



(a) clusters		Top 5 driving genes
1 : Purple		FAB4, APOD, PLIN1, MPZ, GPX3
2 : Light Purple		MYH11, ACTA2, ACTG2, TAGLN, MYL9
3 : Red		MBP, GFAP, MTURN, SNAP25, MT3
4 : Light Red		PRM2, PRM1, PHF7, TSACC, TEX40
5 : Blue		TG, LIPF, PGC, PGA3, CYP11B1
6 : Sky Blue		KRT10, KRT1, KRT2, LOR, KRT14
7 : Orange		FN1, COL1A1, COL1A2, COL3A1, COL6A3
8 : Light Orange		SFTPB, SFTPA2, SFTPA1, SFTPC, IGHG1
9 : Green		MYH1, NEB, NYH2, MYBPC1, ACTA1
10 : Light Green		HBB, HBA2, HBA1, CSF3R, IFITM2
11 : Mint		NPPA, MYH6, ACTC1, TNNT2, MYBPC3
12 : Light Yellow		KRT13, KRT4, SPRR3, CRNN, RHCG
13 : Light Violet		PRSS1, PNLIP, CPA1, CELA3A, GP2
14 : Coral		MUC7, ALB, HP, FGA, FGB
15 : Steel Blue		PRL, GH1, POMC, CGA, CHGB

(b) clusters		Top 5 driving genes
1 : Royal blue		ATP1A2, CLU, PPP1R1B, APOE, GLUL
2 : Yellow Orange		PKD1, CBLN3, COL27A1, CHGB, PPFIA4
3 : Turquoise		ENC1, CALM2, MAP1A, CALM3, YWHAH
4 : Red		MBP, GFAP, TF, MTURN, PAQR6