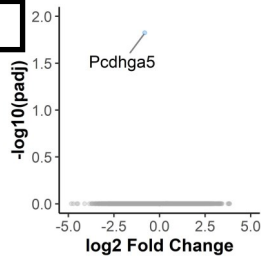
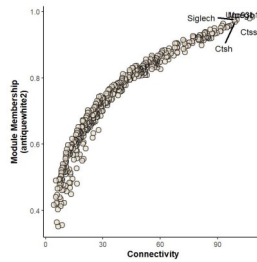


a. DEG



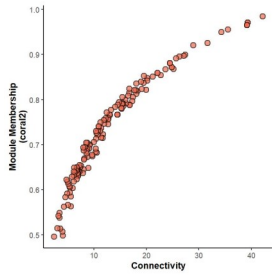
gene	log2FC	padj
Pcdhga5	-0.81	1.50E-02

b. antiquewhite2



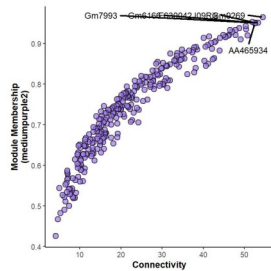
gene	kWithin	MM	GS_Genotype	GS.GFAP
Unc93b1	108.33	0.9845	0.6324	0.6213
Ctss	106.80	0.9799	0.7585	0.7107
Mpeg1	100.11	0.9754	0.7831	0.6399
Ctsh	99.06	0.9692	0.7264	0.6251
Siglech	98.85	0.9756	0.6847	0.6973
Pld4	97.35	0.9588	0.7091	0.5881
Csf3r	96.12	0.9566	0.7397	0.6688
Ly86	95.37	0.9549	0.7559	0.7143
Itgb2	94.87	0.9521	0.6790	0.7252
C1qc	93.12	0.9509	0.7203	0.7145

c. coral2



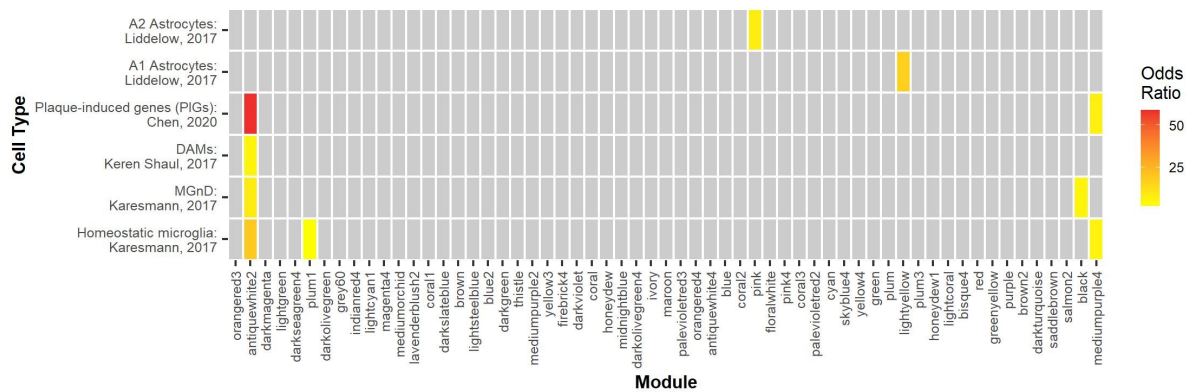
gene	kWithin	MM	GS_Genotype	GS.GFAP
Igkv10-96	42.20	0.9842	-0.5495	-0.6146
Hspd1-ps5	39.33	0.9703	-0.5356	-0.5972
Wfdc21	39.33	0.9703	-0.5356	-0.5972
Gm14240	39.33	0.9703	-0.5356	-0.5972
Gm19967	39.33	0.9703	-0.5356	-0.5972
Olfr1513	39.33	0.9703	-0.5356	-0.5972
Gm31447	39.33	0.9703	-0.5356	-0.5972
Tubal3	39.17	0.9651	-0.5452	-0.6117

d. mediumpurple2



gene	kWithin	MM	GS_Genotype	GS.Iba1
Gm9269	54.53	0.9645	-0.4170	-0.6351
Gm6166	53.31	0.9513	-0.6360	-0.5025
Gm7993	52.64	0.9512	-0.4128	-0.6585
AA465934	52.53	0.9493	-0.6034	-0.4778
F630042J09Rik	51.95	0.9535	-0.4760	-0.6219
Gm6304	50.77	0.9199	-0.6993	-0.4396
Gm15772	50.40	0.9356	-0.5744	-0.5062
Zfp729a	50.36	0.9436	-0.4126	-0.7113
Col6a6	49.10	0.9098	-0.6086	-0.5364
Gm5566	48.78	0.9383	-0.6122	-0.5222

e. WGCNA and glial profile



f. KEGG pathways

