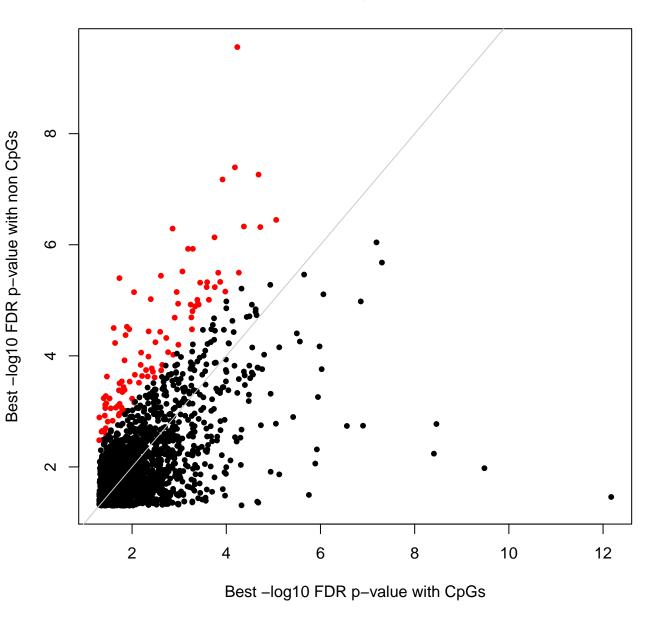
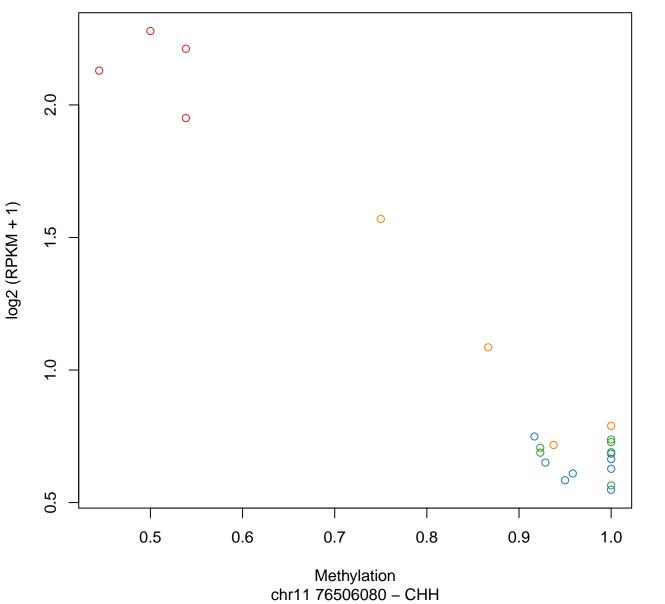
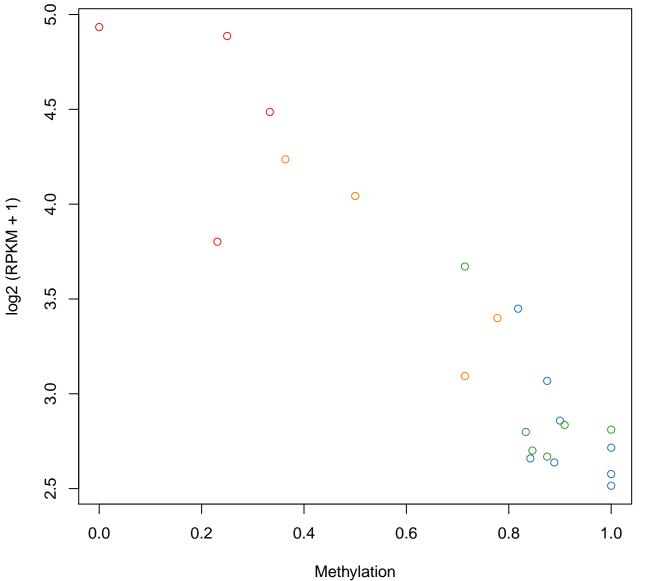
## 1776 common gene meQTLs



## gene 8171 FDR 2.76e-10 TSKU



# gene 3835 FDR 3.99e-06 PDGFRA

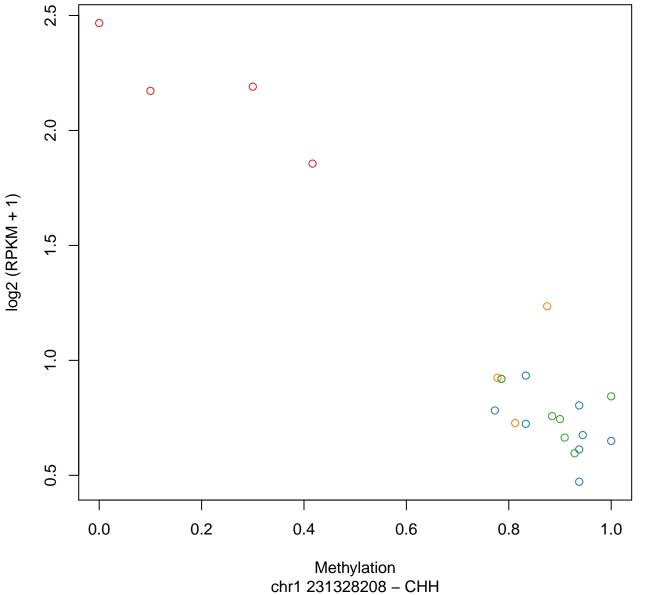


chr4 55131741 - CHH

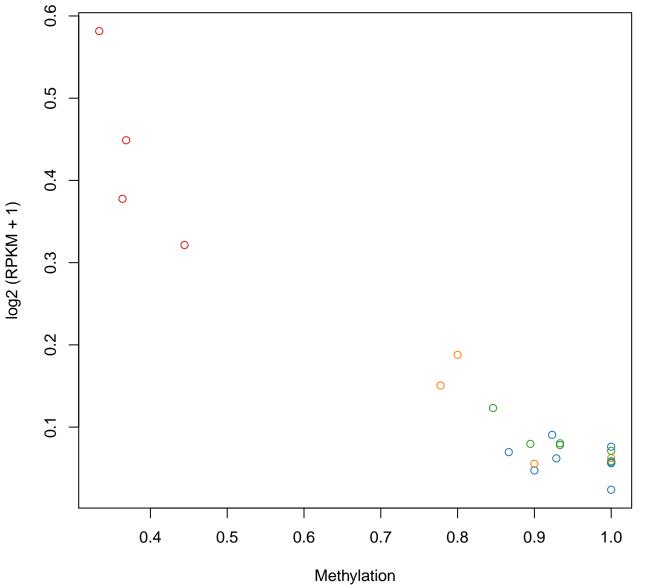
# gene 2058 FDR 5.12e-07 SULT1E1 0.20 0 0.15 log2 (RPKM + 1) 0 0 0.10 0.05 0 0 0 0 0.00 0000000 0.2 0.4 0.6 8.0 1.0 Methylation

chr4 70696319 - CHH



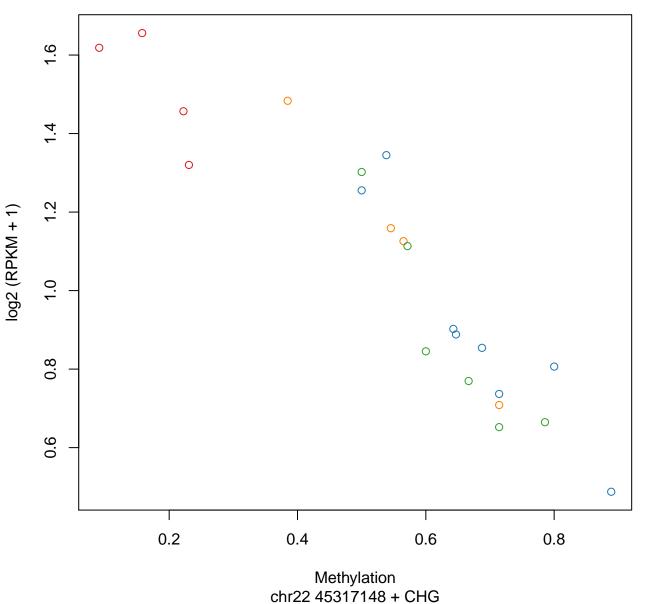


## gene 5209 FDR 4.04e-08 ADAMTS12

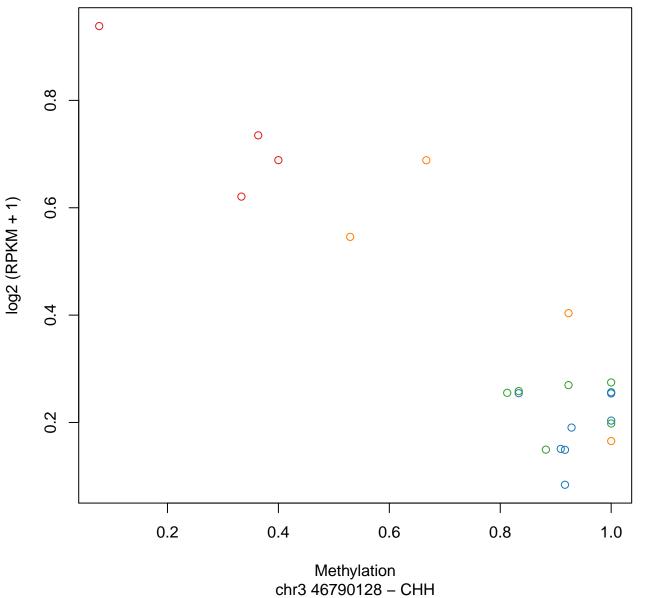


chr5 33851989 - CHH

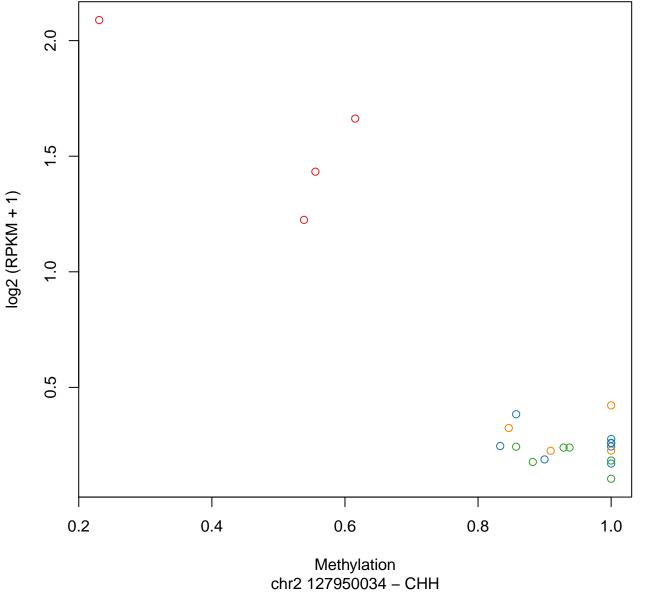
gene 458 FDR 7.14e-06 PHF21B



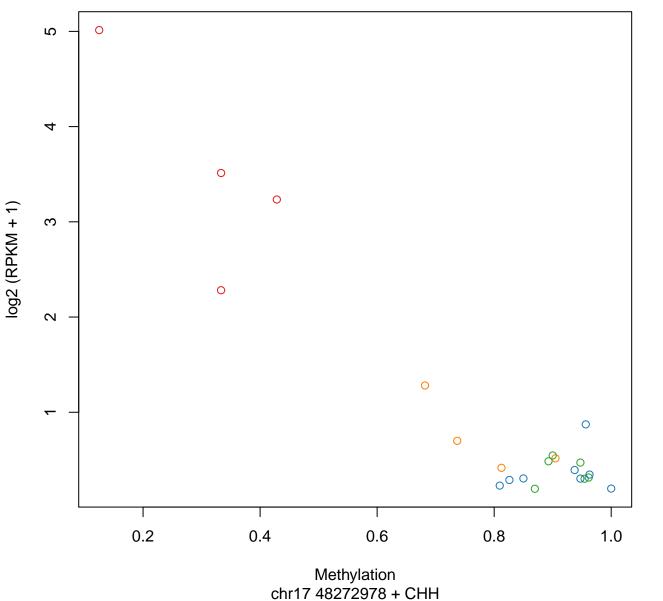
# gene 9918 FDR 3.16e-05 PRSS50



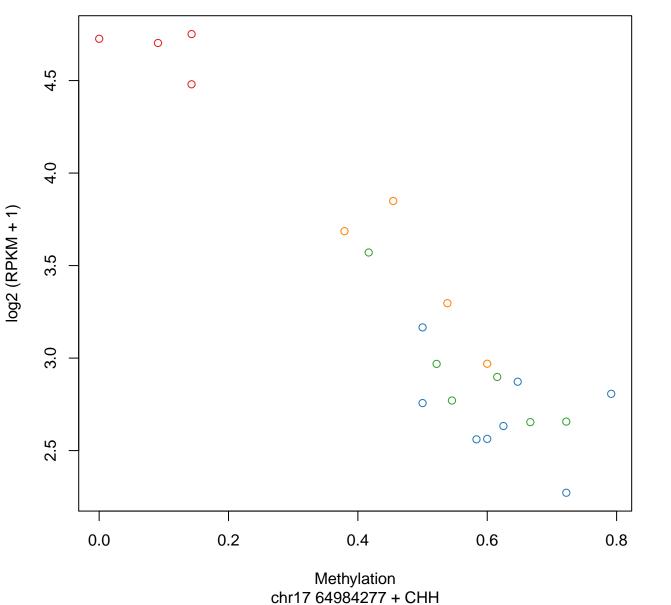
# gene 8625 FDR 3.61e-06 CYP27C1



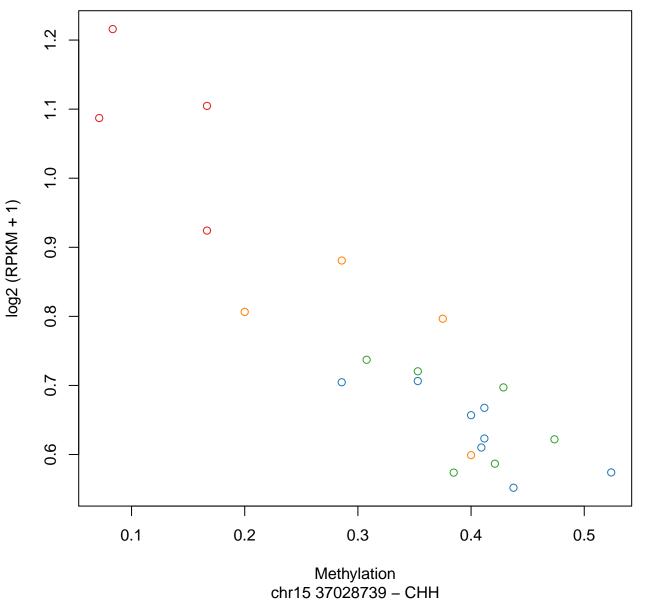
## gene 2029 FDR 1.18e-06 COL1A1



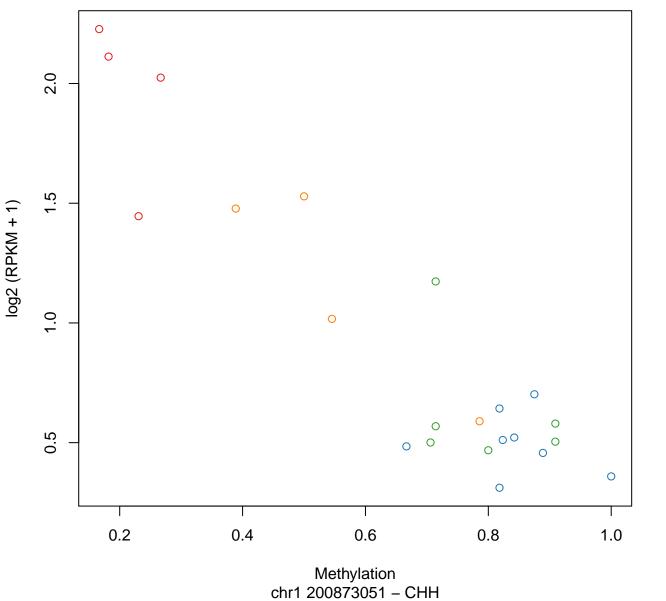
## gene 790 FDR 1.19e-06 CACNG4



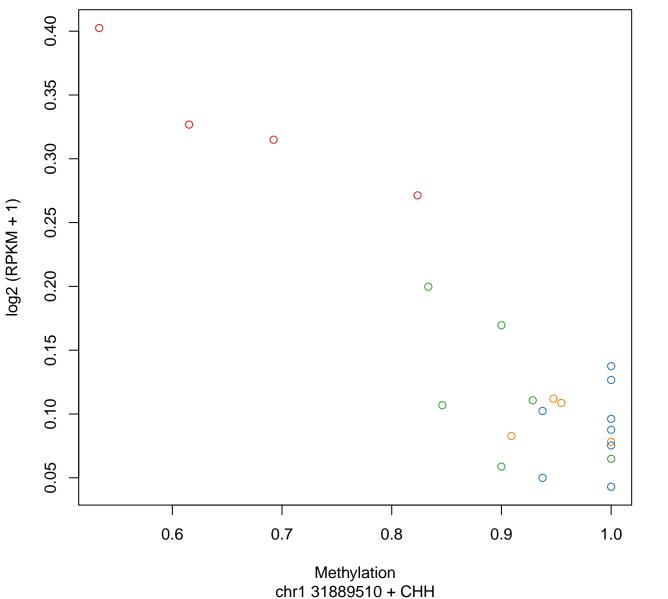
## gene 8553 FDR 3e-05 C15orf41



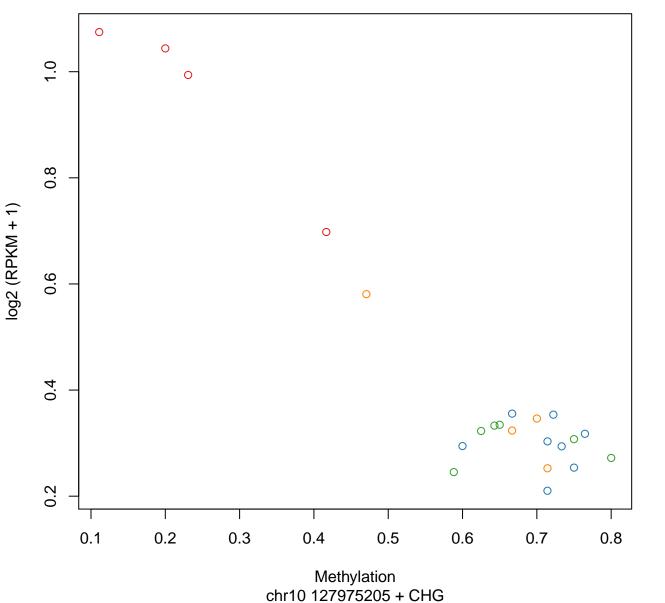
## gene 6096 FDR 9.52e-06 C1orf106



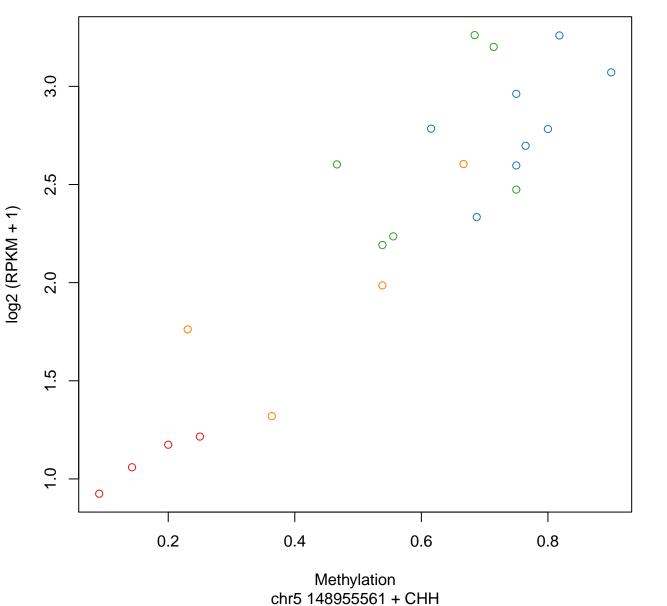
## gene 6831 FDR 5.87e-05 SERINC2



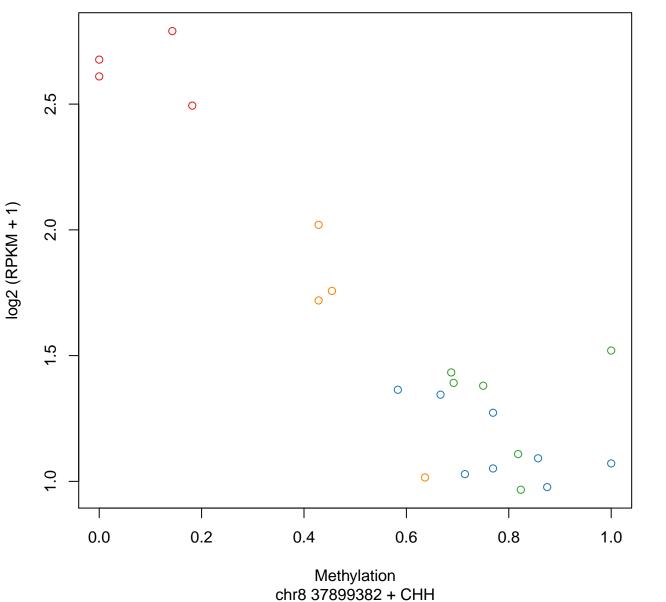
## gene 5065 FDR 5.46e-08 ADAM12



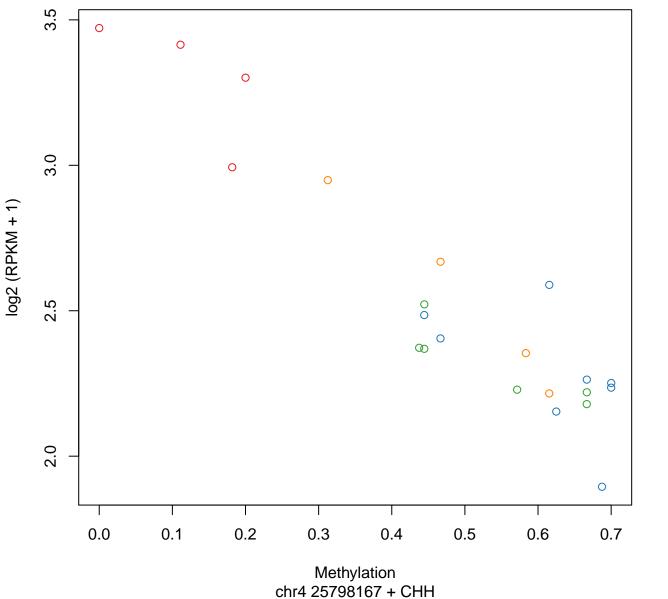
#### gene 8217 FDR 3.32e-05 ARHGEF37



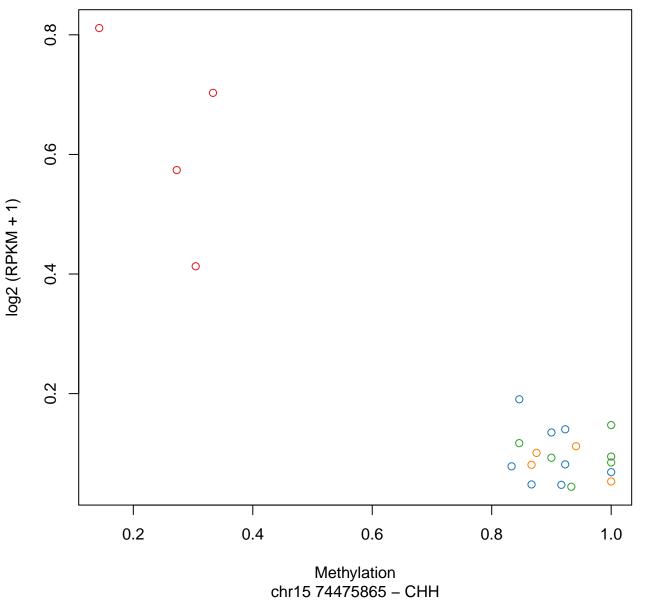
## gene 8735 FDR 4.23e-05 EIF4EBP1



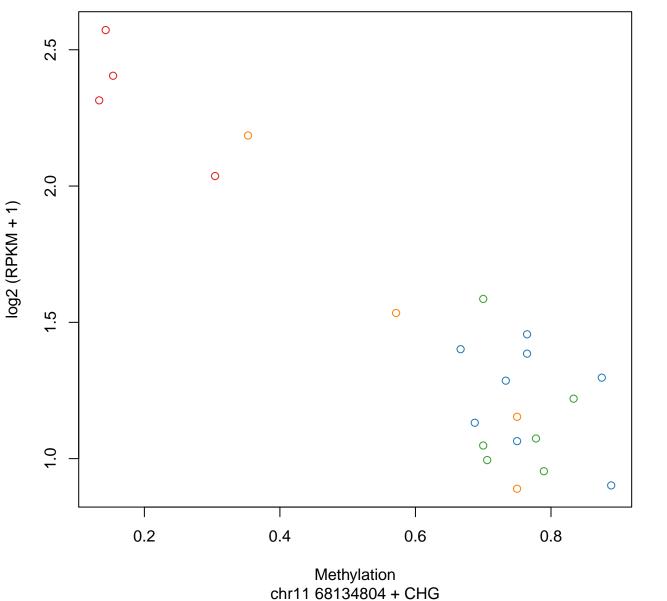
## gene 1127 FDR 3.03e-06 SEL1L3



## gene 4171 FDR 7.36e-07 STRA6



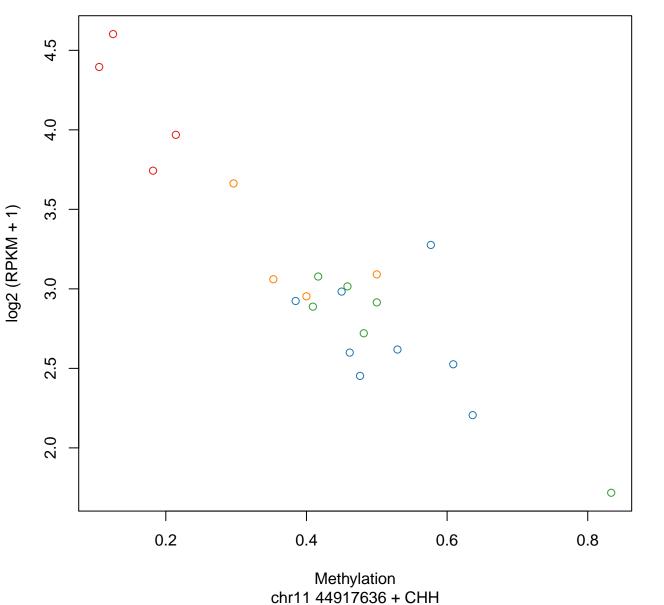
## gene 5945 FDR 7.1e-06 LRP5



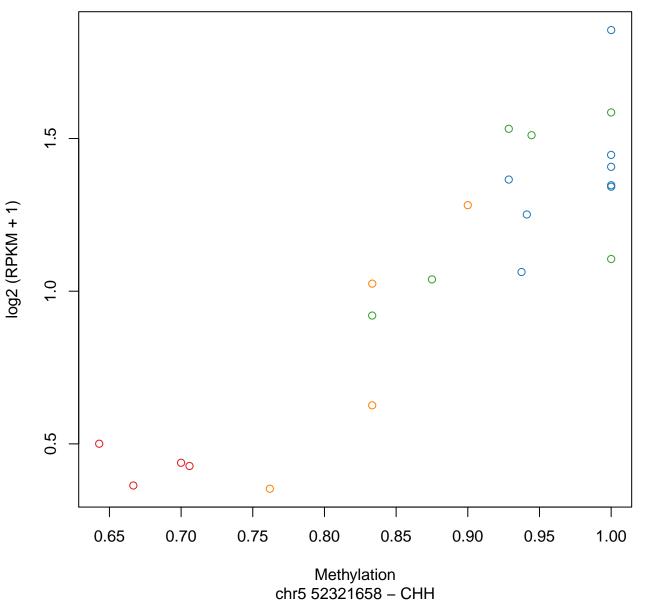
#### gene 191 FDR 0.000236 **SEMA3B** 5.0 0 0 4.5 0 0 4.0 0 0 0 log2 (RPKM + 1) 3.5 0 0 0 0 0 0 00 0 3.0 0 2.5 2.0 0 0 0 0 1.5 0 0.2 0.4 0.6 8.0 Methylation

chr3 50307125 - CHH

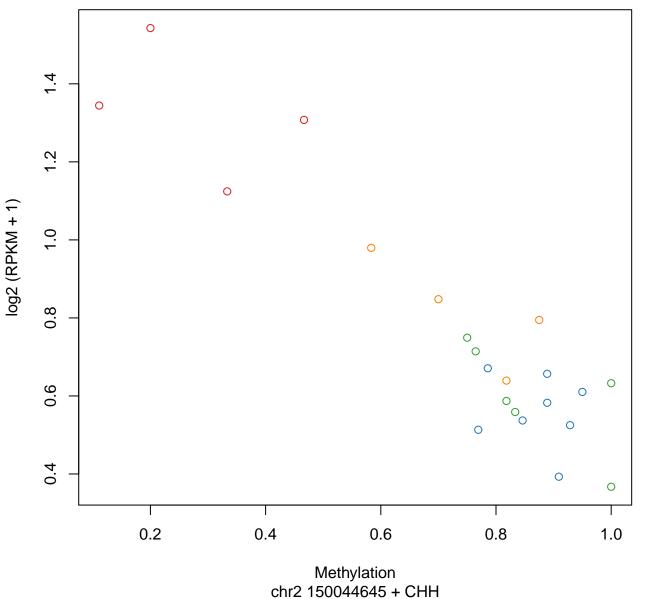
#### gene 7553 FDR 3.63e-05 TP53I11



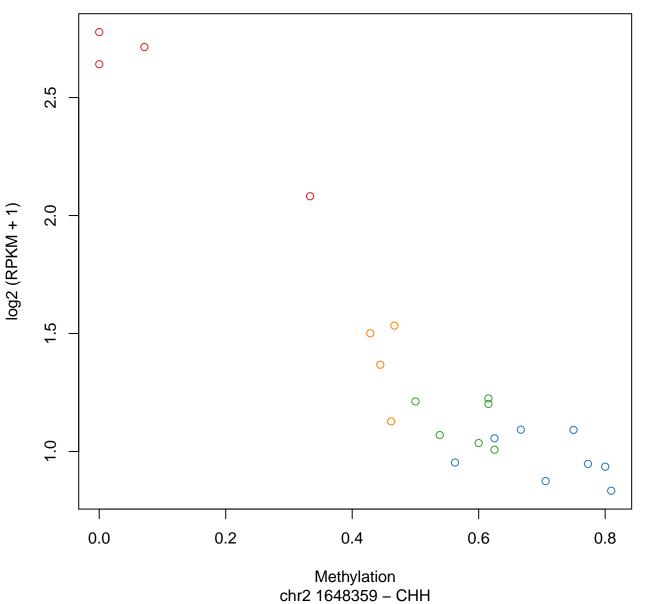
## gene 6256 FDR 0.00012 ITGA2



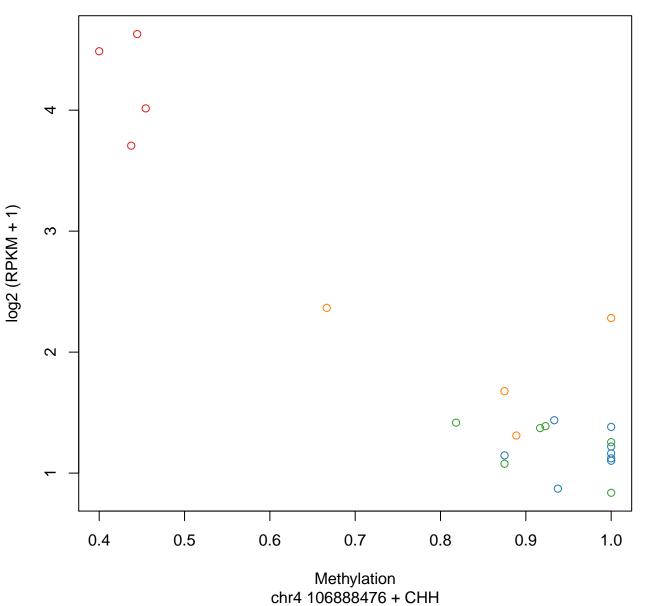
## gene 5150 FDR 1.15e-05 LYPD6B



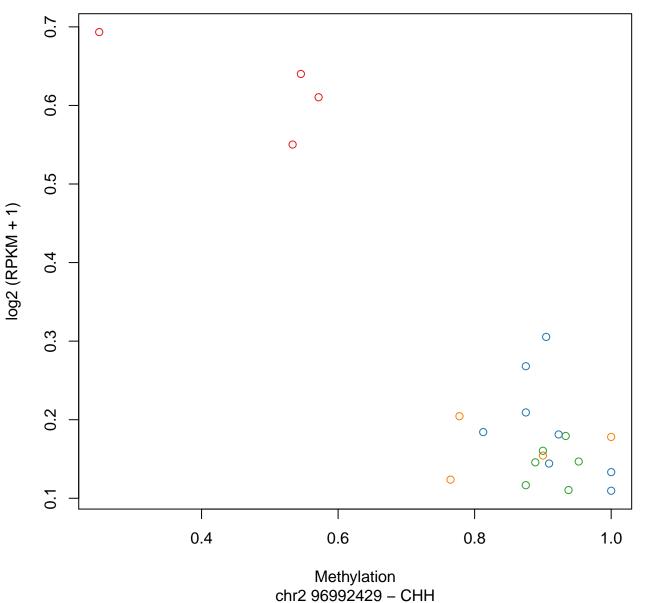
## gene 3434 FDR 4.69e-07 PXDN



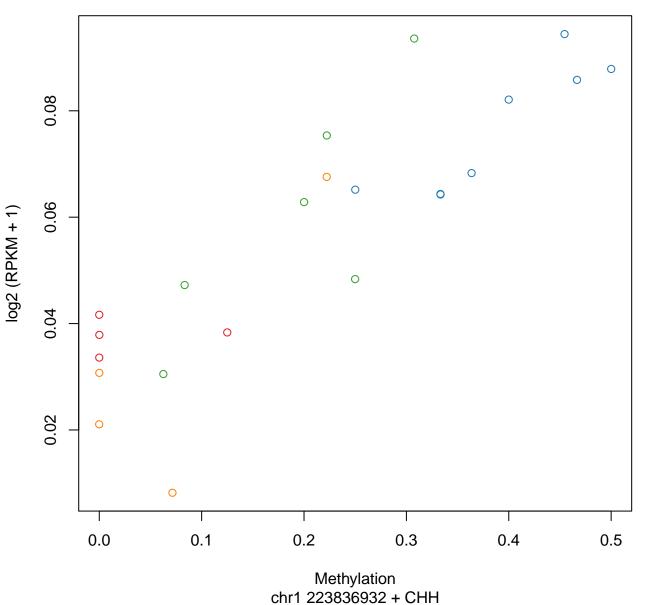
## gene 6851 FDR 4.81e-06 NPNT



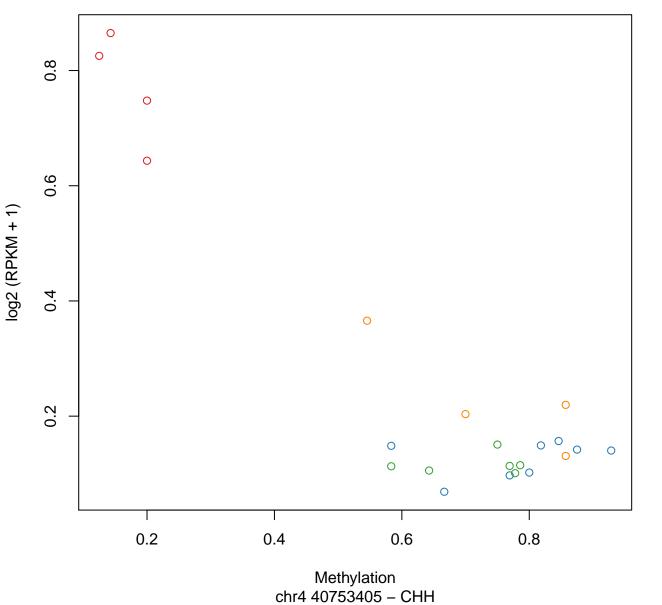
## gene 9359 FDR 8.74e-05 ITPRIPL1



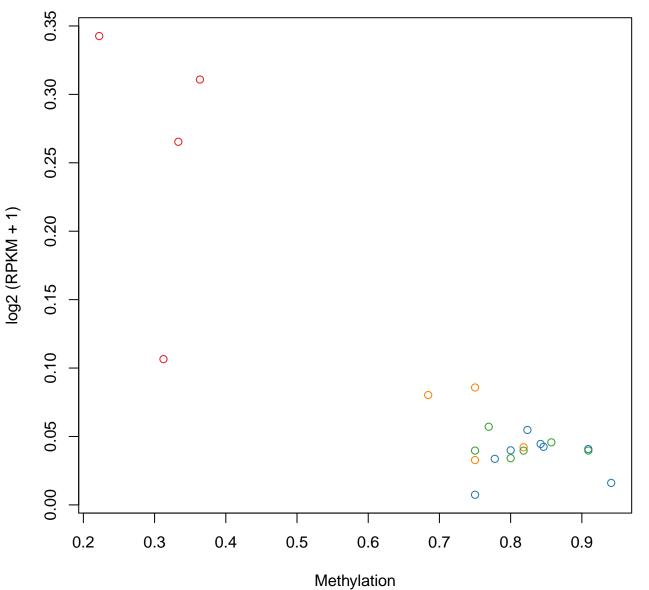
#### gene 9605 FDR 0.000581 CAPN8



## gene 7896 FDR 3.7e-05 NSUN7

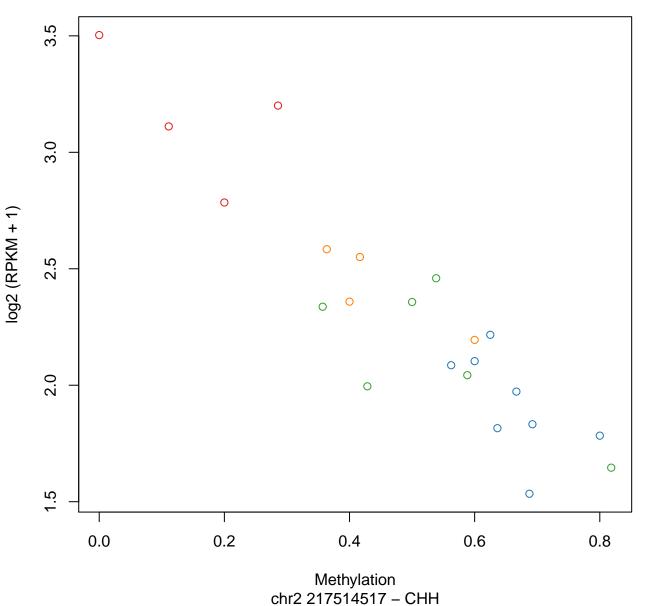


gene 2704 FDR 0.00053 KIF14

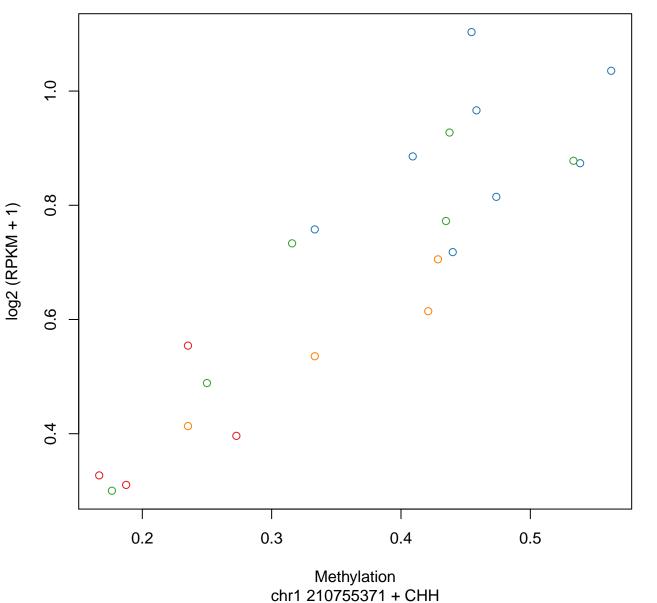


chr1 200560556 - CHH

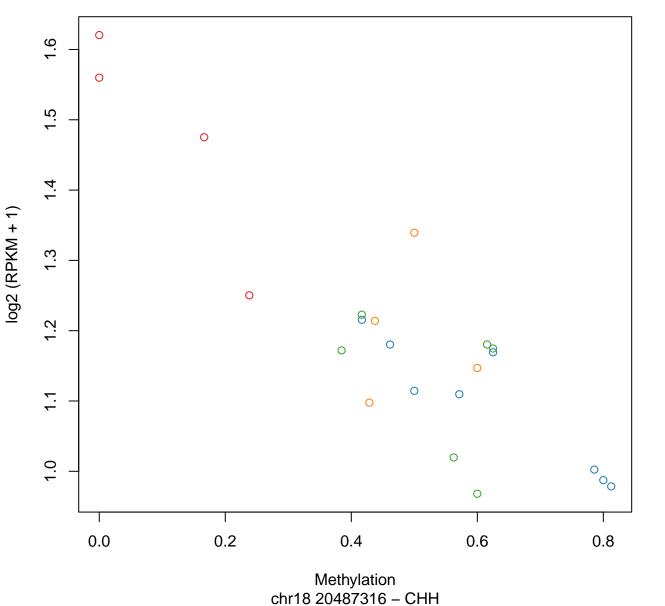
#### gene 2513 FDR 2.05e-05 IGFBP2



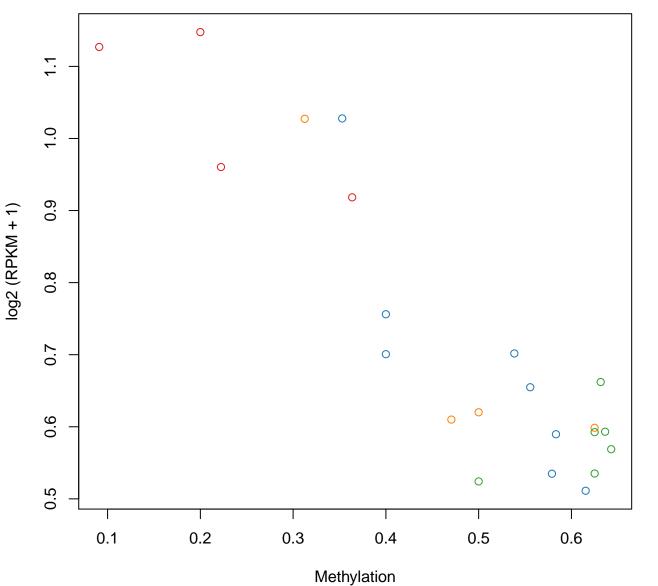
gene 434 FDR 0.000312 HHAT



#### gene 1495 FDR 0.000289 RBBP8

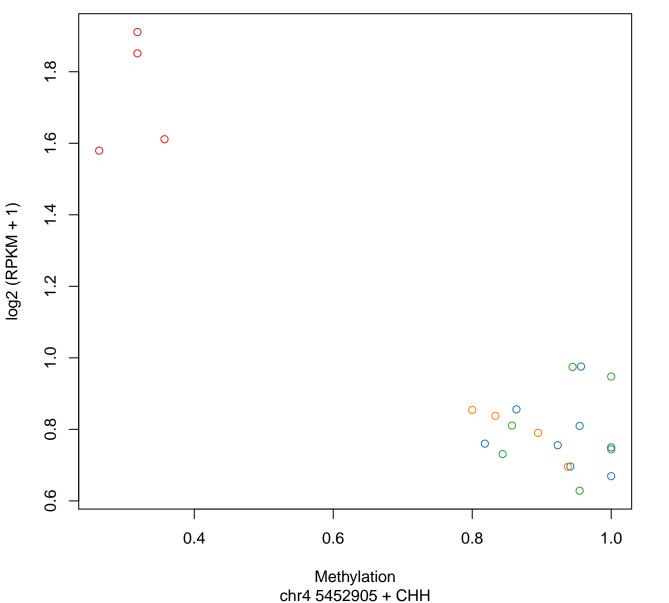


gene 5427 FDR 5.69e-05 DISP1

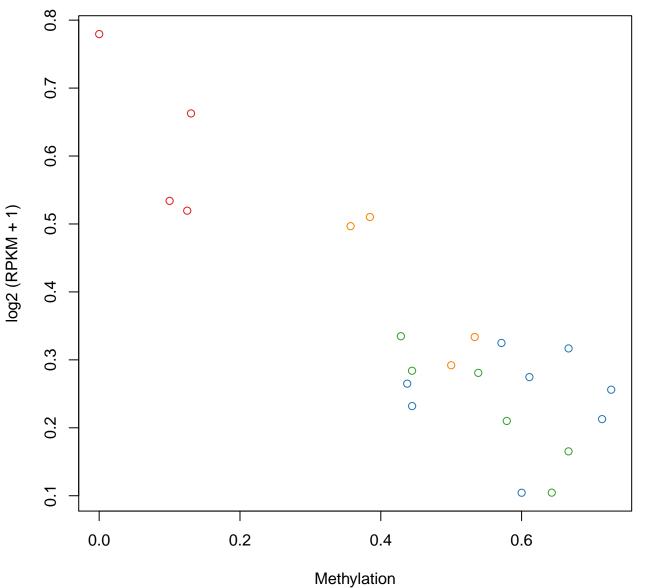


chr1 223163093 + CHH

## gene 5326 FDR 4.72e-06 STK32B

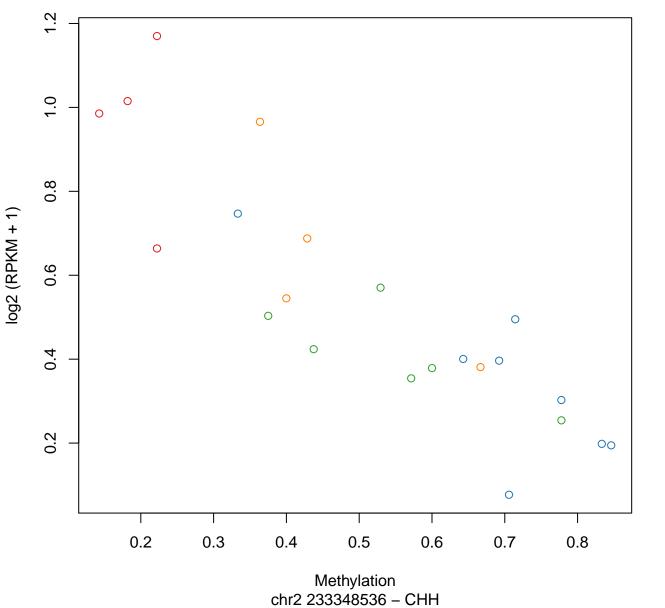


#### gene 4881 FDR 0.000584 KCNMB1

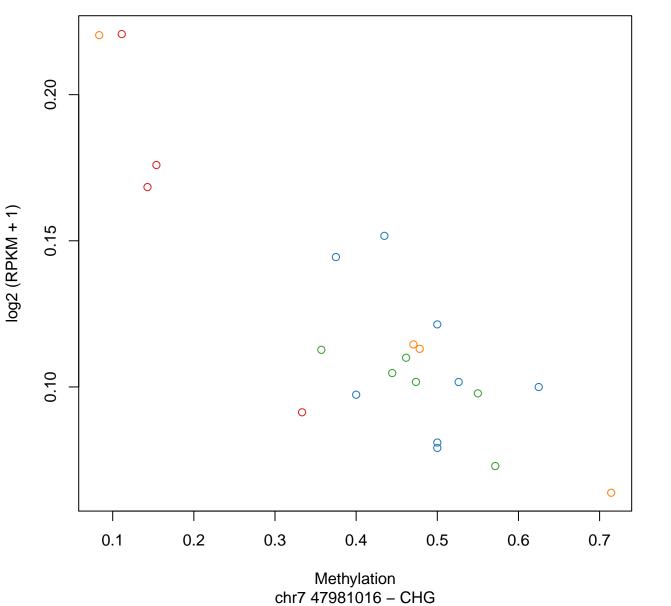


chr5 169807350 - CHH

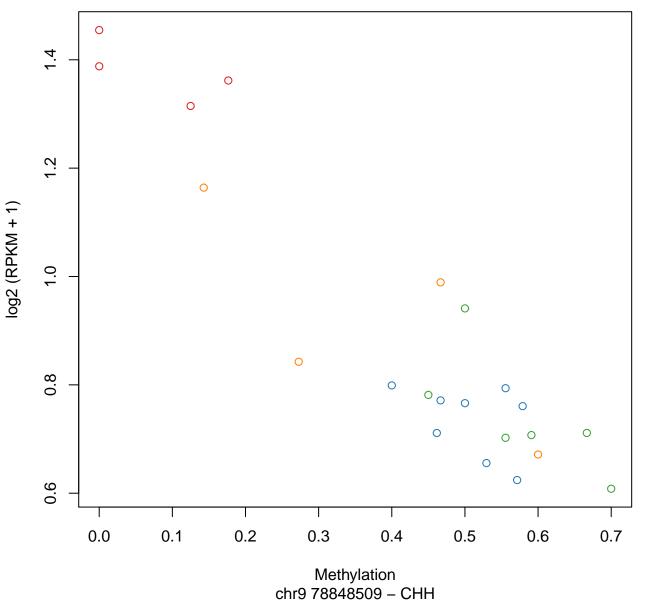
#### gene 7181 FDR 0.000716 ECEL1

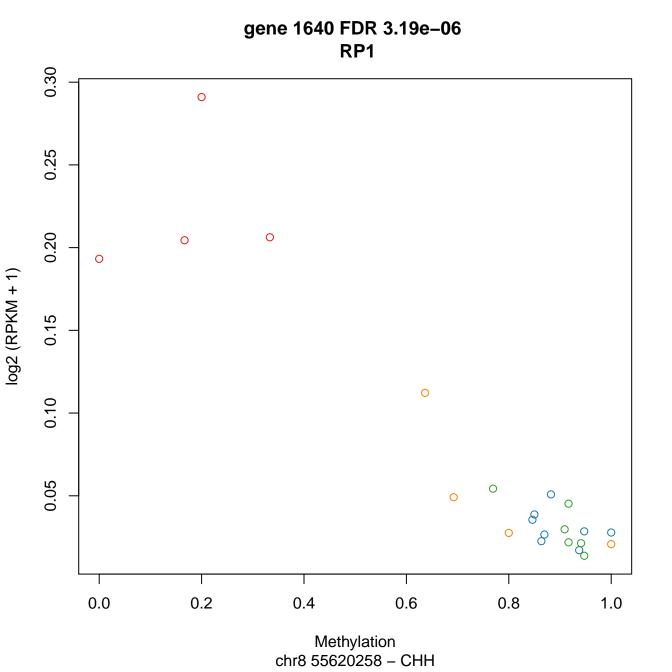


#### gene 5704 FDR 0.000764 PKD1L1

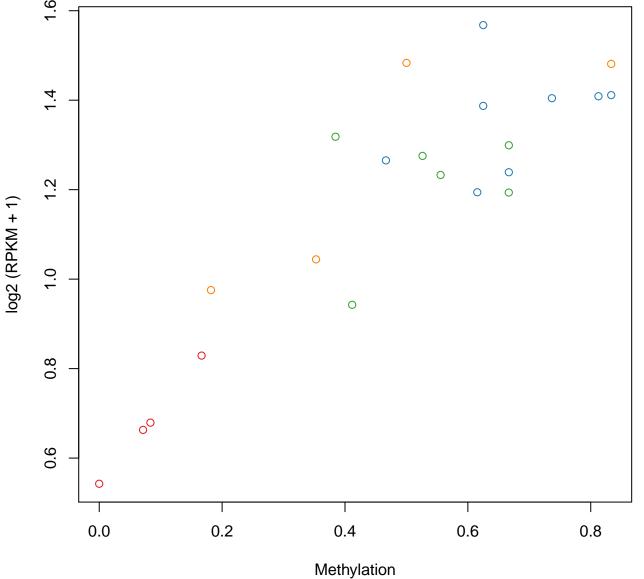


#### gene 1210 FDR 1.19e-05 PCSK5



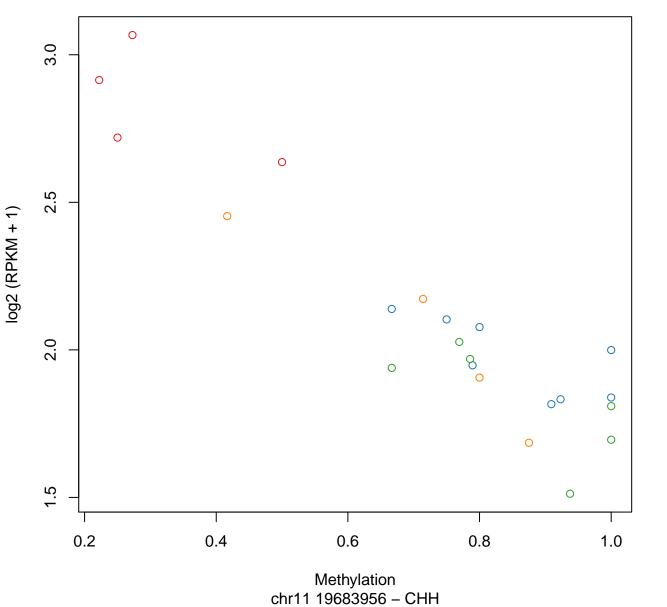


# gene 9298 FDR 0.000418 CCDC69

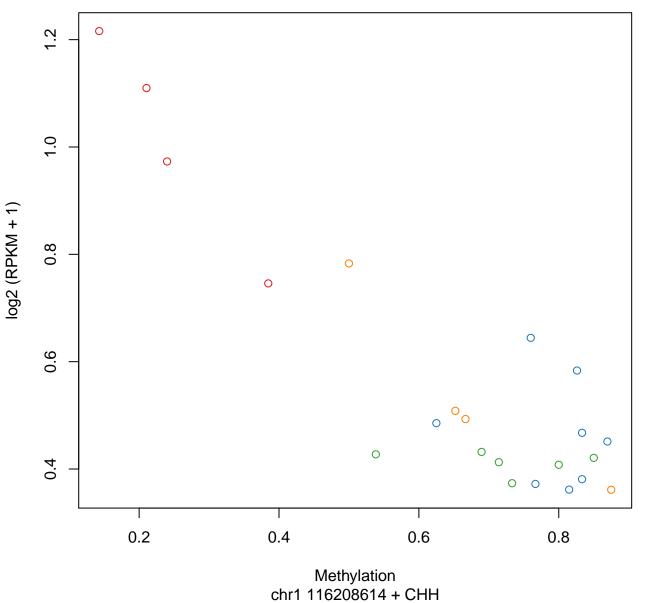


chr5 150565300 - CHG

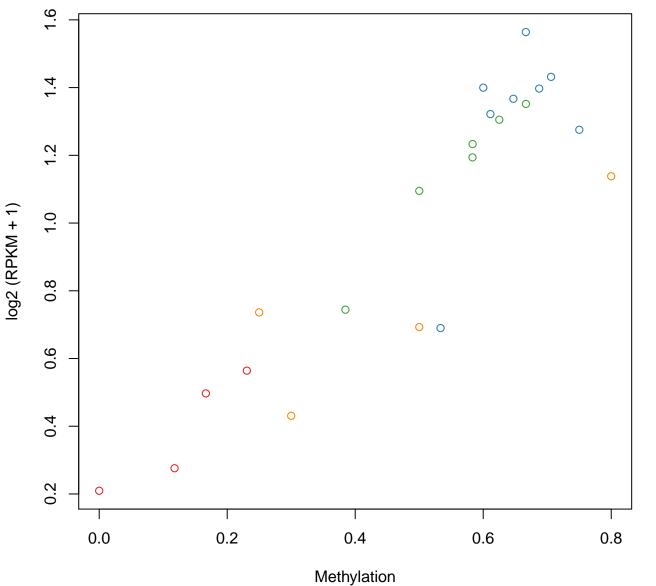
#### gene 6609 FDR 5.79e-06 NAV2



#### gene 7364 FDR 0.000145 VANGL1

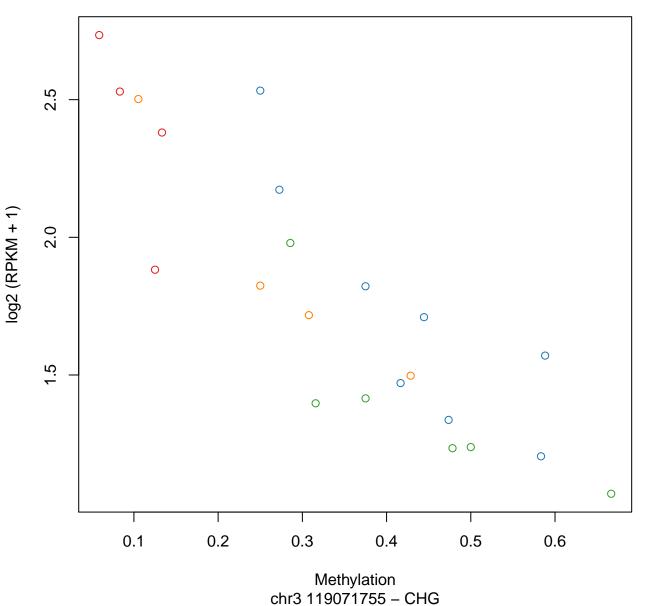


#### gene 10341 FDR 0.000103 CPEB1



chr15 83286364 + CHH

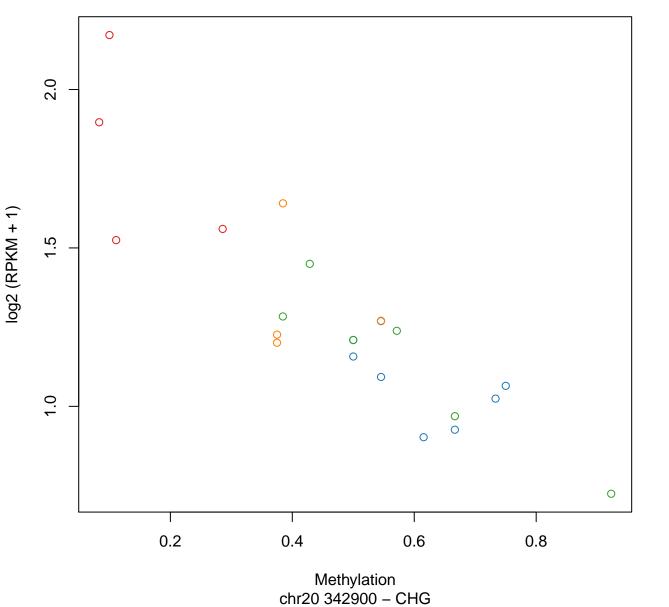
#### gene 284 FDR 0.000872 ARHGAP31



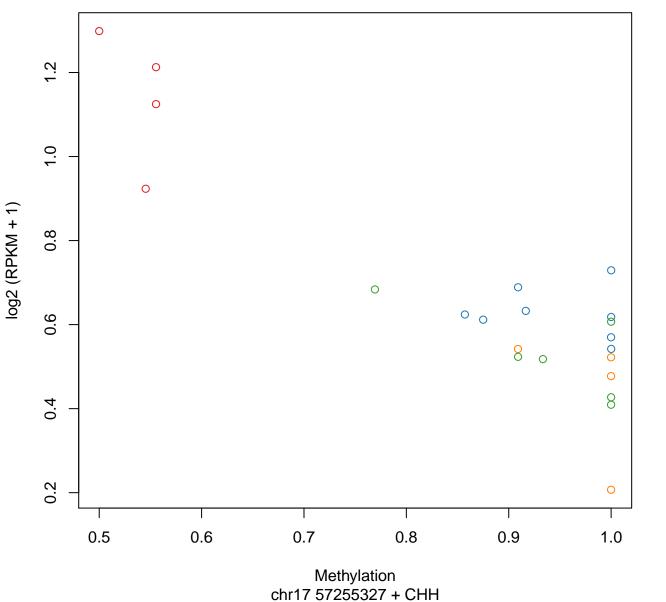
#### gene 3361 FDR 9.81e-06 LOXL1 0 0 1.0 0 0 0.8 log2 (RPKM + 1) 9.0 0 0 0 0 0.4 0 $\infty$ 0 0 0 0 0 0 0 0.2 0.2 0.4 0.6 8.0 1.0 Methylation

chr15 74222125 + CHH

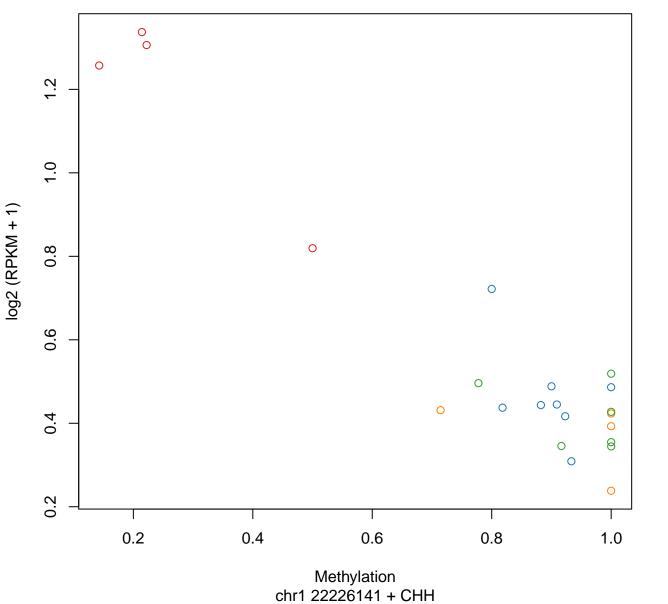
#### gene 1438 FDR 0.000366 TRIB3



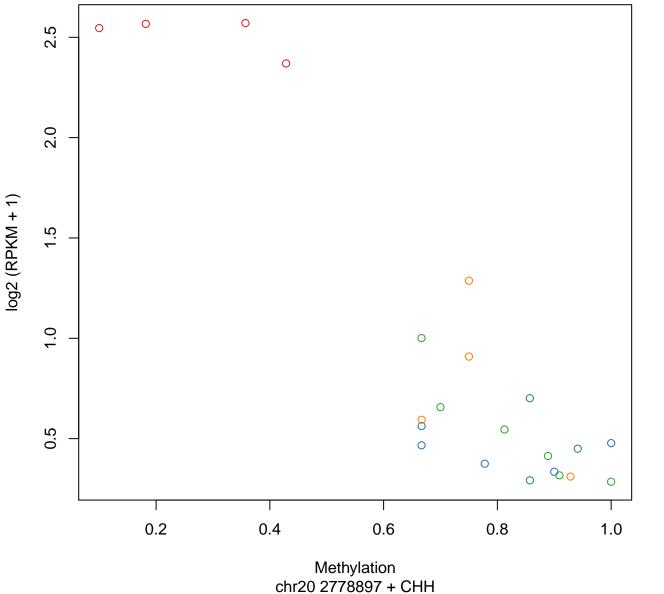
#### gene 619 FDR 0.00022 PRR11

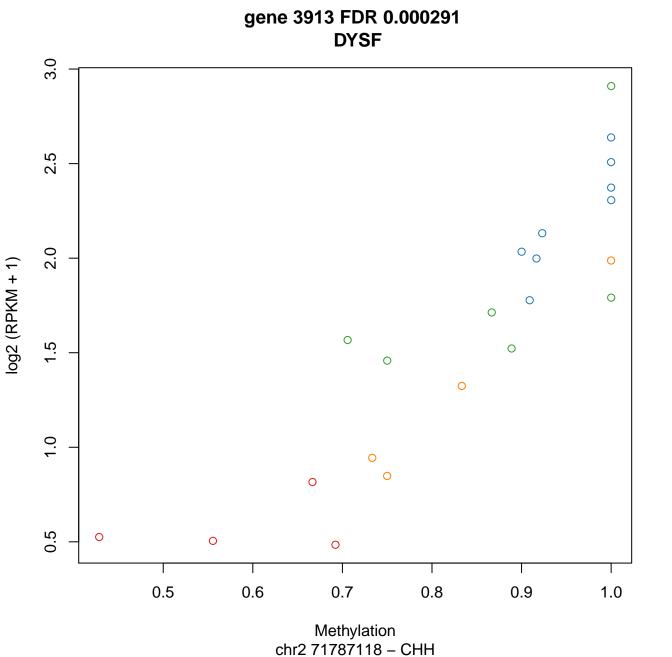


#### gene 4600 FDR 4.8e-07 HSPG2

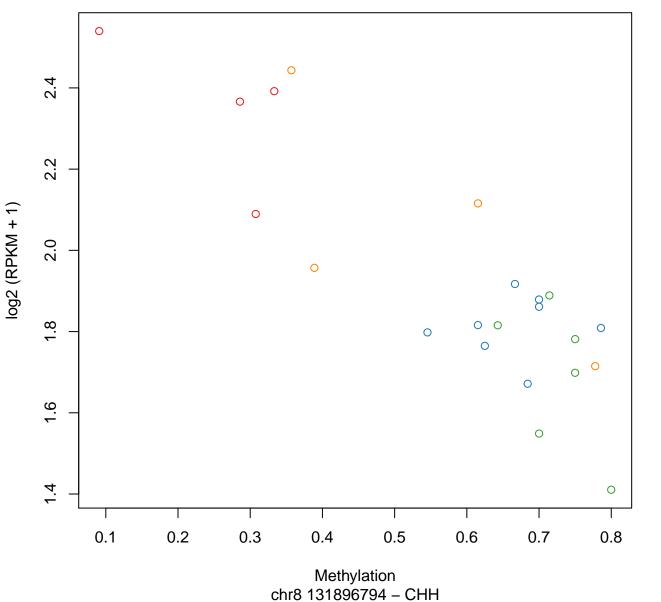


## gene 1054 FDR 4.77e-05 CPXM1

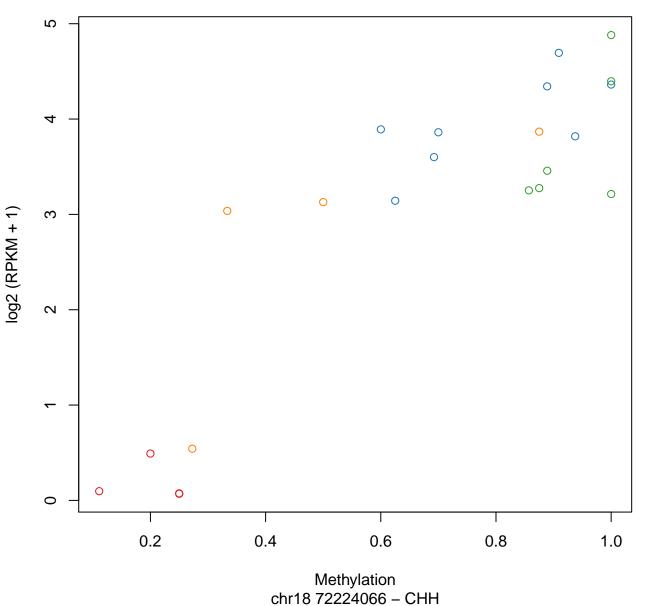




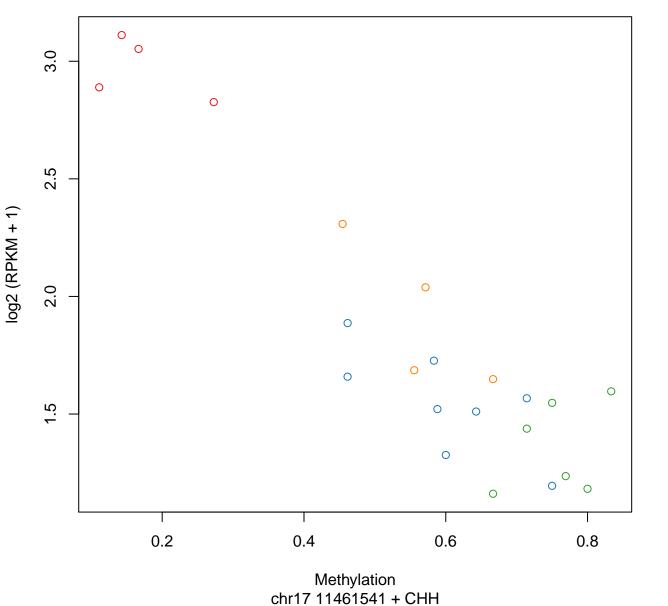
#### gene 5511 FDR 0.00129 ADCY8



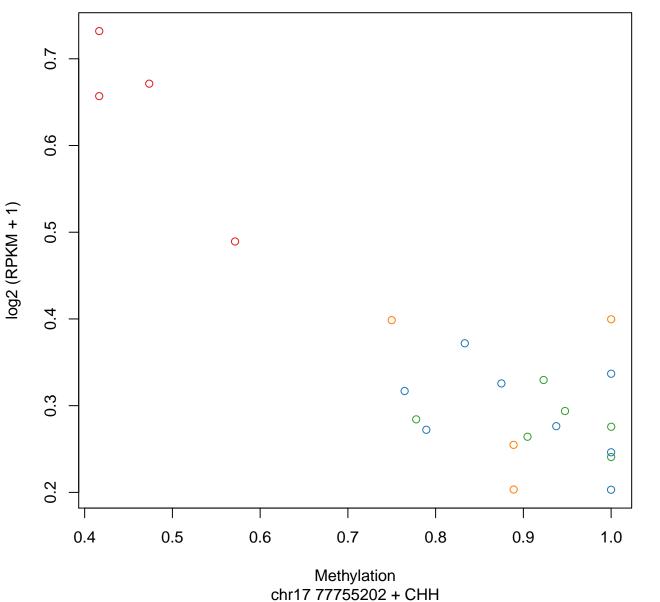
#### gene 5156 FDR 0.000448 CNDP1



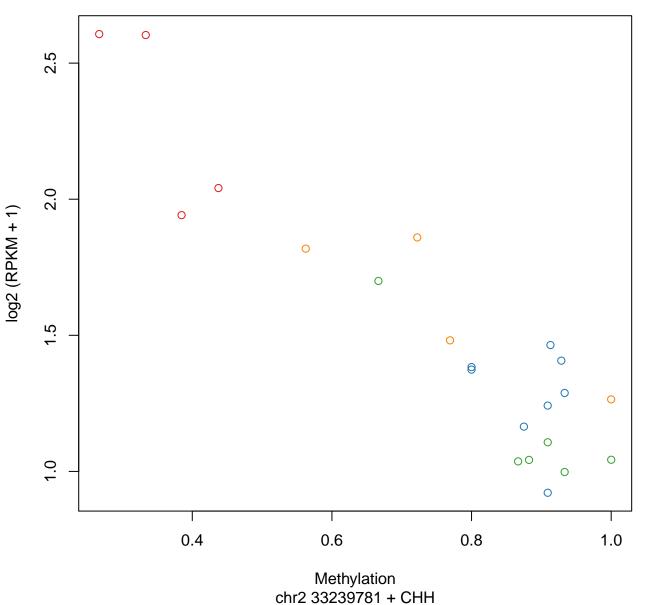
#### gene 8839 FDR 1.29e-05 SHISA6



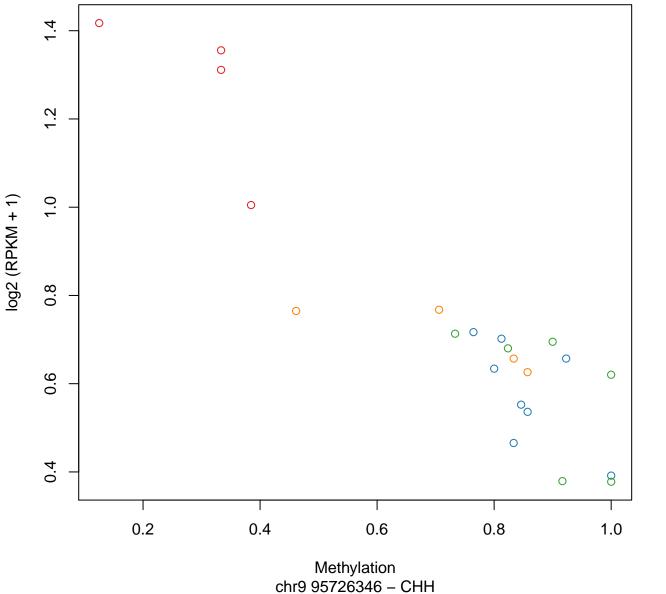
#### gene 7428 FDR 0.000412 CBX2



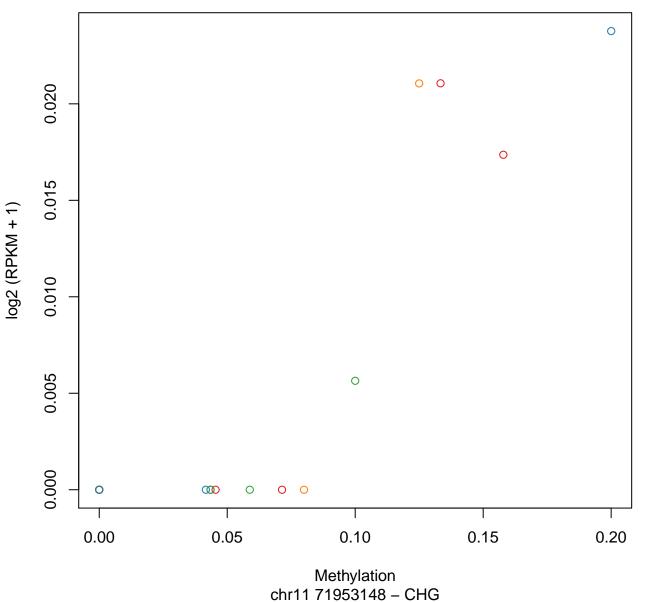
#### gene 388 FDR 1.14e-05 LTBP1



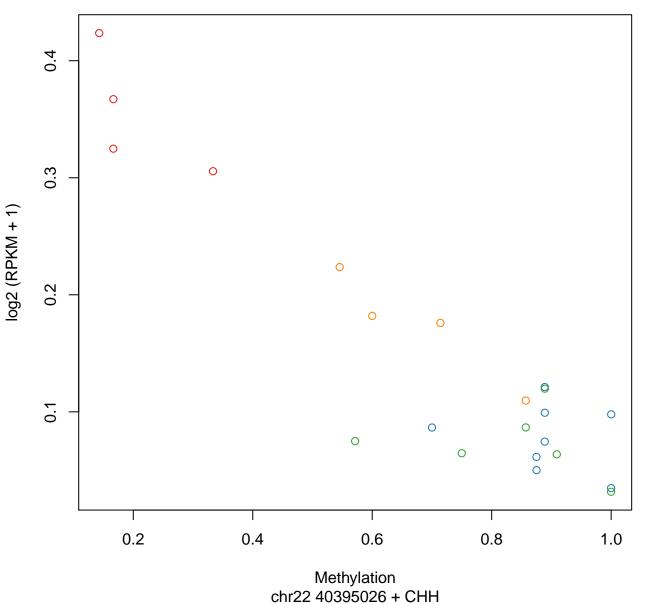
gene 3248 FDR 1.57e-05 FGD3



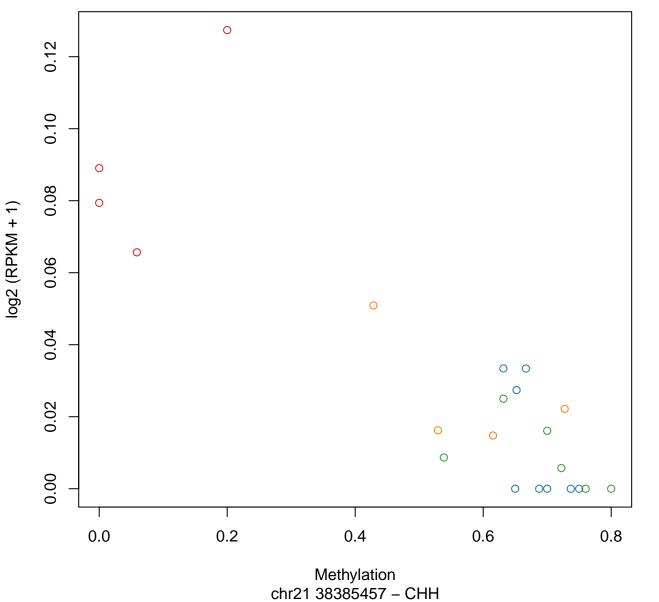
#### gene 6428 FDR 0.000879 PHOX2A



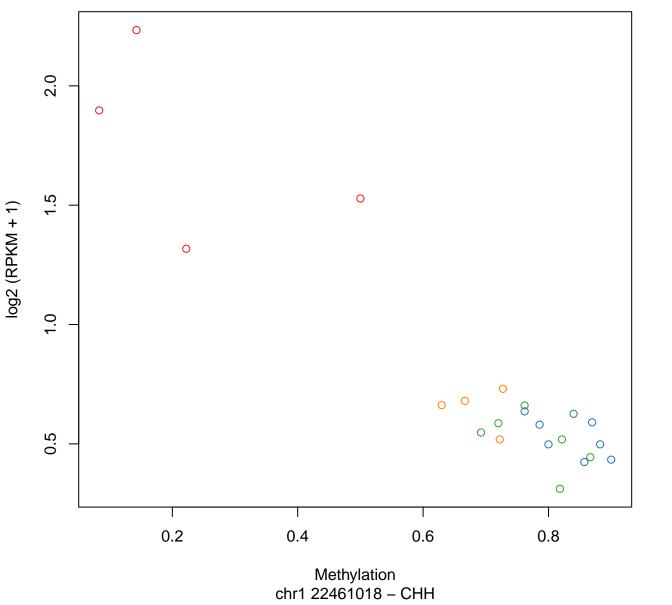
#### gene 3701 FDR 1.2e-05 FAM83F



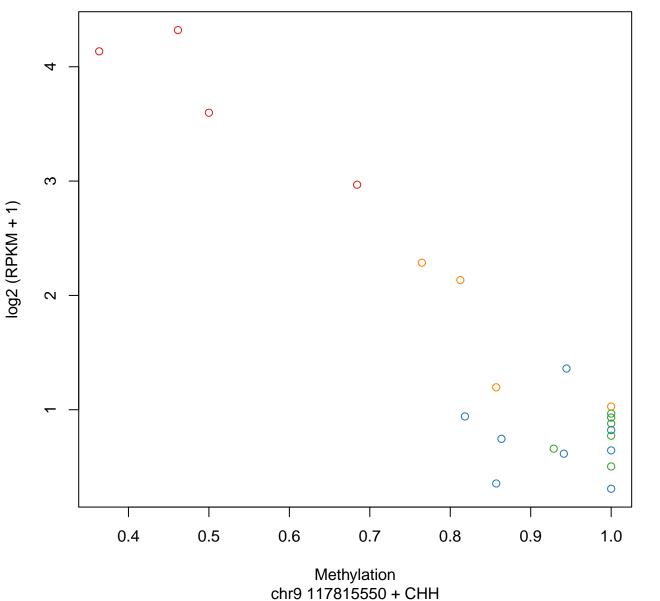
#### gene 8220 FDR 0.00119 RIPPLY3



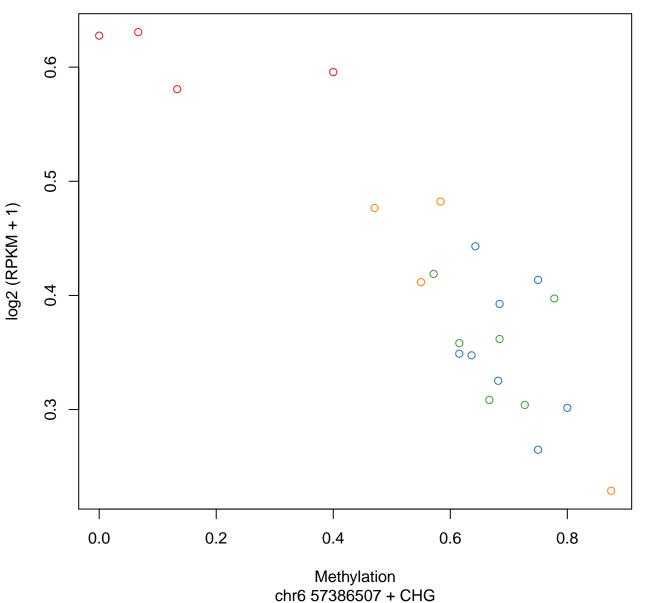
gene 5975 FDR 5.8e-06 WNT4



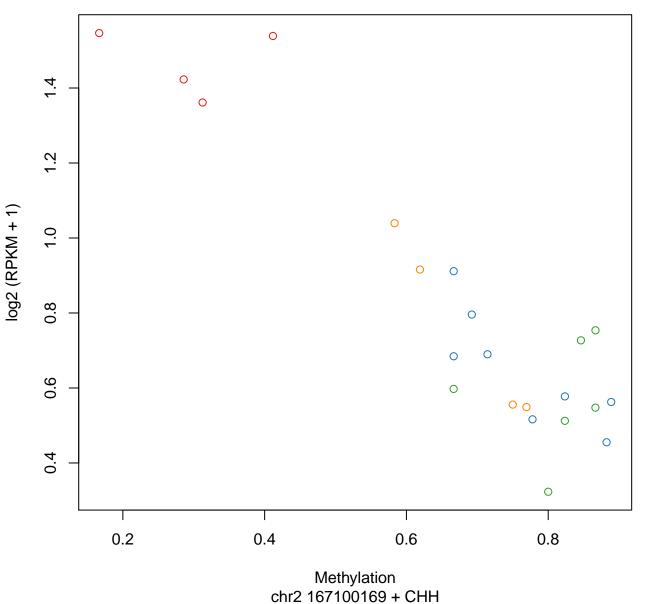
gene 338 FDR 4.66e-06 TNC



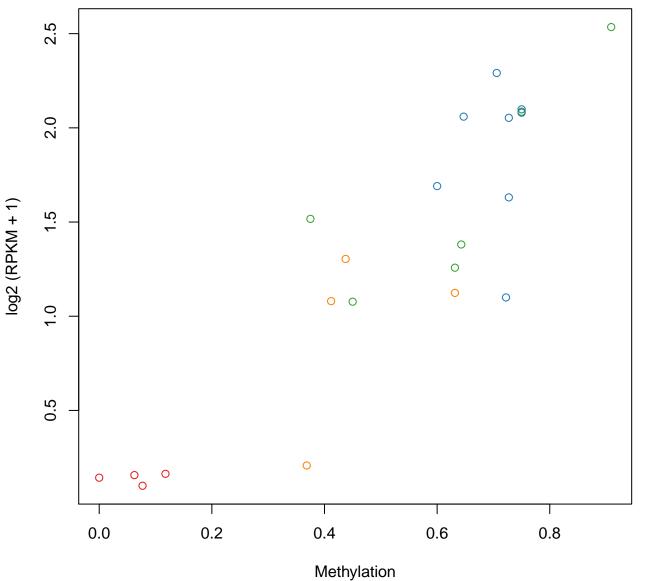
#### gene 4898 FDR 0.00018 PRIM2



#### gene 6936 FDR 2.03e-05 SCN9A

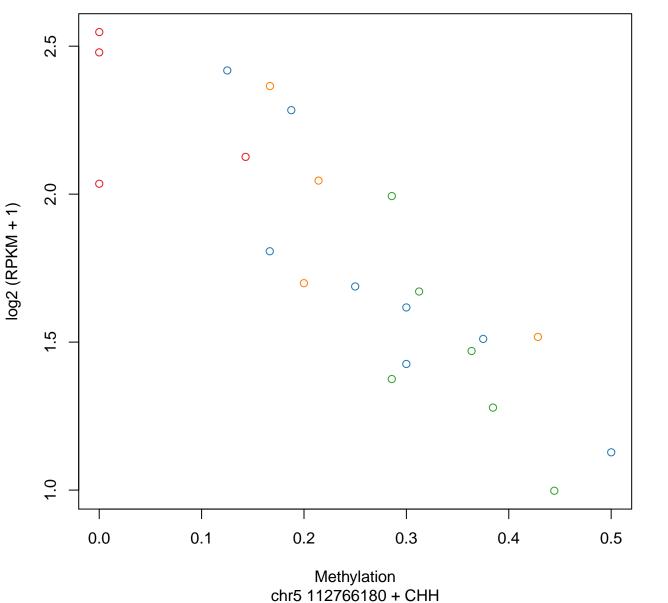


# gene 4963 FDR 0.000231 DOCK5

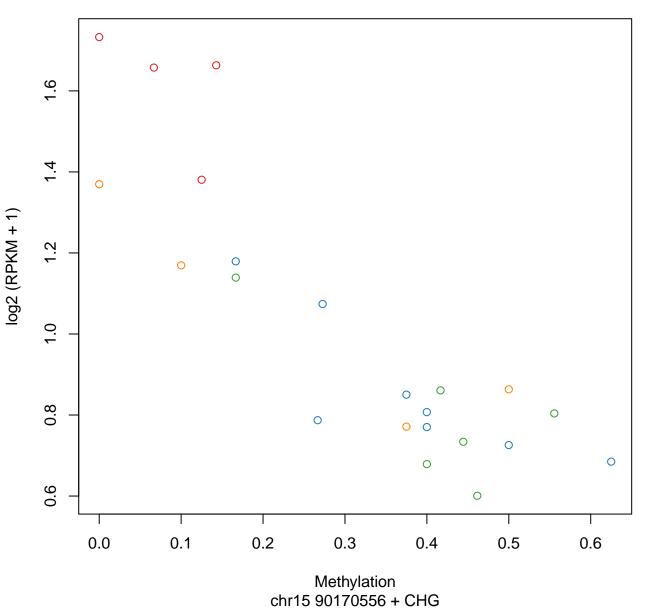


chr8 25243851 + CHH

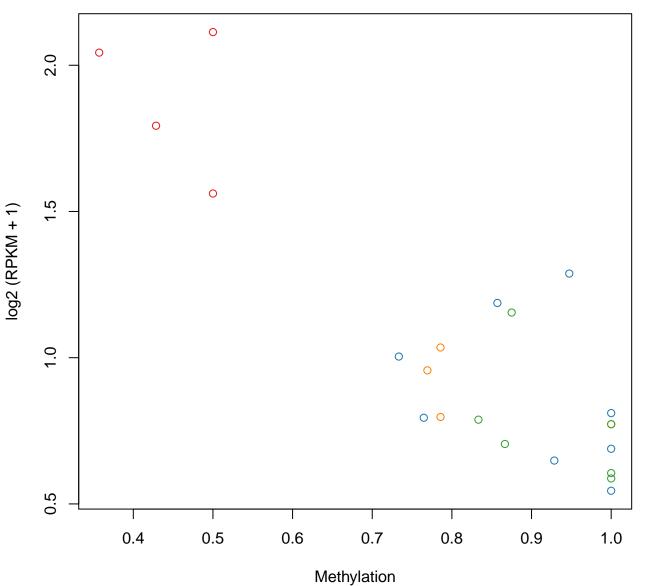
#### gene 7164 FDR 0.000857 MCC



#### gene 6605 FDR 0.000791 KIF7

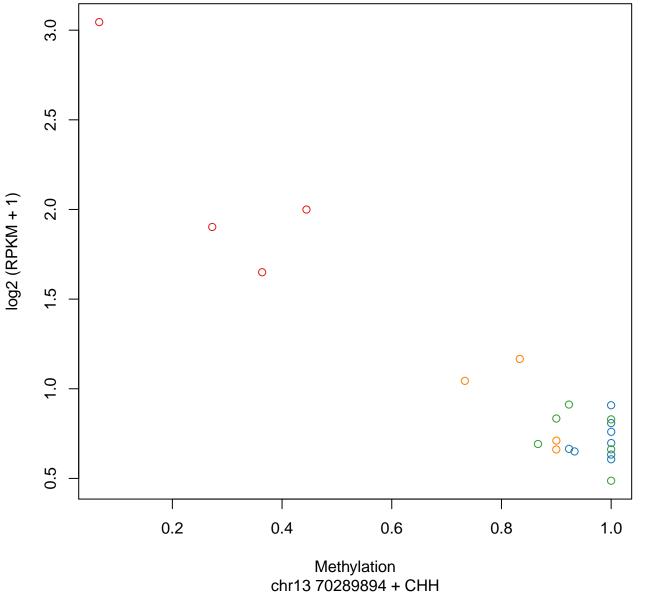


#### gene 9807 FDR 0.000731 SYCE1L

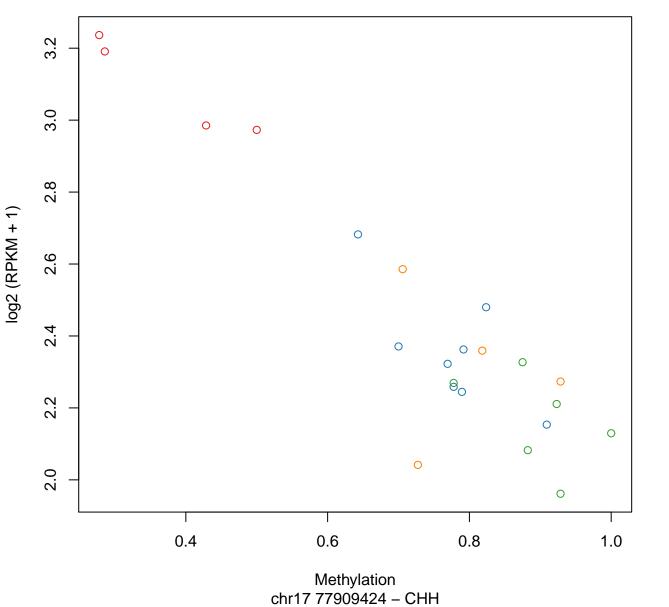


chr16 77245521 + CHH

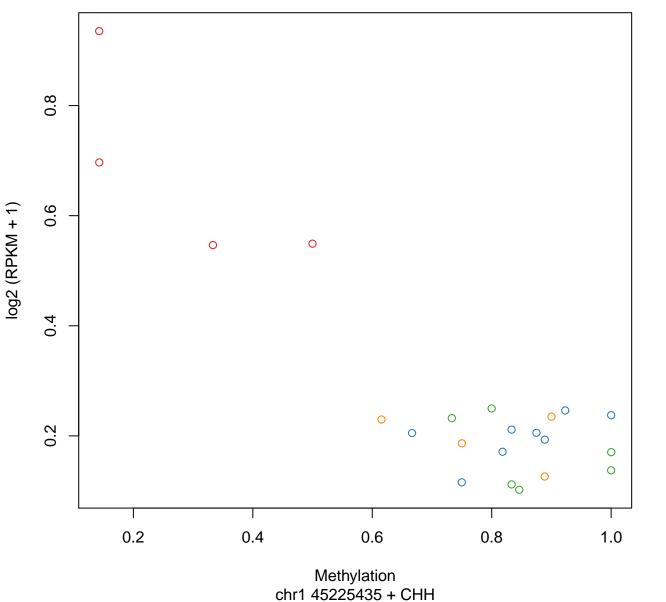
### gene 5142 FDR 3.57e-07 KLHL1



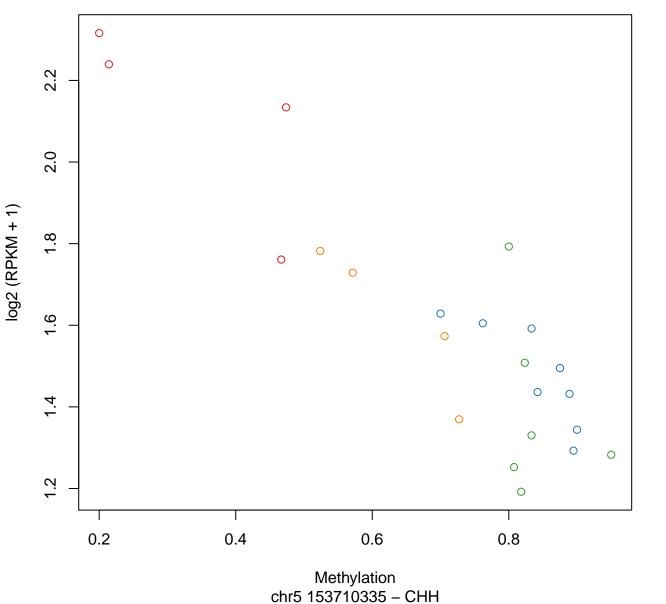
#### gene 6678 FDR 9.78e-06 TBC1D16



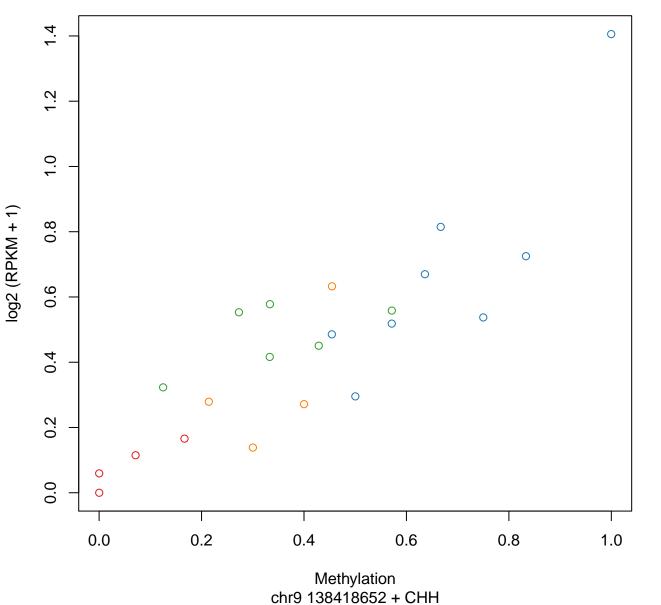
#### gene 4603 FDR 0.000305 KIF2C



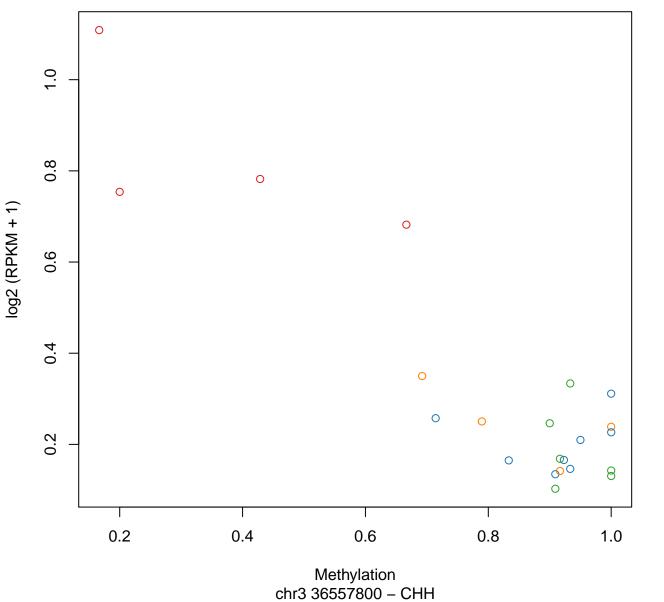
#### gene 6322 FDR 0.000168 GALNT10



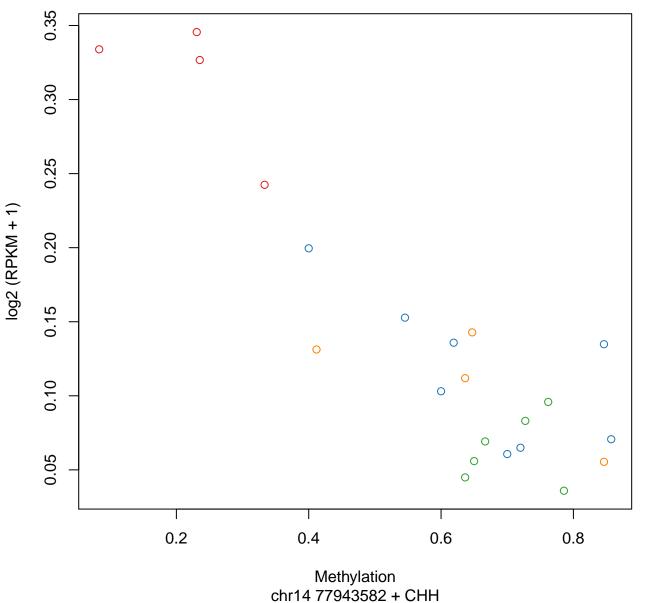
#### gene 5831 FDR 0.00153 LCN1



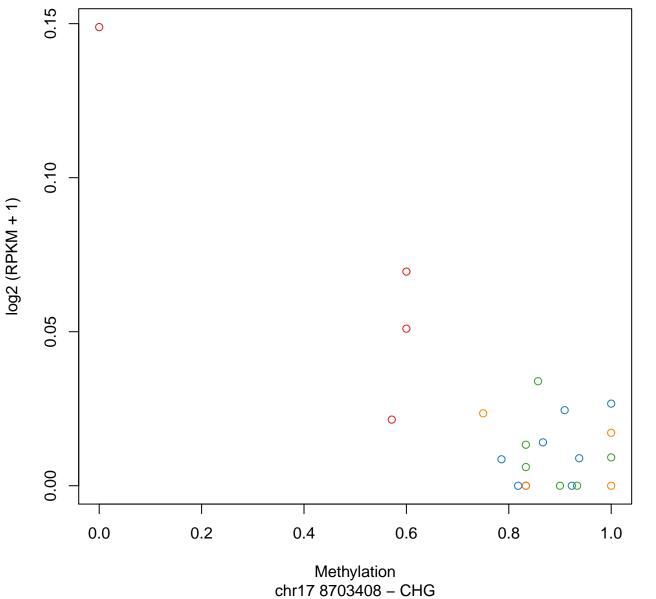
### gene 4774 FDR 8.58e-05 STAC



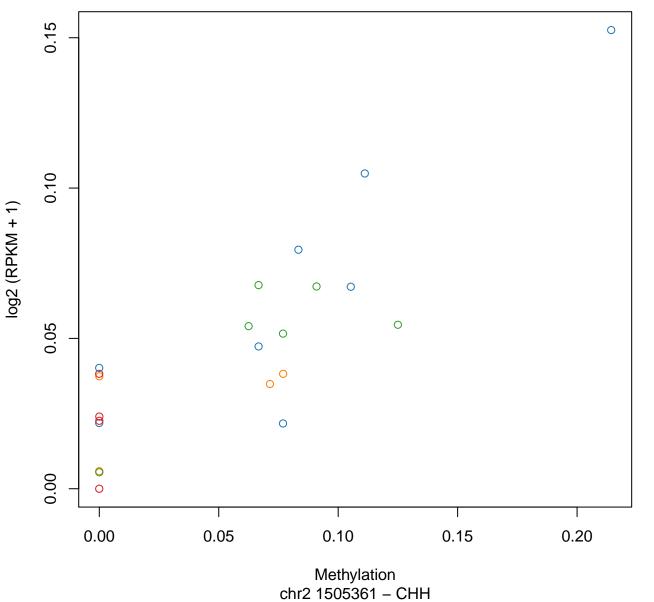
gene 1357 FDR 0.000235 ISM2



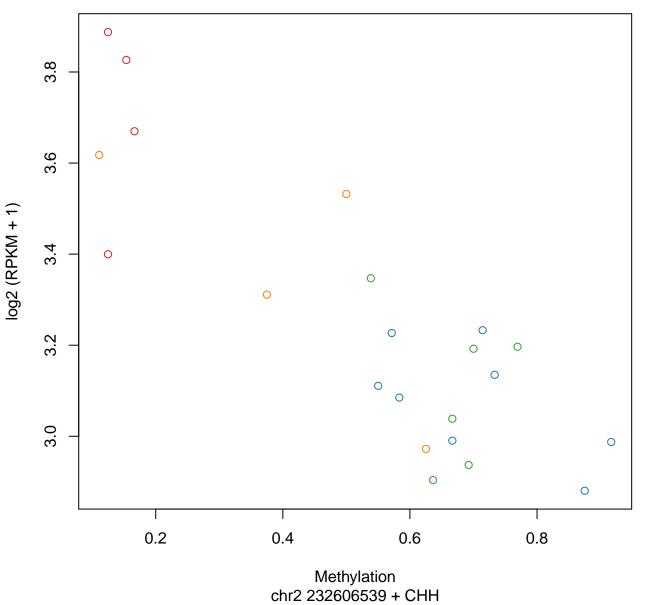
# gene 8446 FDR 0.000851 MFSD6L



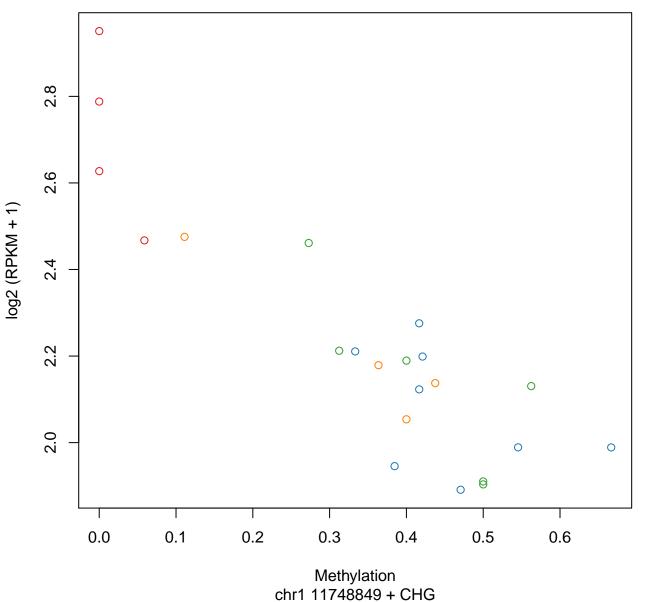
### gene 2539 FDR 0.00225 TPO



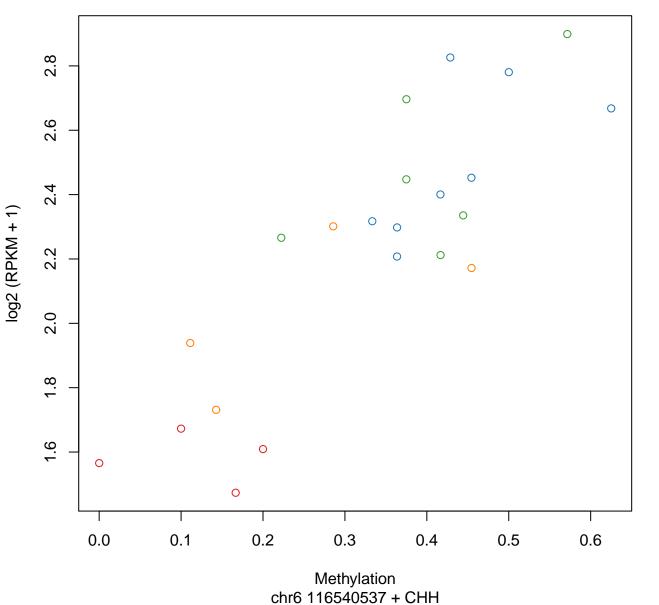
### gene 5581 FDR 0.00232 PDE6D



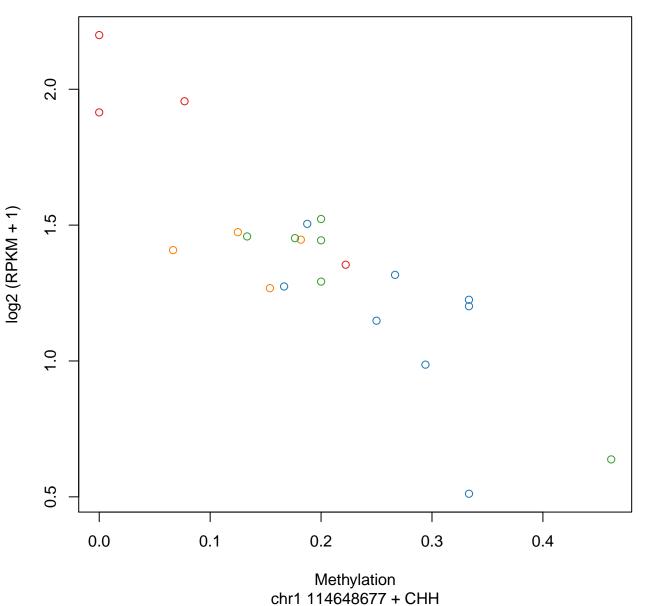
### gene 2602 FDR 0.000193 MAD2L2



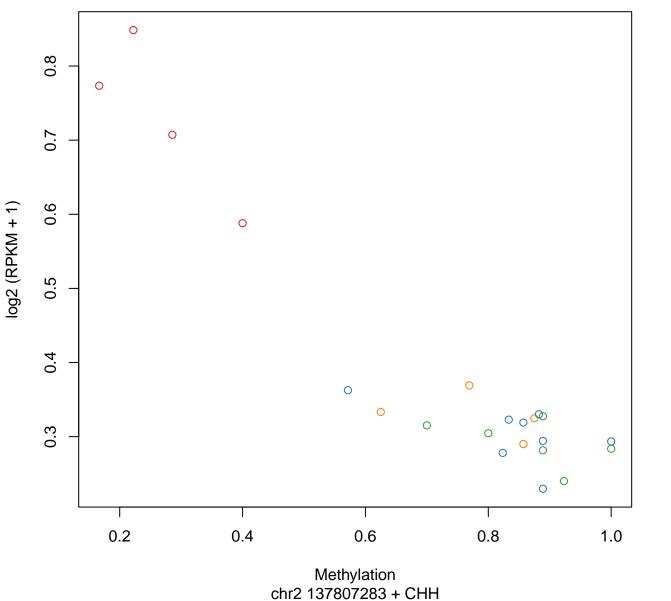
### gene 7822 FDR 0.00201 NT5DC1



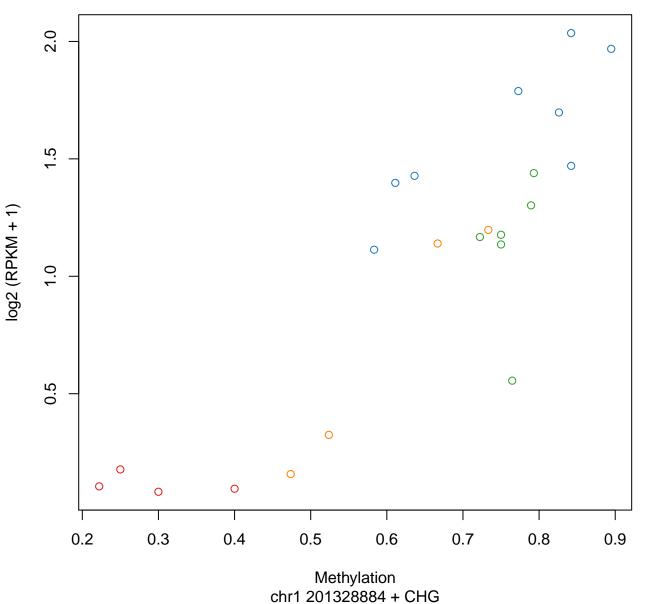
#### gene 3756 FDR 0.00147 SYT6



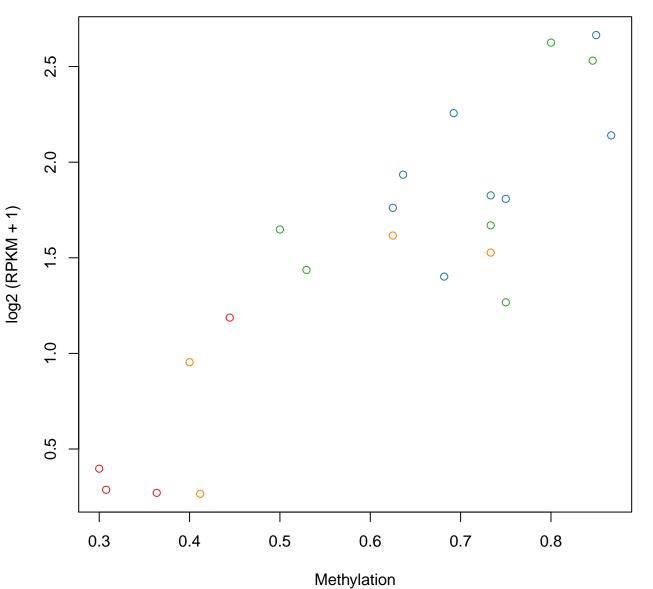
## gene 4732 FDR 3.18e-06 THSD7B



### gene 2705 FDR 0.00111 TNNT2

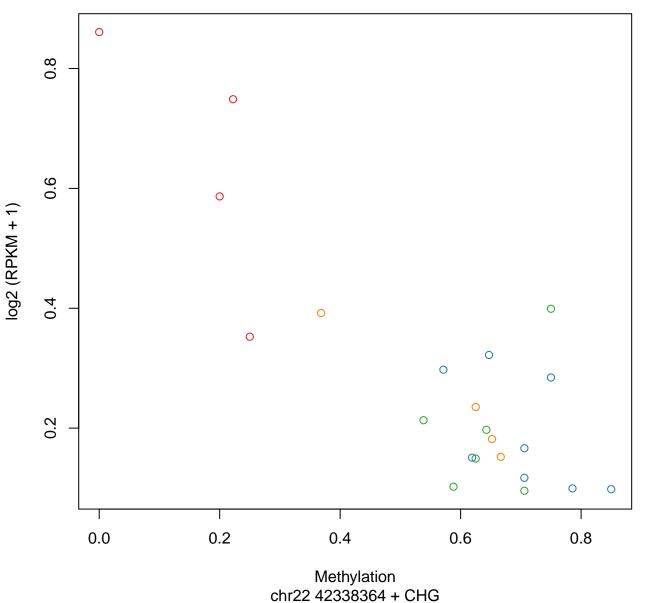


gene 4967 FDR 0.00059 ST18



chr8 53352527 + CHH

### gene 1273 FDR 0.0023 CENPM

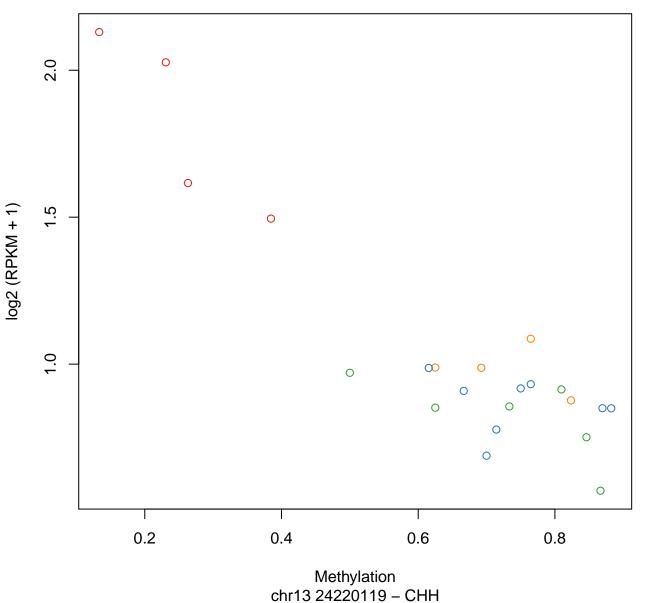


#### CDH<sub>6</sub> 2.4 0 0 2.2 0 2.0 0 0 log2 (RPKM + 1) 0 0 1.8 0 0 0 1.6 0 0 00 0 0 0 0 0 0 0 0.0 0.1 0.2 0.3 0.4 0.5 0.6

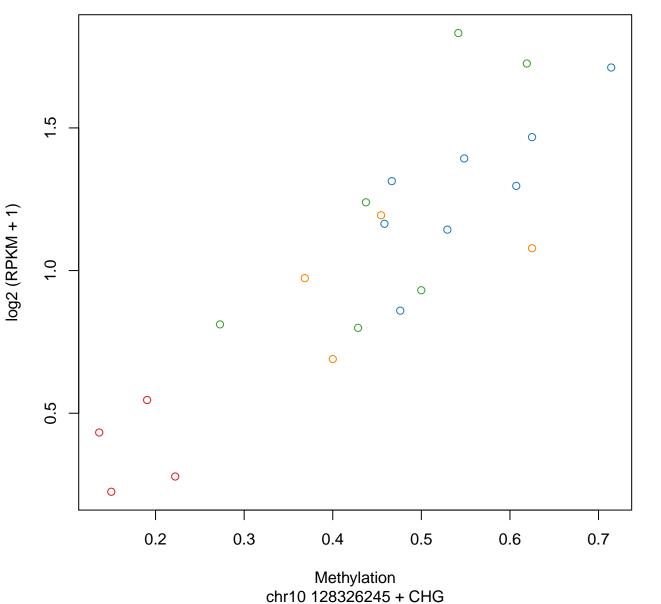
Methylation chr5 31244045 – CHH

gene 2367 FDR 0.00107

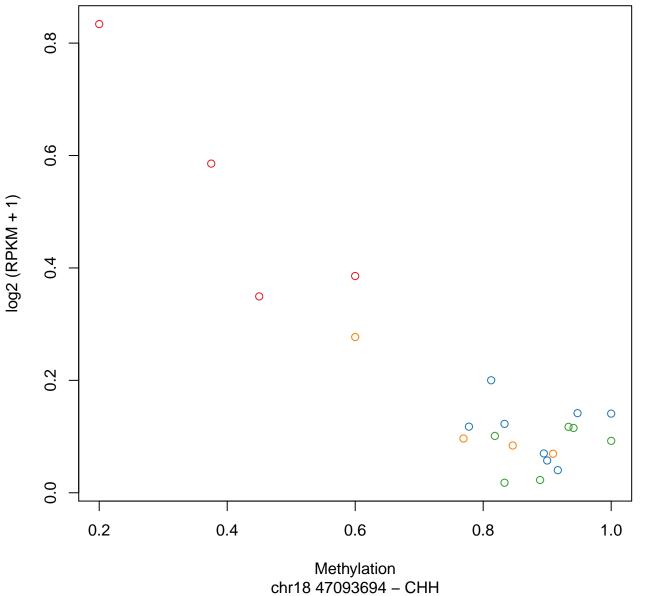
### gene 3286 FDR 6.32e-05 TNFRSF19



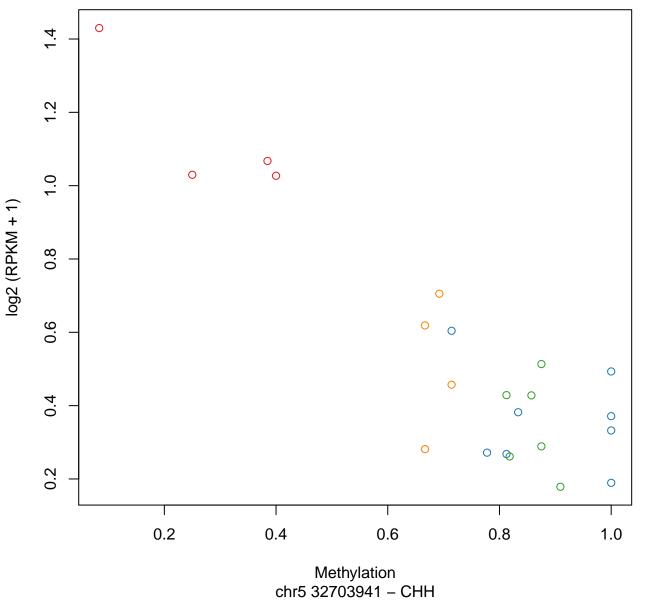
### gene 5440 FDR 0.00119 C10orf90



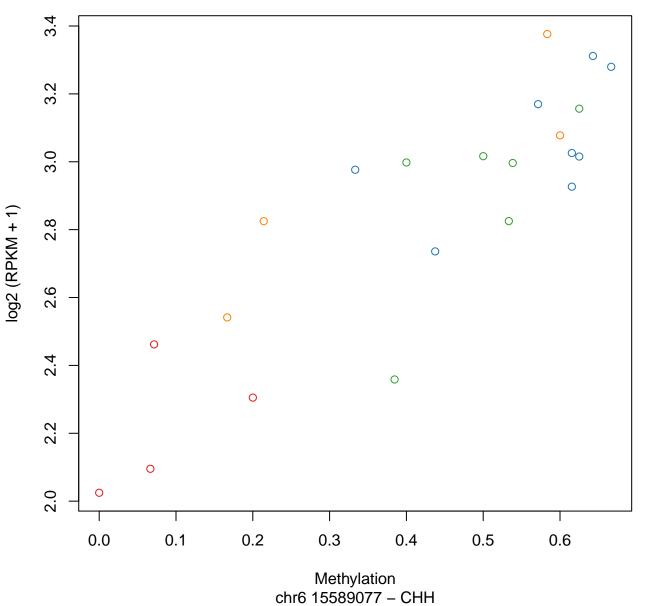
# gene 1489 FDR 3.33e-05 LIPG



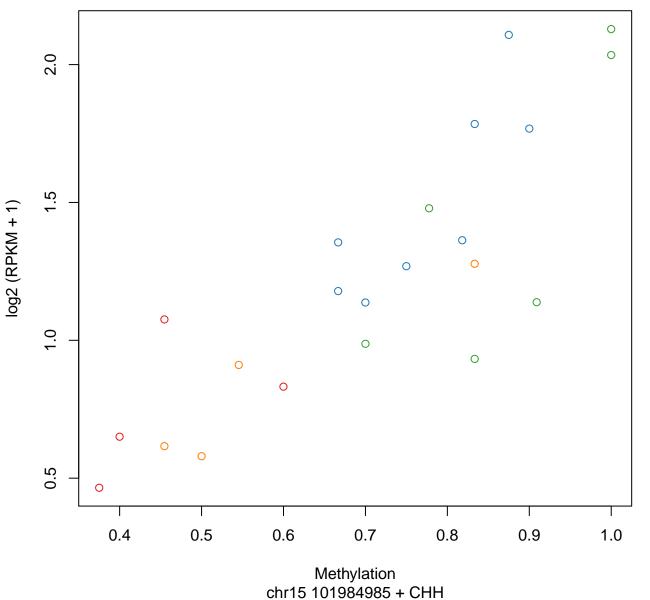
# gene 2372 FDR 0.000145 NPR3



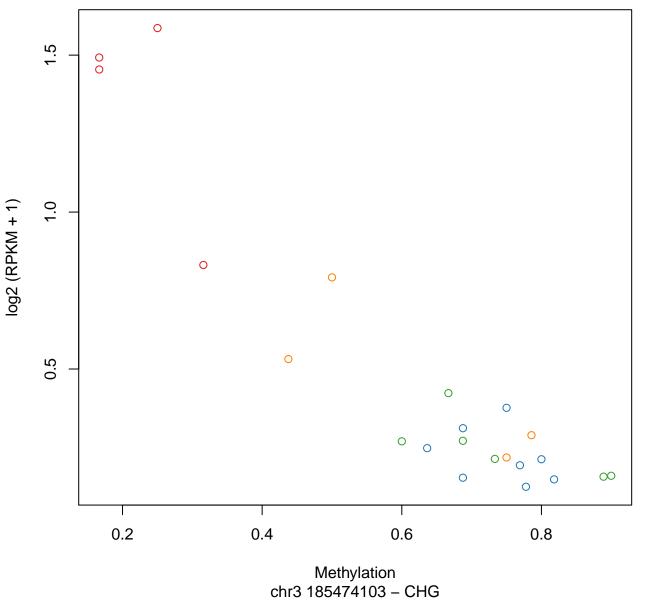
### gene 365 FDR 0.000996 DTNBP1



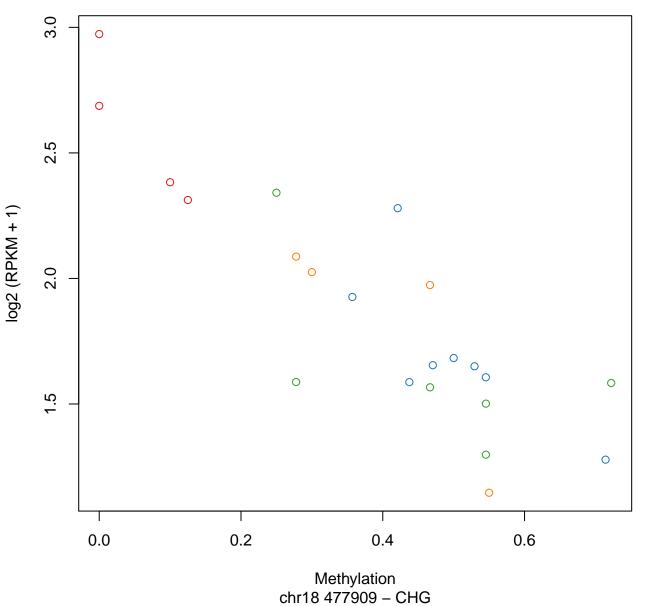
# gene 4411 FDR 0.00331 PCSK6



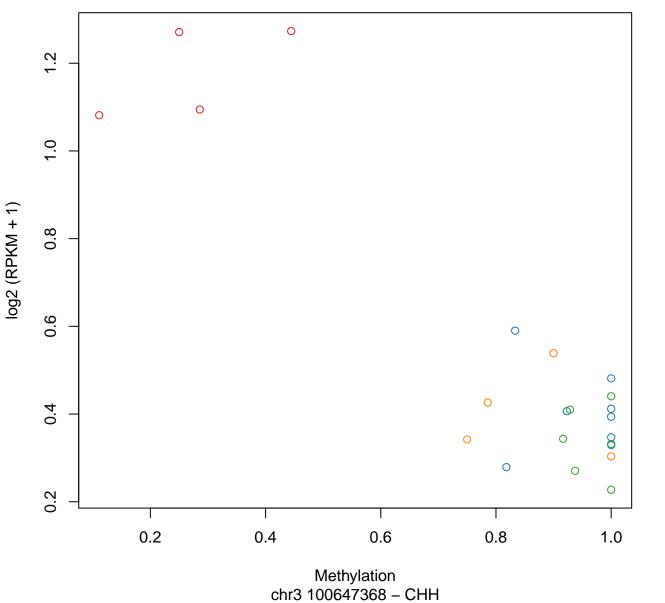
# gene 743 FDR 6.97e-06 IGF2BP2



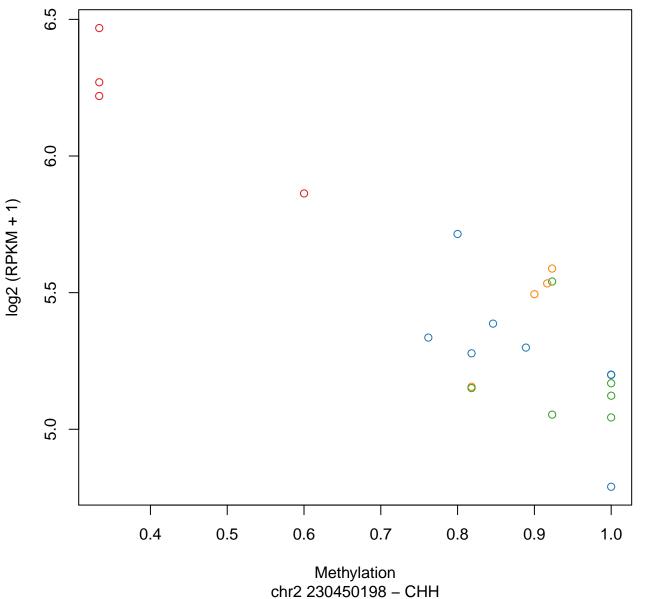
### gene 5681 FDR 0.000973 COLEC12



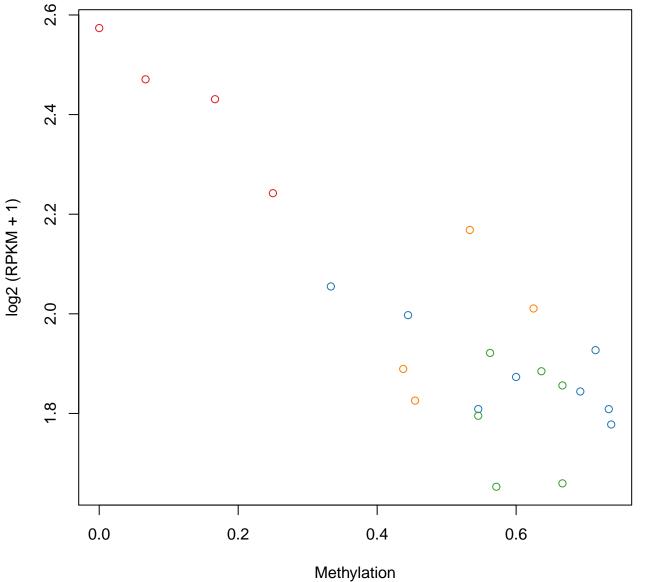
### gene 5412 FDR 9.55e-05 ABI3BP



## gene 8747 FDR 0.000245 DNER

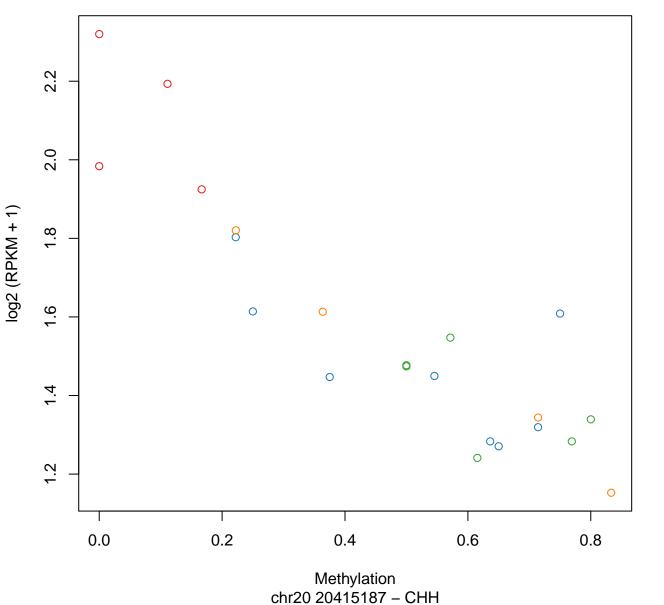


# gene 2976 FDR 0.00108 TRIM24

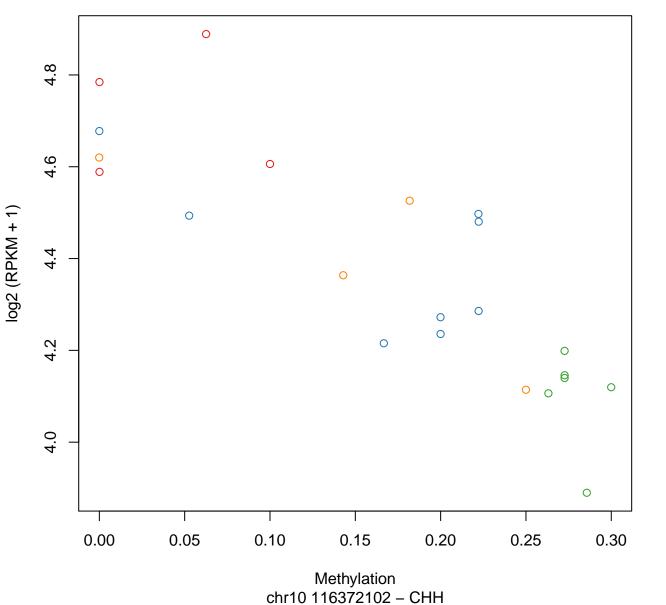


chr7 138161938 + CHH

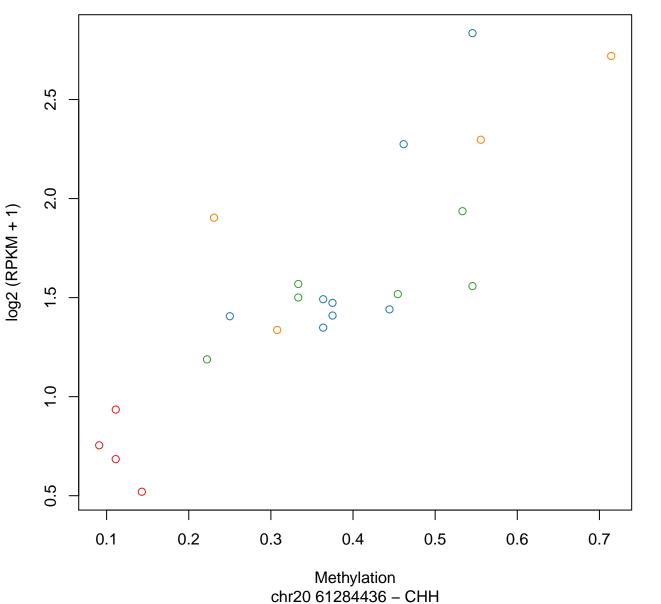
### gene 8810 FDR 0.000183 RALGAPA2



### gene 1211 FDR 0.00269 ABLIM1



### gene 1422 FDR 0.00327 SLCO4A1



#### gene 7290 FDR 0.000693 GNG12

