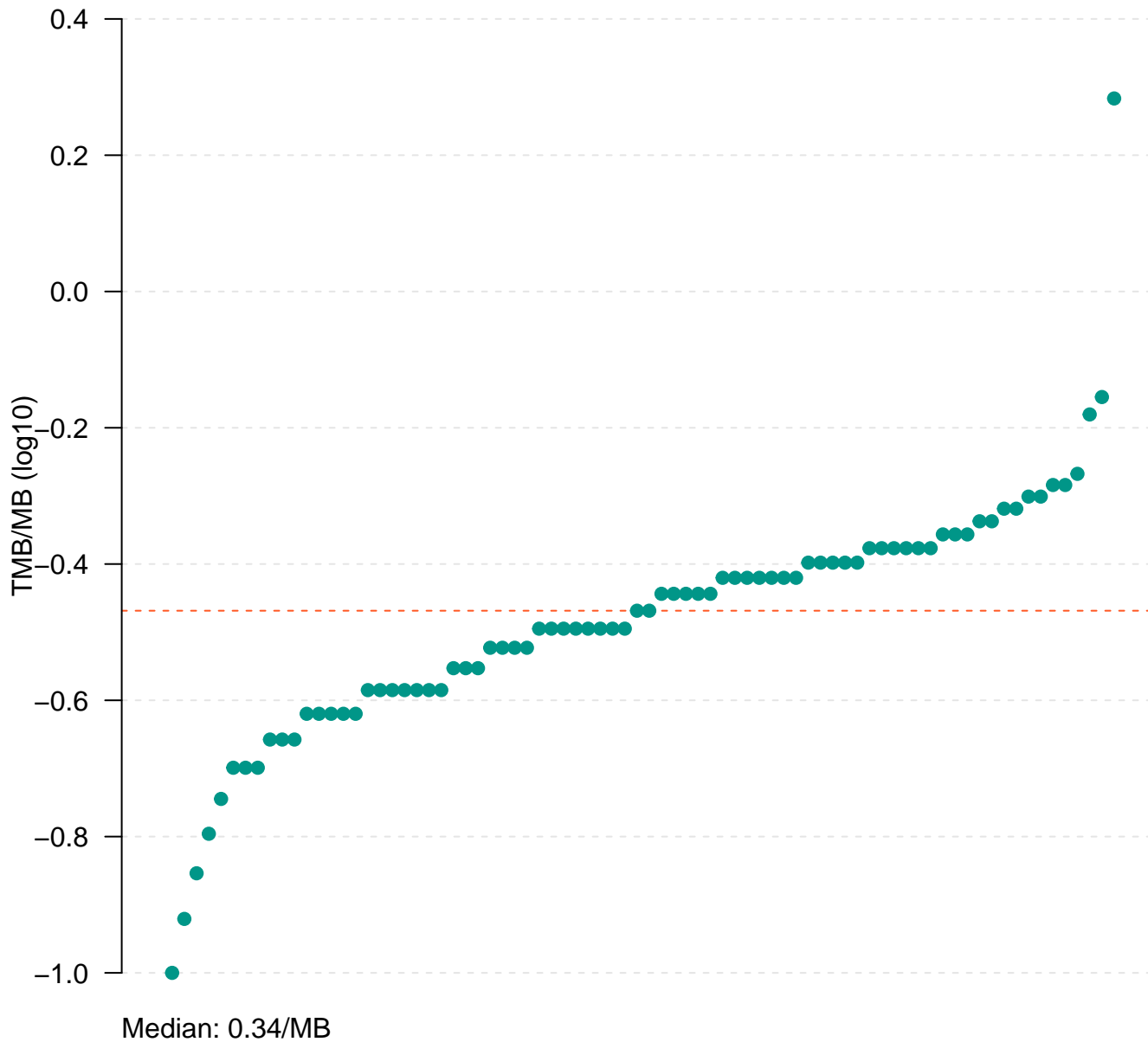
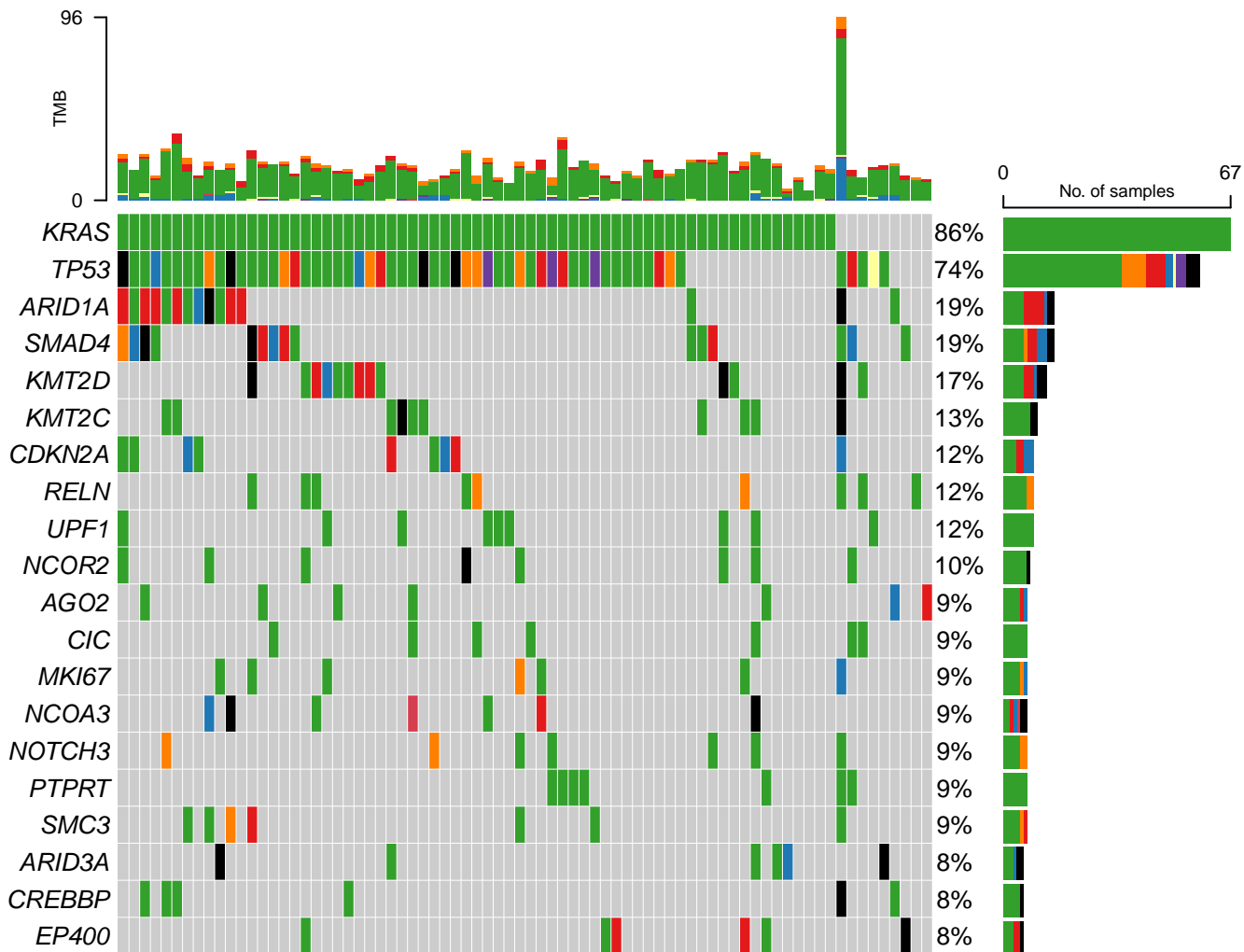
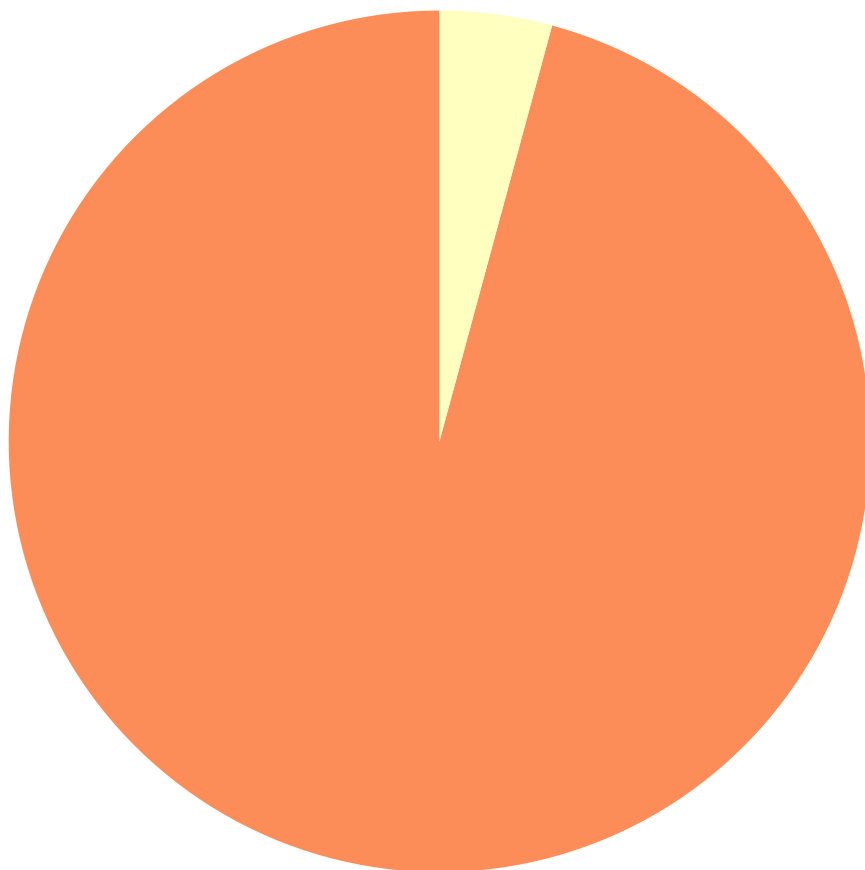


# Mutation Burden

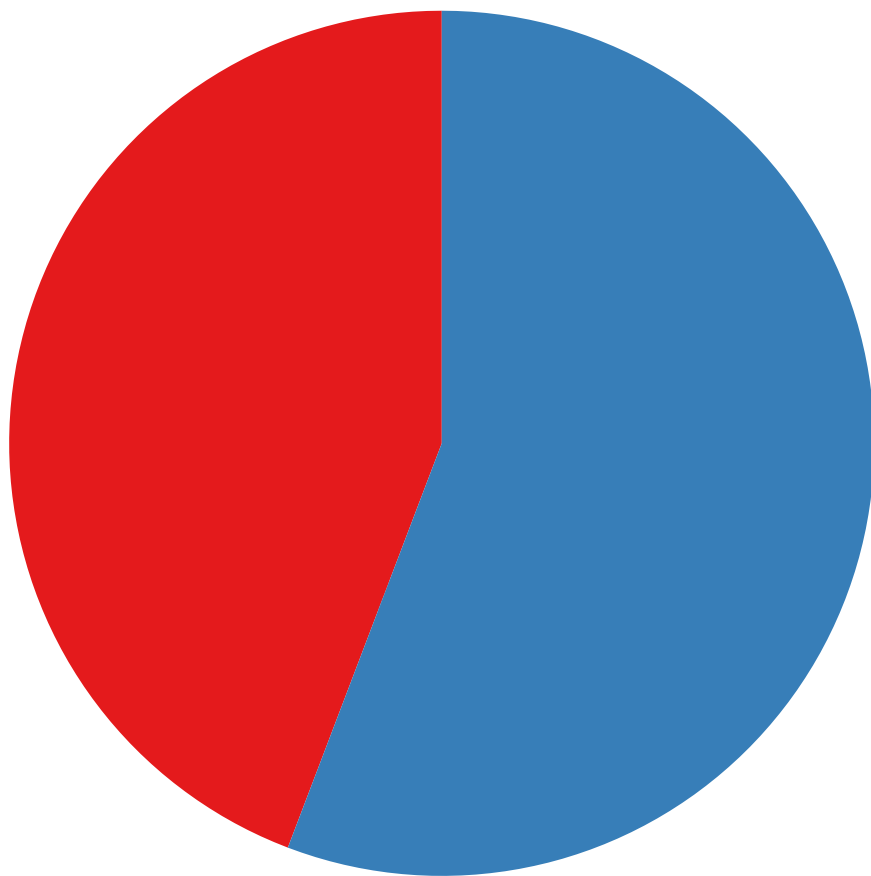


# Altered in 76 (97.44%) of 78 samples.

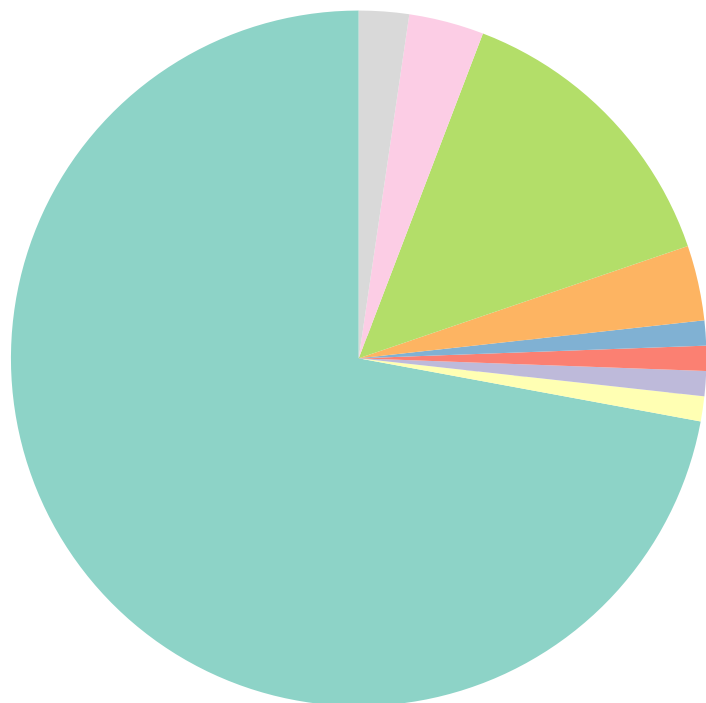




post-Tx  
pre-Tx



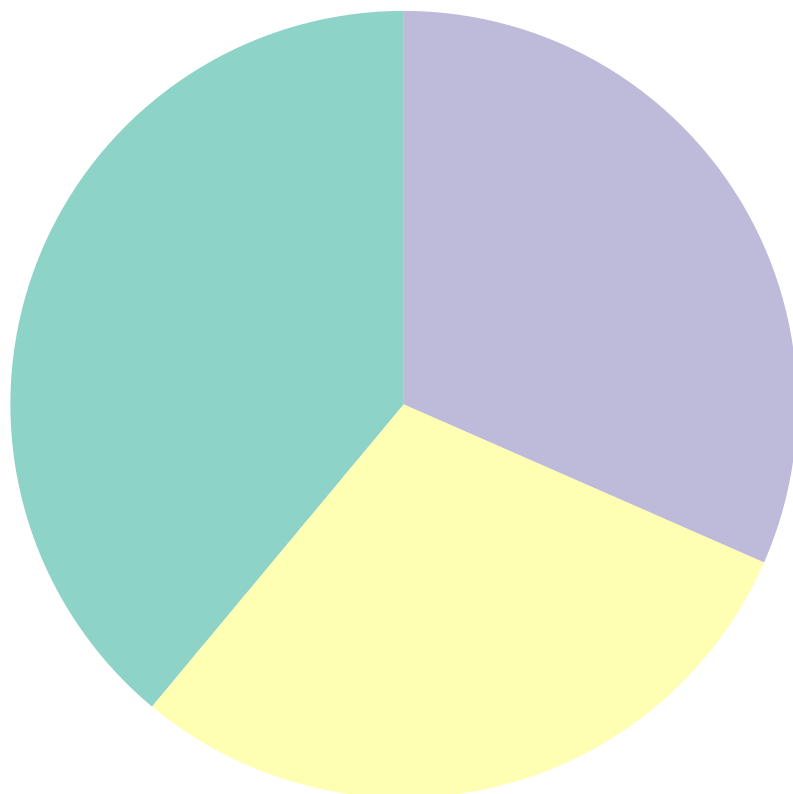
 Femme  
 Homme



- foie
- ganglion
- ganglion cervical
- ganglionnaire
- os
- péritoine
- poumon
- primitif
- sang



60-  
60+



non  
non spécifié  
oui

ent

ting.chemo

ting.chemo + Macrophages

ting.chemo + MAPK + PI3K.Akt

ting.chemo + Platinum.salts

ting.chemo + Platinum.salts + DDR

ting.chemo + Platinum.salts + ICI

ting.chemo + Platinum.salts + Macrophages

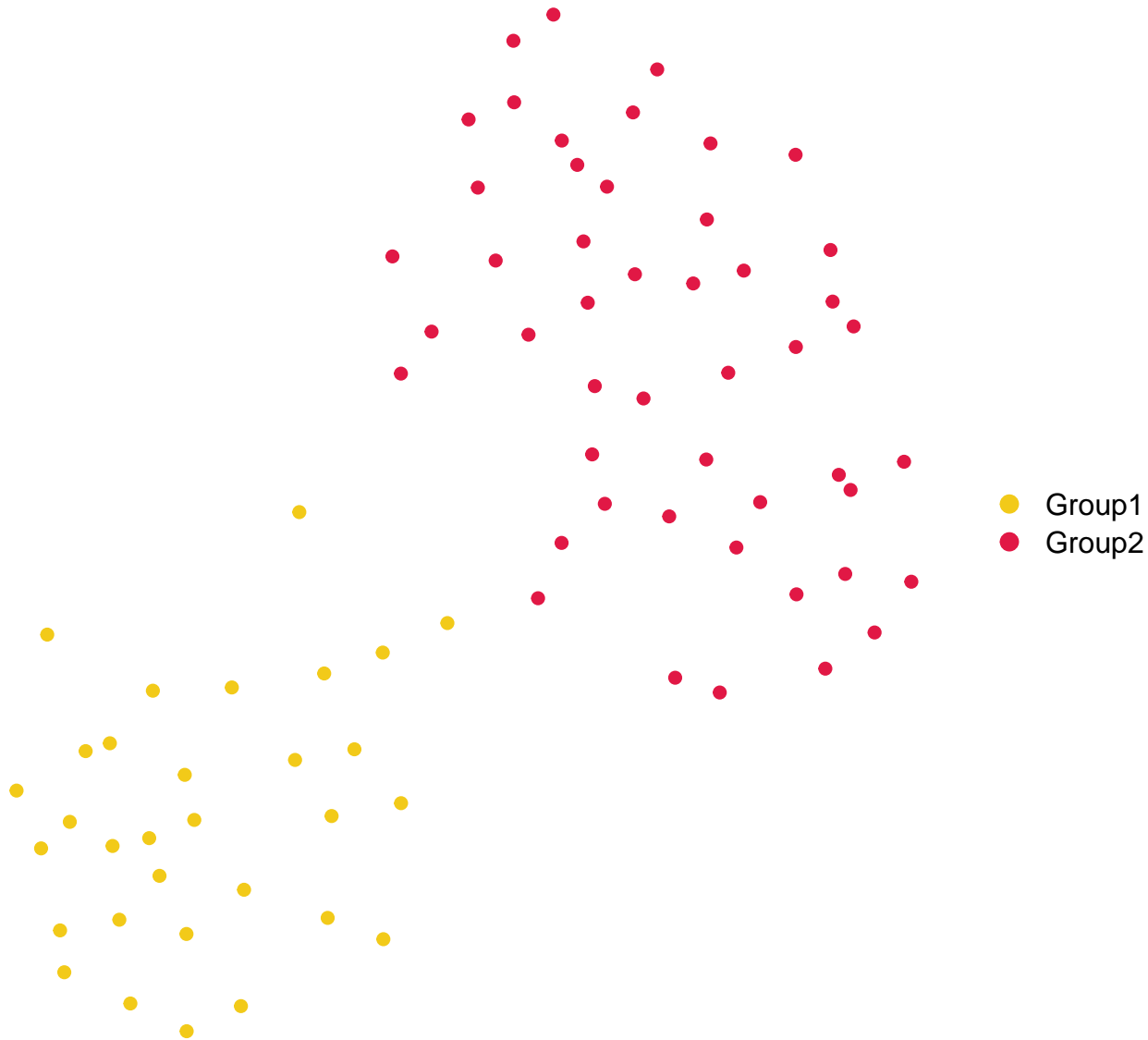
ting.chemo + Platinum.salts + MAPK

ting.chemo + Platinum.salts + PI3K.Akt

ting.chemo + Platinum.salts + TKIs



# Group



library\_size

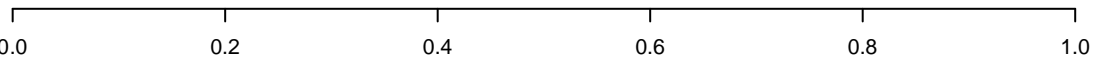


Silhouette plot of (x = cluster\_labels, dist = dist\_matrix)

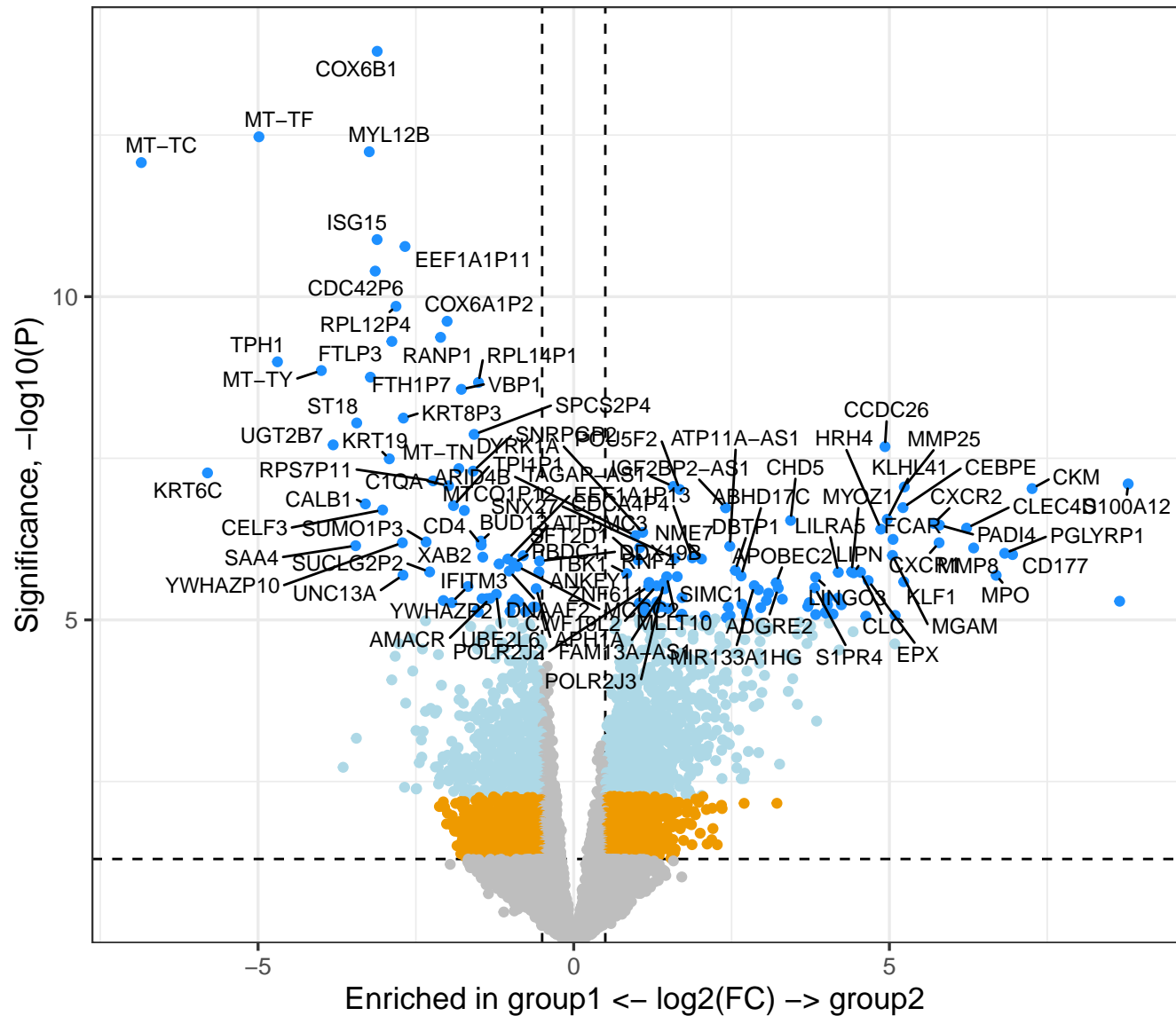
J :  $n_j$  |  $\text{ave}_{i \in C_j} S_i$

1 : 31 | 0.65

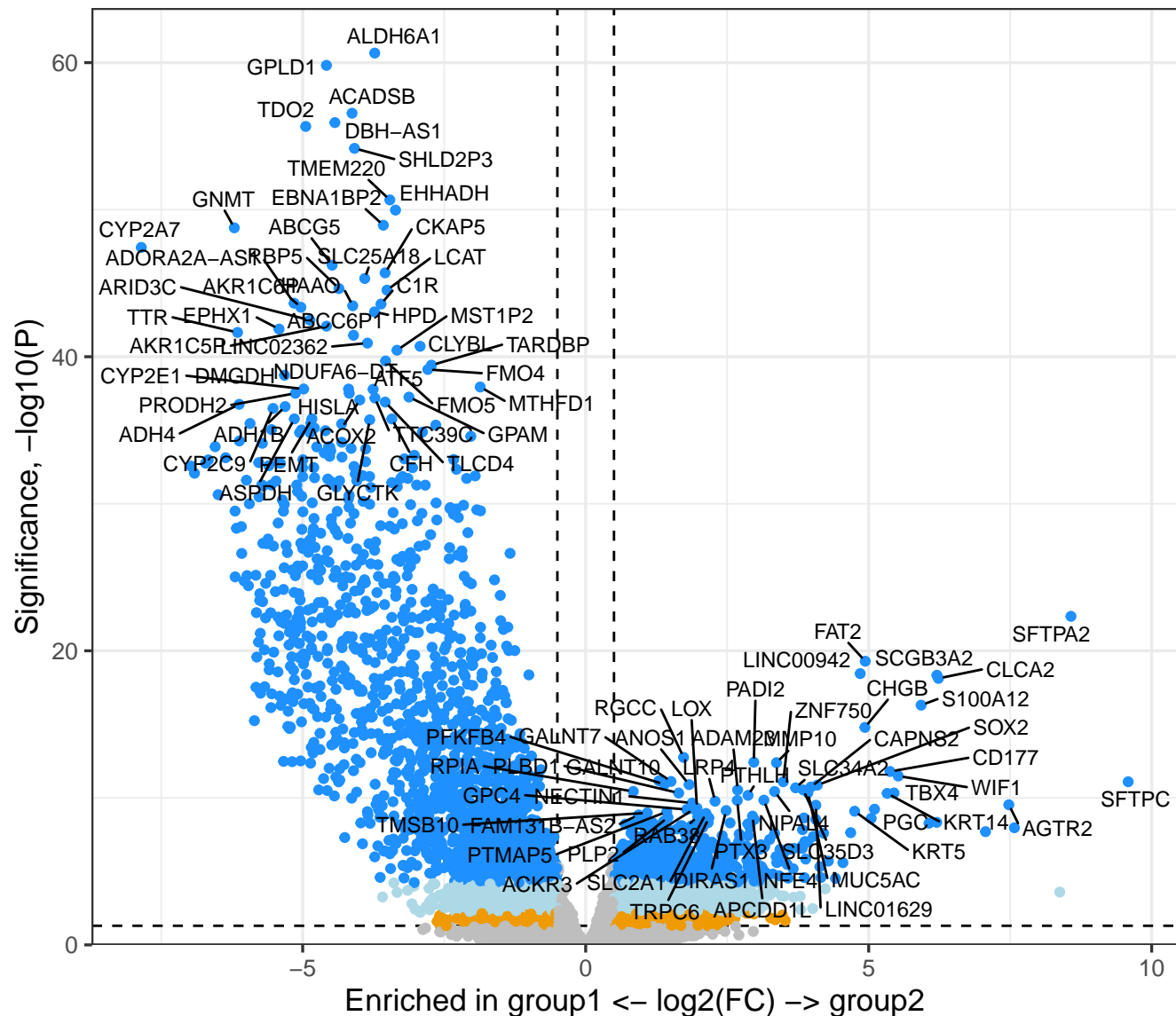
2 : 48 | 0.59



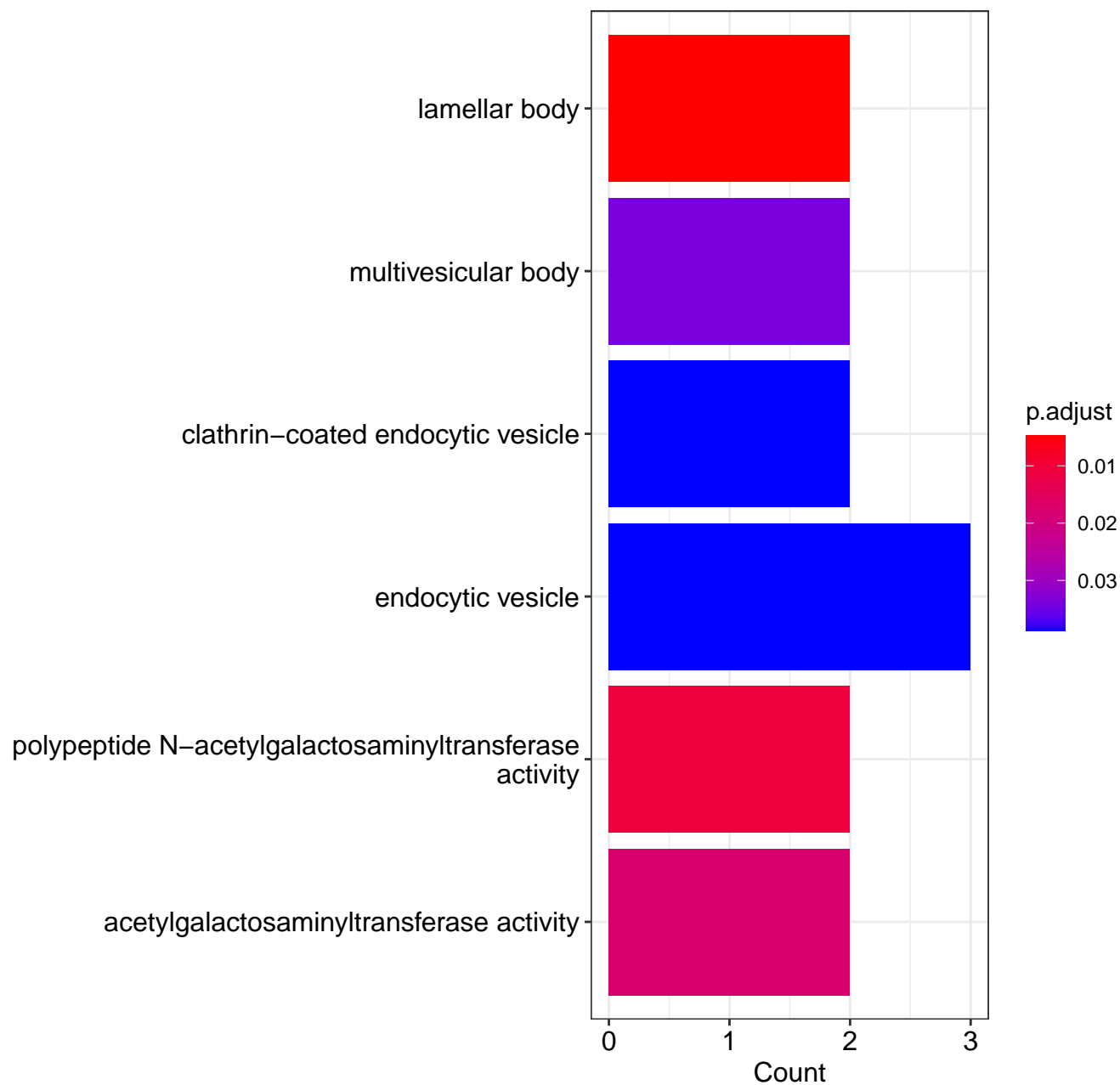
# Edger DEGs



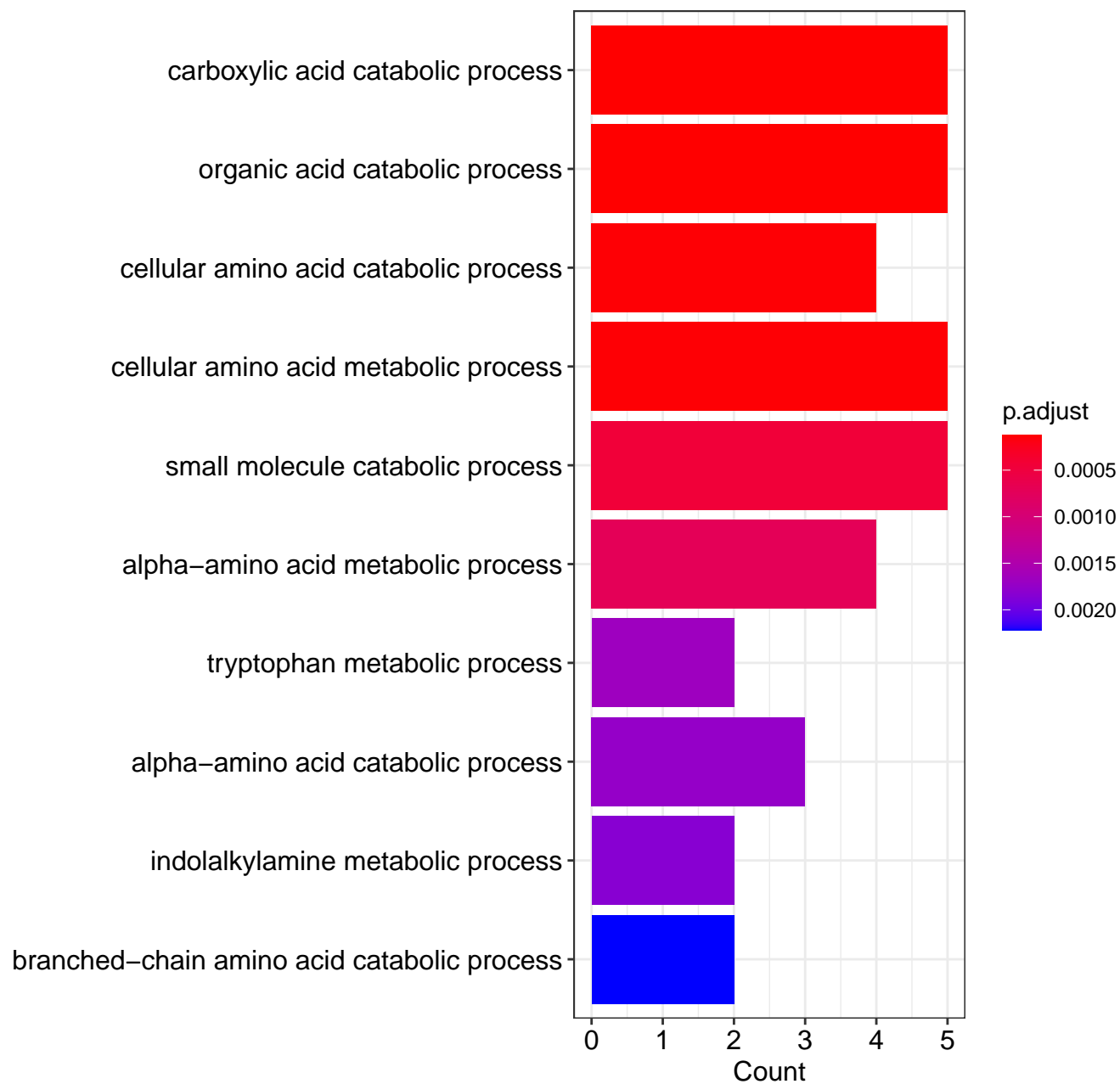
# Deseq DEGs



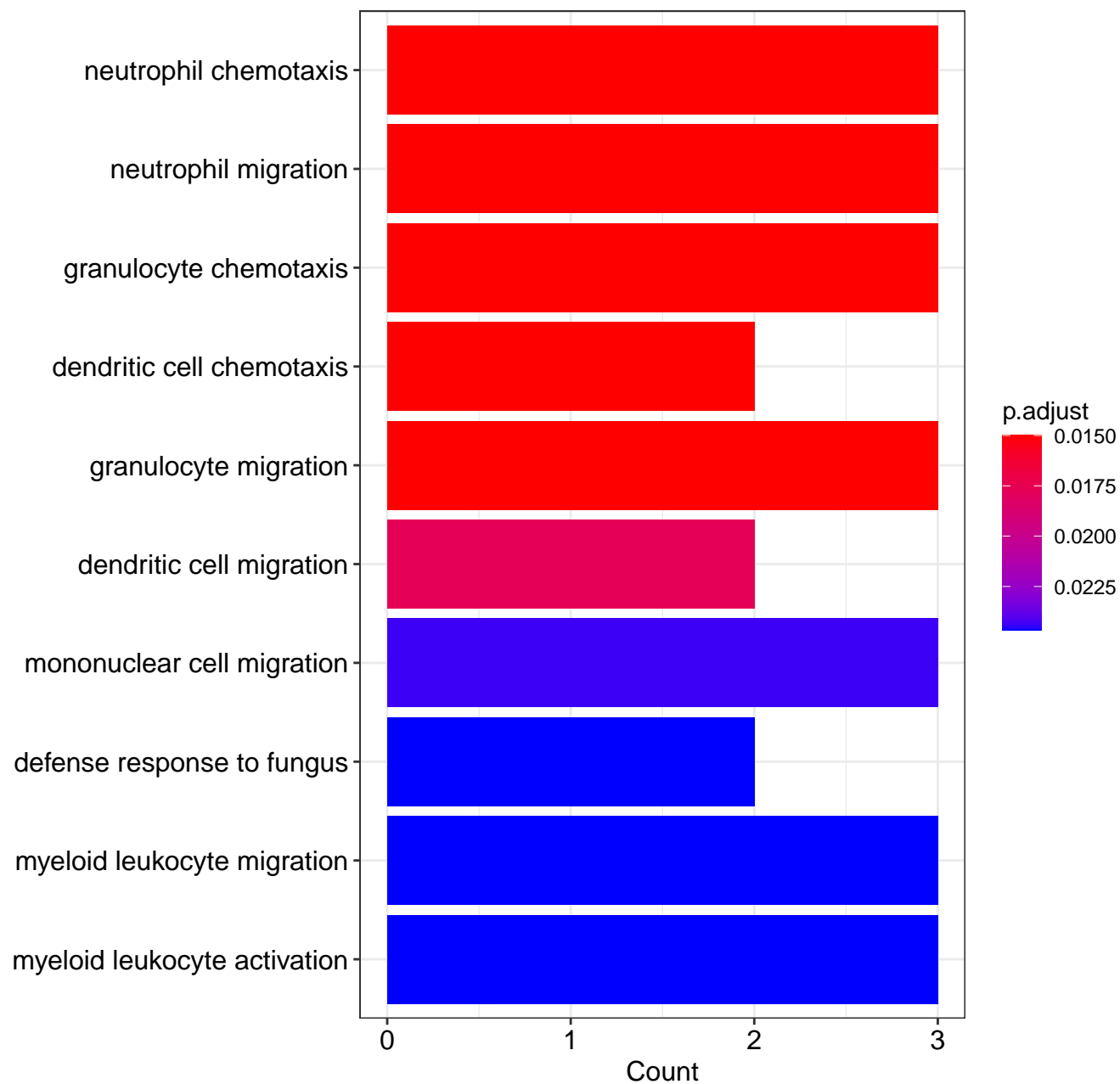
group2



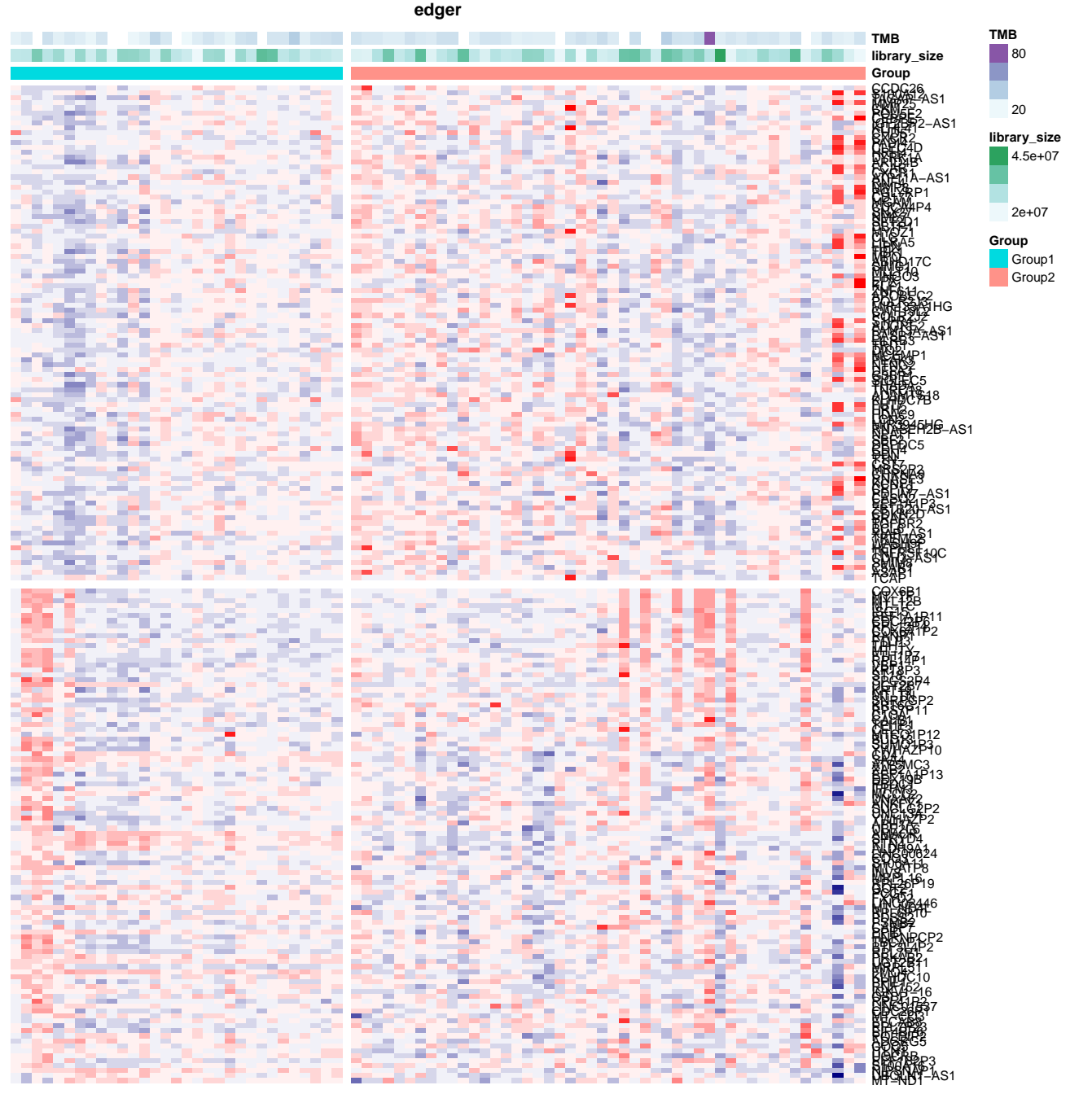
group1

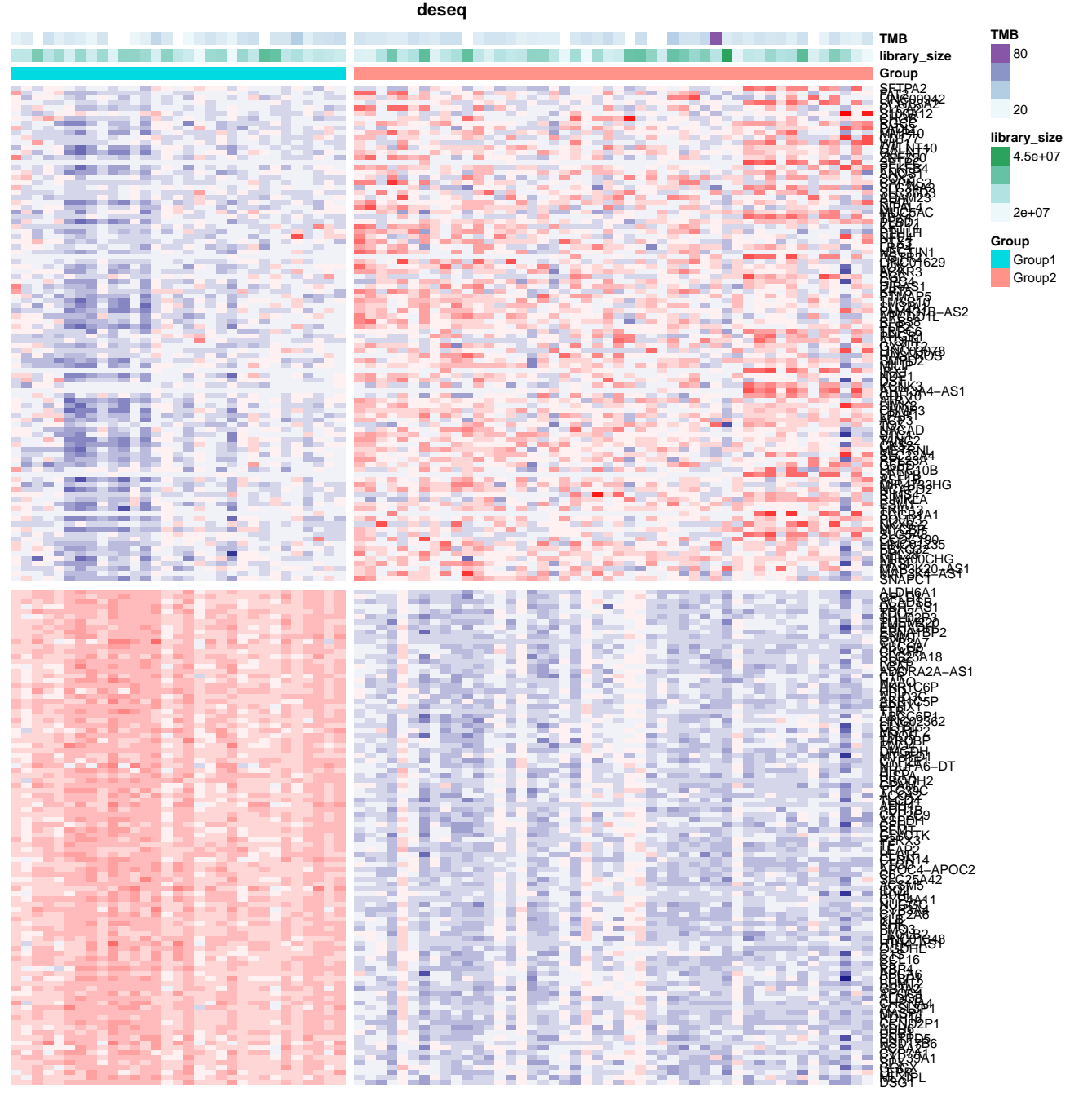


group2

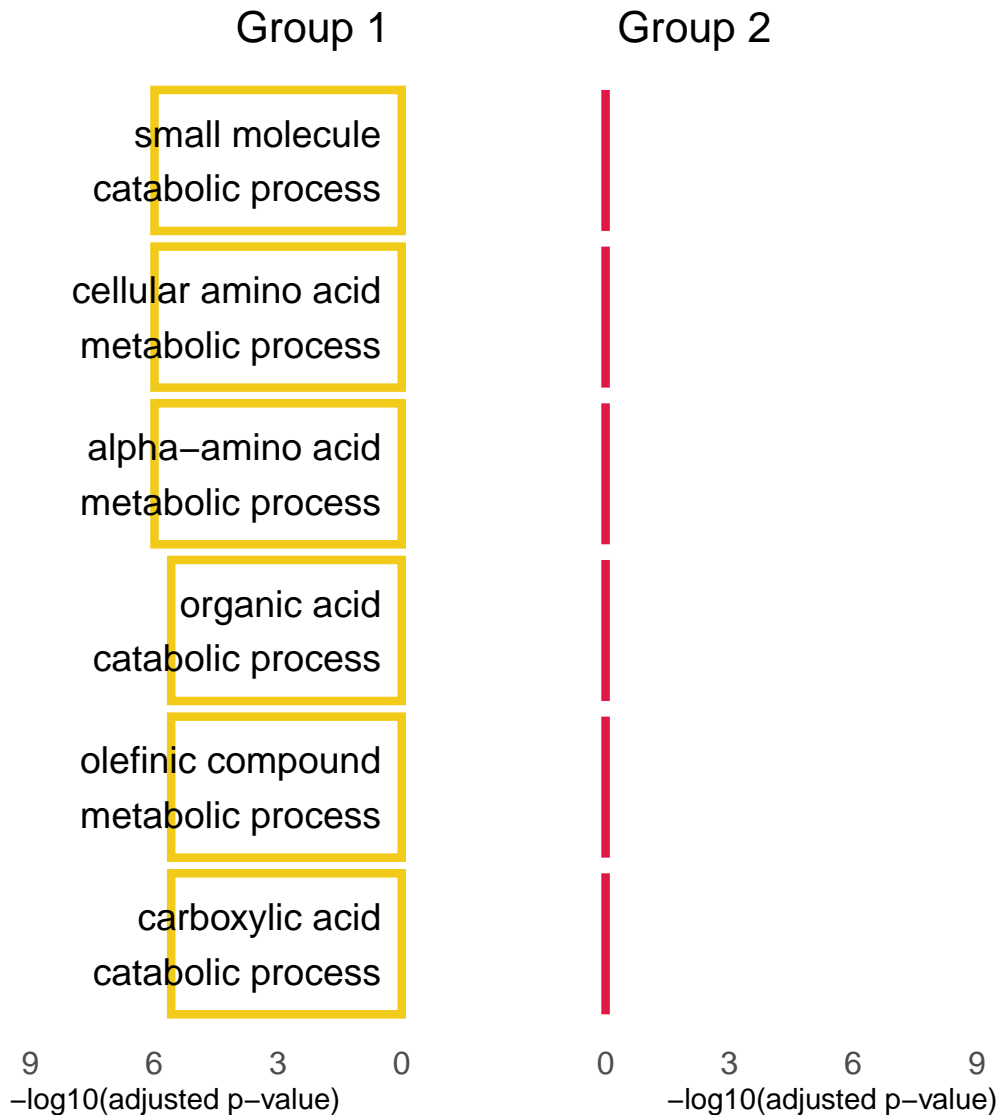




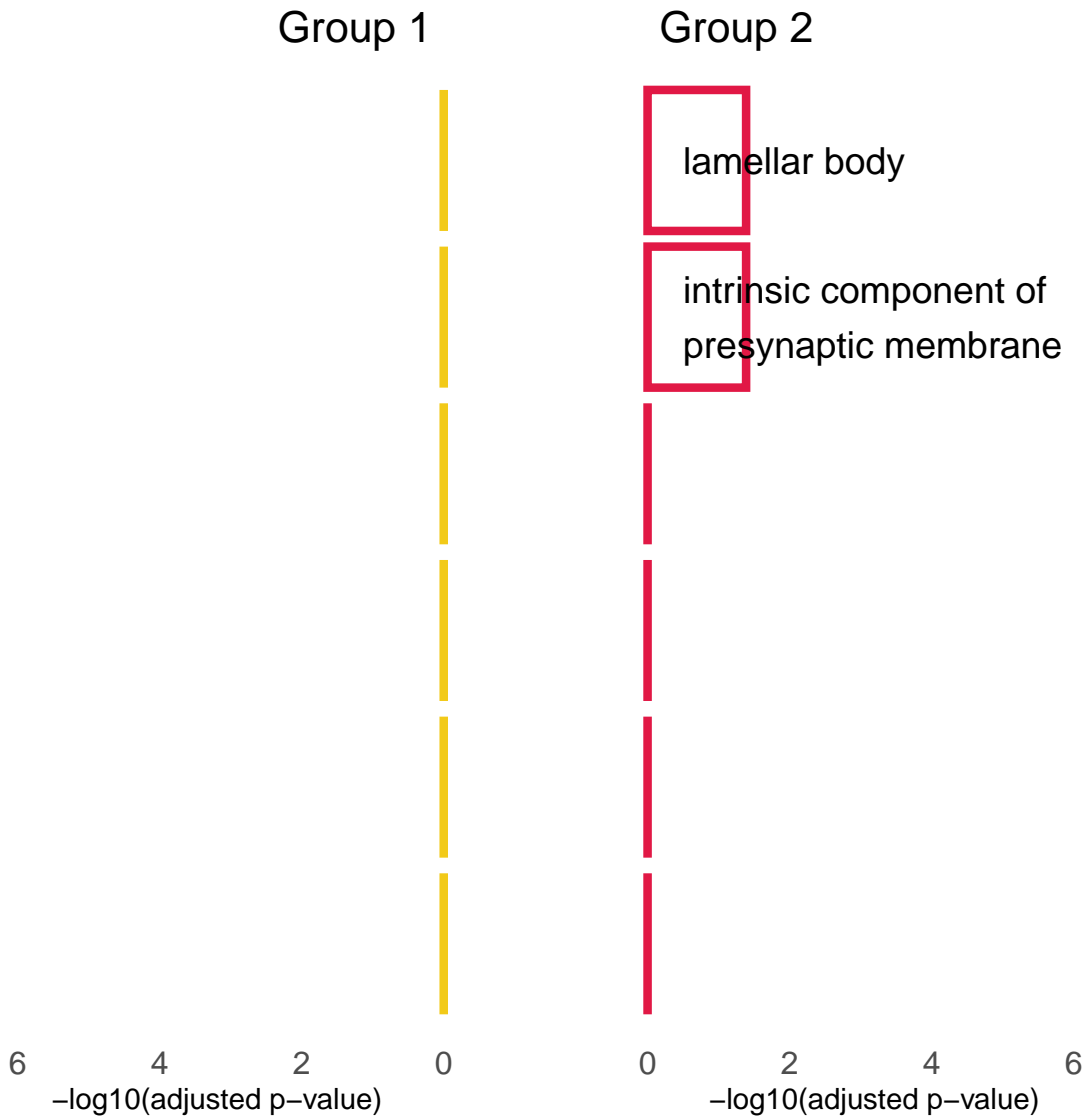




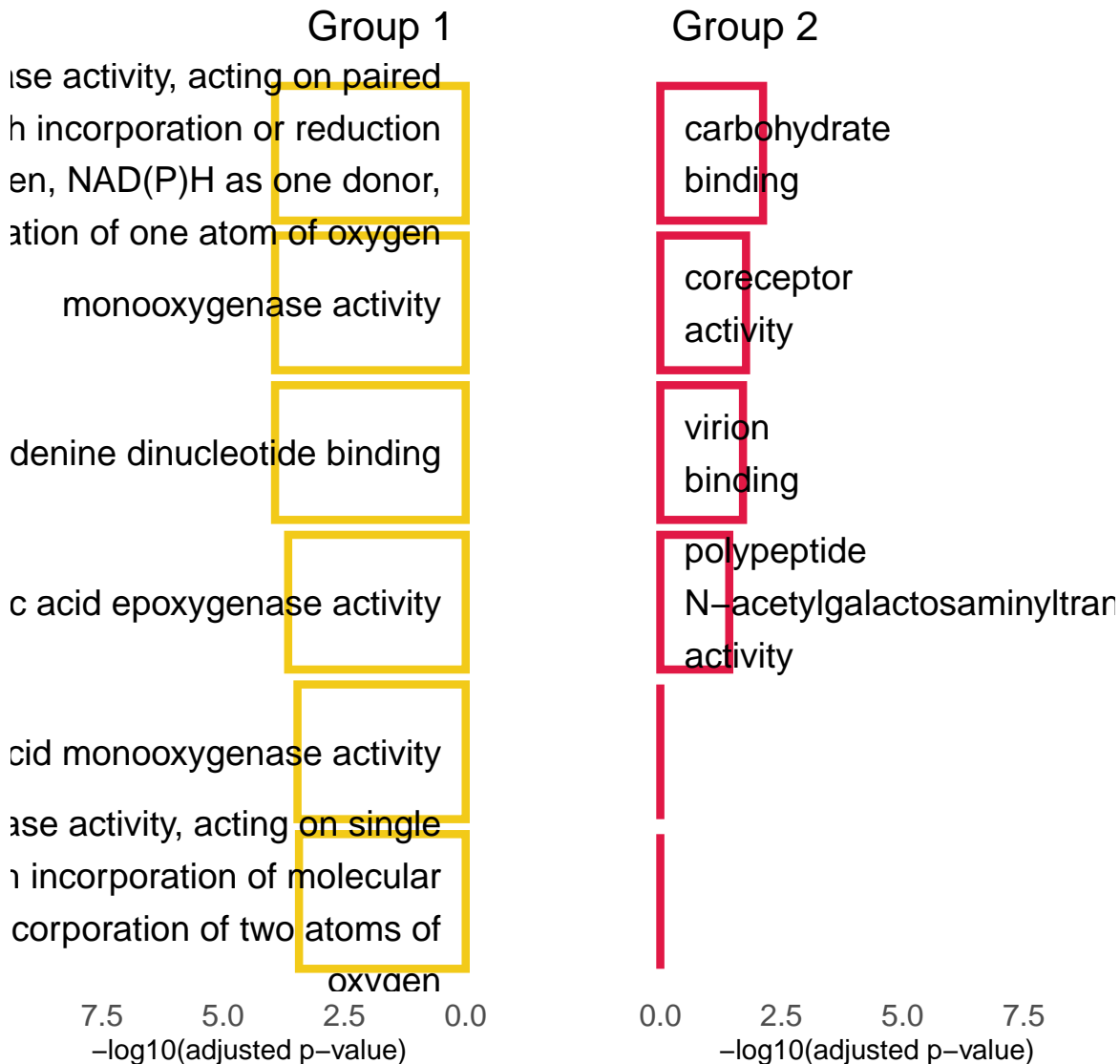
# Pathways



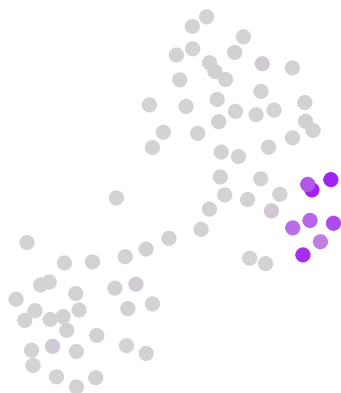
# Cellular Components



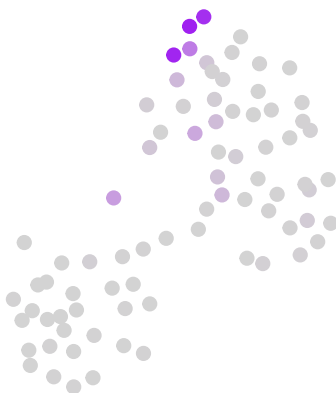
# Molecular Functions



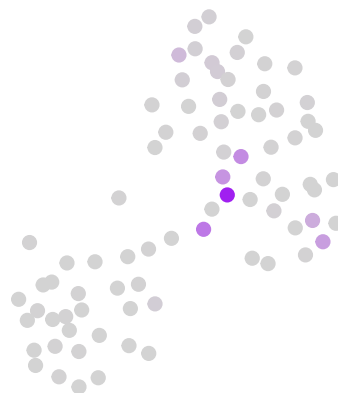
**SFTPA2**



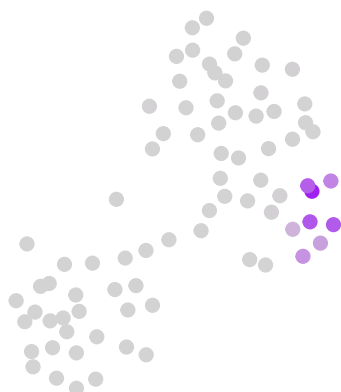
**FAT2**



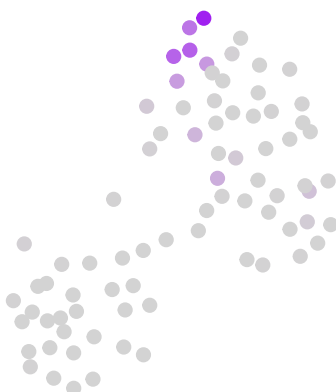
**LINC00942**



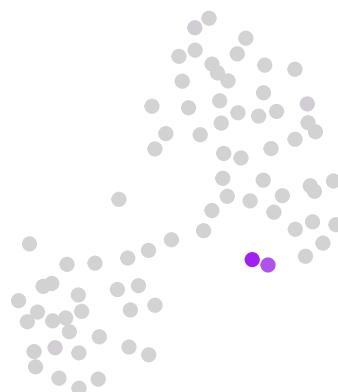
**SCGB3A2**



**CLCA2**



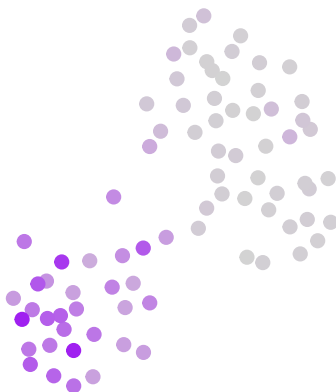
**S100A12**



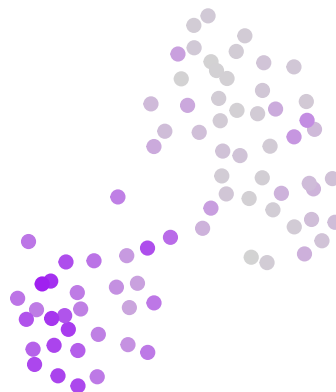
**ALDH6A1**



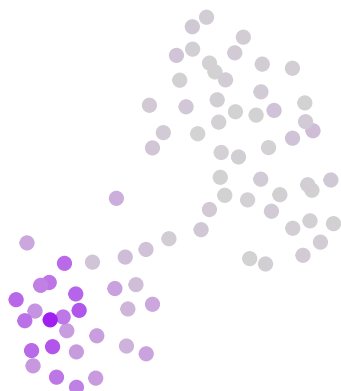
**GPLD1**



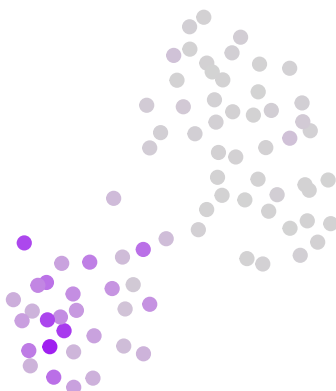
**ACADSB**



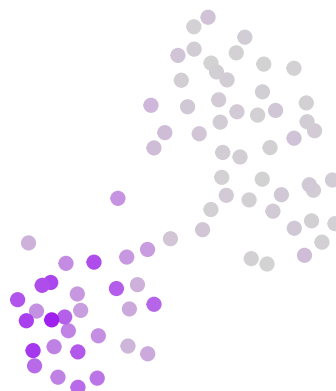
**DBH-AS1**



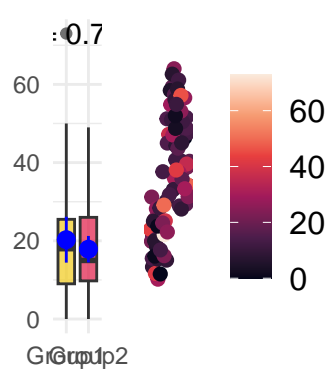
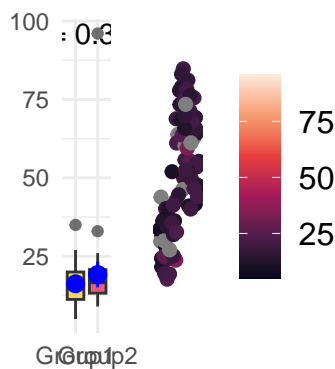
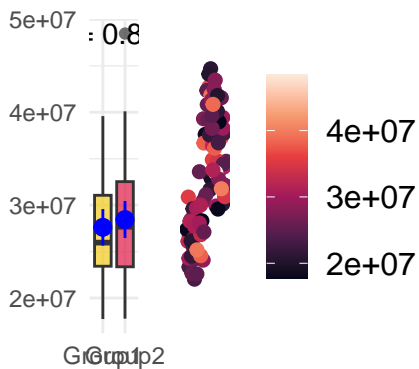
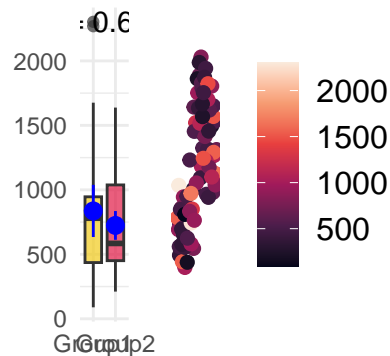
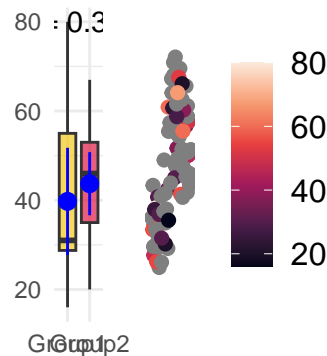
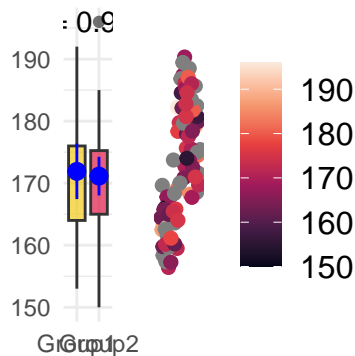
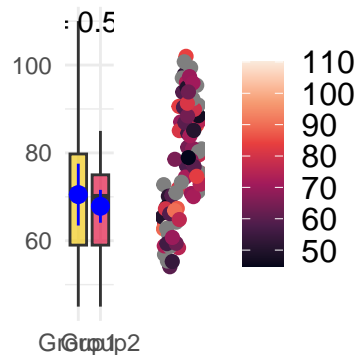
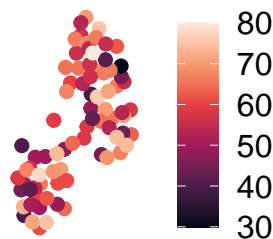
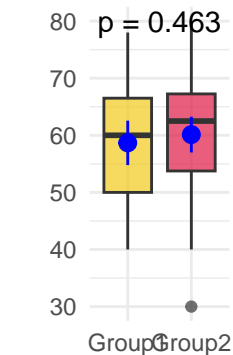
**TDO2**



**SHLD2P3**

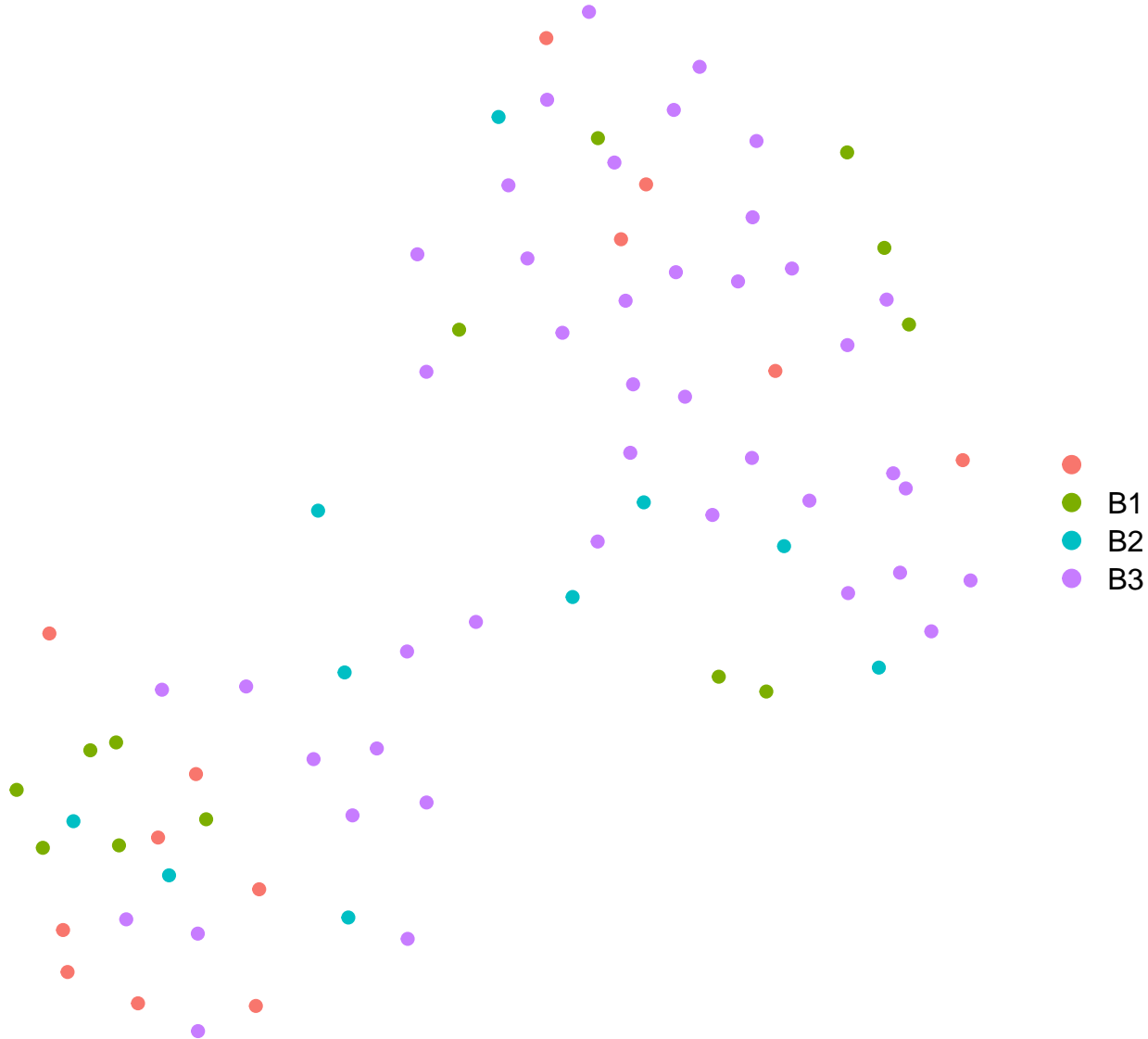


# Age

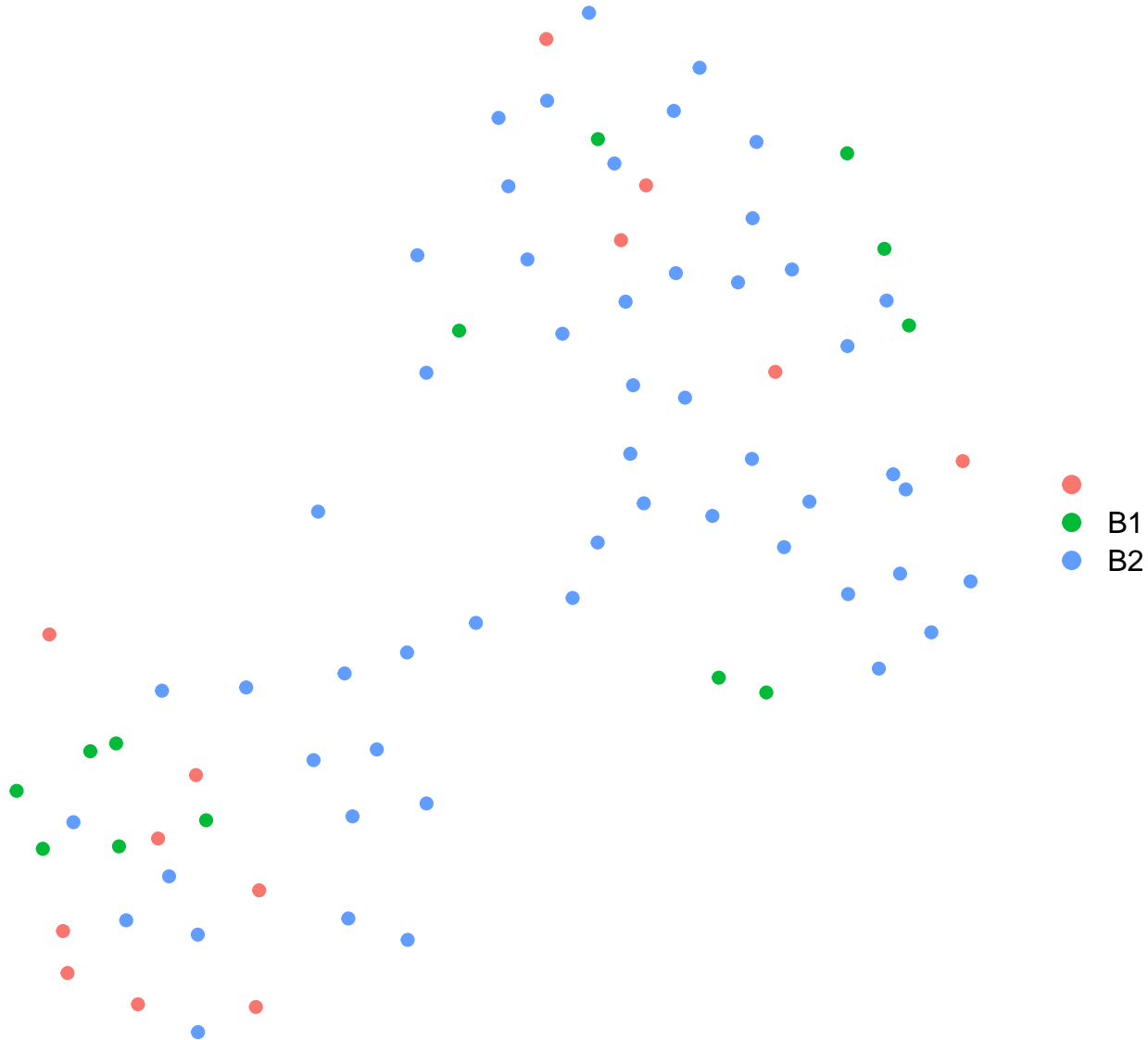




batch1

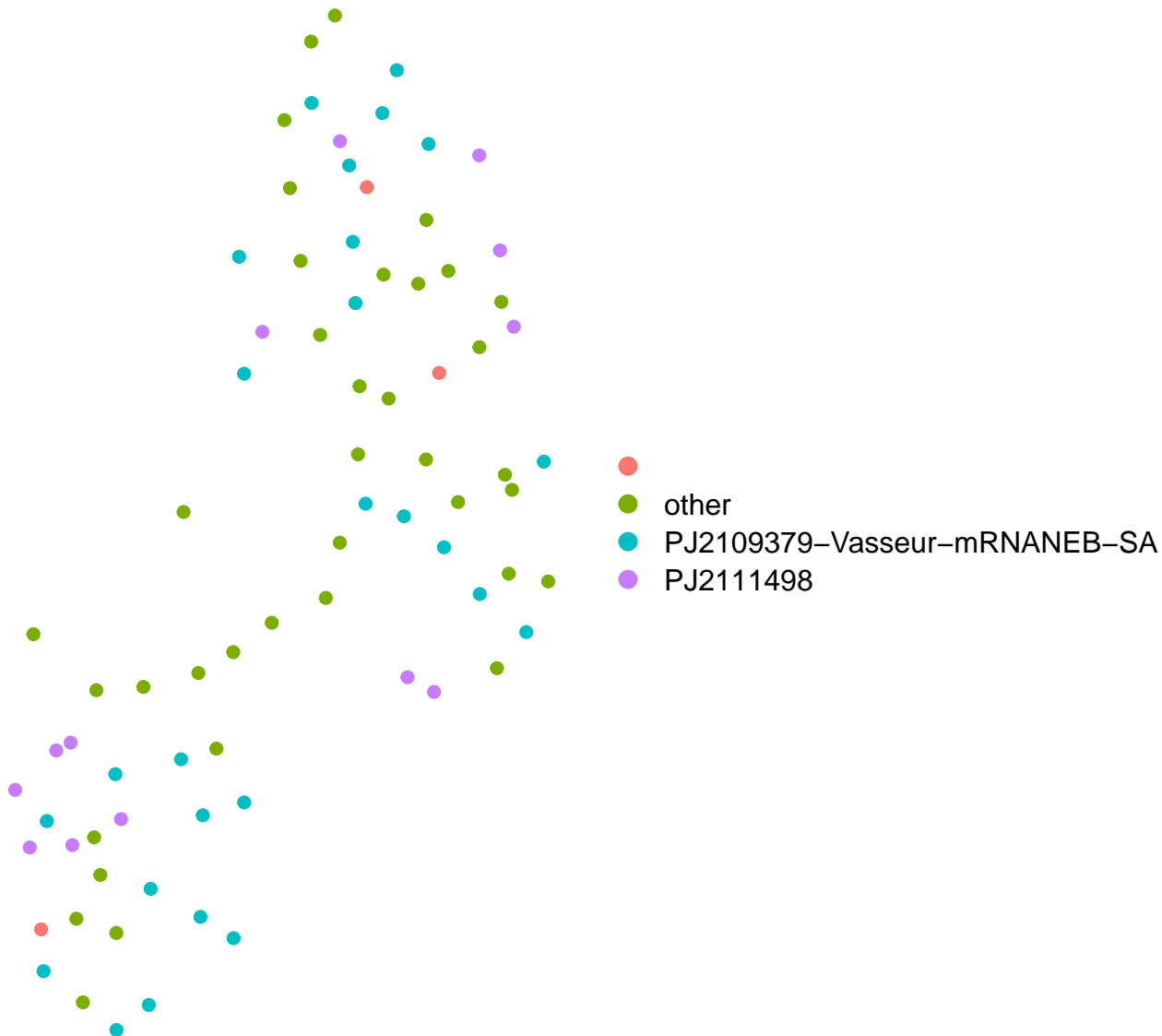


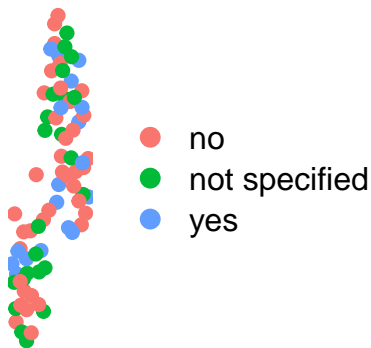
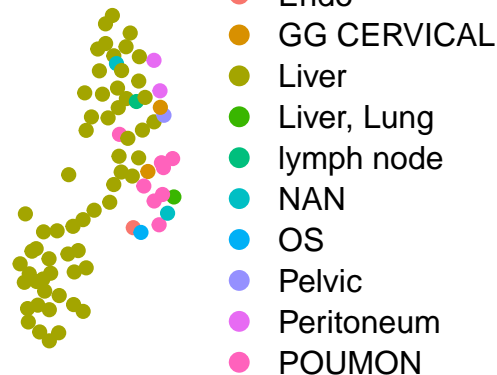
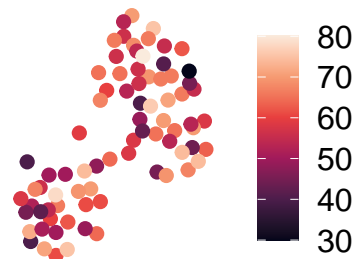
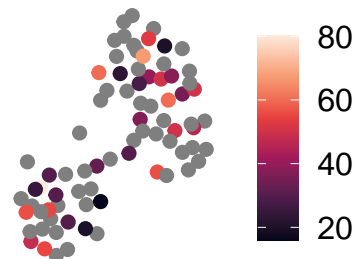
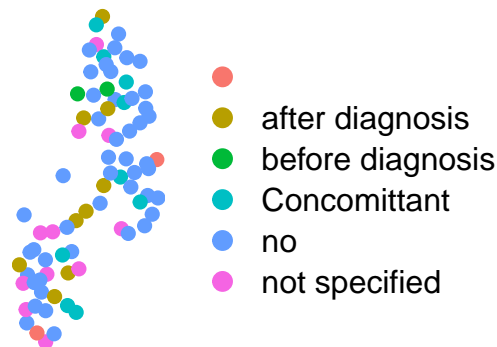
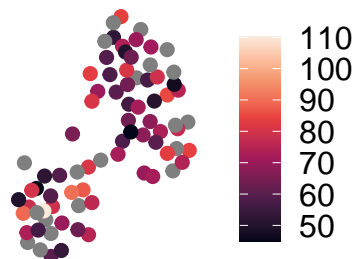
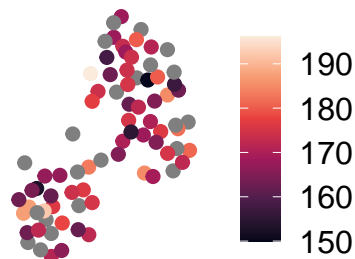
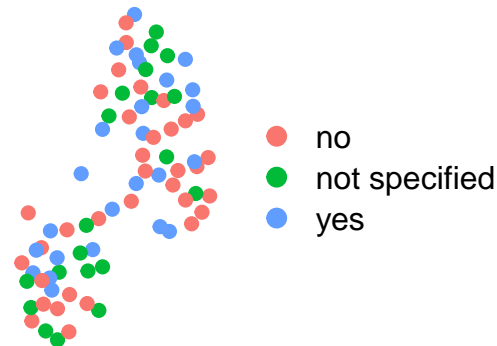
batch2



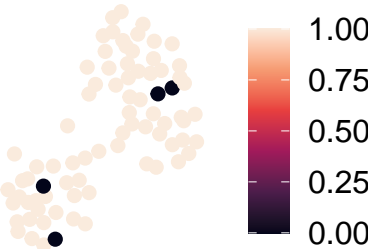
- M2271\_FC0215-Evry
- M2312\_FC0226-Evry
- M2330\_FC0384
- M2416\_FC0437
- M2494\_FC0490
- M2677-T1-ARN
- M2686-T1-ARN
- M2700-T1-ARN
- M2708-T1-ARN
- M2711-T1-ARN
- M2713-T1-ARN
- M2715-T1-ARN
- M2721-T1-ARN
- M2723-T1-ARN
- M2725-T1-ARN
- M2729-T1-ARN
- M2730-T1-ARN
- M2733-T1-ARN
- M2738-T1-ARN
- M578\_FC0237-Evry
- M672
- M844
- MatchR\_MR513/MR513-N\_MR513-T1-ADN\_MR513-T1-AR
- Moscato2\_M2560\_FC0575
- Moscato2\_M2640\_FC0712
- Moscato2\_M2644\_FC0715
- Moscato2\_M2647\_FC038
- Moscato2\_M2650\_FC036
- Moscato2\_M2654\_FC036
- Moscato2\_M2658\_FC040
- Moscato2\_M2666\_FC044
- Moscato2\_M2669\_FC047
- Moscato2\_M2671\_FC046
- Moscato2\_M2681\_FC055
- Moscato2\_M2683\_FC055
- Moscato2\_M2687\_FC059
- Moscato2\_M2695\_FC061
- PJ2109379-Vasseur-mRNANEB-SA
- PJ2111498

batch3\_group

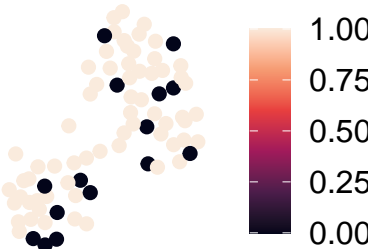


**Sex****Alcohol****Tissue****Age****Tumor size mm****Diabetes****Weight kg****Height cm****Smoking**

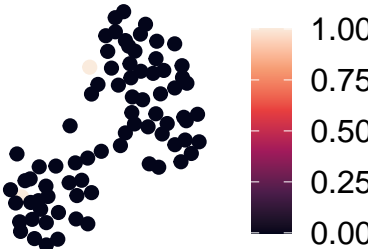
**Non.alkylating.chemo**



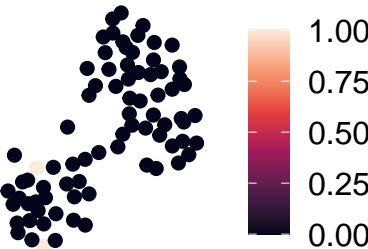
**Platinum.salts**



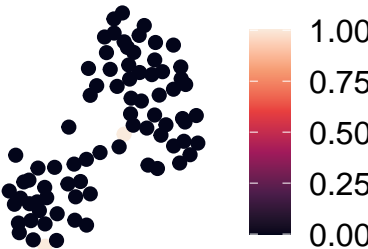
**TKIs**



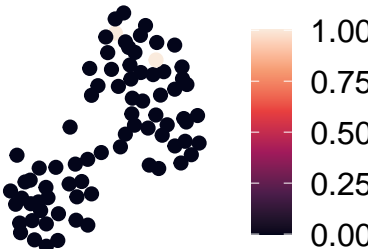
**MAPK**



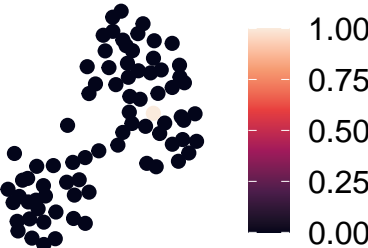
**PI3K.Akt**



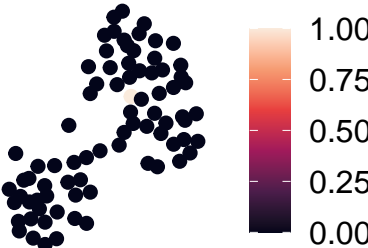
**DDR**



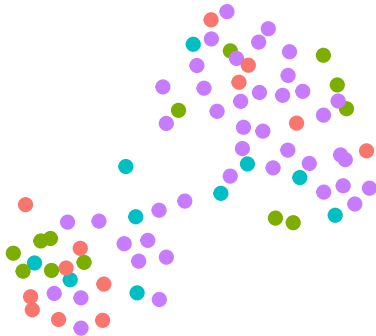
**Macrophages**



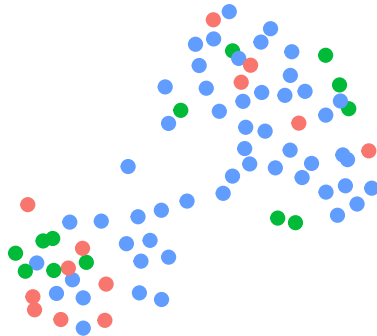
**ICI**



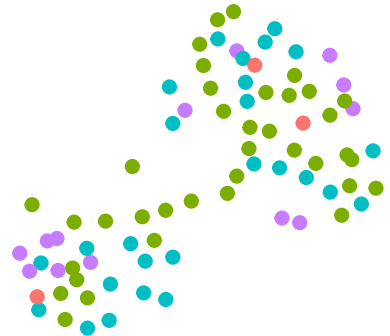
**batch1**



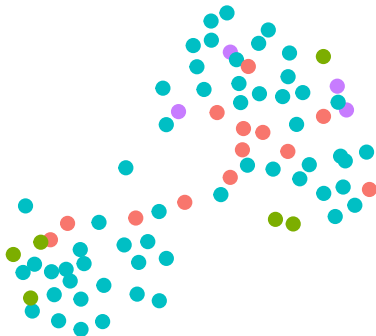
**batch2**



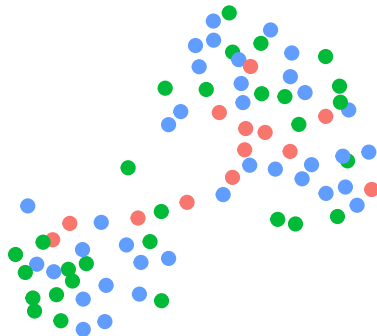
**batch3\_group**



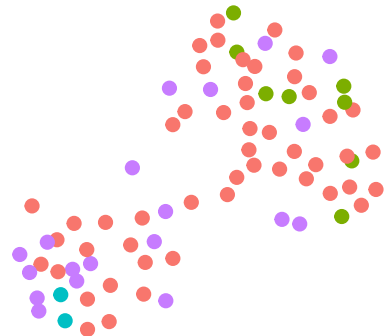
**cellularity**



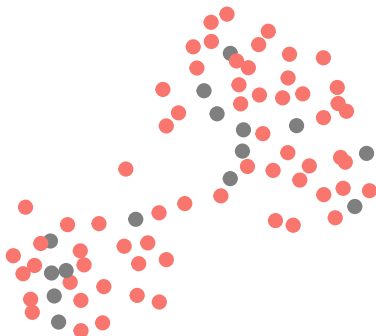
**autre\_cassete\_dispo.20.**



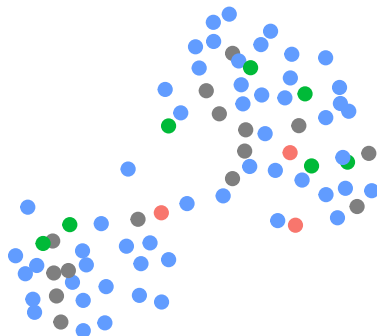
**arn\_restant**



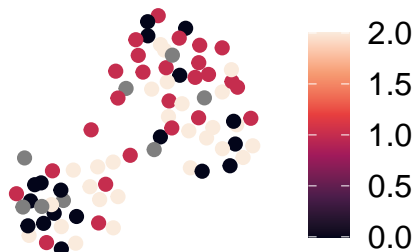
**organisation**



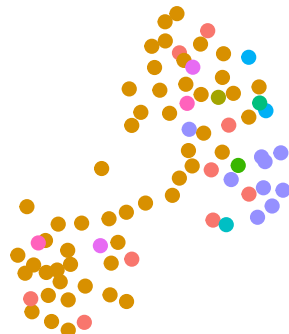
**technicalPlatform**



**cnv\_cluster**



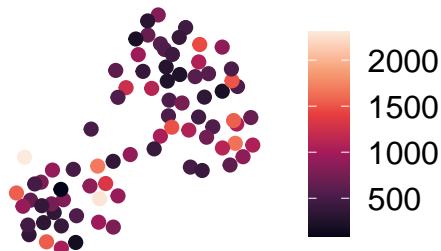
**Biopsy\_Site**



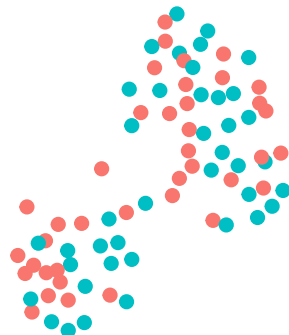
**diagnosis\_date**



**survival**



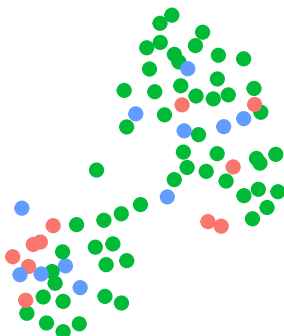
**age\_cat**



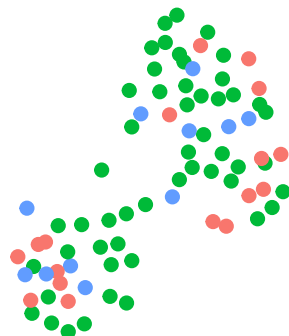
**tumor\_age**



**kras**



**tp53**

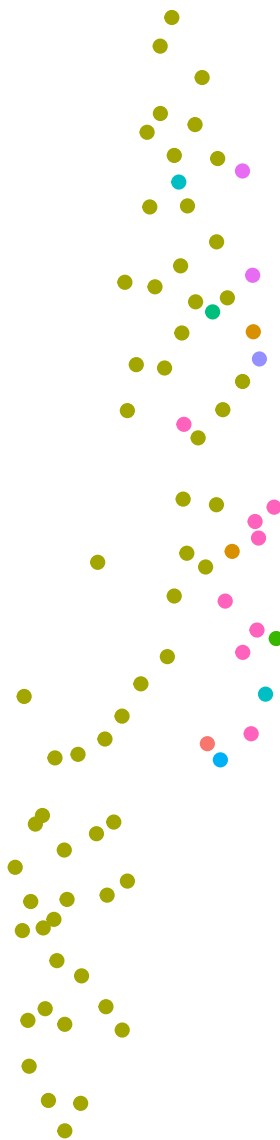
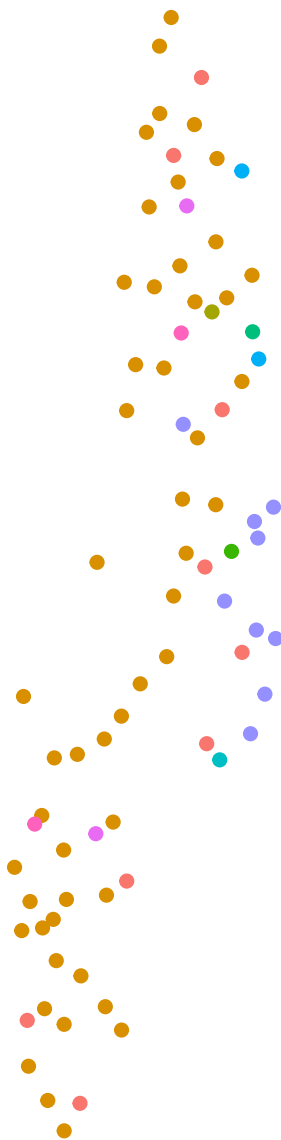




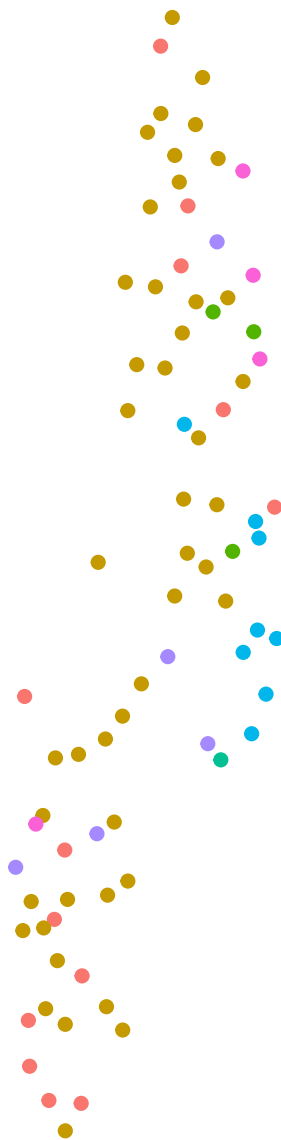
Biopsy\_Site

Biopsy Site

site.biopsie



- Endo
- GG CERVICAL
- Liver
- Liver, Lung
- lymph node
- NAN
- OS
- Pelvic
- Peritoneum
- POUMON



# Survival Comparison IGR Cohort

Groups: Group1 Group2

