



(a) clusters		Top 5 driving genes
1 : Purple		<i>FAB4, APOD, PLIN1, MPZ, GPX3</i>
2 : Light Purple		<i>MYH11, ACTA2, ACTG2, TAGLN, MYL9</i>
3 : Red		<i>MBP, GFAP, MTURN, SNAP25, MT3</i>
4 : Light Red		<i>PRM2, PRM1, PHF7, TSACC, TEX40</i>
5 : Blue		<i>TG, LIPF, PGC, PGA3, CYP11B1</i>
6 : Sky Blue		<i>KRT10, KRT1, KRT2, LOR, KRT14</i>
7 : Orange		<i>FN1, COL1A1, COL1A2, COL3A1, COL6A3</i>
8 : Light Orange		<i>SFTPB, SFTPA2, SFTPA1, SFTPC, IGHG1</i>
9 : Green		<i>MYH1, NEB, NYH2, MYBPC1, ACTA1</i>
10 : Light Green		<i>HBB, HBA2, HBA1, CSF3R, IFITM2</i>
11 : Mint		<i>NPPA, MYH6, ACTC1, TNNT2, MYBPC3</i>
12 : Light Yellow		<i>KRT13, KRT4, SRR3, CRNN, RHCG</i>
13 : Light Violet		<i>PRSS1, PNLI, CPA1, CELA3A, GP2</i>
14 : Coral		<i>MUC7, ALB, HP, FGA, FGB</i>
15 : Steel Blue		<i>PRL, GH1, POMC, CGA, CHGB</i>

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