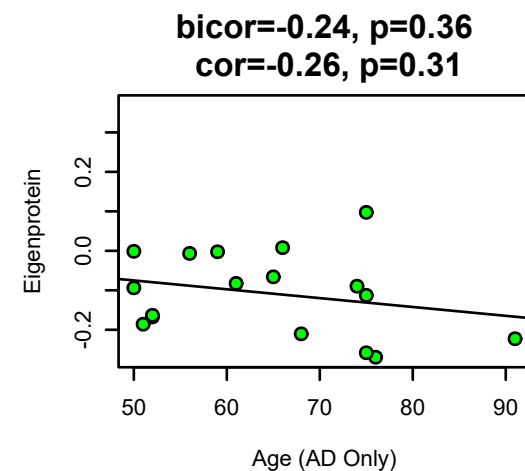
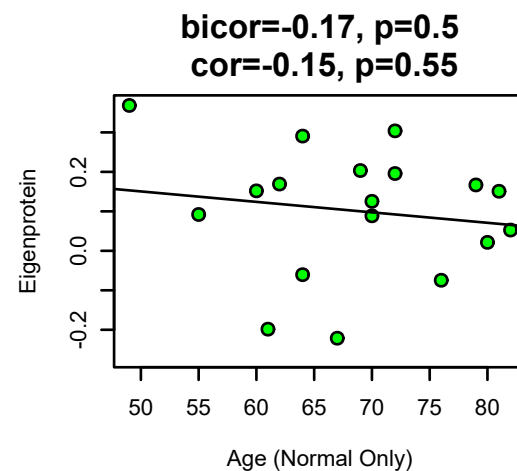
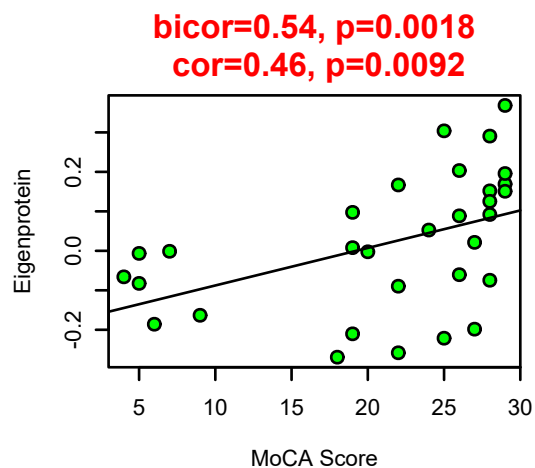
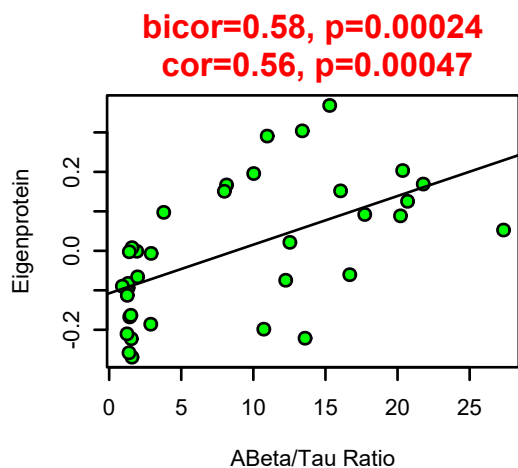
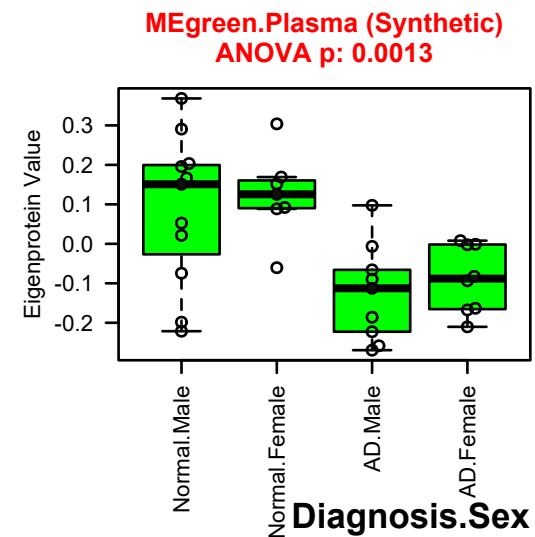
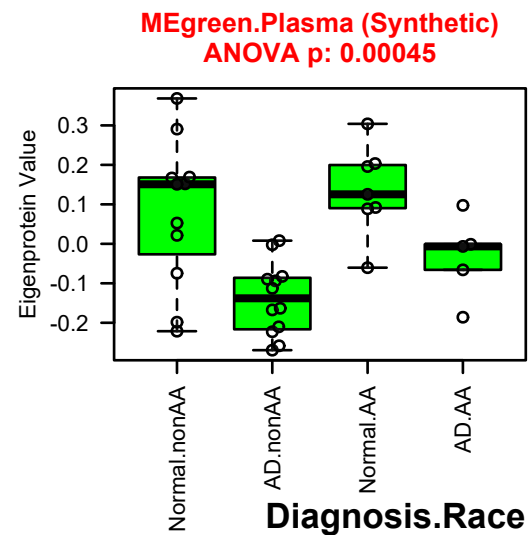
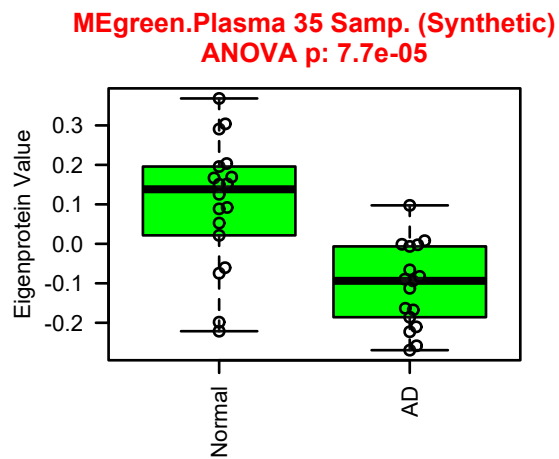
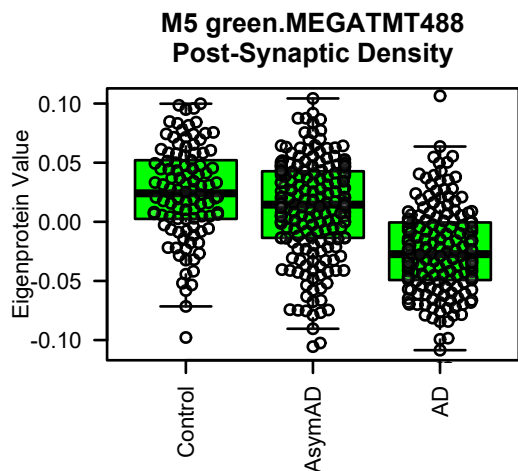


bicor=-0.043, p=0.86
cor=-0.053, p=0.83

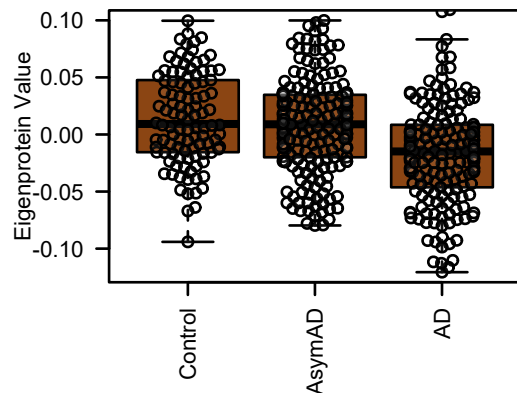


bicor=-0.19, p=0.46
cor=-0.17, p=0.51

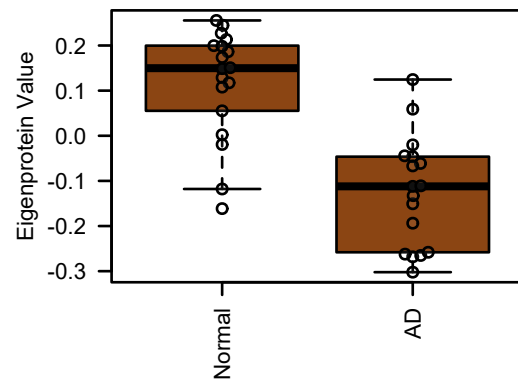




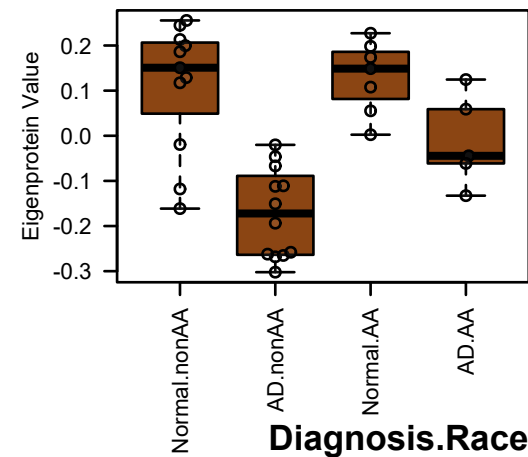
M29 saddlebrown.MEGATMT488
Glycosylation/ER



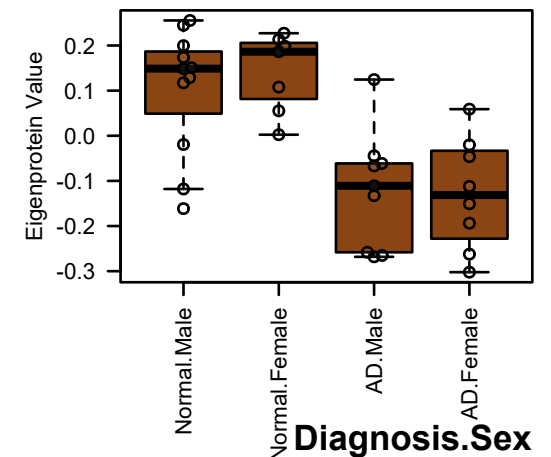
MEsaddlebrown.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.5e-06



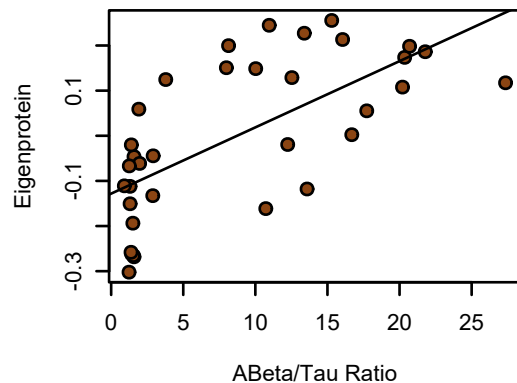
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 2.2e-06



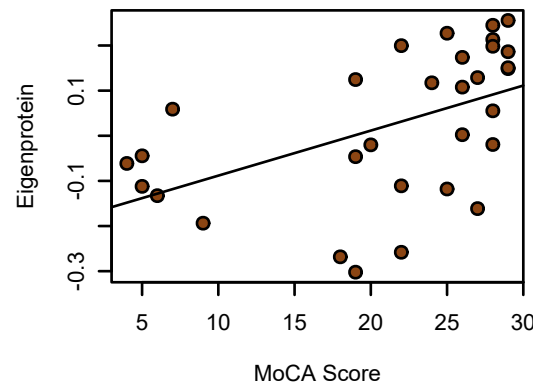
MEsaddlebrown.Plasma (Synthetic)
ANOVA p: 4.3e-05



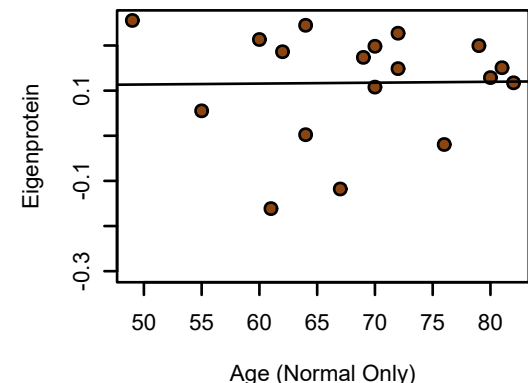
bicor=0.69, p=4.9e-06
cor=0.67, p=1.1e-05



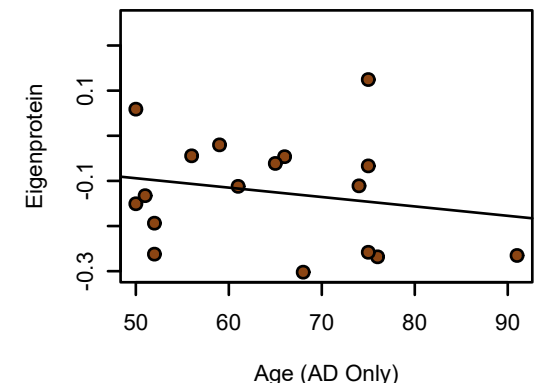
bicor=0.65, p=7.4e-05
cor=0.5, p=0.0042



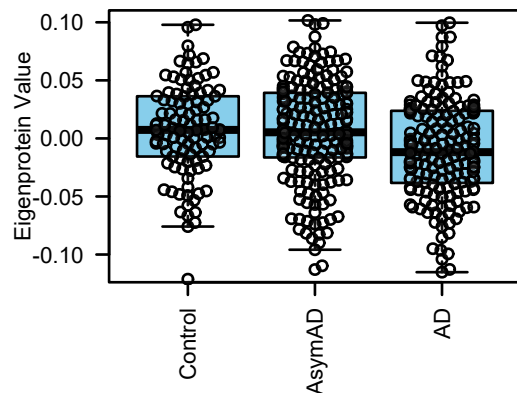
bicor=-0.045, p=0.86
cor=0.015, p=0.95



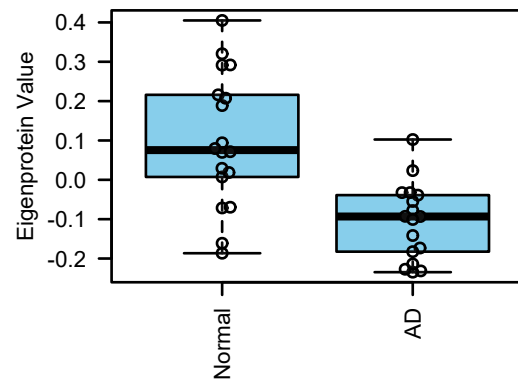
bicor=-0.19, p=0.46
cor=-0.2, p=0.44



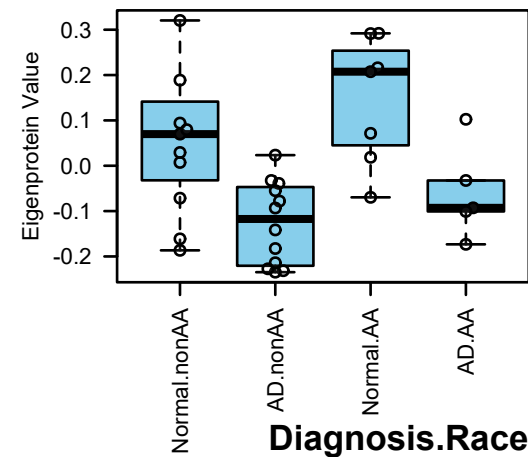
M28 skyblue.MEGATMT488
Ribosome/Translation



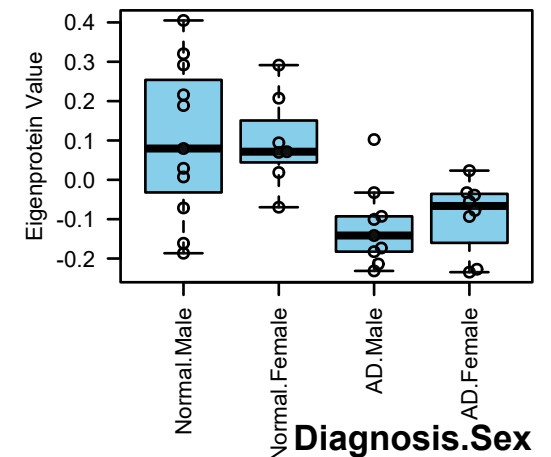
MEskyblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 1e-04



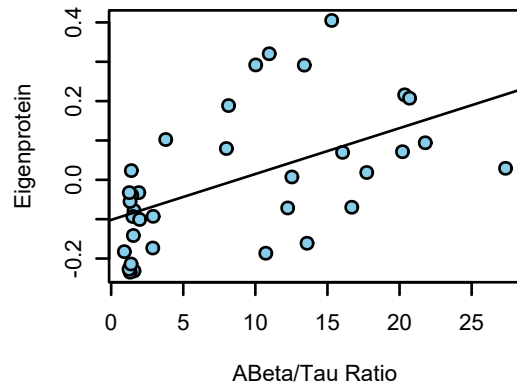
MEskyblue.Plasma (Synthetic)
ANOVA p: 0.00081



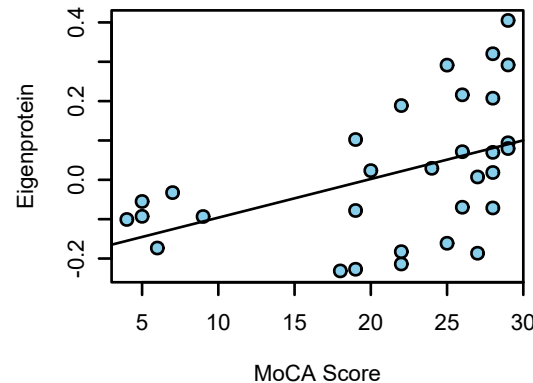
MEskyblue.Plasma (Synthetic)
ANOVA p: 0.002



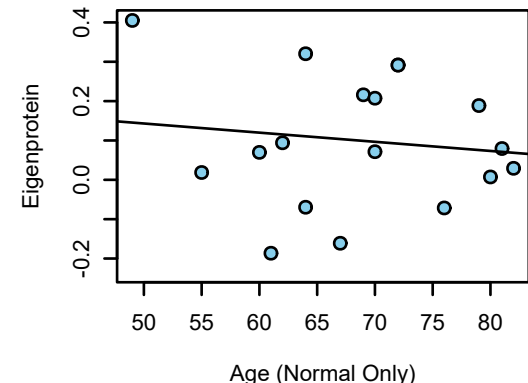
bicor=0.57, p=0.00032
cor=0.53, p=0.0011



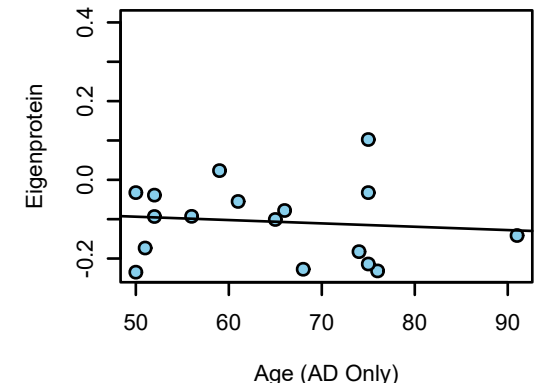
bicor=0.54, p=0.0017
cor=0.47, p=0.0076



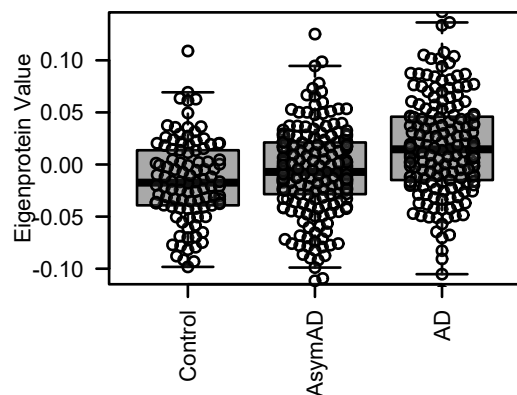
bicor=-0.09, p=0.72
cor=-0.13, p=0.61



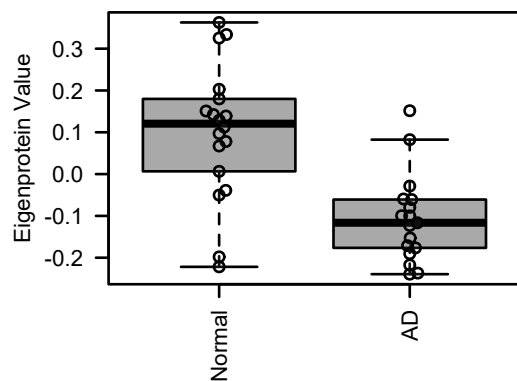
bicor=-0.13, p=0.62
cor=-0.11, p=0.67



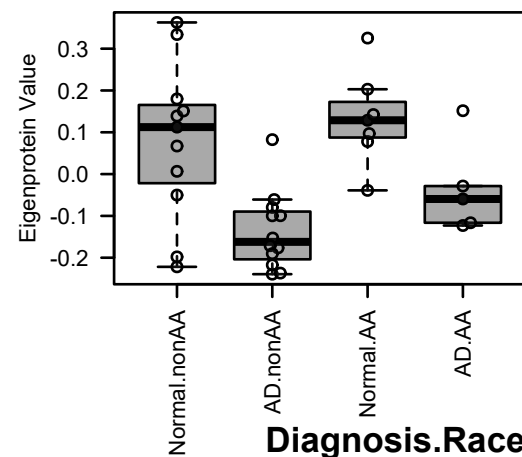
M24 darkgrey.MEGATMT488
Ubiquitination



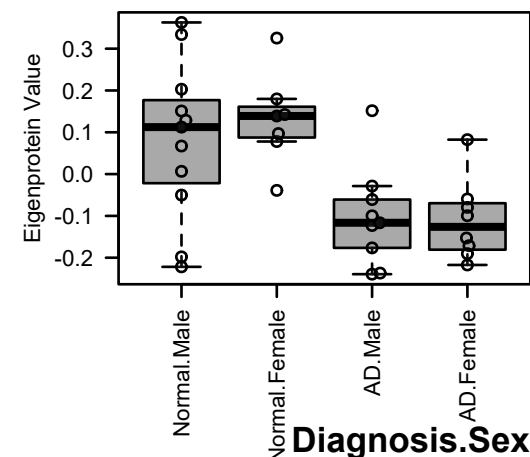
MEdarkgrey.Plasma 35 Samp. (Synthetic)
ANOVA p: 8.5e-05



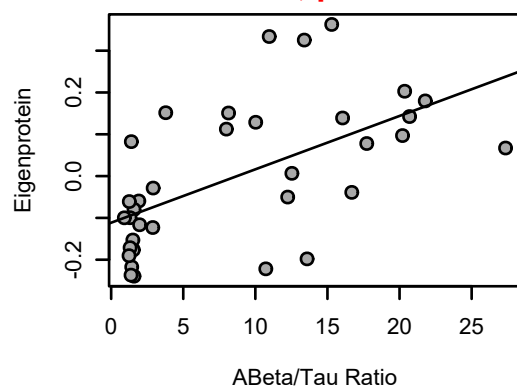
MEdarkgrey.Plasma (Synthetic)
ANOVA p: 0.00056



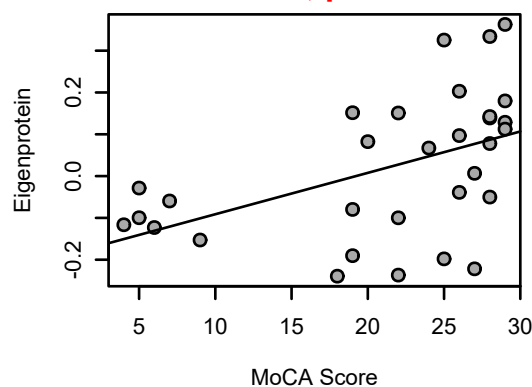
MEdarkgrey.Plasma (Synthetic)
ANOVA p: 0.0014



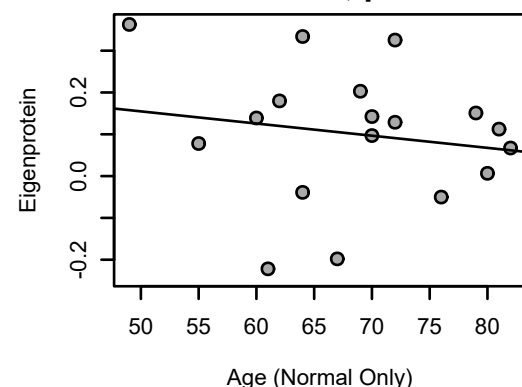
bicor=0.61, p=9.5e-05
cor=0.58, p=0.00026



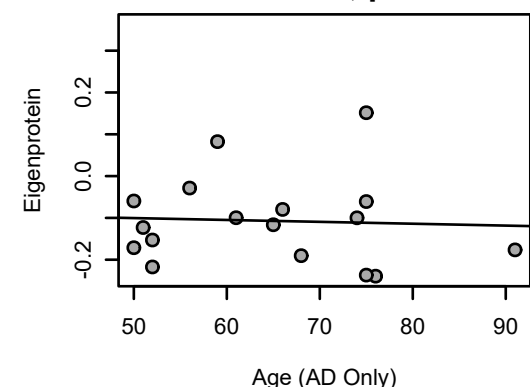
bicor=0.52, p=0.0026
cor=0.48, p=0.0063



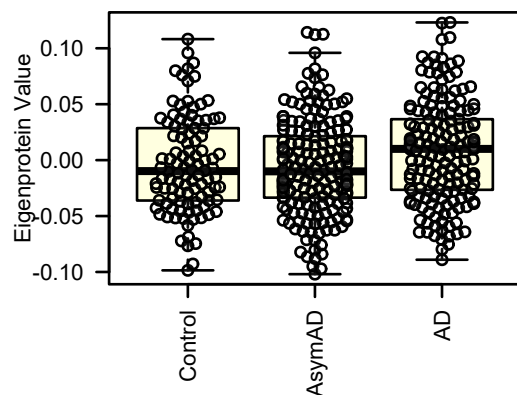
bicor=-0.2, p=0.42
cor=-0.17, p=0.5



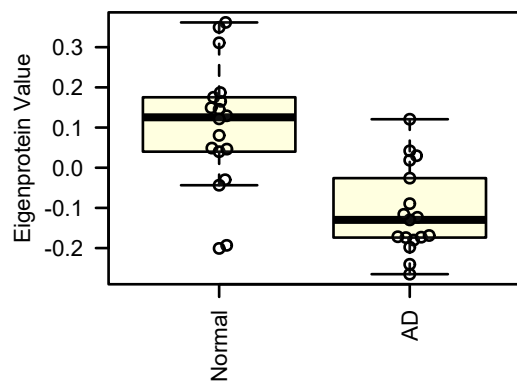
bicor=-0.11, p=0.67
cor=-0.051, p=0.85



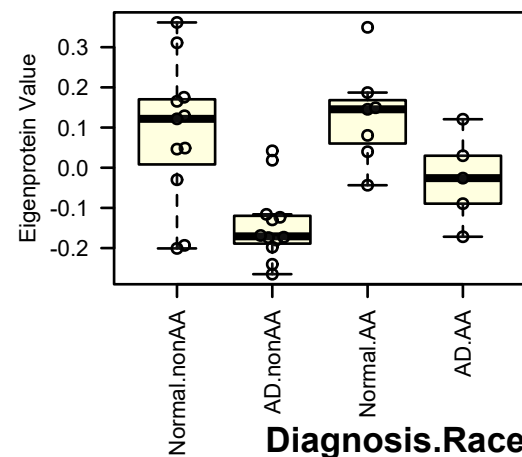
M19 lightyellow.MEGATMT488
Axonogenesis



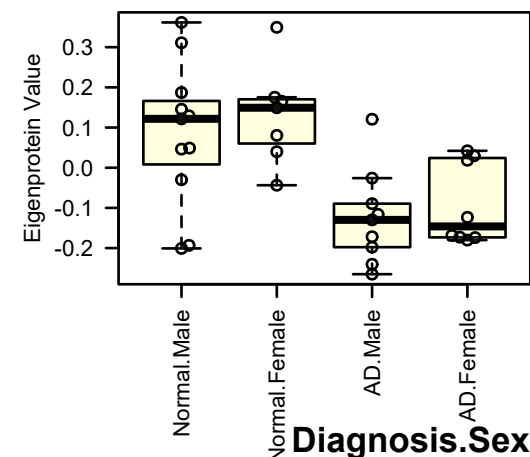
MElightyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 6.3e-05



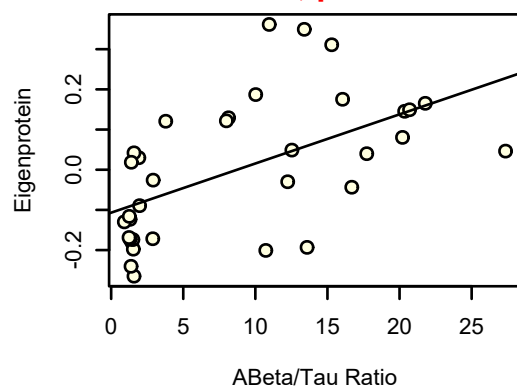
MElightyellow.Plasma (Synthetic)
ANOVA p: 0.00035



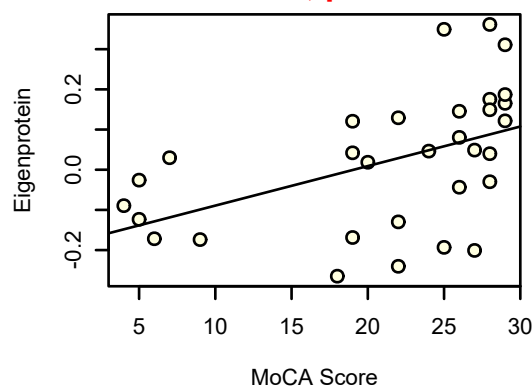
MElightyellow.Plasma (Synthetic)
ANOVA p: 0.001



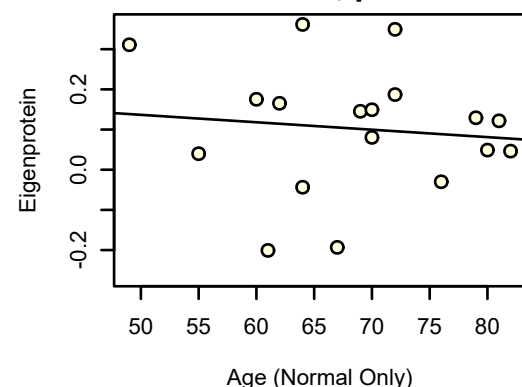
bicor=0.57, p=0.00035
cor=0.56, p=0.00047



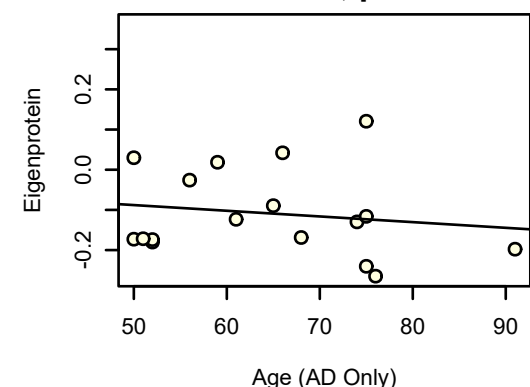
bicor=0.57, p=0.00076
cor=0.48, p=0.0063



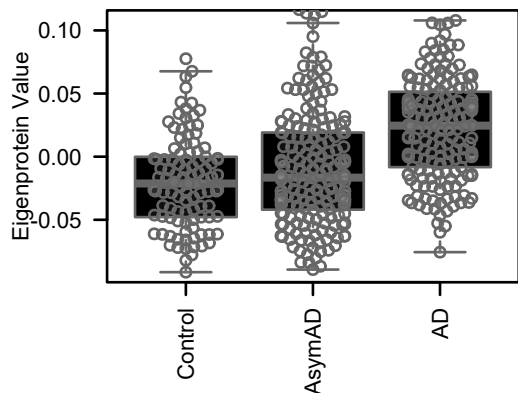
bicor=-0.13, p=0.59
cor=-0.11, p=0.66



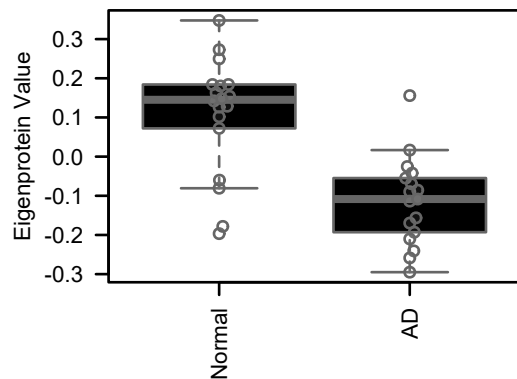
bicor=-0.22, p=0.39
cor=-0.16, p=0.54



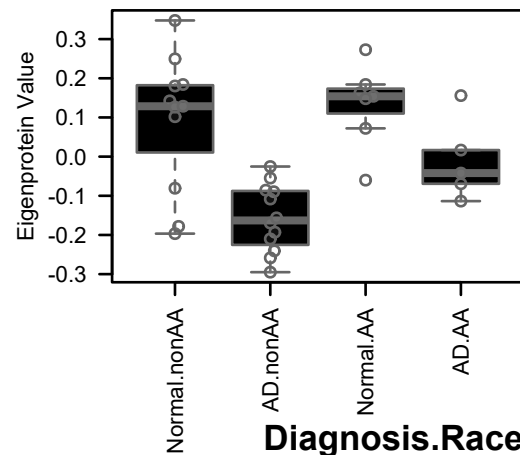
M7 black.MEGATMT488
MAPK/Metabolism



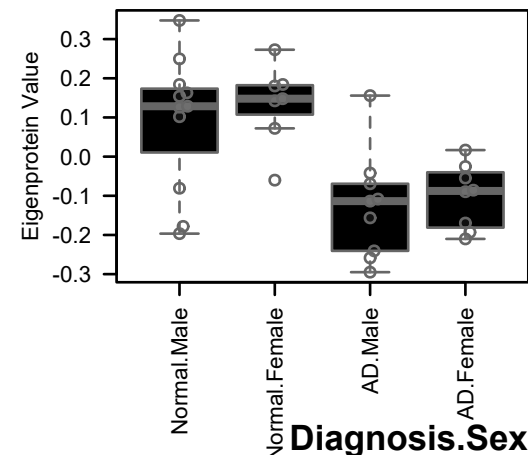
MEblack.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.9e-05



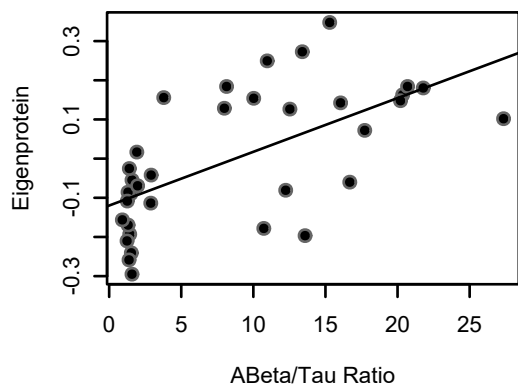
MEblack.Plasma (Synthetic)
ANOVA p: 4.7e-05



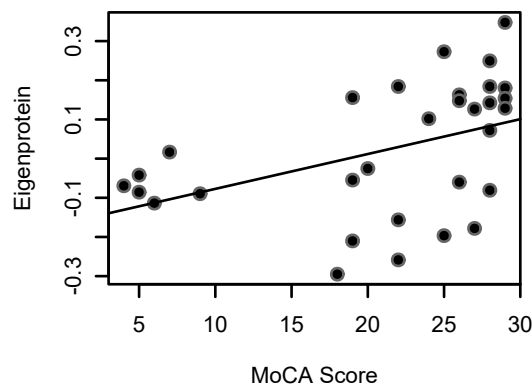
MEblack.Plasma (Synthetic)
ANOVA p: 0.00038



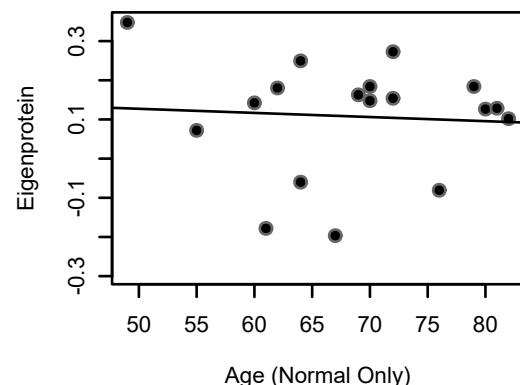
bicor=0.64, p=3.4e-05
cor=0.63, p=5e-05



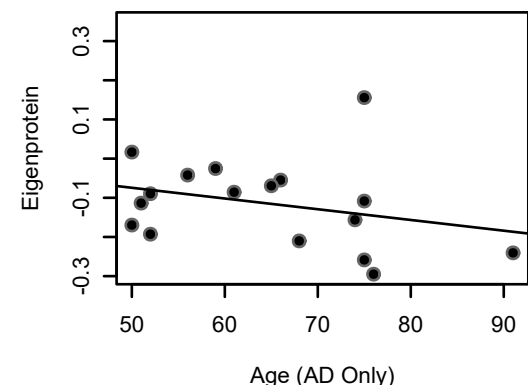
bicor=0.54, p=0.0018
cor=0.44, p=0.013



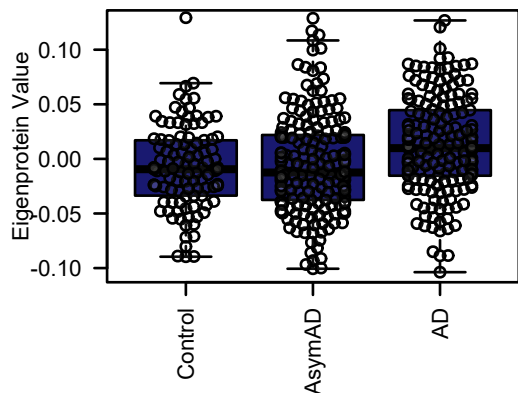
bicor=-0.19, p=0.46
cor=-0.066, p=0.79



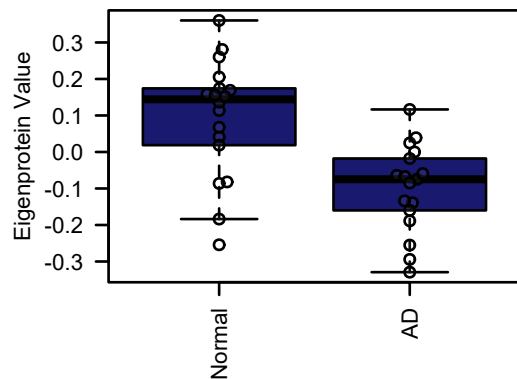
bicor=-0.34, p=0.18
cor=-0.29, p=0.26



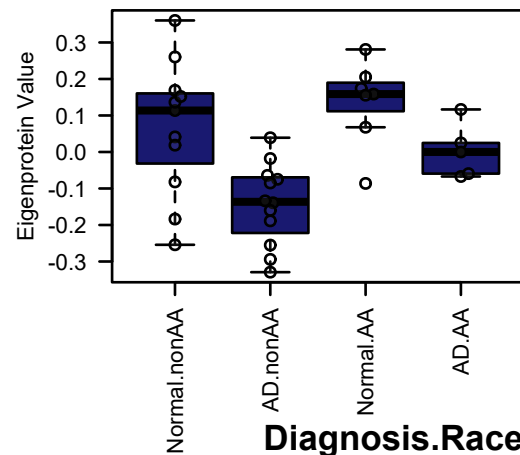
M15 midnightblue.MEGATMT488
Ambiguous



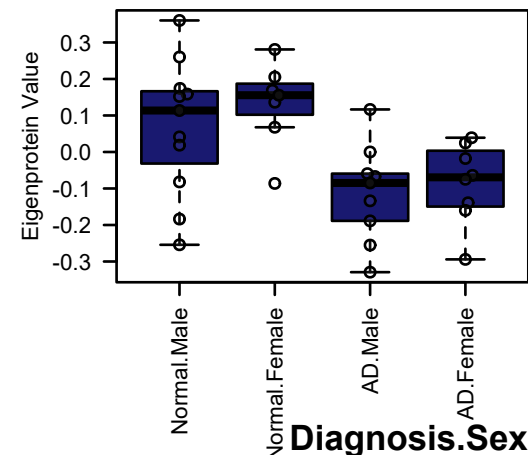
MEmidnightblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00034



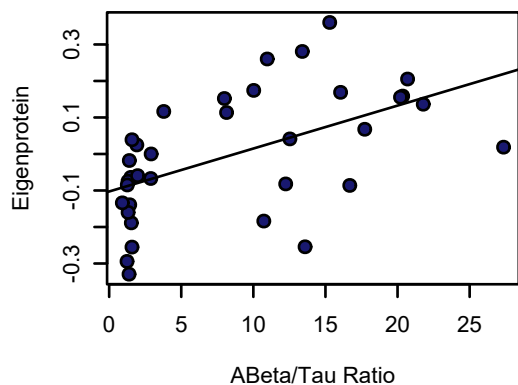
MEmidnightblue.Plasma (Synthetic)
ANOVA p: 0.00065



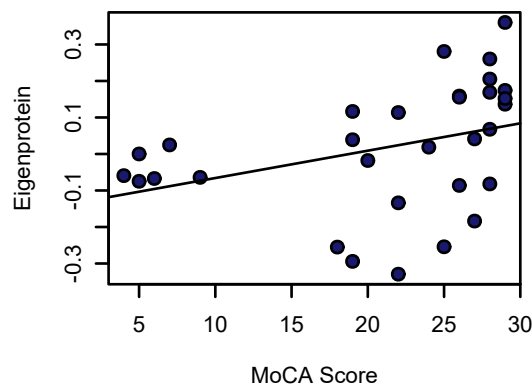
MEmidnightblue.Plasma (Synthetic)
ANOVA p: 0.0039



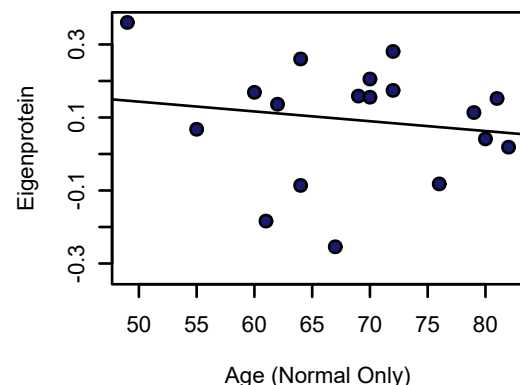
bicor=0.56, p=5e-04
cor=0.54, p=0.00081



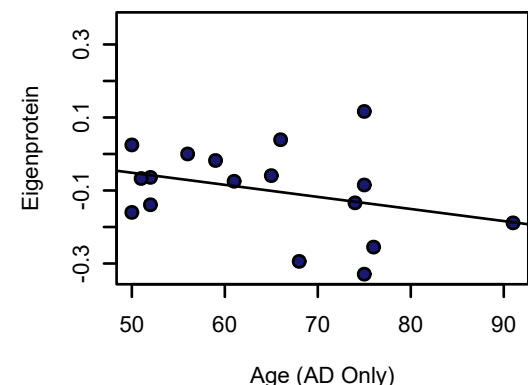
bicor=0.52, p=0.0029
cor=0.36, p=0.047



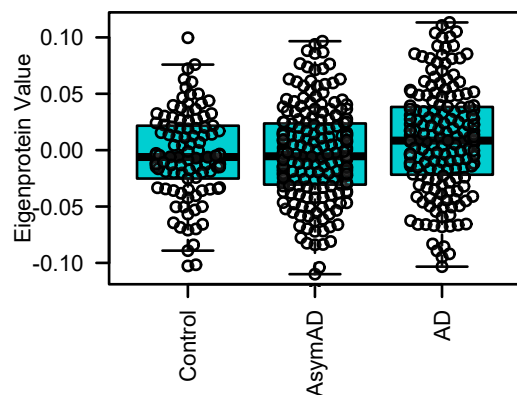
bicor=-0.15, p=0.56
cor=-0.15, p=0.55



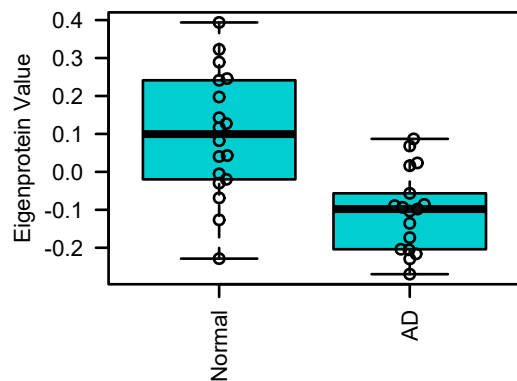
bicor=-0.32, p=0.21
cor=-0.33, p=0.2



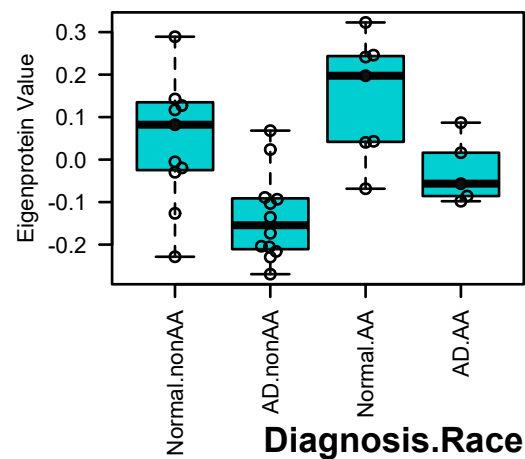
M23 darkturquoise.MEGATMT488
Ambiguous



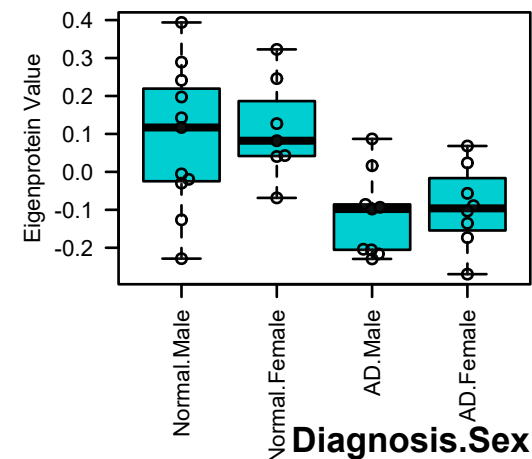
MEdarkturquoise.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00015



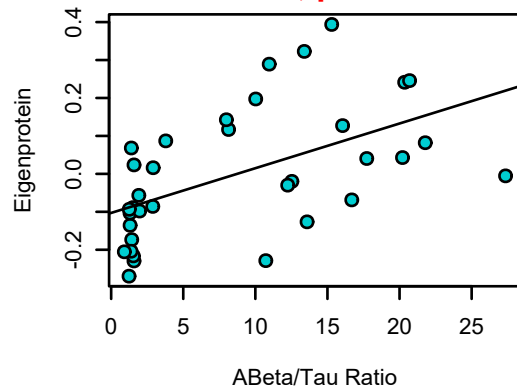
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 6e-04



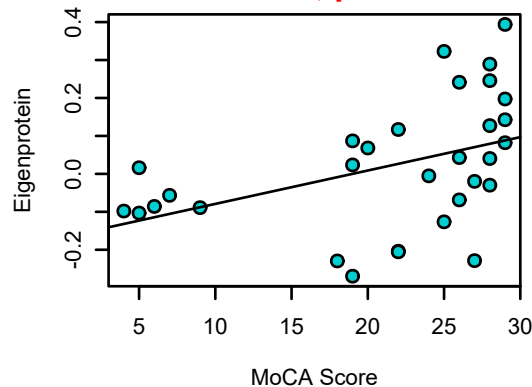
MEdarkturquoise.Plasma (Synthetic)
ANOVA p: 0.0028



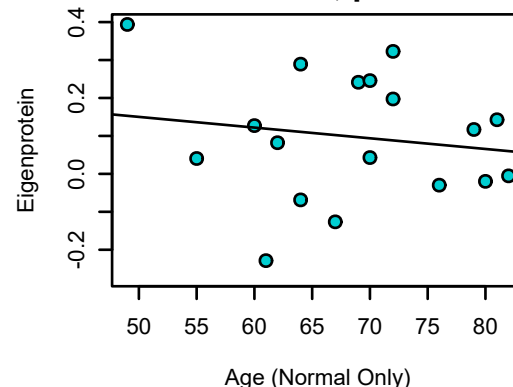
bicor=0.57, p=0.00036
cor=0.54, p=0.00081



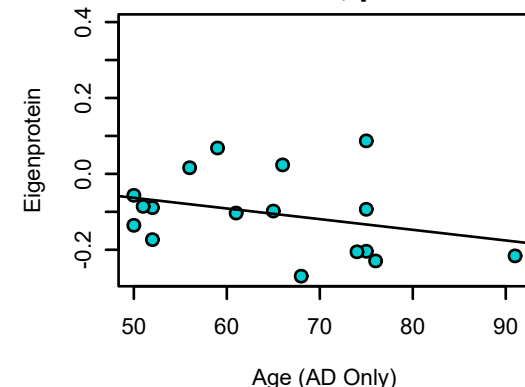
bicor=0.52, p=0.0024
cor=0.43, p=0.016



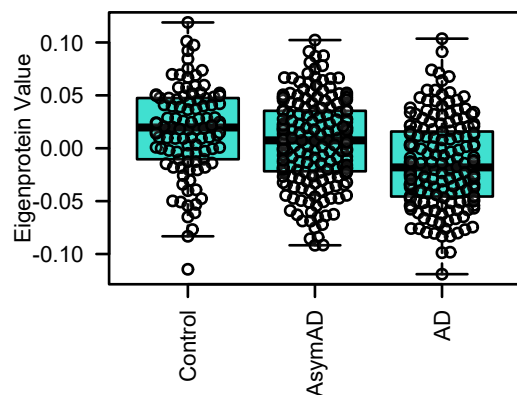
bicor=-0.13, p=0.62
cor=-0.16, p=0.53



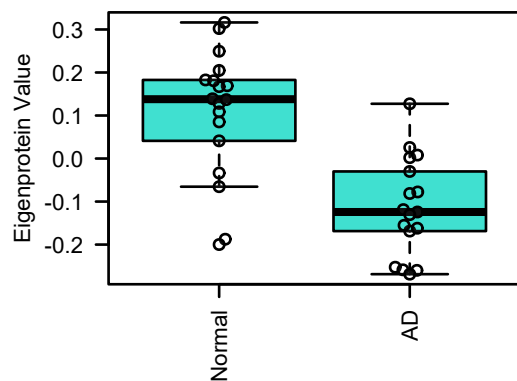
bicor=-0.32, p=0.22
cor=-0.32, p=0.21



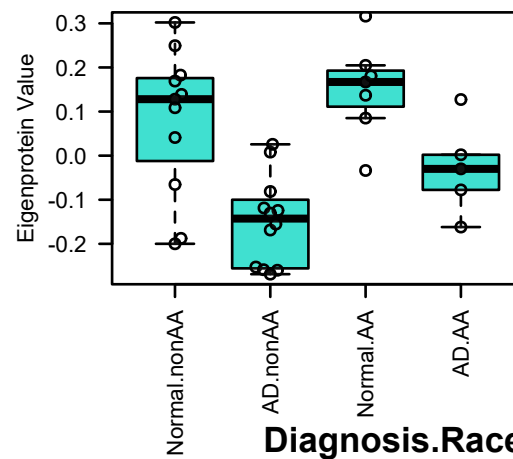
M1 turquoise.MEGATMT488
Synapse/Neuron



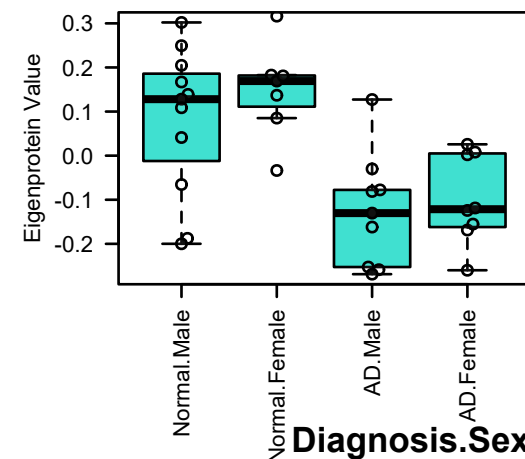
MEturquoise.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.3e-05



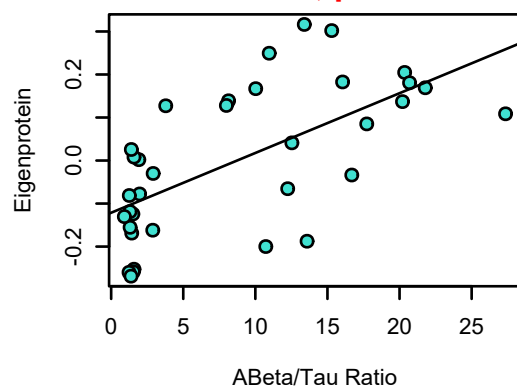
MEturquoise.Plasma (Synthetic)
ANOVA p: 7.7e-05



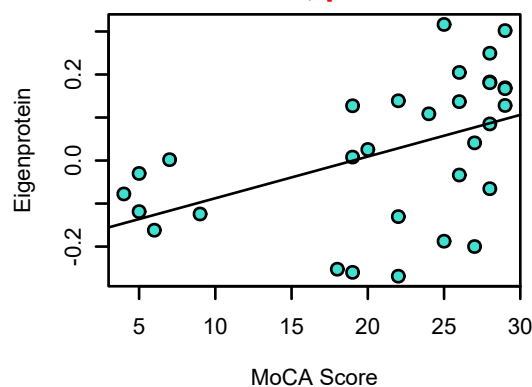
MEturquoise.Plasma (Synthetic)
ANOVA p: 0.00033



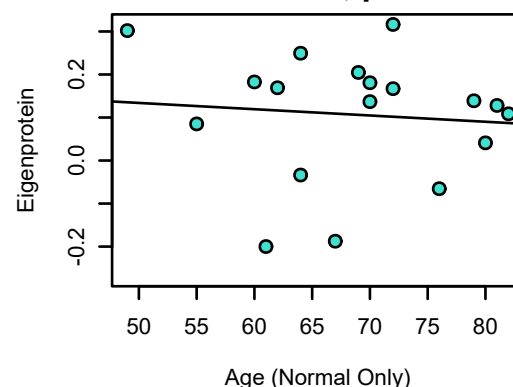
bicor=0.65, p=2.5e-05
cor=0.63, p=5e-05



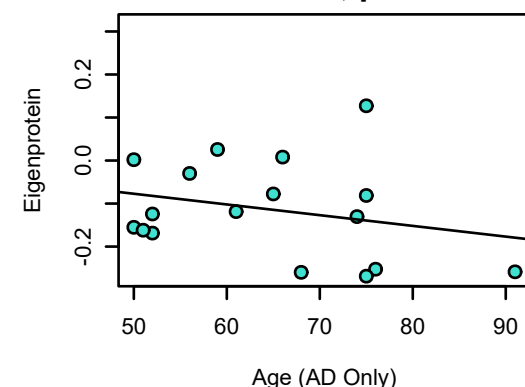
bicor=0.56, p=0.0011
cor=0.48, p=0.0063

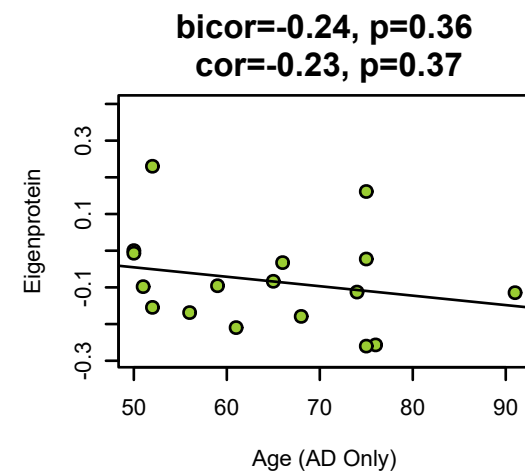
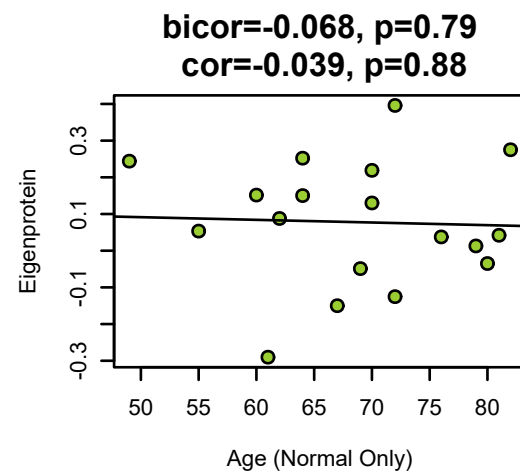
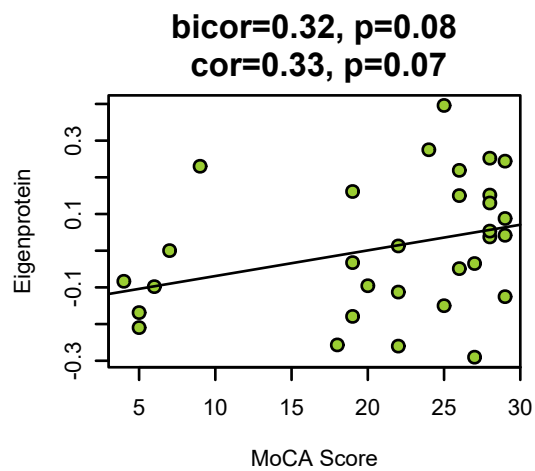
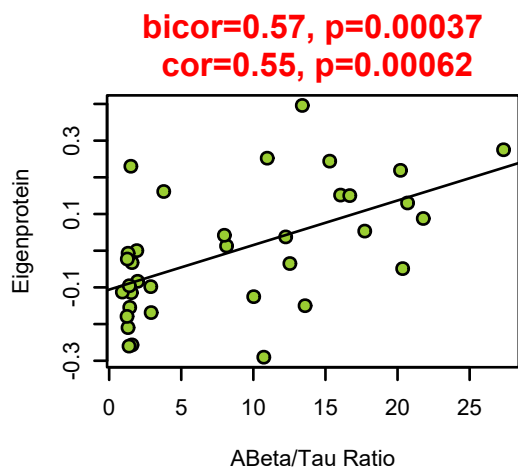
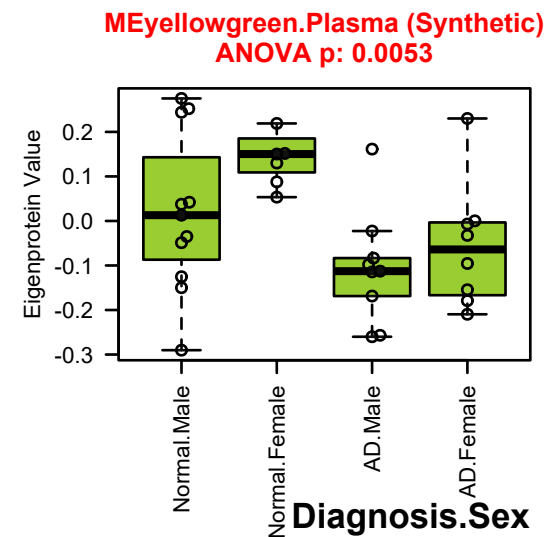
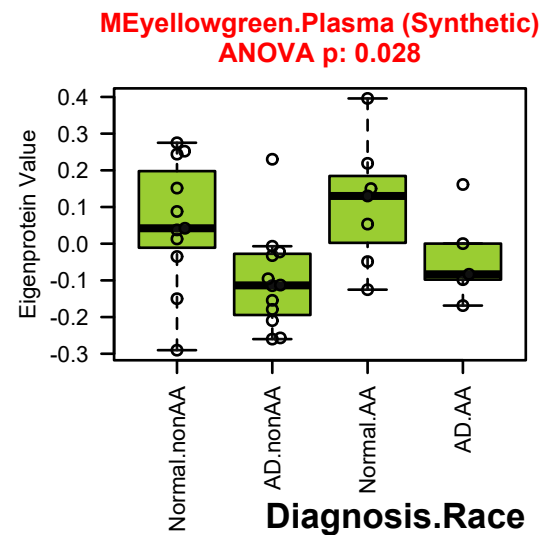
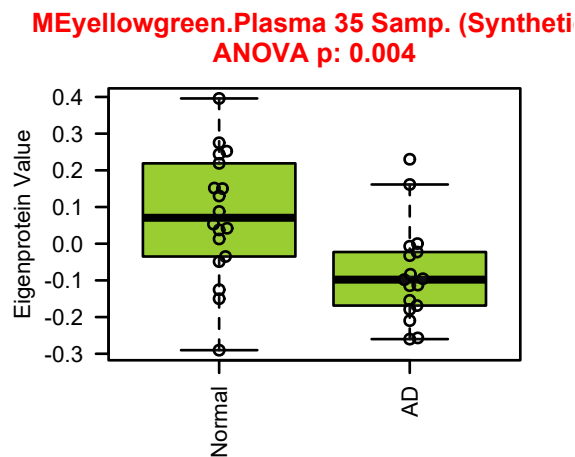
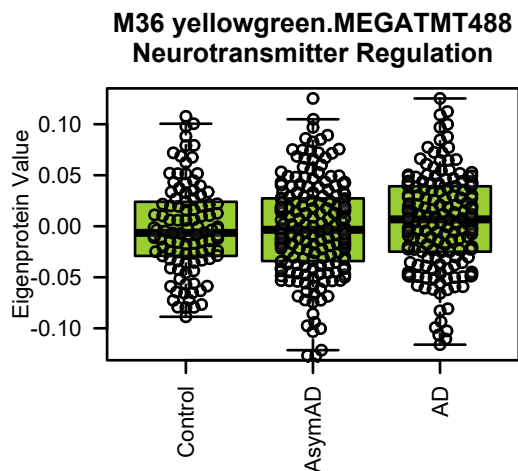
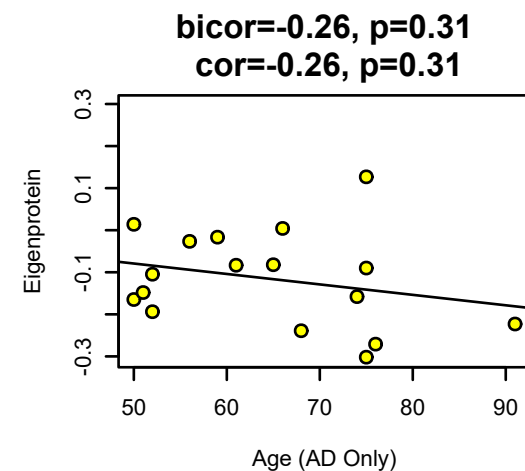
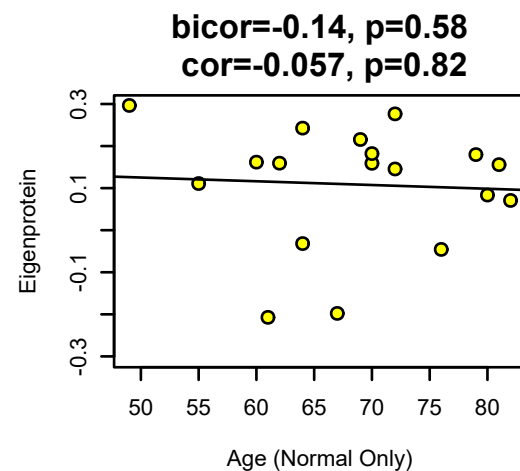
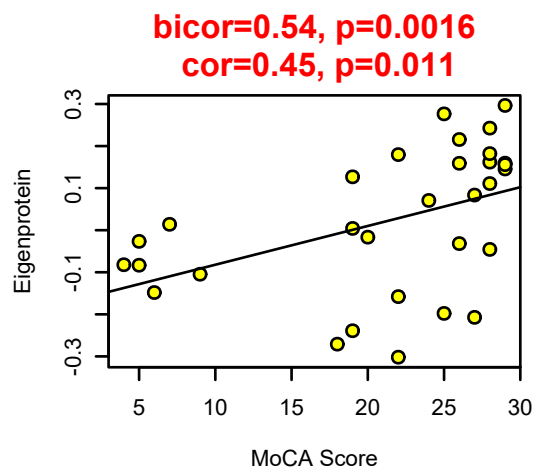
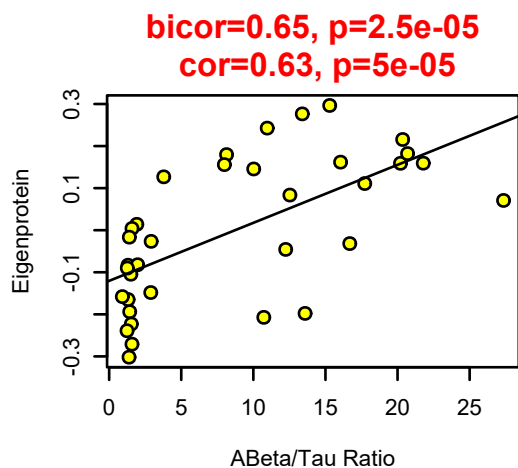
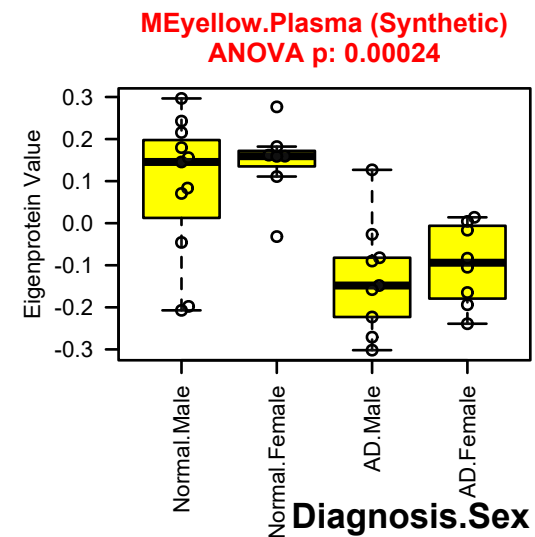
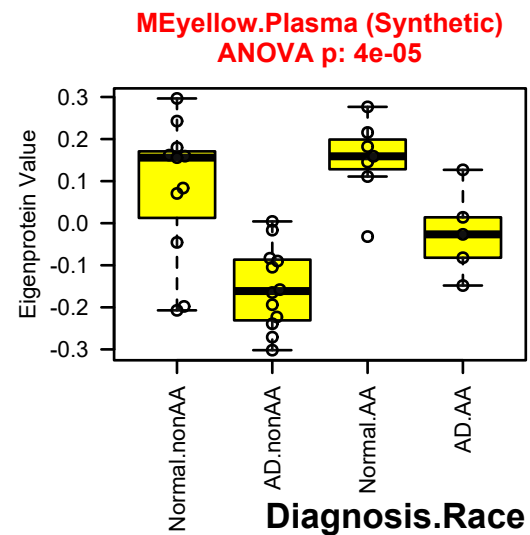
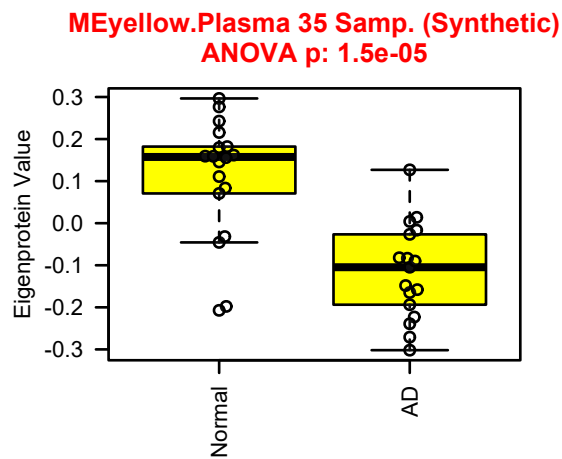
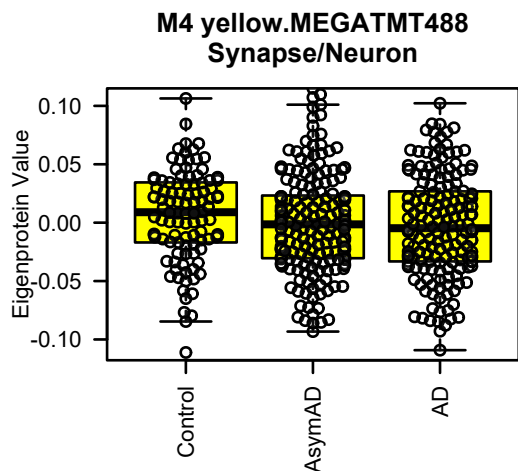


bicor=-0.19, p=0.45
cor=-0.091, p=0.72

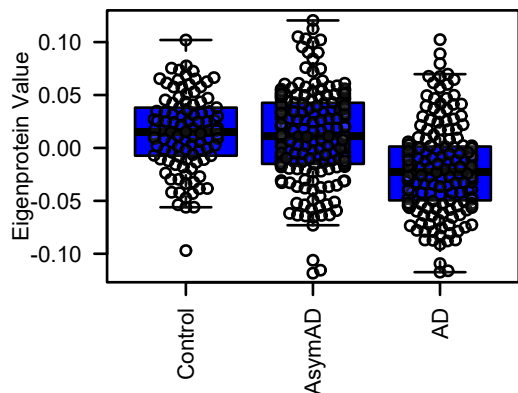


bicor=-0.28, p=0.28
cor=-0.26, p=0.31

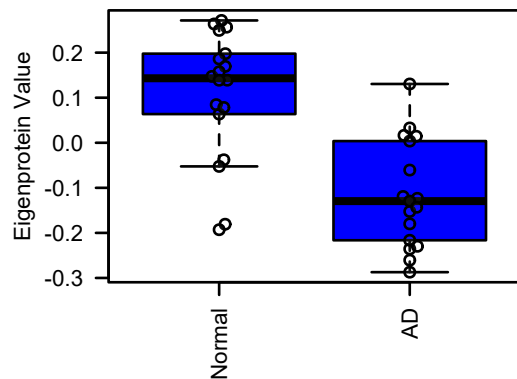




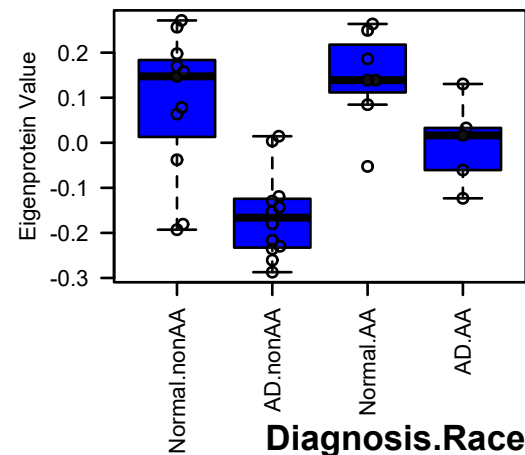
M2 blue.MEGATMT488
Mitochondria



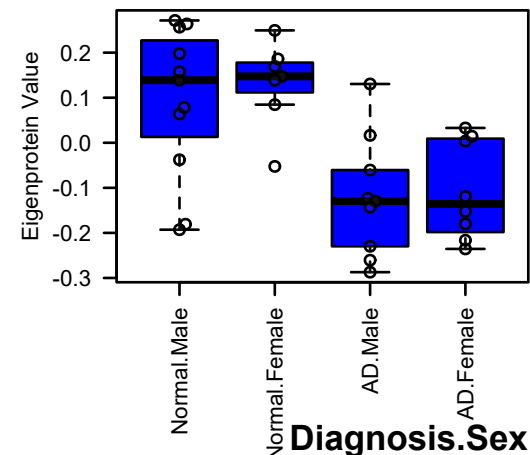
MEblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.9e-05



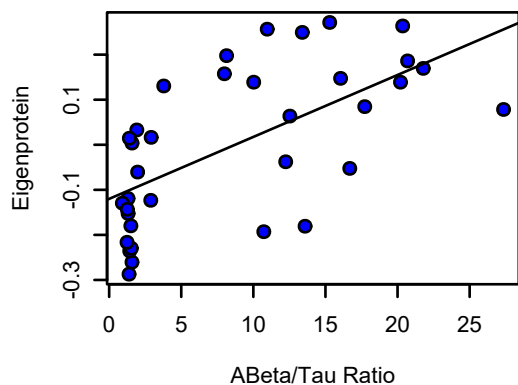
MEblue.Plasma (Synthetic)
ANOVA p: 2.3e-05



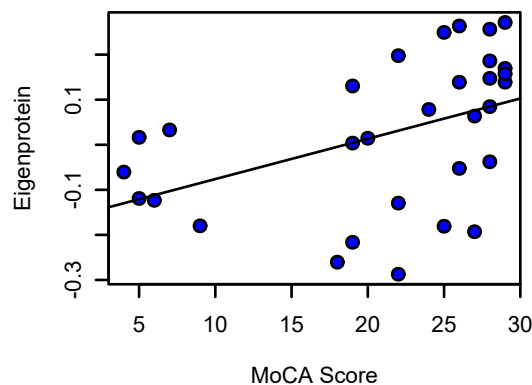
MEblue.Plasma (Synthetic)
ANOVA p: 0.00042



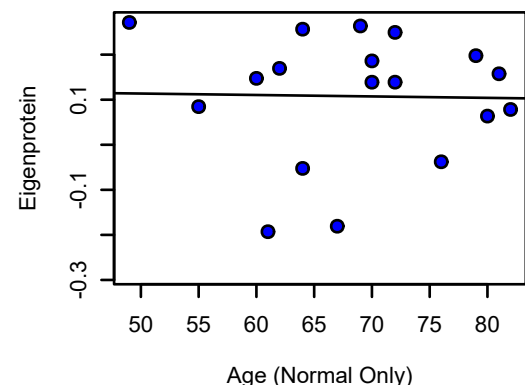
bicor=0.63, p=4.5e-05
cor=0.63, p=5e-05



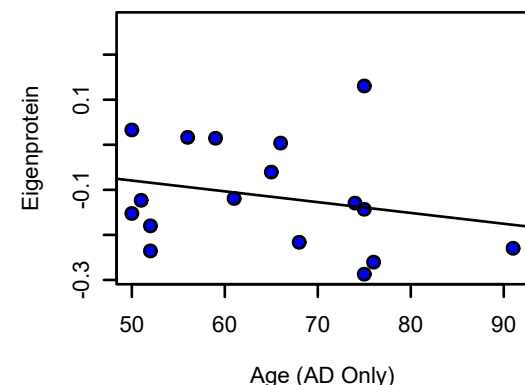
bicor=0.56, p=0.0012
cor=0.45, p=0.011



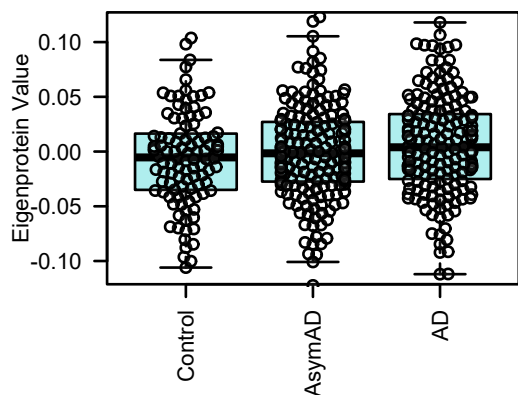
bicor=-0.056, p=0.83
cor=-0.021, p=0.93



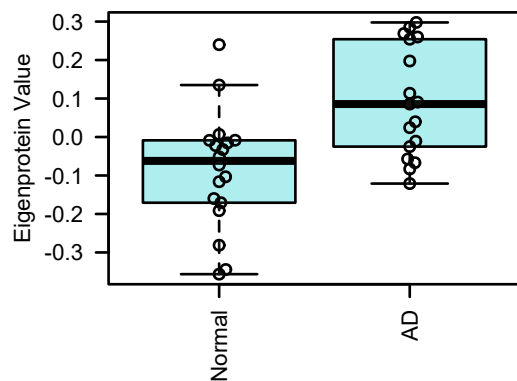
bicor=-0.26, p=0.32
cor=-0.24, p=0.35



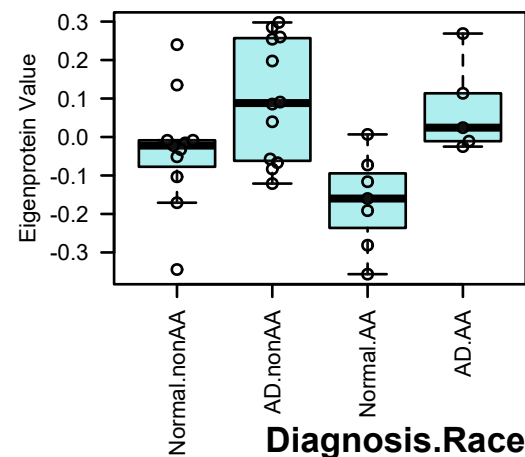
M31 paleturquoise.MEGATMT488
Axon Node/Ion Channel



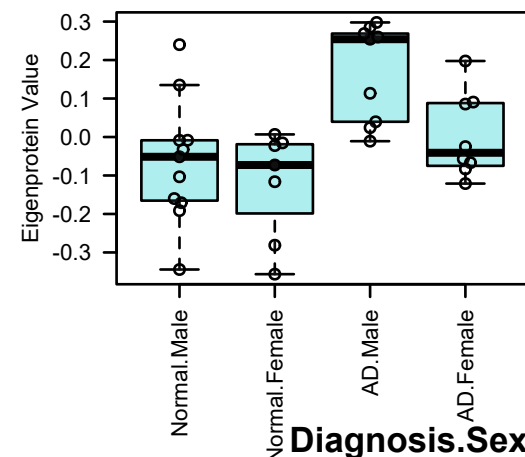
MEpaleturquoise.Plasma 35 Samp. (Synthet)
ANOVA p: 0.0012



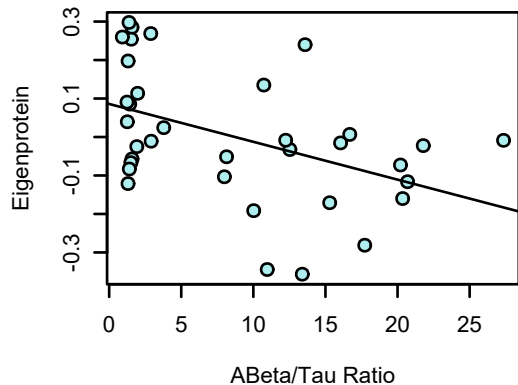
MEpaleturquoise.Plasma (Synthetic)
ANOVA p: 0.0033



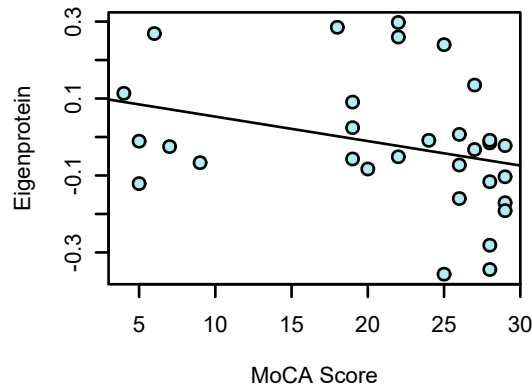
MEpaleturquoise.Plasma (Synthetic)
ANOVA p: 0.00085



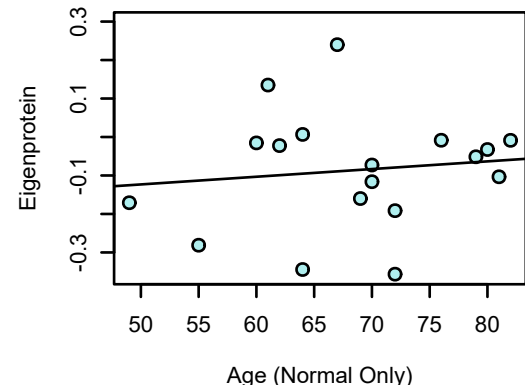
bicor=-0.46, p=0.0051
cor=-0.45, p=0.0067



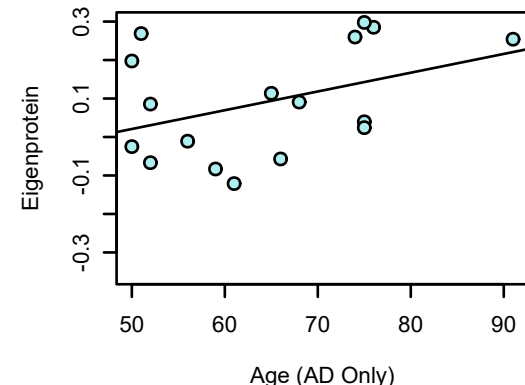
bicor=-0.44, p=0.014
cor=-0.31, p=0.09



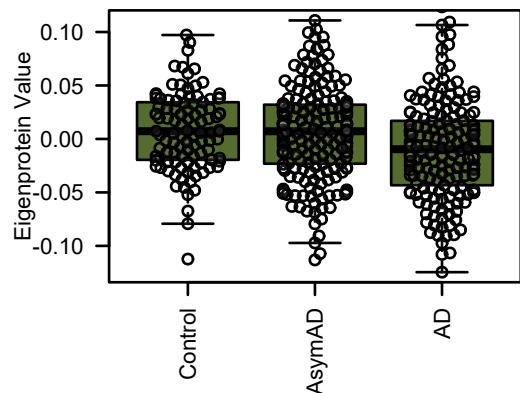
bicor=0.15, p=0.56
cor=0.12, p=0.64



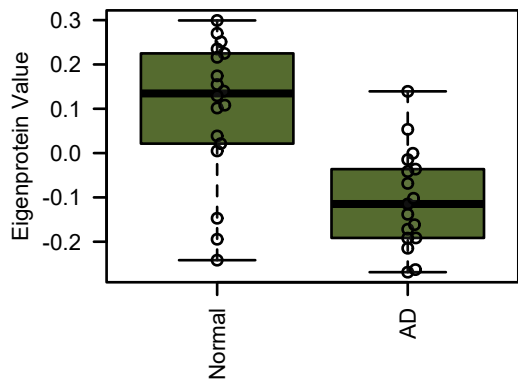
bicor=0.4, p=0.11
cor=0.41, p=0.1



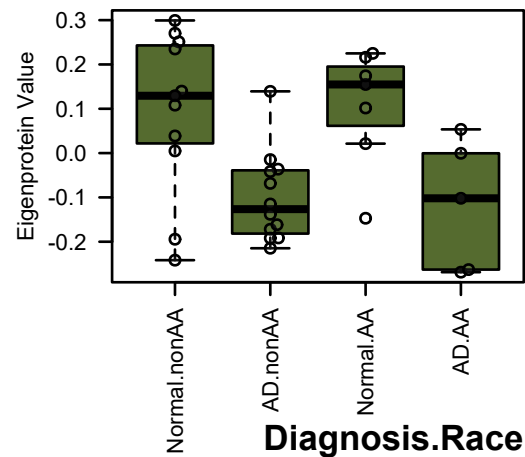
M33 darkolivegreen.MEGATMT488
Ambiguous



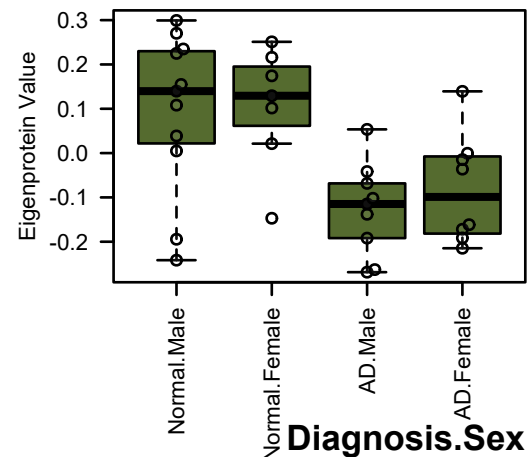
MEdarkolivegreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00012



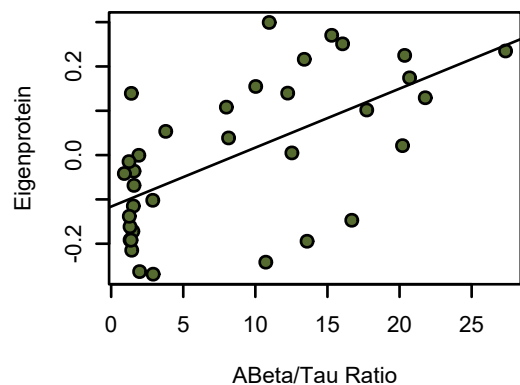
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 0.0024



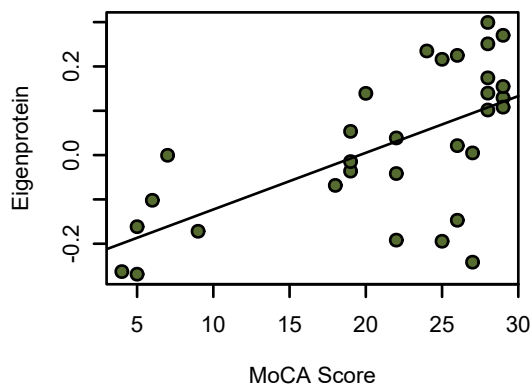
MEdarkolivegreen.Plasma (Synthetic)
ANOVA p: 0.002



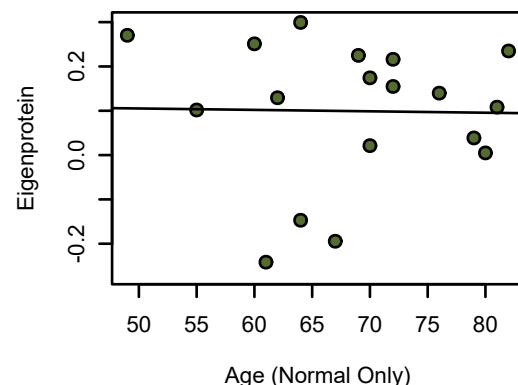
bicor=0.61, p=9.4e-05
cor=0.61, p=1e-04



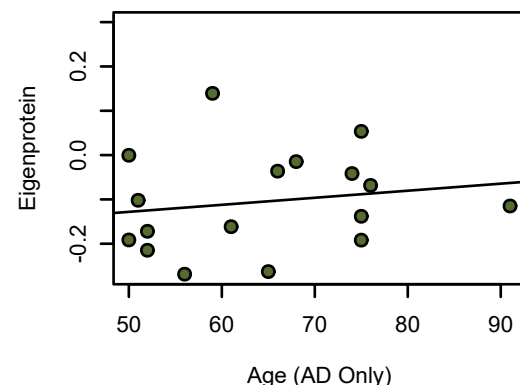
bicor=0.52, p=0.0026
cor=0.62, p=2e-04



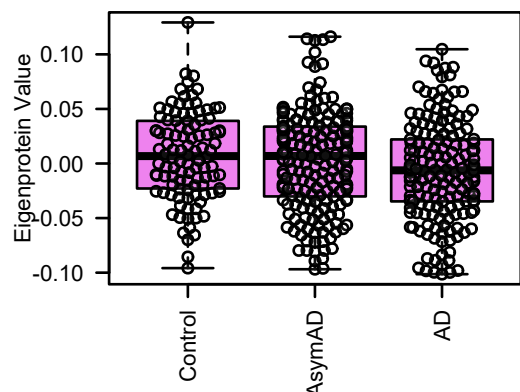
bicor=-0.034, p=0.89
cor=-0.018, p=0.94



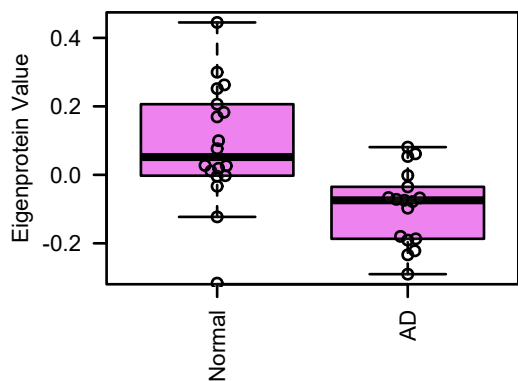
bicor=0.2, p=0.44
cor=0.17, p=0.51



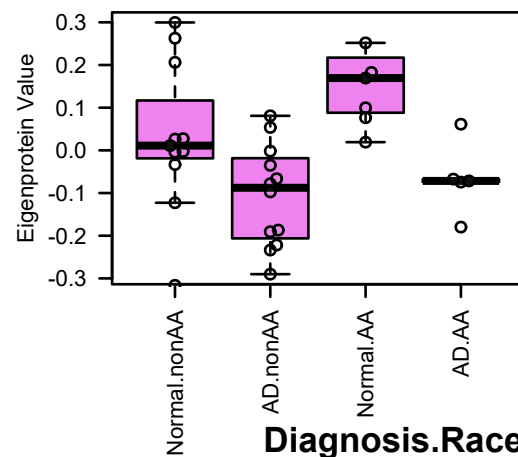
M32 violet.MEGATMT488
Ambiguous



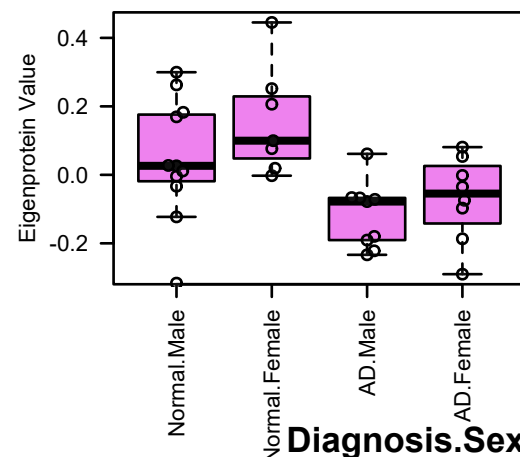
MEviolet.Plasma 35 Samp. (Synthetic)
ANOVA p: 8e-04



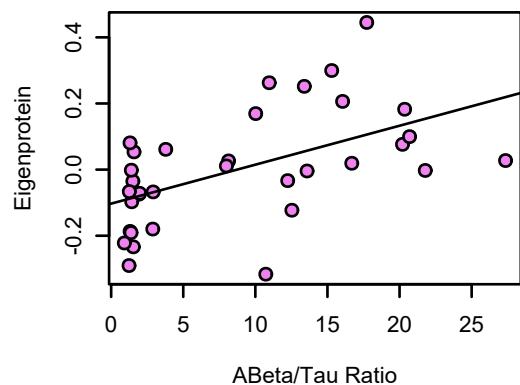
MEviolet.Plasma (Synthetic)
ANOVA p: 0.0015



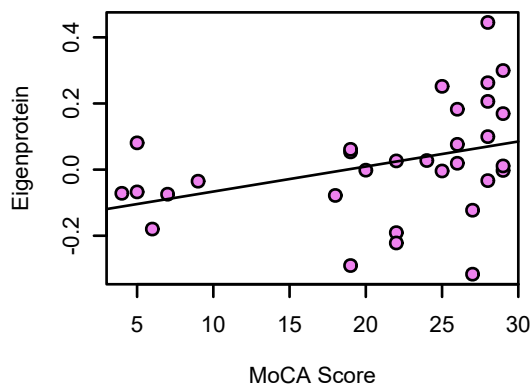
MEviolet.Plasma (Synthetic)
ANOVA p: 0.0032



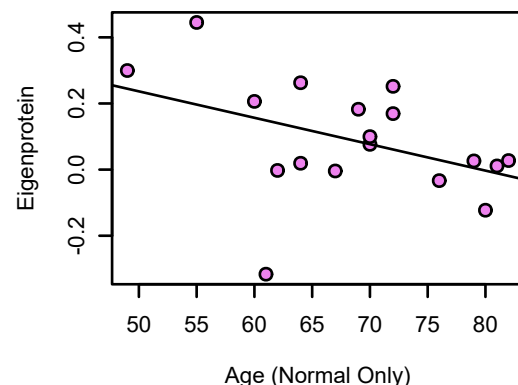
bicor=0.58, p=0.00029
cor=0.54, p=0.00081



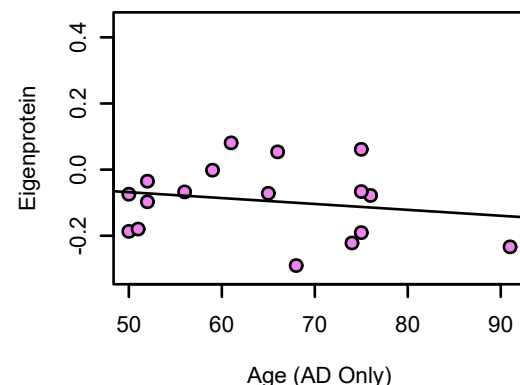
bicor=0.47, p=0.0082
cor=0.37, p=0.04

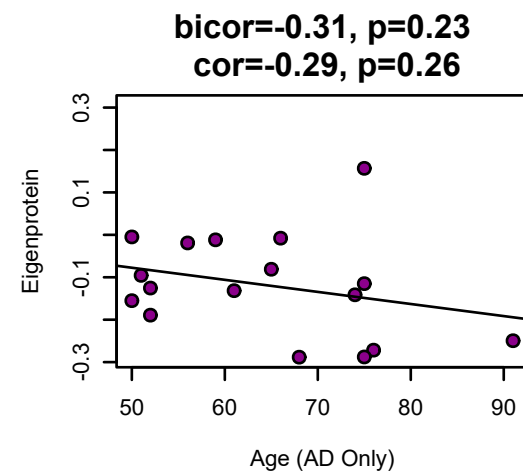
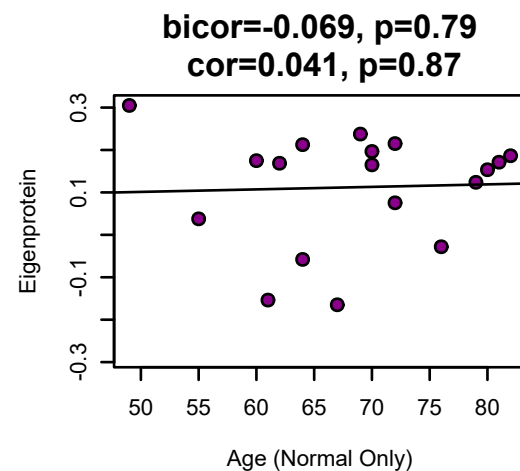
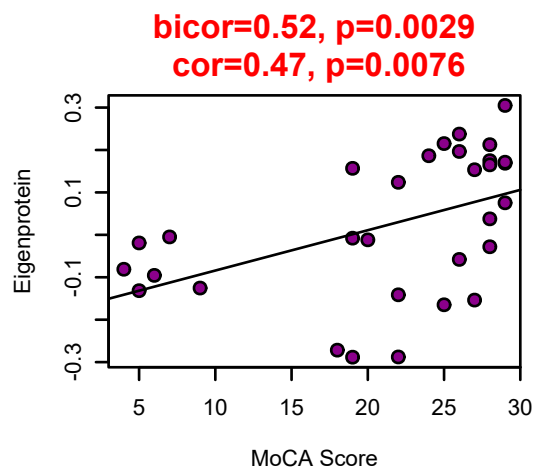
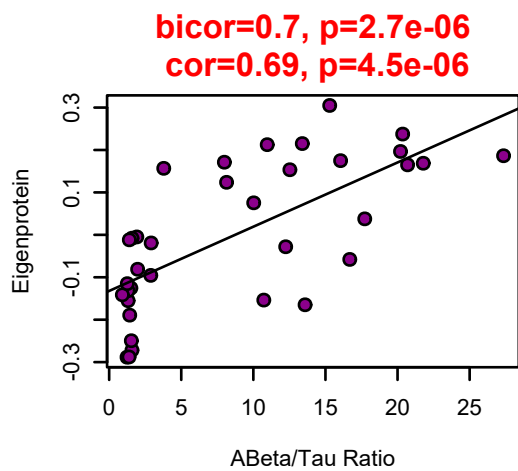
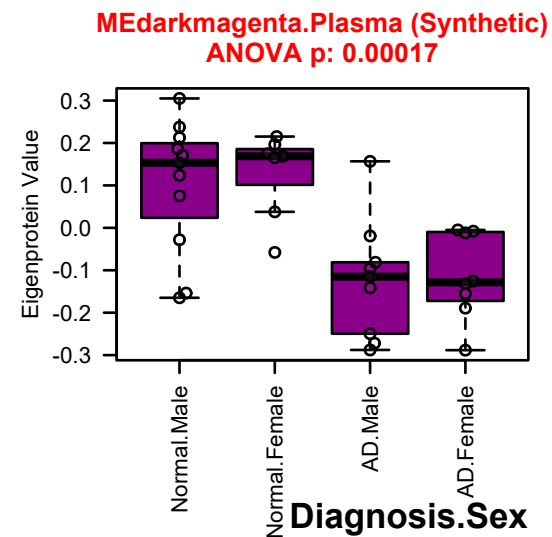
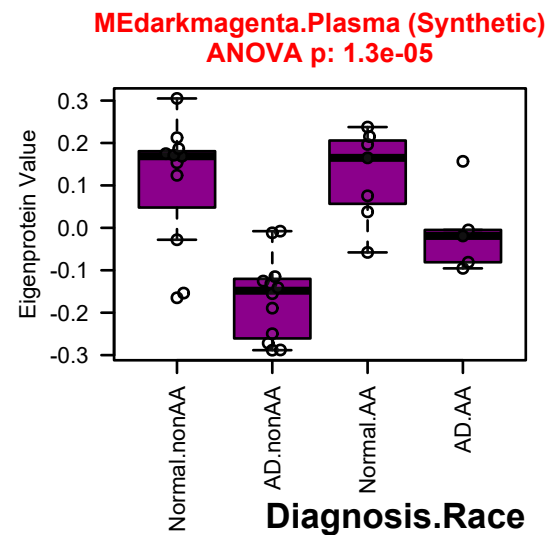
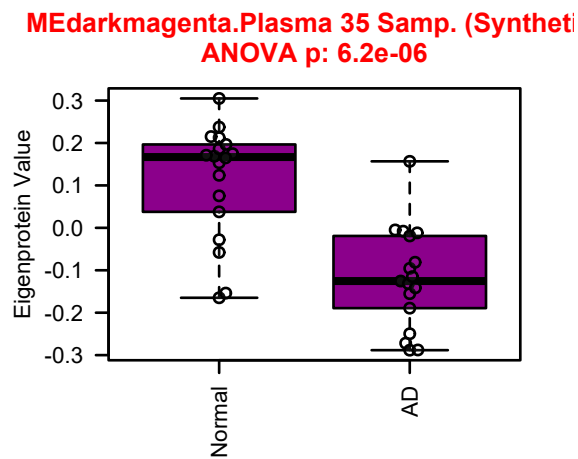
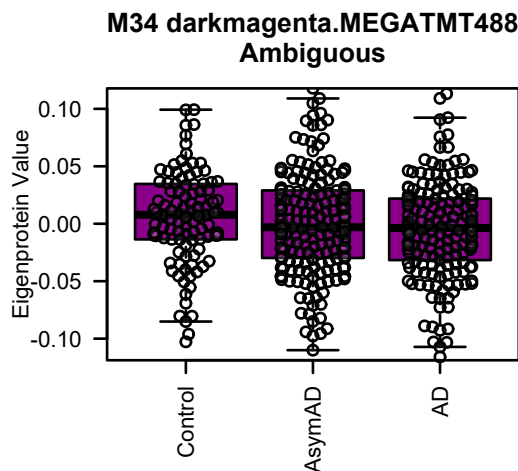
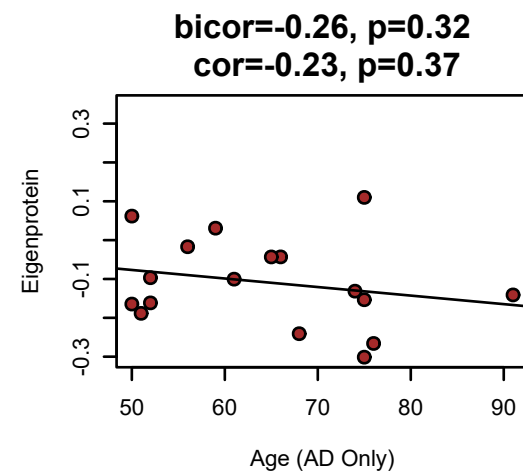
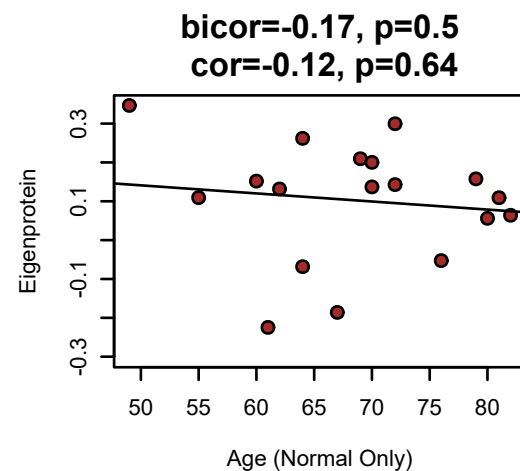
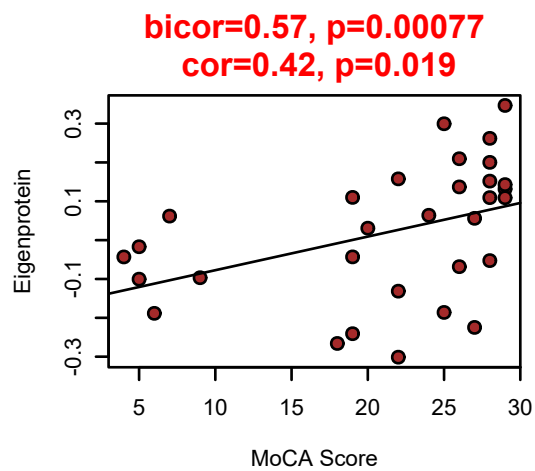
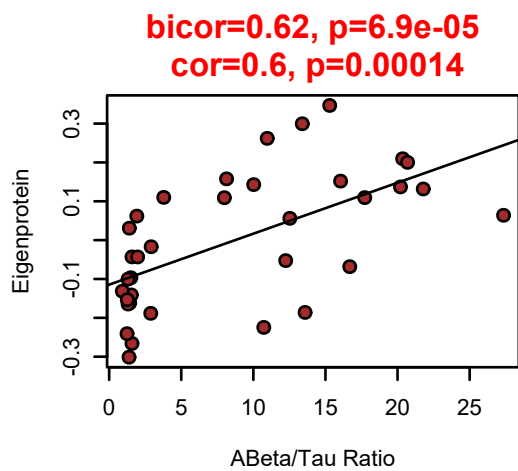
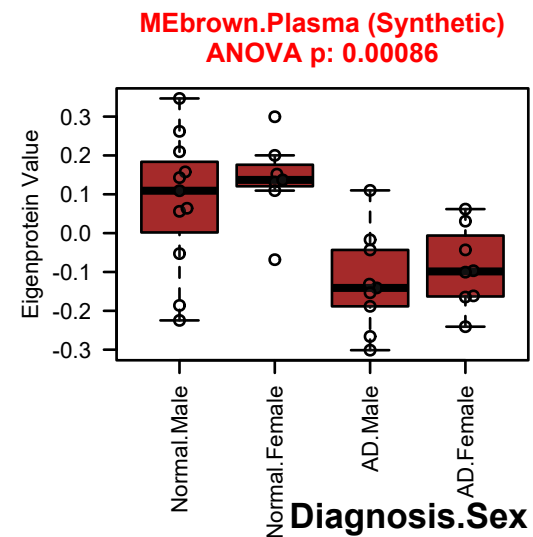
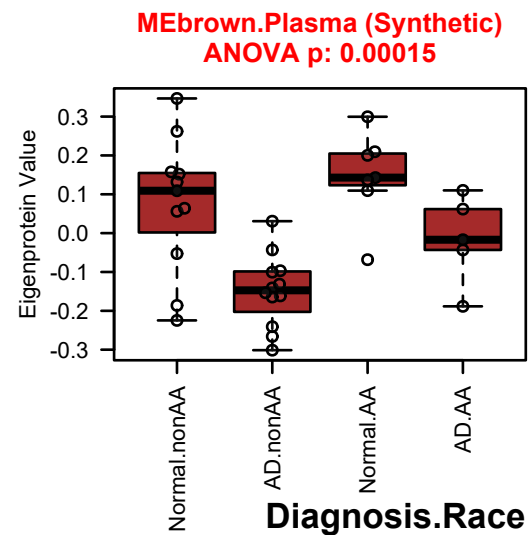
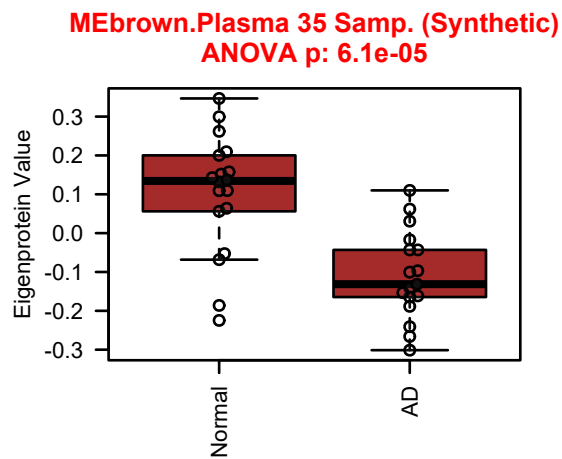
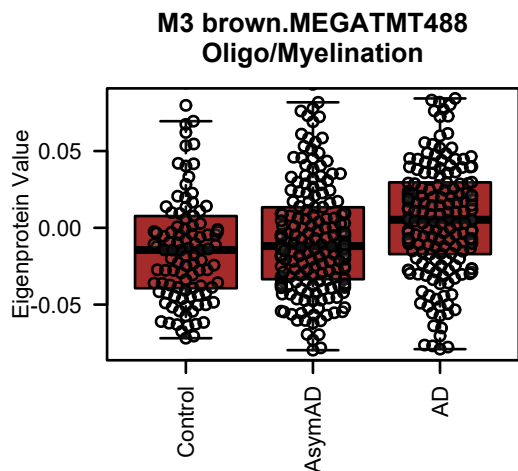


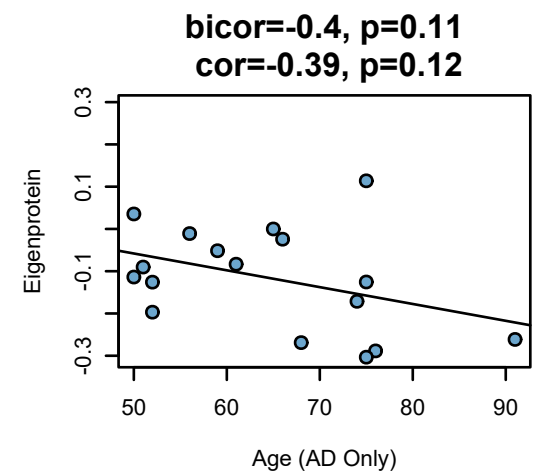
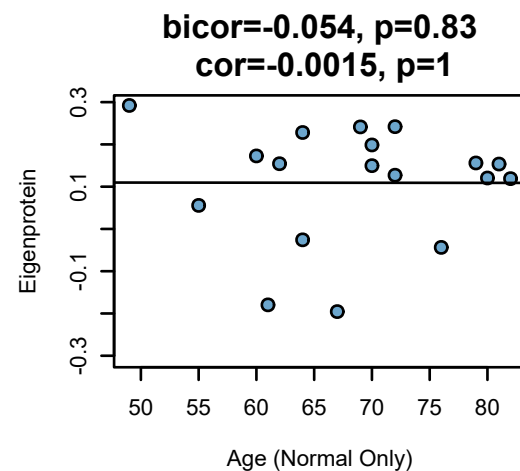
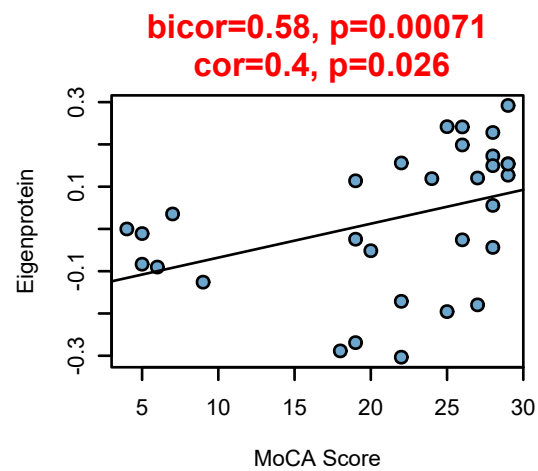
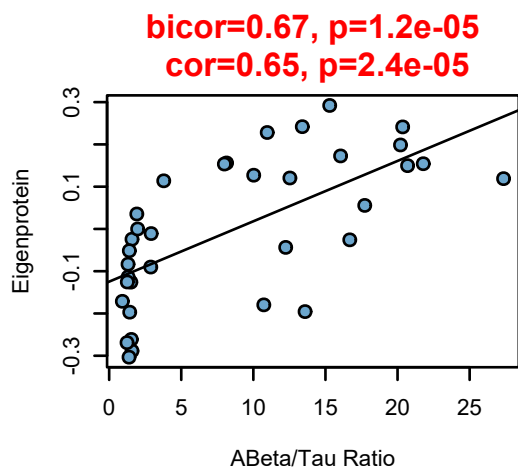
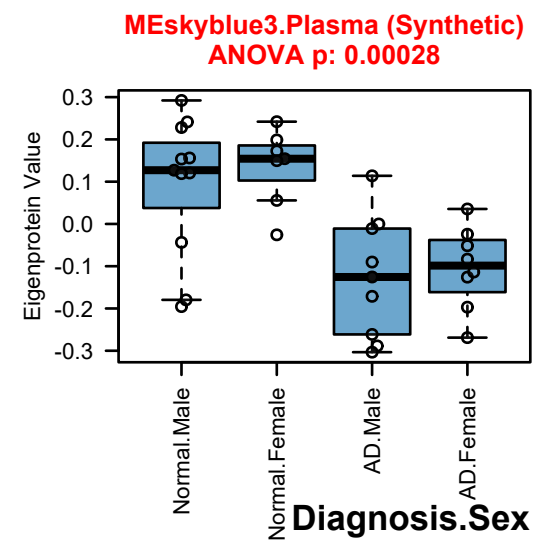
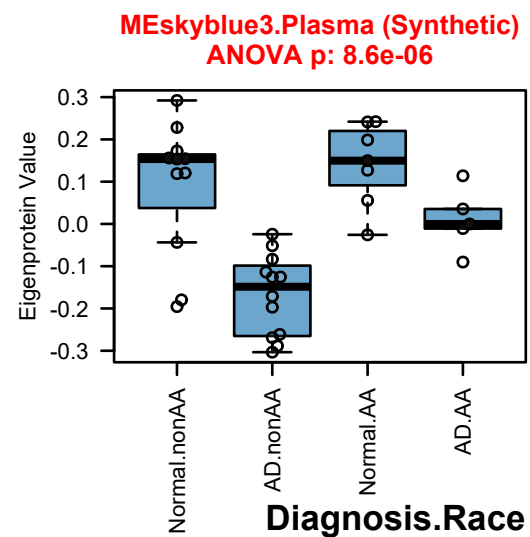
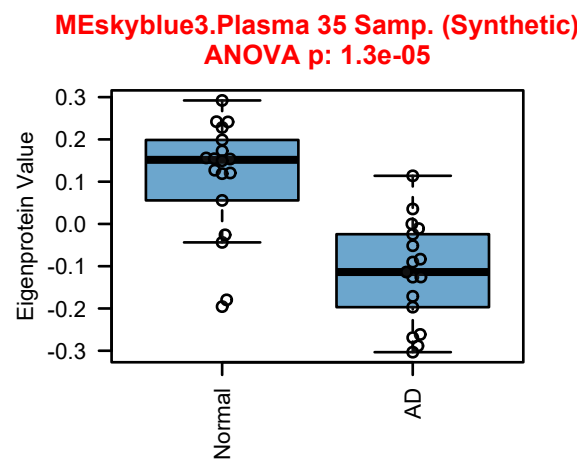
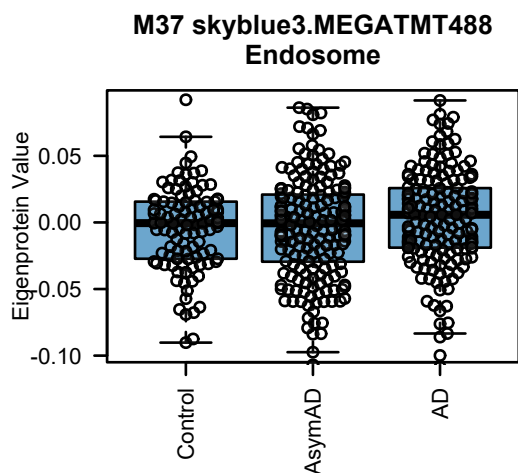
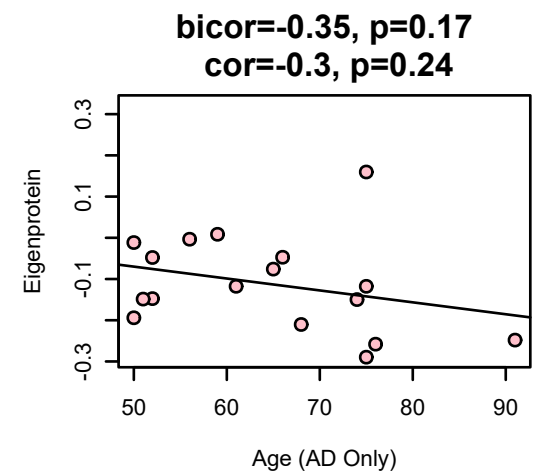
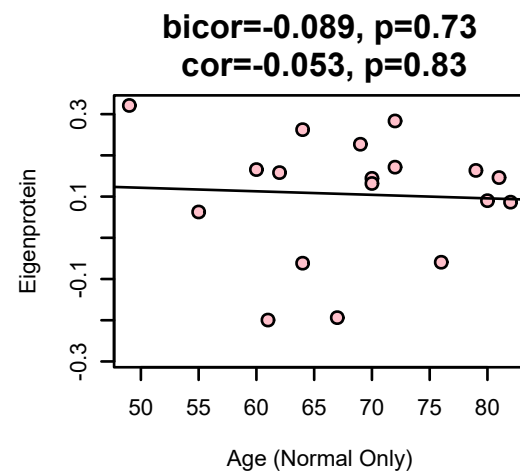
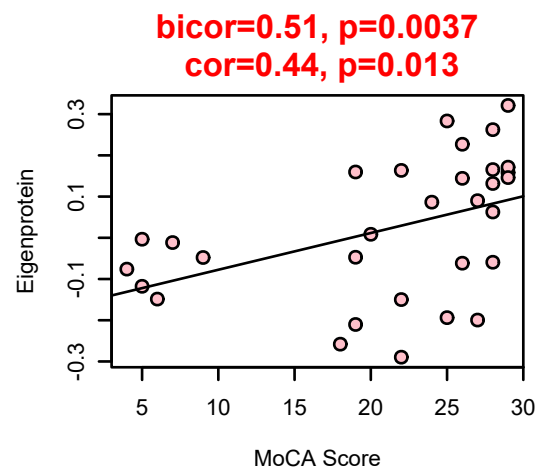
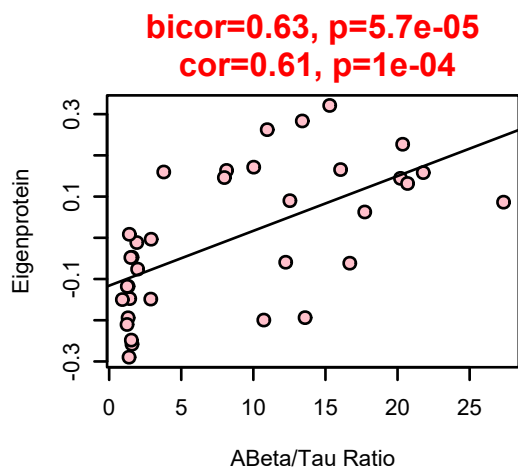
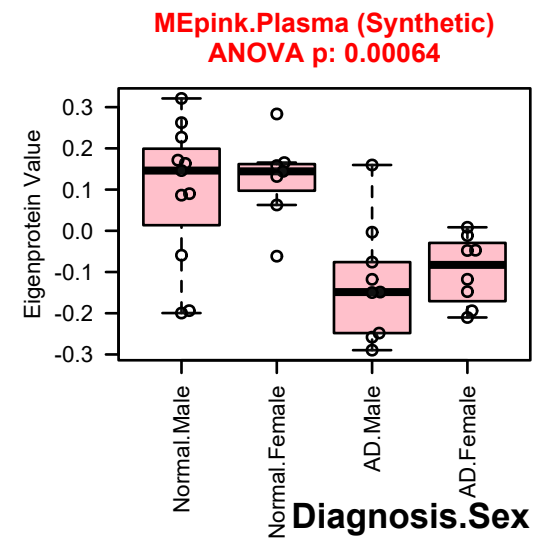
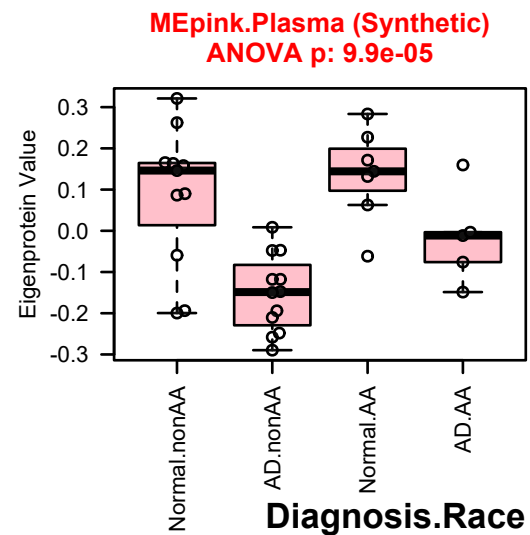
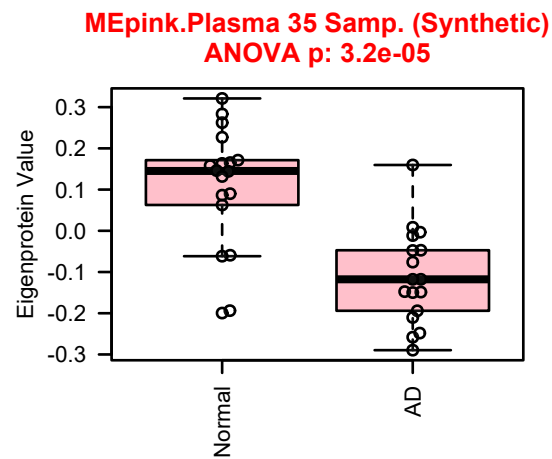
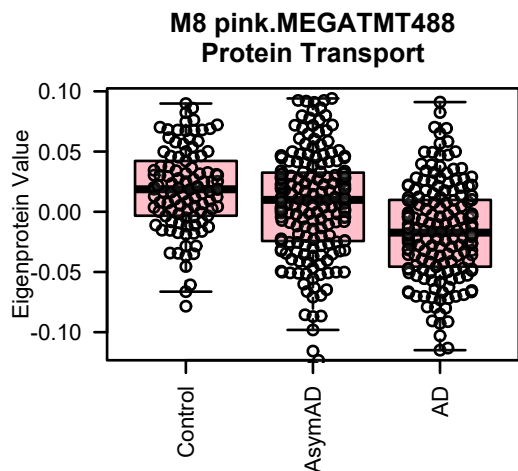
bicor=-0.43, p=0.072
cor=-0.42, p=0.083

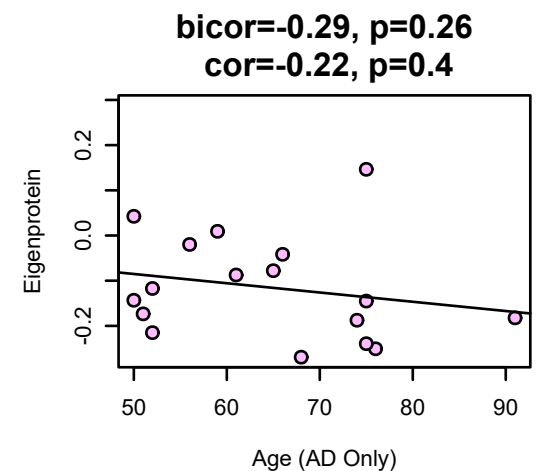
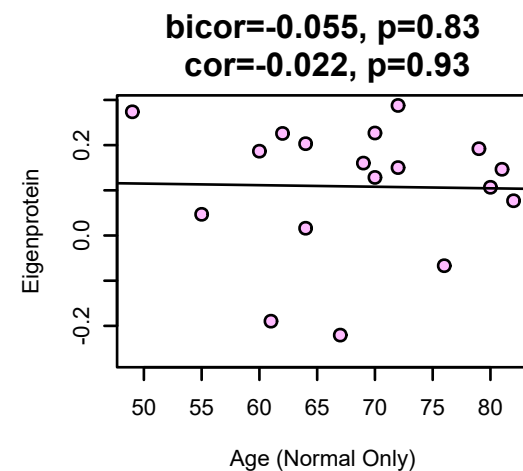
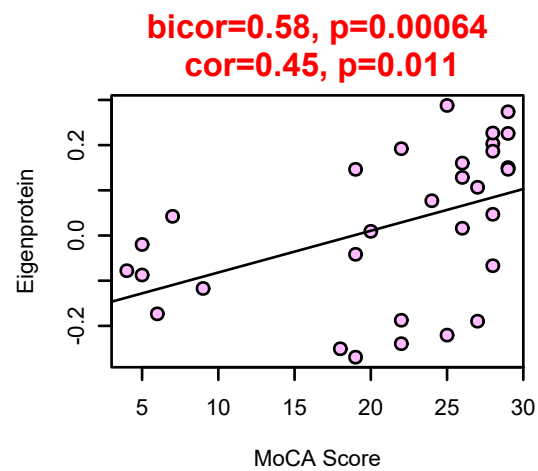
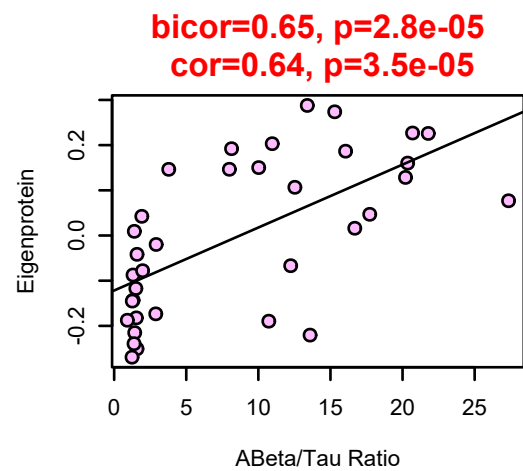
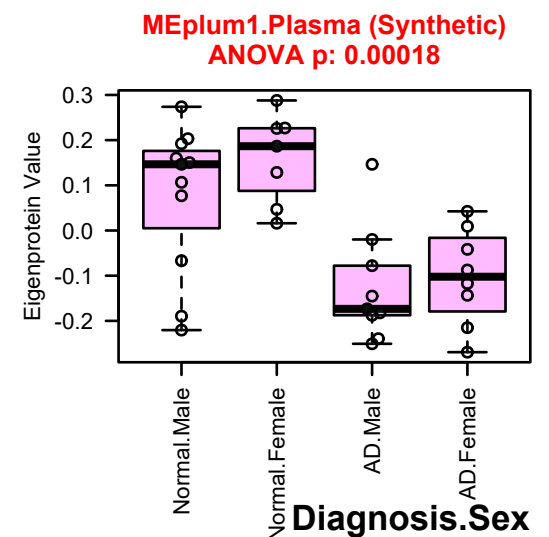
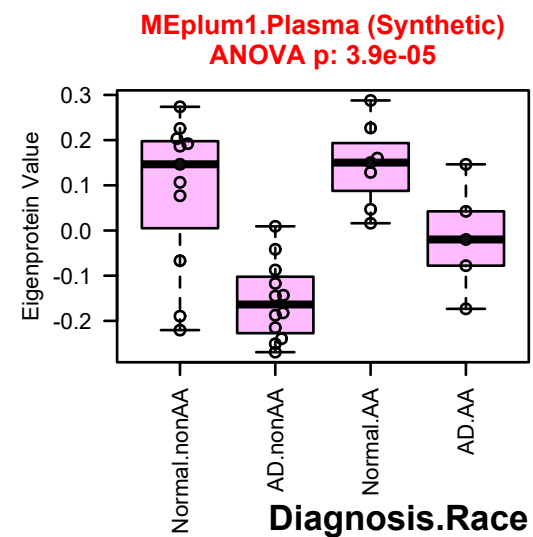
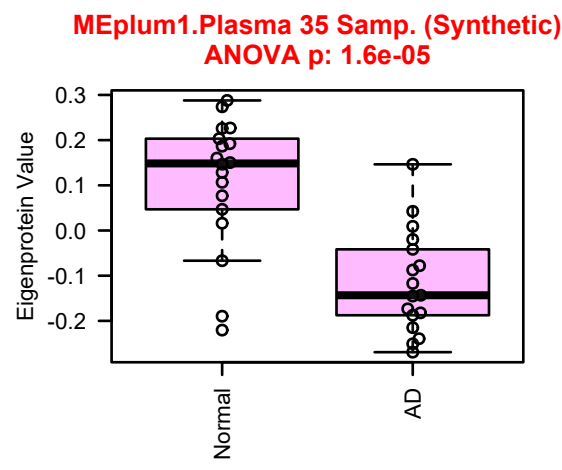
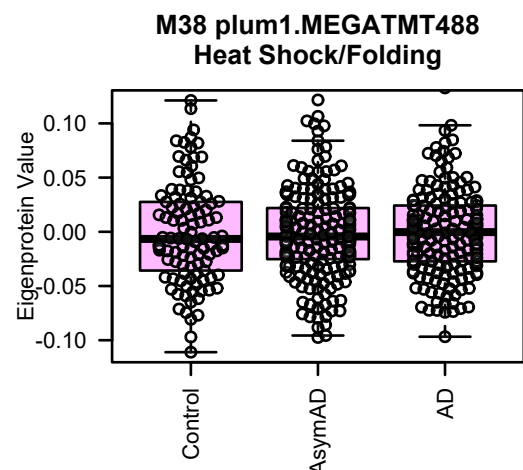
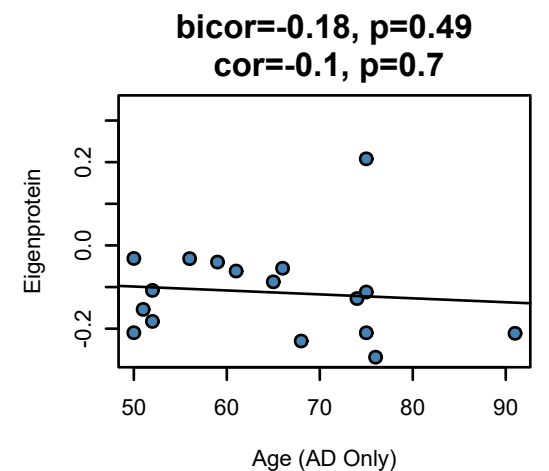
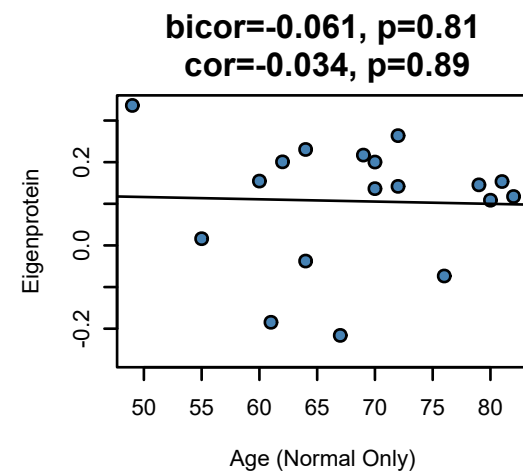
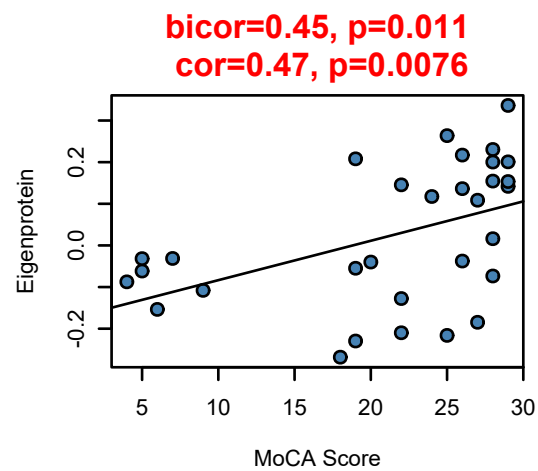
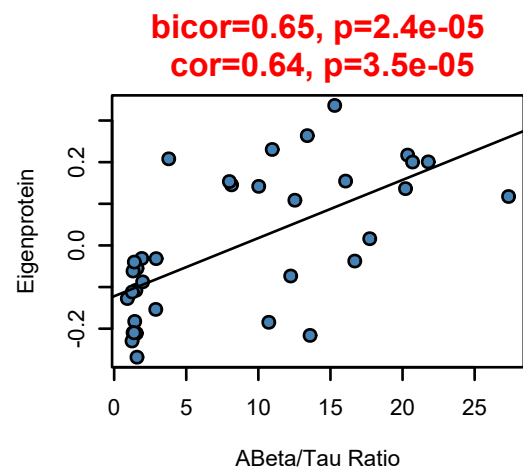
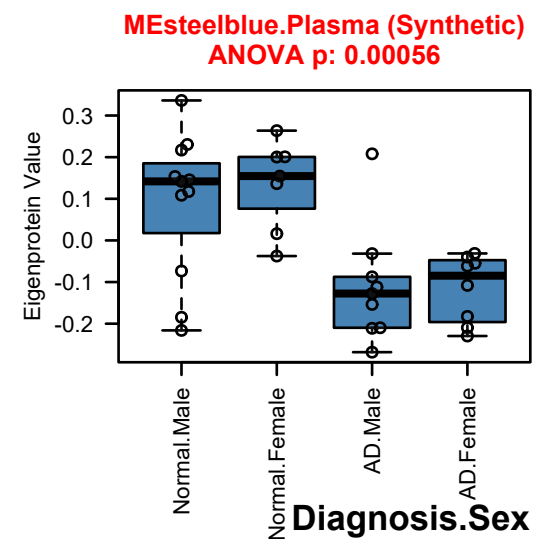
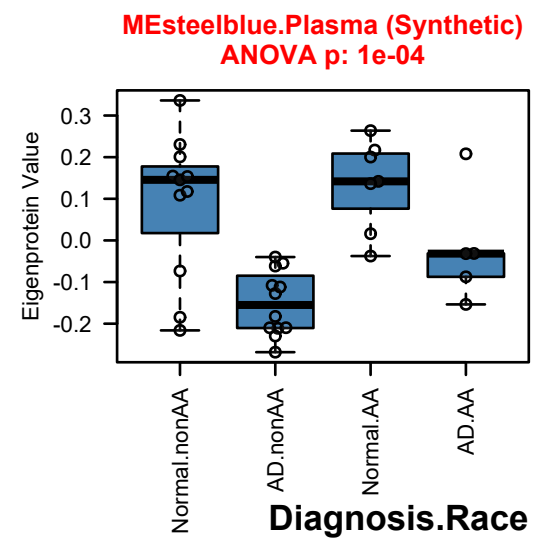
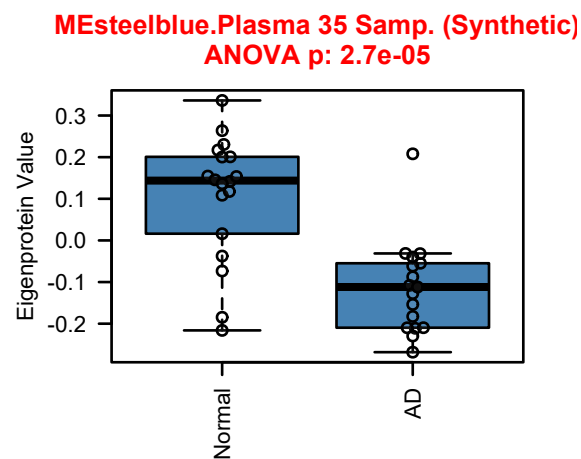
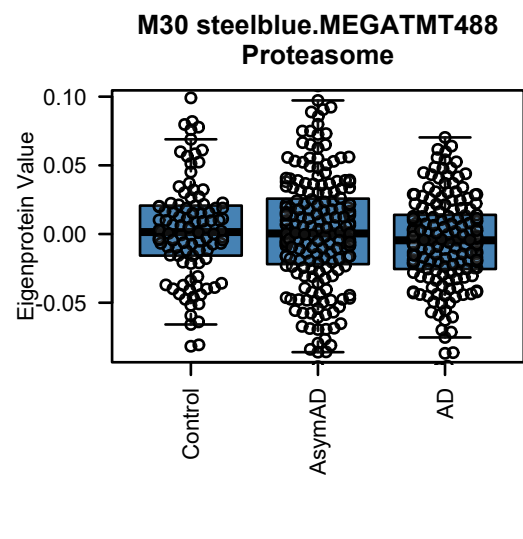


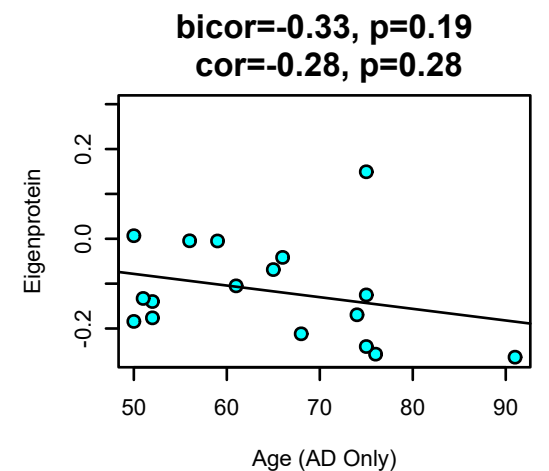
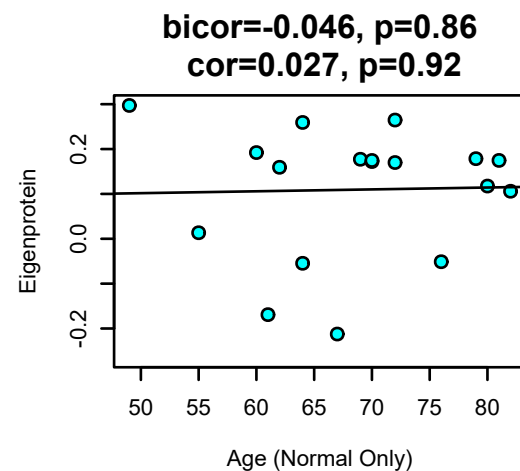
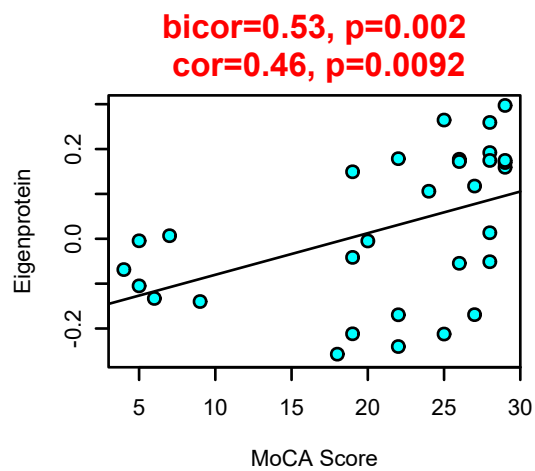
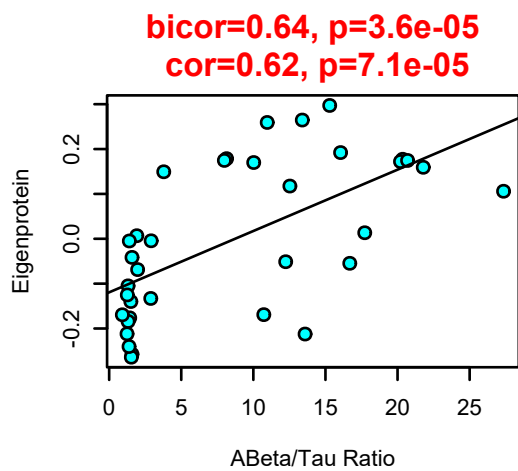
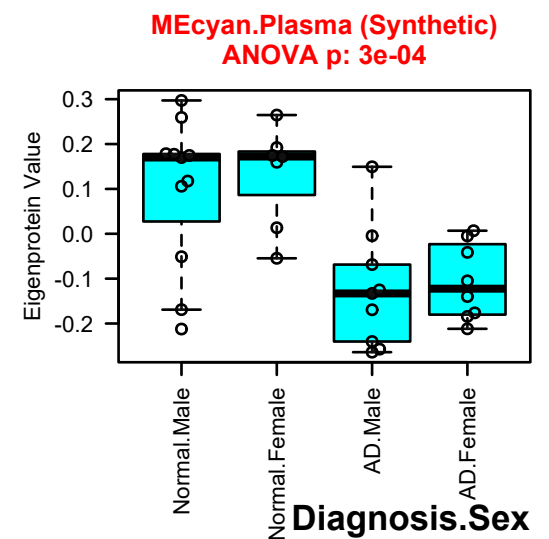
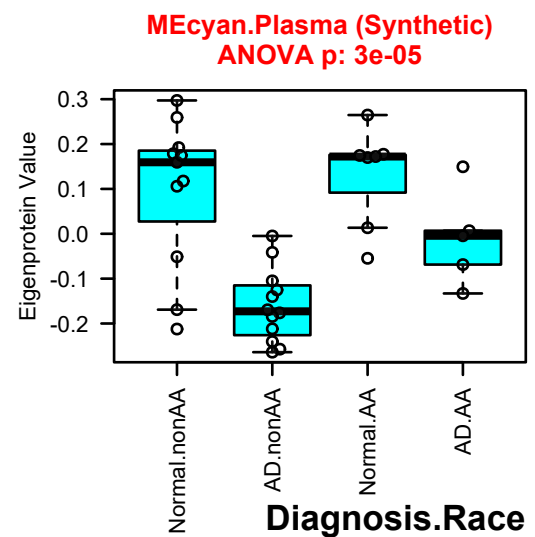
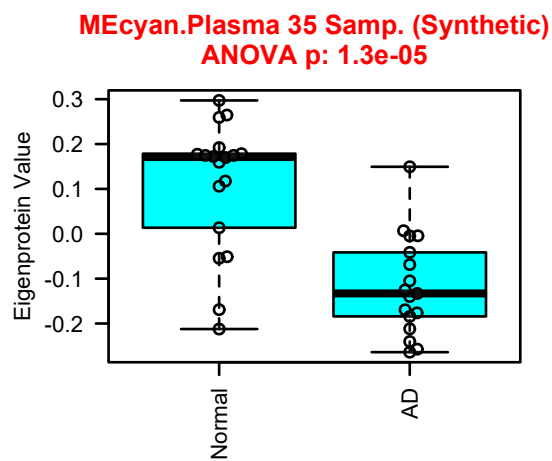
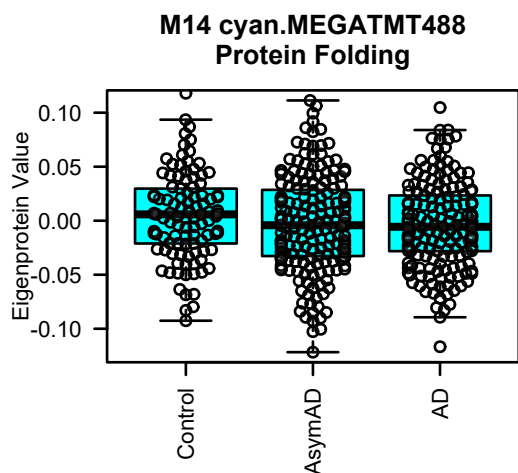
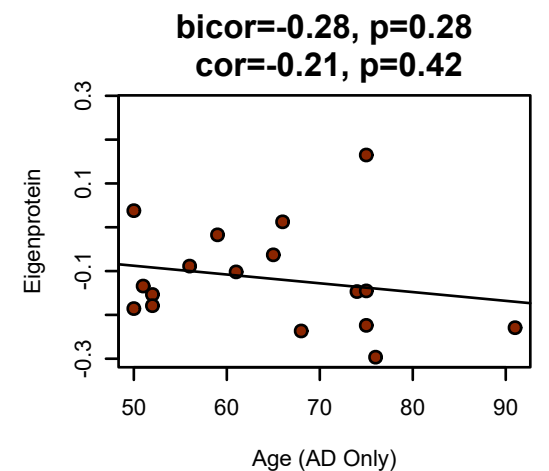
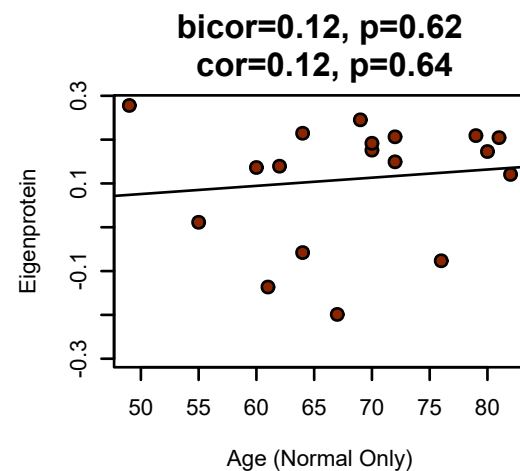
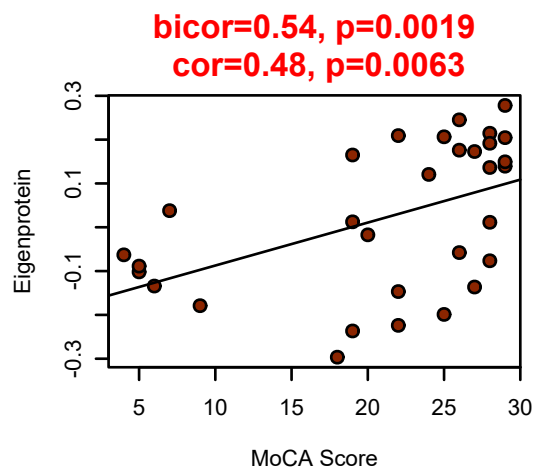
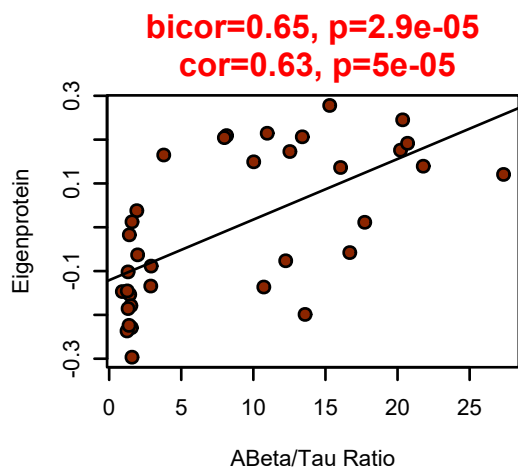
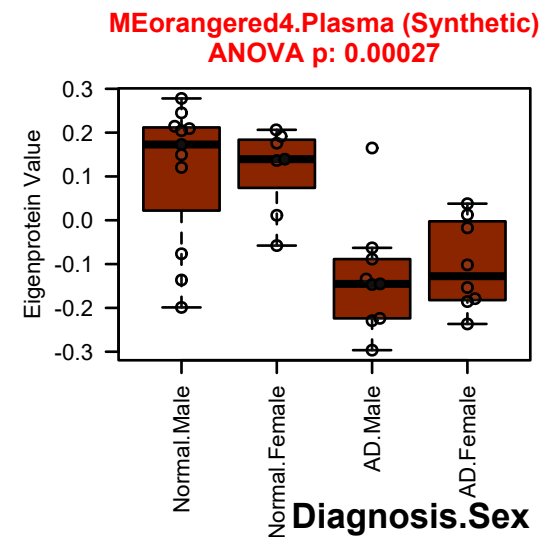
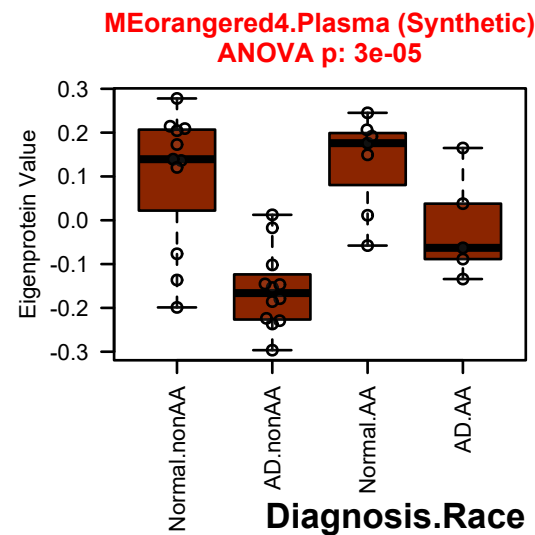
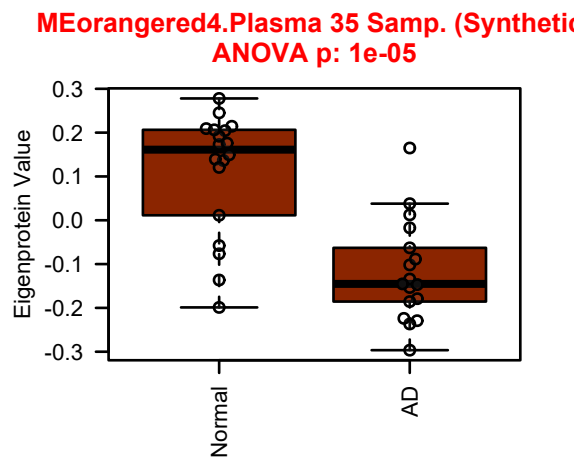
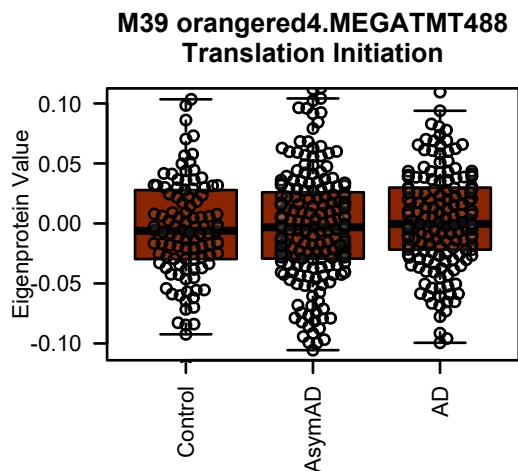
bicor=-0.17, p=0.52
cor=-0.2, p=0.44



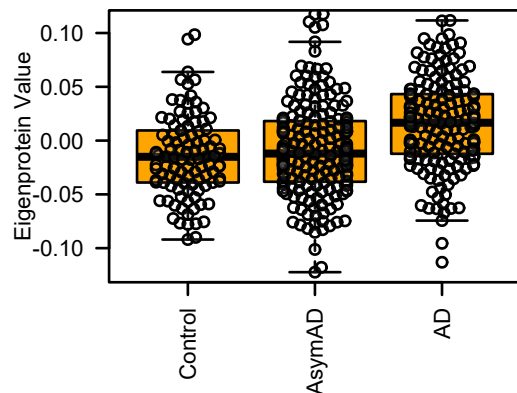




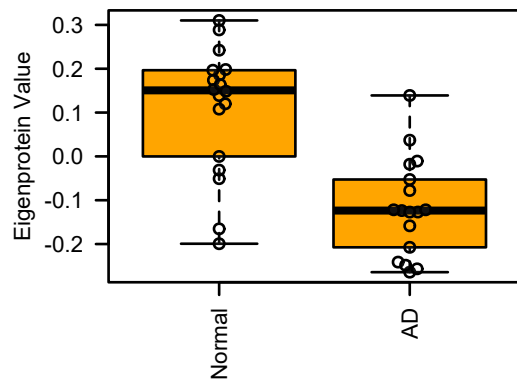




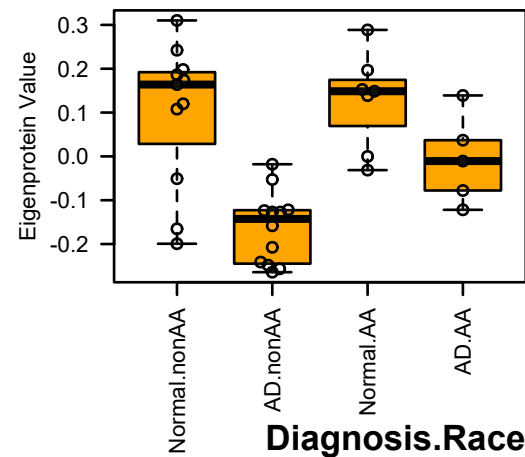
M25 orange.MEGATMT488
Sugar Metabolism



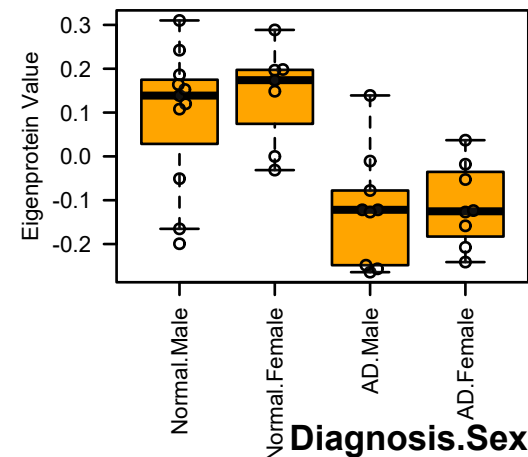
MEorange.Plasma 35 Samp. (Synthetic)
ANOVA p: 1.1e-05



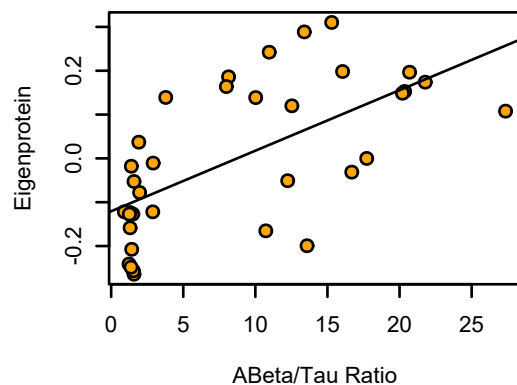
MEorange.Plasma (Synthetic)
ANOVA p: 2.2e-05



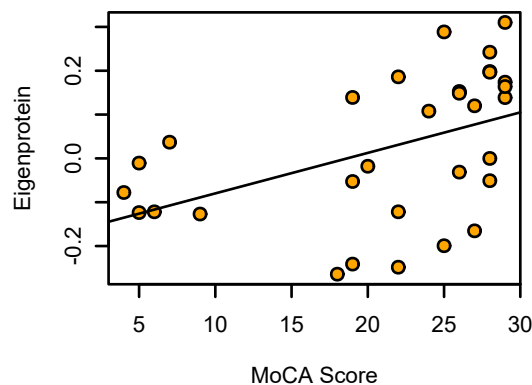
MEorange.Plasma (Synthetic)
ANOVA p: 0.00023



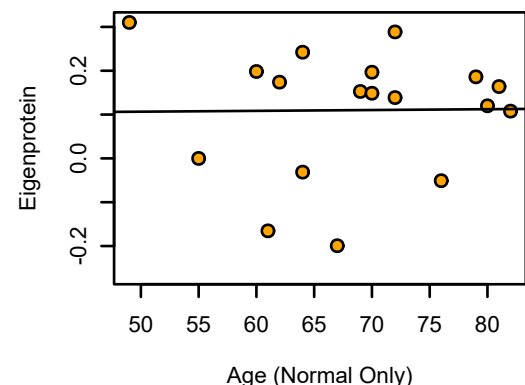
bicor=0.65, p=2.5e-05
cor=0.63, p=5e-05



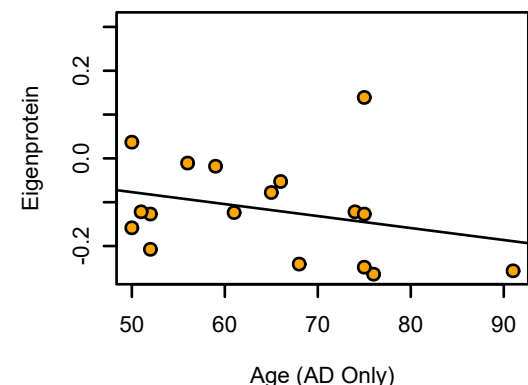
bicor=0.52, p=0.0028
cor=0.46, p=0.0092



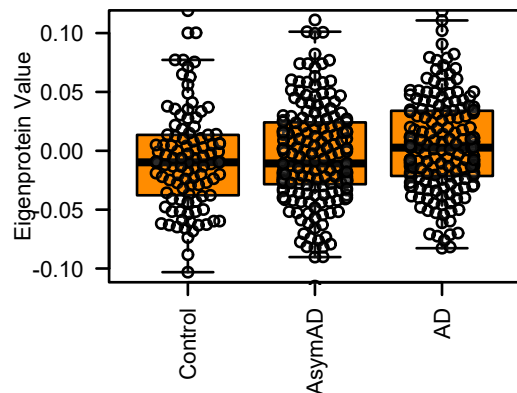
bicor=-0.1, p=0.68
cor=0.012, p=0.96



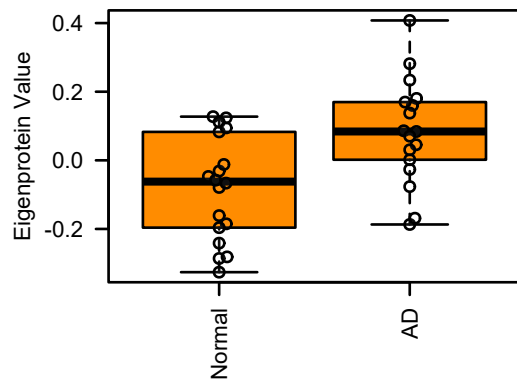
bicor=-0.32, p=0.21
cor=-0.29, p=0.26



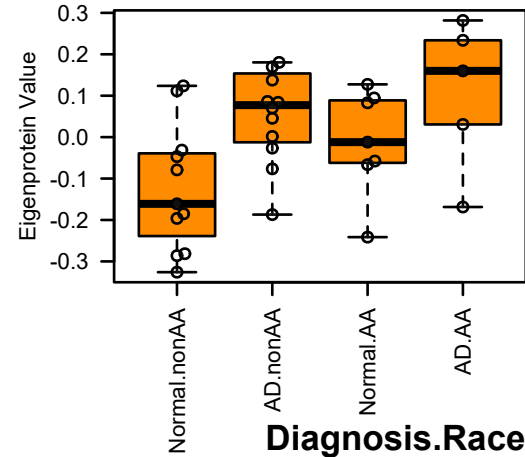
M26 darkorange.MEGATMT488
Complement/Acute Phase



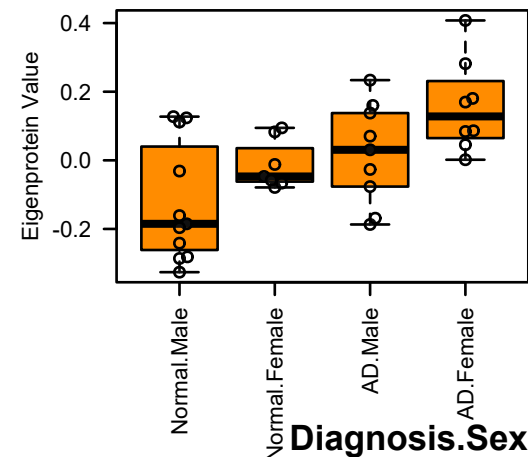
MEdarkorange.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0032



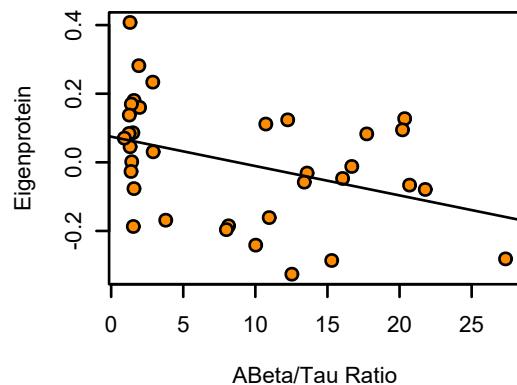
MEdarkorange.Plasma (Synthetic)
ANOVA p: 0.012



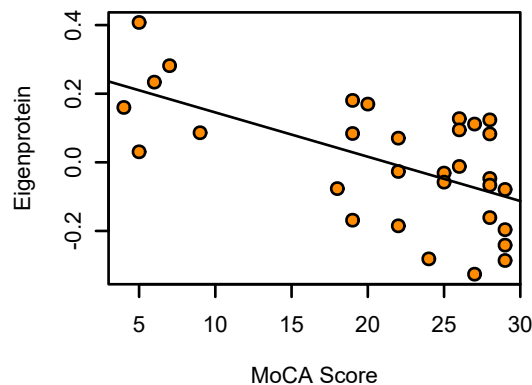
MEdarkorange.Plasma (Synthetic)
ANOVA p: 0.0024



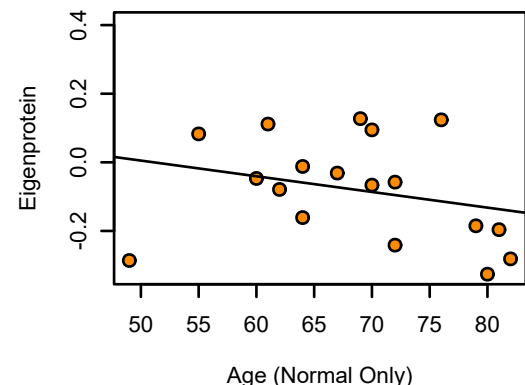
bicor=-0.38, p=0.023
cor=-0.39, p=0.021



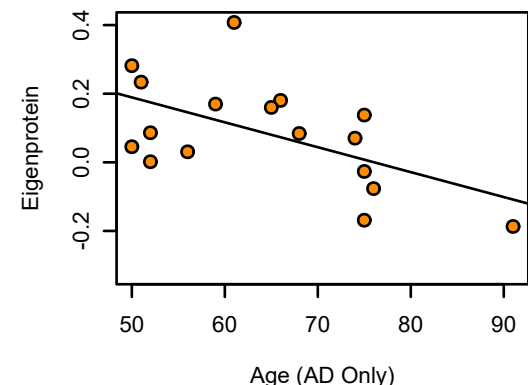
bicor=-0.47, p=0.0074
cor=-0.61, p=0.00027



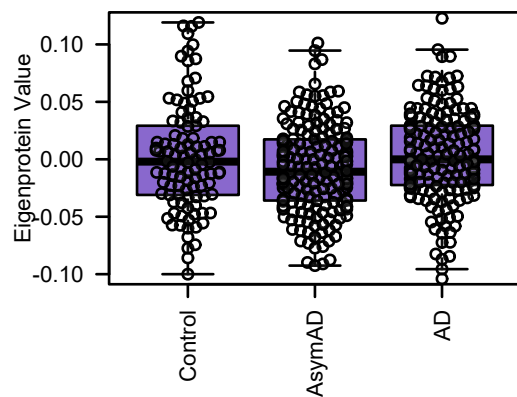
bicor=-0.3, p=0.23
cor=-0.28, p=0.26



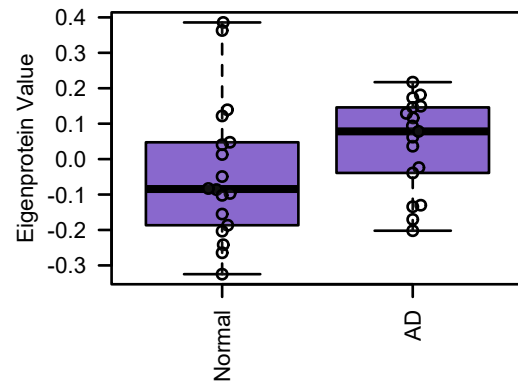
bicor=-0.55, p=0.021
cor=-0.57, p=0.017



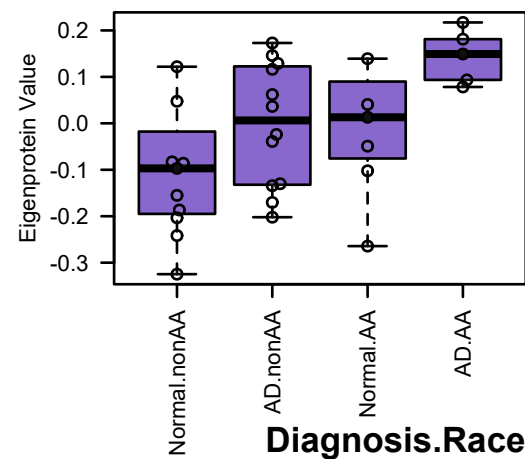
M40 mediumpurple3.MEGATMT488
Ambiguous



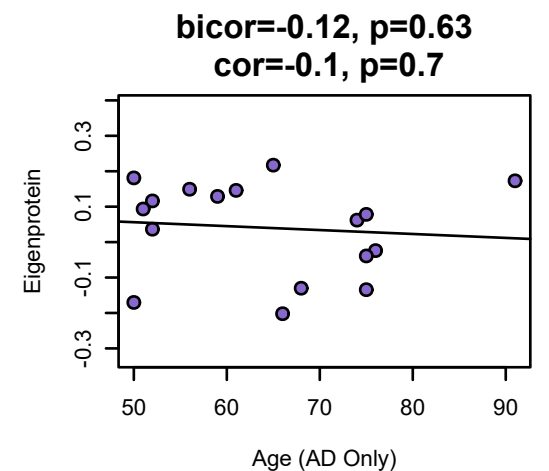
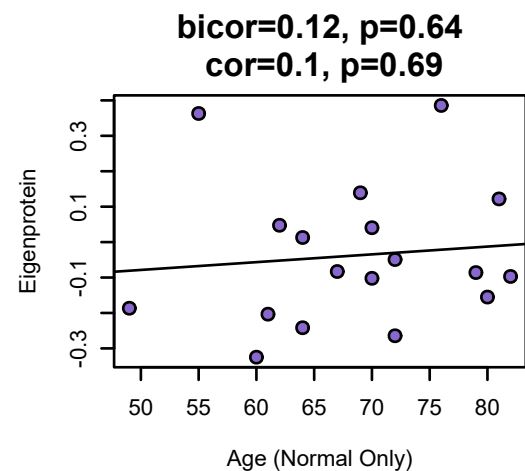
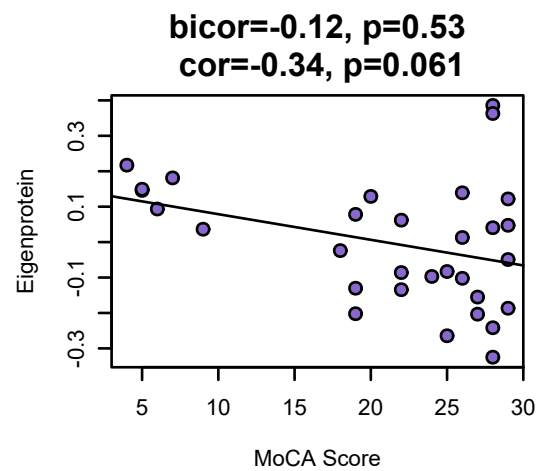
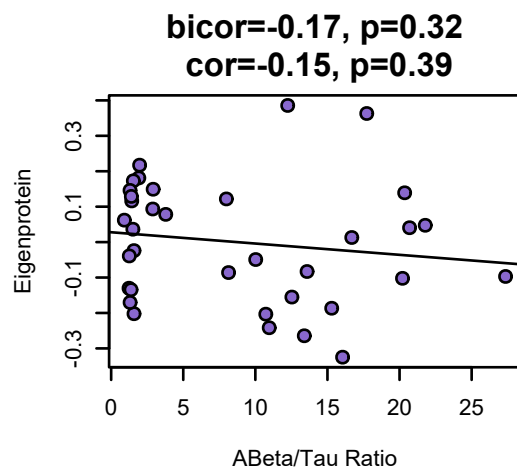
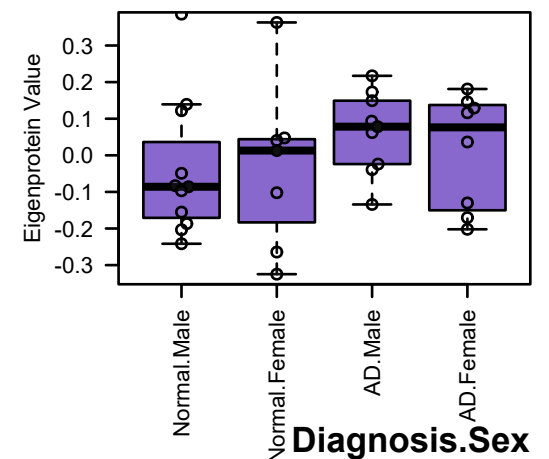
MEmediumpurple3.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.18



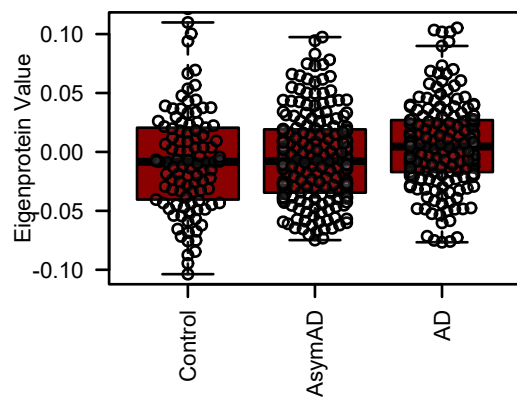
MEmediumpurple3.Plasma (Synthetic)
ANOVA p: 0.12



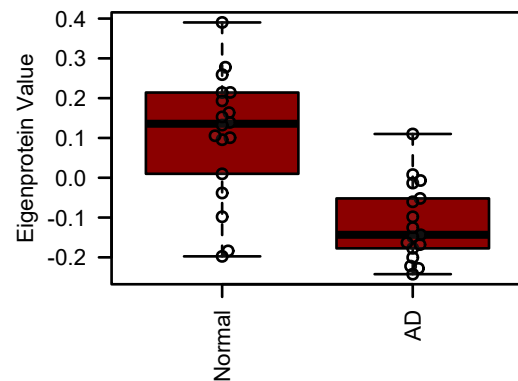
MEmediumpurple3.Plasma (Synthetic)
ANOVA p: 0.55



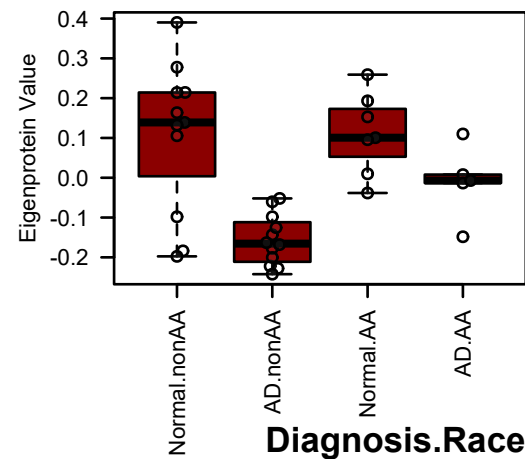
M21 darkred.MEGATMT488
MHC Complex/Immune



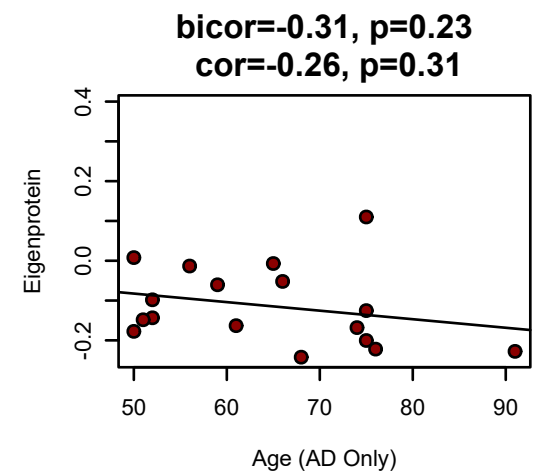
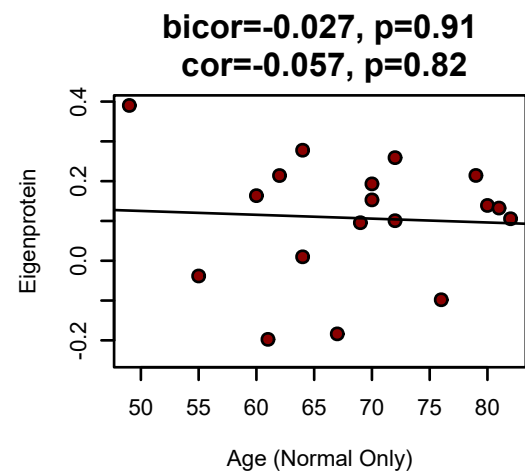
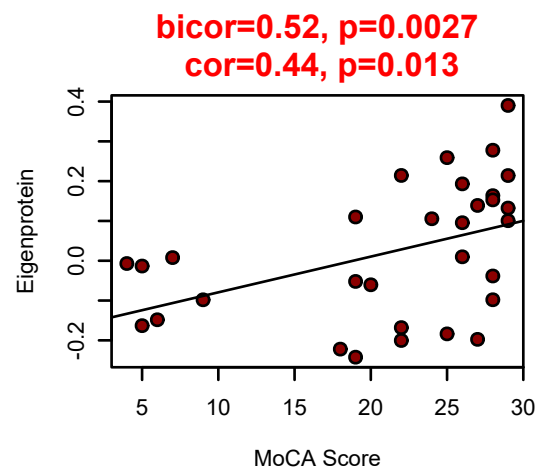
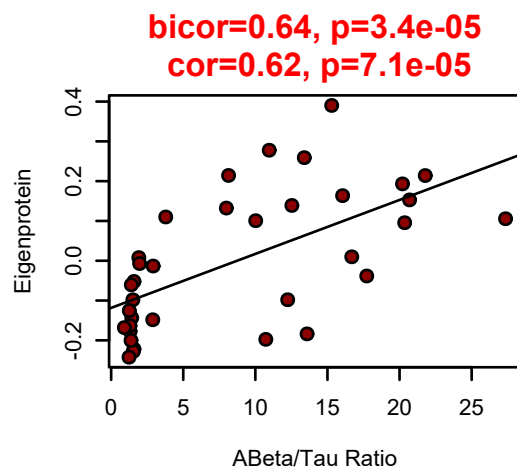
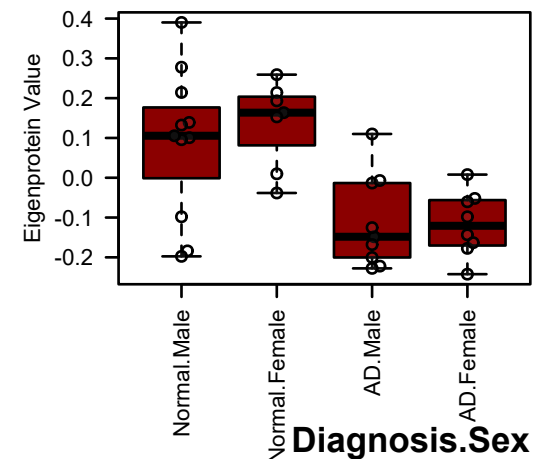
MEdarkred.Plasma 35 Samp. (Synthetic)
ANOVA p: 2.1e-05

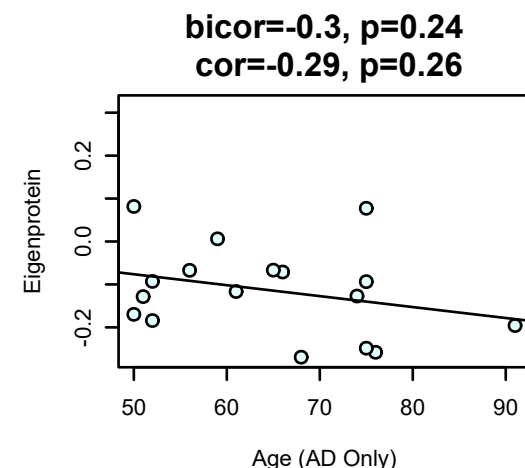
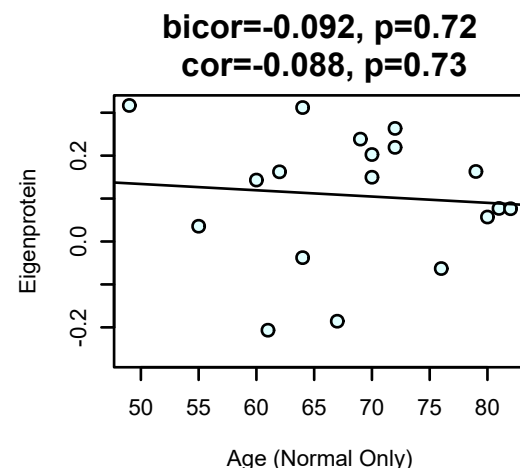
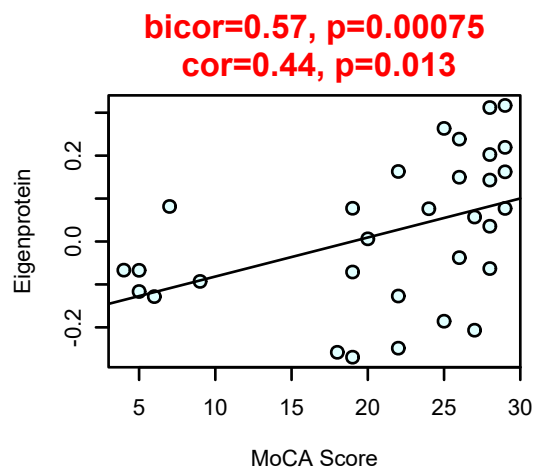
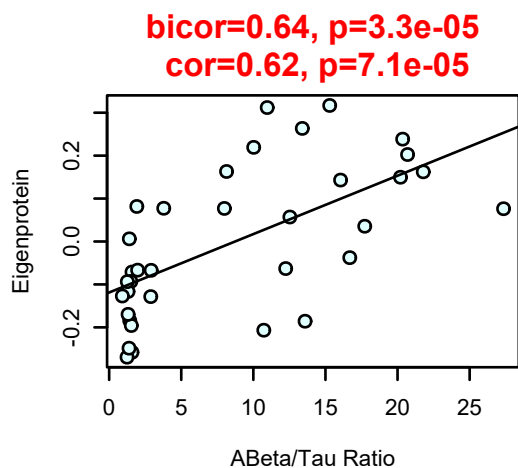
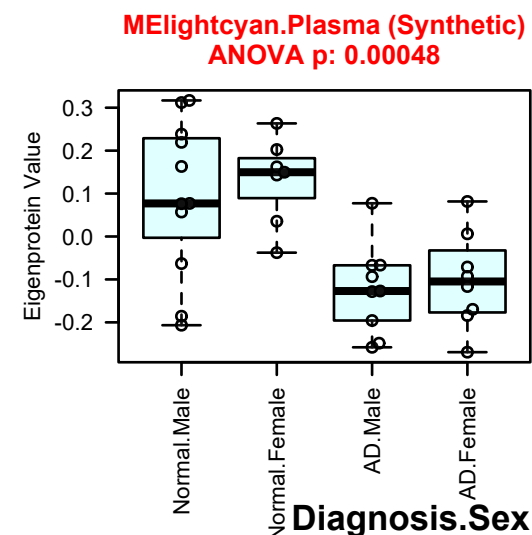
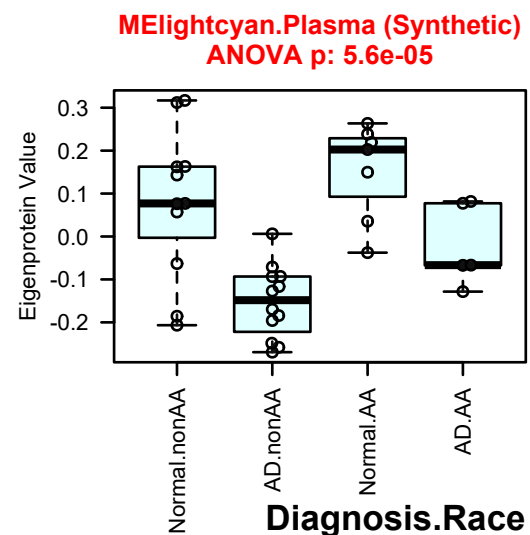
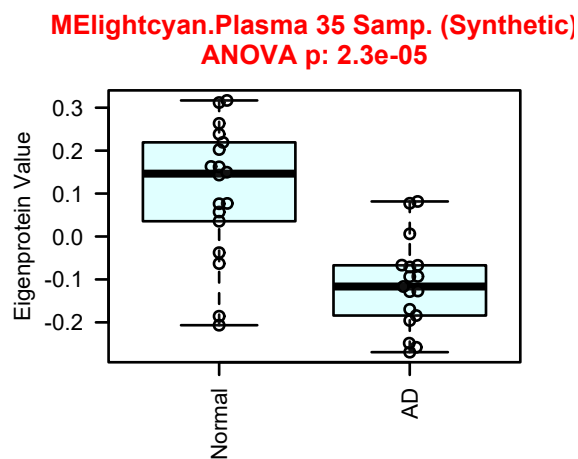
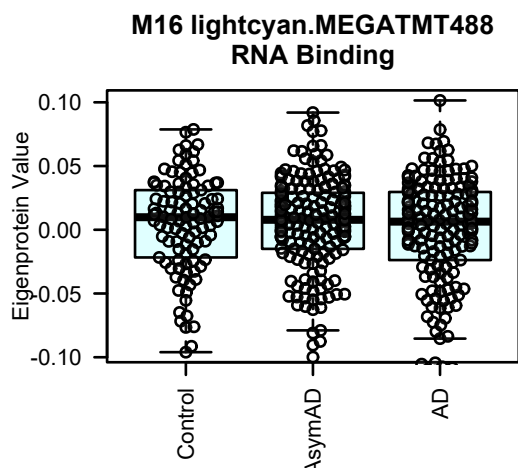
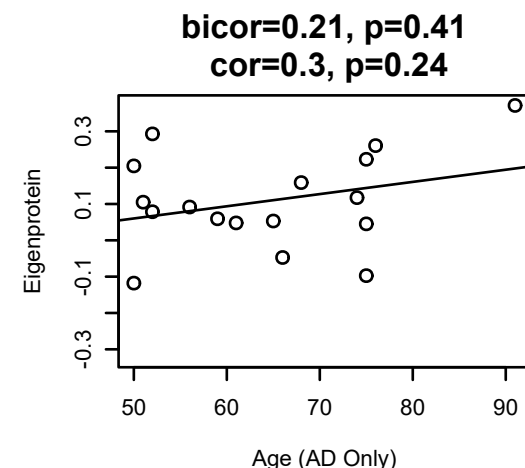
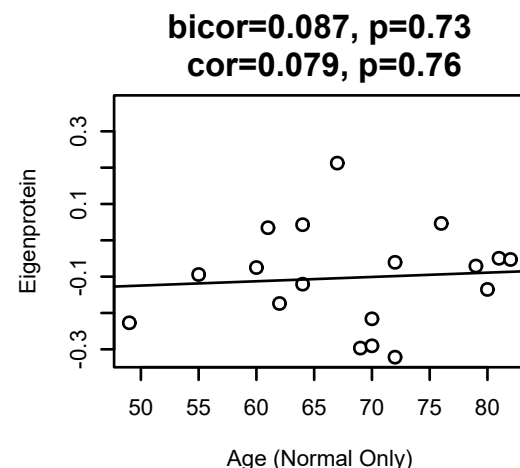
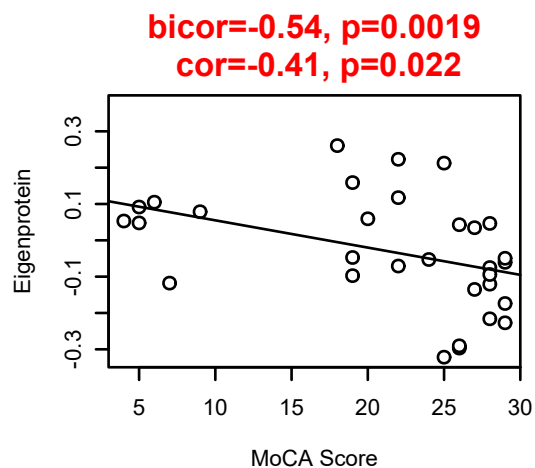
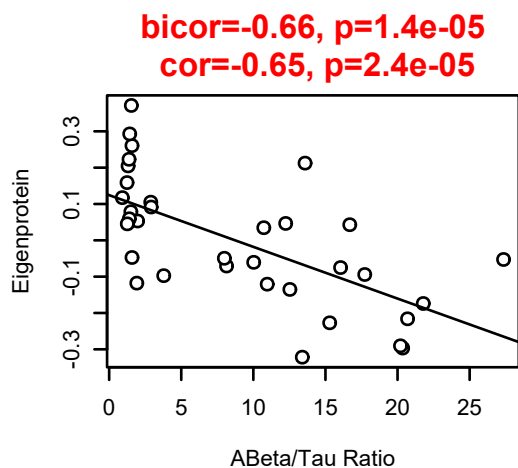
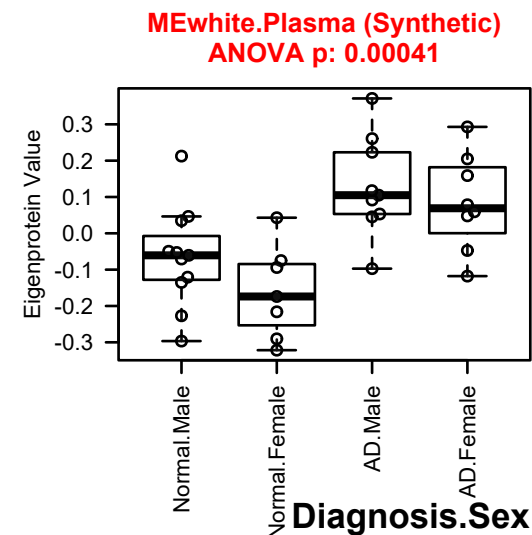
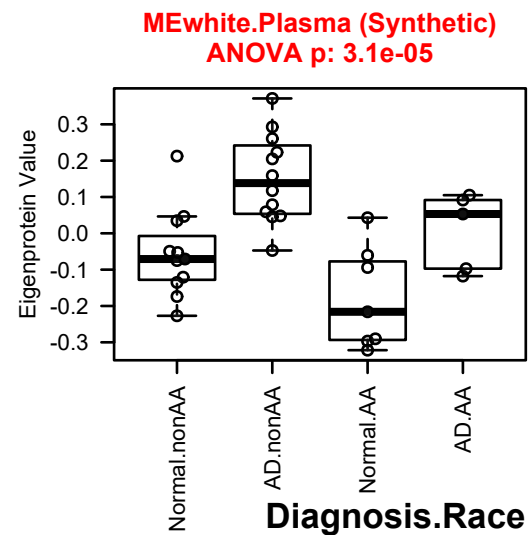
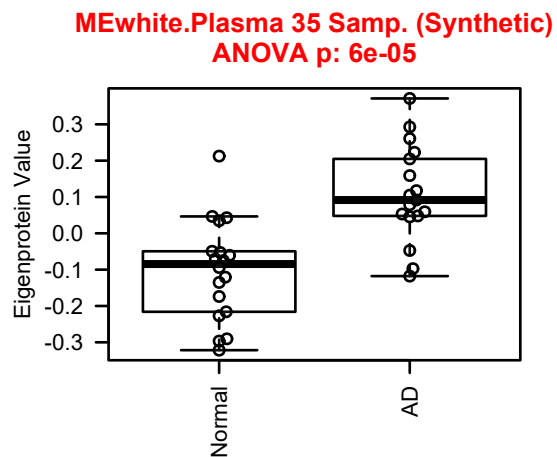
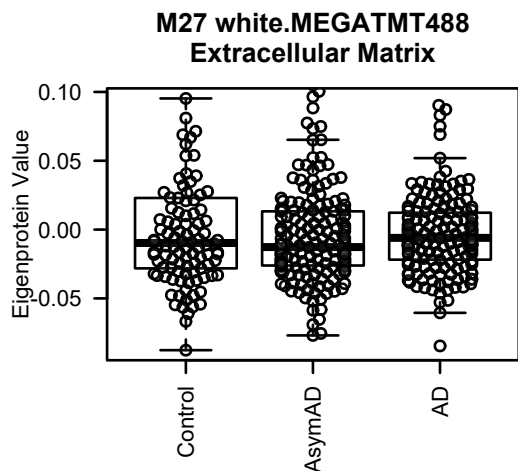


MEdarkred.Plasma (Synthetic)
ANOVA p: 6.7e-05

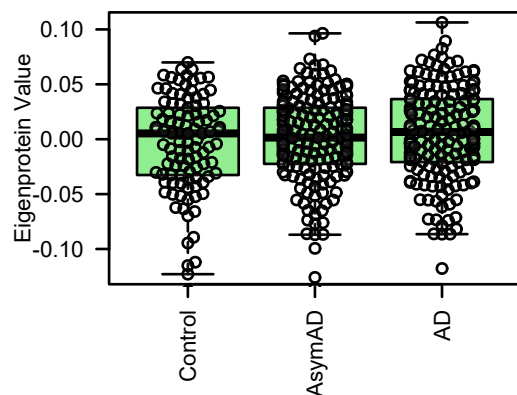


MEdarkred.Plasma (Synthetic)
ANOVA p: 0.00043

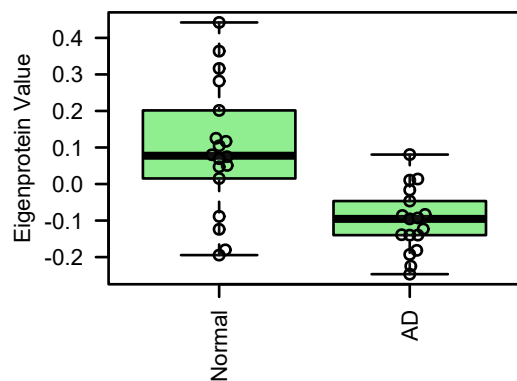




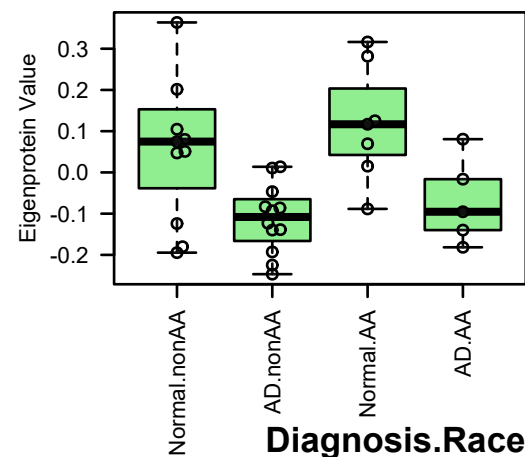
M18 lightgreen.MEGATMT488
RNA Splicing



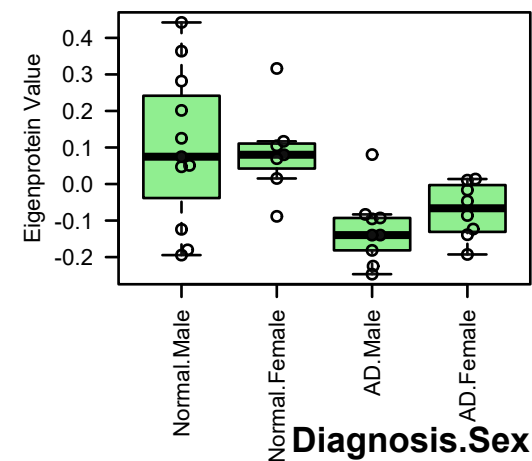
MElightgreen.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00029



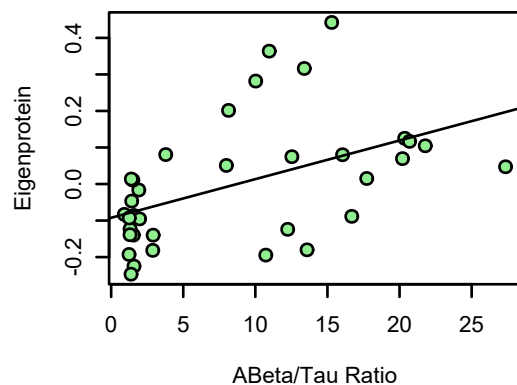
MElightgreen.Plasma (Synthetic)
ANOVA p: 0.004



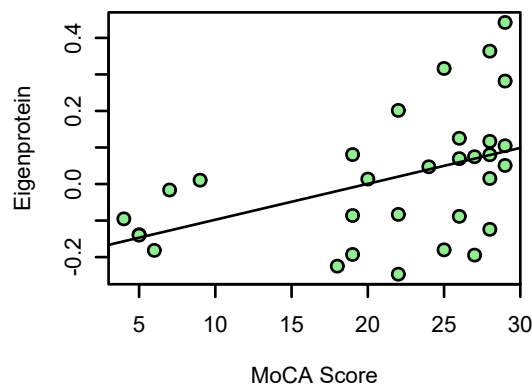
MElightgreen.Plasma (Synthetic)
ANOVA p: 0.0041



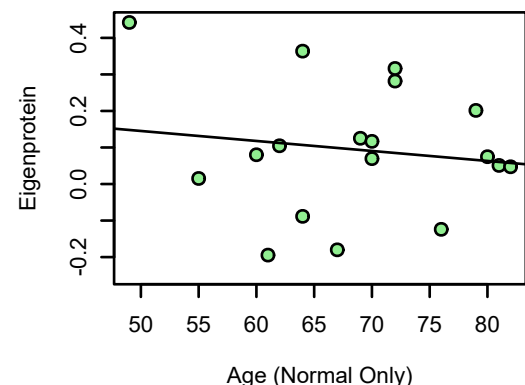
bicor=0.53, p=0.001
cor=0.48, p=0.0035



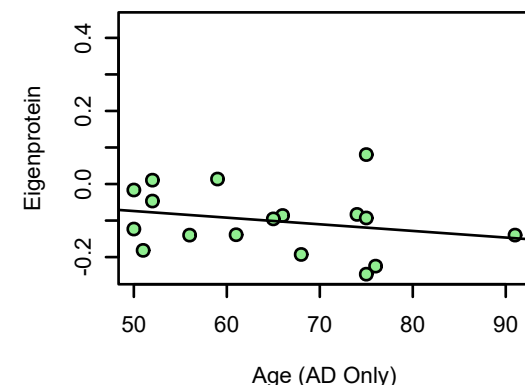
bicor=0.51, p=0.0038
cor=0.46, p=0.0092



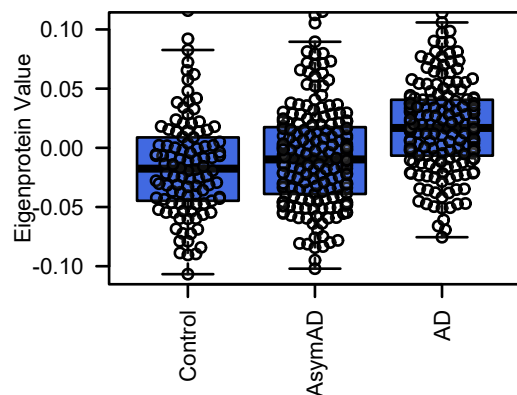
bicor=-0.058, p=0.82
cor=-0.14, p=0.58



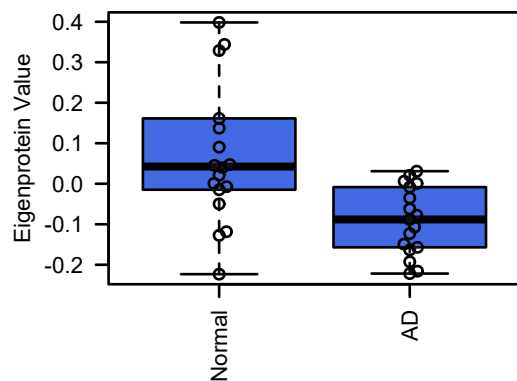
bicor=-0.27, p=0.3
cor=-0.25, p=0.33



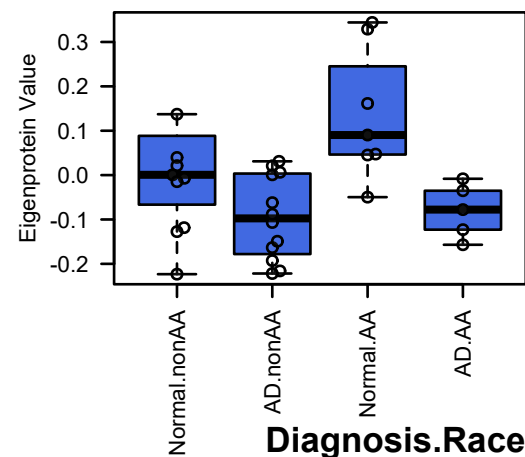
M20 royalblue.MEGATMT488
RNA Splicing



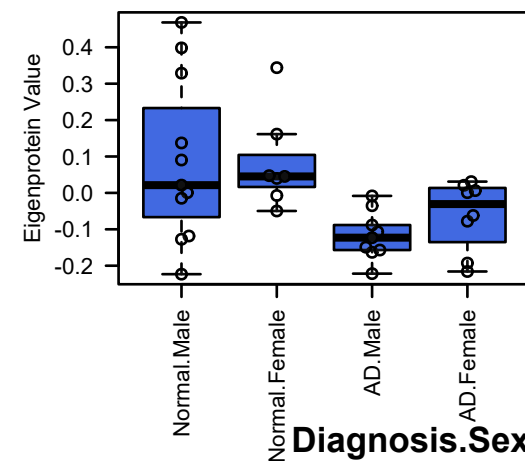
MEroyalblue.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0013



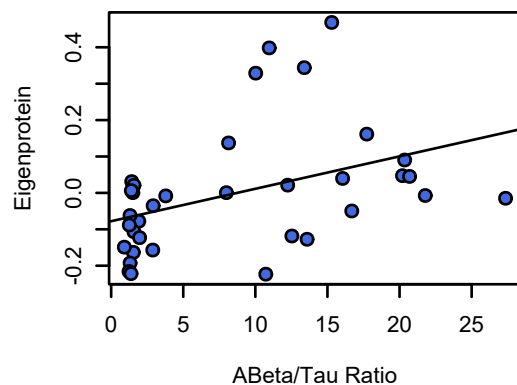
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.0096



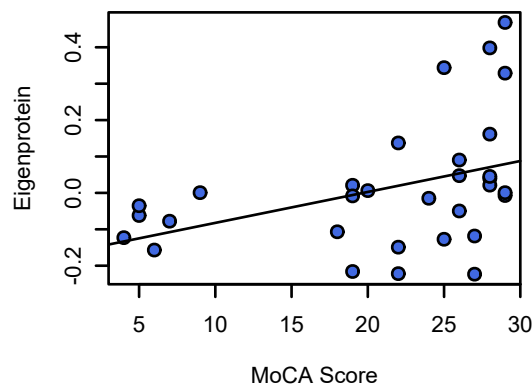
MEroyalblue.Plasma (Synthetic)
ANOVA p: 0.014



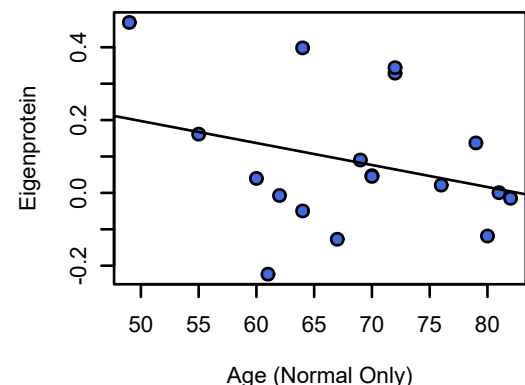
bicor=0.46, p=0.0054
cor=0.41, p=0.014



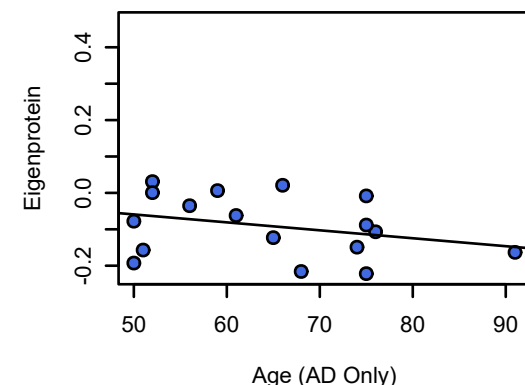
bicor=0.45, p=0.011
cor=0.4, p=0.026



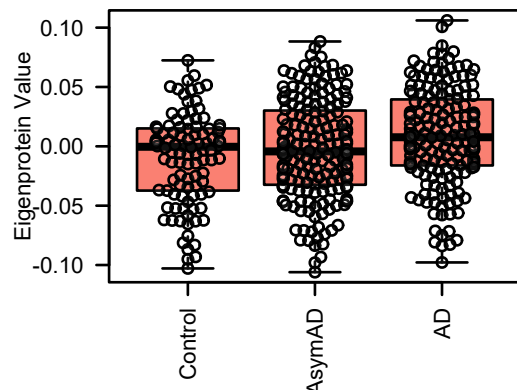
bicor=-0.22, p=0.39
cor=-0.29, p=0.24



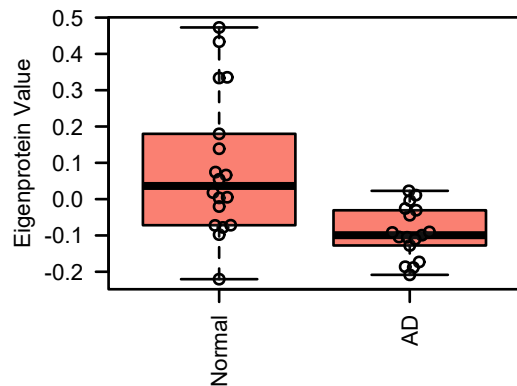
bicor=-0.31, p=0.22
cor=-0.31, p=0.23



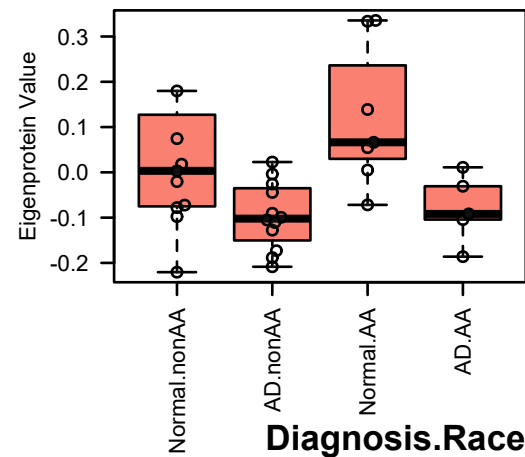
M13 salmon.MEGATMT488
RNA Splicing



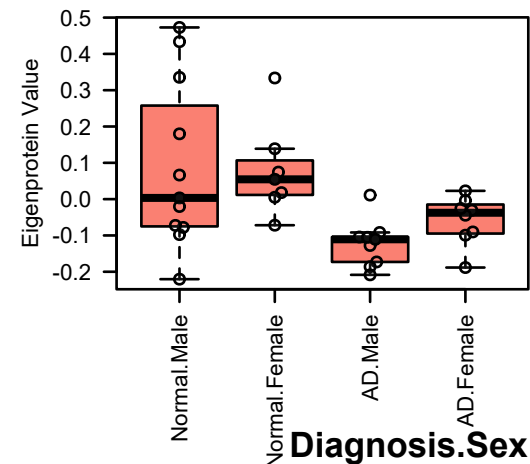
MEsalmon.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.0012



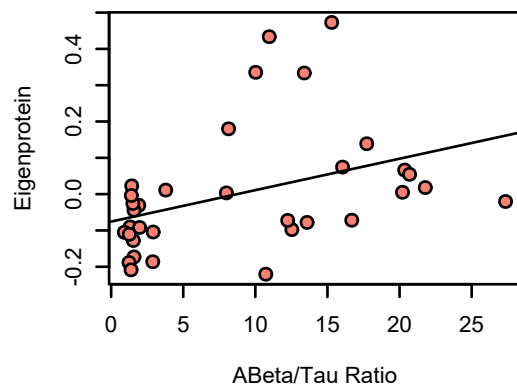
MEsalmon.Plasma (Synthetic)
ANOVA p: 0.012



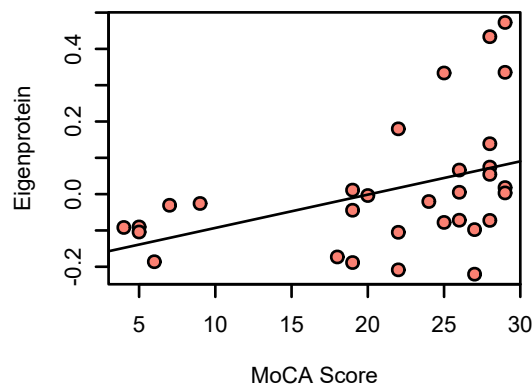
MEsalmon.Plasma (Synthetic)
ANOVA p: 0.012



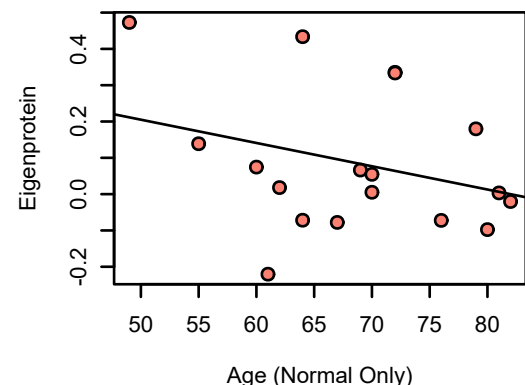
bicor=0.5, p=0.0022
cor=0.4, p=0.017



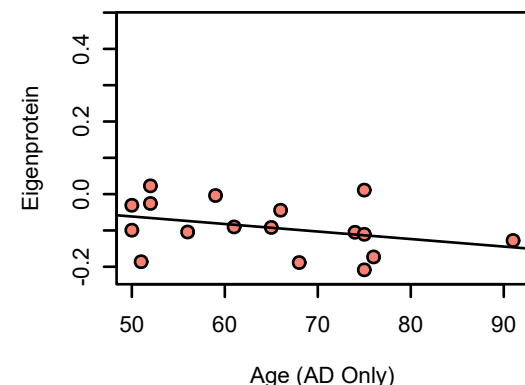
bicor=0.45, p=0.011
cor=0.43, p=0.016



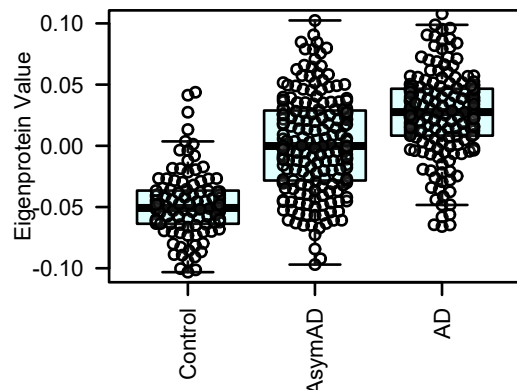
bicor=-0.25, p=0.33
cor=-0.3, p=0.23



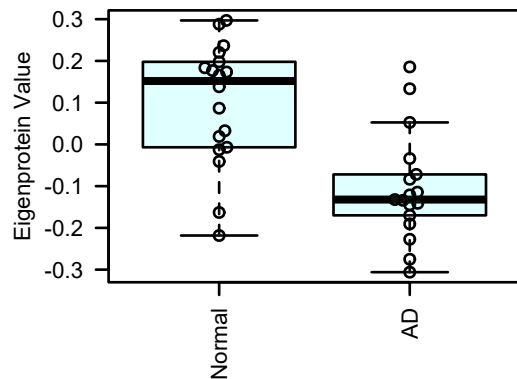
bicor=-0.36, p=0.16
cor=-0.35, p=0.17



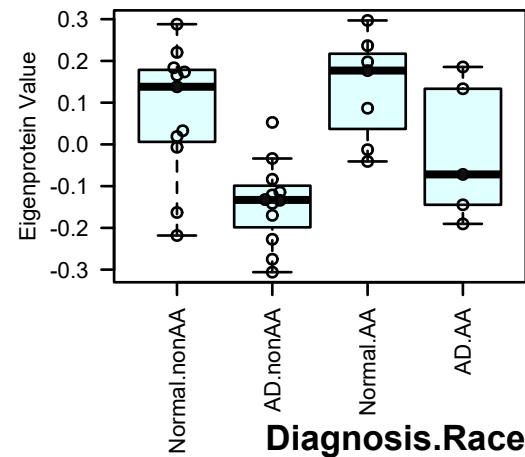
M42 lightcyan1.MEGATMT488
Matrisome



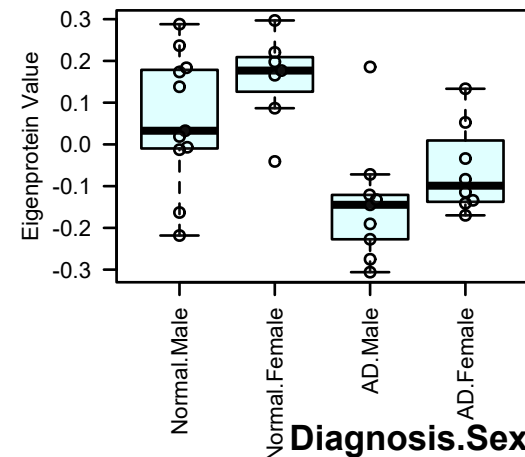
MElightcyan1.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00014



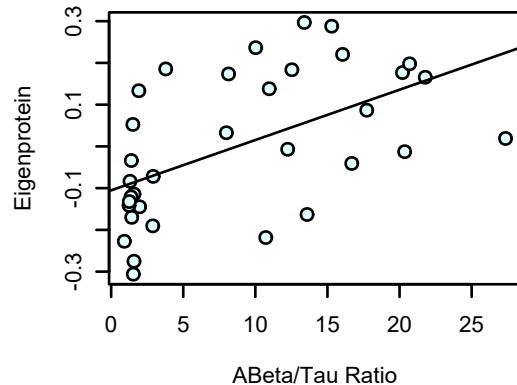
MElightcyan1.Plasma (Synthetic)
ANOVA p: 0.00054



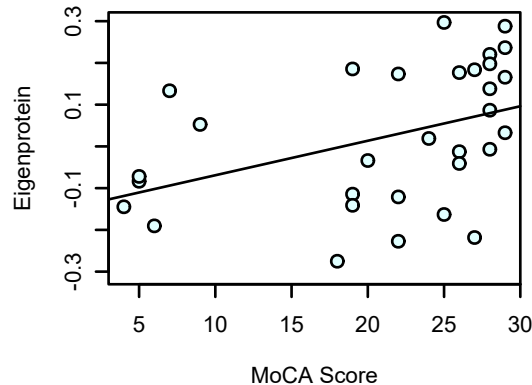
MElightcyan1.Plasma (Synthetic)
ANOVA p: 0.00054



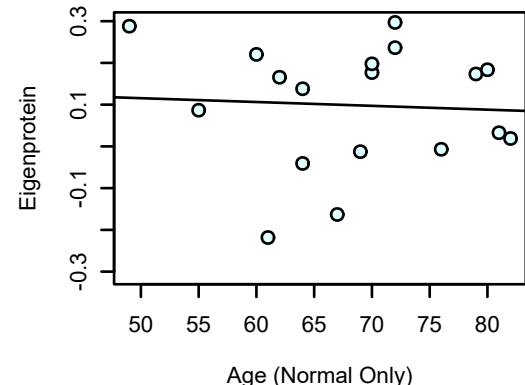
bicor=0.57, p=0.00032
cor=0.55, p=0.00062



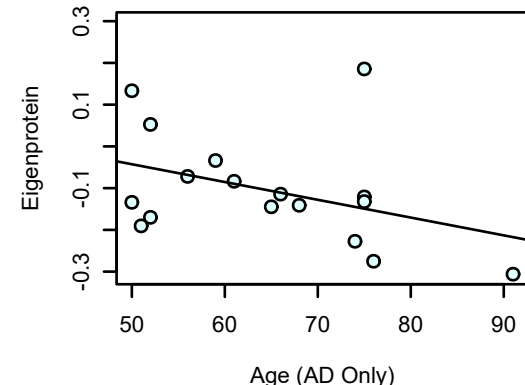
bicor=0.47, p=0.0075
cor=0.42, p=0.019



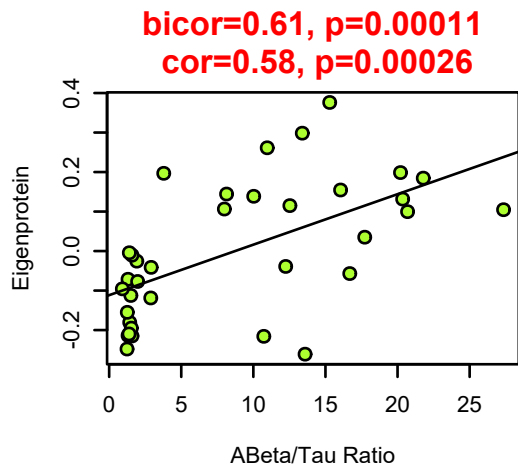
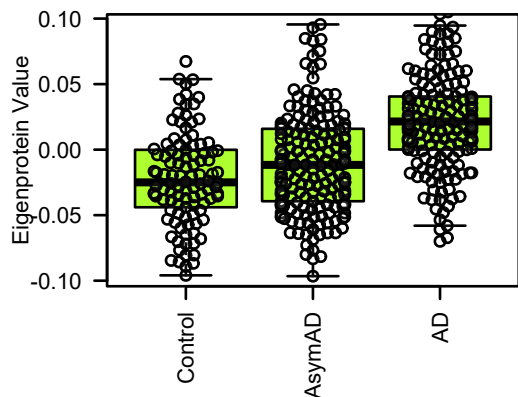
bicor=-0.039, p=0.88
cor=-0.057, p=0.82



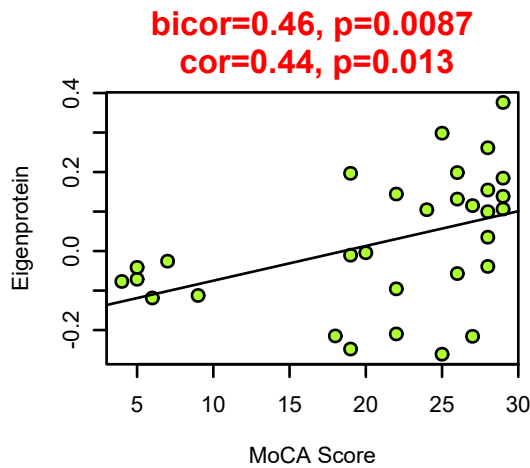
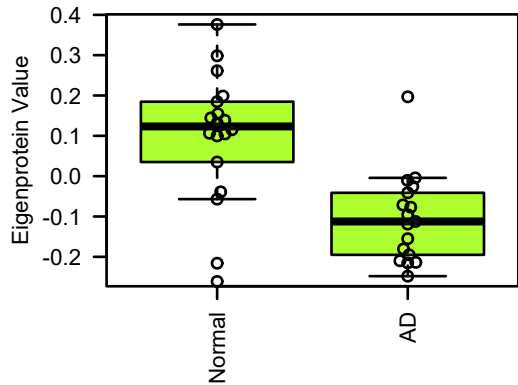
bicor=-0.5, p=0.043
cor=-0.39, p=0.12



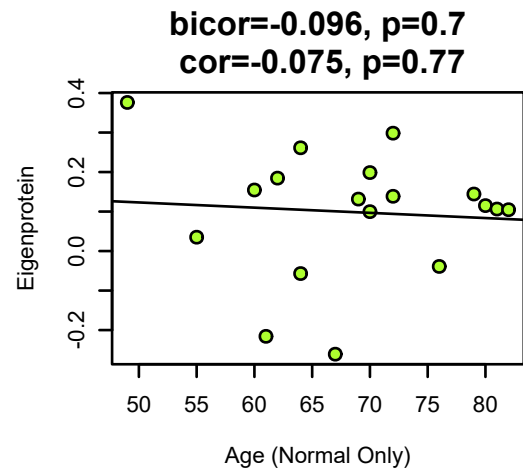
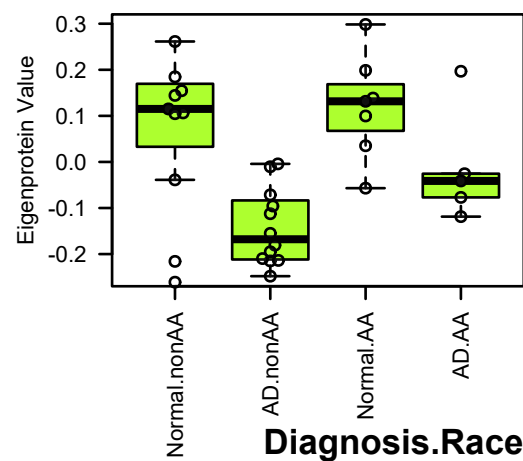
M11 greenyellow.MEGATMT488
Cell-ECM Interaction



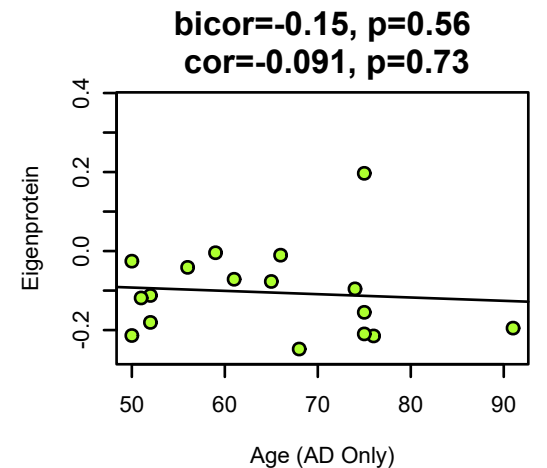
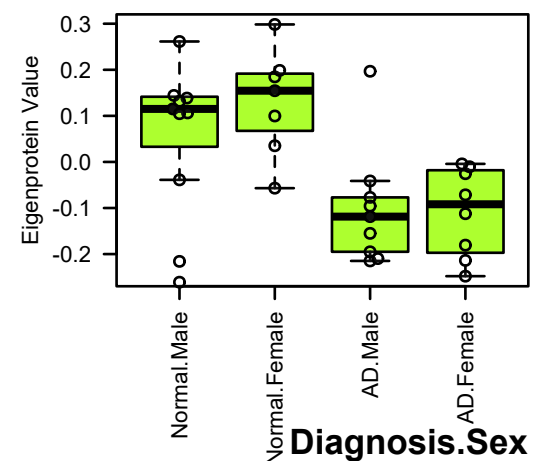
MEgreenyellow.Plasma 35 Samp. (Synthetic)
ANOVA p: 0.00014



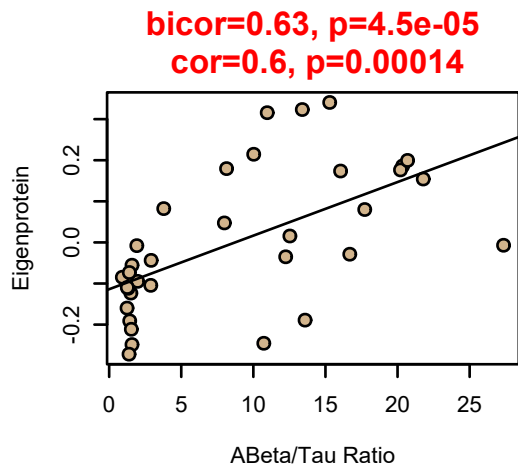
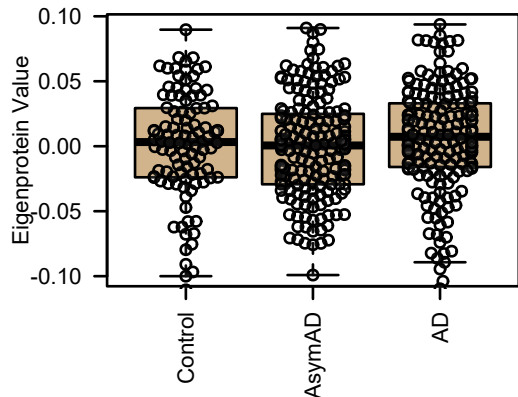
MEgreenyellow.Plasma (Synthetic)
ANOVA p: 0.00057



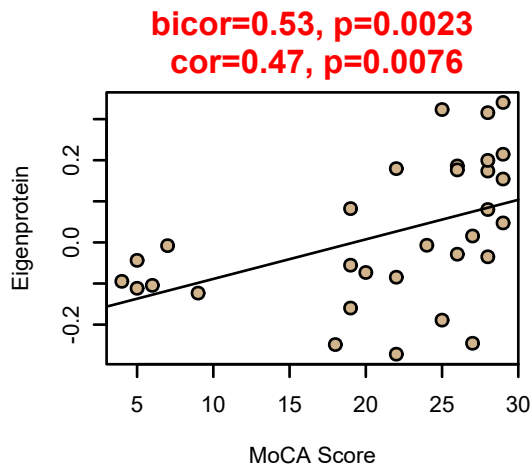
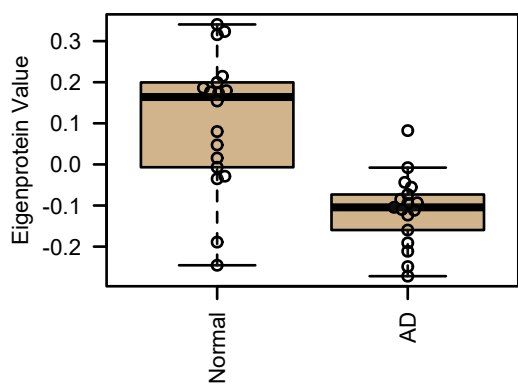
MEgreenyellow.Plasma (Synthetic)
ANOVA p: 0.0021



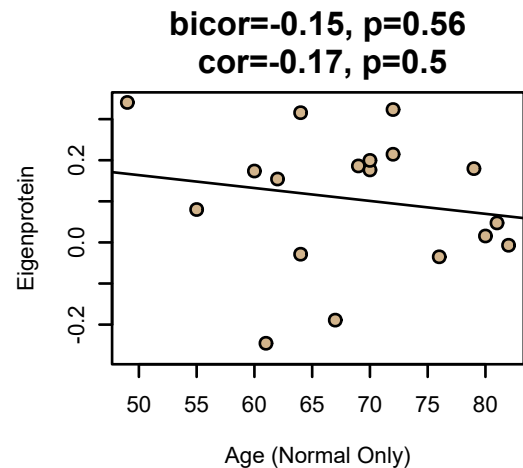
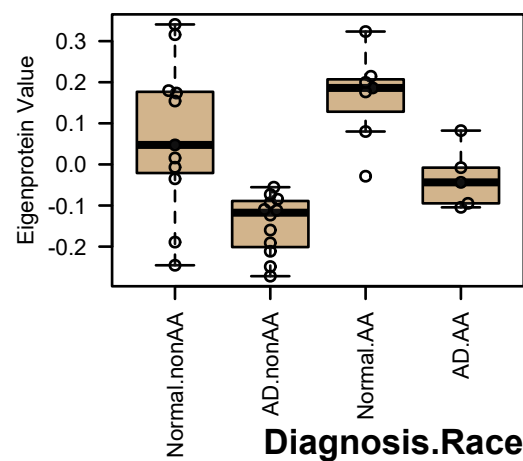
M12 tan.MEGATMT488
Cytoskeleton



MEtan.Plasma 35 Samp. (Synthetic)
ANOVA p: 3.1e-05



MEtan.Plasma (Synthetic)
ANOVA p: 7.9e-05



MEtan.Plasma (Synthetic)
ANOVA p: 0.00037

