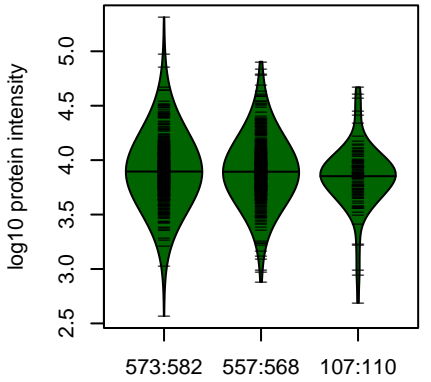
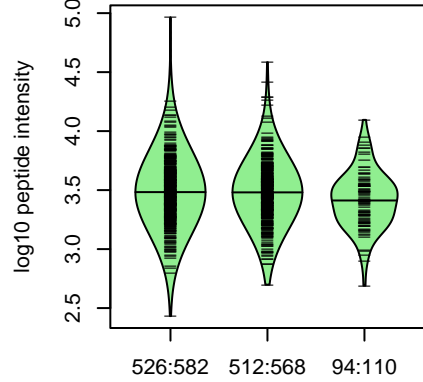


**HDGF : NP2
P51858**



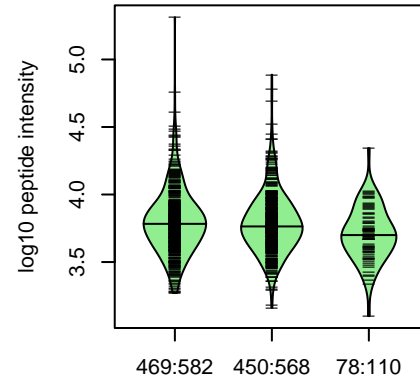
1:156711623:C:A_A
p = 0.25, beta = -0.0508, N = 1237

**EAENPEGEEK pc2
P51858-2;P51858-3;P51858**



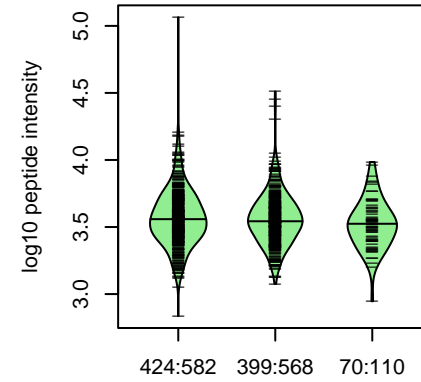
1:156711623:C:A_A
p = 0.053, beta = -0.0901, N = 1132

**YQVFFFGTHETAFLGPK pc3
P51858-2;P51858-3;P51858**



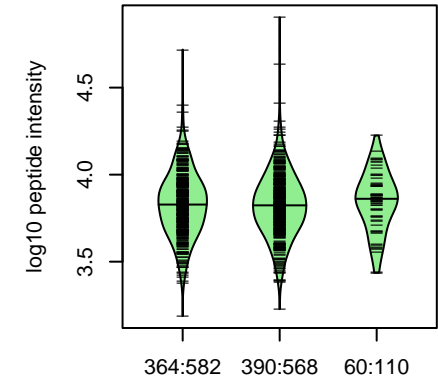
1:156711623:C:A_A
p = 0.032, beta = -0.107, N = 997

**EAATLEVERPLPMEVEK pc3
P51858-2;P51858-3;P51858**



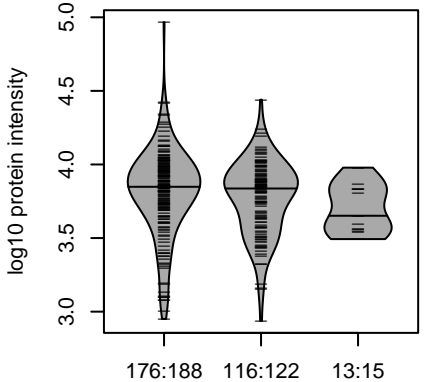
1:156711623:C:A_A
p = 0.26, beta = -0.0596, N = 893

**AGDLLDSPK pc2
P51858-2;P51858-3;P51858**



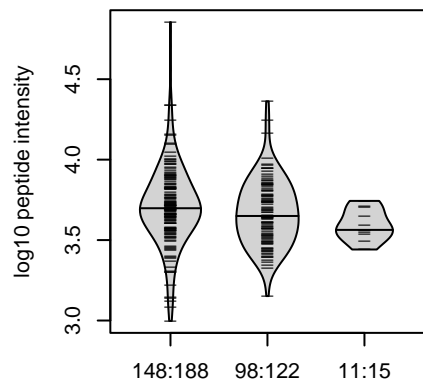
1:156711623:C:A_A
p = 0.9, beta = 0.0069, N = 814

**HDGF : NP2
P51858**



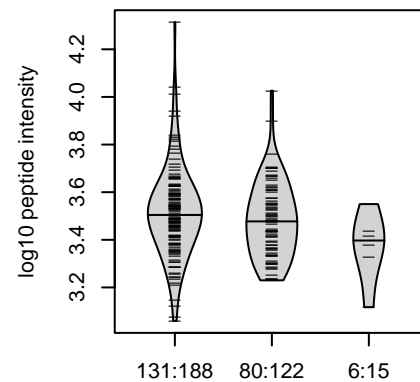
1:156711623:C:A_A
p = 0.067, beta = -0.179, N = 305

**YQVFFFGTHETAFLGPK pc3
P51858-2;P51858-3;P51858**



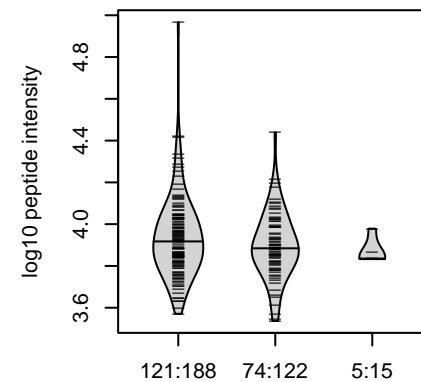
1:156711623:C:A_A
p = 0.044, beta = -0.213, N = 257

**EAATLEVERPLPMEVEK pc3
P51858-2;P51858-3;P51858**



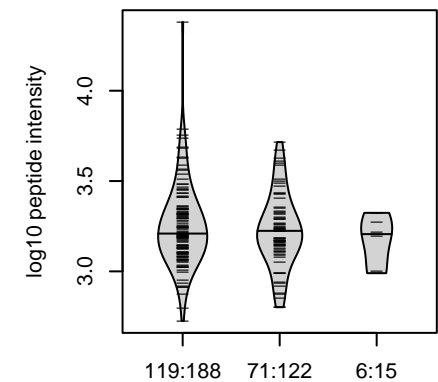
1:156711623:C:A_A
p = 0.053, beta = -0.236, N = 217

**DLPFYEEK pc2
P51858-2;P51858-3;P51858**



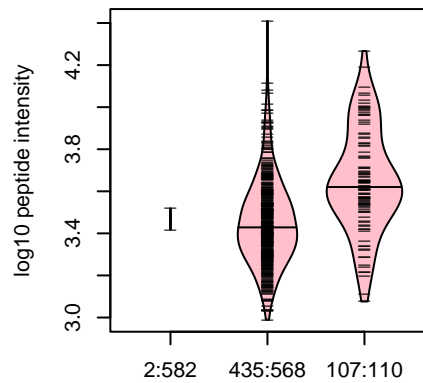
1:156711623:C:A_A
p = 0.25, beta = -0.149, N = 200

**EAENPEGEEK pc2
P51858-2;P51858-3;P51858**



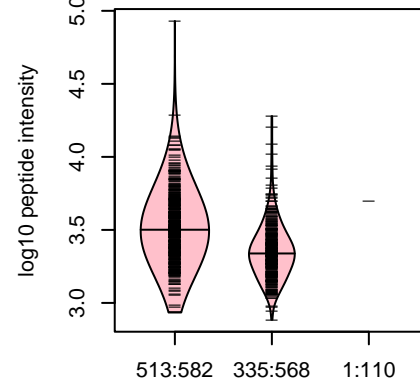
1:156711623:C:A_A
p = 0.38, beta = -0.111, N = 196

**NSTLSEPGSGR pc2
rs4399146 ALT**



1:156711623:C:A_A
p = 8.7e-222, model = REC, N = 544

**NSTPSEPGSGR pc2
rs4399146 REF**

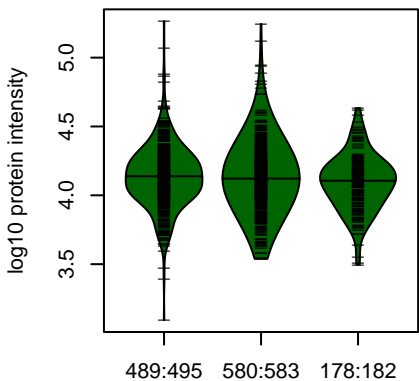


1:156711623:C:A_A
p = 1.3e-56, model = DOM, N = 849

Assay Target: HDGF
Olink UniProt: P51858
UKB rsID: rs3806417
Proxy rsID: rs3806417
UKB SNP: 1:156711623:C:A
Proxy SNP: 1:156711623:C:A
UKB log10(p): 6757.8
UKB BETA: 1.155

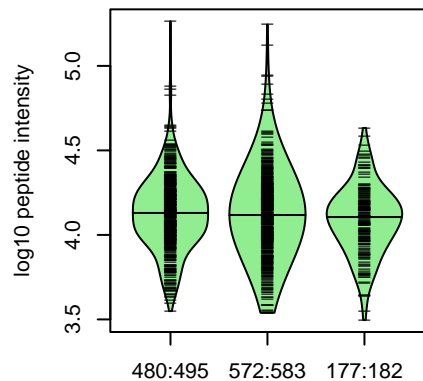
1132:997:893:814:787:637:547:

**APOBR : NP2
Q0VD83**



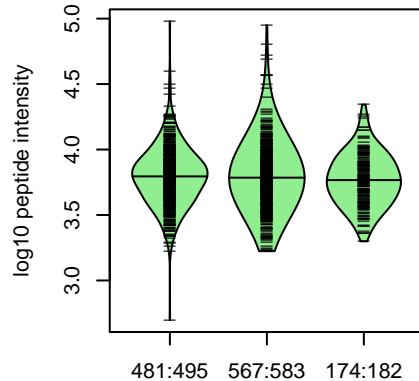
16:28508048:A:G_G
p = 0.066, beta = -0.0754, N = 1247

**AILDGEEAR pc2
Q0VD83**



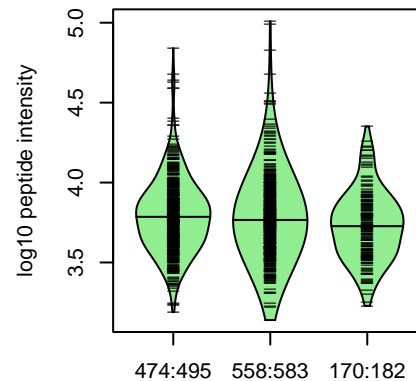
16:28508048:A:G_G
p = 0.13, beta = -0.0622, N = 1229

**QTEYGAVPGER pc2
Q0VD83**



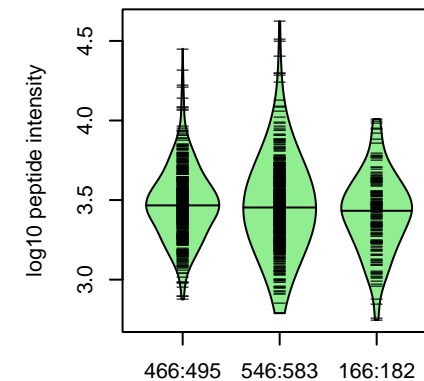
16:28508048:A:G_G
p = 0.34, beta = -0.0392, N = 1222

**GSQVEAFESR pc2
Q0VD83**



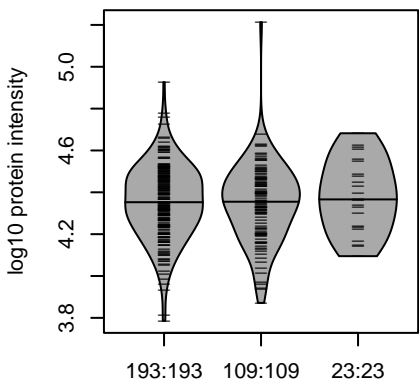
16:28508048:A:G_G
p = 0.011, beta = -0.106, N = 1202

**EAGEVELMGVLALSK pc2
Q0VD83**



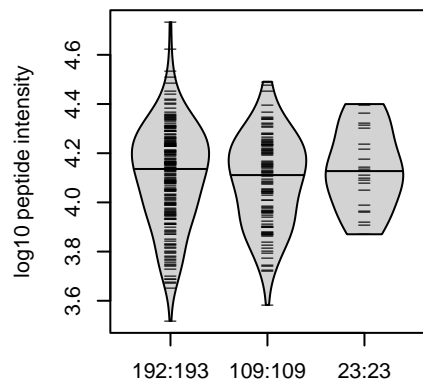
16:28508048:A:G_G
p = 0.015, beta = -0.103, N = 1178

**APOBR : NP2
Q0VD83**



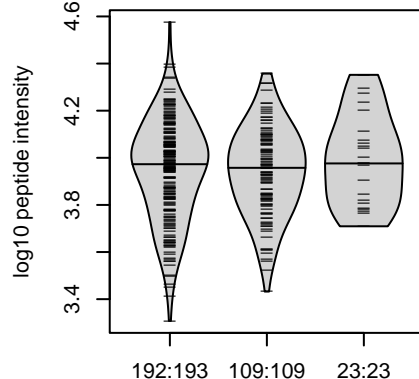
16:28508048:A:G_G
p = 0.84, beta = 0.0181, N = 325

**EEADLLGVR pc2
Q0VD83**



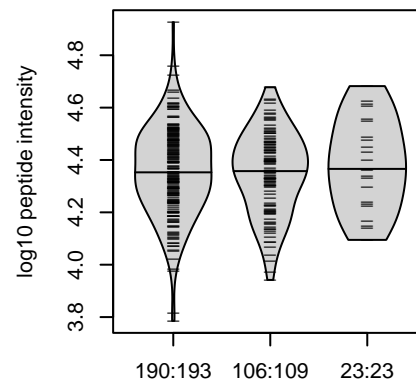
16:28508048:A:G_G
p = 0.85, beta = -0.0169, N = 324

**QTEYGAVPGER pc2
Q0VD83**



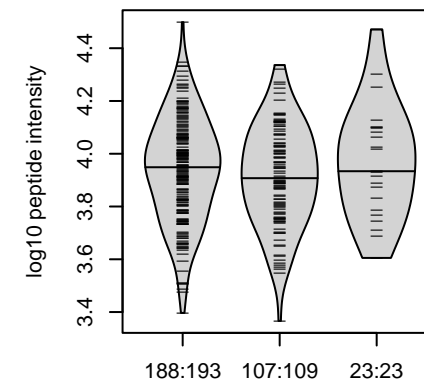
16:28508048:A:G_G
p = 0.65, beta = 0.0393, N = 324

**AILDGEEAR pc2
Q0VD83**



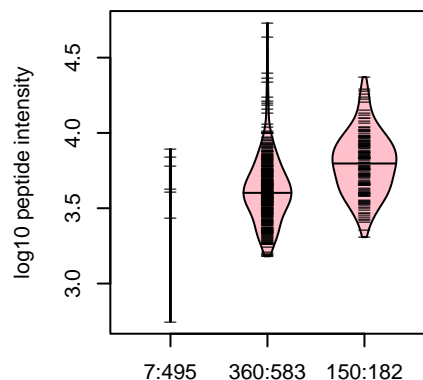
16:28508048:A:G_G
p = 0.81, beta = 0.021, N = 319

**GSQVEAFESR pc2
Q0VD83**



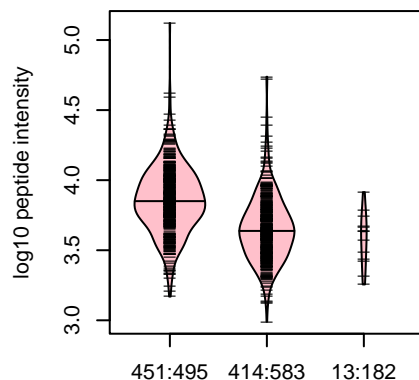
16:28508048:A:G_G
p = 0.89, beta = -0.0124, N = 318

**QAQVLGTER pc2
rs180743 ALT**



16:28508048:A:G_G
p = 2.4e-144, model = REC, N = 517

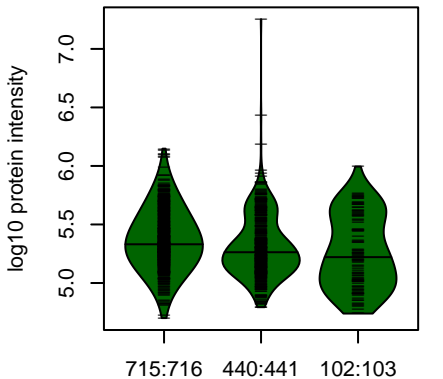
**QPQVLGTER pc2
rs180743 REF**



16:28508048:A:G_G
p = 2.9e-84, model = DOM, N = 878

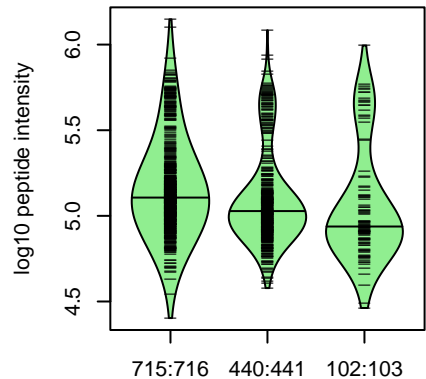
Assay Target: APOBR
Olink UniProt: Q0VD83
UKB rsID: rs180744
Proxy rsID: rs180744
UKB SNP: 16:28508048:A:G
Proxy SNP: 16:28508048:A:G
UKB log10(p): 6743.3
UKB BETA: -1.118
-----*-----
1229:1222:1202:1178:1153:113

**F12 : NP2
P00748**



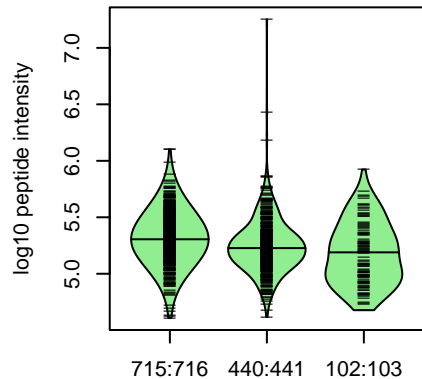
5:176836532:A:G_A
p = 2.1e-10, beta = -0.276, N = 1257

**AAEHTVVLTVTGEPCHFPFQYHR pc
P00748**



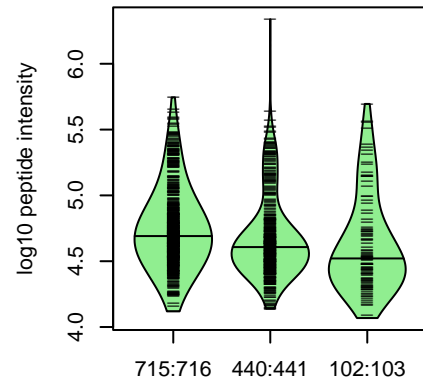
5:176836532:A:G_A
p = 1.8e-13, beta = -0.319, N = 1257

**CFEPQLLR pc2
P00748**



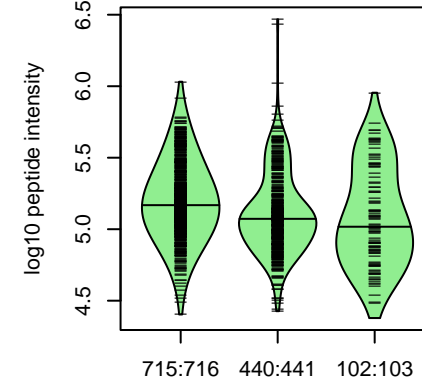
5:176836532:A:G_A
p = 5.1e-13, beta = -0.313, N = 1257

**LHEAFSPVSYQHDLALLR pc4
P00748**



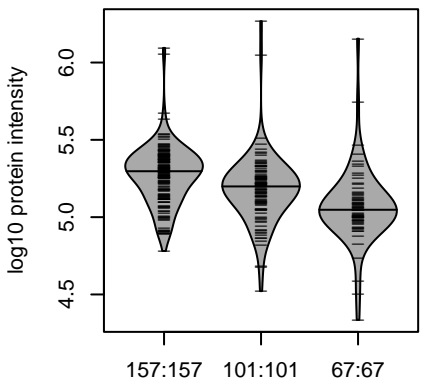
5:176836532:A:G_A
p = 1.4e-13, beta = -0.32, N = 1257

**VVGGVALR pc2
P00748**



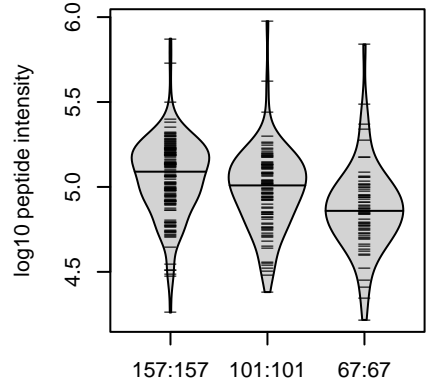
5:176836532:A:G_A
p = 7.5e-11, beta = -0.283, N = 1257

**F12 : NP2
P00748**



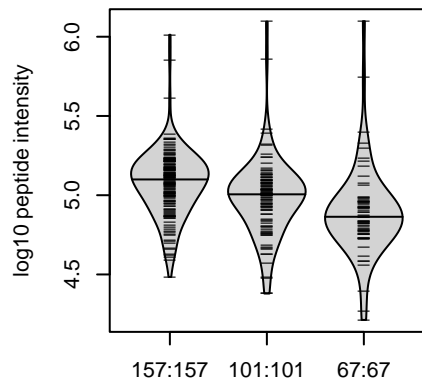
5:176836532:A:G_A
p = 4.7e-05, beta = -0.281, N = 325

**AAEHTVVLTVTGEPCHFPFQYHR pc
P00748**



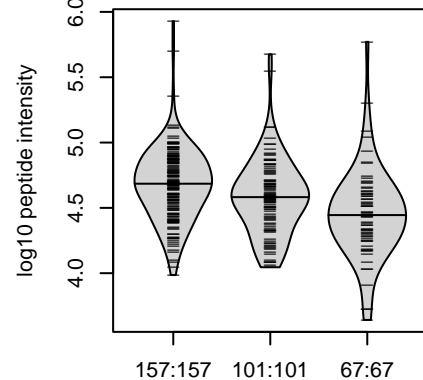
5:176836532:A:G_A
p = 0.016, beta = -0.168, N = 325

**CFEPQLLR pc2
P00748**



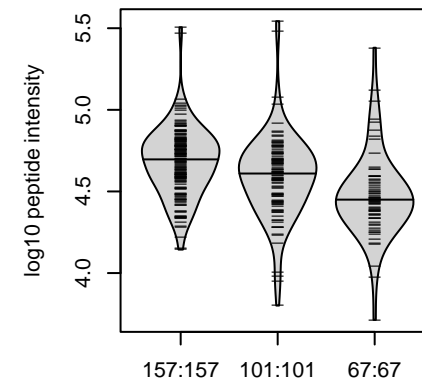
5:176836532:A:G_A
p = 0.00041, beta = -0.245, N = 325

**EQPPSLTR pc2
P00748**



5:176836532:A:G_A
p = 0.0045, beta = -0.198, N = 325

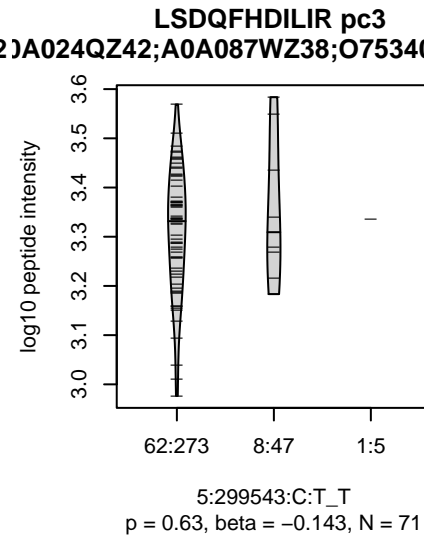
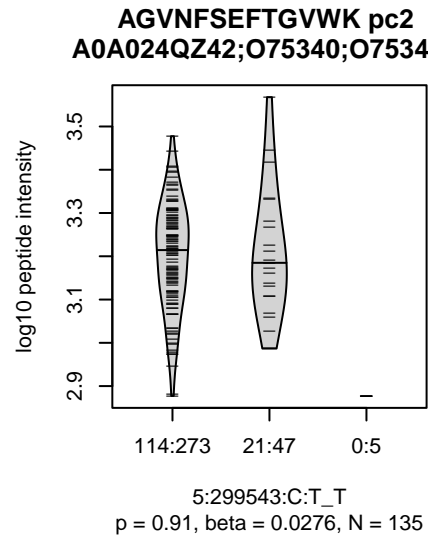
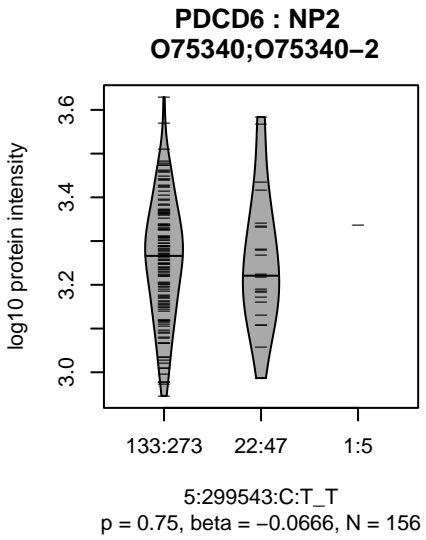
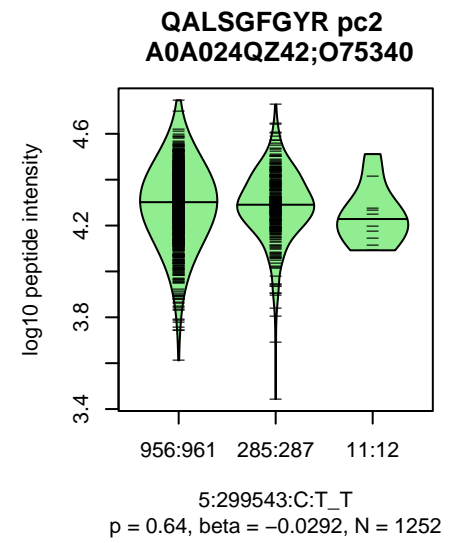
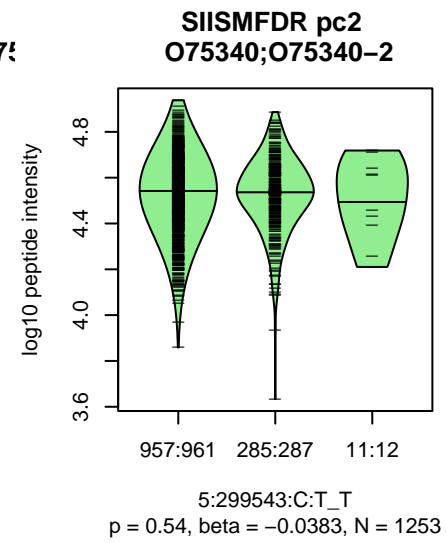
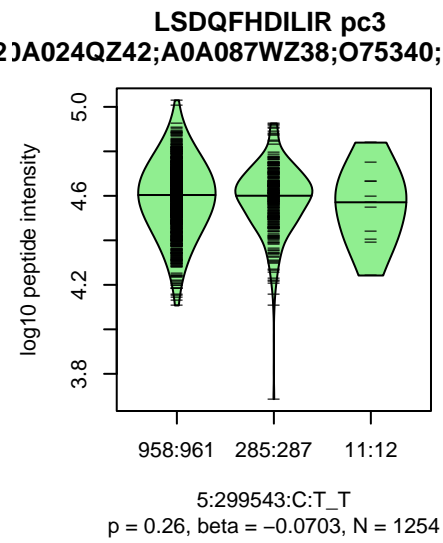
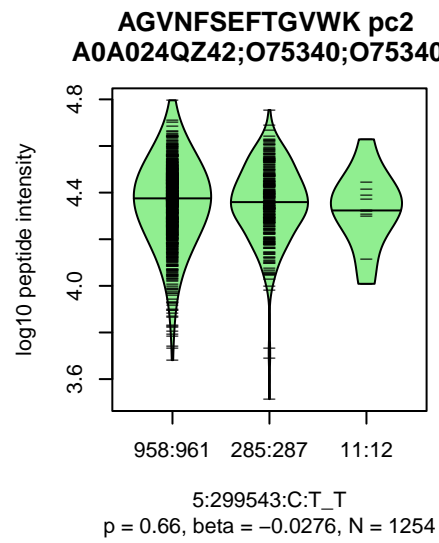
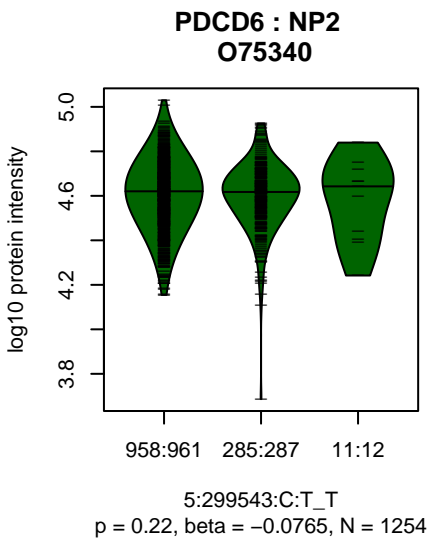
**LHEAFSPVSYQHDLALLR pc4
P00748**



5:176836532:A:G_A
p = 0.0027, beta = -0.209, N = 325

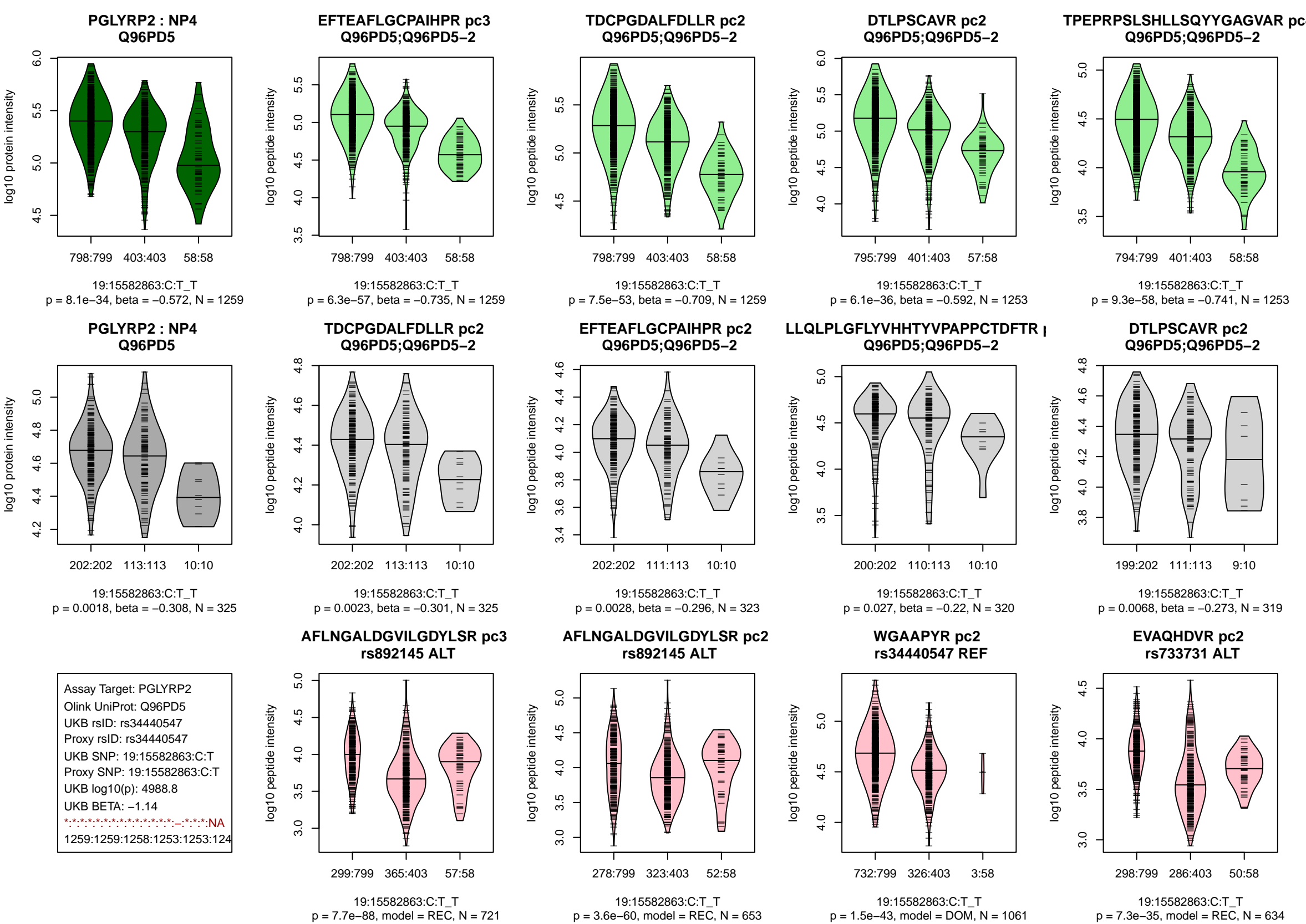
Assay Target: F12
Olink UniProt: P00748
UKB rsID: rs1801020
Proxy rsID: rs1801020
UKB SNP: 5:176836532:A:G
Proxy SNP: 5:176836532:A:G
UKB log10(p): 6066.9
UKB BETA: 1.167

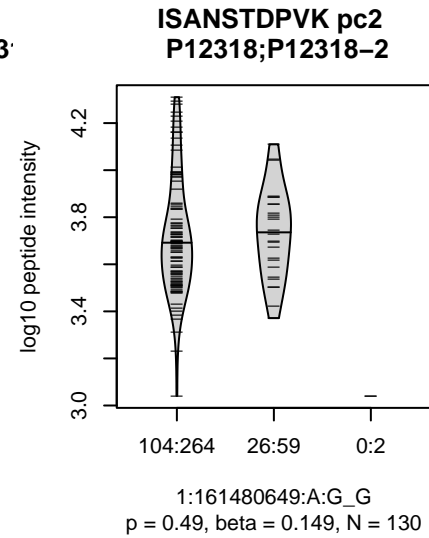
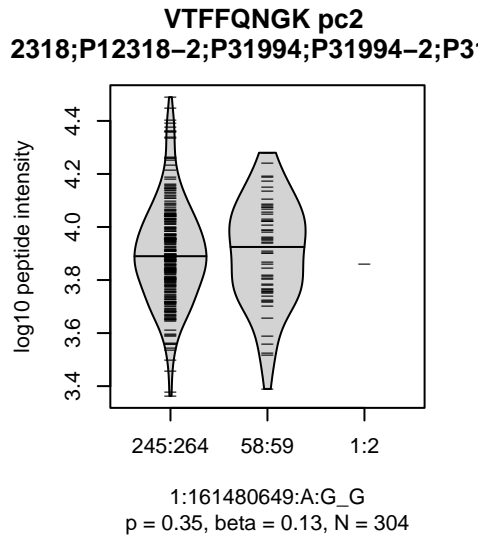
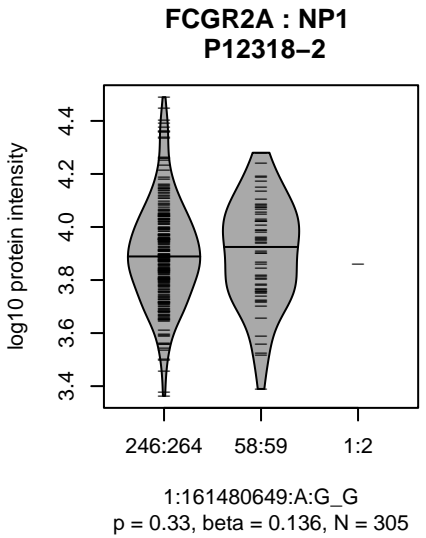
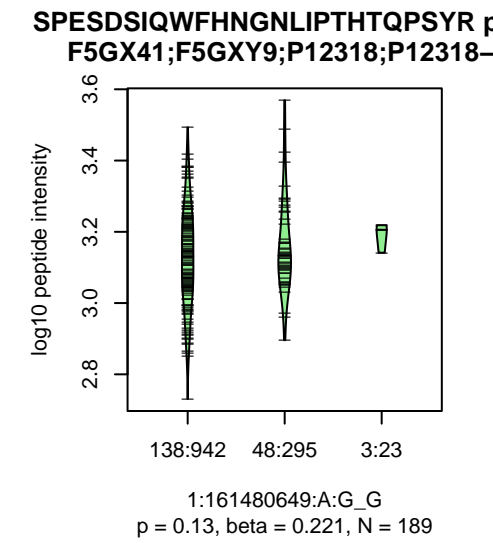
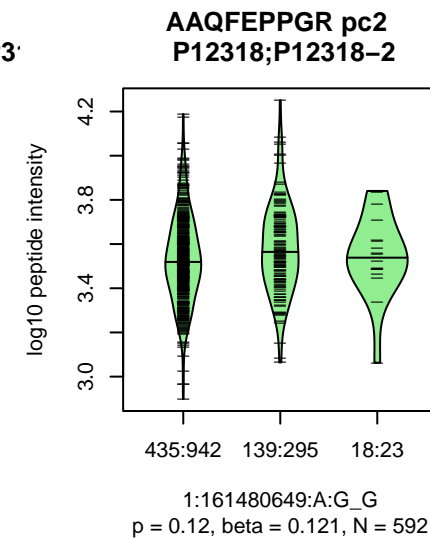
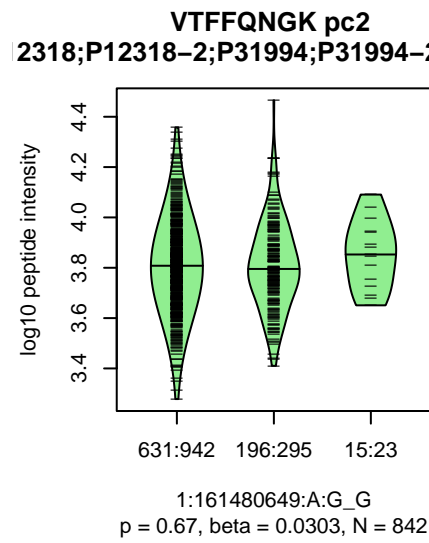
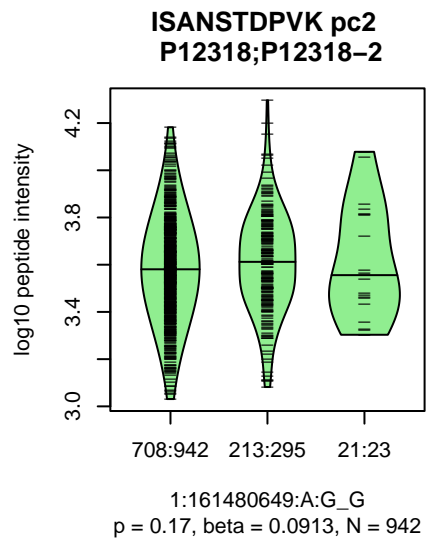
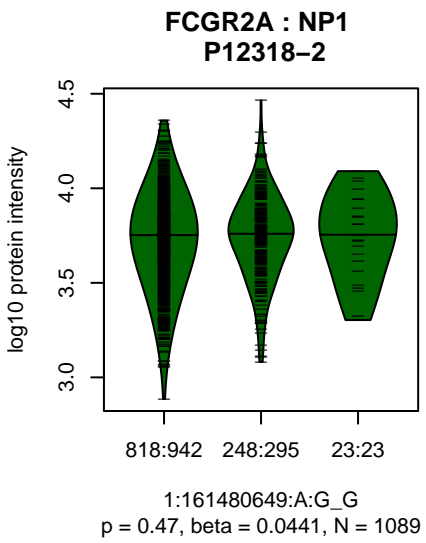
1257:1257:1257:1257:1256:125



Assay Target: PDCD6
 Olink UniProt: O75340
 UKB rsID: rs9654451
 Proxy rsID: rs9654451
 UKB SNP: 5:299543:C:T
 Proxy SNP: 5:299543:C:T
 UKB log10(p): 5682.7
 UKB BETA: -1.506

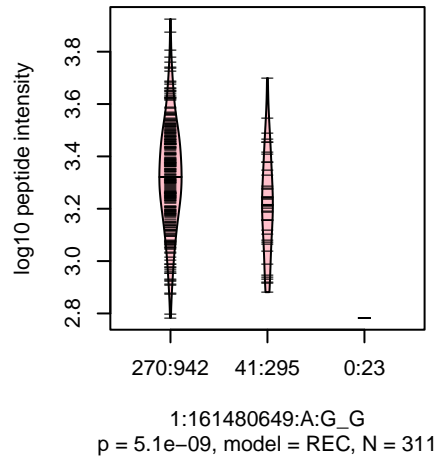
 1254:1254:1253:1252:1217:121



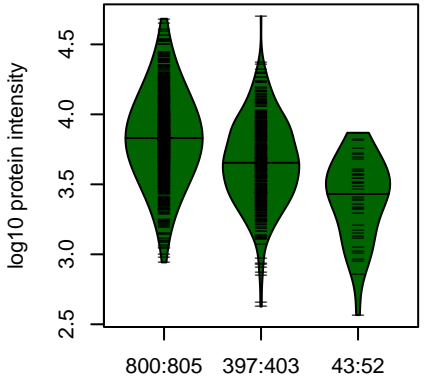


LEPPWINVLQEDSVTLTCQGAR pc2
rs9427398 REF

Assay Target: FCGR2A
Olink UniProt: P12318
UKB rsID: rs11810143
Proxy rsID: rs11810143
UKB SNP: 1:161480649:A:G
Proxy SNP: 1:161480649:A:G
UKB log10(p): 4980.3
UKB BETA: -1.453
-:-:-:-:NA
942:842:592:189:12

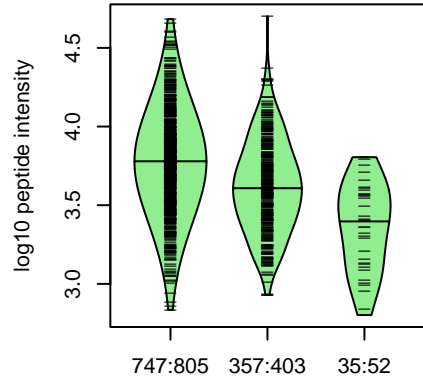


**C1QTNF9 : NP4
P0C862**



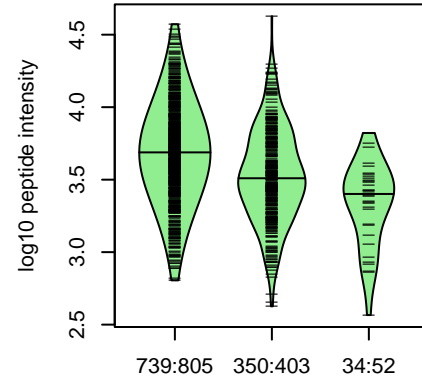
13:24891017:C:A_C
p = 8.9e-31, beta = -0.573, N = 1240

**IGETLVLPK pc2
B2RNN3;P0C862**



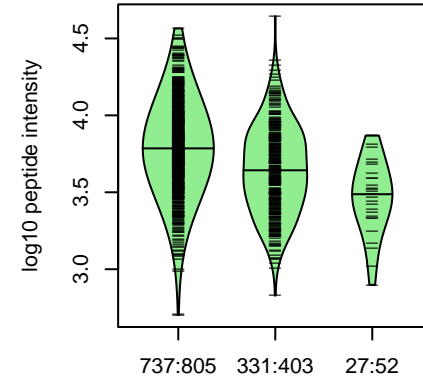
13:24891017:C:A_C
p = 2.5e-21, beta = -0.504, N = 1139

**SAFTVGLTVLSK pc2
B2RNN3;P0C862**



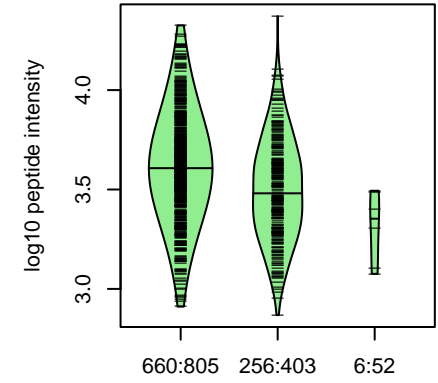
13:24891017:C:A_C
p = 1e-17, beta = -0.462, N = 1123

**ILYNEFNHYDTAAGK pc3
P0C862**



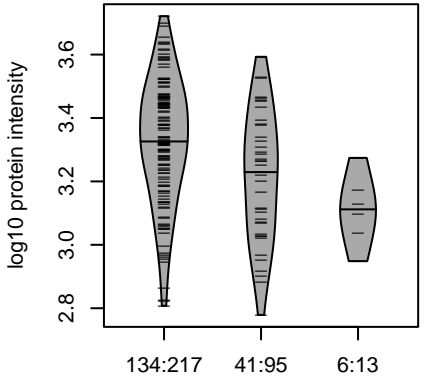
13:24891017:C:A_C
p = 8.2e-18, beta = -0.483, N = 1095

**LGDEVWLQVTGGER pc2
P0C862**



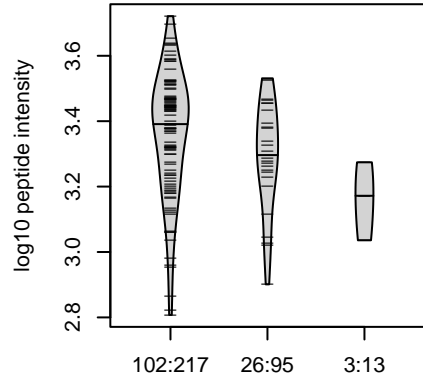
13:24891017:C:A_C
p = 3.1e-09, beta = -0.411, N = 922

**C1QTNF9 : NP4
P0C862**



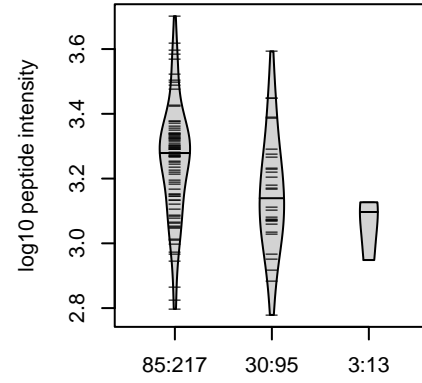
13:24891017:C:A_C
p = 0.003, beta = -0.409, N = 181

**ILYNEFNHYDTAAGK pc3
P0C862**



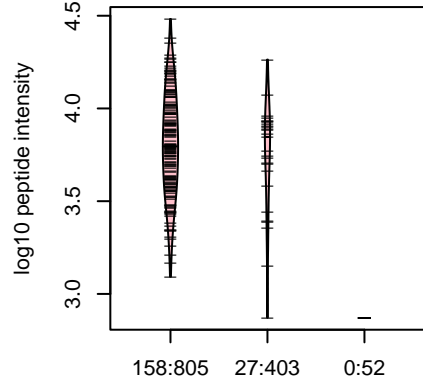
13:24891017:C:A_C
p = 0.075, beta = -0.314, N = 131

**IGETLVLPK pc2
B2RNN3;P0C862**



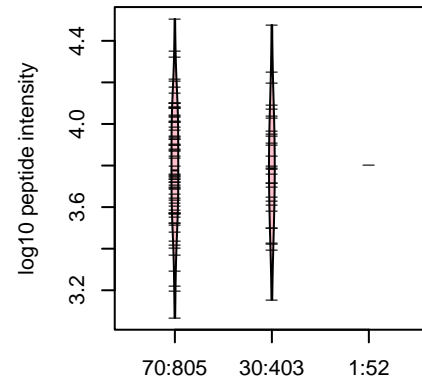
13:24891017:C:A_C
p = 0.02, beta = -0.403, N = 118

**FPSSDVPIK pc2
rs3751357 ALT**



13:24891017:C:A_C
p = 4.6e-12, model = REC, N = 185

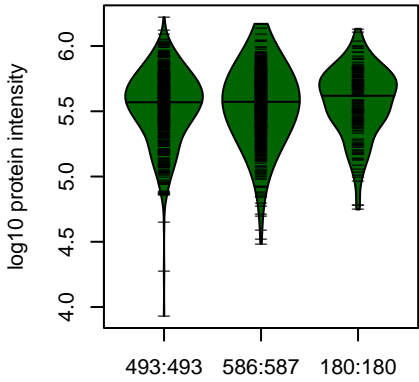
**FPSSDMPK pc2
rs3751357 REF**



13:24891017:C:A_C
p = 0.12, model = DOM, N = 101

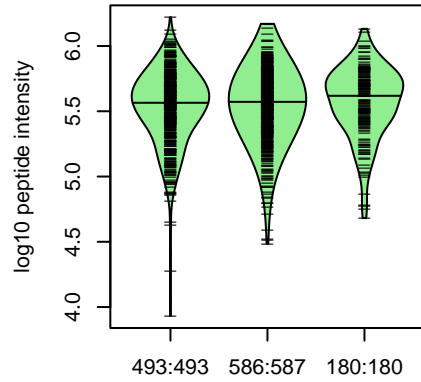
Assay Target: C1QTNF9
Olink UniProt: P0C862
UKB rsID: rs1961993
Proxy rsID: rs1961993
UKB SNP: 13:24891017:C:A
Proxy SNP: 13:24891017:C:A
UKB log10(p): 4552.4
UKB BETA: 1.129
..*.*:NA
1139:1123:1095:922:3

**LECT2 : NP4
O14960**



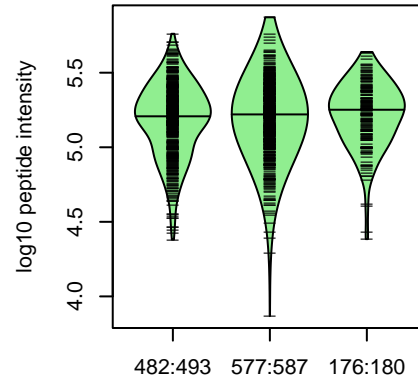
5:135288113:A:G_A
 $p = 0.17$, $\beta = 0.0561$, $N = 1259$

**LGTLPLQK pc2
D6RD58;O14960**



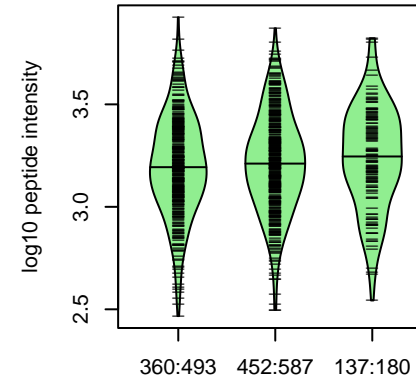
5:135288113:A:G_A
 $p = 0.2$, $\beta = 0.0523$, $N = 1259$

**NAINNGVR pc2
D6RD58;D6RGX8;E5RHW6;O1496**



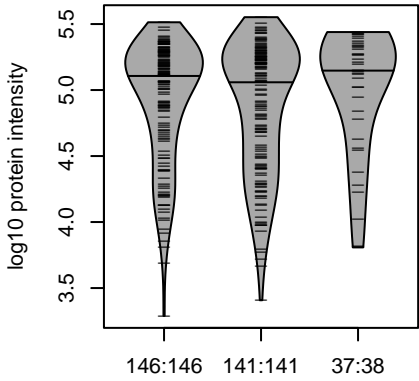
5:135288113:A:G_A
 $p = 0.14$, $\beta = 0.0615$, $N = 1235$

**HGCGQYSAQR pc2
D6RGX8;E5RHW6;O14960**



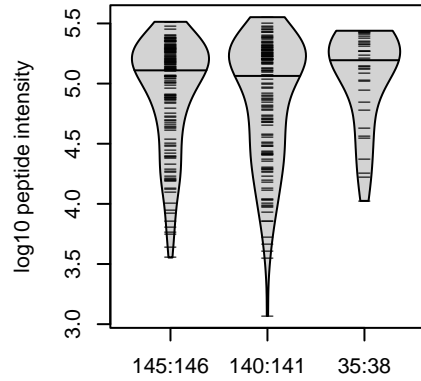
5:135288113:A:G_A
 $p = 0.11$, $\beta = 0.0759$, $N = 949$

**LECT2 : NP4
O14960**



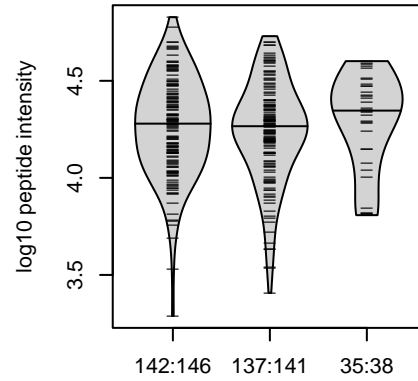
5:135288113:A:G_A
 $p = 0.86$, $\beta = 0.0143$, $N = 324$

**LGTLPLQK pc2
D6RD58;O14960**



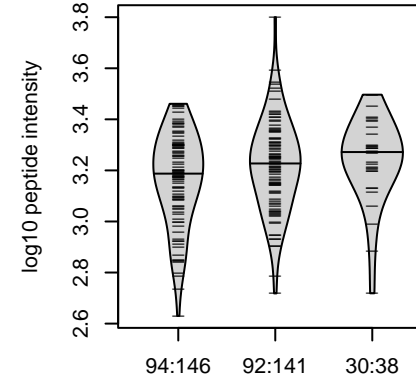
5:135288113:A:G_A
 $p = 0.47$, $\beta = 0.0602$, $N = 320$

**NAINNGVR pc2
D6RD58;D6RGX8;E5RHW6;O1496**



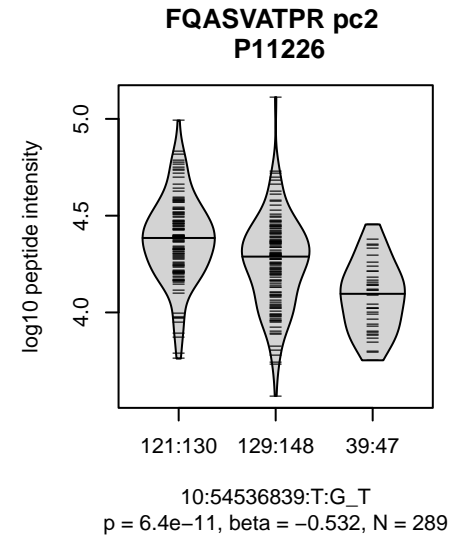
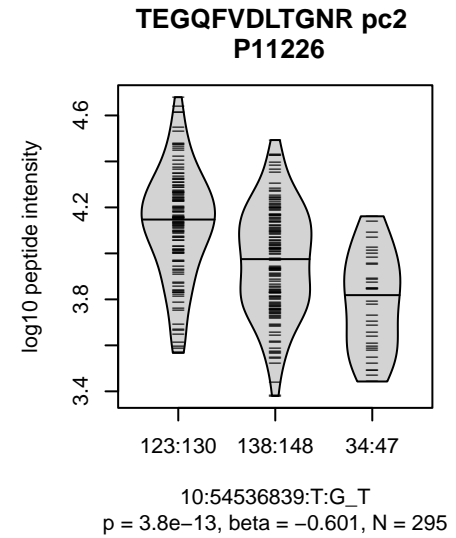
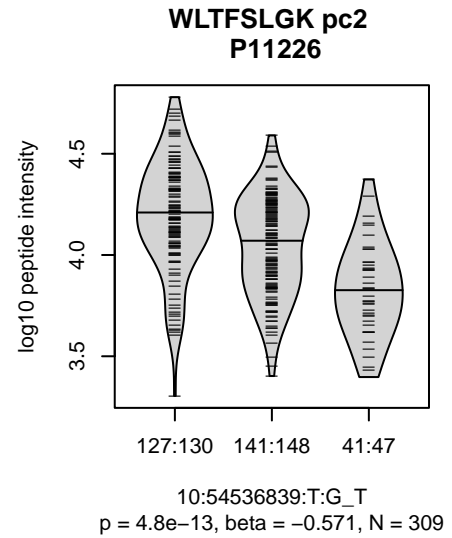
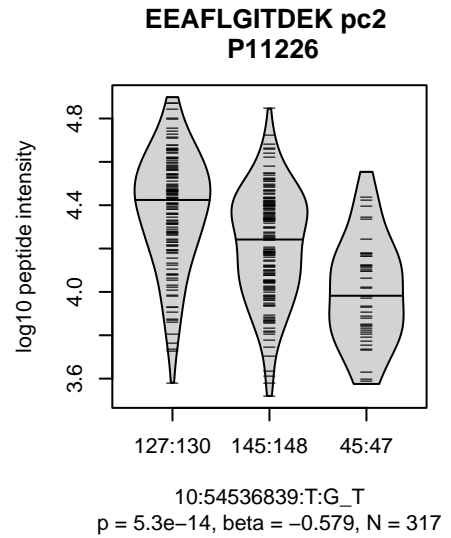
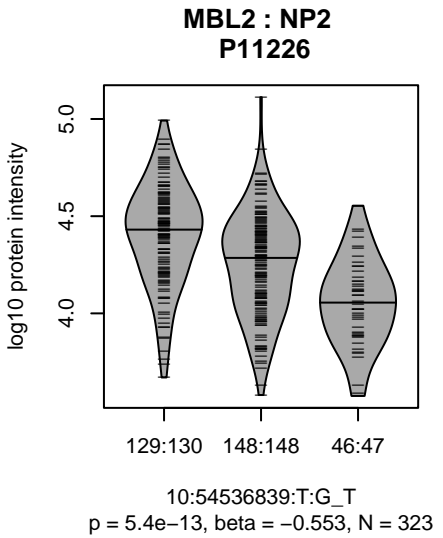
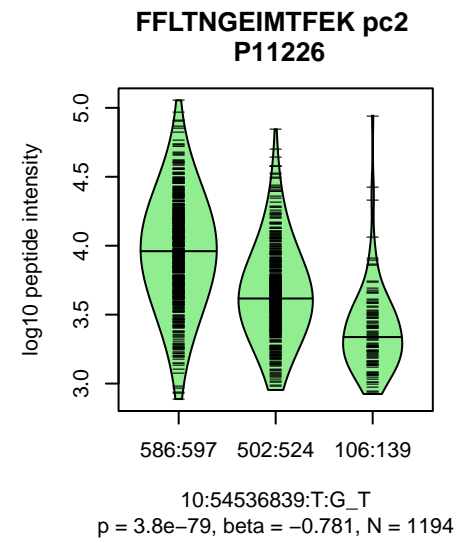
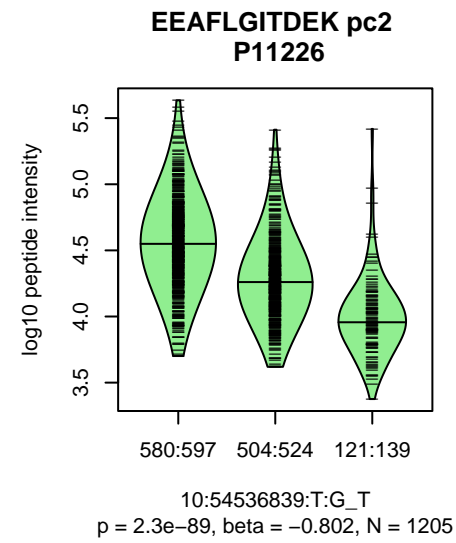
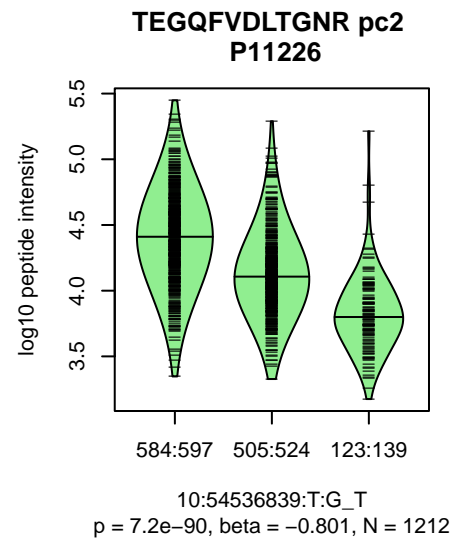
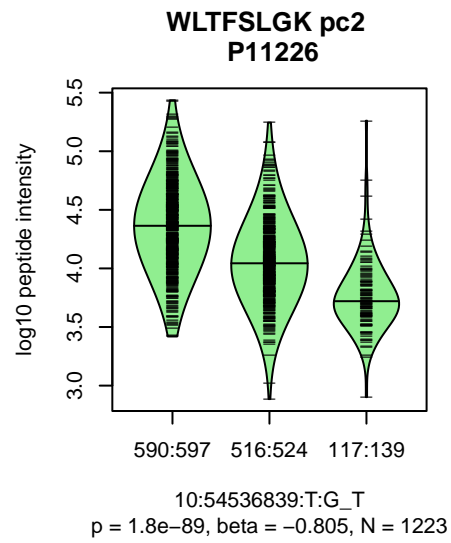
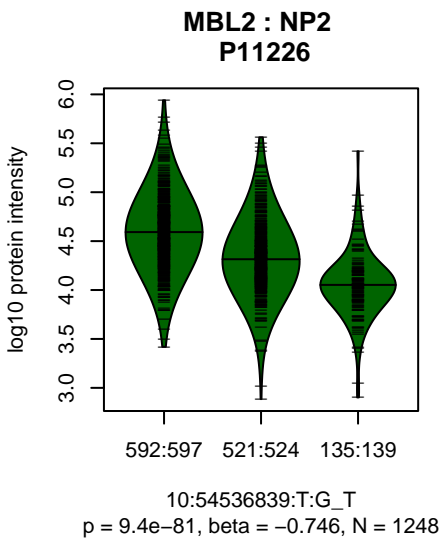
5:135288113:A:G_A
 $p = 0.67$, $\beta = -0.0353$, $N = 314$

**HGCGQYSAQR pc2
D6RGX8;E5RHW6;O14960**



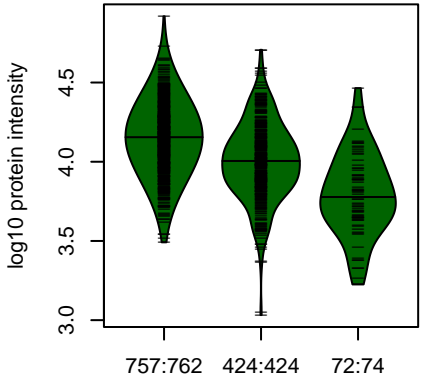
5:135288113:A:G_A
 $p = 0.068$, $\beta = 0.175$, $N = 216$

Assay Target: LECT2
Olink UniProt: O14960
UKB rsID: rs31515
Proxy rsID: rs31515
UKB SNP: 5:135288113:A:G
Proxy SNP: 5:135288113:A:G
UKB log10(p): 4434.6
UKB BETA: -0.789
-:-:-
1259:1235:949



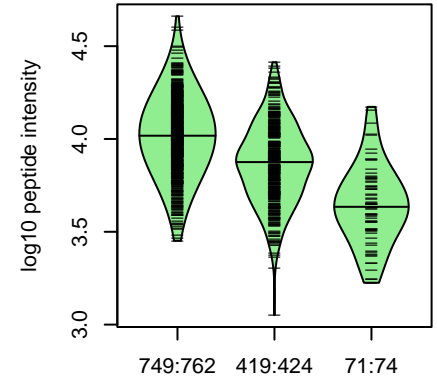
Assay Target: MBL2
 Olink UniProt: P11226
 UKB rsID: rs7899547
 Proxy rsID: rs7899547
 UKB SNP: 10:54536839:T:G
 Proxy SNP: 10:54536839:T:G
 UKB log10(p): 4214.8
 UKB BETA: 0.905
 ..*.*.*.*.*.*:NA
 1223:1212:1205:1194:1164:106

**IL7R : NP2
P16871**



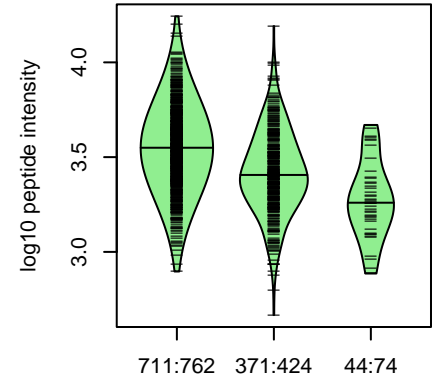
5:35874575:C:T_T
p = 3.3e-39, beta = -0.592, N = 1253

**LQEIFYETK pc2
B8YG18;D6RDM4;P16871;P16871-**



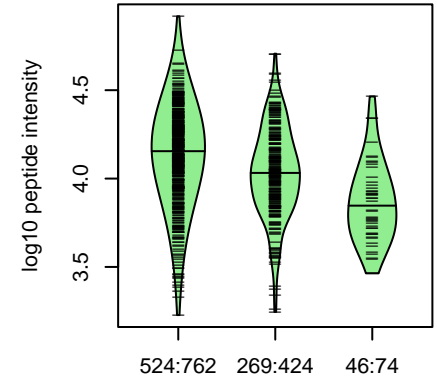
5:35874575:C:T_T
p = 5.1e-54, beta = -0.694, N = 1239

**VLMHDVAYR pc2
B8YG18;P16871;P16871-3**



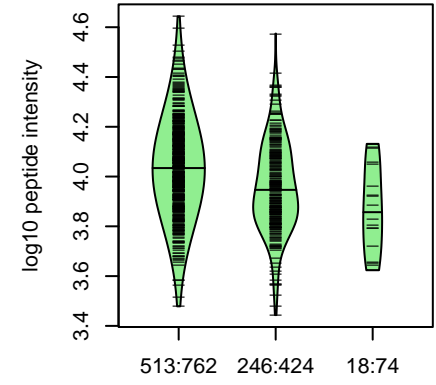
5:35874575:C:T_T
p = 2.2e-27, beta = -0.554, N = 1126

**LQPAAMYEIK pc2
P16871;P16871-3**



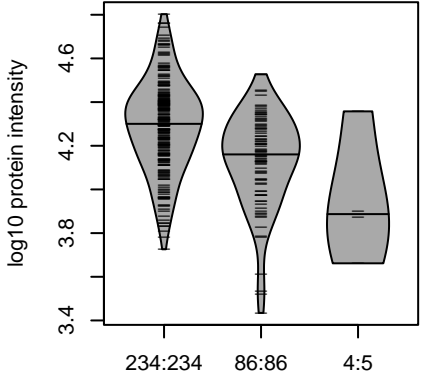
5:35874575:C:T_T
p = 1.2e-11, beta = -0.386, N = 839

**SIPDHYFK pc2
P16871;P16871-3**



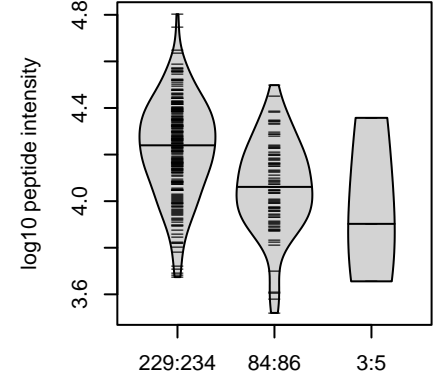
5:35874575:C:T_T
p = 2e-09, beta = -0.401, N = 777

**IL7R : NP2
P16871-3**



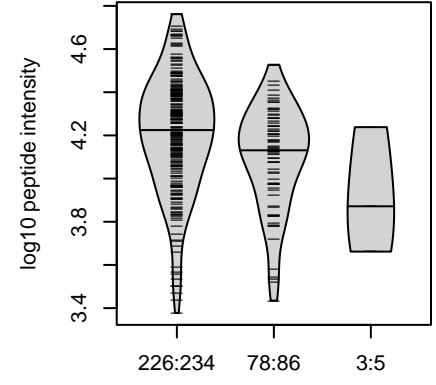
5:35874575:C:T_T
p = 3.9e-08, beta = -0.614, N = 324

**LQEIFYETK pc2
B8YG18;D6RDM4;P16871;P16871-**



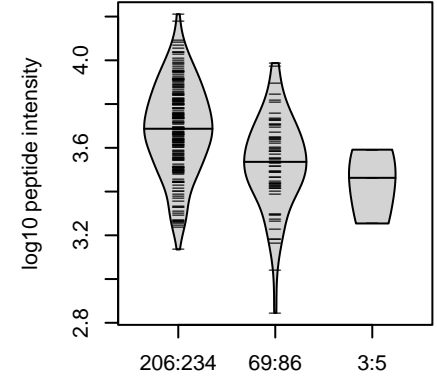
5:35874575:C:T_T
p = 5.3e-08, beta = -0.626, N = 316

**LQPAAMYEIK pc2
P16871;P16871-3**



5:35874575:C:T_T
p = 0.00048, beta = -0.417, N = 307

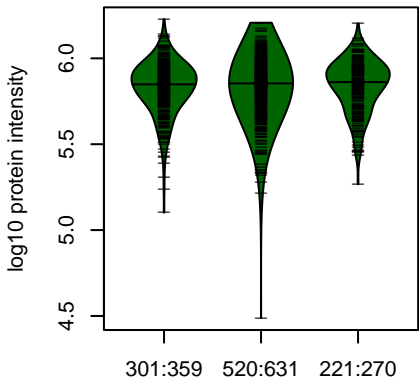
**VLMHDVAYR pc2
B8YG18;P16871;P16871-3**



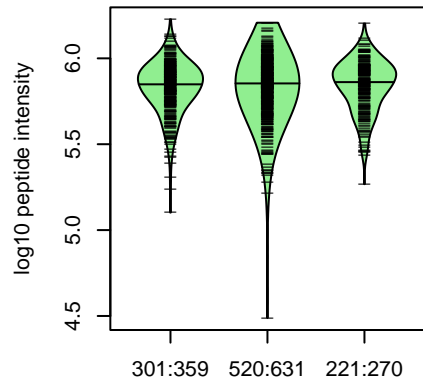
5:35874575:C:T_T
p = 1.6e-07, beta = -0.648, N = 278

Assay Target: IL7R
Olink UniProt: P16871
UKB rsID: rs6897932
Proxy rsID: rs6897932
UKB SNP: 5:35874575:C:T
Proxy SNP: 5:35874575:C:T
UKB log10(p): 3931.5
UKB BETA: -0.889
::--
1239:1126:839:777:84:38

TPSAB1 : NP5
WPWQVSLR pc2
;A0A087X1U0;A0A140VJT7;J3QTS8;A0A0C4DFZ7;A0A140VJT7;J3QTS8;Q

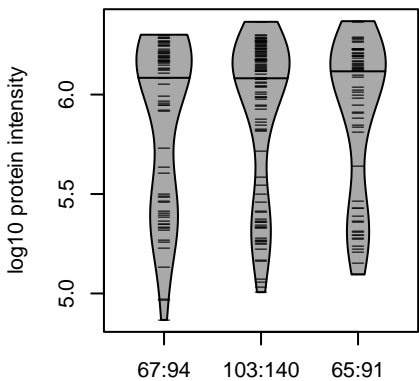


16:1295818:T:A_A
p = 0.45, beta = 0.033, N = 1042

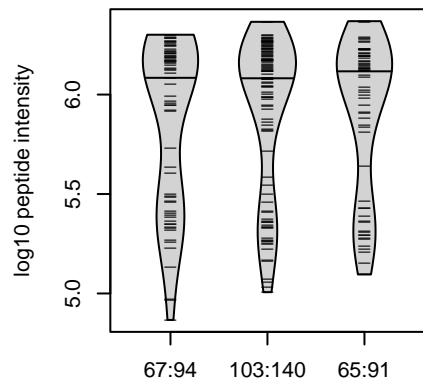


16:1295818:T:A_A
p = 0.45, beta = 0.033, N = 1042

TPSAB1 : NP5
WPWQVSLR pc2
;A0A087X1U0;A0A140VJT7;J3QTS8;A0A0C4DFZ7;A0A140VJT7;J3QTS8;Q

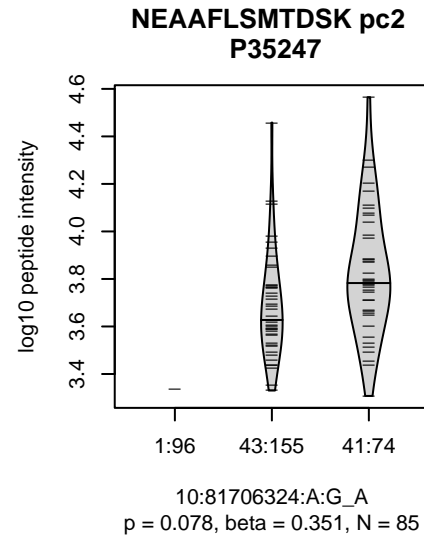
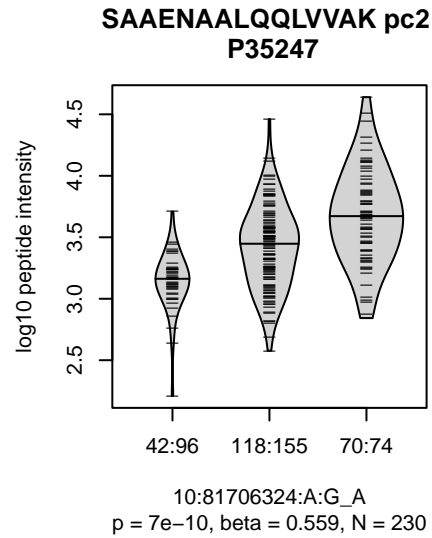
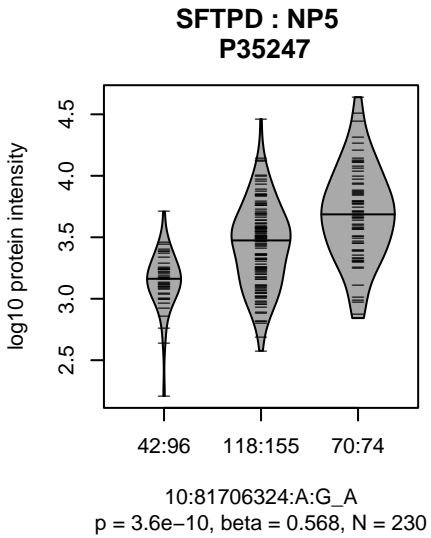
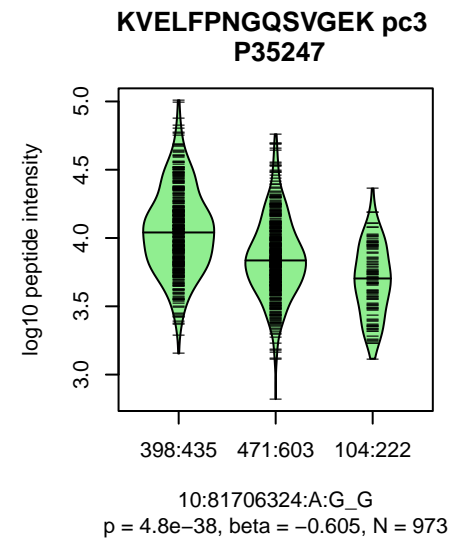
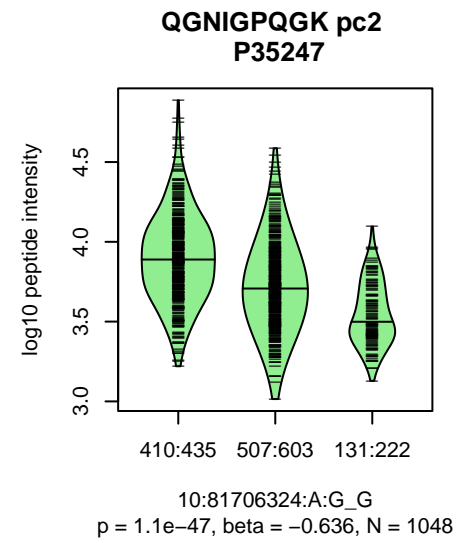
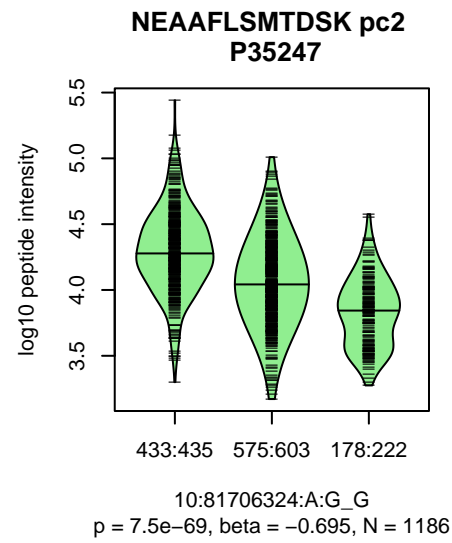
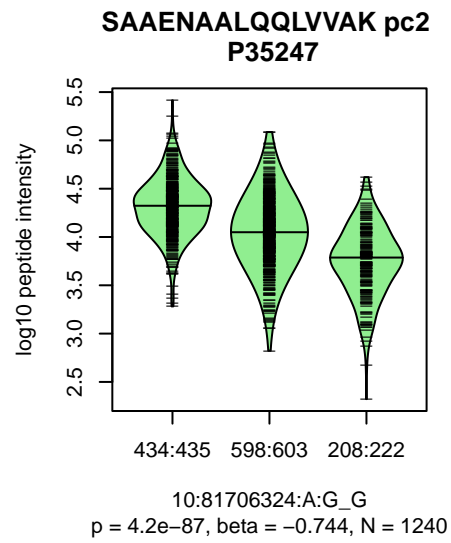
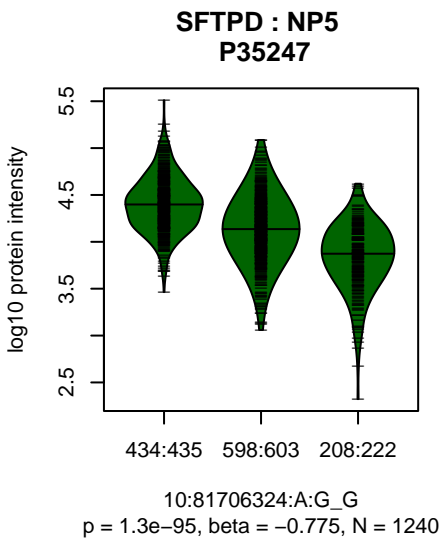


16:1295818:T:A_T
p = 0.56, beta = 0.0495, N = 235

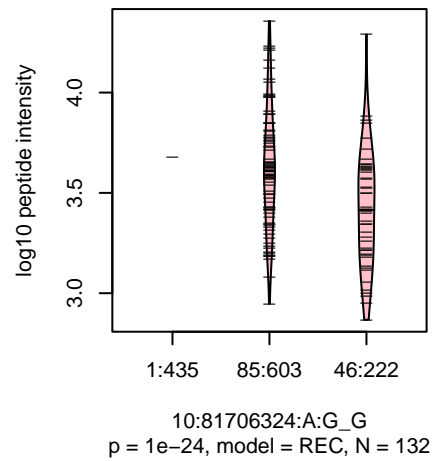


16:1295818:T:A_T
p = 0.56, beta = 0.0495, N = 235

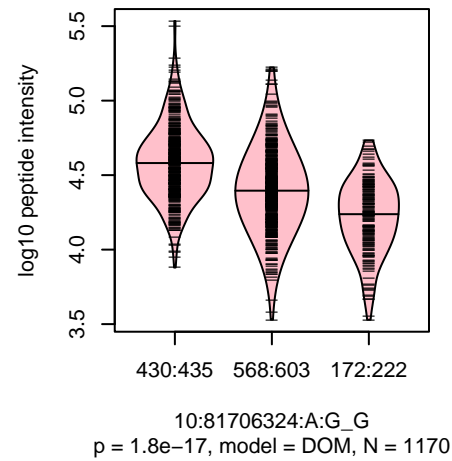
Assay Target: TPSAB1
Olink UniProt: Q15661
UKB rsID: rs8051930
Proxy rsID: rs8051930
UKB SNP: 16:1295818:T:A
Proxy SNP: 16:1295818:T:A
UKB log10(p): 3832.7
UKB BETA: 0.814
-
1042



**PFTEAQLLCTQAGGQLATPR pc3
rs3088308 ALT**



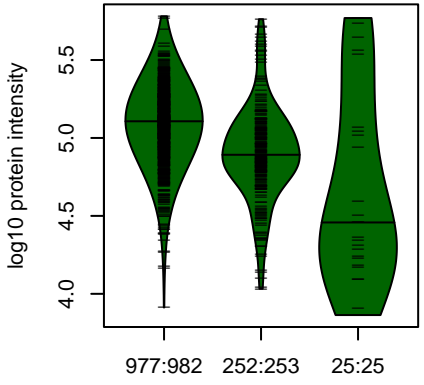
**PFTEAQLLCTQAGGQLASPR pc3
rs3088308 REF**



Assay Target: SFTPD
Olink UniProt: P35247
UKB rsID: rs721917
Proxy rsID: rs721917
UKB SNP: 10:81706324:A:G
Proxy SNP: 10:81706324:A:G
UKB log10(p): 3560.7
UKB BETA: -0.755

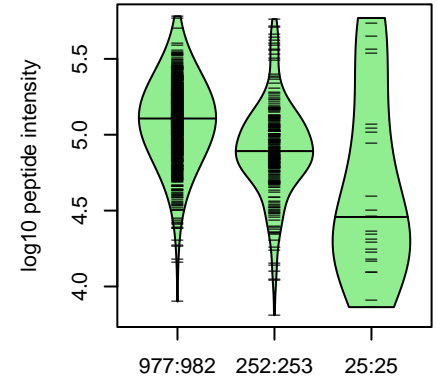
1240:1186:1048:973:881:744:33

CCL16 : NP3
O15467



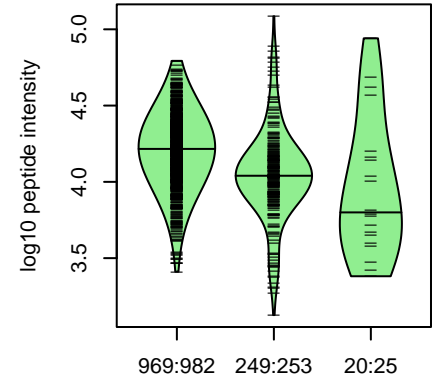
17:34307457:T:C_C
p = 1.6e-25, beta = -0.609, N = 1254

DPNLPLLPTR pc3
O15467



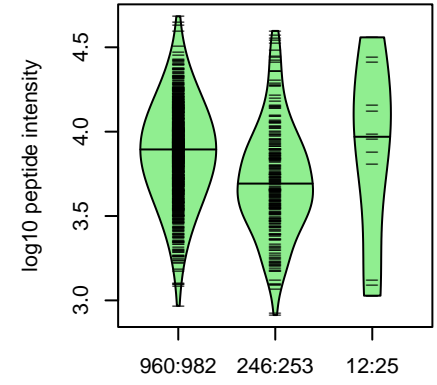
17:34307457:T:C_C
p = 2.3e-25, beta = -0.607, N = 1254

ALNCHLPAIIFVTK pc3
O15467



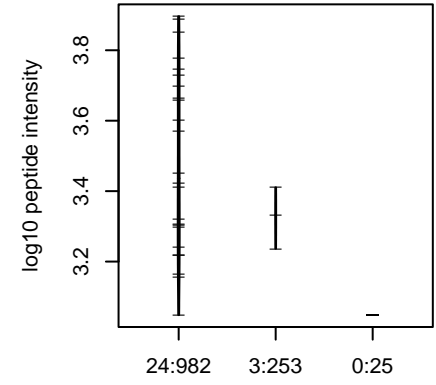
17:34307457:T:C_C
p = 5e-20, beta = -0.555, N = 1238

VPEWVNTPSTCCLK pc2
O15467



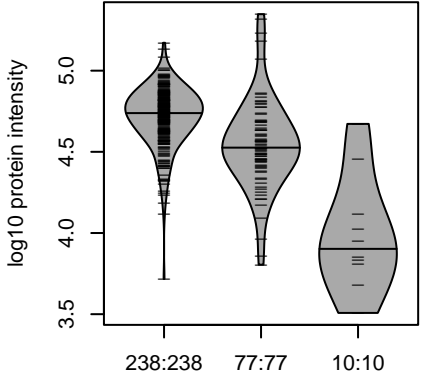
17:34307457:T:C_C
p = 2.8e-14, beta = -0.489, N = 1218

EVCTNPNDWVQEIYK pc3
O15467



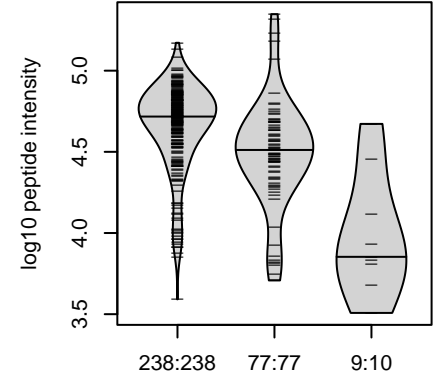
17:34307457:T:C_C
p = 0.76, beta = -0.174, N = 27

CCL16 : NP3
O15467



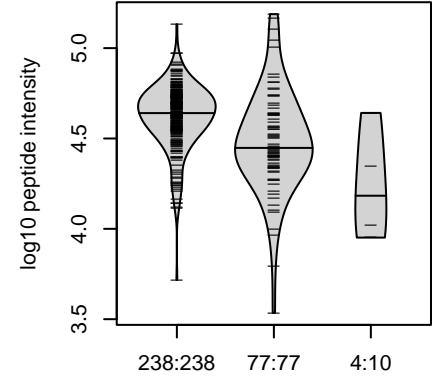
17:34307457:T:C_C
p = 6.8e-17, beta = -0.834, N = 325

ALNCHLPAIIFVTK pc3
O15467



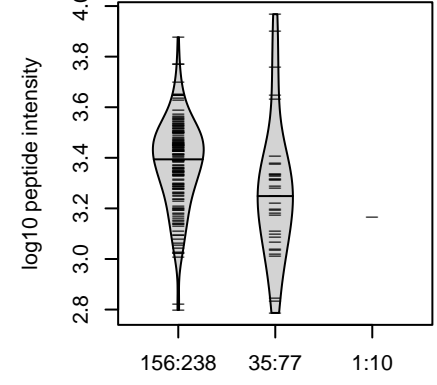
17:34307457:T:C_C
p = 6.6e-12, beta = -0.709, N = 324

DPNLPLLPTR pc2
O15467



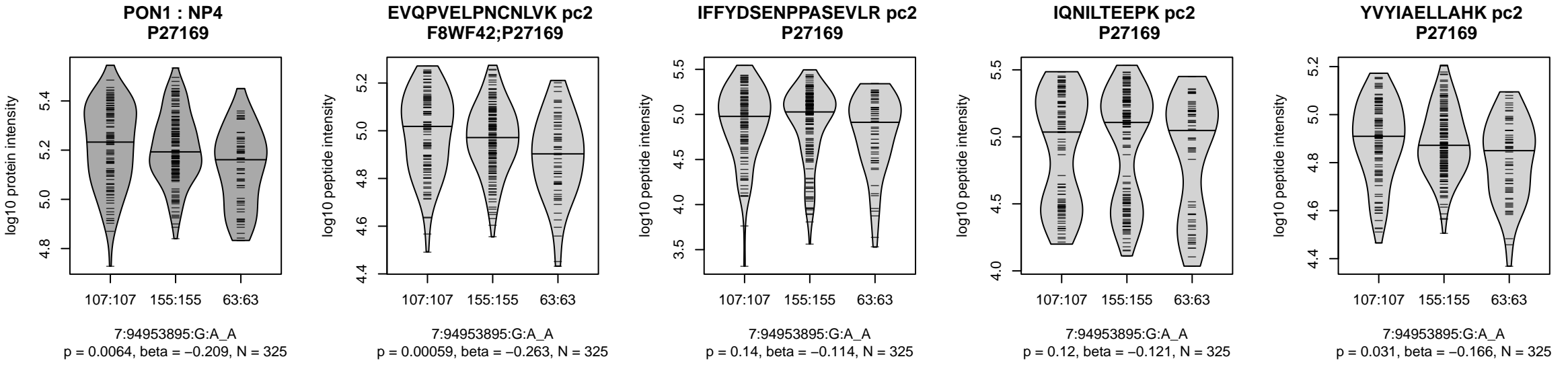
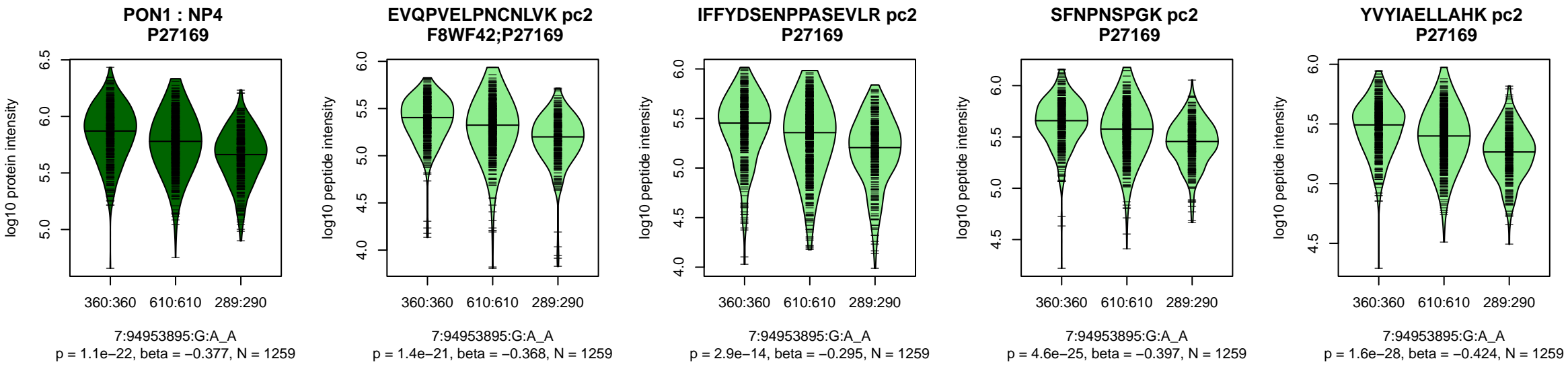
17:34307457:T:C_C
p = 2e-08, beta = -0.645, N = 319

VPEWVNTPSTCCLK pc2
O15467



17:34307457:T:C_C
p = 0.00069, beta = -0.582, N = 192

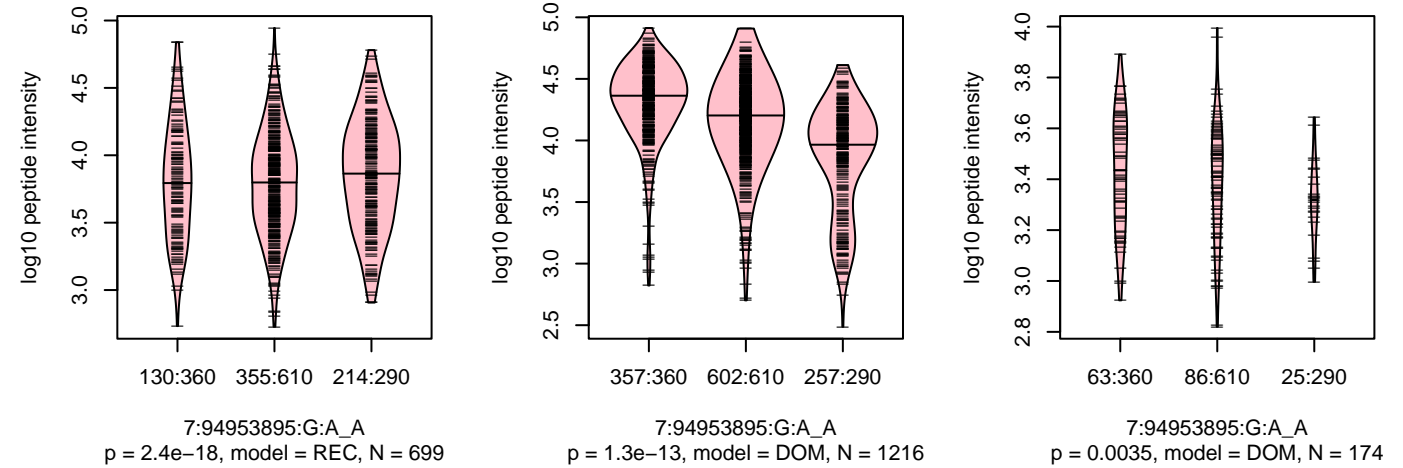
Assay Target: CCL16
Olink UniProt: O15467
UKB rsID: rs112689088
Proxy rsID: rs112689088
UKB SNP: 17:34307457:T:C
Proxy SNP: 17:34307457:T:C
UKB log10(p): 3249.4
UKB BETA: -1.203
..*.*.*
1254:1238:1219:1218:27

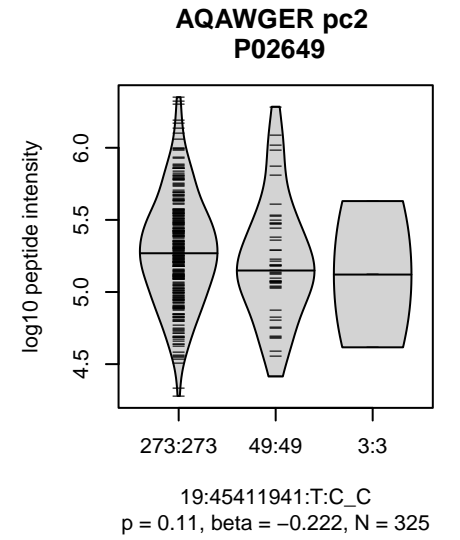
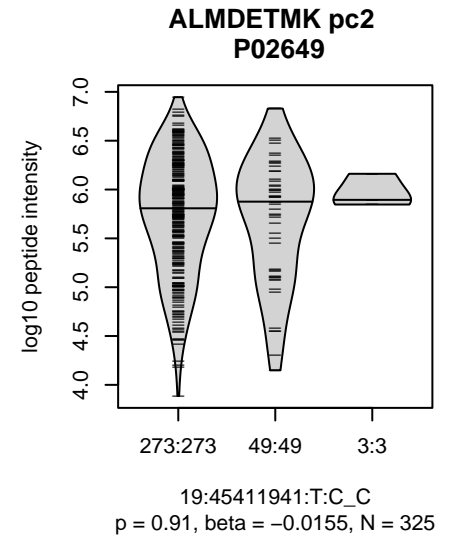
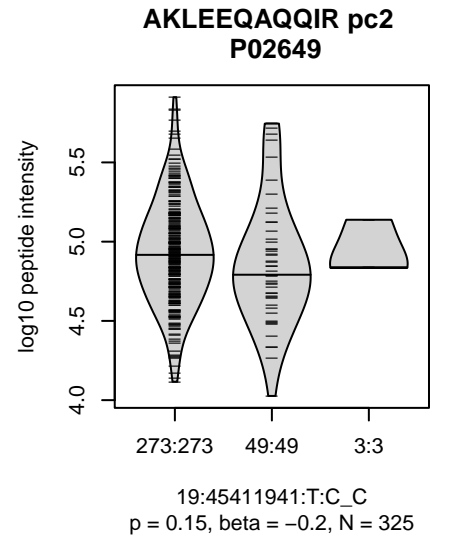
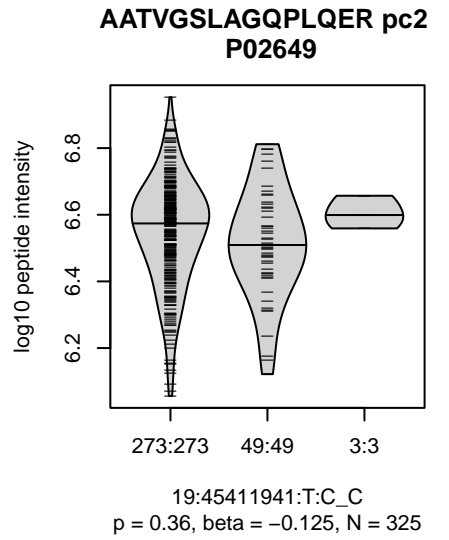
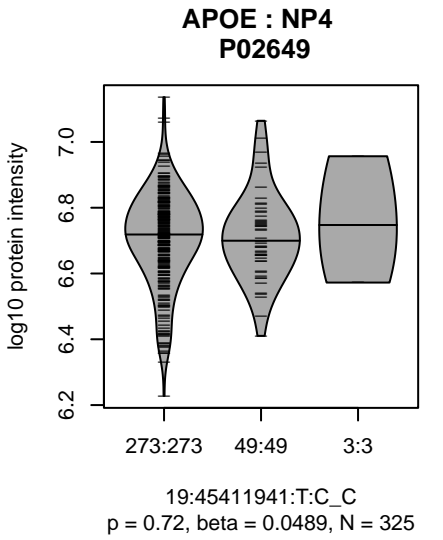
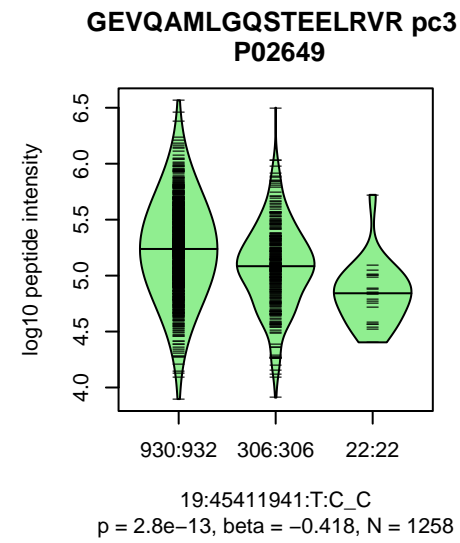
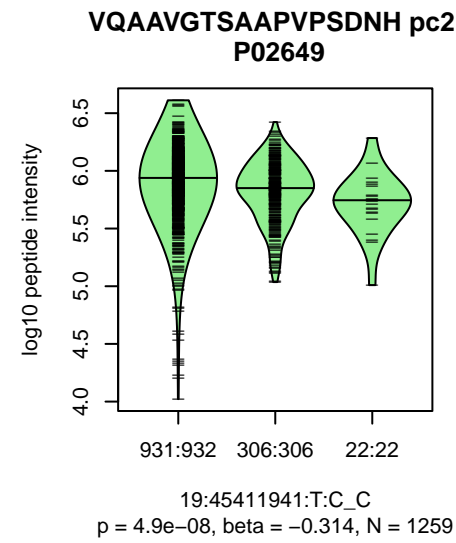
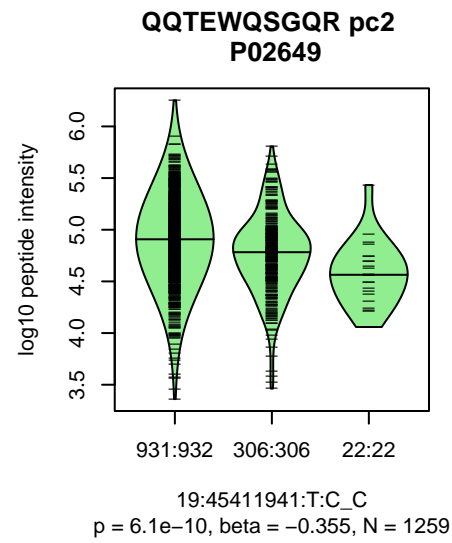
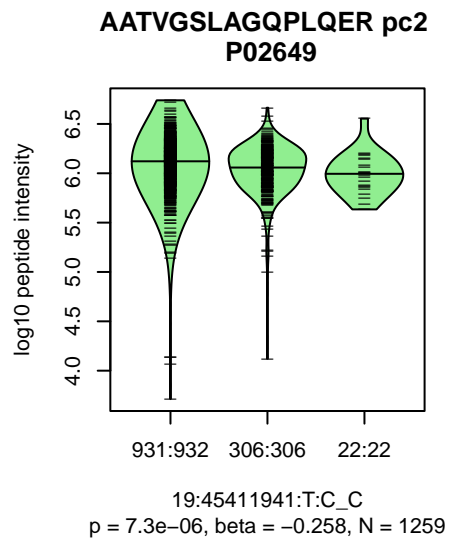
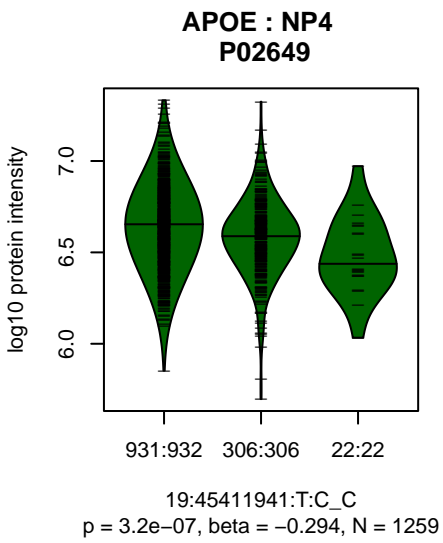


GIETGSEDMEILPNGLAFISSGLK pc CM971236 ALT **GIETGSEDLEILPNGLAFISSGLK pc PNLNDIVAVGPEHFYGTNDHYFLDPYL CM971236 REF** **rs662 ALT**

Assay Target: PON1
 Olink UniProt: P27169
 UKB rsID: rs705379
 Proxy rsID: rs705379
 UKB SNP: 7:94953895:G:A
 Proxy SNP: 7:94953895:G:A
 UKB log10(p): 3107.2
 UKB BETA: -0.739

 1259:1259:1259:1259:1257:124

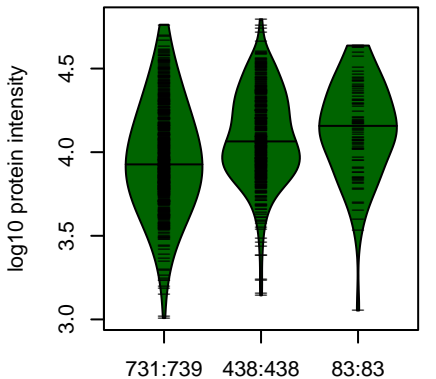




Assay Target: APOE
 Olink UniProt: P02649
 UKB rsID: rs429358
 Proxy rsID: rs429358
 UKB SNP: 19:45411941:T:C
 Proxy SNP: 19:45411941:T:C
 UKB log10(p): 3102.3
 UKB BETA: -0.99

 1259:1259:1259:1258:1258:125

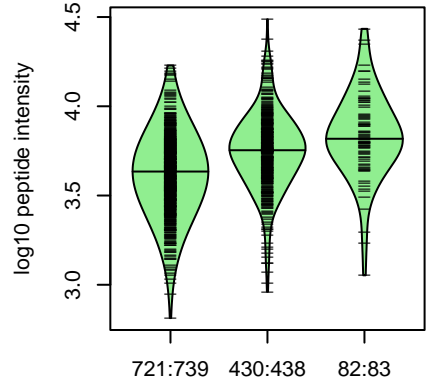
**FUT8 : NP1
Q9BYC5**



14:65796846:G:C_G
p = 9.2e-14, beta = 0.336, N = 1252

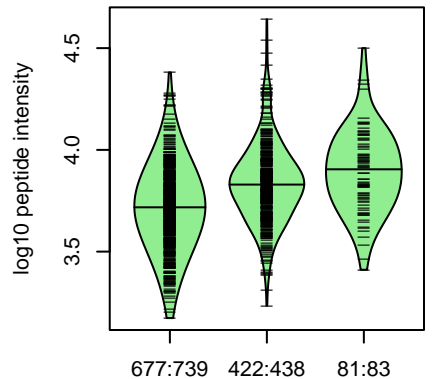
VYLATDDPSLLK pc2

10A669KAW1;G3XAD2;Q9BYC5-3;Q99KAW1;G3XAD2;Q9BYC5-2;Q9BYC5-



14:65796846:G:C_G
p = 3.5e-29, beta = 0.501, N = 1233

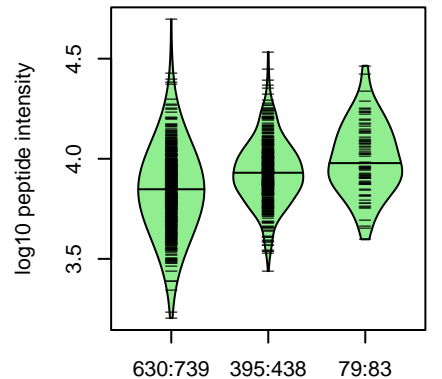
TLILESQNWR pc2



14:65796846:G:C_G
p = 2.5e-27, beta = 0.492, N = 1180

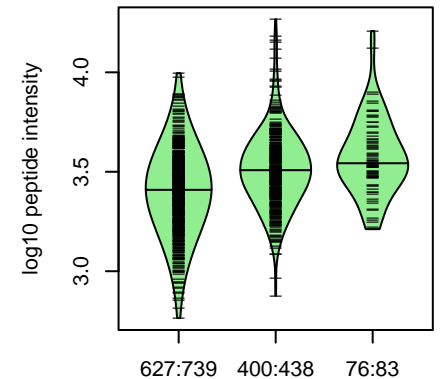
NLEGNELQR pc2

A0A669KAW1;Q9BYC5-2;Q9BYC5-3;Q9BYC5-1;A0A669KAW1;G3XAD2;Q9BYC5-3;Q9BYC5-2



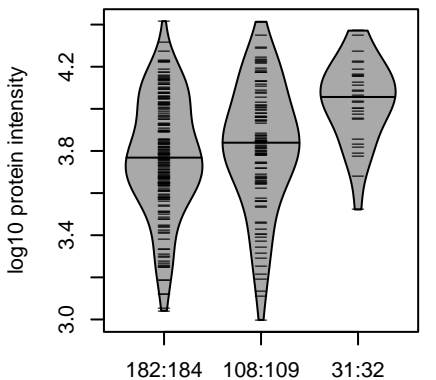
14:65796846:G:C_G
p = 2.1e-21, beta = 0.445, N = 1104

VHGDPVWVVSQFVK pc3



14:65796846:G:C_G
p = 6.5e-21, beta = 0.443, N = 1103

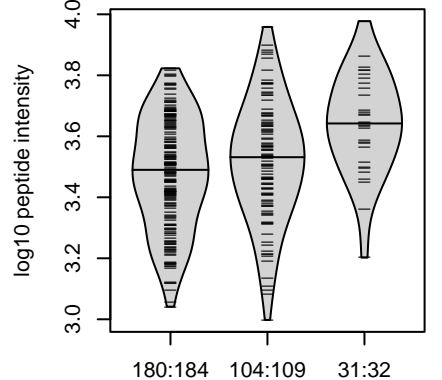
**FUT8 : NP1
Q9BYC5**



14:65796846:G:C_G
p = 2.3e-05, beta = 0.346, N = 321

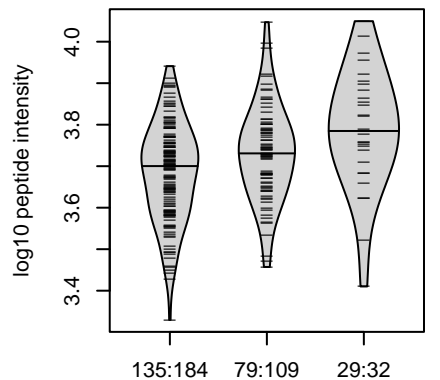
VYLATDDPSLLK pc2

10A669KAW1;G3XAD2;Q9BYC5-3;Q99KAW1;G3XAD2;Q9BYC5-2;Q9BYC5-1;Q9BYC5-2;Q9BYC5-3;Q9BYC5-1;Q9BYC5-2;Q9BYC5-3;Q9BYC5-1



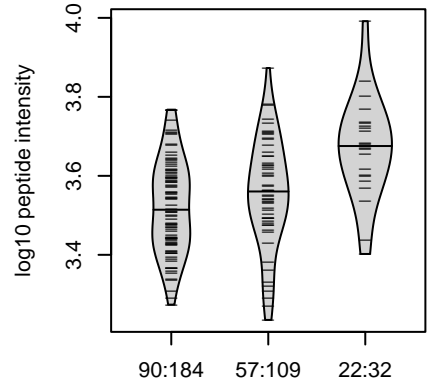
14:65796846:G:C_G
p = 4.7e-05, beta = 0.335, N = 315

TLILESQNWR pc2



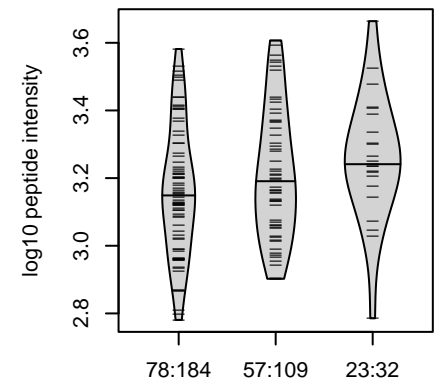
14:65796846:G:C_G
p = 3.2e-05, beta = 0.371, N = 243

ITYLQNPk pc2



14:65796846:G:C_G
p = 9.7e-06, beta = 0.458, N = 169

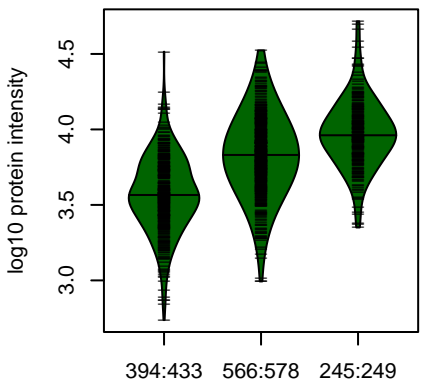
VHGDPVWVVSQFVK pc3



14:65796846:G:C_G
p = 0.03, beta = 0.233, N = 158

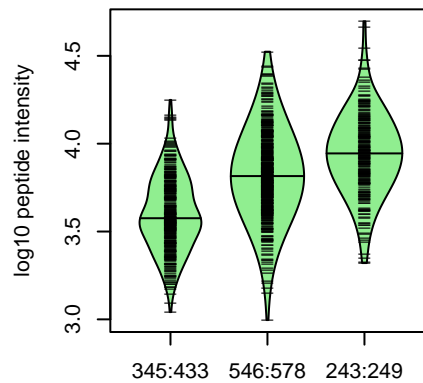
Assay Target: FUT8
Olink UniProt: Q9BYC5
UKB rsID: rs2127870
Proxy rsID: rs2127870
UKB SNP: 14:65796846:G:C
Proxy SNP: 14:65796846:G:C
UKB log10(p): 3097.8
UKB BETA: -0.905
*****-:-*-:-*****-:-
1233:1180:1104:1103:1050:979

**VMO1 : NP2
Q7Z5L0**



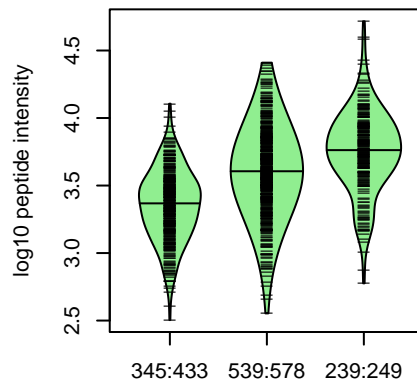
17:4690038:C:A_A
p = 3.5e-84, beta = 0.72, N = 1205

**GLGDDTALNDAR pc2
Q7Z5L0**



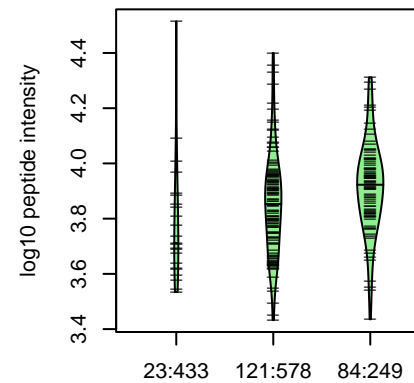
17:4690038:C:A_A
p = 9.3e-66, beta = 0.665, N = 1134

**VEAPTTLGDNTAANNVR pc2
Q7Z5L0**



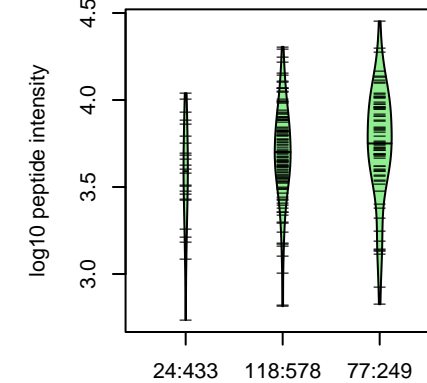
17:4690038:C:A_A
p = 9e-53, beta = 0.604, N = 1123

**GACGLQTK pc2
Q7Z5L0**



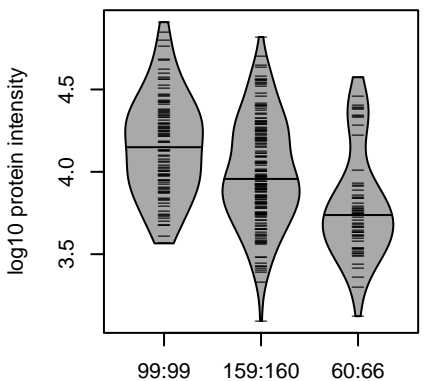
17:4690038:C:A_A
p = 0.00023, beta = 0.376, N = 228

**VEPPQGIPGDDTALNGIR pc2
Q7Z5L0;Q7Z5L0-3;Q7Z5L0-4**



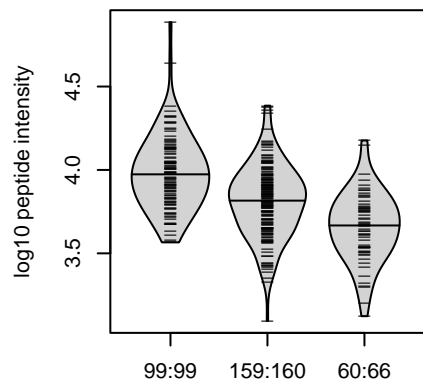
17:4690038:C:A_A
p = 0.012, beta = 0.261, N = 219

**VMO1 : NP2
Q7Z5L0**



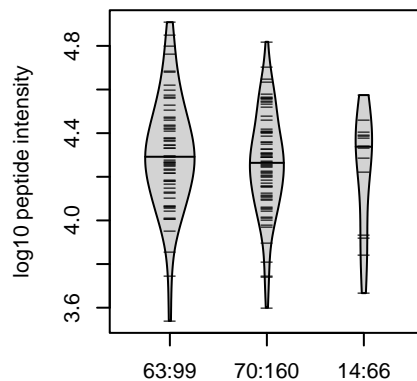
17:4690038:C:A_C
p = 7.6e-12, beta = -0.525, N = 318

**GLGDDTALNDAR pc2
Q7Z5L0**



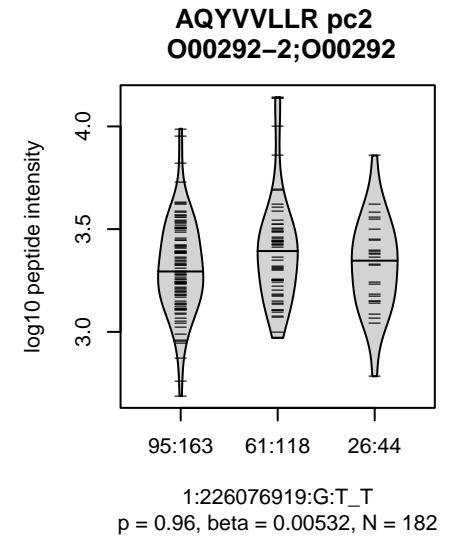
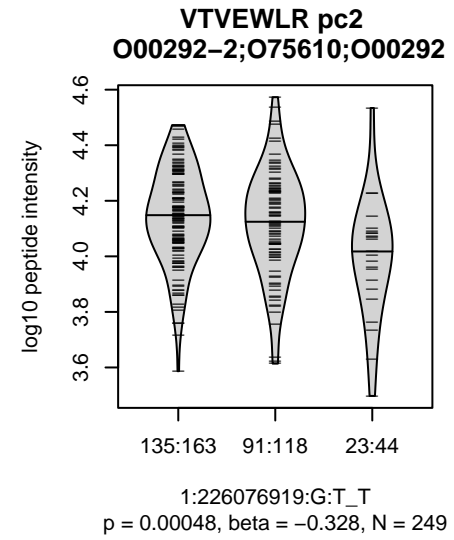
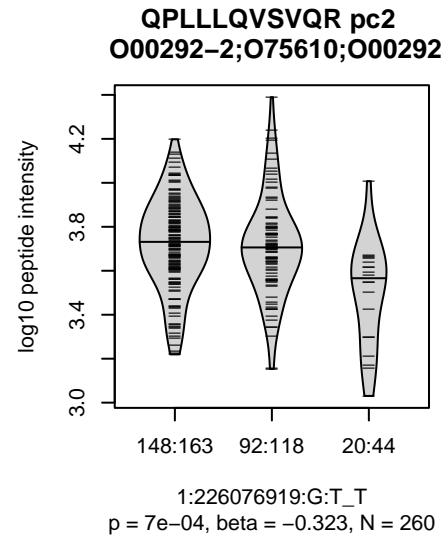
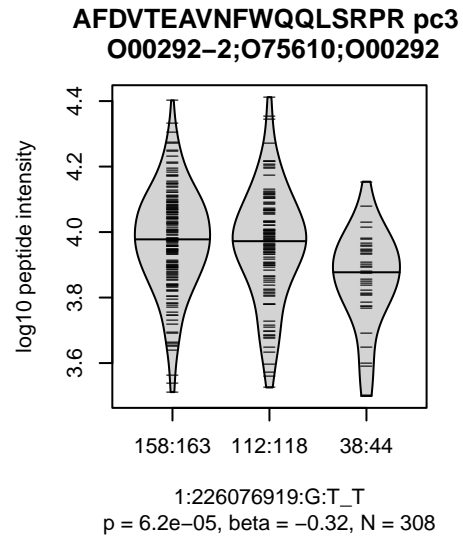
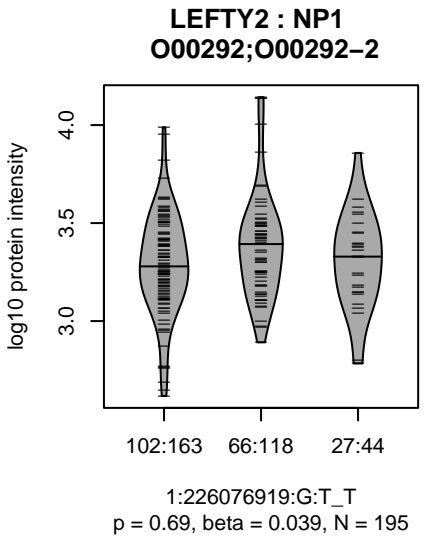
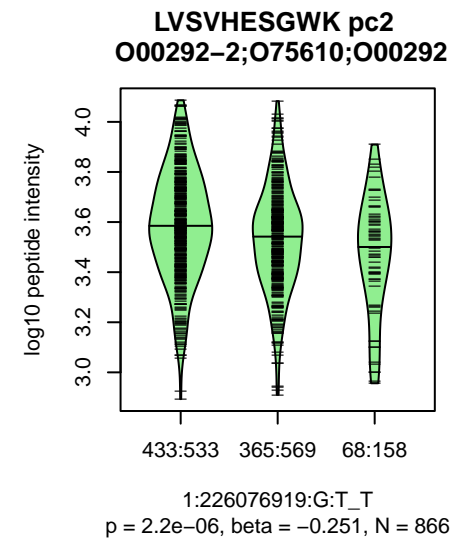
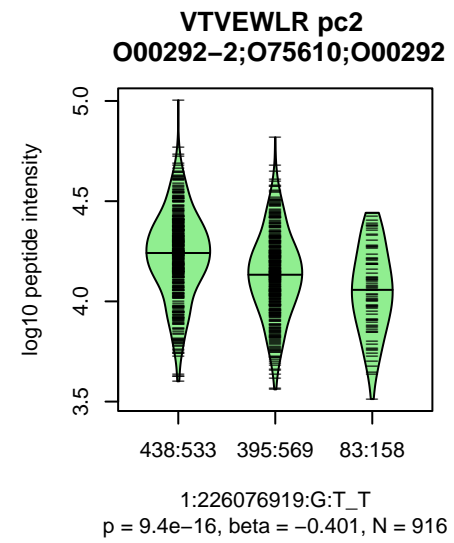
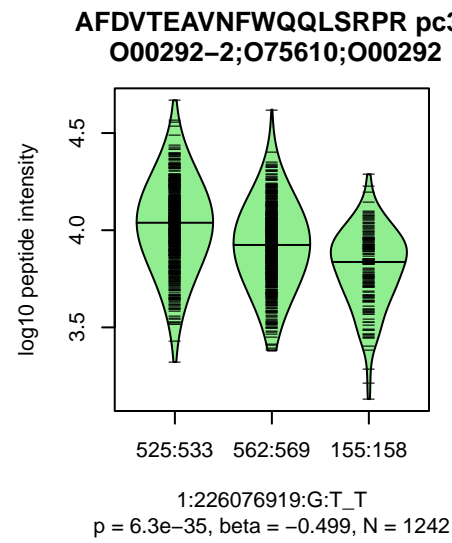
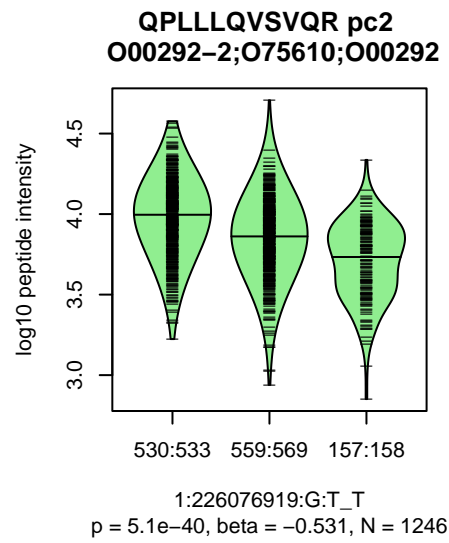
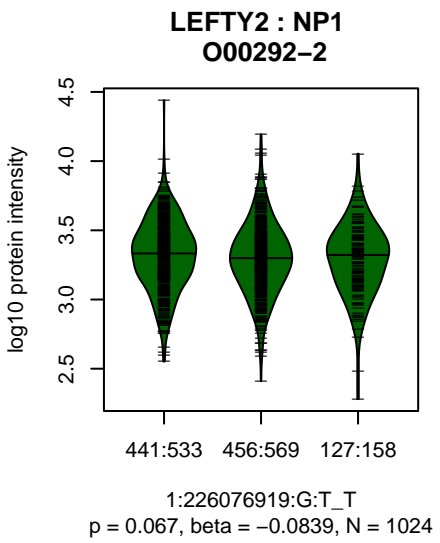
17:4690038:C:A_C
p = 1.4e-19, beta = -0.676, N = 318

**VEAPTTLGDNTAANNVR pc2
Q7Z5L0**



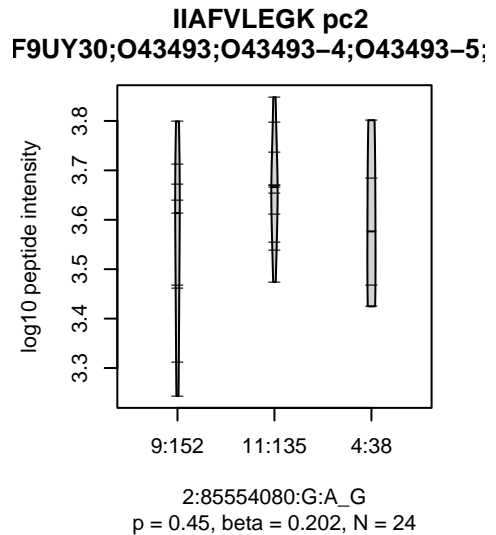
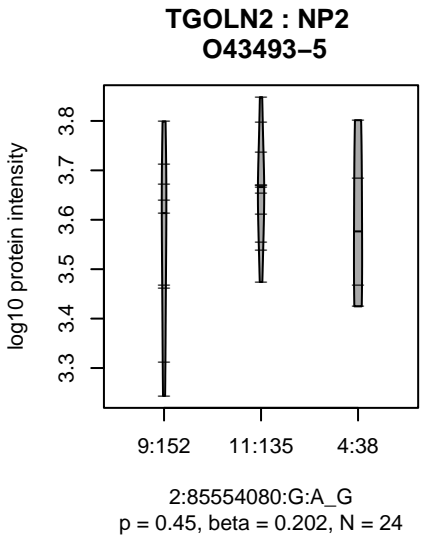
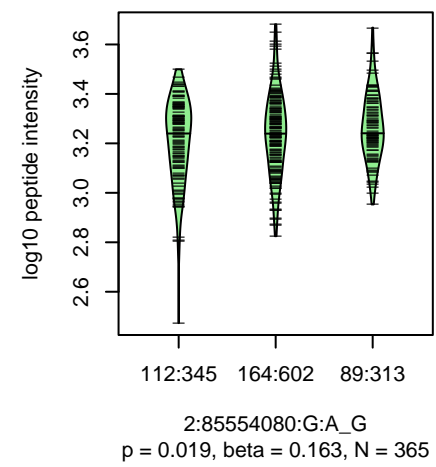
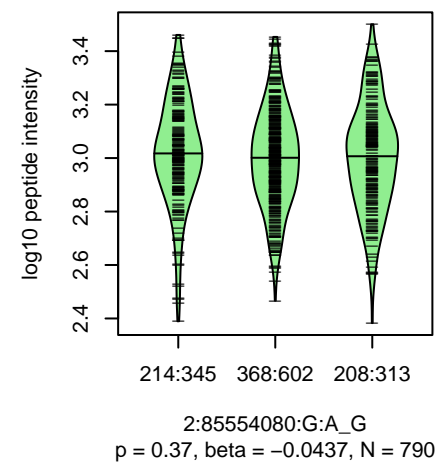
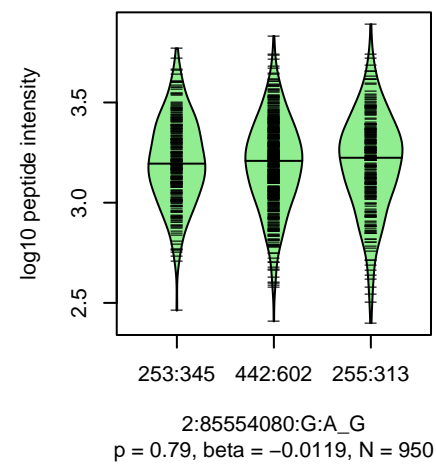
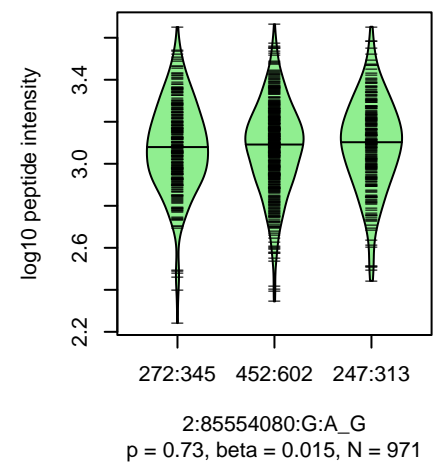
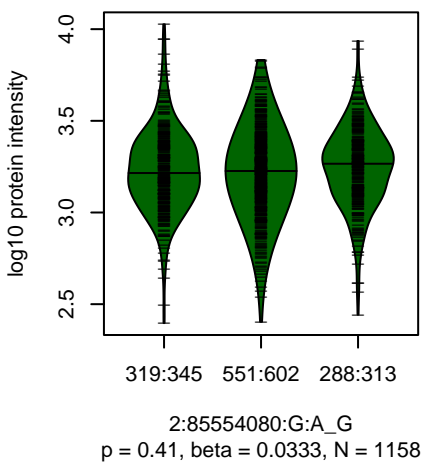
17:4690038:C:A_C
p = 0.12, beta = -0.194, N = 147

Assay Target: VMO1
Olink UniProt: Q7Z5L0
UKB rsID: rs8078118
Proxy rsID: rs8078118
UKB SNP: 17:4690038:C:A
Proxy SNP: 17:4690038:C:A
UKB log10(p): 3082.1
UKB BETA: 0.732
..*-_-.*
1134:1123:228:219:144:132



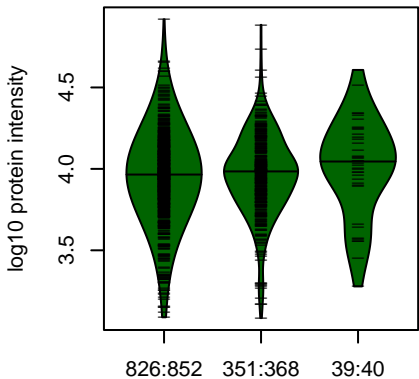
Assay Target: LEFTY2
 Olink UniProt: O00292
 UKB rsID: rs360058
 Proxy rsID: rs360058
 UKB SNP: 1:226076919:G:T
 Proxy SNP: 1:226076919:G:T
 UKB log10(p): 2990.7
 UKB BETA: -0.709
 :-:-:-:-:-
 1246:1242:916:866:856:628:337

TGOLN2 : NP2 **SGAEAQTPEDSPNR pc2** **SGAEEQGPIDGPSK pc2** **SSAEAQTPEDTPNK pc2** **SSEPTEDVEPK pc2**
A0A5F9UY30;O43493;O43493-5;O43493-5 **F9UY30;O43493;O43493-4;O43493-5** **F9UY30;O43493;O43493-4;O43493-5** **F9UY30;O43493;O43493-4;O43493-5** **F9UY30;O43493;O43493-4;O43493-5**



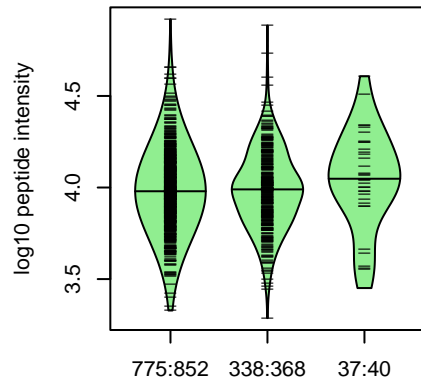
Assay Target: TGOLN2
 Olink UniProt: O43493
 UKB rsID: rs4247303
 Proxy rsID: rs4247303
 UKB SNP: 2:85554080:G:A
 Proxy SNP: 2:85554080:G:A
 UKB log10(p): 2870.9
 UKB BETA: -0.688
 -: -: -: -: NA
 971:950:790:365:24:12

**CPVL : NP5
Q9H3G5**



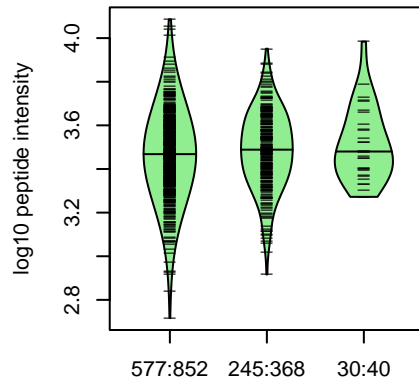
7:29160604:C:T_T
p = 0.16, beta = 0.0746, N = 1216

**FLSLPEVR pc2
Q9H3G5**



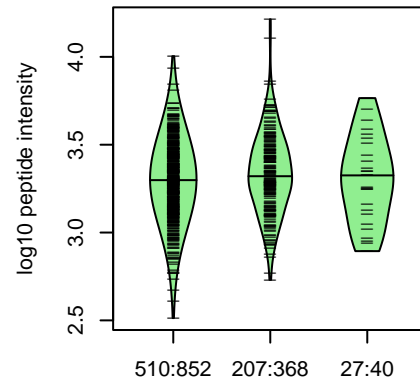
7:29160604:C:T_T
p = 0.44, beta = 0.0419, N = 1150

**NNDFYVTGESYAGK pc2
Q9H3G5**



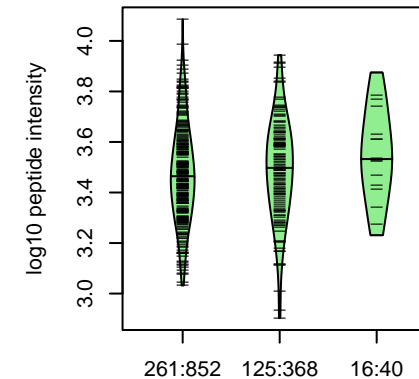
7:29160604:C:T_T
p = 0.06, beta = 0.117, N = 852

**QNWFEAFEILDK pc2
Q9H3G5**



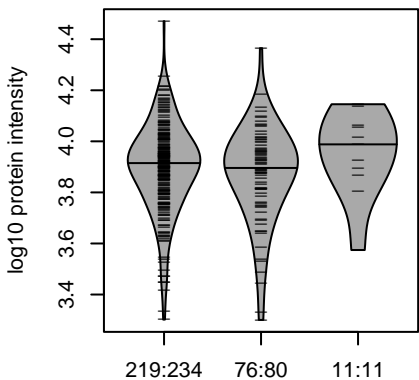
7:29160604:C:T_T
p = 0.21, beta = 0.0839, N = 744

**YVPAIAHLIHLNPNVR pc3
Q9H3G5**



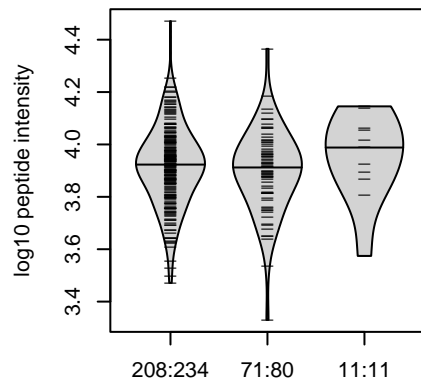
7:29160604:C:T_T
p = 0.086, beta = 0.15, N = 402

**CPVL : NP5
Q9H3G5**



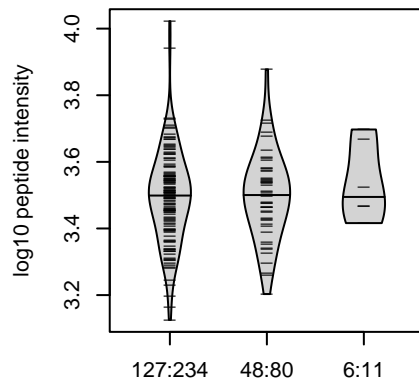
7:29160604:C:T_T
p = 0.7, beta = 0.0398, N = 306

**FLSLPEVR pc2
Q9H3G5**



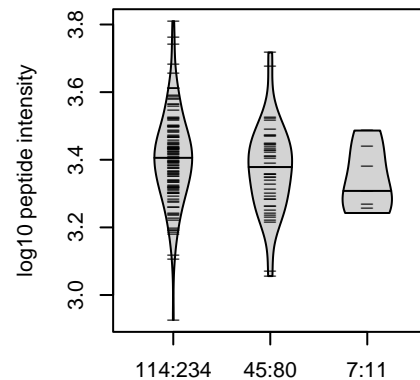
7:29160604:C:T_T
p = 0.78, beta = 0.0299, N = 290

**QNWFEAFEILDK pc2
Q9H3G5**



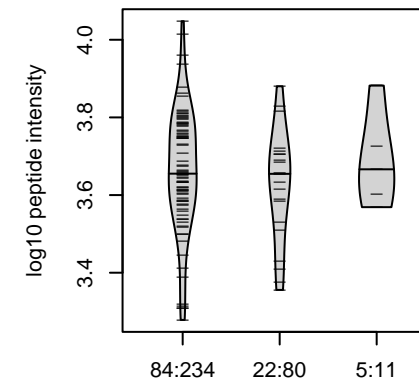
7:29160604:C:T_T
p = 0.48, beta = 0.0956, N = 181

**CTEPEDQLYYVK pc2
Q9H3G5**



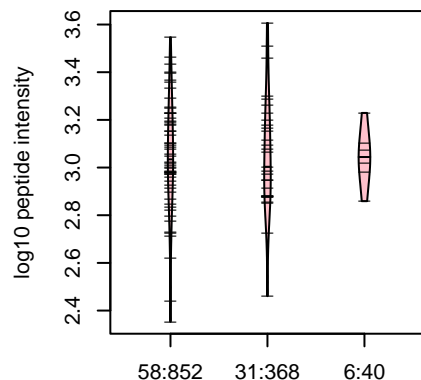
7:29160604:C:T_T
p = 0.033, beta = -0.288, N = 166

**NNDFYVTGESYAGK pc2
Q9H3G5**



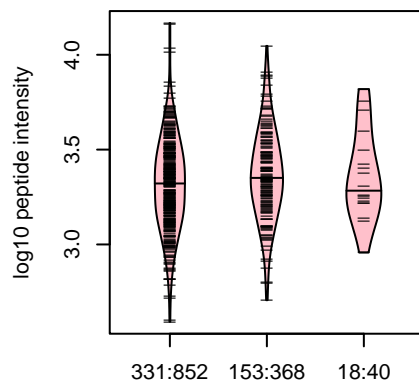
7:29160604:C:T_T
p = 0.2, beta = -0.219, N = 111

**VLIYNGQLDIIVAAALTER pc3
rs1052200 REF**



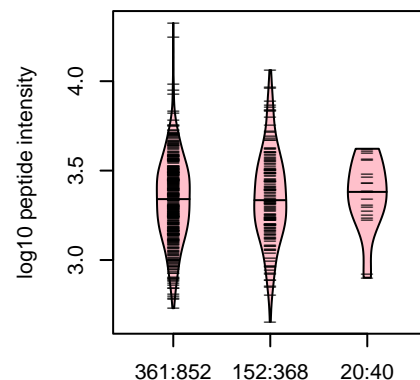
7:29160604:C:T_T
p = 0.12, model = DOM, N = 95

**QVGDFHQVIIR pc3
rs7313 ALT**



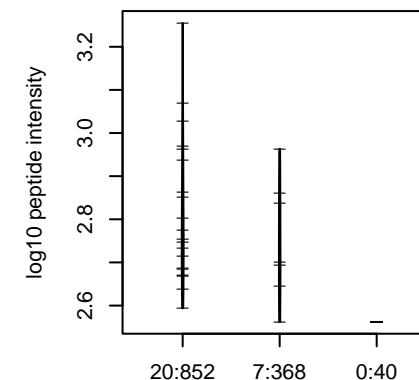
7:29160604:C:T_T
p = 0.33, model = REC, N = 502

**QAGDFHQVIIR pc3
rs7313 REF**



7:29160604:C:T_T
p = 0.33, model = DOM, N = 533

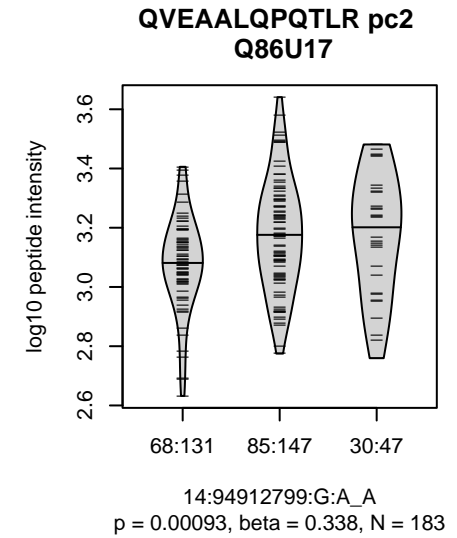
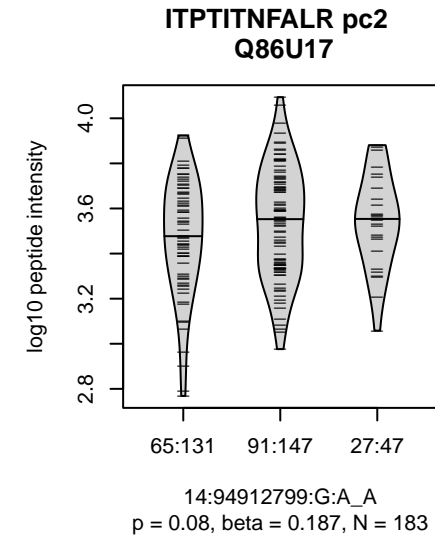
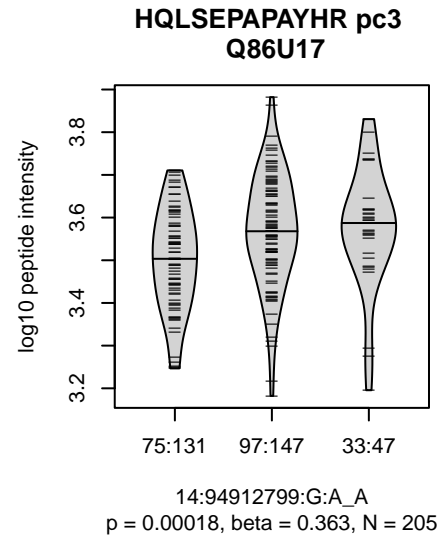
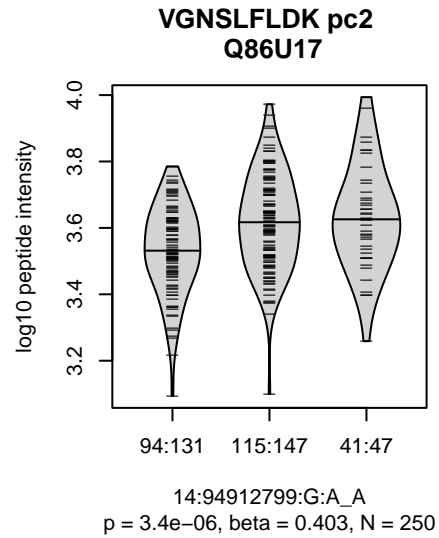
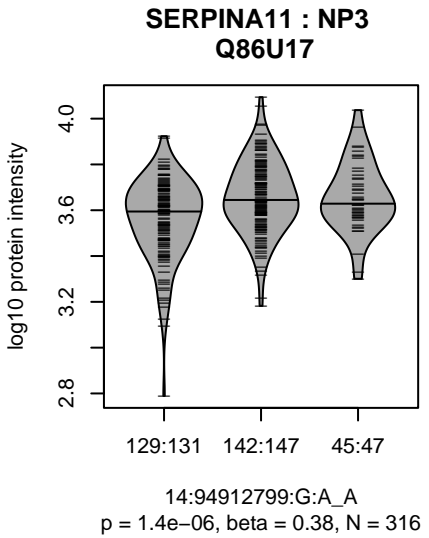
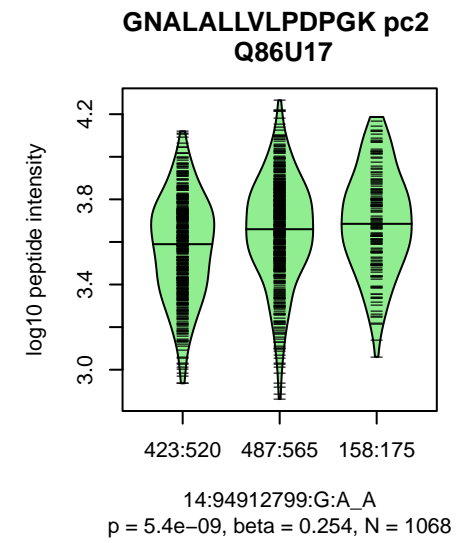
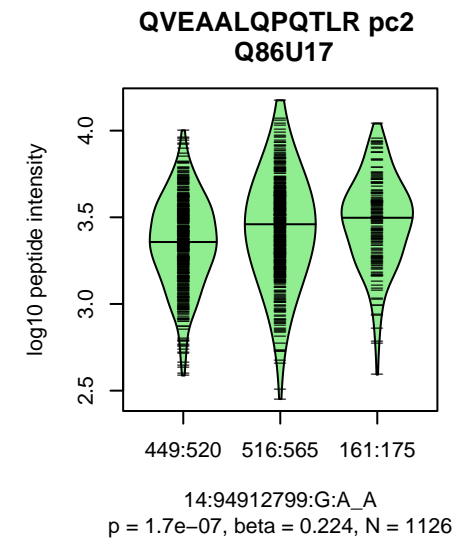
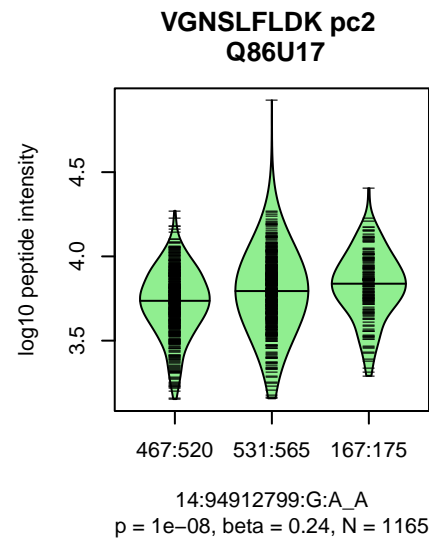
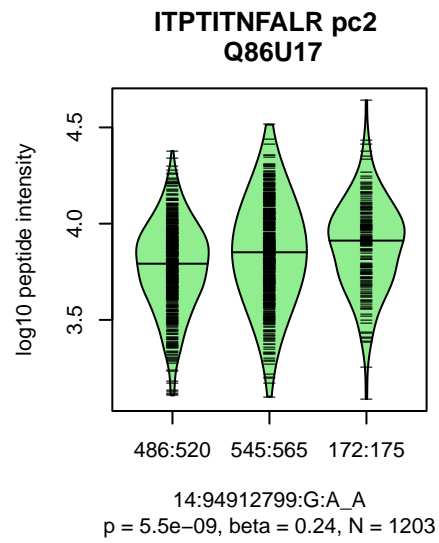
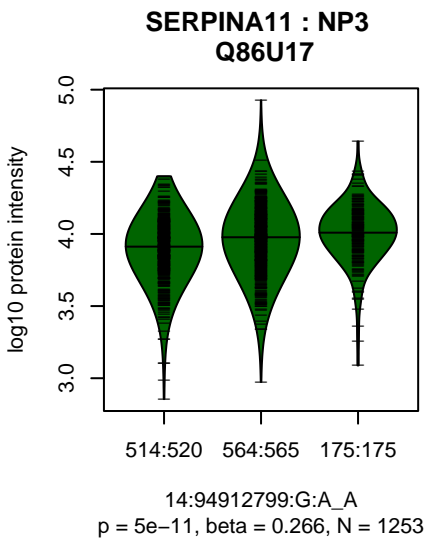
**QVGDFHQVIIR pc2
rs7313 ALT**



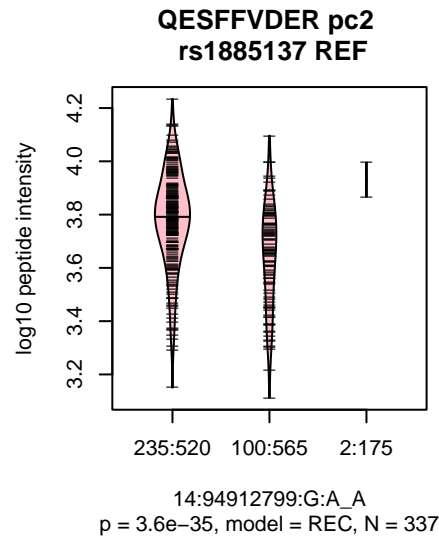
7:29160604:C:T_T
p = 0.54, model = REC, N = 27

Assay Target: CPVL
Olink UniProt: Q9H3G5
UKB rsID: rs34219043
Proxy rsID: rs34219043
UKB SNP: 7:29160604:C:T
Proxy SNP: 7:29160604:C:T
UKB log10(p): 2728.2
UKB BETA: -0.842

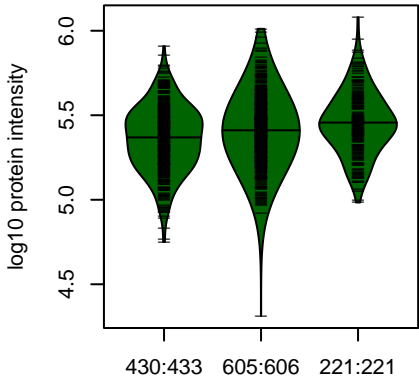
1150:852:744:402:399:345:90:4



Assay Target: SERPINA11
 Olink UniProt: Q86U17
 UKB rsID: rs12888805
 Proxy rsID: rs12888805
 UKB SNP: 14:94912799:G:A
 Proxy SNP: 14:94912799:G:A
 UKB log10(p): 2705.6
 UKB BETA: -0.625
 *****NA
 1203:1165:1126:1068:1019:931

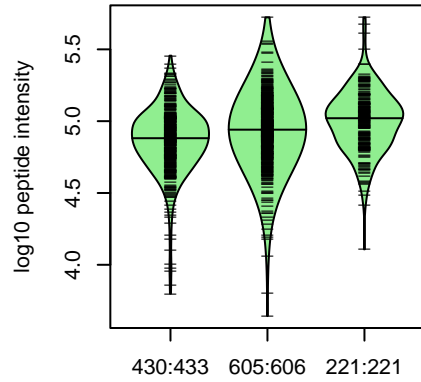


**SPARCL1 : NP2
Q14515**



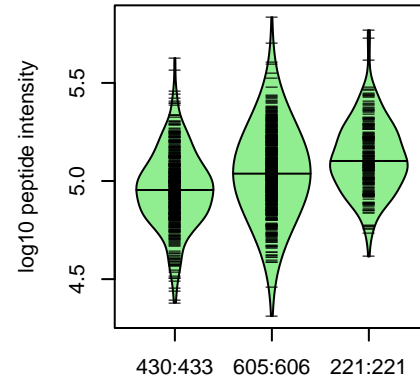
4:88413024:A:G_G
p = 8e-08, beta = 0.214, N = 1256

**AQSIAYHLK pc2
Q14515;Q14515-2**



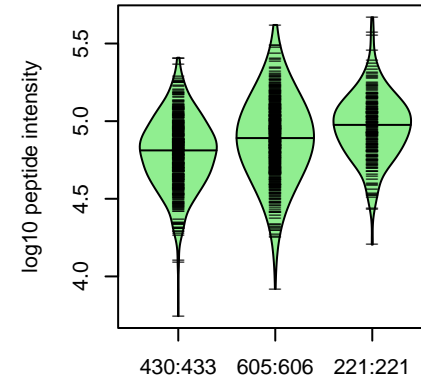
4:88413024:A:G_G
p = 3.3e-11, beta = 0.264, N = 1256

**ASLVPMEHCITR pc3
Q14515;Q14515-2**



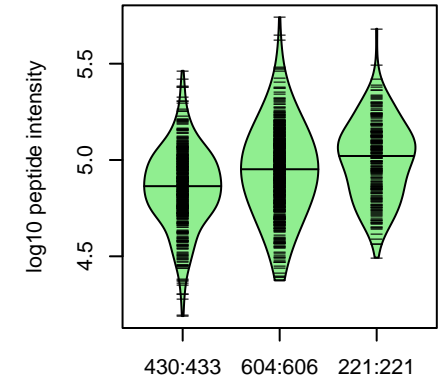
4:88413024:A:G_G
p = 6.7e-22, beta = 0.379, N = 1256

**GHQLQLDYFGACK pc3
Q14515;Q14515-2**



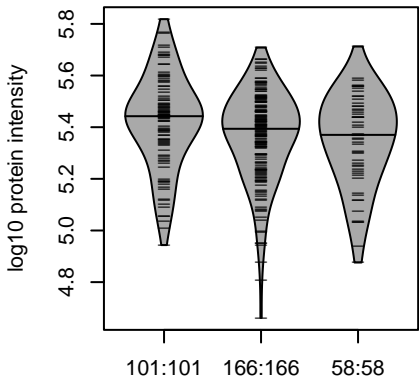
4:88413024:A:G_G
p = 1.9e-16, beta = 0.326, N = 1256

**LLAGDHPIDLLLR pc3
Q14515;Q14515-2**



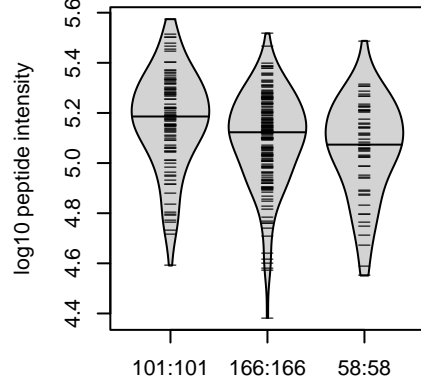
4:88413024:A:G_G
p = 1.8e-15, beta = 0.315, N = 1255

**SPARCL1 : NP2
Q14515**



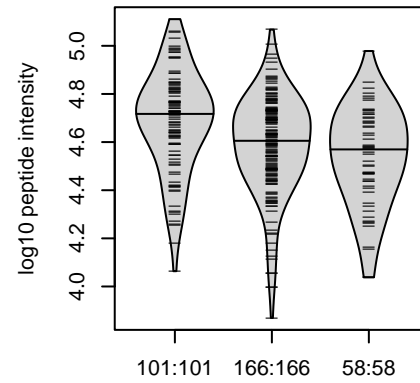
4:88413024:A:G_A
p = 0.0074, beta = -0.213, N = 325

**AQSIAYHLK pc2
Q14515;Q14515-2**



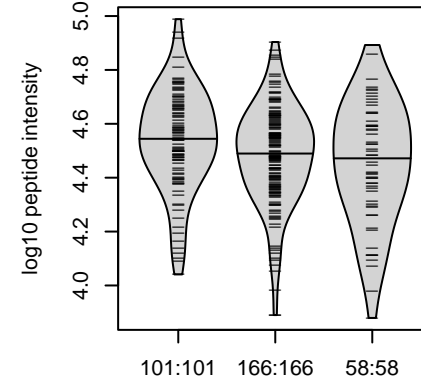
4:88413024:A:G_A
p = 8.1e-05, beta = -0.311, N = 325

**ASLVPMEHCITR pc2
Q14515;Q14515-2**



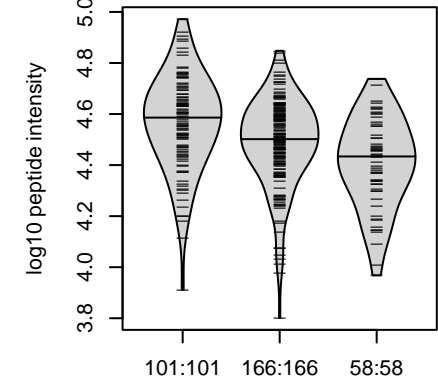
4:88413024:A:G_A
p = 3.4e-06, beta = -0.365, N = 325

**EDMSEPQEK pc2
Q14515**



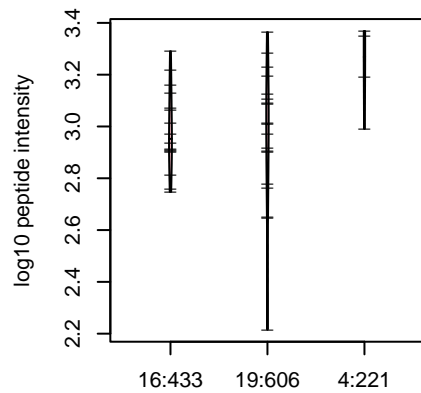
4:88413024:A:G_A
p = 0.0068, beta = -0.215, N = 325

**FFEECDPNK pc2
Q14515;Q14515-2**



4:88413024:A:G_A
p = 1e-07, beta = -0.416, N = 325

**KAENSSNEEETSSEGNMR pc3
rs1130643 REF**

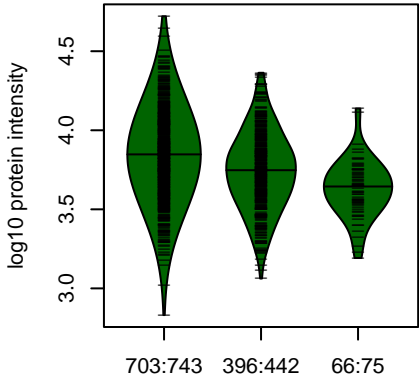


4:88413024:A:G_G
p = 0.29, model = DOM, N = 39

Assay Target: SPARCL1
Olink UniProt: Q14515
UKB rsID: rs56273319
Proxy rsID: rs56273319
UKB SNP: 4:88413024:A:G
Proxy SNP: 4:88413024:A:G
UKB log10(p): 2645.3
UKB BETA: 0.701

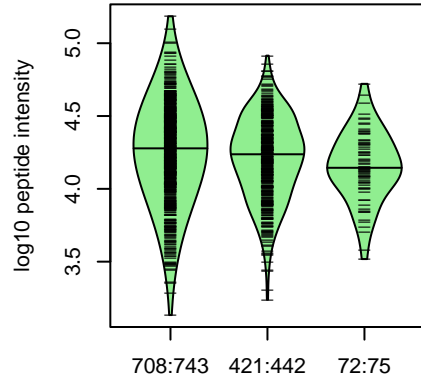
1256:1256:1256:1255:1255:125

CFHR4 : NP5
Q92496;Q92496-2



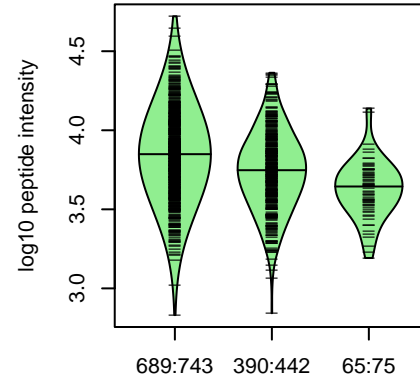
1:196877689:C:G_G
 p = 1.8e-14, beta = -0.367, N = 1165

TGDTIEFMCK pc2
2985;Q02985-2;Q92496;Q92496-2;Q9



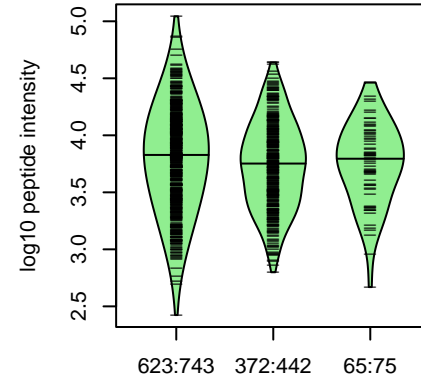
1:196877689:C:G_G
 p = 7.2e-05, beta = -0.187, N = 1201

FCDMPVFENSR pc2
Q92496;Q92496-2;Q92496-3



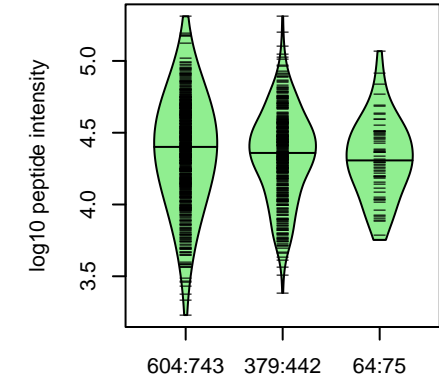
1:196877689:C:G_G
 p = 3.3e-15, beta = -0.381, N = 1144

CIHPCIITEENMNK pc3
2985;Q02985-2;Q92496;Q92496-2;Q92985;Q02985-2;Q92496;Q92496-2;Q9



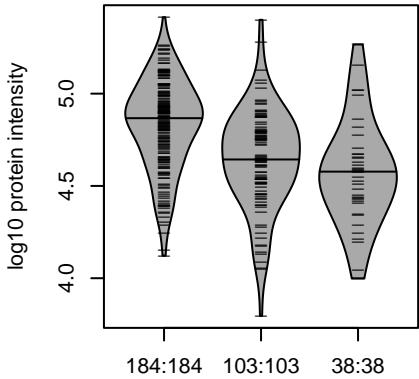
1:196877689:C:G_G
 p = 0.0067, beta = -0.136, N = 1060

VYVPQSR pc2
2985;Q02985-2;Q92496;Q92496-2;Q9



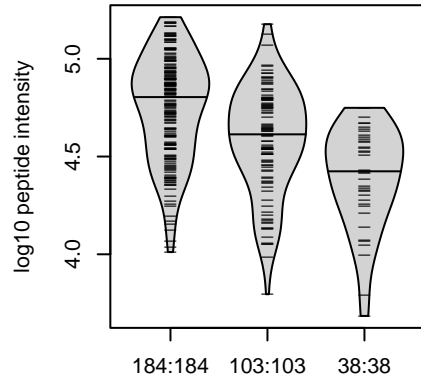
1:196877689:C:G_G
 p = 0.046, beta = -0.101, N = 1047

CFHR4 : NP5
Q92496;Q92496-2



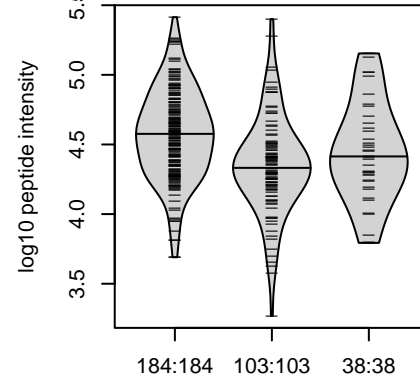
1:196877689:C:G_G
 p = 3.3e-07, beta = -0.396, N = 325

FCDMPVFENSR pc2
Q92496;Q92496-2;Q92496-3



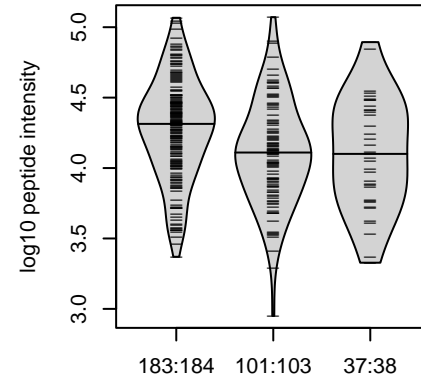
1:196877689:C:G_G
 p = 4.9e-06, beta = -0.356, N = 325

TGDTIEFMCK pc2
2985;Q02985-2;Q92496;Q92496-2;Q92985;Q02985-2;Q92496;Q92496-2;Q9



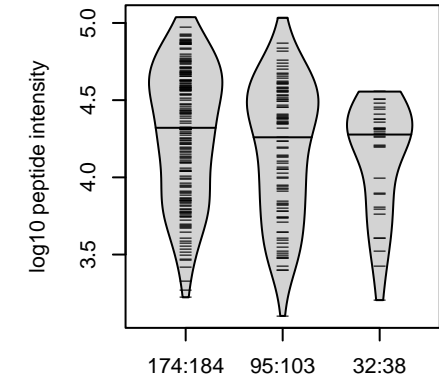
1:196877689:C:G_G
 p = 2.5e-05, beta = -0.329, N = 325

CIHPCIITEENMNK pc3
Q92496;Q92496-2



1:196877689:C:G_G
 p = 3.4e-05, beta = -0.326, N = 321

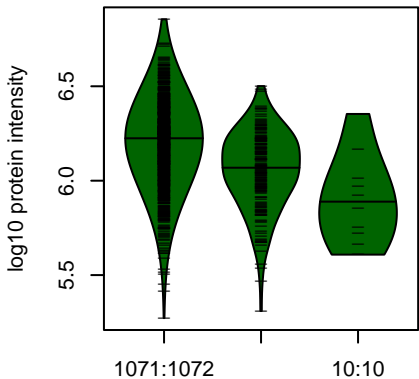
VYLPWSR pc2
Q92496;Q92496-2



1:196877689:C:G_G
 p = 0.1, beta = -0.136, N = 301

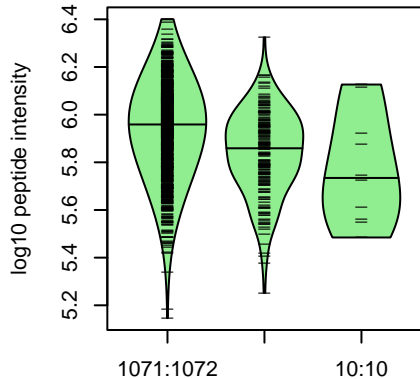
Assay Target: CFHR4
 Olink UniProt: Q92496
 UKB rsID: rs10922147
 Proxy rsID: rs10922147
 UKB SNP: 1:196877689:C:G
 Proxy SNP: 1:196877689:C:G
 UKB log10(p): 2512.3
 UKB BETA: -0.785
 ..*-.*.*-.-
 1201:1144:1060:1047:690:585:1

LBP : NP4
P18428



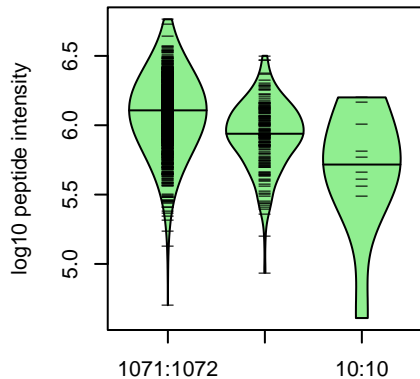
20:36997655:C:T_T
p = 8.3e-20, beta = -0.653, N = 1259

ATAQMLEVMFK pc2
P18428



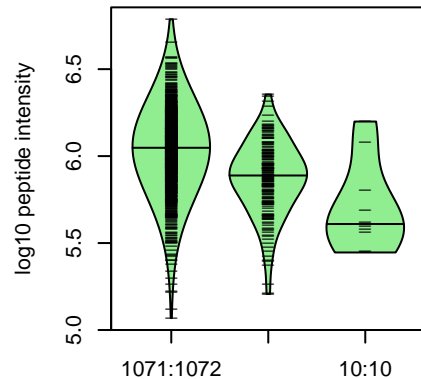
20:36997655:C:T_T
p = 1.2e-12, beta = -0.513, N = 1259

DFLFLGANVQYMR pc2
P18428



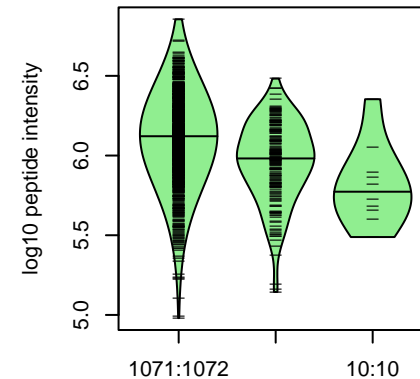
20:36997655:C:T_T
p = 5.6e-19, beta = -0.638, N = 1259

ICEMIQQ pc2
P18428



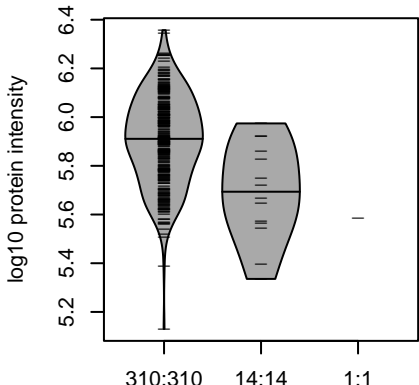
20:36997655:C:T_T
p = 1.7e-22, beta = -0.698, N = 1259

ITLPDFTGDLR pc2
P18428



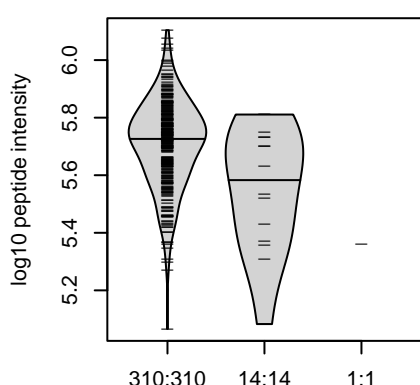
20:36997655:C:T_T
p = 3.9e-13, beta = -0.523, N = 1259

LBP : NP4
P18428



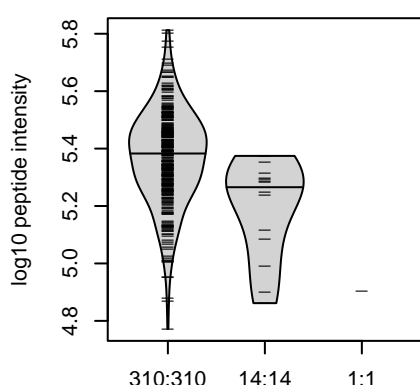
20:36997655:C:T_T
p = 2.3e-05, beta = -0.995, N = 325

ATAQMLEVMFK pc2
P18428



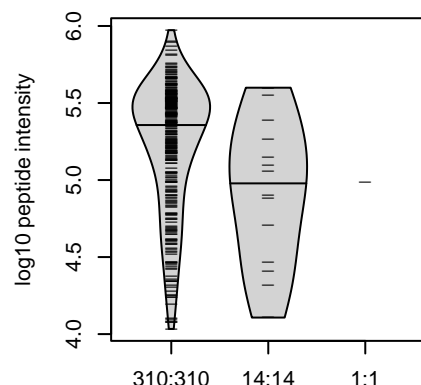
20:36997655:C:T_T
p = 2e-04, beta = -0.877, N = 325

DFLFLGANVQYMR pc2
P18428



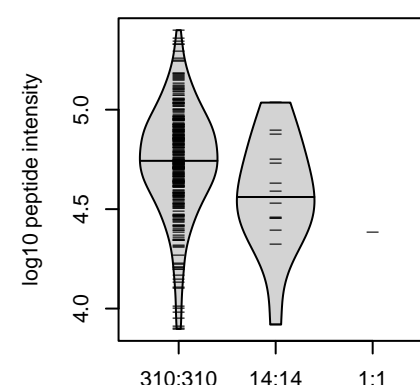
20:36997655:C:T_T
p = 2.9e-05, beta = -0.983, N = 325

ICEMIQQ pc2
P18428



20:36997655:C:T_T
p = 0.059, beta = -0.449, N = 325

ITLPDFTGDLRIPHVGR pc4
P18428

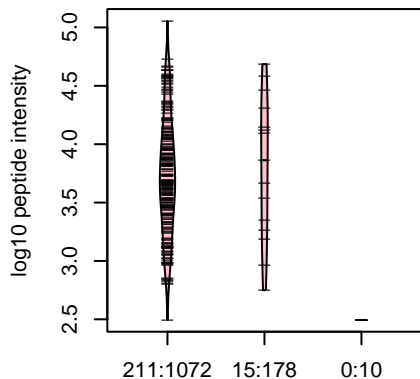


20:36997655:C:T_T
p = 0.013, beta = -0.591, N = 325

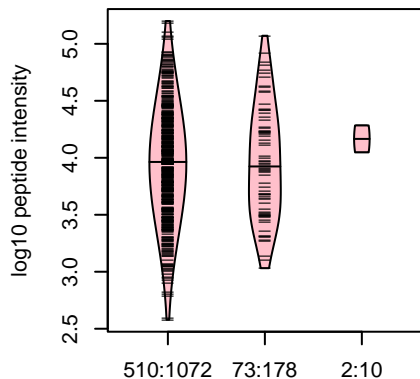
VGLFNAELLEALLNYYILNTLYPK pc **VGLFNAELLEALLNYYILNTFYPK pc**
rs2232618 ALT **rs2232618 REF**

Assay Target: LBP
Olink UniProt: P18428
UKB rsID: rs2232613
Proxy rsID: rs2232613
UKB SNP: 20:36997655:C:T
Proxy SNP: 20:36997655:C:T
UKB log10(p): 2409.8
UKB BETA: -1.174

1259:1259:1259:1259:1259:125

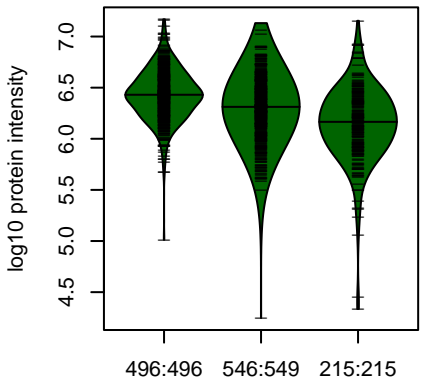


20:36997655:C:T_T
p = 5e-05, model = REC, N = 226



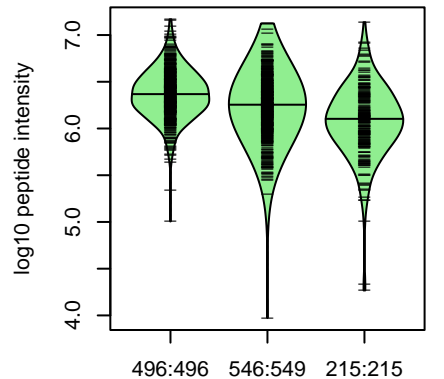
20:36997655:C:T_T
p = 0.057, model = REC, N = 585

FGL1 : NP5
Q08830



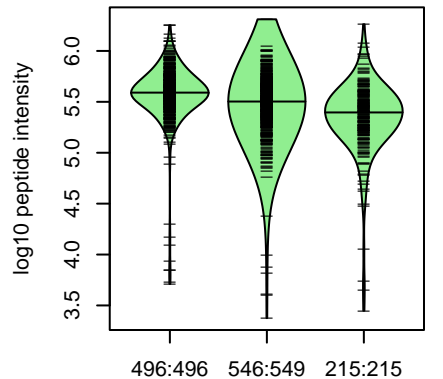
8:17742929:A:G_A
p = 6.5e-29, beta = -0.426, N = 1257

IRPNDFIPNVI pc2
Q08830



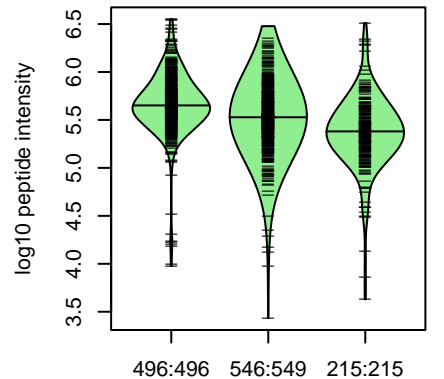
8:17742929:A:G_A
p = 9.2e-27, beta = -0.41, N = 1257

QLLQENEVQFLDK pc2
Q08830



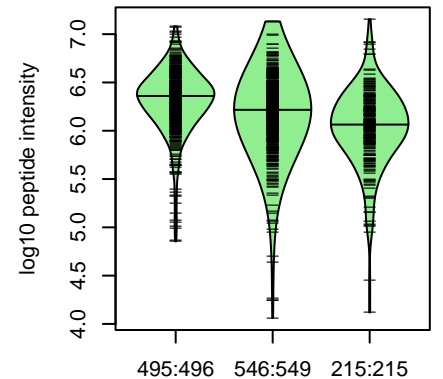
8:17742929:A:G_A
p = 6e-24, beta = -0.387, N = 1257

SDGSENFNR pc2
Q08830



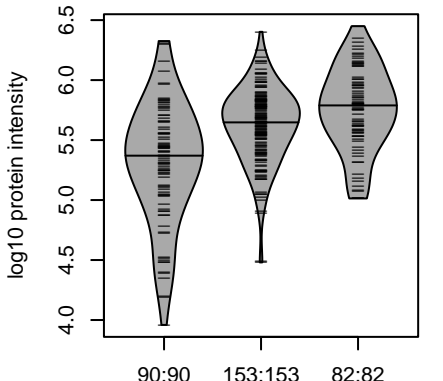
8:17742929:A:G_A
p = 7.8e-27, beta = -0.41, N = 1257

IDLADFEK pc2
Q08830



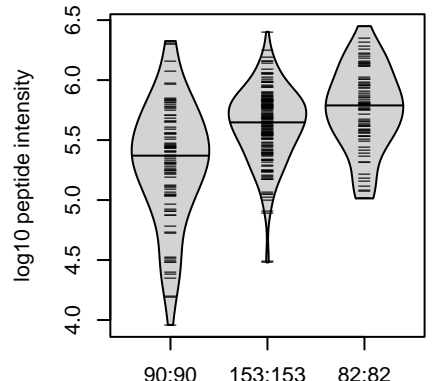
8:17742929:A:G_A
p = 2.2e-19, beta = -0.347, N = 1256

FGL1 : NP5
Q08830



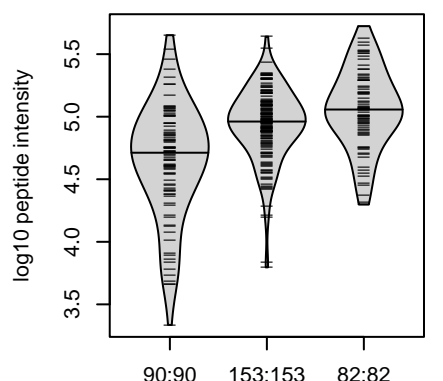
8:17742929:A:G_G
p = 4.4e-11, beta = 0.481, N = 325

IRPNDFIPNVI pc2
Q08830



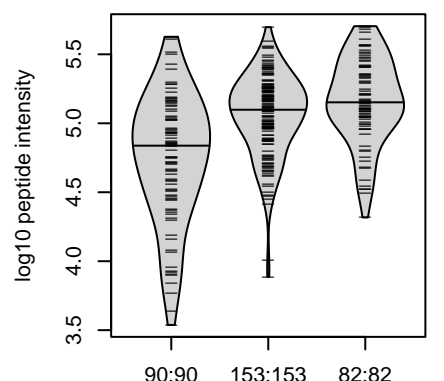
8:17742929:A:G_G
p = 4.3e-11, beta = 0.481, N = 325

NLHFLTQEDYTLK pc3
Q08830



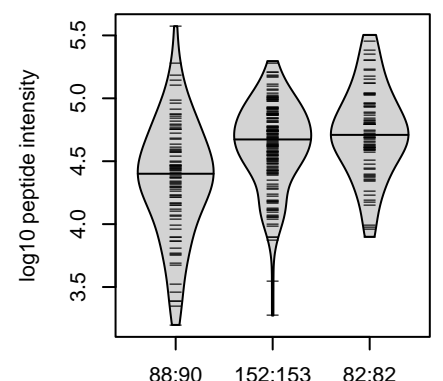
8:17742929:A:G_G
p = 9e-12, beta = 0.496, N = 325

QLLQENEVQFLDK pc2
Q08830



8:17742929:A:G_G
p = 1.6e-11, beta = 0.491, N = 325

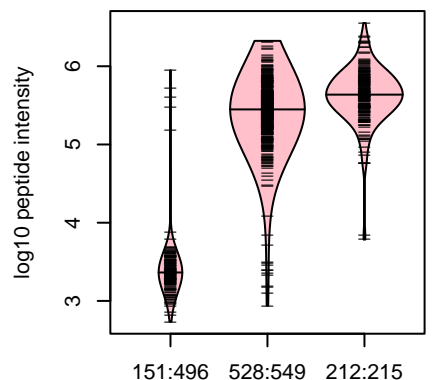
DYENGFGNFVQK pc2
Q08830



8:17742929:A:G_G
p = 2.6e-08, beta = 0.412, N = 322

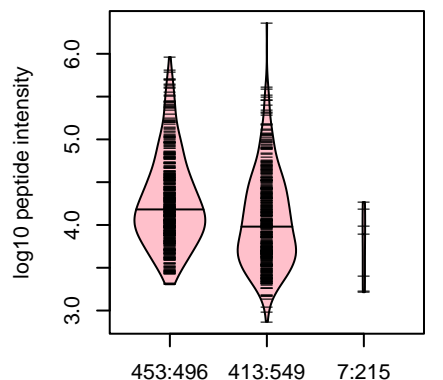
Assay Target: FGL1
Olink UniProt: Q08830
UKB rsID: rs2073562
Proxy rsID: rs2073562
UKB SNP: 8:17742929:A:G
Proxy SNP: 8:17742929:A:G
UKB log10(p): 2388.3
UKB BETA: 0.653
*****:NA
1257:1257:1257:1256:1256:125

GDENTVIDLGSK pc2
rs3739406 REF



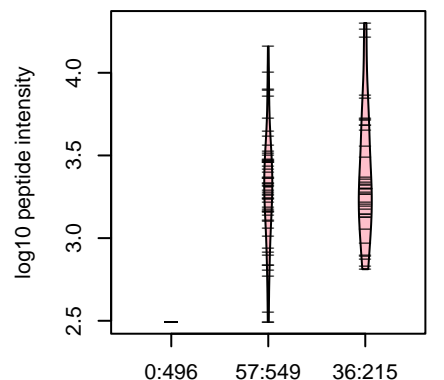
8:17742929:A:G_A
p = 8.7e-154, model = REC, N = 891

GDENTVVDLGSK pc2
rs3739406 ALT



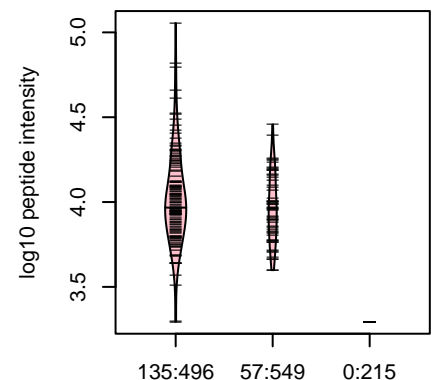
8:17742929:A:G_A
p = 1.1e-117, model = DOM, N = 873

GDENTVIDLGSKR pc2
rs3739406 REF

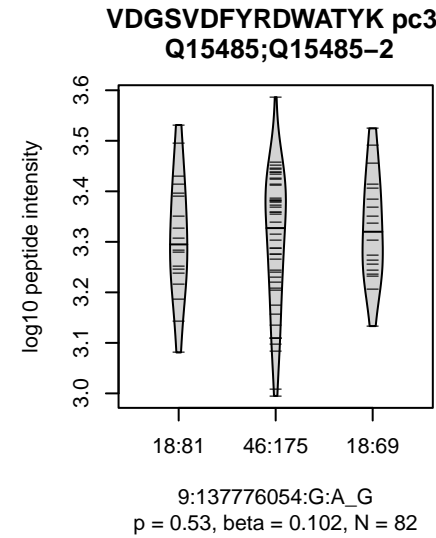
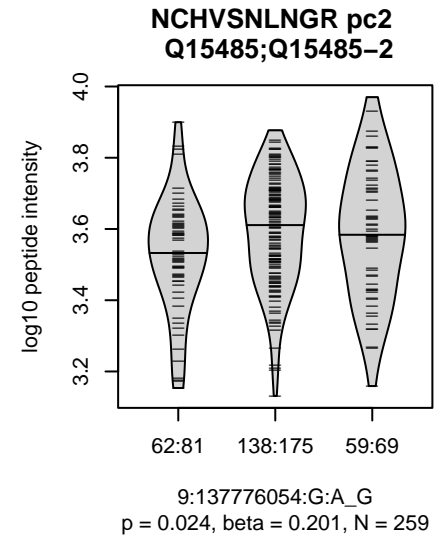
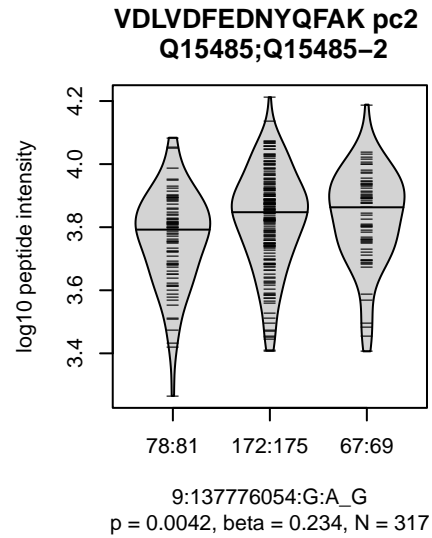
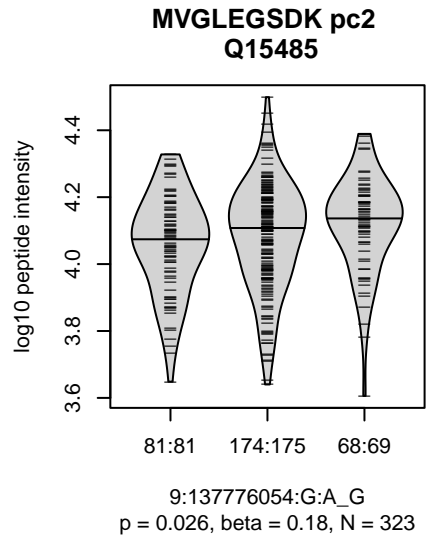
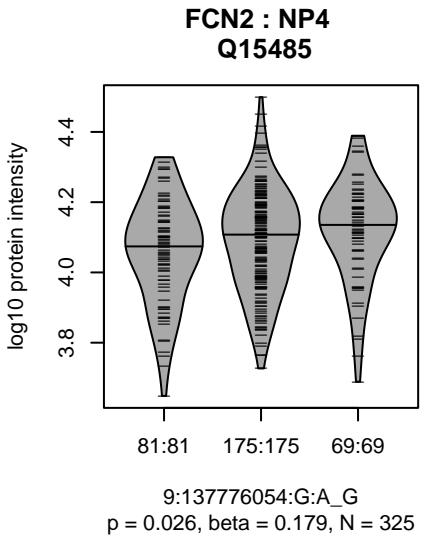
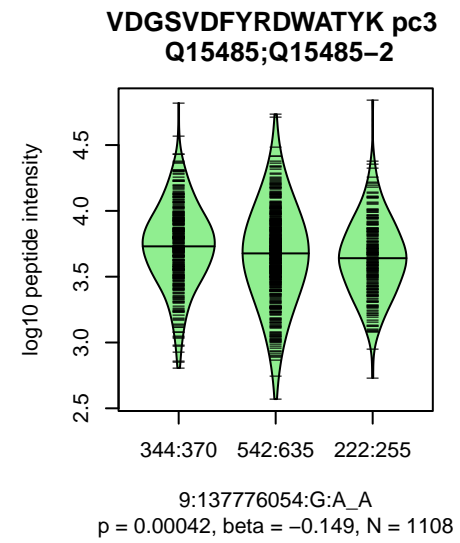
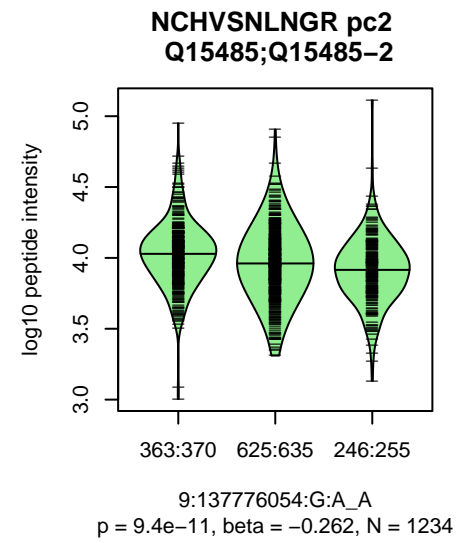
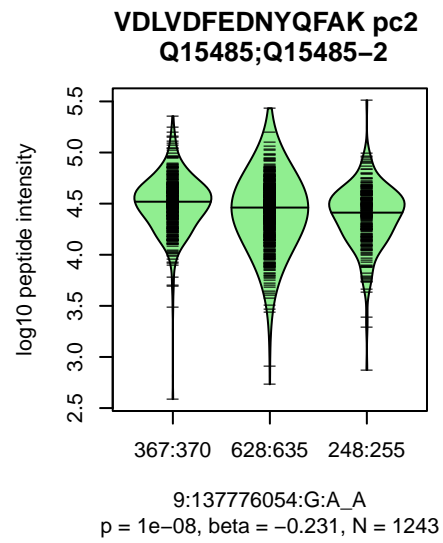
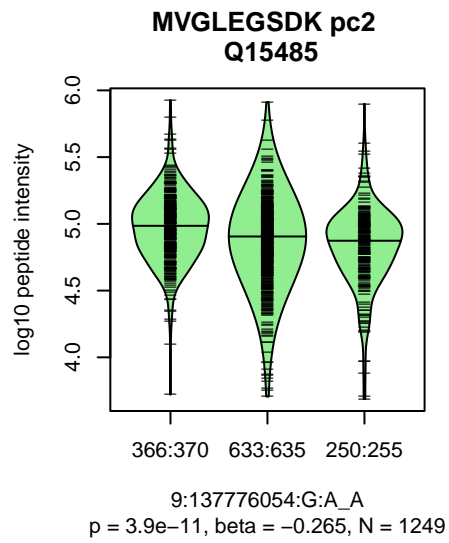
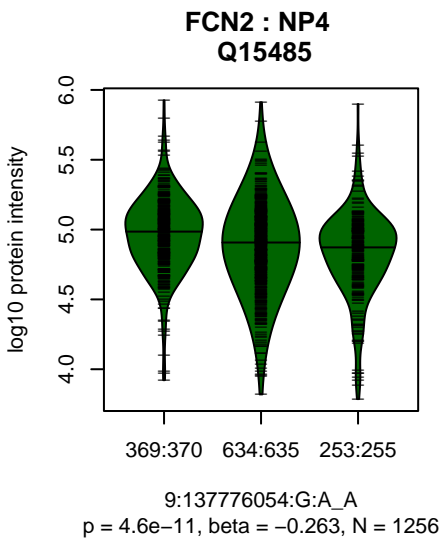


8:17742929:A:G_A
p = 1.2e-21, model = REC, N = 93

GDENTVVDLGSKR pc2
rs3739406 ALT

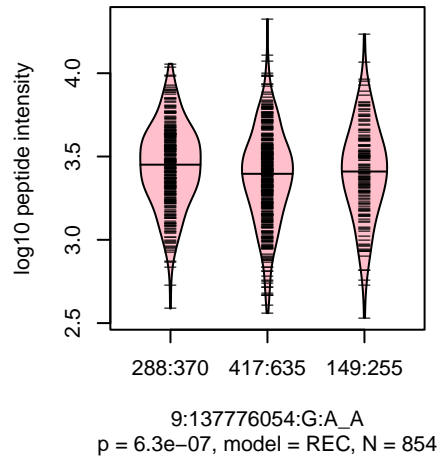


8:17742929:A:G_A
p = 4.3e-21, model = REC, N = 192

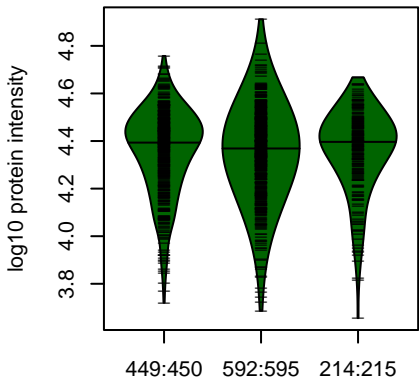


**DQDNDLNTGNCVAVMFQGAWWYK p
rs7851696 REF**

Assay Target: FCN2
Olink UniProt: Q15485
UKB rsID: rs7041446
Proxy rsID: rs7041446
UKB SNP: 9:137776054:G:A
Proxy SNP: 9:137776054:G:A
UKB log10(p): 2254.7
UKB BETA: -0.615
..*.*.*-.-.-.-.-
1249:1243:1234:1108:1023:948



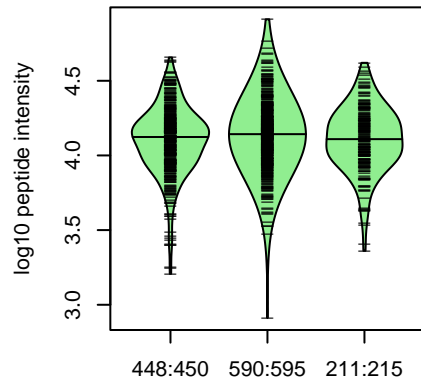
**LAMB1 : NP2
P07942**



7:107744217:A:G_G
p = 0.9, beta = -0.00528, N = 1255

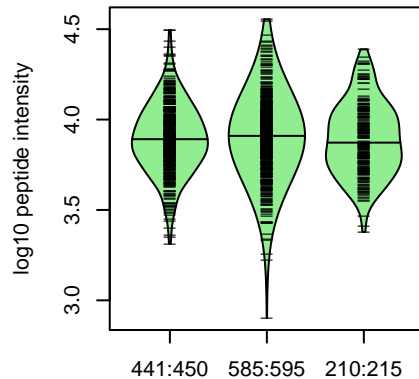
LHTLGDNLLDSR pc3

7:107744217:A:G_G; A0A7I2V407; A0A7I2V4J9; A0A7I2V5A0A7I2V3J7; A0A7I2V4J9; A0A7I2V5X5; A0A7I2V4J9; A0A7I2V5X5; G3XAI2; P017; A0A7I2V407; A0A7I2V4J9; A0A7I2V5



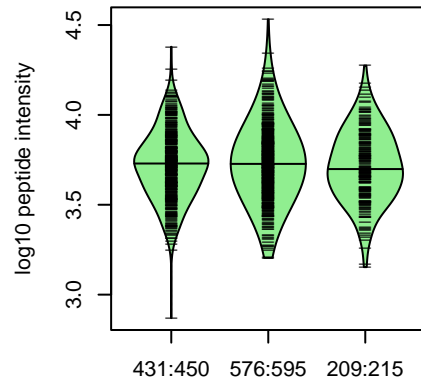
7:107744217:A:G_G
p = 0.26, beta = 0.0451, N = 1249

ELAEQLEFIK pc2



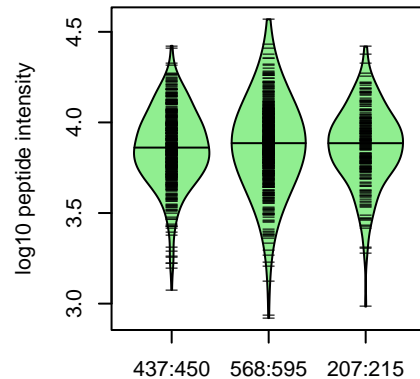
7:107744217:A:G_G
p = 0.92, beta = 0.00389, N = 1236

QSAEDILLK pc2



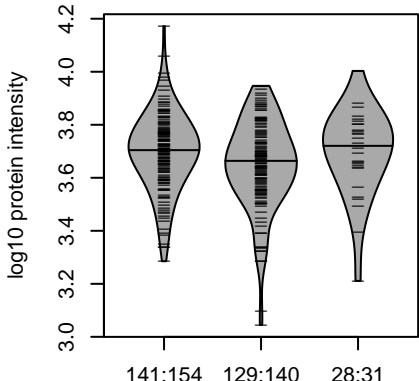
7:107744217:A:G_G
p = 0.88, beta = -0.00617, N = 1216

YSDIEPSTEGEVIFR pc2



7:107744217:A:G_G
p = 0.57, beta = 0.0233, N = 1212

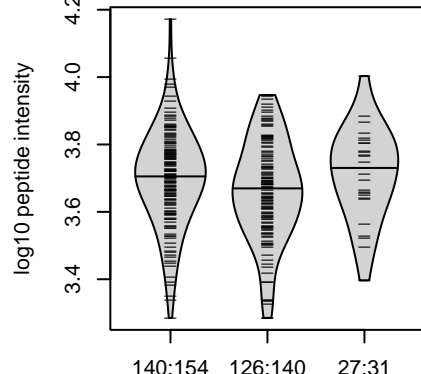
**LAMB1 : NP2
A0A7I2V4J9;P07942**



7:107744217:A:G_G
p = 0.1, beta = -0.143, N = 298

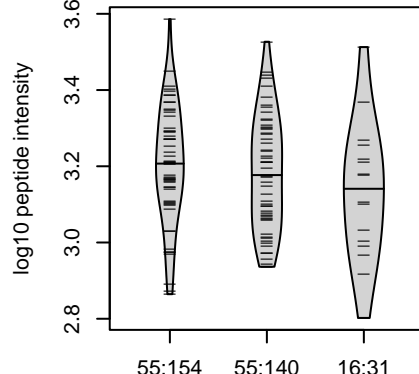
LHTLGDNLLDSR pc3

7:107744217:A:G_G; A0A7I2V407; A0A7I2V4J9; A0A7I2V57; A0A7I2V407; A0A7I2V4J9; A0A7I2V5



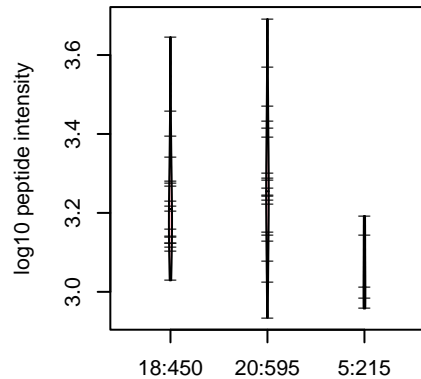
7:107744217:A:G_G
p = 0.21, beta = -0.11, N = 293

YSDIEPSTEGEVIFR pc2



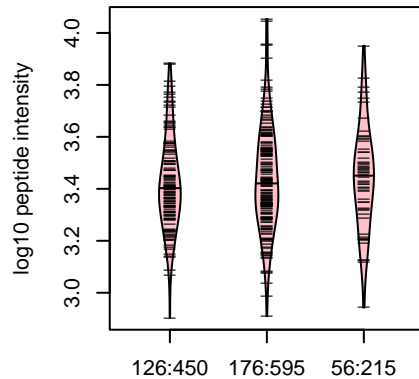
7:107744217:A:G_G
p = 0.11, beta = -0.205, N = 126

**FGYYGDALQQDCRK pc3
rs20556 REF**



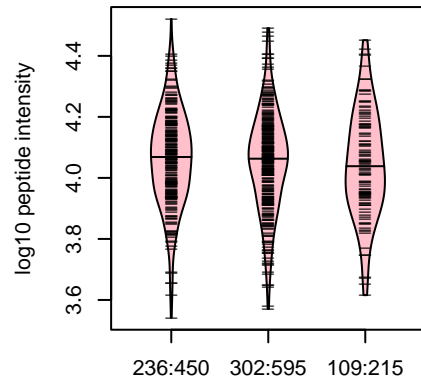
7:107744217:A:G_G
p = 0.41, model = DOM, N = 43

**FGYYGDALQQDCR pc2
rs20556 REF**



7:107744217:A:G_G
p = 0.45, model = DOM, N = 358

**FGYYGDALR pc2
rs20556 ALT**

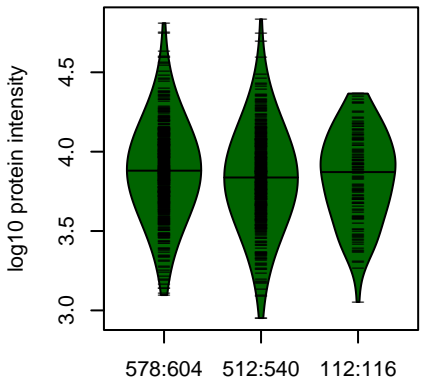


7:107744217:A:G_G
p = 0.6, model = REC, N = 647

Assay Target: LAMB1
Olink UniProt: P07942
UKB rsID: rs403731
Proxy rsID: rs403731
UKB SNP: 7:107744217:A:G
Proxy SNP: 7:107744217:A:G
UKB log10(p): 2217.9
UKB BETA: -0.625

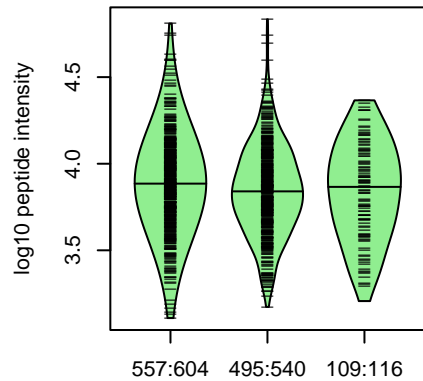
1249:1236:1216:1212:1211:120

**FUCA1 : NP5
P04066**



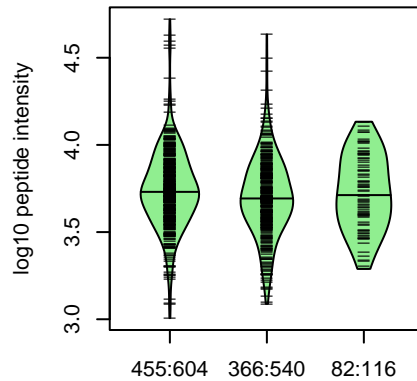
1:24180962:T:C_C
 $p = 0.027$, $\beta = -0.0977$, $N = 1202$

**ITMLGIQDLK pc2
P04066**



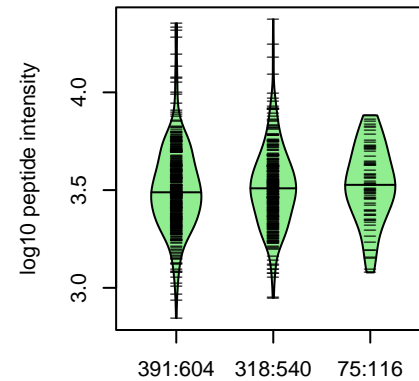
1:24180962:T:C_C
 $p = 0.021$, $\beta = -0.103$, $N = 1161$

**DLVGELGTALR pc2
P04066**



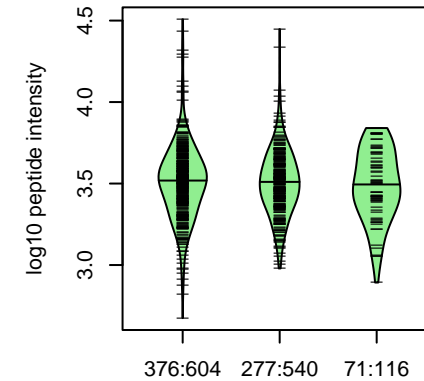
1:24180962:T:C_C
 $p = 0.21$, $\beta = -0.0632$, $N = 903$

**WEMCTSIDK pc2
P04066**



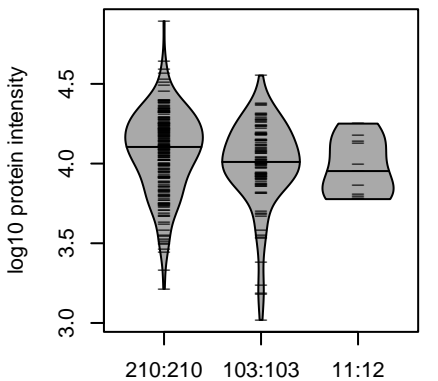
1:24180962:T:C_C
 $p = 0.27$, $\beta = 0.0595$, $N = 784$

**DGLIVPIFQER pc2
P04066**



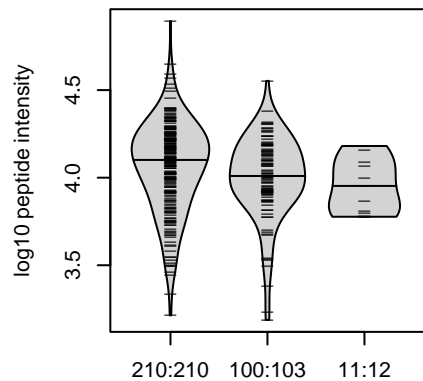
1:24180962:T:C_C
 $p = 0.83$, $\beta = 0.0118$, $N = 724$

**FUCA1 : NP5
P04066**



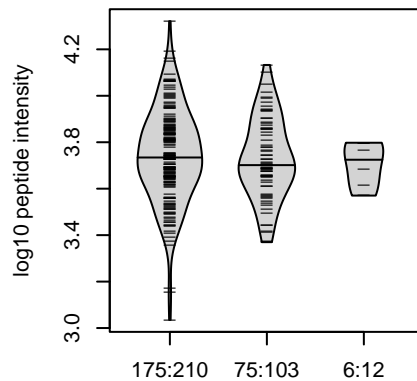
1:24180962:T:C_C
 $p = 0.033$, $\beta = -0.211$, $N = 324$

**DLVGELGTALR pc2
P04066**



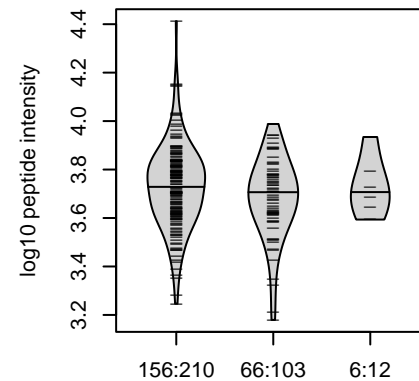
1:24180962:T:C_C
 $p = 0.051$, $\beta = -0.195$, $N = 321$

**FFHPEEWADLFQAAGAK pc3
P04066**



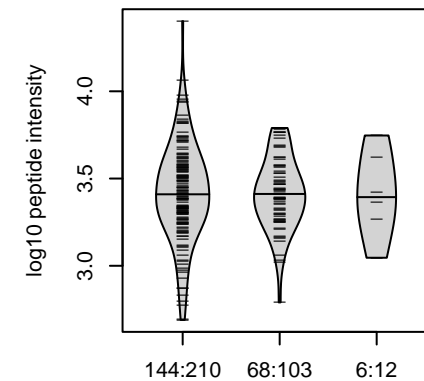
1:24180962:T:C_C
 $p = 0.65$, $\beta = -0.0543$, $N = 256$

**WEMCTSIDK pc2
P04066**



1:24180962:T:C_C
 $p = 0.19$, $\beta = -0.162$, $N = 228$

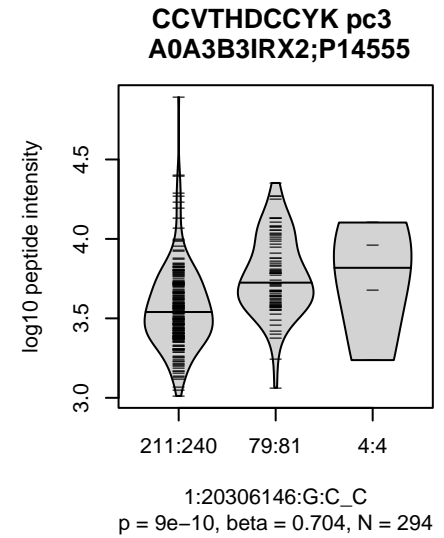
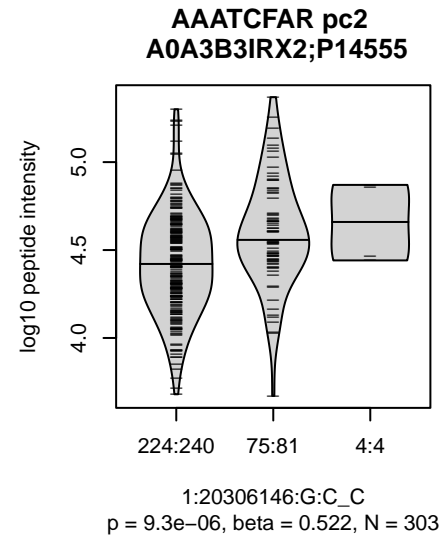
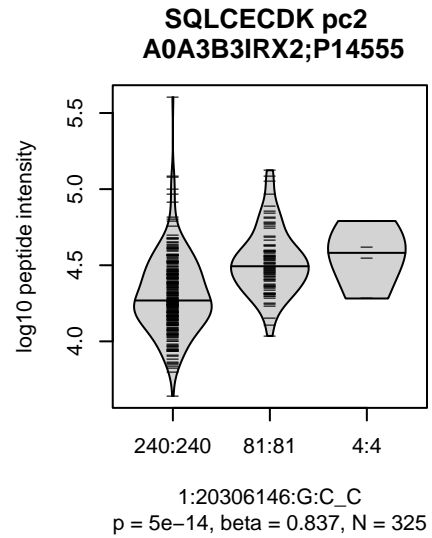
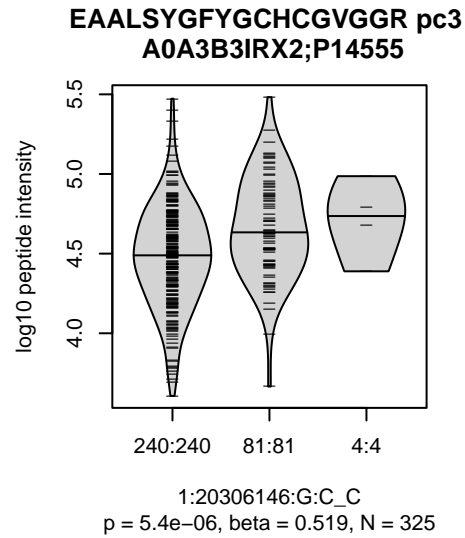
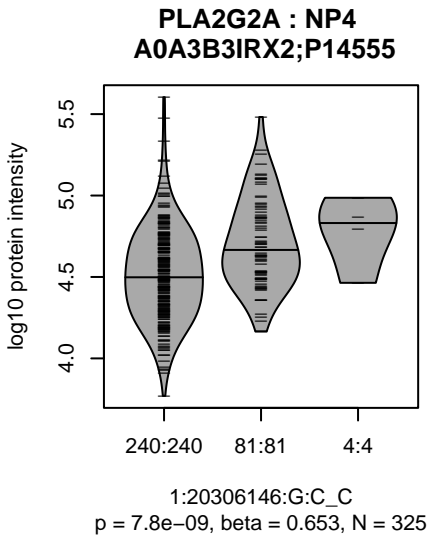
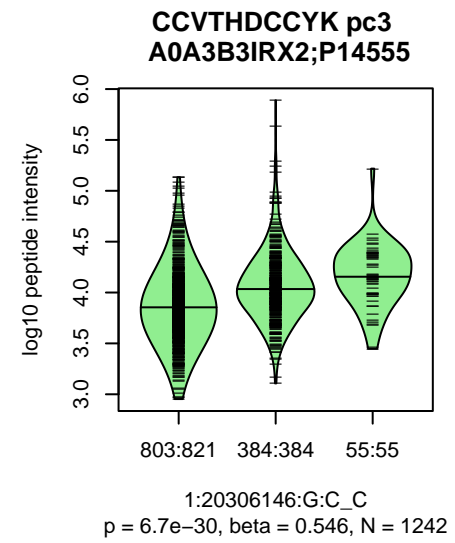
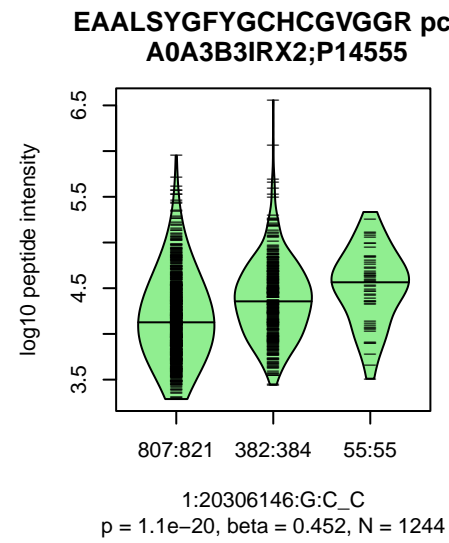
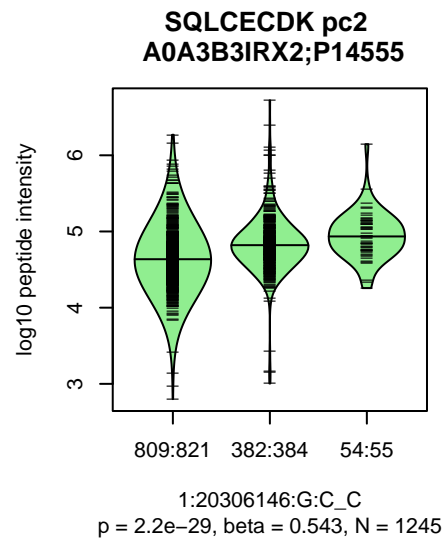
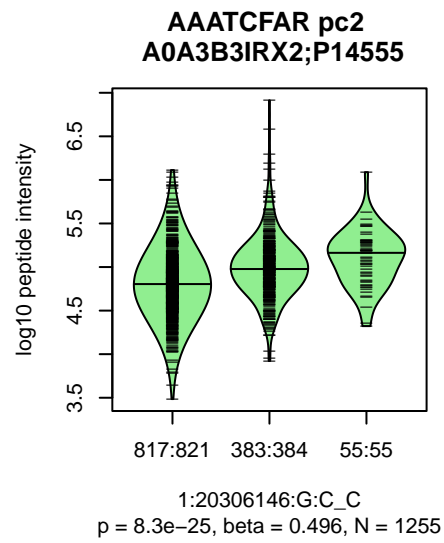
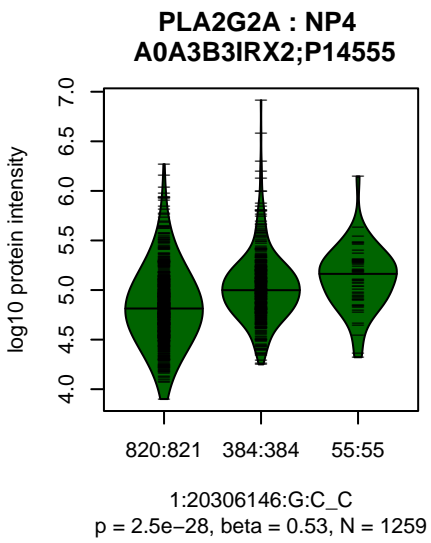
**YVVLTK pc2
P04066**



1:24180962:T:C_C
 $p = 0.96$, $\beta = -0.0065$, $N = 218$

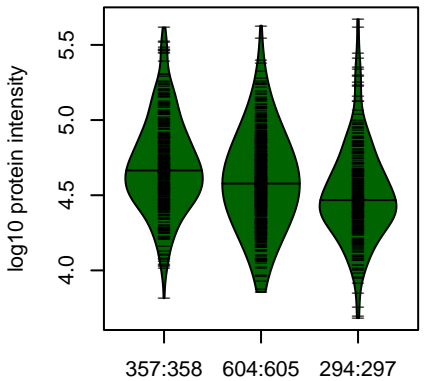
Assay Target: FUCA1
Olink UniProt: P04066
UKB rsID: rs13551
Proxy rsID: rs13551
UKB SNP: 1:24180962:T:C
Proxy SNP: 1:24180962:T:C
UKB log10(p): 2197.8
UKB BETA: -0.38

1161:903:784:724:682:159:147:



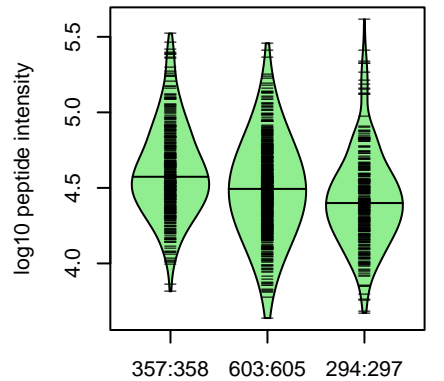
Assay Target: PLA2G2A
 Olink UniProt: P14555
 UKB rsID: rs11573156
 Proxy rsID: rs11573156
 UKB SNP: 1:20306146:G:C
 Proxy SNP: 1:20306146:G:C
 UKB log10(p): 2153.3
 UKB BETA: 0.721
 ..*.*.*
 1255:1245:1244:1242:1180:114

MMP3 : NP5
P08254



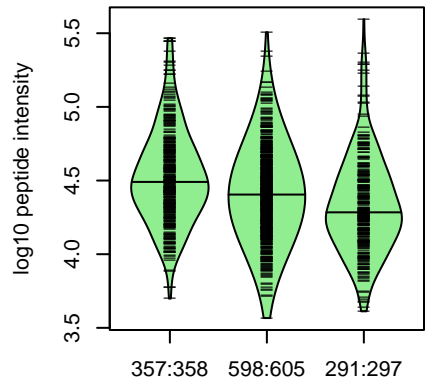
11:102714716:C:G_C
p = 2.3e-18, beta = -0.337, N = 1255

VWEEVTLFSR pc2
P08254;P09238



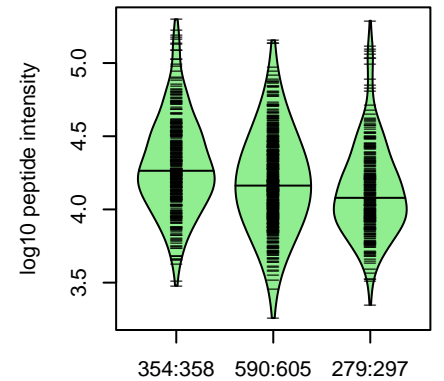
11:102714716:C:G_C
p = 6.4e-18, beta = -0.333, N = 1254

IVNYTPDLPK pc2
P08254



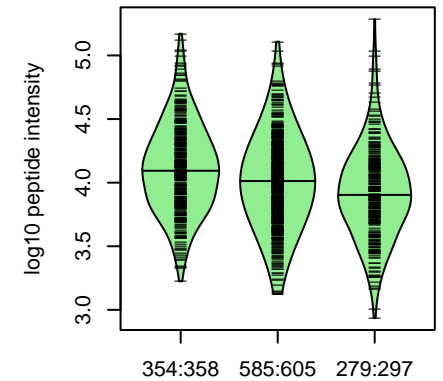
11:102714716:C:G_C
p = 1.1e-17, beta = -0.331, N = 1246

LDSDTLEVMR pc2
P08254



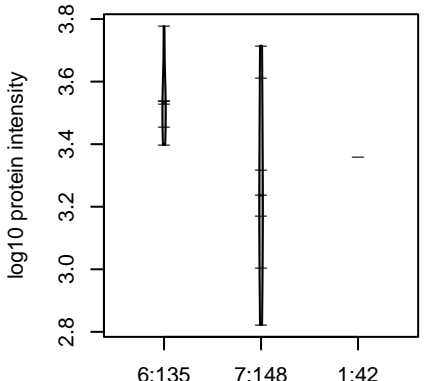
11:102714716:C:G_C
p = 3.5e-15, beta = -0.309, N = 1223

GEDTSMNLVQK pc2
P08254



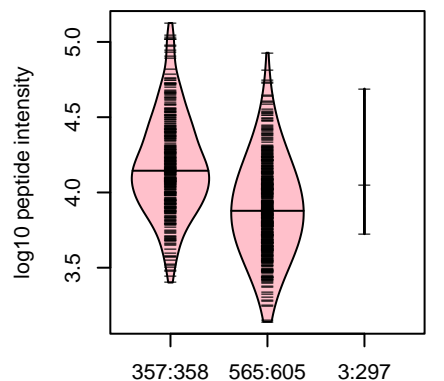
11:102714716:C:G_C
p = 7.6e-14, beta = -0.294, N = 1218

MMP3 : NP5
P08254



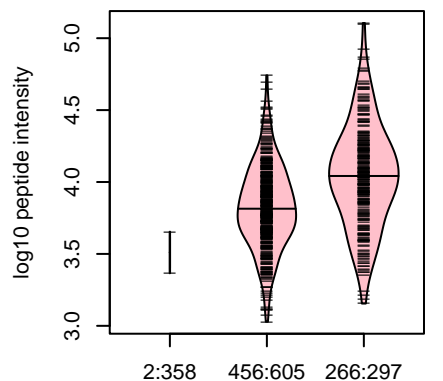
11:102714716:C:G_C
p = 0.21, beta = -0.486, N = 14

YLENYDLEK pc2
rs679620 ALT



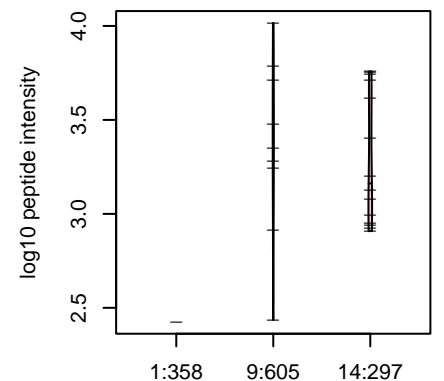
11:102714716:C:G_C
p = 5.8e-237, model = DOM, N = 925

YLENYDLK pc2
rs679620 REF



11:102714716:C:G_C
p = 3.7e-173, model = REC, N = 724

YLENYDLKK pc3
rs679620 REF

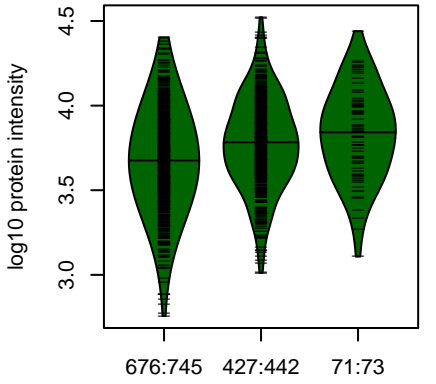


11:102714716:C:G_C
p = 0.00023, model = DOM, N = 24

Assay Target: MMP3
Olink UniProt: P08254
UKB rsID: rs617819
Proxy rsID: rs617819
UKB SNP: 11:102714716:C:G
Proxy SNP: 11:102714716:C:G
UKB log10(p): 2089.3
UKB BETA: 0.475

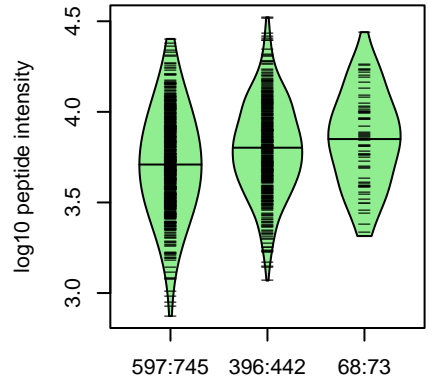
1254:1246:1223:1218:1209:118

GNLY : NP4
B4E3H9;P22749;P22749-2



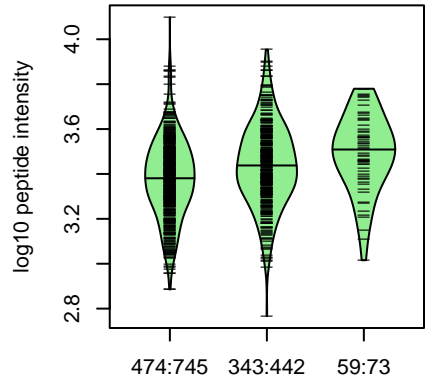
2:85935182:A:G_G
 $p = 3.4e-08$, $\beta = 0.262$, $N = 1174$

TCLTIVQK pc2
B4E3H9;P22749;P22749-2



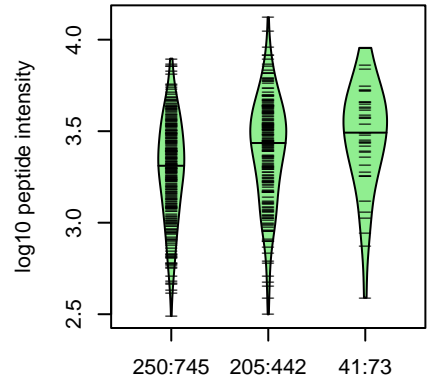
2:85935182:A:G_G
 $p = 1.6e-05$, $\beta = 0.214$, $N = 1061$

MVDKPTQR pc2
B4E3H9;P22749;P22749-2



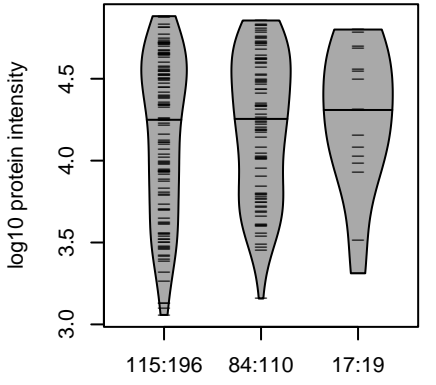
2:85935182:A:G_G
 $p = 1.3e-07$, $\beta = 0.284$, $N = 876$

SCPCLAQEGPQGDLLTK pc2
B4E3H9;P22749;P22749-2



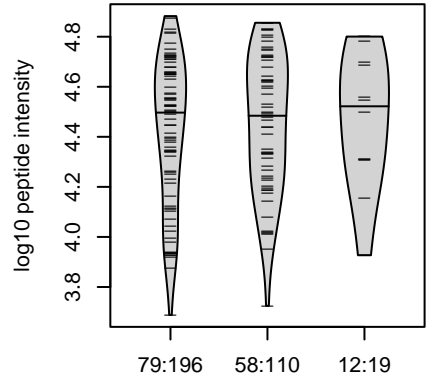
2:85935182:A:G_G
 $p = 8.3e-05$, $\beta = 0.272$, $N = 496$

GNLY : NP4
B4E3H9;P22749;P22749-2



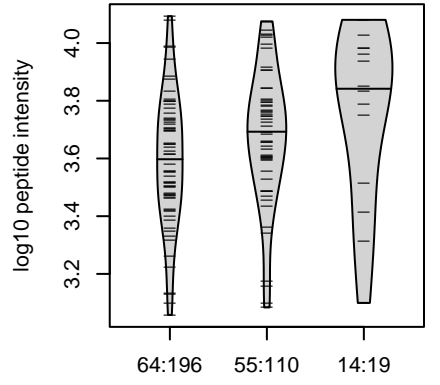
2:85935182:A:G_G
 $p = 0.23$, $\beta = 0.126$, $N = 216$

TCLTIVQK pc2
B4E3H9;P22749;P22749-2



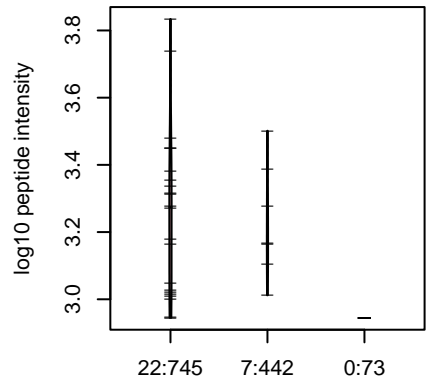
2:85935182:A:G_G
 $p = 0.42$, $\beta = 0.102$, $N = 149$

SCPCLAQEGPQGDLLTK pc2
B4E3H9;P22749;P22749-2



2:85935182:A:G_G
 $p = 0.041$, $\beta = 0.258$, $N = 133$

VIQGLVAGETAQQICEDLR pc3
rs11127 ALT

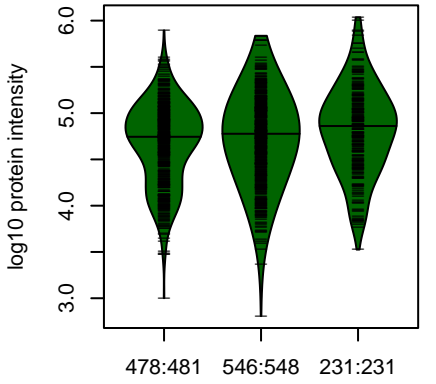


2:85935182:A:G_G
 $p = 0.084$, $\text{model} = \text{REC}$, $N = 29$

Assay Target: GNLY
 Olink UniProt: P22749
 UKB rsID: rs7603438
 Proxy rsID: rs7603438
 UKB SNP: 2:85935182:A:G
 Proxy SNP: 2:85935182:A:G
 UKB log10(p): 2087
 UKB BETA: 0.702

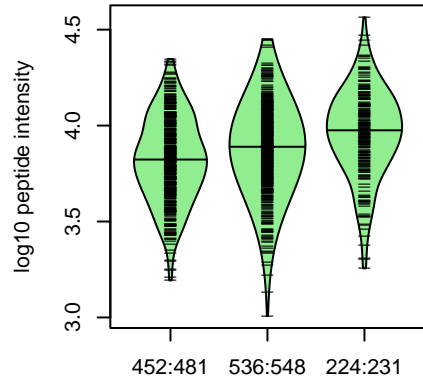
 1061:876:496

**OGN : NP2
P20774**



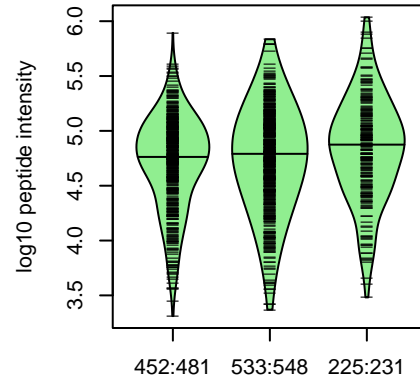
9:95053871:G:T_T
p = 0.00038, beta = 0.137, N = 1255

**DFADIPNLR pc2
P20774**



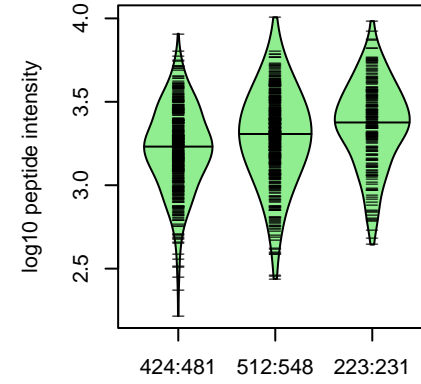
9:95053871:G:T_T
p = 1.1e-12, beta = 0.279, N = 1212

**ETVIIPNEK pc2
P20774**



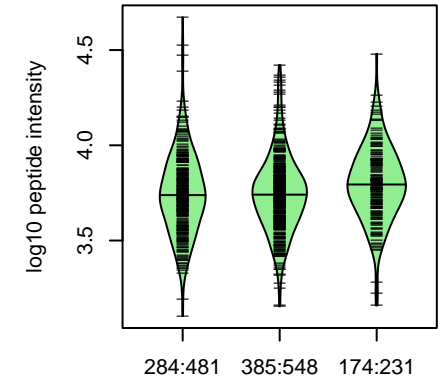
9:95053871:G:T_T
p = 0.0066, beta = 0.107, N = 1210

**LSLLEELSLAENQLLK pc2
P20774**



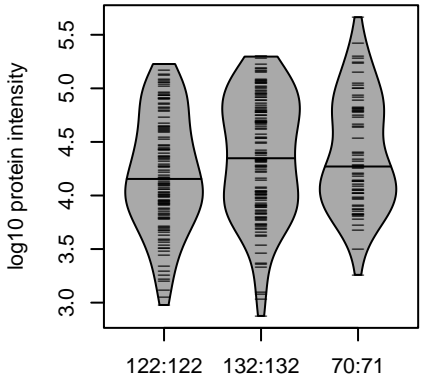
9:95053871:G:T_T
p = 5.3e-11, beta = 0.262, N = 1159

**LEGNPIVLGK pc2
P20774**



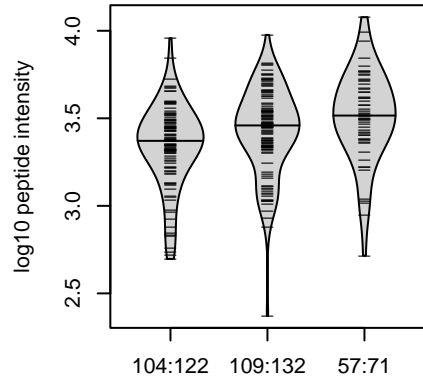
9:95053871:G:T_T
p = 0.0075, beta = 0.126, N = 843

**OGN : NP2
P20774**



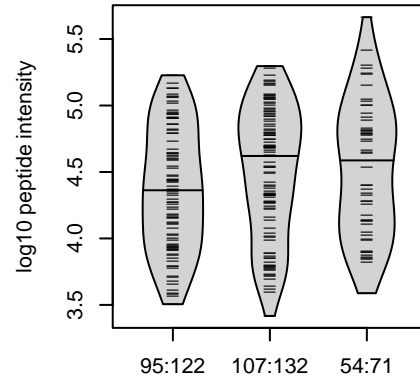
9:95053871:G:T_T
p = 0.22, beta = 0.0886, N = 324

**LSLLEELSLAENQLLK pc2
P20774**



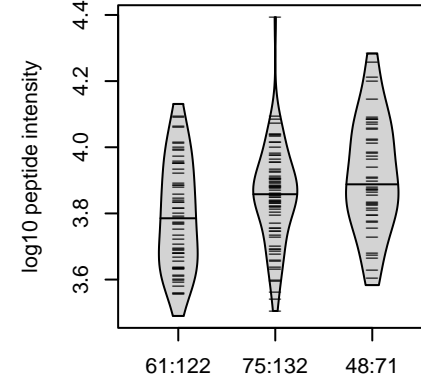
9:95053871:G:T_T
p = 0.0022, beta = 0.242, N = 270

**ETVIIPNEK pc2
P20774**



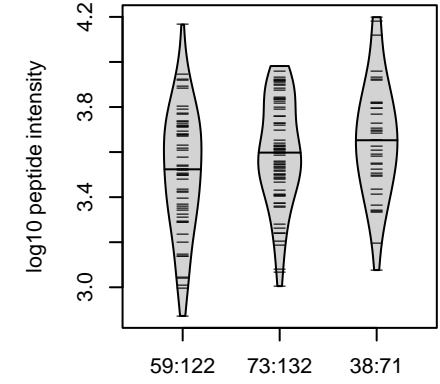
9:95053871:G:T_T
p = 0.18, beta = 0.111, N = 256

**LEGNPIVLGK pc2
P20774**



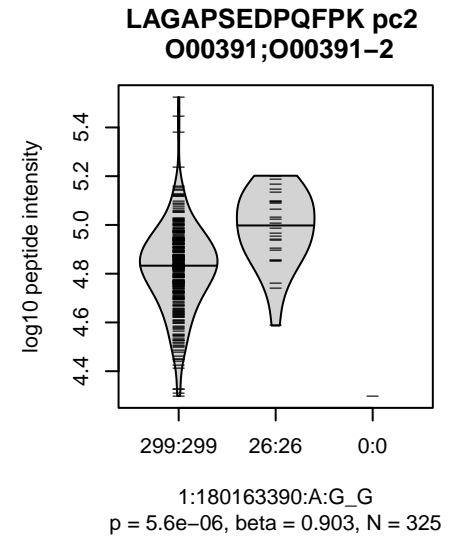
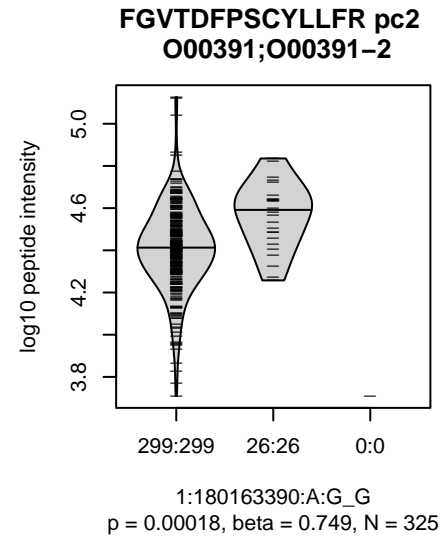
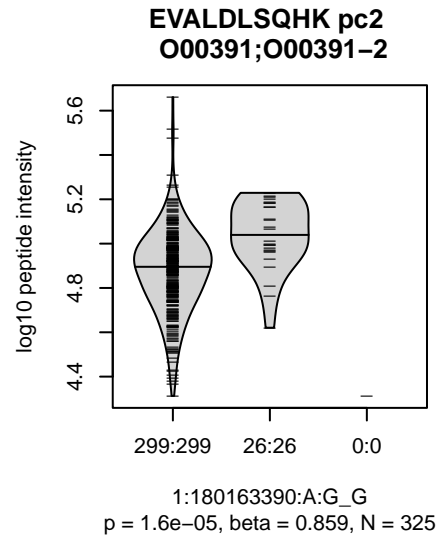
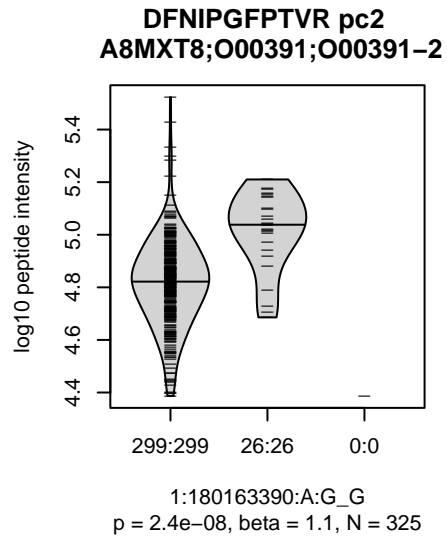
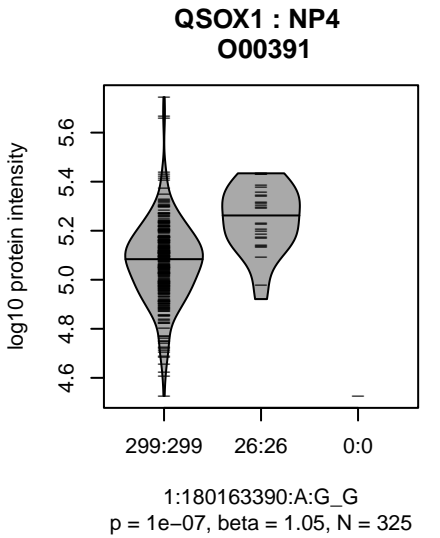
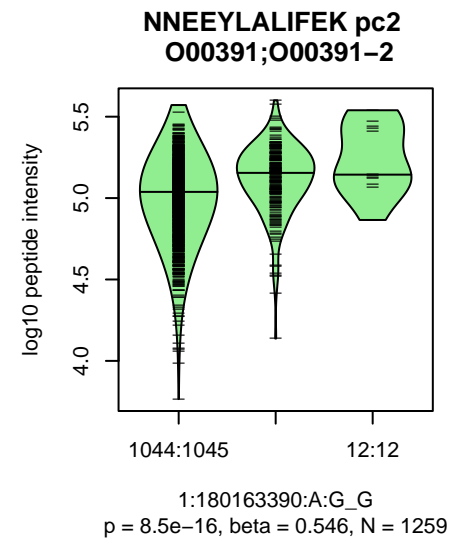
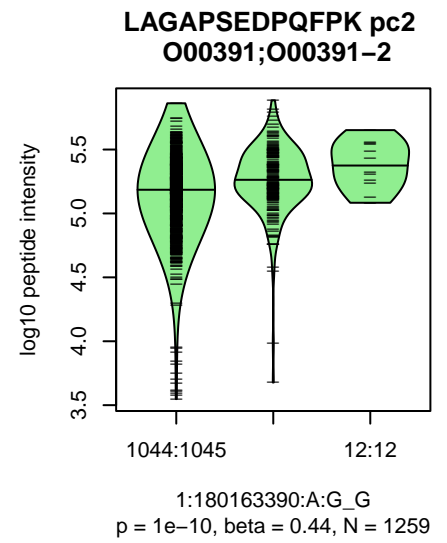
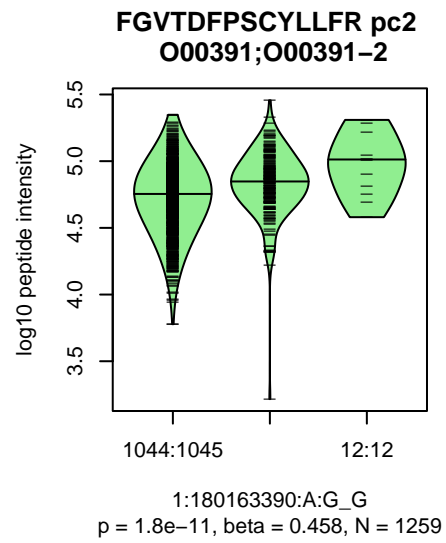
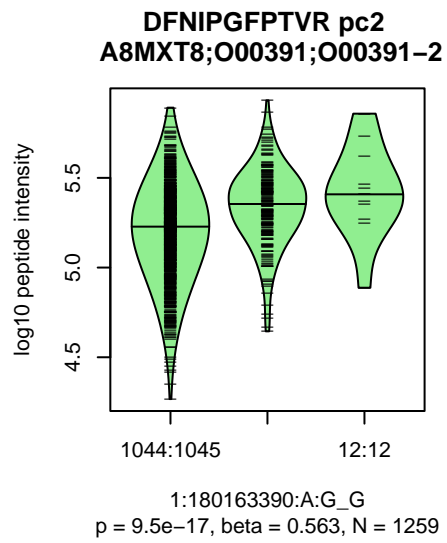
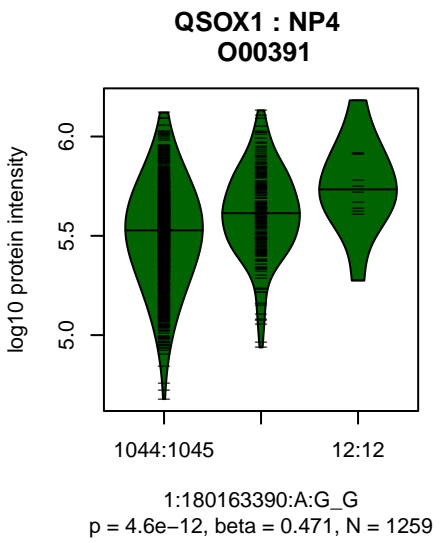
9:95053871:G:T_T
p = 0.0057, beta = 0.259, N = 184

**DFADIPNLR pc2
P20774**



9:95053871:G:T_T
p = 0.26, beta = 0.113, N = 170

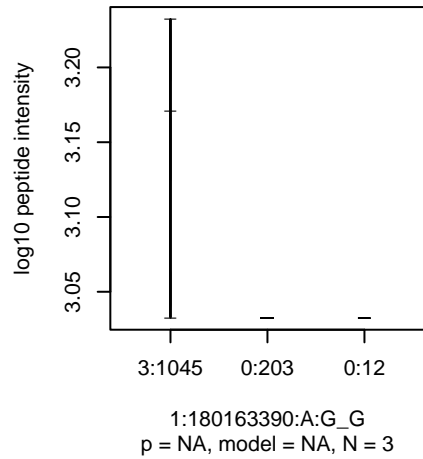
Assay Target: OGN
Olink UniProt: P20774
UKB rsID: rs6479416
Proxy rsID: rs6479416
UKB SNP: 9:95053871:G:T
Proxy SNP: 9:95053871:G:T
UKB log10(p): 2084.4
UKB BETA: 0.579
..*.*-:-:-:-:-
1212:1210:1159:843:383:235:22



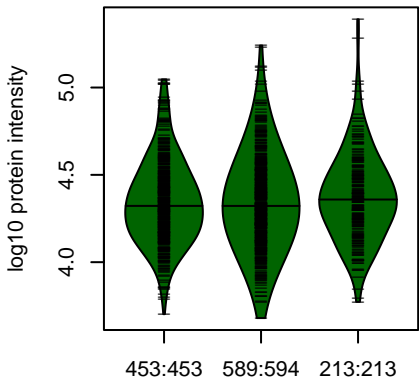
**GGSYLGREVALDLSQHK pc3
rs17855475 REF**

Assay Target: QSOX1
Olink UniProt: O00391
UKB rsID: rs12371
Proxy rsID: rs12371
UKB SNP: 1:180163390:A:G
Proxy SNP: 1:180163390:A:G
UKB log10(p): 2067
UKB BETA: -1.076

1259:1259:1259:1259:1258:125

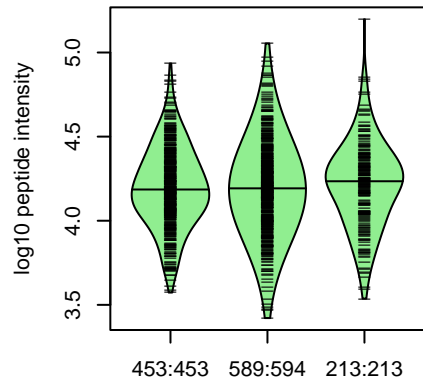


**CHGB : NP2
P05060**



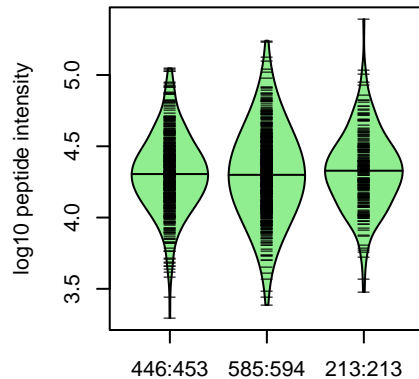
20:5903894:A:G_G
p = 0.36, beta = 0.0365, N = 1255

**CIIEVLSNALSK pc2
P05060**



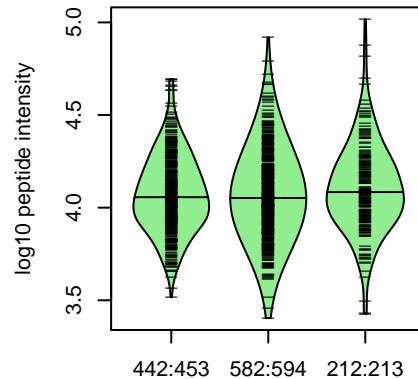
20:5903894:A:G_G
p = 0.52, beta = 0.026, N = 1255

**SSAPPITPECR pc2
P05060**



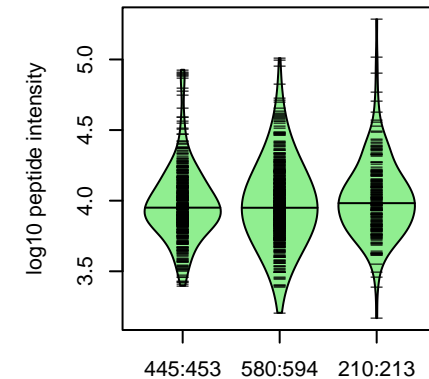
20:5903894:A:G_G
p = 0.69, beta = 0.016, N = 1244

**SSQGGSLPSEEK pc2
P05060**



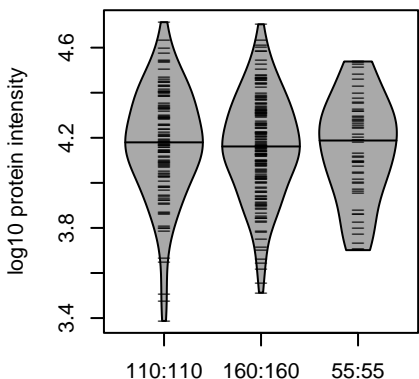
20:5903894:A:G_G
p = 0.23, beta = 0.0483, N = 1236

**ELENLAAMDLELQK pc2
P05060**



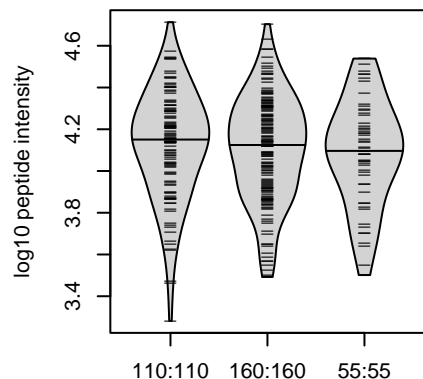
20:5903894:A:G_G
p = 0.26, beta = 0.0452, N = 1235

**CHGB : NP2
P05060**



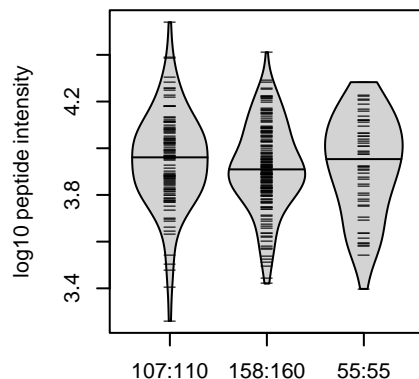
20:5903894:A:G_G
p = 0.36, beta = -0.0725, N = 325

**CIIEVLSNALSK pc2
P05060**



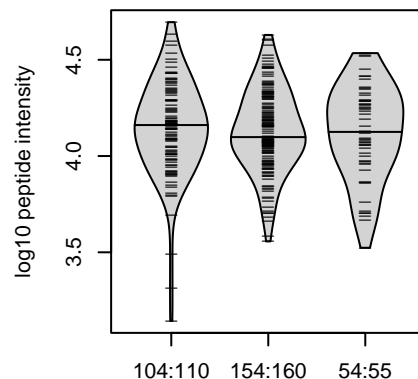
20:5903894:A:G_G
p = 0.27, beta = -0.088, N = 325

**SSQGGSLPSEEK pc2
P05060**



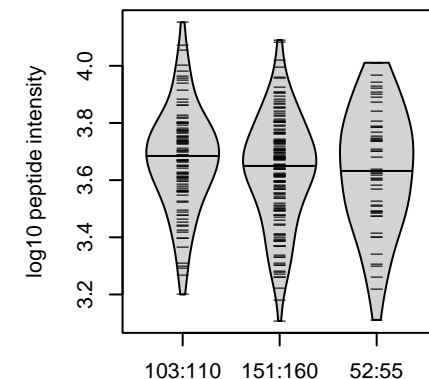
20:5903894:A:G_G
p = 0.3, beta = -0.0825, N = 320

**SSAPPITPECR pc2
P05060**



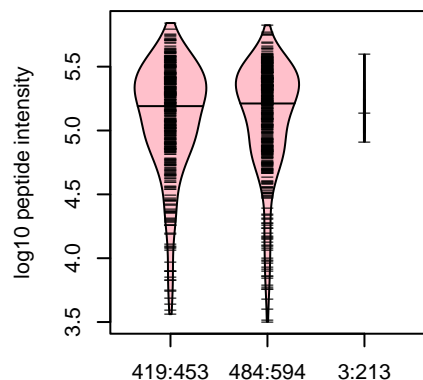
20:5903894:A:G_G
p = 0.37, beta = -0.0724, N = 312

**DRADQTVLTEDEK pc3
P05060**



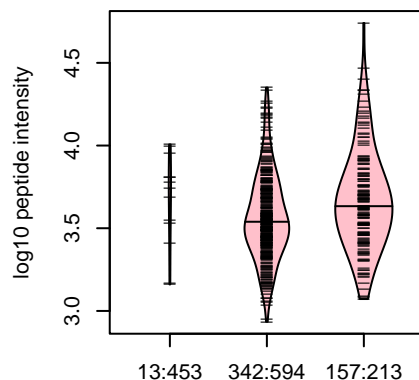
20:5903894:A:G_G
p = 0.14, beta = -0.119, N = 306

**GYPGVQAPEDLEWER pc2
rs236152 REF**



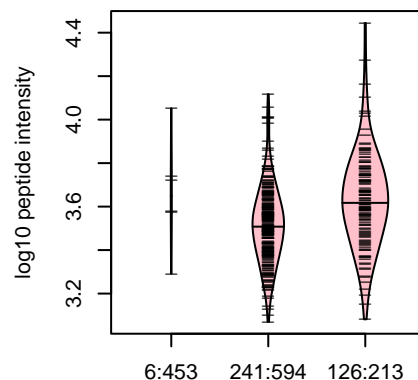
20:5903894:A:G_G
p = 3.1e-137, model = DOM, N = 906

**LLRDPADATEAHSSSR pc4
rs6085324 ALT**



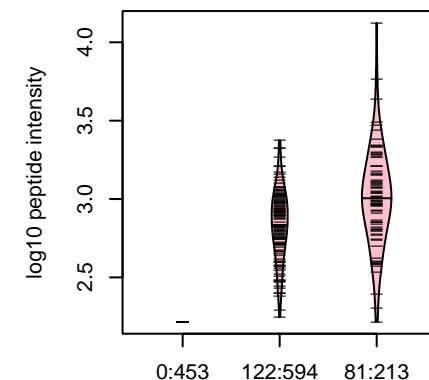
20:5903894:A:G_G
p = 1.6e-112, model = REC, N = 512

**LLRDPADATEAHSSSR pc3
rs6085324 ALT**



20:5903894:A:G_G
p = 1.9e-78, model = REC, N = 373

**DPADATEAHSSSR pc2
rs6085324 ALT**

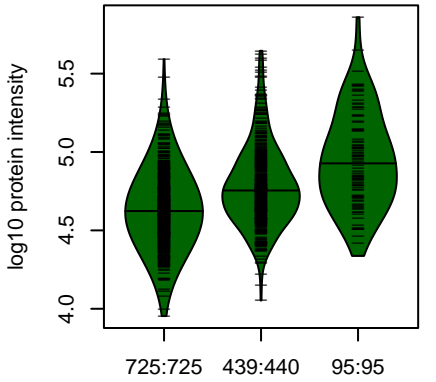


20:5903894:A:G_G
p = 2.4e-44, model = REC, N = 203

Assay Target: CHGB
Olink UniProt: P05060
UKB rsID: rs236153
Proxy rsID: rs236153
UKB SNP: 20:5903894:A:G
Proxy SNP: 20:5903894:A:G
UKB log10(p): 2052
UKB BETA: -0.597

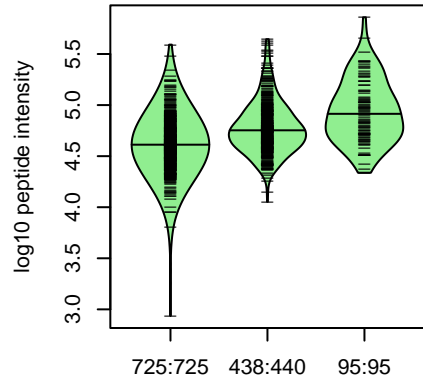
1255:1244:1236:1235:1160:114

TIMP3 : NP4
P35625



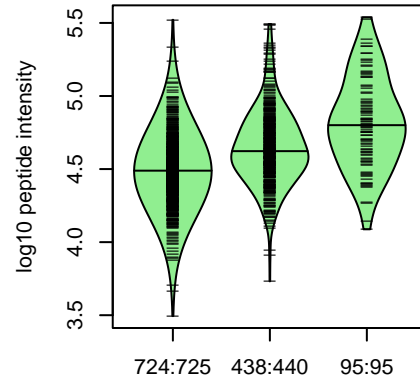
22:33161150:A:G_A
 $p = 3.6e-38$, $\beta = 0.554$, $N = 1259$

SCYYLPCFVTSK pc2
P35625



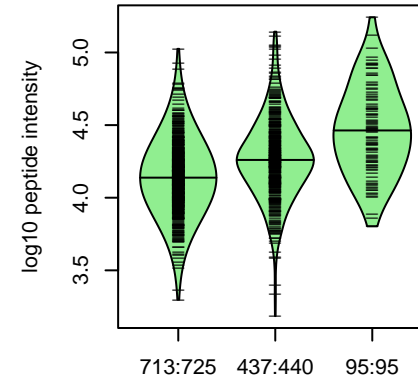
22:33161150:A:G_A
 $p = 7.7e-40$, $\beta = 0.566$, $N = 1258$

EGPFGTLVYTIK pc2
P35625



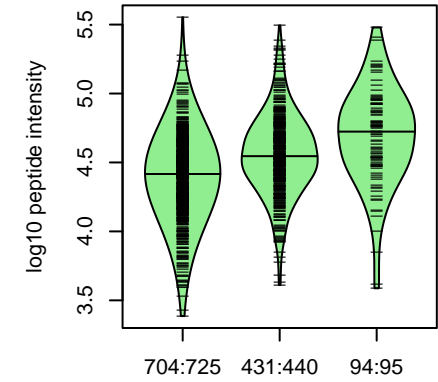
22:33161150:A:G_A
 $p = 3.1e-39$, $\beta = 0.562$, $N = 1257$

MPHVQYIHTEASESLCGLK pc4
P35625



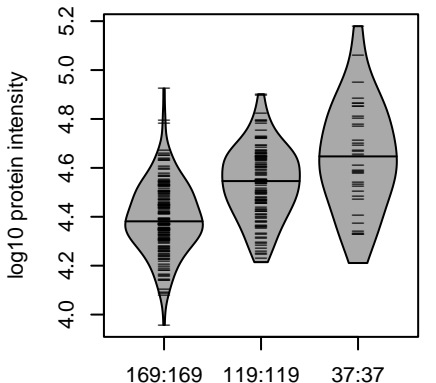
22:33161150:A:G_A
 $p = 6.3e-30$, $\beta = 0.493$, $N = 1245$

YQYLLTGR pc2
P35625



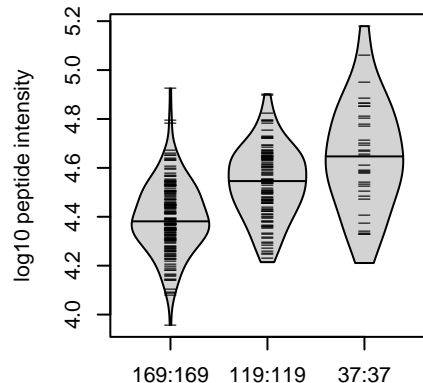
22:33161150:A:G_A
 $p = 1.1e-26$, $\beta = 0.468$, $N = 1229$

TIMP3 : NP4
P35625



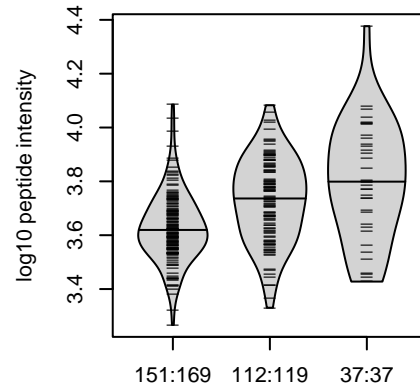
22:33161150:A:G_A
 $p = 1.4e-15$, $\beta = 0.609$, $N = 325$

SCYYLPCFVTSK pc2
P35625



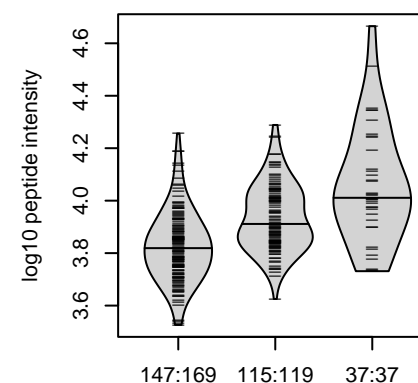
22:33161150:A:G_A
 $p = 1.4e-15$, $\beta = 0.609$, $N = 325$

YHLGCNCK pc2
P35625



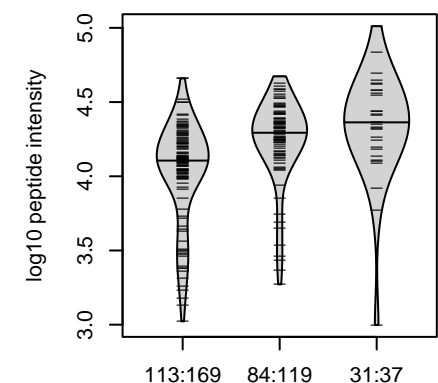
22:33161150:A:G_A
 $p = 2.9e-08$, $\beta = 0.444$, $N = 300$

MPHVQYIHTEASESLCGLK pc4
P35625



22:33161150:A:G_A
 $p = 1.8e-14$, $\beta = 0.602$, $N = 299$

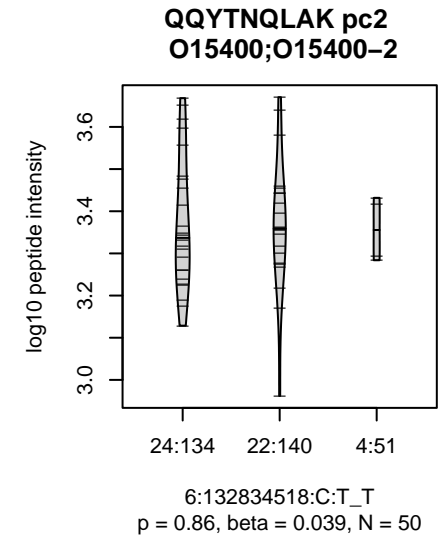
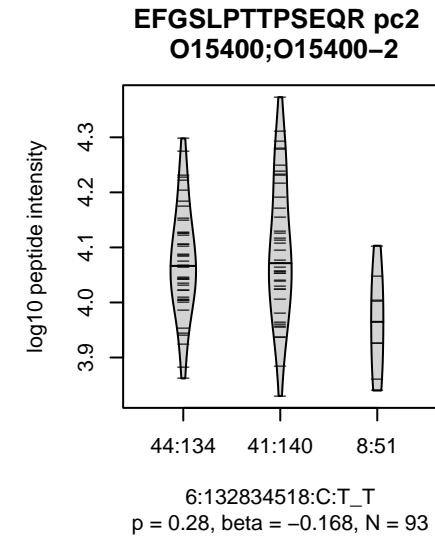
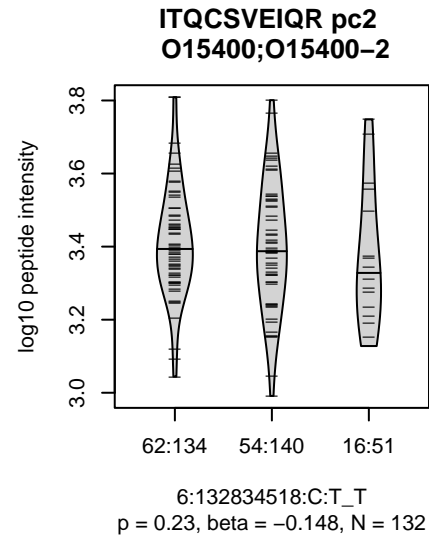
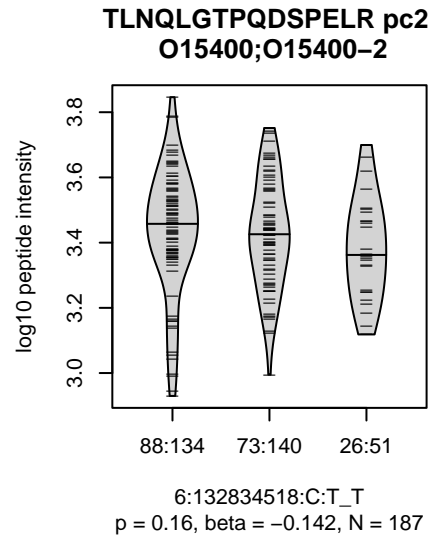
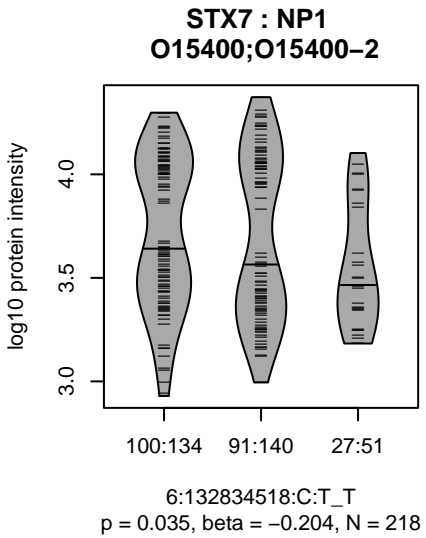
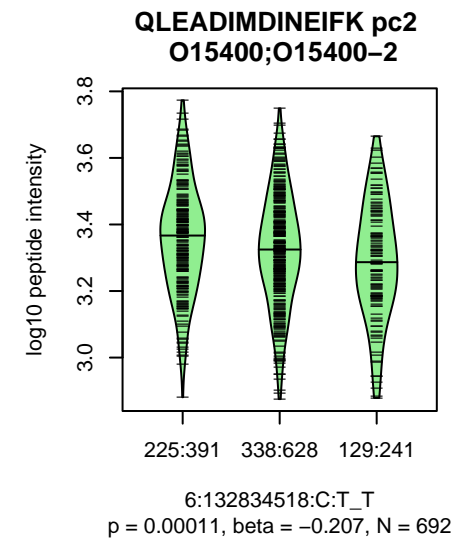
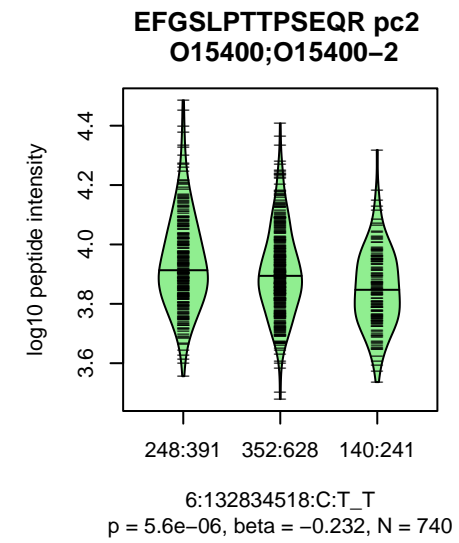
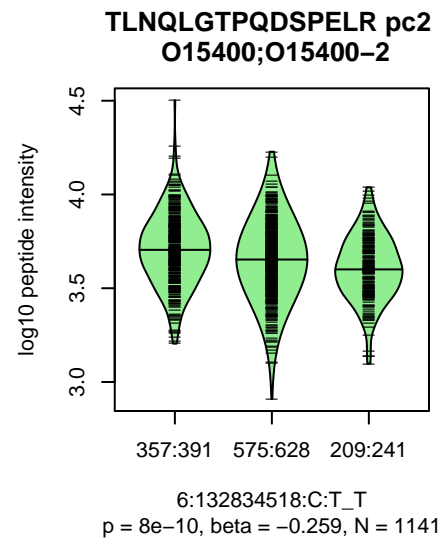
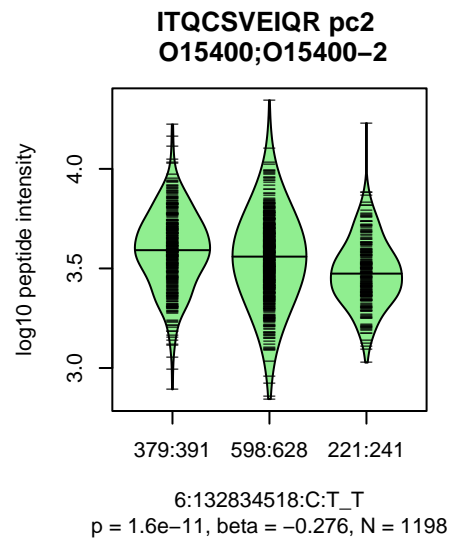
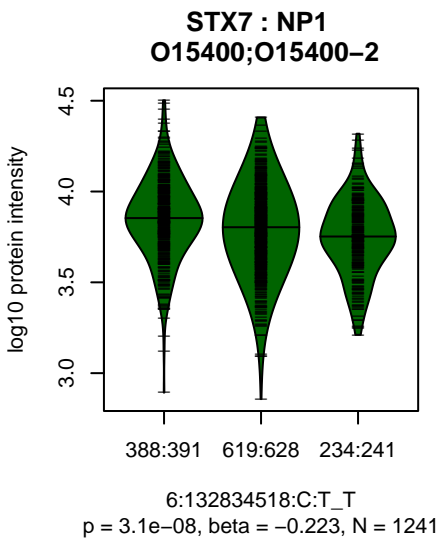
EGPFGTLVYTIK pc2
P35625



22:33161150:A:G_A
 $p = 2.2e-07$, $\beta = 0.463$, $N = 228$

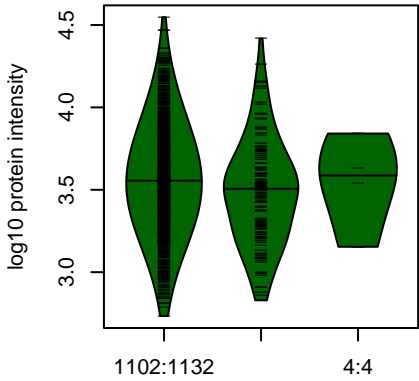
Assay Target: TIMP3
Olink UniProt: P35625
UKB rsID: rs11404116
Proxy rsID: rs929015
UKB SNP: 22:33164633:A:AT
Proxy SNP: 22:33161150:A:G
UKB log10(p): 1997.5
UKB BETA: -0.652

1258:1257:1245:1229:1218:121



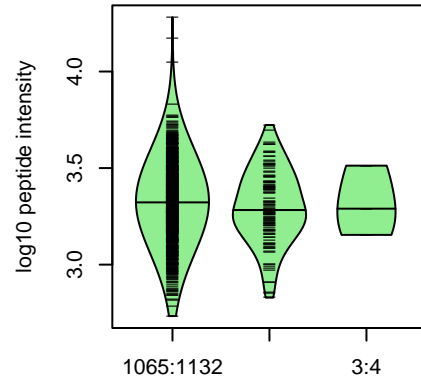
Assay Target: STX7
 Olink UniProt: O15400
 UKB rsID: rs3813356
 Proxy rsID: rs3813356
 UKB SNP: 6:132834518:C:T
 Proxy SNP: 6:132834518:C:T
 UKB log10(p): 1960.4
 UKB BETA: -0.582
 **.*.*.*.*_*.*.*
 1198:1141:740:692:667:431:427

ATRN : NP2
O75882



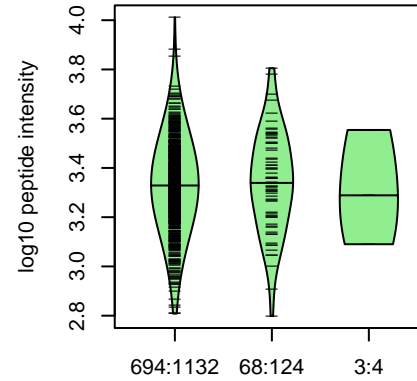
20:3530612:A:G_G
p = 0.021, beta = -0.208, N = 1225

SEAACLAAGPGIR pc2
O75882;O75882-2



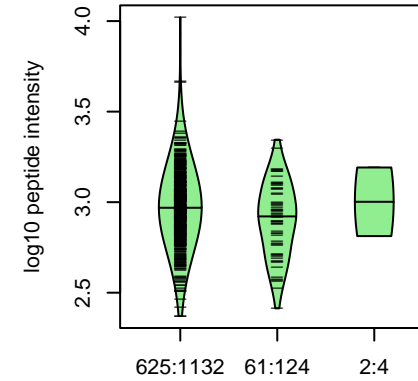
20:3530612:A:G_G
p = 0.21, beta = -0.116, N = 1185

EQYAVVGHSAHIVTLK pc3
O75882;O75882-2



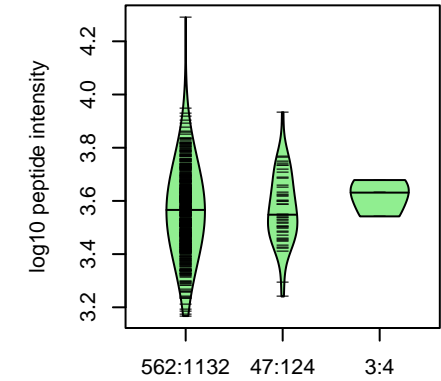
20:3530612:A:G_G
p = 0.62, beta = 0.0574, N = 765

GDECQLCEVENR pc2
O75882;O75882-2



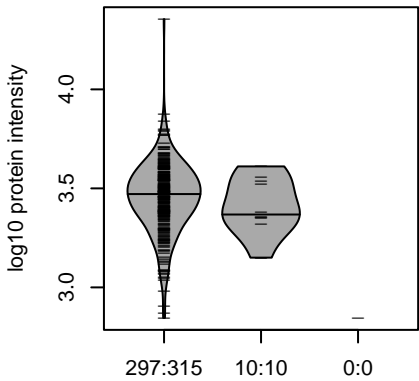
20:3530612:A:G_G
p = 0.018, beta = -0.295, N = 688

CTWLIEGQPNR pc2
O75882;O75882-2



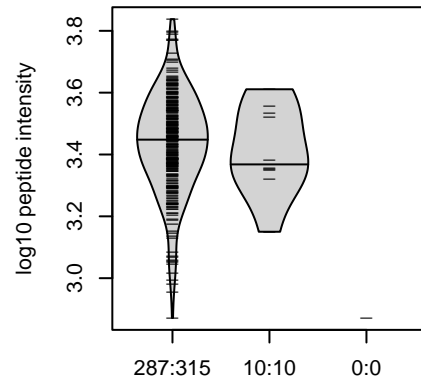
20:3530612:A:G_G
p = 0.47, beta = 0.098, N = 612

ATRN : NP2
O75882;O75882-2



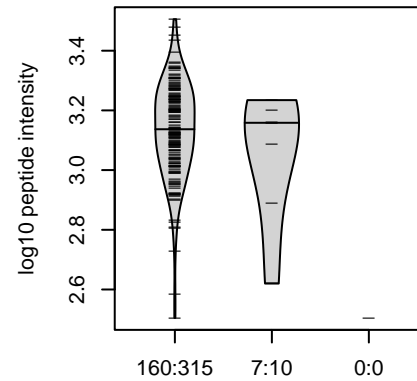
20:3530612:A:G_G
p = 0.41, beta = -0.263, N = 307

SEAACLAAGPGIR pc2
O75882;O75882-2



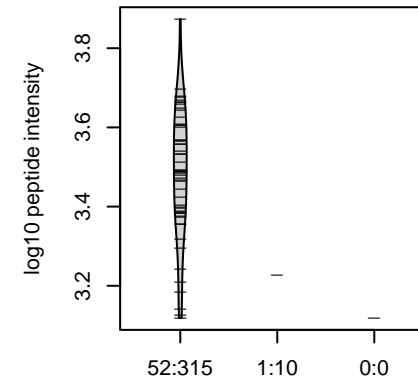
20:3530612:A:G_G
p = 0.54, beta = -0.192, N = 297

GDECQLCEVENR pc2
O75882;O75882-2



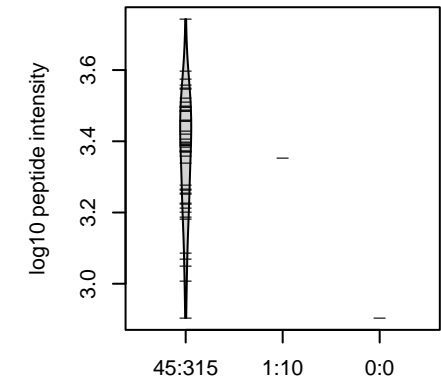
20:3530612:A:G_G
p = 0.17, beta = -0.523, N = 167

EQYAVVGHSAHIVTLK pc3
O75882;O75882-2



20:3530612:A:G_G
p = 0.42, beta = -0.779, N = 53

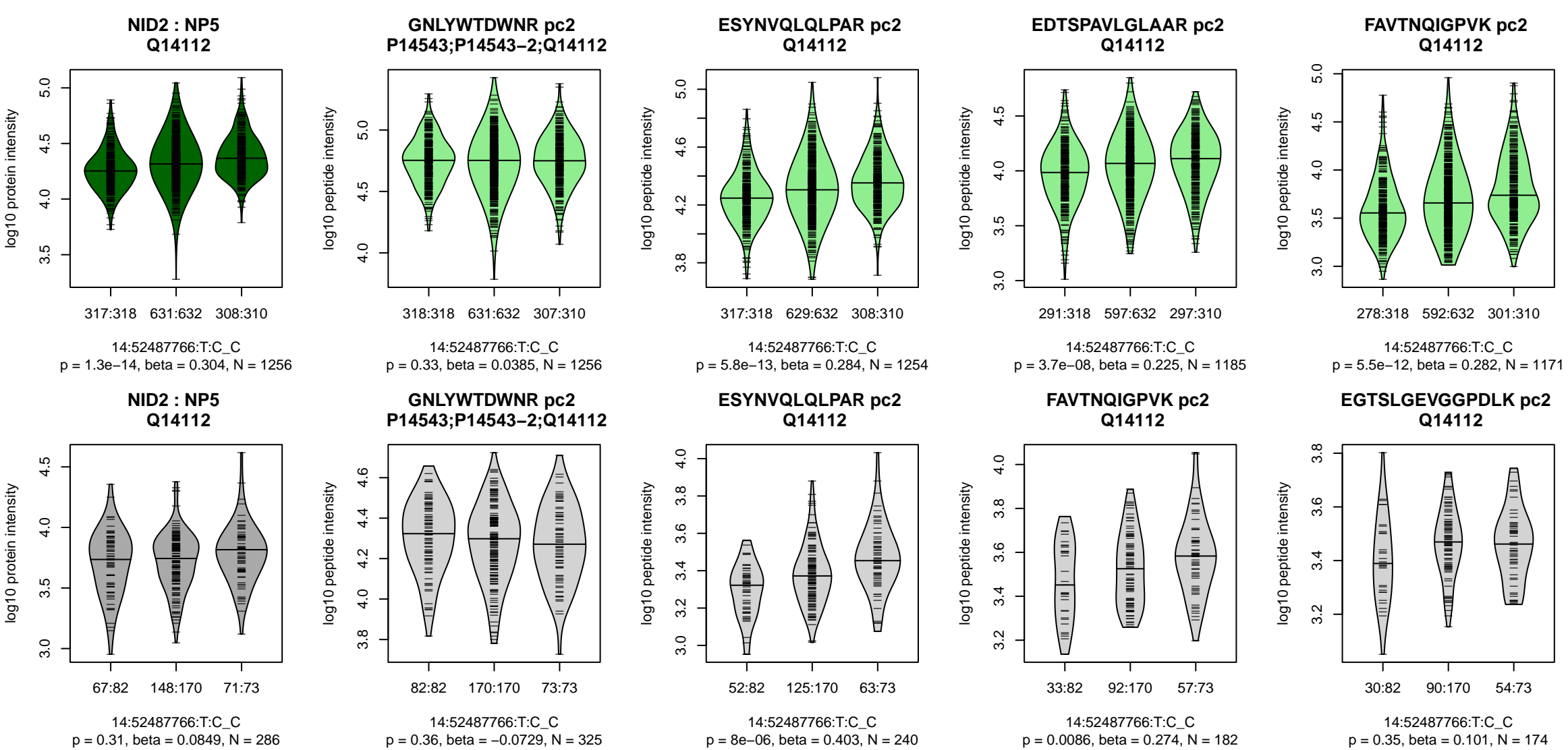
CTWLIEGQPNR pc2
O75882;O75882-2



20:3530612:A:G_G
p = 0.89, beta = -0.137, N = 46

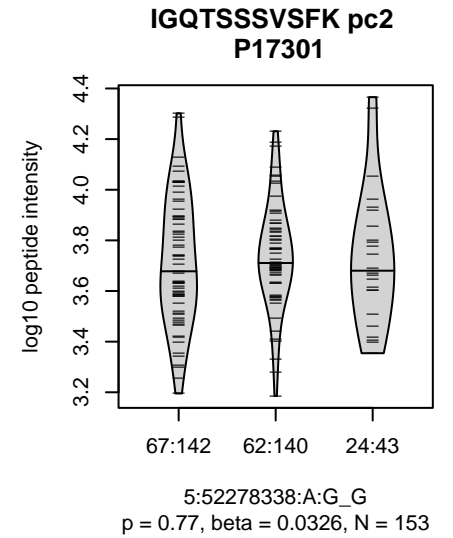
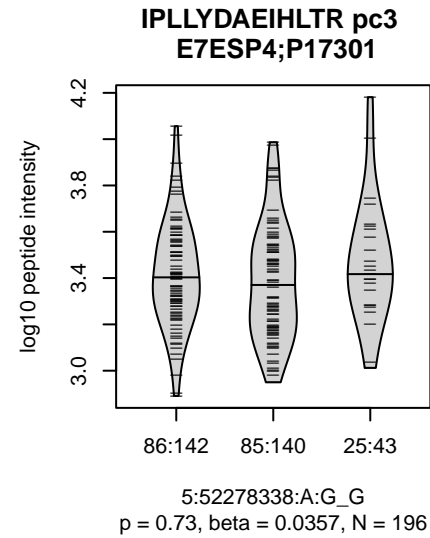
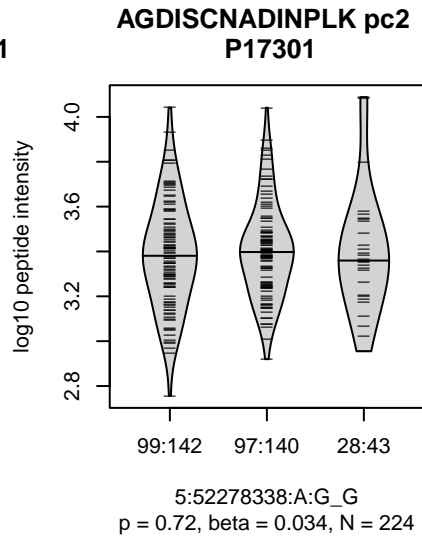
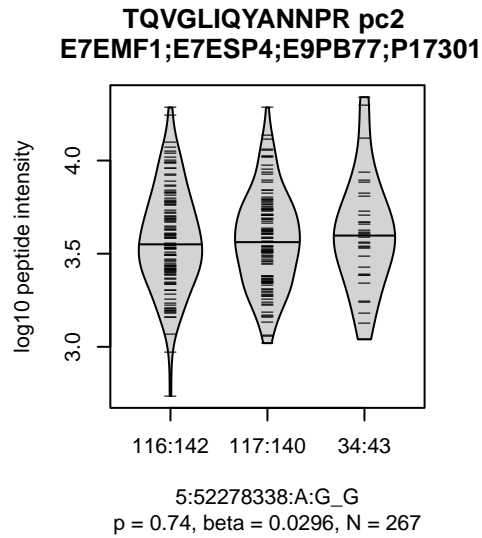
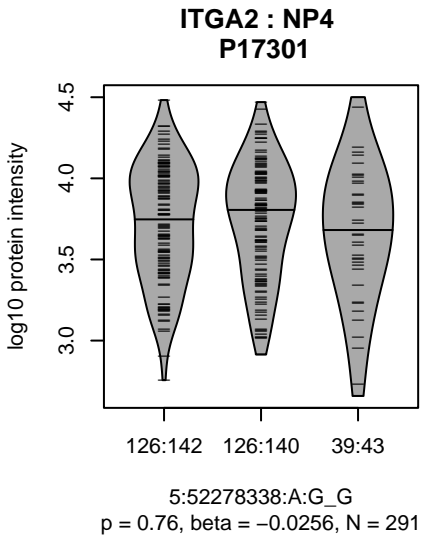
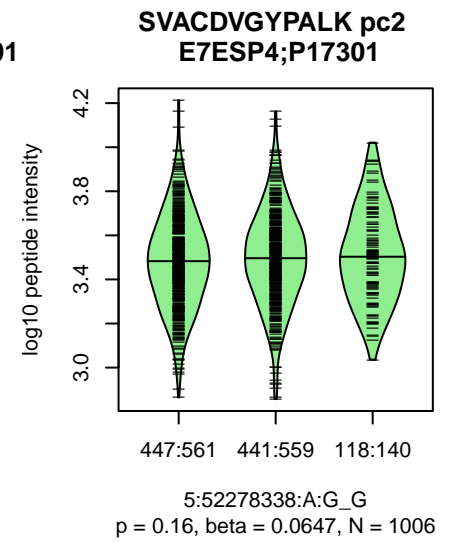
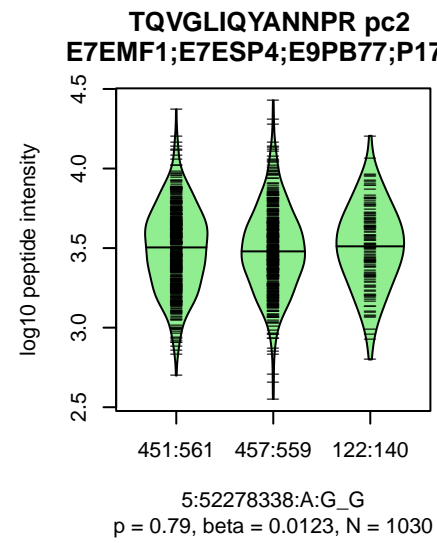
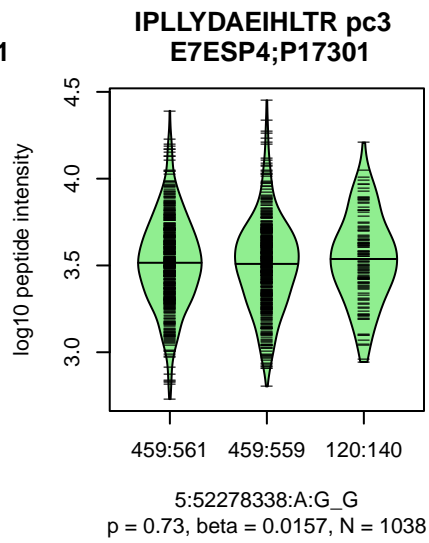
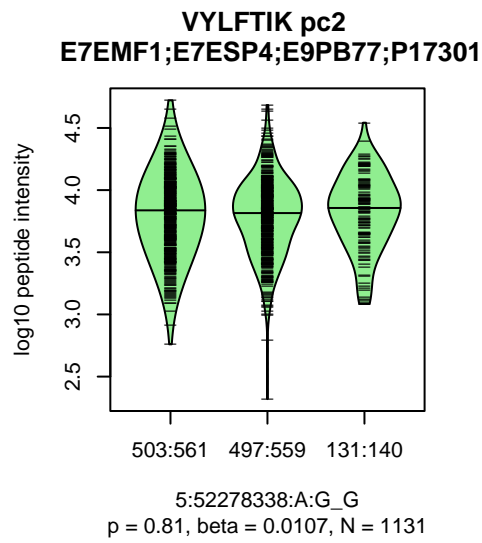
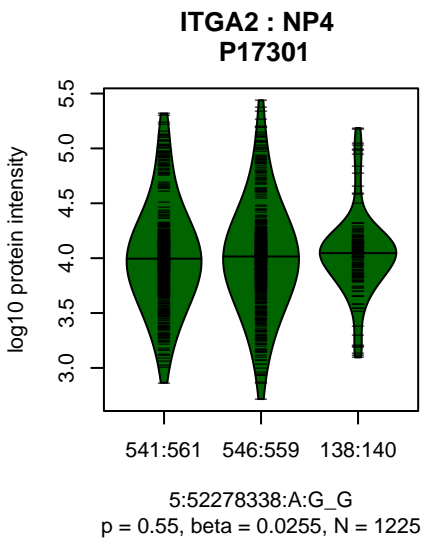
Assay Target: ATRN
Olink UniProt: O75882
UKB rsID: rs180821996
Proxy rsID: rs76443601
UKB SNP: 20:3535672:C:T
Proxy SNP: 20:3530612:A:G
UKB log10(p): 1939.9
UKB BETA: -1.295

1185:765:688:612:432:180



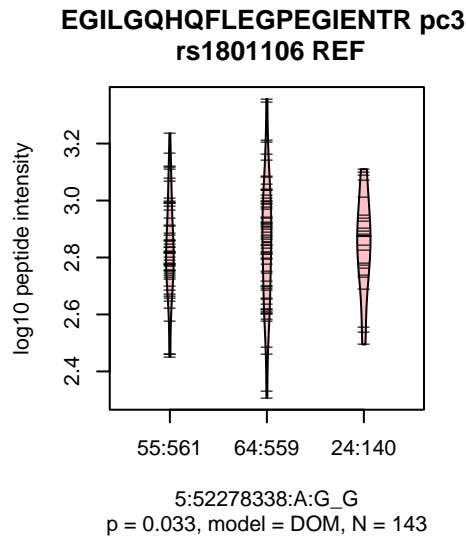
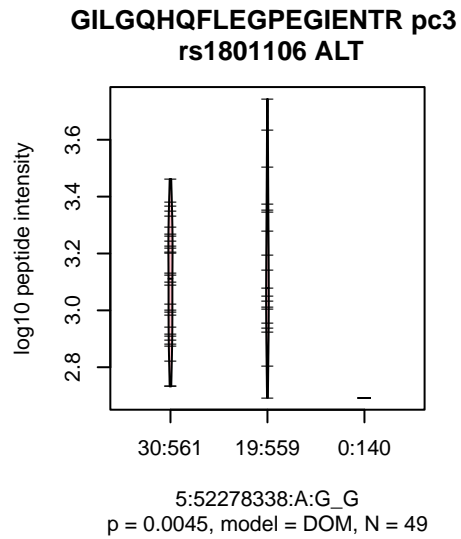
Assay Target: NID2
 Olink UniProt: Q14112
 UKB rsID: rs2516600
 Proxy rsID: rs2516600
 UKB SNP: 14:52487766:T:C
 Proxy SNP: 14:52487766:T:C
 UKB log₁₀(p): 1914.1
 UKB BETA: 0.574

 1256:1254:1185:1171:1164:107

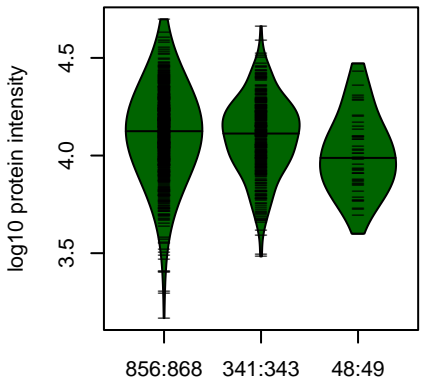


Assay Target: ITGA2
Olink UniProt: P17301
UKB rsID: rs246414
Proxy rsID: rs246414
UKB SNP: 5:52278338:A:G
Proxy SNP: 5:52278338:A:G
UKB log10(p): 1859.1
UKB BETA: 0.589

1131:1038:1030:1006:969:921:9

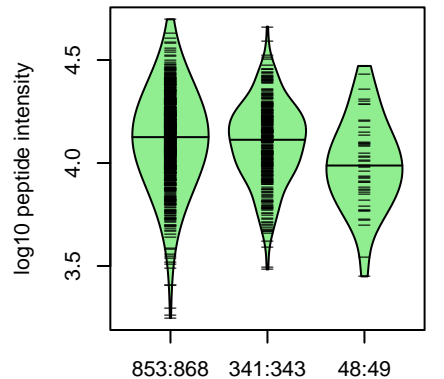


**INHBC : NP2
P55103**



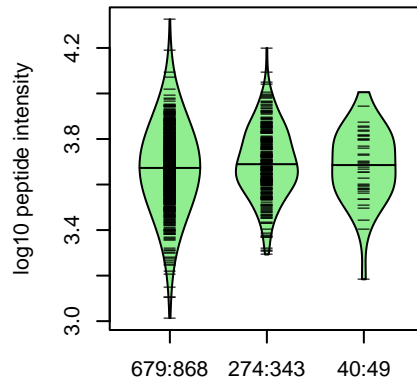
12:57844049:C:T_T
p = 0.00015, beta = -0.193, N = 1245

**ELLLDLAK pc2
P55103**



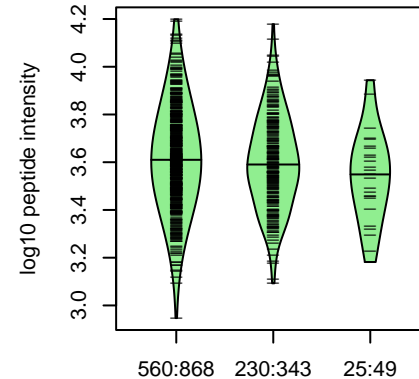
12:57844049:C:T_T
p = 7.8e-05, beta = -0.201, N = 1242

**GIDCQGGSR pc2
P55103**



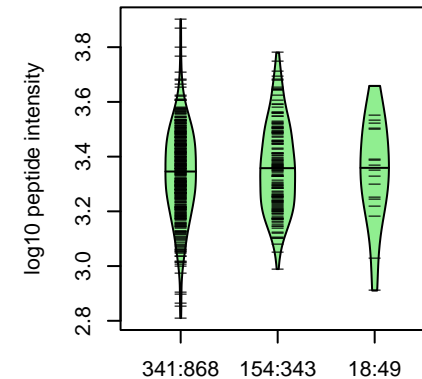
12:57844049:C:T_T
p = 0.13, beta = 0.0855, N = 993

**LDFHFSSDR pc2
P55103**



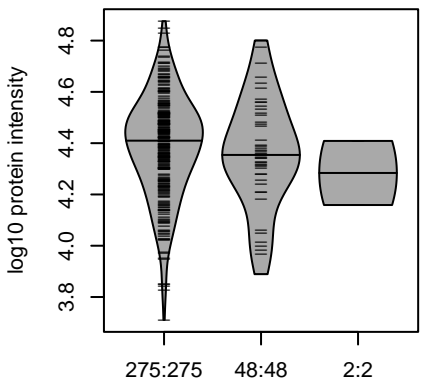
12:57844049:C:T_T
p = 0.02, beta = -0.151, N = 815

**QEFFVDFR pc2
P55103**



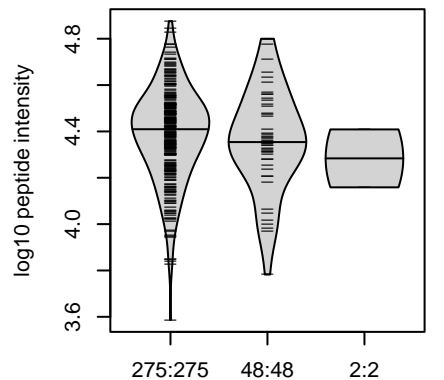
12:57844049:C:T_T
p = 0.19, beta = 0.103, N = 513

**INHBC : NP2
P55103**



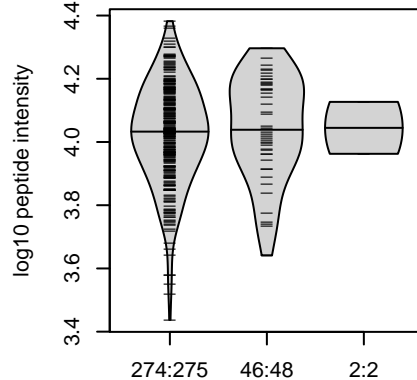
12:57844049:C:T_T
p = 0.41, beta = -0.118, N = 325

**ELLLDLAK pc2
P55103**



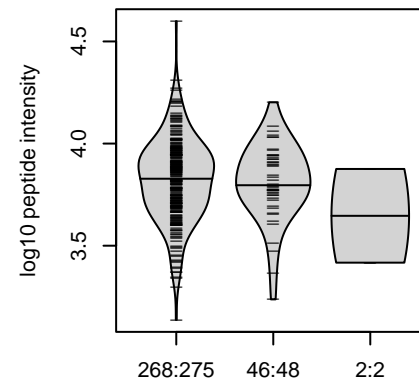
12:57844049:C:T_T
p = 0.44, beta = -0.111, N = 325

**GIDCQGGSR pc2
P55103**



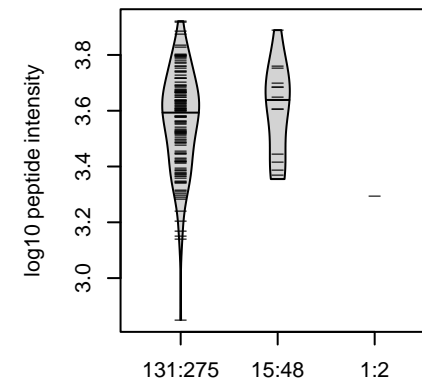
12:57844049:C:T_T
p = 0.31, beta = 0.148, N = 322

**LDFHFSSDR pc2
P55103**



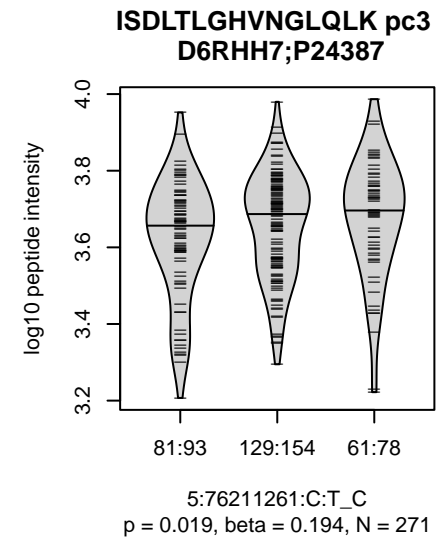
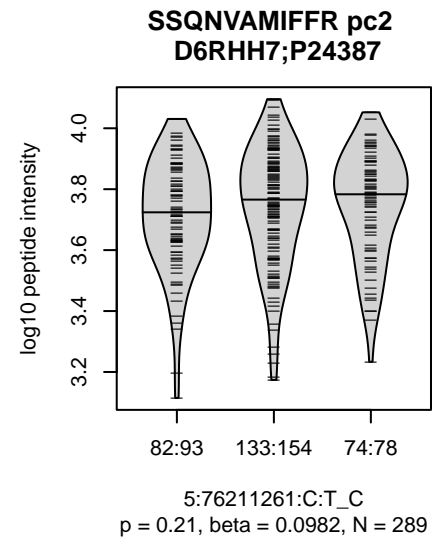
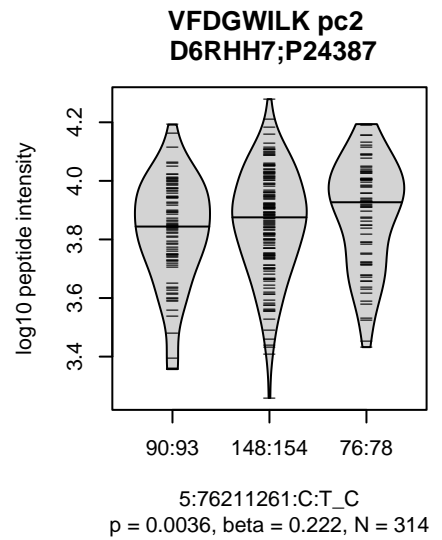
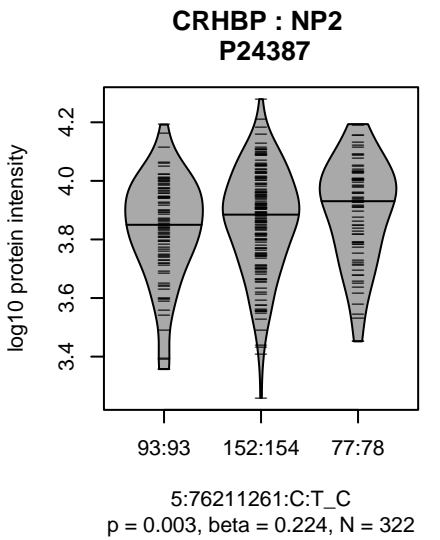
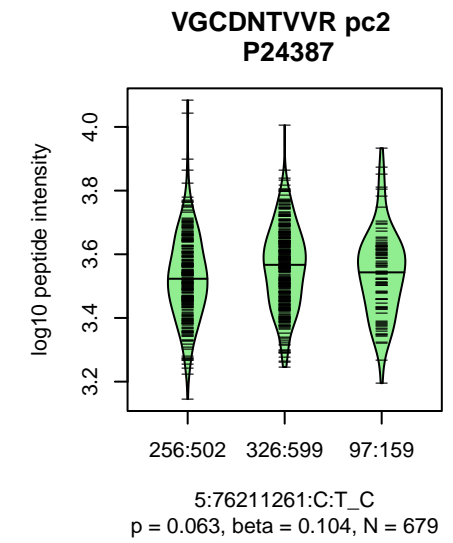
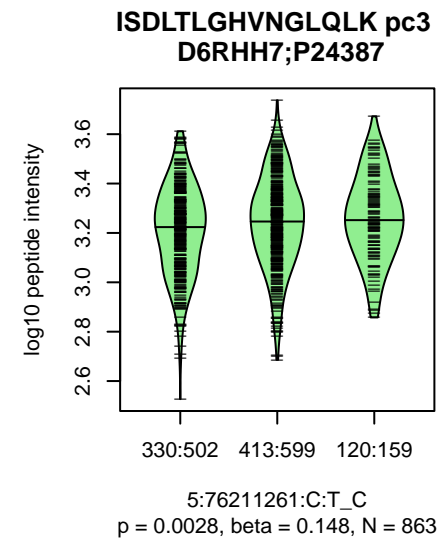
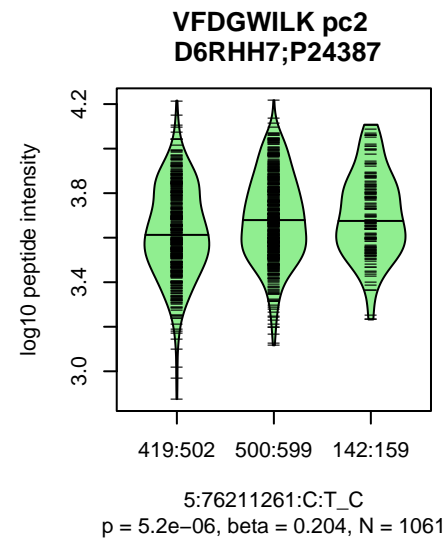
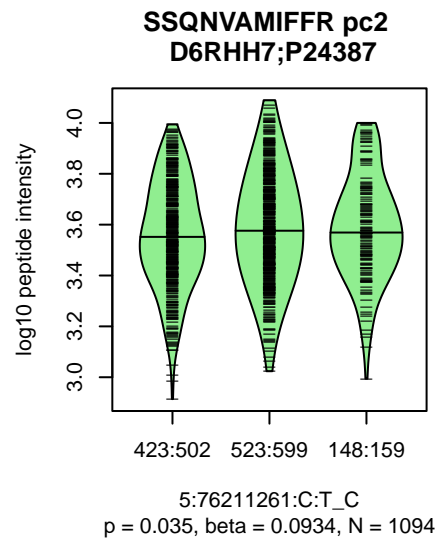
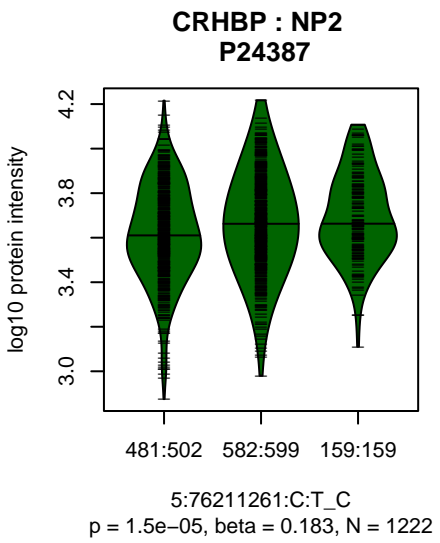
12:57844049:C:T_T
p = 0.37, beta = -0.131, N = 316

**AGGQCPACGGPTLELESQR pc3
P55103**



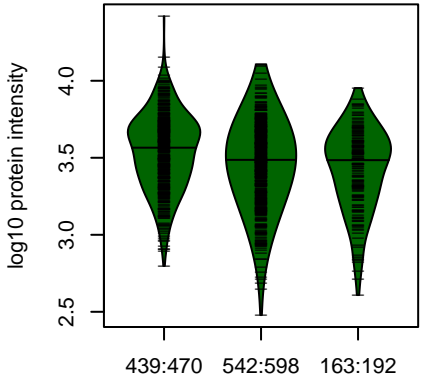
12:57844049:C:T_T
p = 0.7, beta = 0.0924, N = 147

Assay Target: INHBC
Olink UniProt: P55103
UKB rsID: rs3741414
Proxy rsID: rs3741414
UKB SNP: 12:57844049:C:T
Proxy SNP: 12:57844049:C:T
UKB log10(p): 1817.4
UKB BETA: -0.655
*:-:-:-:-
1242:993:815:513:260



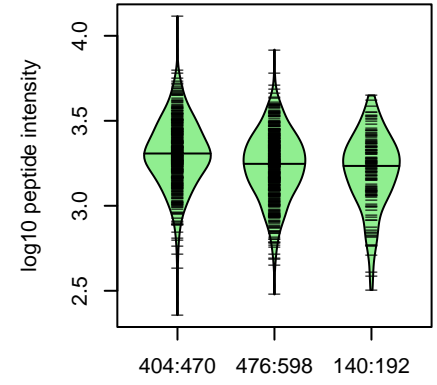
Assay Target: CRHBP
 Olink UniProt: P24387
 UKB rsID: rs1700657
 Proxy rsID: rs1700657
 UKB SNP: 5:76211261:C:T
 Proxy SNP: 5:76211261:C:T
 UKB log10(p): 1809.2
 UKB BETA: -0.569
 -*:*-:-
 1094:1061:863:679:181

KLK10 : NP3
O43240



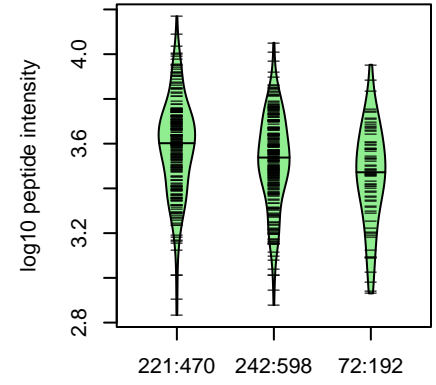
19:51523203:T:C_T
p = 6.1e-07, beta = -0.213, N = 1144

GLTCSSITILSPK pc2
O43240



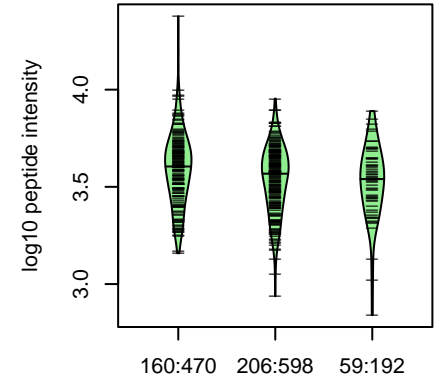
19:51523203:T:C_T
p = 2.3e-07, beta = -0.235, N = 1020

ALQLPYR pc2
O43240



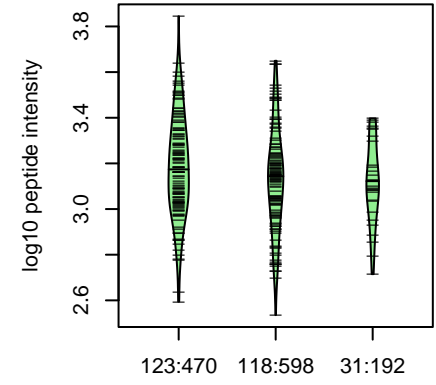
19:51523203:T:C_T
p = 1.2e-05, beta = -0.272, N = 535

RTDEHDLMLLK pc3
O43240



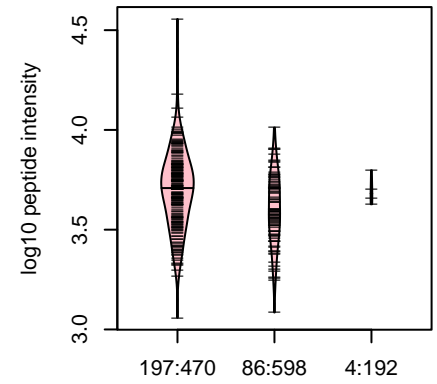
19:51523203:T:C_T
p = 0.005, beta = -0.198, N = 425

YHQGSGPILPR pc2
O43240



19:51523203:T:C_T
p = 0.059, beta = -0.168, N = 272

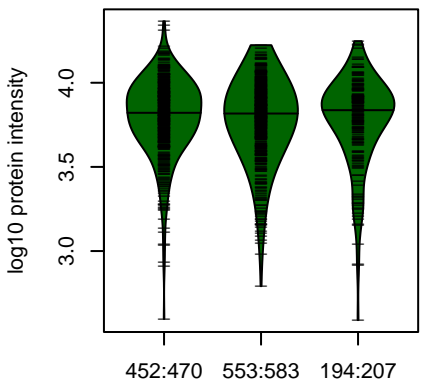
LDPEAYGAPCAR pc2
rs3745535 ALT



19:51523203:T:C_T
p = 6.1e-35, model = REC, N = 287

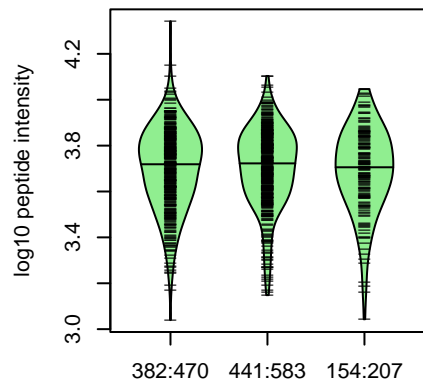
Assay Target: KLK10
Olink UniProt: O43240
UKB rsID: rs2569454
Proxy rsID: rs2569454
UKB SNP: 19:51523203:T:C
Proxy SNP: 19:51523203:T:C
UKB log10(p): 1762.7
UKB BETA: 0.576
..*.-.-.-:NA:NA
1020:535:425:272:248:86:76:5:4

LGALS3 : NP3
P17931



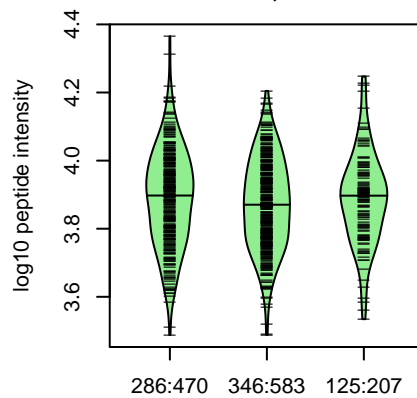
14:55610242:C:A_A
p = 0.22, beta = -0.0501, N = 1199

VAVNDAHLLQYNHR pc3
P17931



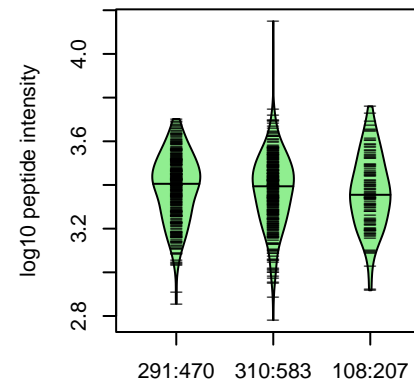
14:55610242:C:A_A
p = 0.39, beta = -0.0391, N = 977

IALDFQR pc2
G3V3R6;P17931



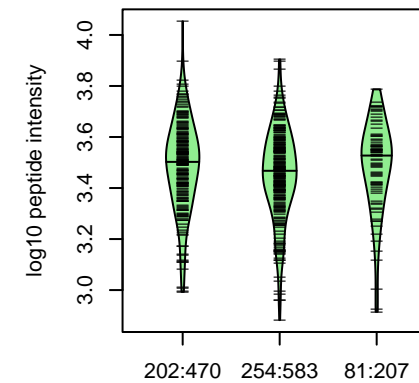
14:55610242:C:A_A
p = 0.4, beta = -0.0429, N = 757

IQVLVEPDHFK pc3
P17931



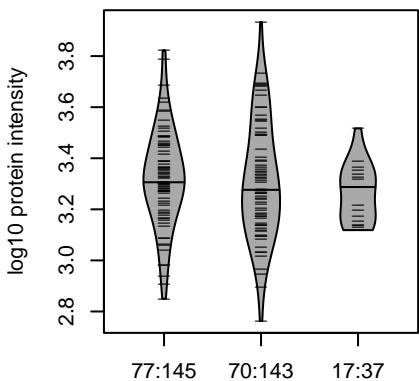
14:55610242:C:A_A
p = 0.12, beta = -0.0828, N = 709

GNDVAFHFNPR pc3
G3V3R6;P17931



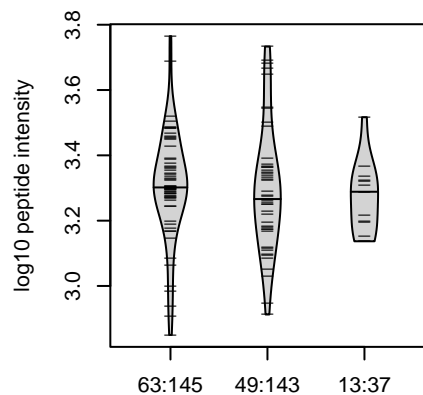
14:55610242:C:A_A
p = 0.31, beta = -0.0628, N = 537

LGALS3 : NP3
P17931



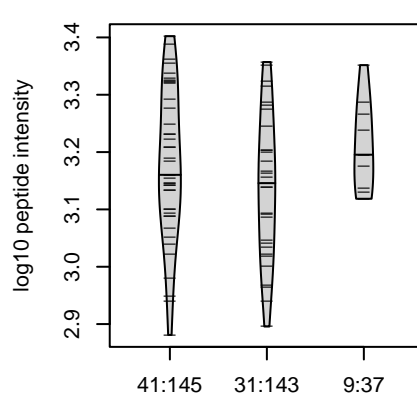
14:55610242:C:A_A
p = 0.34, beta = -0.11, N = 164

VAVNDAHLLQYNHR pc3
P17931



14:55610242:C:A_A
p = 0.33, beta = -0.128, N = 125

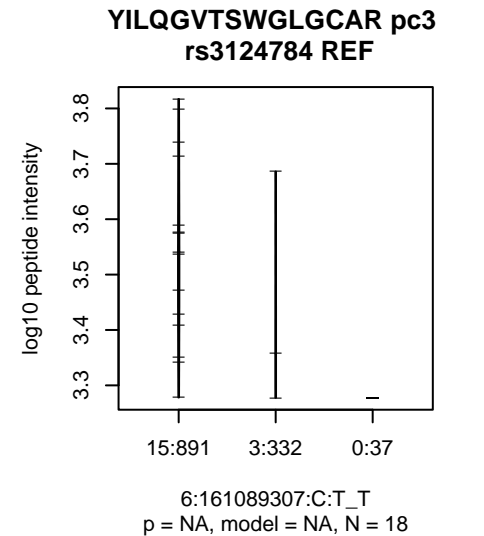
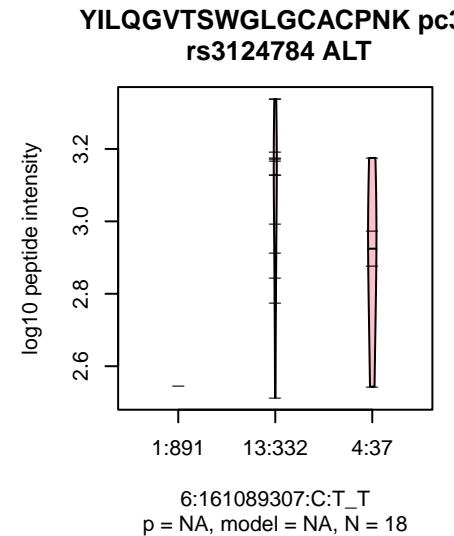
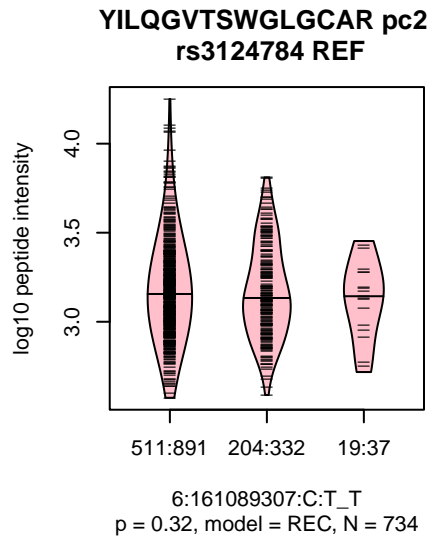
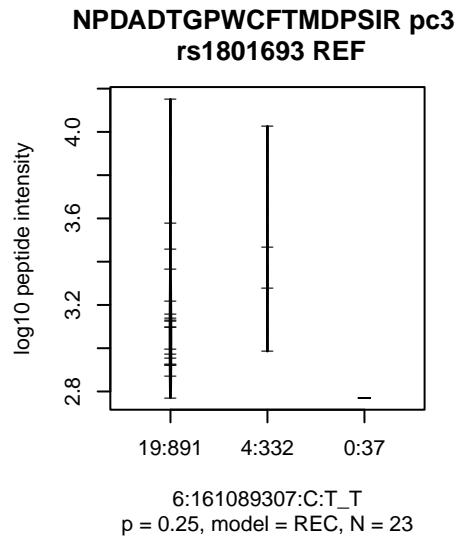
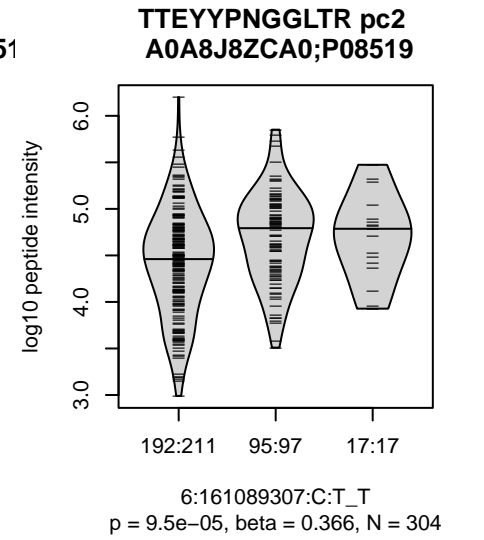
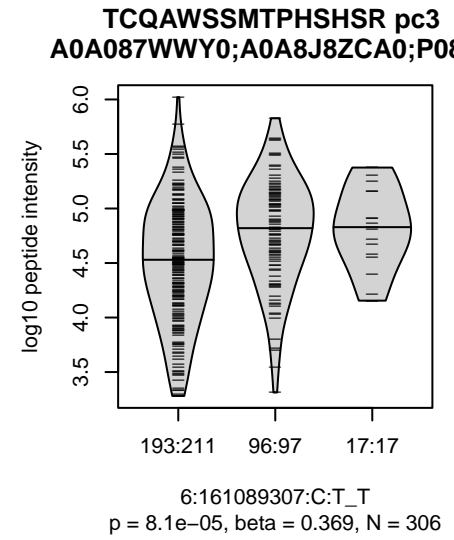
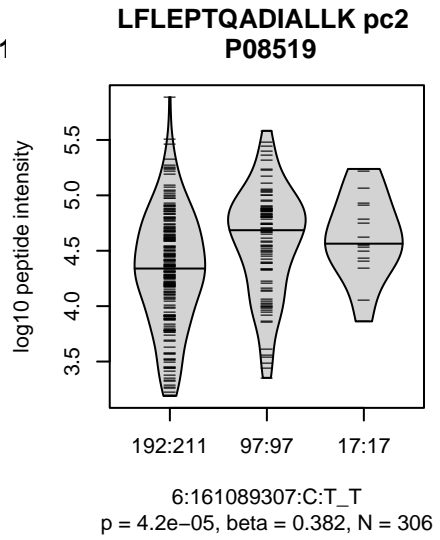
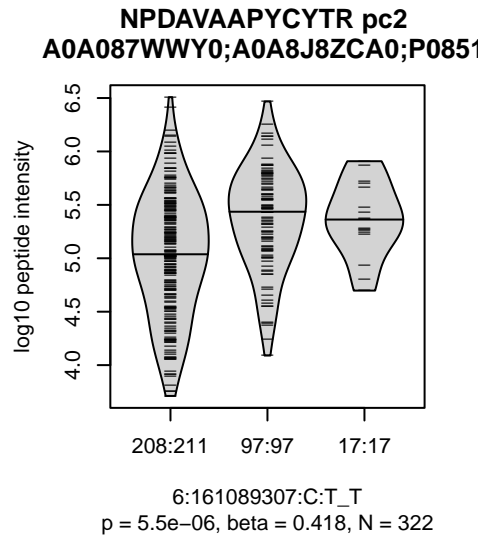
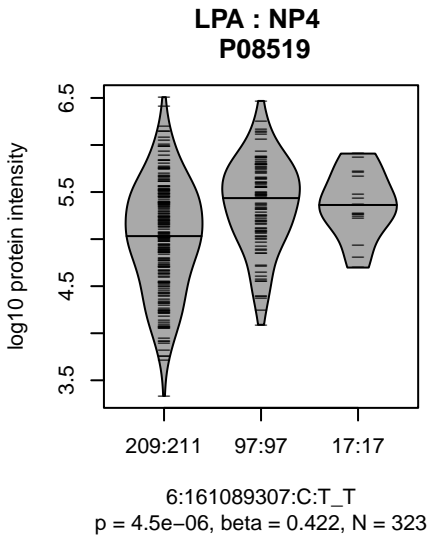
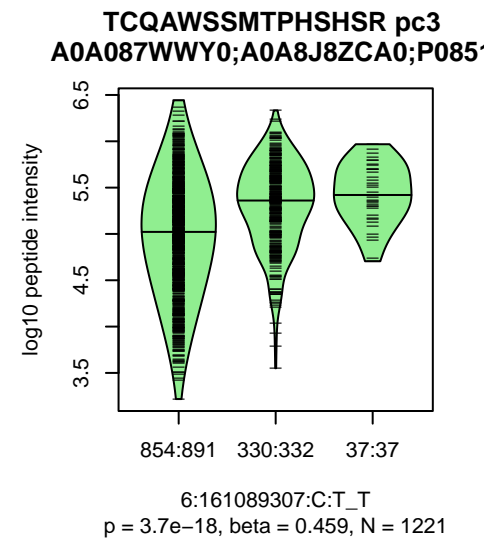
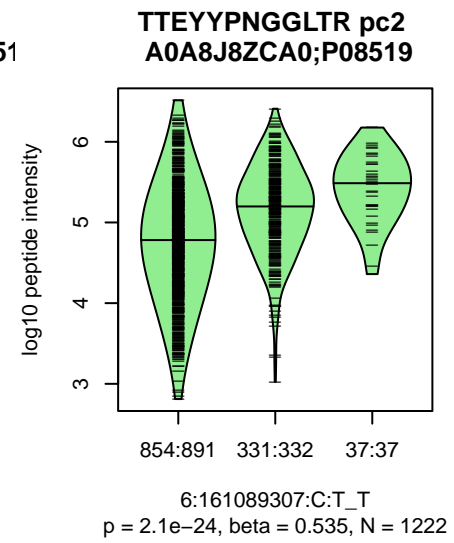
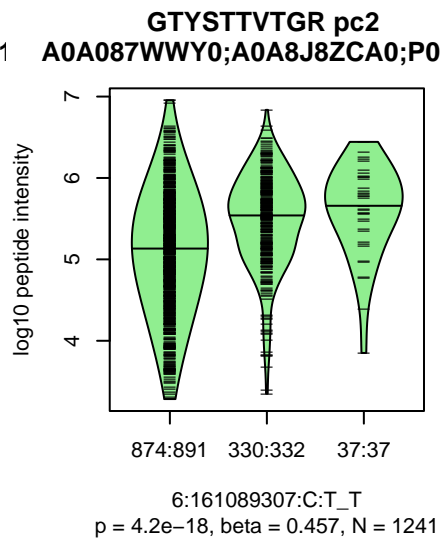
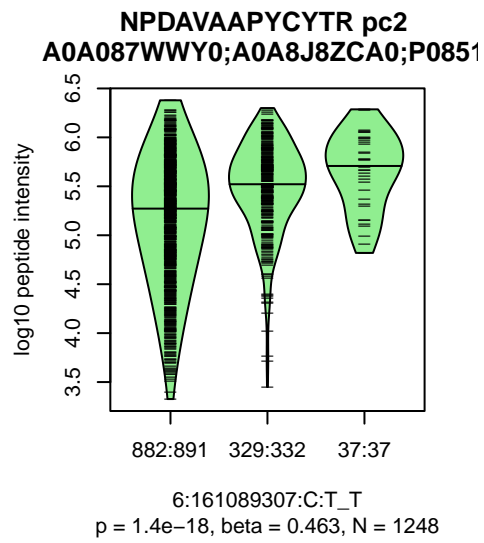
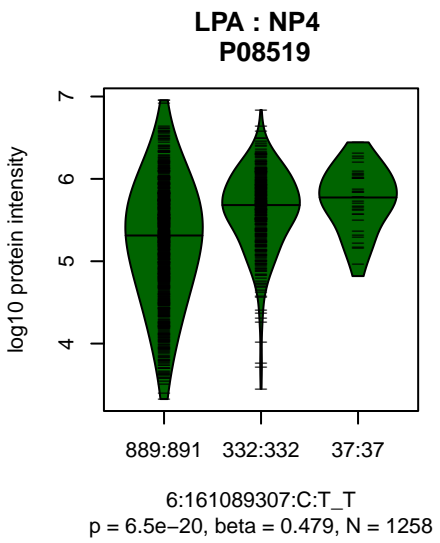
IQVLVEPDHFK pc3
P17931



14:55610242:C:A_A
p = 0.96, beta = -0.0087, N = 81

Assay Target: LGALS3
Olink UniProt: P17931
UKB rsID: rs3832943
Proxy rsID: rs6573005
UKB SNP: 14:55606801:A:AAT
Proxy SNP: 14:55610242:C:A
UKB log10(p): 1725.9
UKB BETA: -0.526

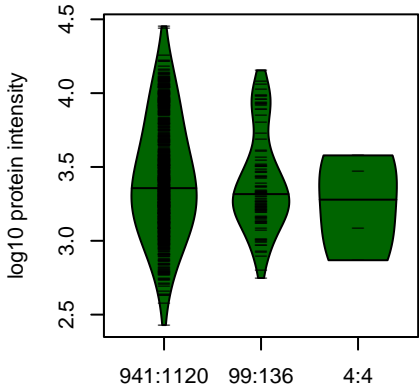
977:757:709:658:537:280:231:1



Assay Target: LPA
Olink UniProt: P08519
UKB rsID: rs56393506
Proxy rsID: rs56393506
UKB SNP: 6:161089307:C:T
Proxy SNP: 6:161089307:C:T
UKB log10(p): 1600.5
UKB BETA: 0.722

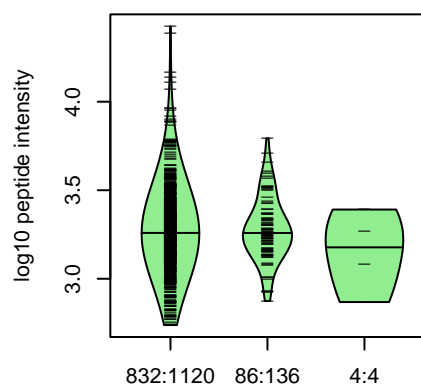
1248:1241:1222:1221:1218:120

CES1 : NP2
P23141;P23141-2;P23141-3



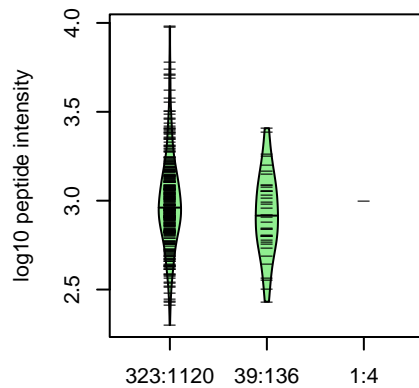
16:55860775:G:A_A
p = 0.53, beta = -0.0608, N = 1044

EVAFWTNLFAK pc2
P23141;P23141-2;P23141-3



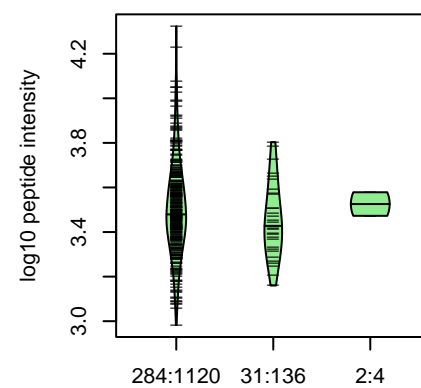
16:55860775:G:A_A
p = 0.47, beta = 0.0742, N = 922

AISESGVALTSVLVK pc2
P23141;P23141-2;P23141-3



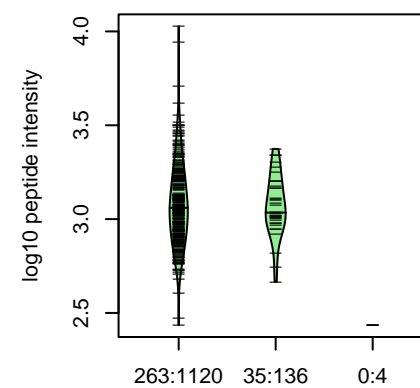
16:55860775:G:A_A
p = 0.26, beta = -0.18, N = 363

FLSLDLQGDPK pc2
P23141;P23141-2;P23141-3



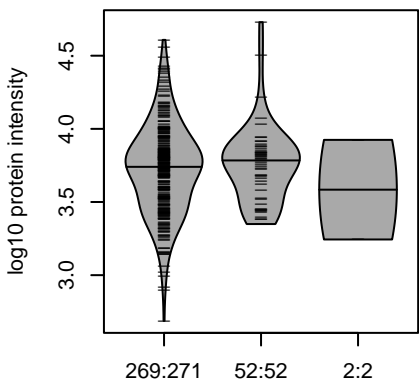
16:55860775:G:A_A
p = 0.55, beta = -0.0989, N = 317

NFHTVPYMGVINK pc3
P23141;P23141-2;P23141-3



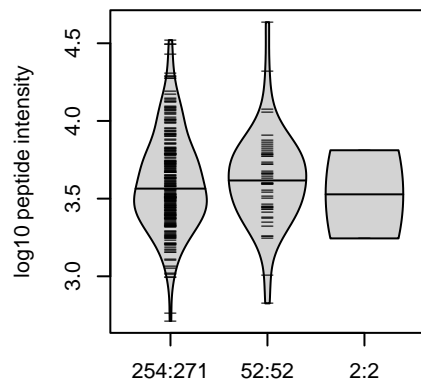
16:55860775:G:A_A
p = 0.92, beta = 0.0179, N = 298

CES1 : NP2
P23141;P23141-2;P23141-3



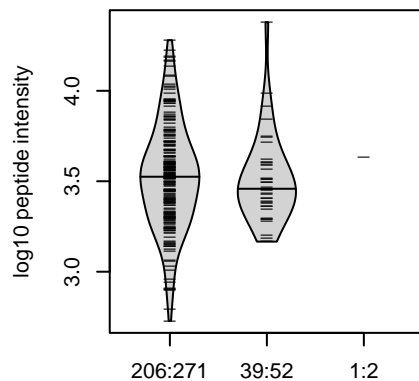
16:55860775:G:A_A
p = 0.66, beta = 0.0611, N = 323

EVAFWTNLFAK pc2
P23141;P23141-2;P23141-3



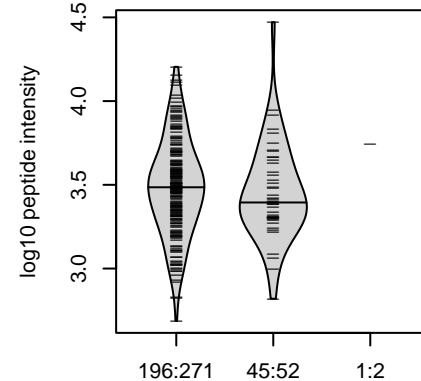
16:55860775:G:A_A
p = 0.62, beta = 0.0689, N = 308

TVIGDHGDELFSVFGAPFLK pc3
P23141;P23141-2;P23141-3



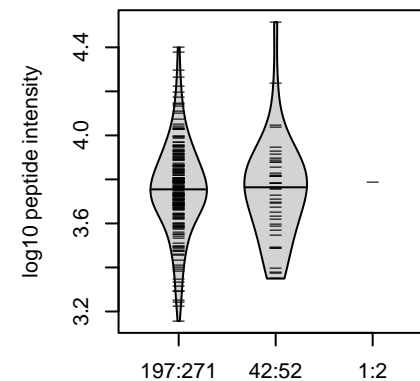
16:55860775:G:A_A
p = 1, beta = 0.000374, N = 246

EGYLQIGANTQAAQK pc2
P23141;P23141-2;P23141-3



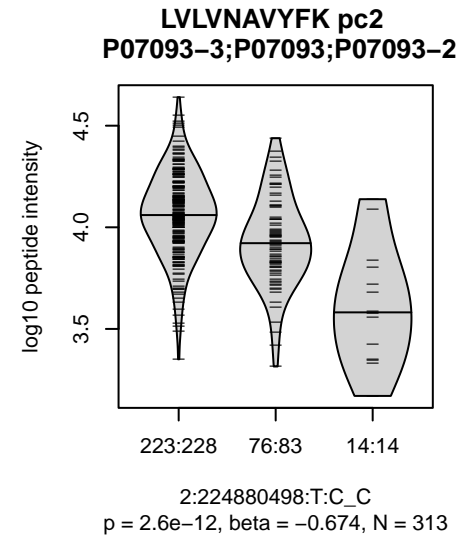
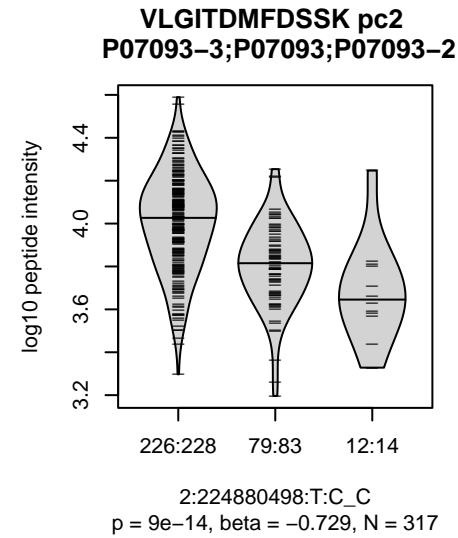
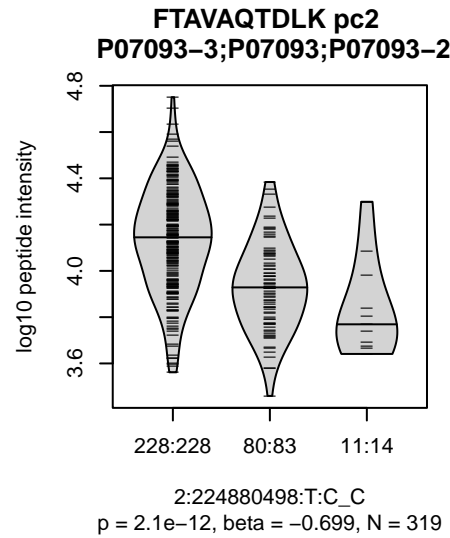
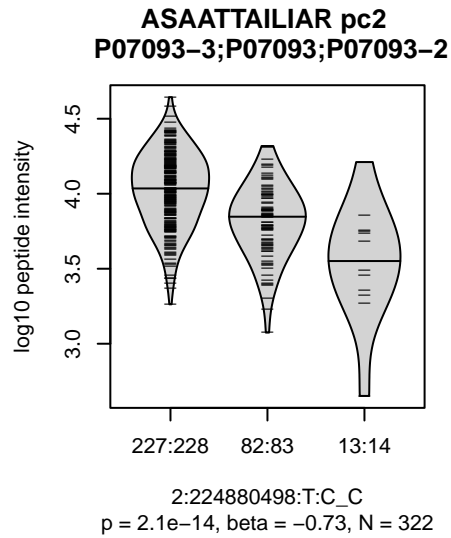
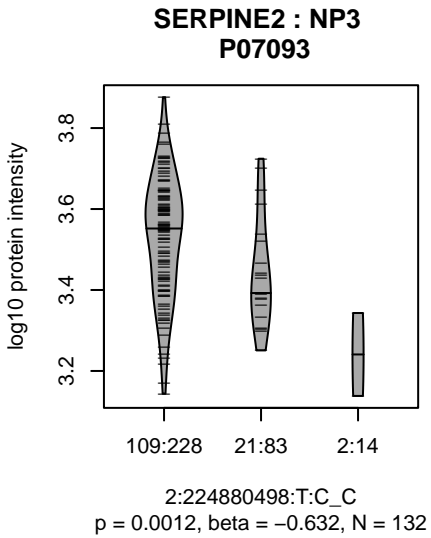
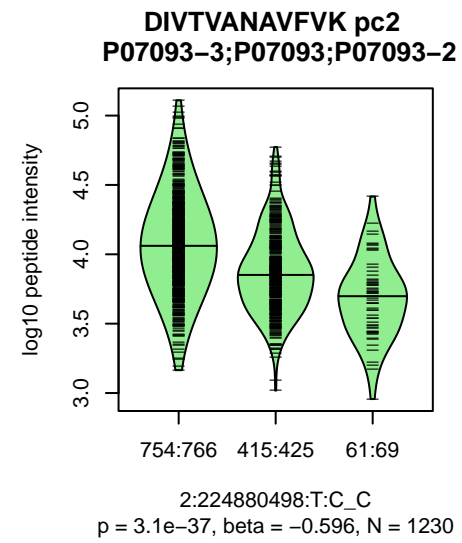
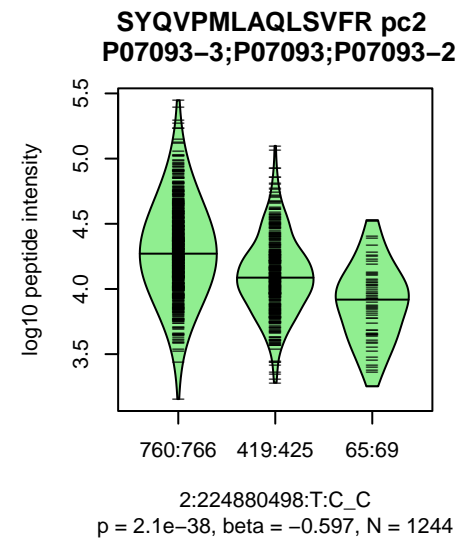
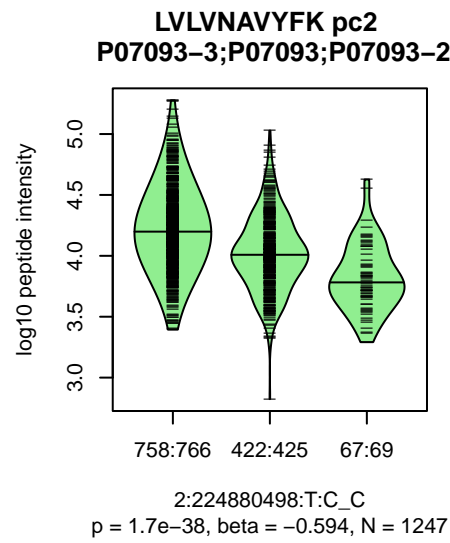
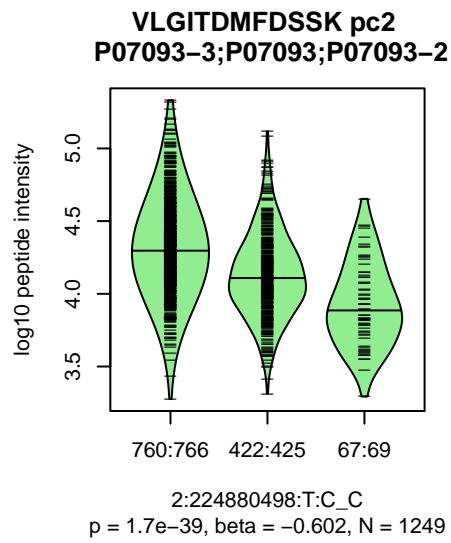
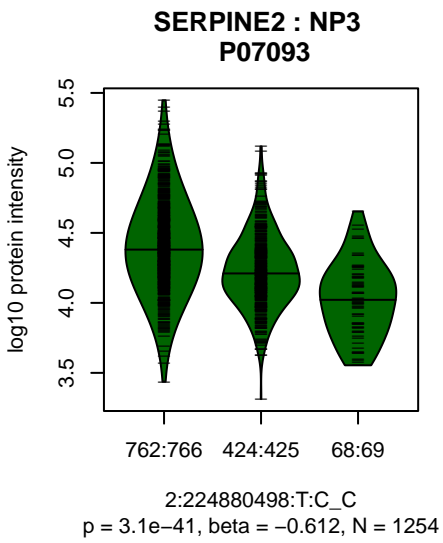
16:55860775:G:A_A
p = 0.6, beta = -0.0822, N = 242

FLSLDLQGDPK pc2
P23141;P23141-2;P23141-3



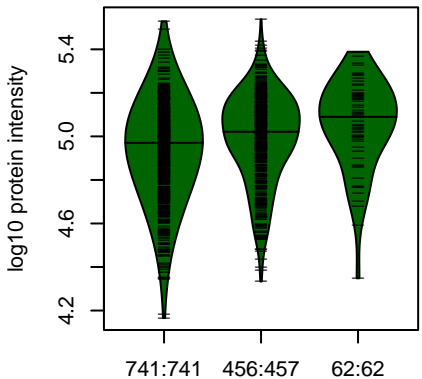
16:55860775:G:A_A
p = 0.92, beta = -0.0152, N = 240

Assay Target: CES1
Olink UniProt: P23141
UKB rsID: rs28547561
Proxy rsID: rs28547561
UKB SNP: 16:55860775:G:A
Proxy SNP: 16:55860775:G:A
UKB log10(p): 1568
UKB BETA: -1.136
-----|
922:363:317:298:235:230:221:2



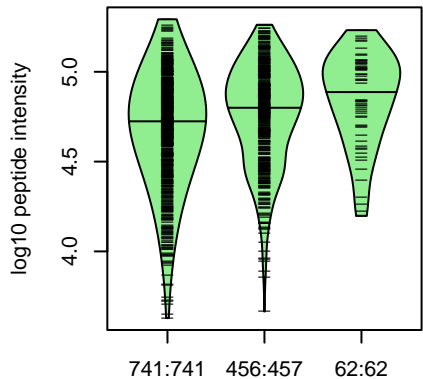
Assay Target: SERPINE2
 Olink UniProt: P07093
 UKB rsID: rs68066031
 Proxy rsID: rs68066031
 UKB SNP: 2:224880498:T:C
 Proxy SNP: 2:224880498:T:C
 UKB log10(p): 1562.2
 UKB BETA: -0.63
 *****-:-N
 1249:1247:1244:1230:1204:118

**SERPINA4 : NP4
P29622**



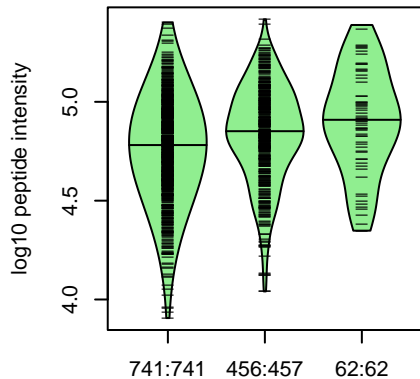
14:95033595:A:T_T
p = 3.4e-10, beta = 0.297, N = 1259

**GDATVFFILPNQ GK pc2
P29622**



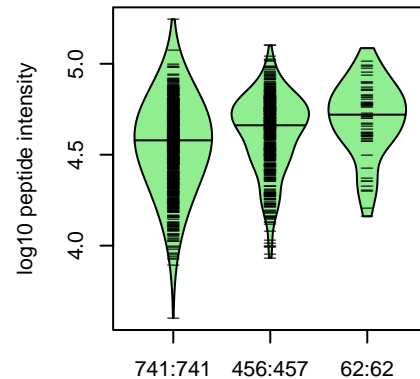
14:95033595:A:T_T
p = 6.2e-09, beta = 0.275, N = 1259

**LGFTDLFSK pc2
P29622**



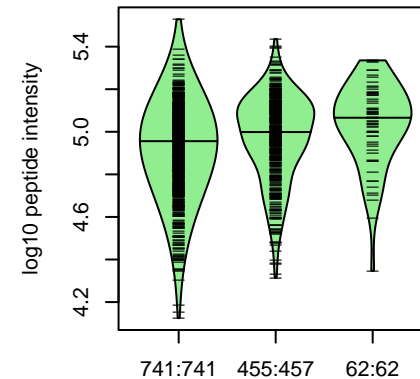
14:95033595:A:T_T
p = 2.5e-09, beta = 0.282, N = 1259

**WADLSGITK pc2
P29622**



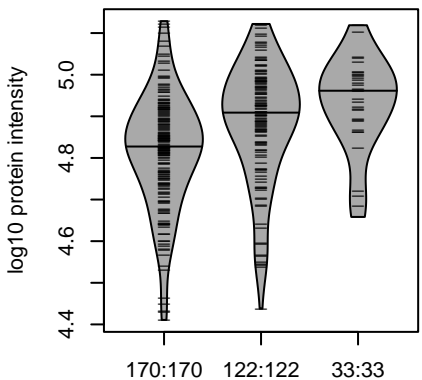
14:95033595:A:T_T
p = 9.2e-12, beta = 0.322, N = 1259

**FFSAQTNR pc2
P29622**



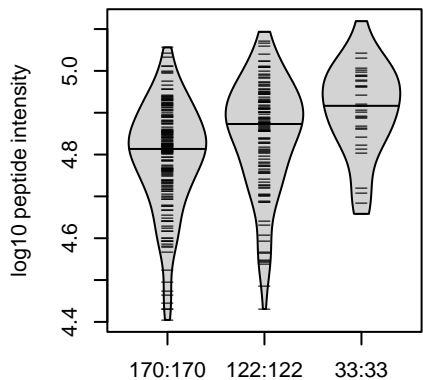
14:95033595:A:T_T
p = 5.8e-10, beta = 0.293, N = 1258

**SERPINA4 : NP4
P29622**



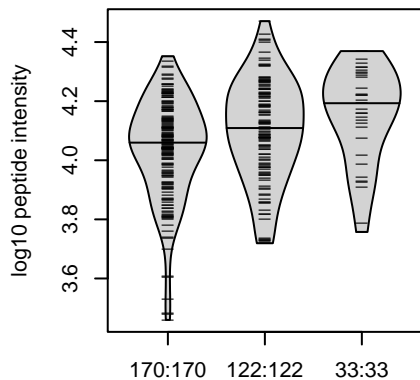
14:95033595:A:T_T
p = 5.4e-08, beta = 0.436, N = 325

**FFSAQTNR pc2
P29622**



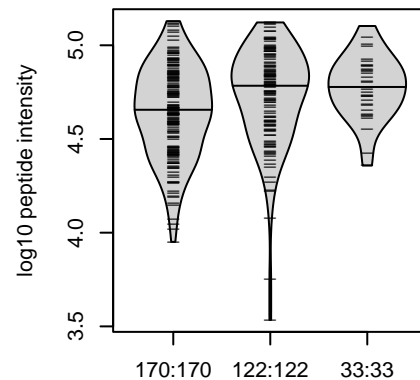
14:95033595:A:T_T
p = 1.9e-08, beta = 0.45, N = 325

**FSISGSYVLDQILPR pc2
P29622**



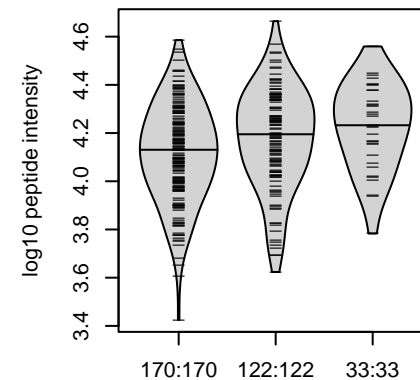
14:95033595:A:T_T
p = 1.6e-05, beta = 0.349, N = 325

**IAPANADFAFR pc2
P29622**



14:95033595:A:T_T
p = 0.00048, beta = 0.284, N = 325

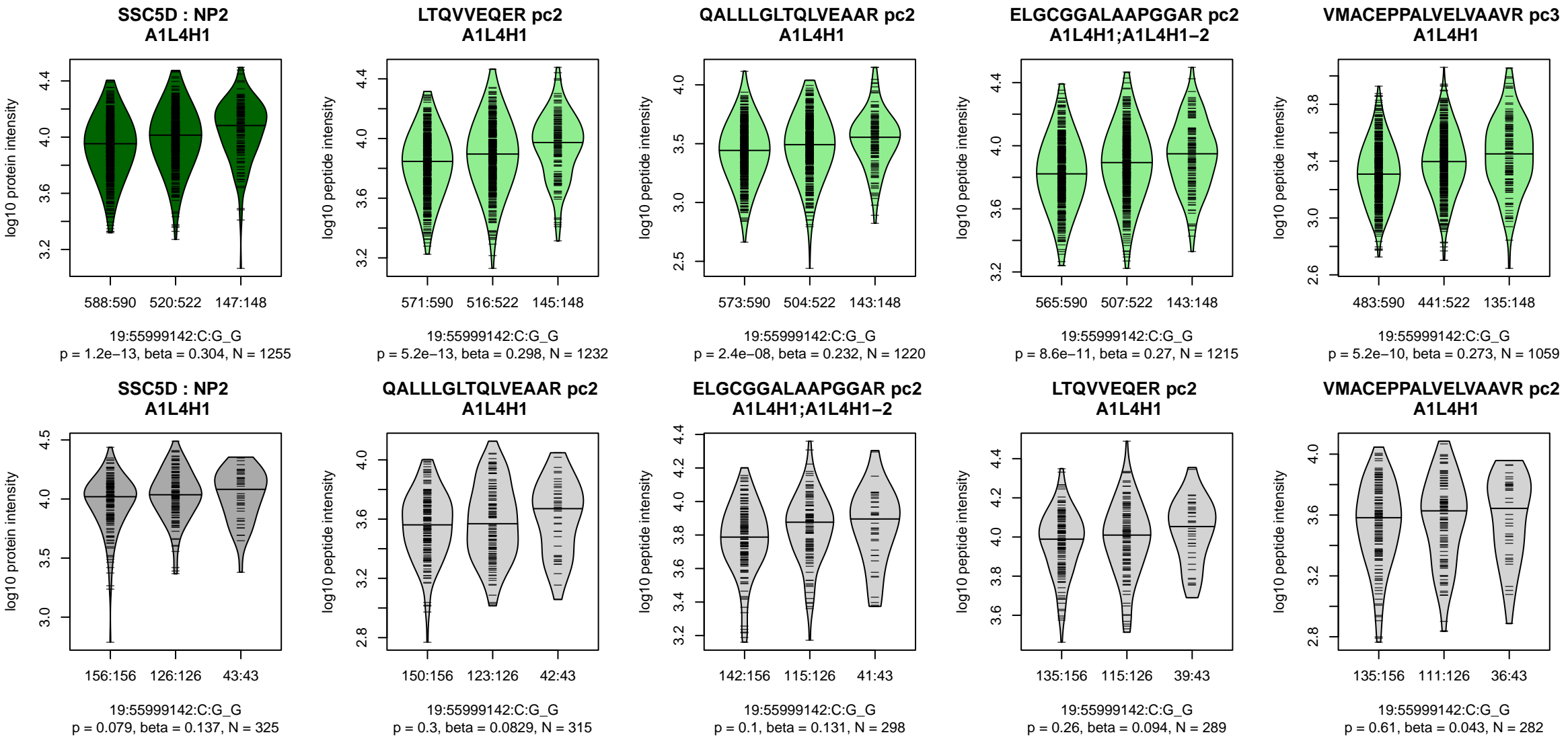
**IVDLVSELK pc2
P29622**



14:95033595:A:T_T
p = 0.0013, beta = 0.262, N = 325

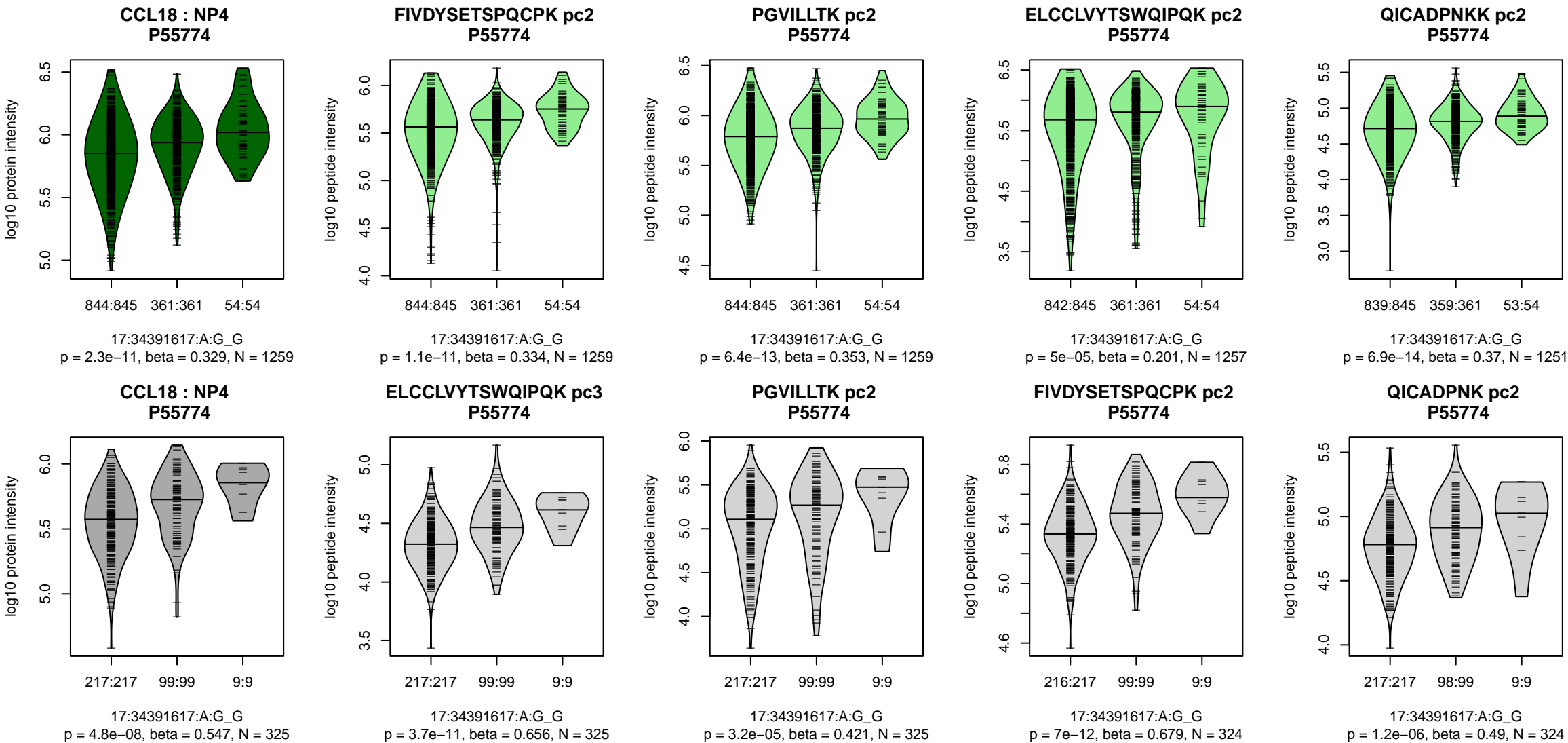
Assay Target: SERPINA4
Olink UniProt: P29622
UKB rsID: rs5511
Proxy rsID: rs5511
UKB SNP: 14:95033595:A:T
Proxy SNP: 14:95033595:A:T
UKB log10(p): 1529.9
UKB BETA: 0.612

1259:1259:1259:1258:1258:125



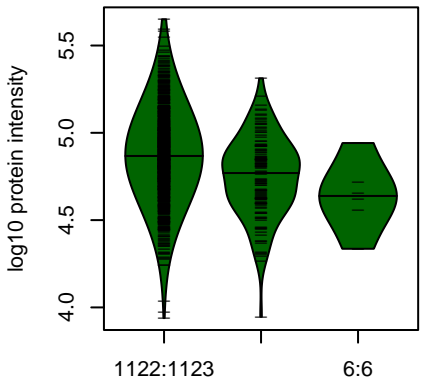
Assay Target: SSC5D
 Olink UniProt: A1L4H1
 UKB rsID: rs55799523
 Proxy rsID: rs8103017
 UKB SNP: 19:55999545:C:A
 Proxy SNP: 19:55999142:C:G
 UKB log10(p): 1347.2
 UKB BETA: 0.53

 1232:1220:1215:1059:1050:100



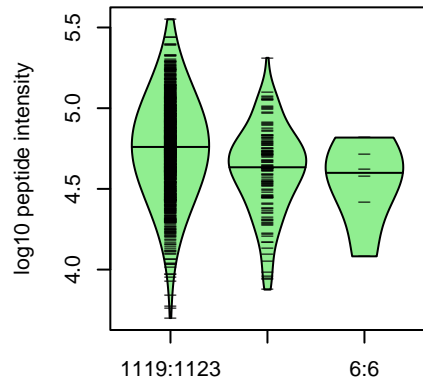
Assay Target: CCL18
 Olink UniProt: P55774
 UKB rsID: rs2015086
 Proxy rsID: rs2015086
 UKB SNP: 17:34391617:A:G
 Proxy SNP: 17:34391617:A:G
 UKB log₁₀(p): 1335.8
 UKB BETA: 0.68
 ..*.*.*.*.*.*
 1259:1259:1257:1257:1251:124

CCL14 : NP4
Q16627



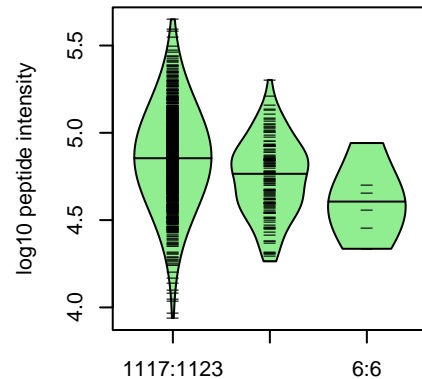
17:34312337:T:C_C
p = 2.3e-09, beta = -0.502, N = 1259

PGIVFITK pc2
A0A087X089;Q16627;Q16627-2



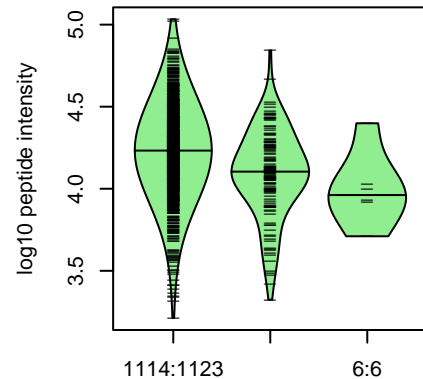
17:34312337:T:C_C
p = 5.1e-08, beta = -0.458, N = 1256

WVQDYIK pc2
A0A087X089;Q16627;Q16627-2



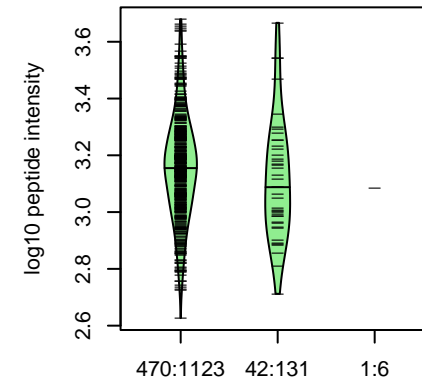
17:34312337:T:C_C
p = 2.6e-08, beta = -0.469, N = 1253

IMDYETNSQCSK pc2
A0A087X089;A0A0B4J2G5;Q16627;Q16627-2



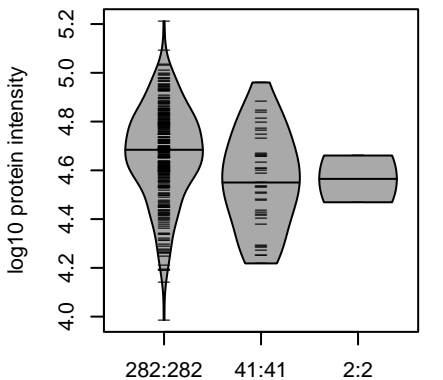
17:34312337:T:C_C
p = 1.3e-08, beta = -0.477, N = 1251

GHSVCTNPSDK pc2
A0A087X089;Q16627;Q16627-2



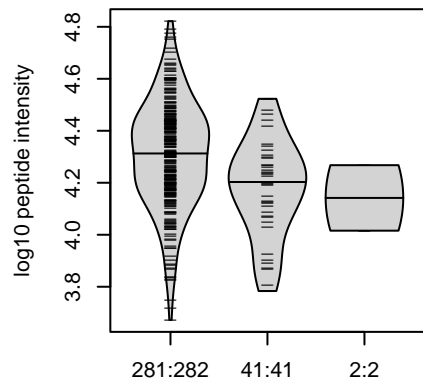
17:34312337:T:C_C
p = 0.11, beta = -0.245, N = 513

CCL14 : NP4
Q16627



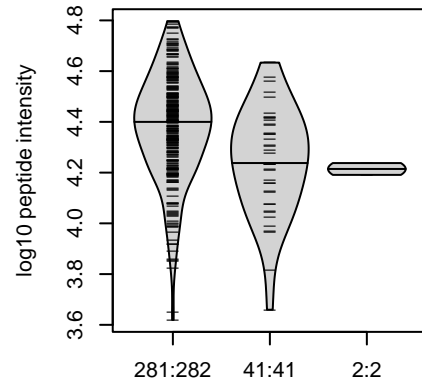
17:34312337:T:C_C
p = 0.0065, beta = -0.409, N = 325

IMDYETNSQCSK pc3
A0A087X089;A0A0B4J2G5;Q16627;Q16627-2



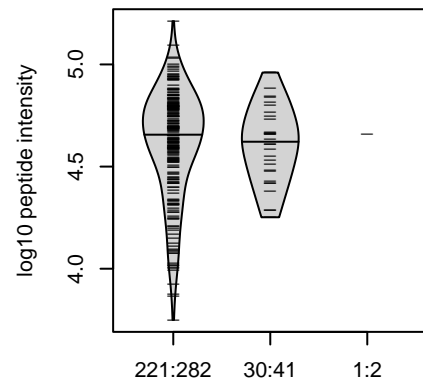
17:34312337:T:C_C
p = 0.00067, beta = -0.51, N = 324

PGIVFITK pc2
A0A087X089;Q16627;Q16627-2



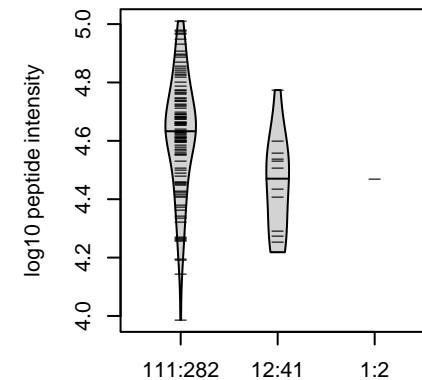
17:34312337:T:C_C
p = 0.00053, beta = -0.519, N = 324

WVQDYIK pc2
A0A087X089;Q16627;Q16627-2



17:34312337:T:C_C
p = 0.93, beta = -0.015, N = 252

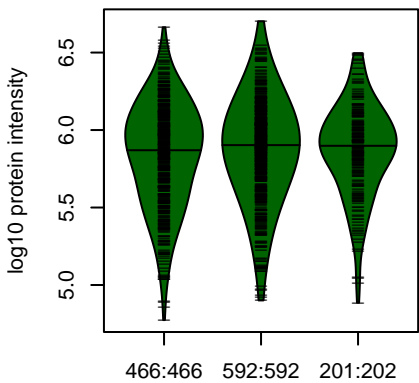
GPYHPSECCFTYTTYK pc3
A0A0B4J2G5;Q16627



17:34312337:T:C_C
p = 0.046, beta = -0.509, N = 124

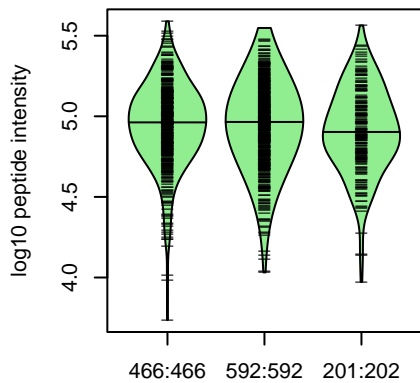
Assay Target: CCL14
Olink UniProt: Q16627
UKB rsID: rs9903158
Proxy rsID: rs9903158
UKB SNP: 17:34312337:T:C
Proxy SNP: 17:34312337:T:C
UKB log10(p): 1253.1
UKB BETA: -0.997
..*.-.-:NA
1256:1253:1251:513:239:32

IGFBP3 : NP4
P17936;P17936-2



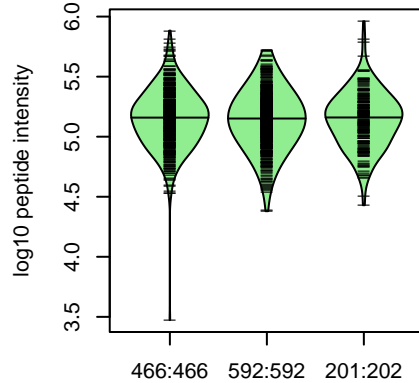
7:45960645:G:C_C
p = 0.25, beta = 0.0467, N = 1259

ALAQCAPPAVCAELVR pc2
P17936;P17936-2



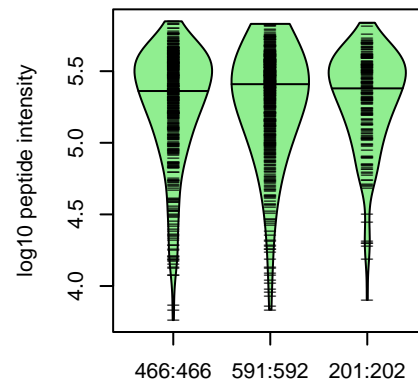
7:45960645:G:C_C
p = 0.3, beta = -0.0414, N = 1259

GFCWCVDK pc2
B3KWK7;P17936;P17936-2



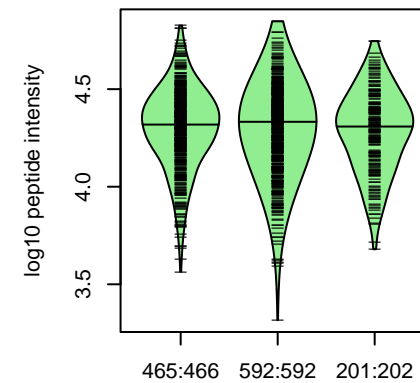
7:45960645:G:C_C
p = 0.63, beta = -0.0192, N = 1259

EMEDTLNHLK pc2
B3KWK7;P17936;P17936-2



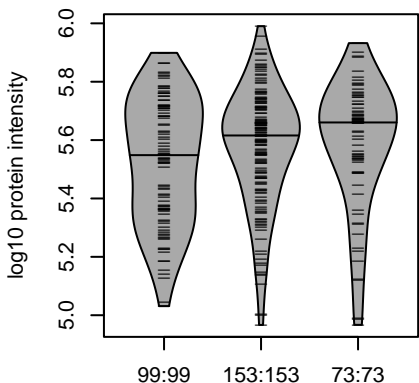
7:45960645:G:C_C
p = 0.2, beta = 0.0522, N = 1258

REMEDTLNHLK pc3
B3KWK7;P17936;P17936-2



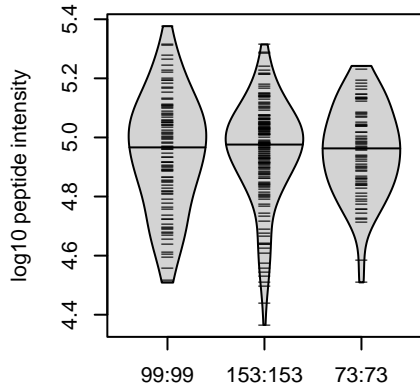
7:45960645:G:C_C
p = 0.66, beta = -0.0175, N = 1258

IGFBP3 : NP4
P17936;P17936-2



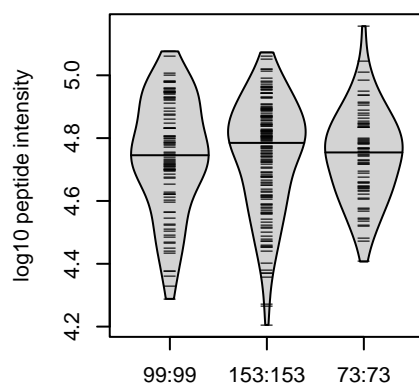
7:45960645:G:C_C
p = 0.35, beta = 0.0705, N = 325

ALAQCAPPAVCAELVR pc2
P17936;P17936-2



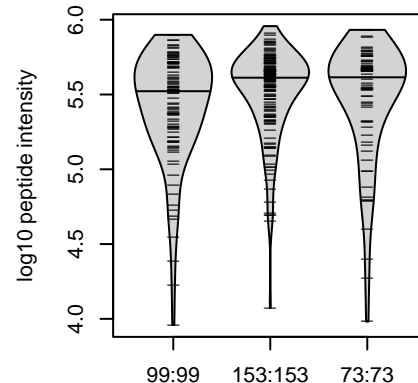
7:45960645:G:C_C
p = 0.81, beta = -0.0187, N = 325

GFCWCVDK pc2
B3KWK7;P17936;P17936-2



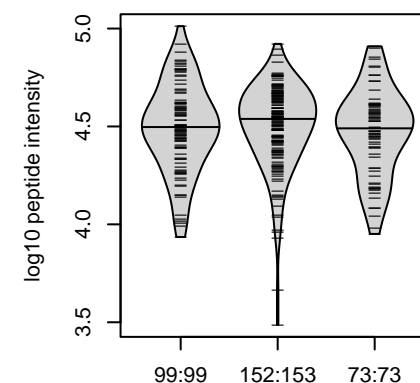
7:45960645:G:C_C
p = 0.55, beta = -0.0453, N = 325

YGQLPLGYTTK pc2
B3KWK7;P17936;P17936-2



7:45960645:G:C_C
p = 0.94, beta = 0.00605, N = 325

CQPSPDEARPLQALLDGR pc3
P17936;P17936-2

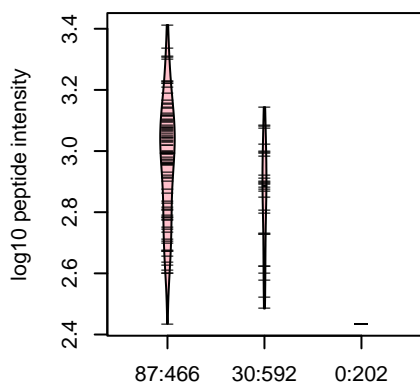


7:45960645:G:C_C
p = 0.59, beta = -0.0407, N = 324

Assay Target: IGFBP3
Olink UniProt: P17936
UKB rsID: rs2854746
Proxy rsID: rs2854746
UKB SNP: 7:45960645:G:C
Proxy SNP: 7:45960645:G:C
UKB log10(p): 1220.7
UKB BETA: 0.451

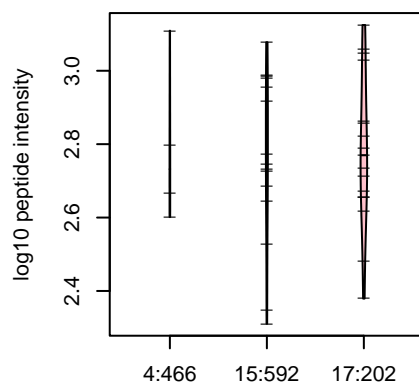
1259:1259:1258:1258:123

AGASSAGLGPVVR pc2
rs2854746 REF

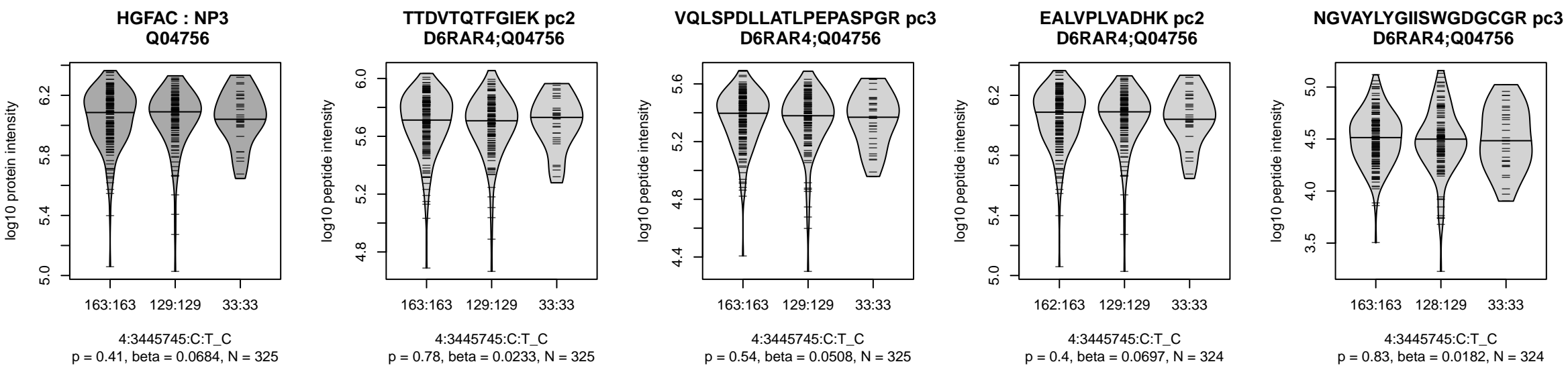
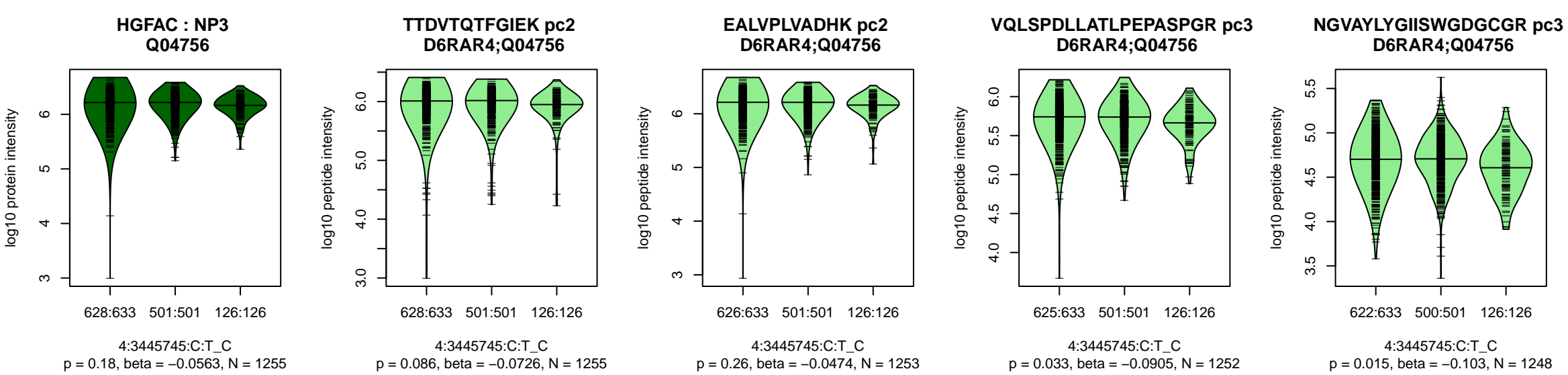


7:45960645:G:C_C
p = 9e-18, model = REC, N = 117

AGASSGGLGPVVR pc2
rs2854746 ALT

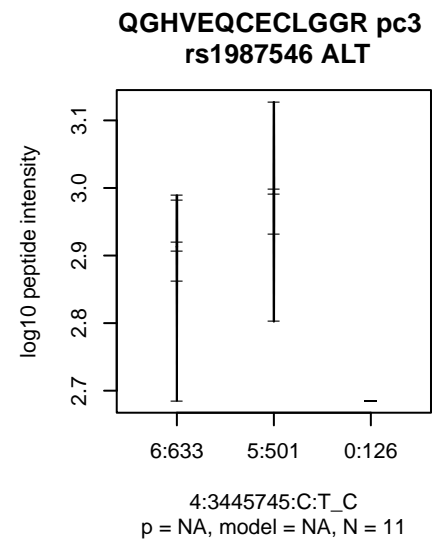
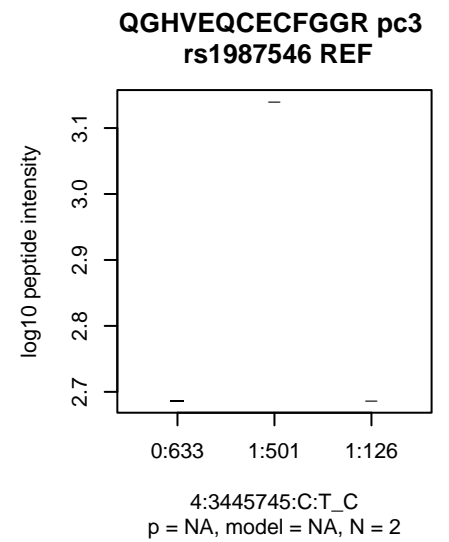


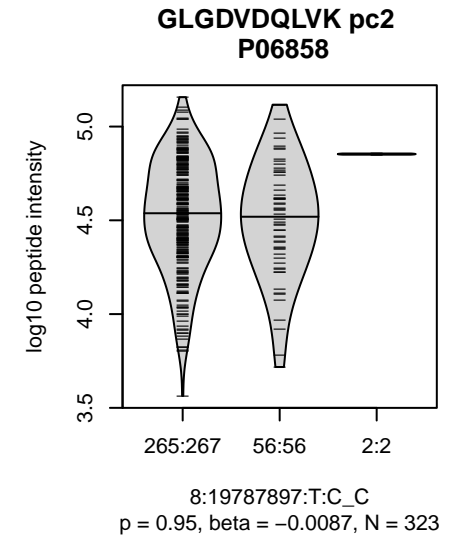
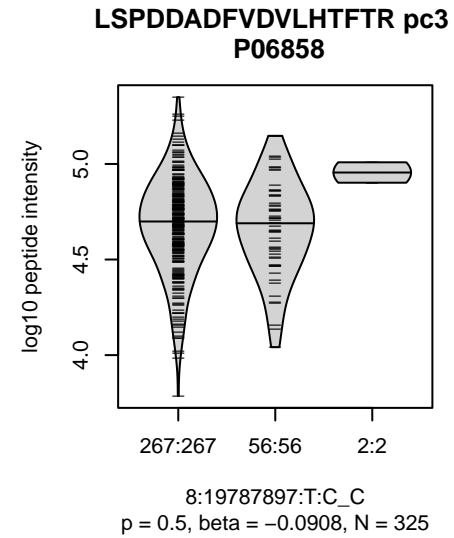
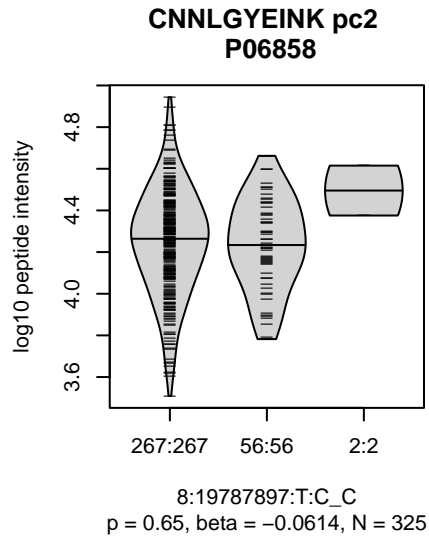
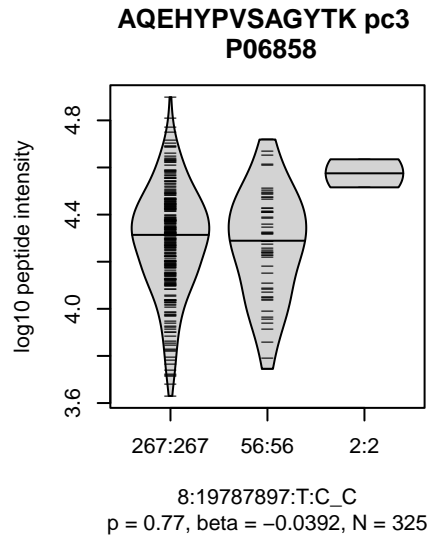
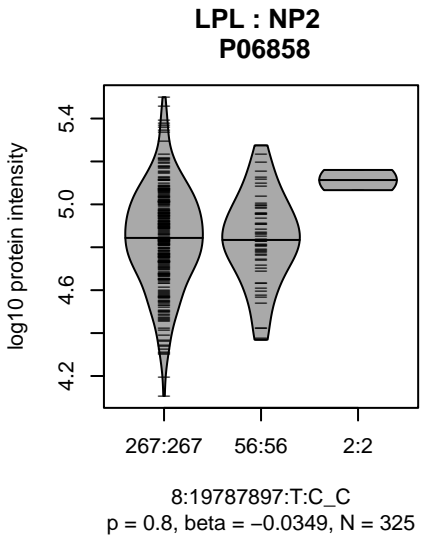
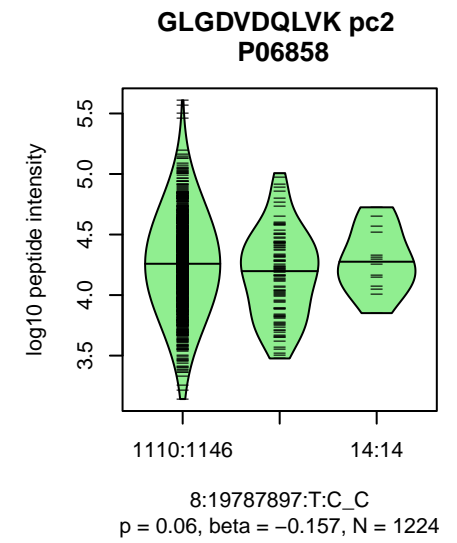
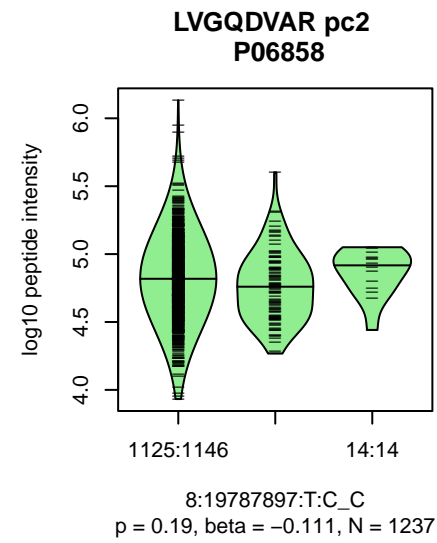
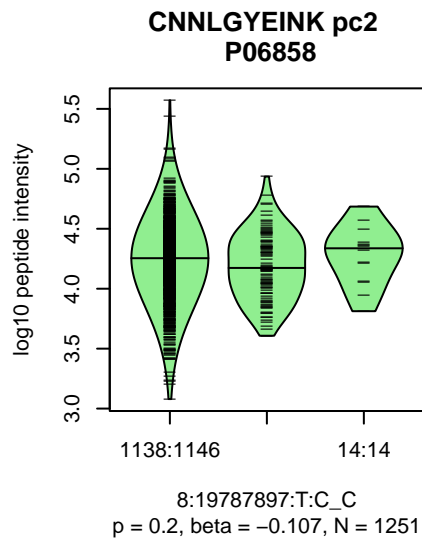
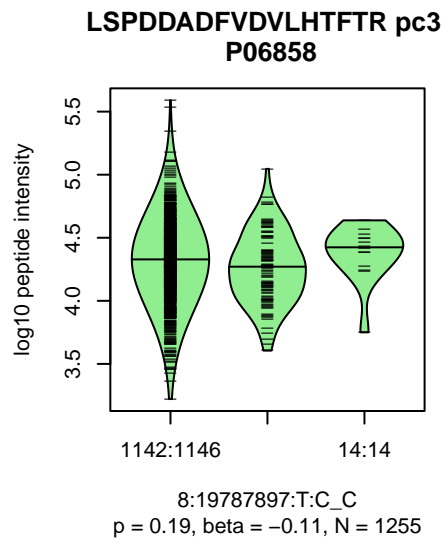
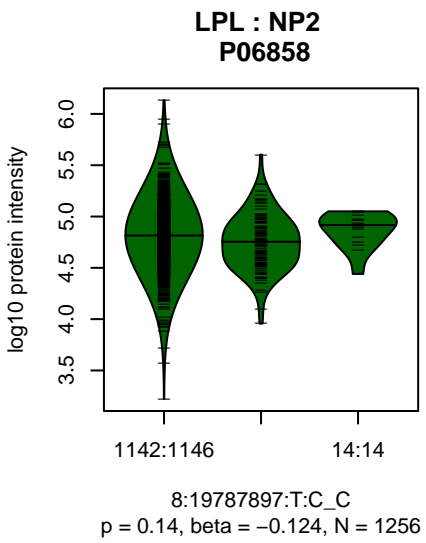
7:45960645:G:C_C
p = 8.2e-06, model = DOM, N = 36



Assay Target: HGFAC
 Olink UniProt: Q04756
 UKB rsID: rs4690097
 Proxy rsID: rs4690097
 UKB SNP: 4:3445745:C:T
 Proxy SNP: 4:3445745:C:T
 UKB log10(p): 1192.8
 UKB BETA: -0.491

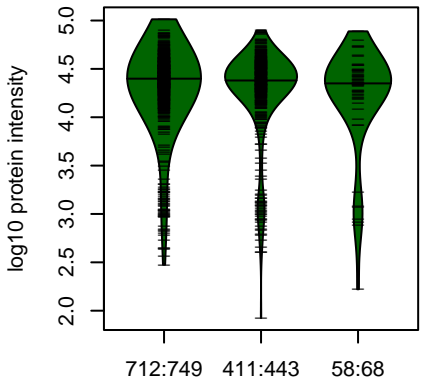
 1255:1253:1252:1248:1235:123





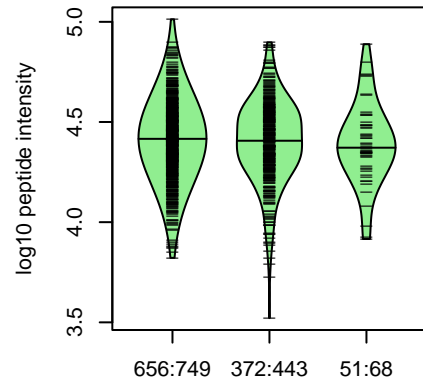
Assay Target: LPL
 Olink UniProt: P06858
 UKB rsID: rs1801177
 Proxy rsID: rs3951339
 UKB SNP: 8:19805708:G:A
 Proxy SNP: 8:19787897:T:C
 UKB log10(p): 1170.6
 UKB BETA: -1.491
 -----*-----
 1255:1251:1237:1224:1186:117

ADAMTS8 : NP5
Q9UP79



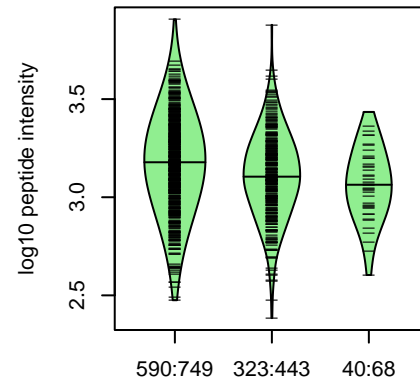
11:130281488:G:A_G
 $p = 0.088$, $\beta = -0.084$, $N = 1181$

YSGSIATLER pc2
Q9UP79



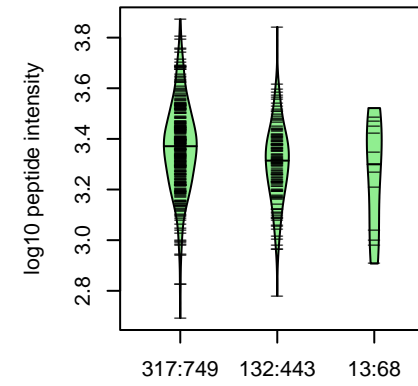
11:130281488:G:A_G
 $p = 0.24$, $\beta = -0.0604$, $N = 1079$

SHPGVQNDGNYLALK pc3
Q9UP79



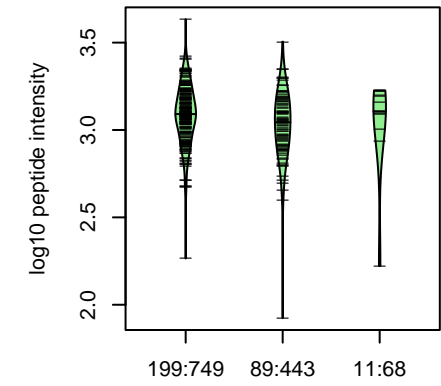
11:130281488:G:A_G
 $p = 5.1e-06$, $\beta = -0.255$, $N = 953$

MALYQLDQQCR pc2
Q9UP79



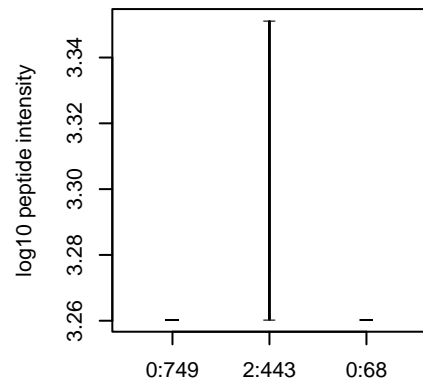
11:130281488:G:A_G
 $p = 0.00011$, $\beta = -0.333$, $N = 462$

GPEWEVETGEGQR pc2
Q9UP79



11:130281488:G:A_G
 $p = 0.087$, $\beta = -0.176$, $N = 299$

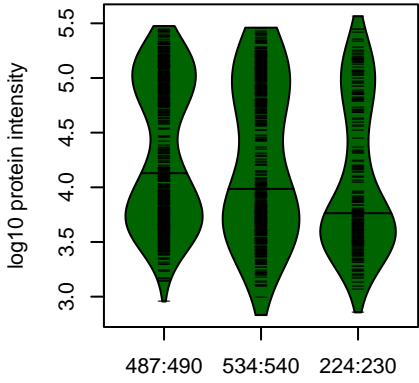
LAPDDSFLAPEFK pc2
rs7927048 REF



11:130281488:G:A_G
 $p = NA$, $\text{model} = NA$, $N = 2$

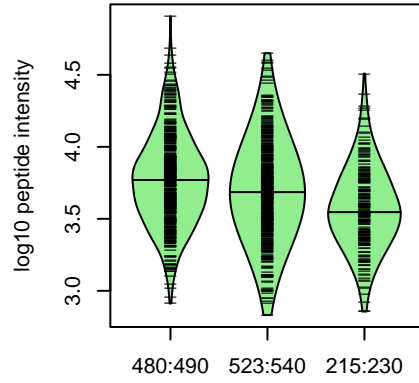
Assay Target: ADAMTS8
Olink UniProt: Q9UP79
UKB rsID: rs2131535
Proxy rsID: rs2131535
UKB SNP: 11:130281488:G:A
Proxy SNP: 11:130281488:G:A
UKB log10(p): 1117.7
UKB BETA: 0.494
-.*.*-.*
1079:953:462:299:270

**MMP1 : NP1
P03956**



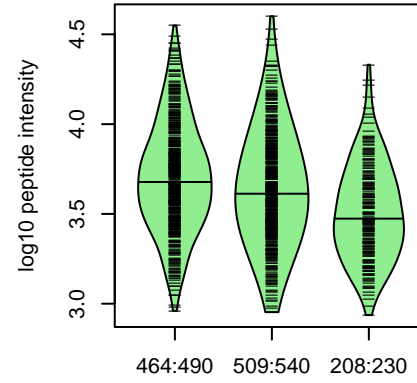
11:102697731:G:A_A
p = 0.00033, beta = -0.139, N = 1245

**SQNPVQPIGPQTPK pc2
P03956**



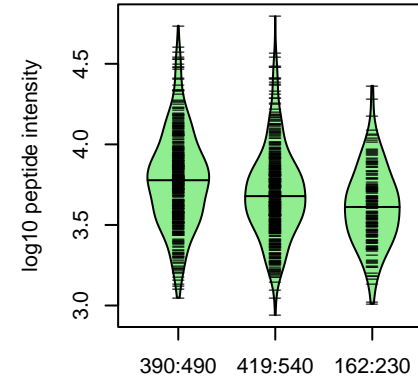
11:102697731:G:A_A
p = 1.2e-11, beta = -0.265, N = 1218

**LTFDAITIR pc2
P03956**



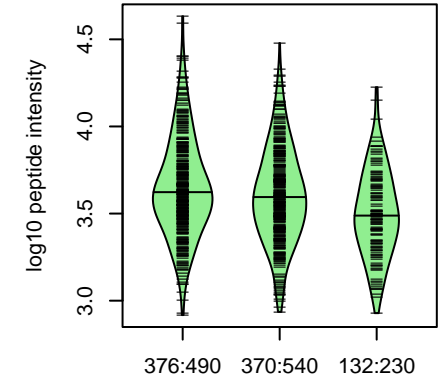
11:102697731:G:A_A
p = 2.1e-12, beta = -0.279, N = 1181

**TYFFVANK pc2
P03956**



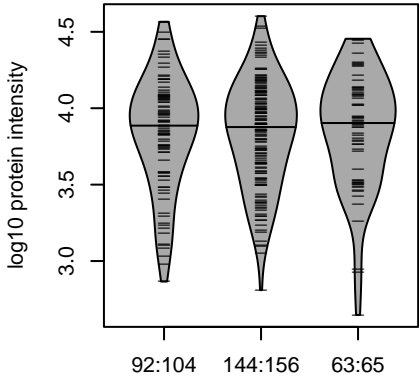
11:102697731:G:A_A
p = 5.1e-11, beta = -0.29, N = 971

**MIAHDFPGIGHK pc3
P03956**



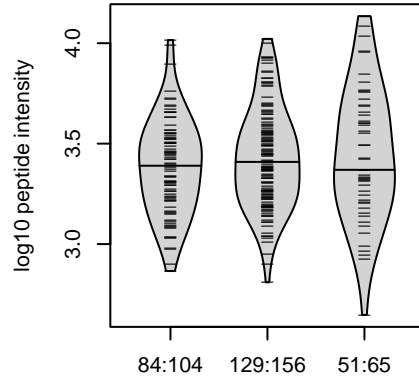
11:102697731:G:A_A
p = 3.7e-07, beta = -0.239, N = 878

**MMP1 : NP1
P03956**



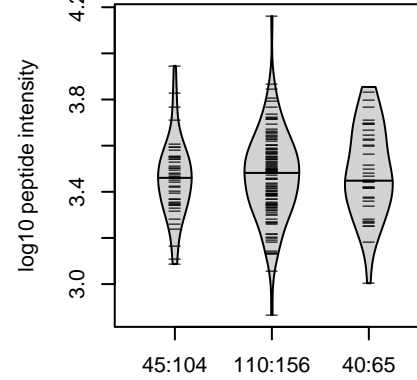
11:102697731:G:A_G
p = 0.93, beta = -0.00688, N = 299

**SQNPVQPIGPQTPK pc2
P03956**



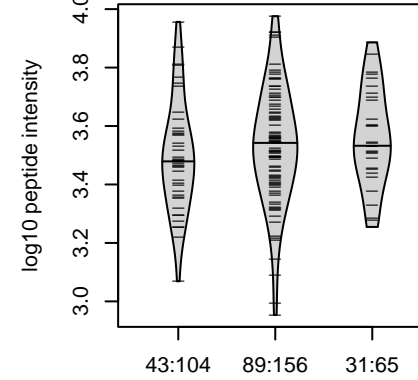
11:102697731:G:A_G
p = 0.27, beta = 0.0947, N = 264

**AFQLWSNVTLTFTK pc2
P03956**



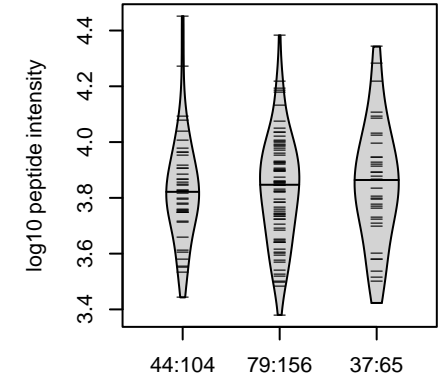
11:102697731:G:A_G
p = 0.53, beta = 0.0668, N = 195

**LTFDAITIR pc2
P03956**



11:102697731:G:A_G
p = 0.15, beta = 0.166, N = 163

**TYFFVANK pc2
P03956**

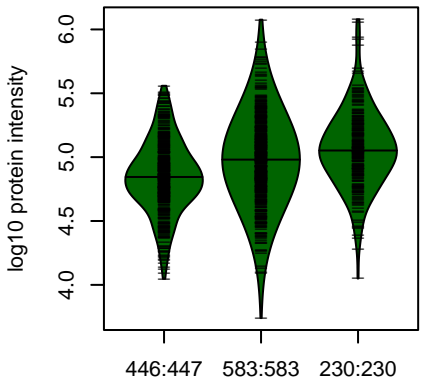


11:102697731:G:A_G
p = 0.53, beta = 0.0687, N = 160

Assay Target: MMP1
Olink UniProt: P03956
UKB rsID: rs471994
Proxy rsID: rs471994
UKB SNP: 11:102697731:G:A
Proxy SNP: 11:102697731:G:A
UKB log10(p): 1097.3
UKB BETA: -0.457

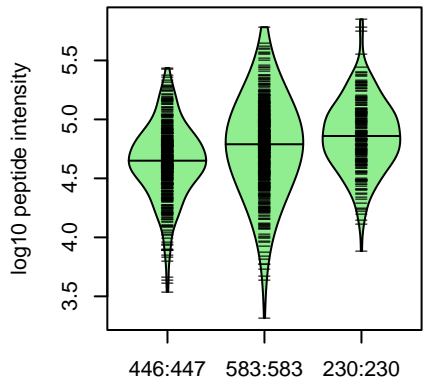
1218:1181:971:878:685:652:639

**BPIFB1 : NP4
Q8TDL5**



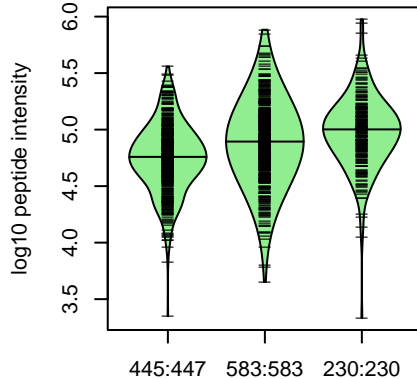
20:31693553:T:C_T
p = 7.4e-18, beta = 0.334, N = 1259

**QVMNLLVPSLPNLVK pc2
Q8TDL5**



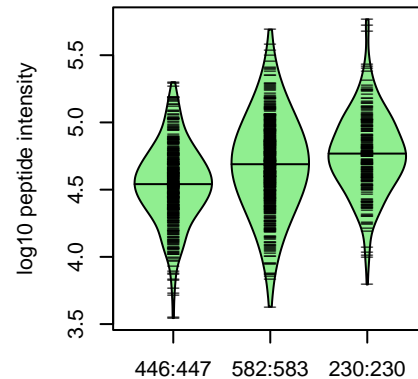
20:31693553:T:C_T
p = 6e-15, beta = 0.304, N = 1259

**ALGFEEAESSLTK pc2
Q8TDL5**



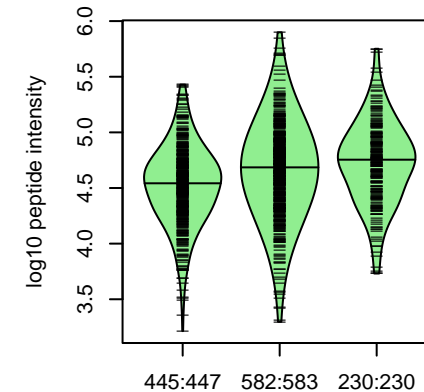
20:31693553:T:C_T
p = 4.8e-18, beta = 0.336, N = 1258

**ILTQDTPEFFIDQGHAK pc3
Q8TDL5**



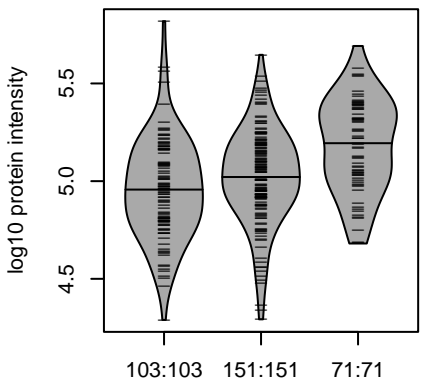
20:31693553:T:C_T
p = 2.5e-19, beta = 0.349, N = 1258

**DALVLTPASLWK pc2
Q8TDL5**



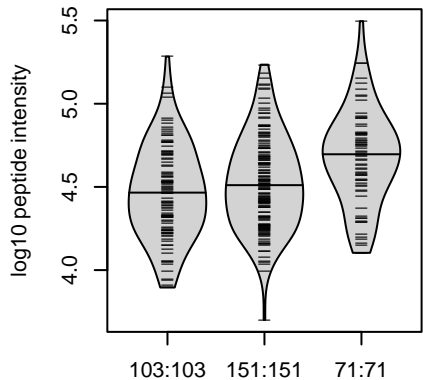
20:31693553:T:C_T
p = 4.4e-12, beta = 0.27, N = 1257

**BPIFB1 : NP4
Q8TDL5**



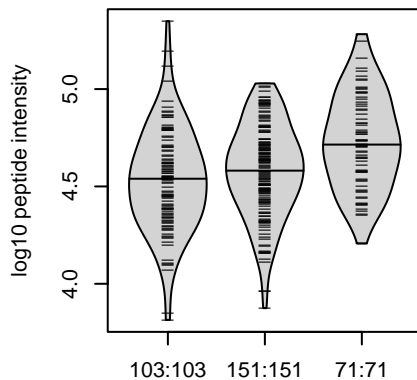
20:31693553:T:C_T
p = 1e-06, beta = 0.363, N = 325

**DALVLTPASLWK pc2
Q8TDL5**



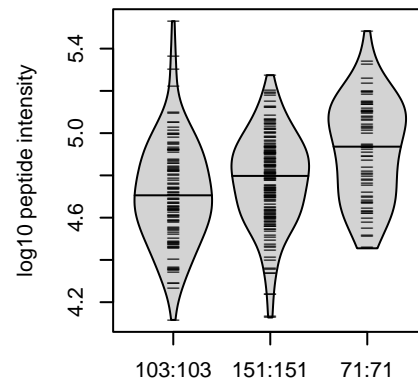
20:31693553:T:C_T
p = 2.4e-05, beta = 0.315, N = 325

**EKPAGGIPVLGSLVNTVLK pc3
Q8TDL5**



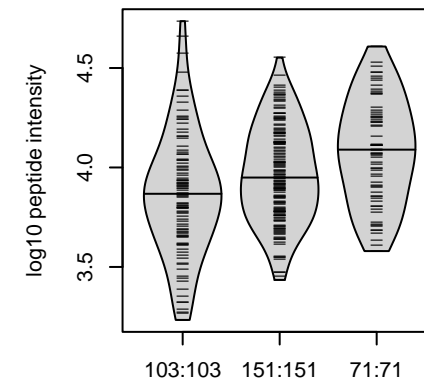
20:31693553:T:C_T
p = 2.8e-05, beta = 0.312, N = 325

**ILTQDTPEFFIDQGHAK pc3
Q8TDL5**



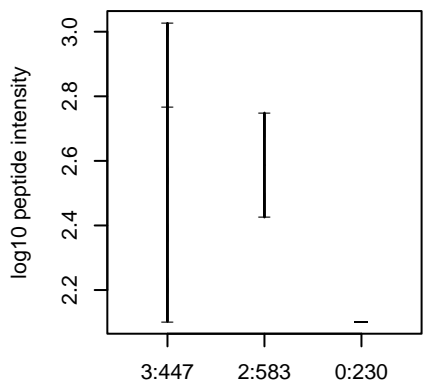
20:31693553:T:C_T
p = 2.1e-06, beta = 0.353, N = 325

**LSFLVNALAK pc2
Q8TDL5**



20:31693553:T:C_T
p = 1.1e-05, beta = 0.327, N = 325

**PAGGIPVLGSLVNTVLKHHIWLK pc4
rs1078761 REF**

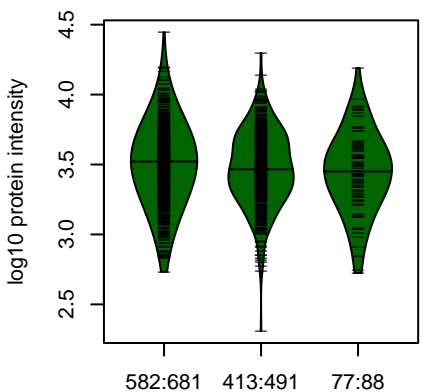


20:31693553:T:C_T
p = NA, model = NA, N = 5

Assay Target: BPIFB1
Olink UniProt: Q8TDL5
UKB rsID: rs2424957
Proxy rsID: rs2424957
UKB SNP: 20:31693553:T:C
Proxy SNP: 20:31693553:T:C
UKB log10(p): 1058.1
UKB BETA: -0.418

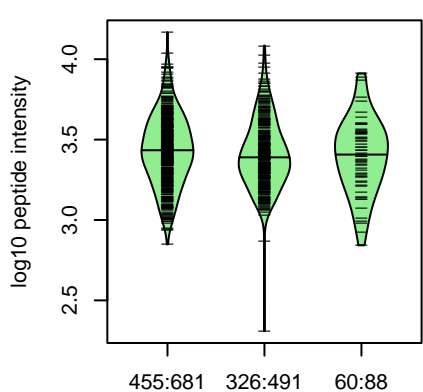
1259:1258:1258:1257:1257:125

**NOMO1 : NP1
Q15155**



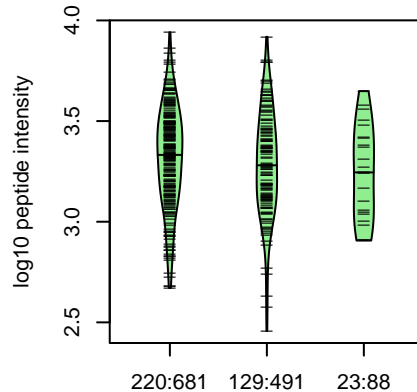
16:16294465:T:C_T
p = 0.11, beta = -0.0785, N = 1072

**GQPLGPAGVQVSLR pc2
A0A7I2V4T6;A0A7I2V686;A0A7I2V6B0;J3KNA0A7I2V4T6;A0A7I2V686;A0A7I2V6B0;J3KN36;P6I2V4T6;A0A7I2V6B0;J3KN36;P69849;**



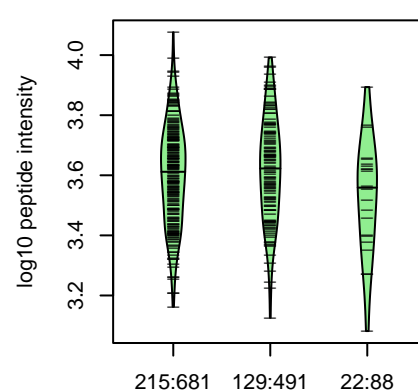
16:16294465:T:C_T
p = 0.28, beta = -0.0586, N = 841

FLLFSSLVTK pc2



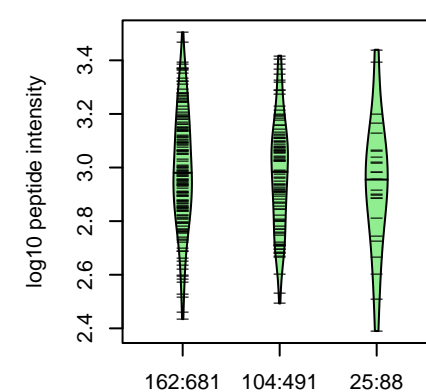
16:16294465:T:C_T
p = 0.13, beta = -0.128, N = 372

VQVMVPEAETR pc2



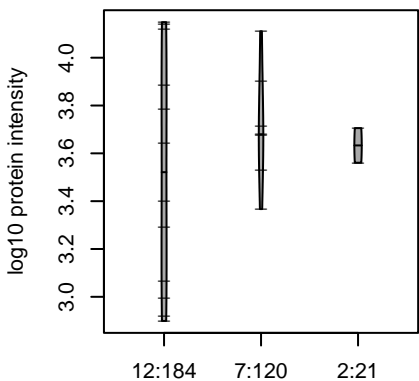
16:16294465:T:C_T
p = 0.66, beta = -0.0369, N = 366

SQYDYILPQVSFTAVGYHK pc3



16:16294465:T:C_T
p = 0.61, beta = -0.0452, N = 291

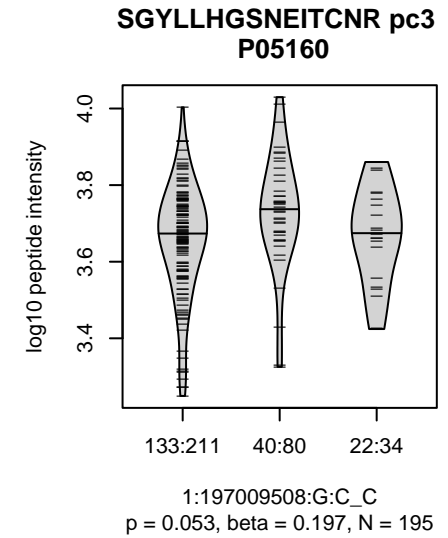
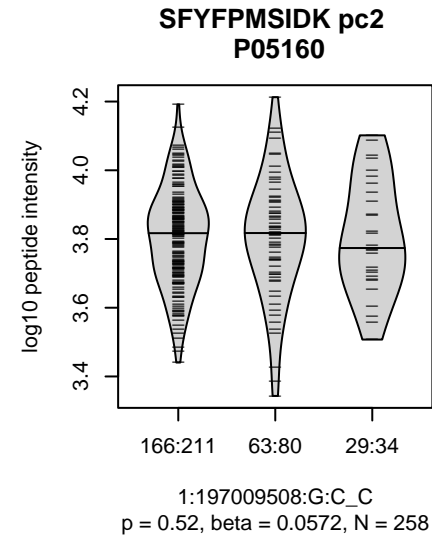
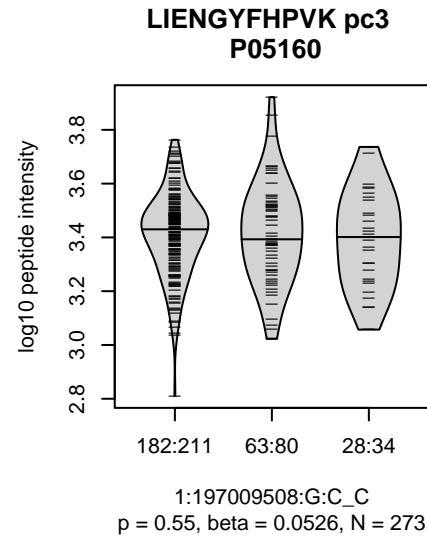
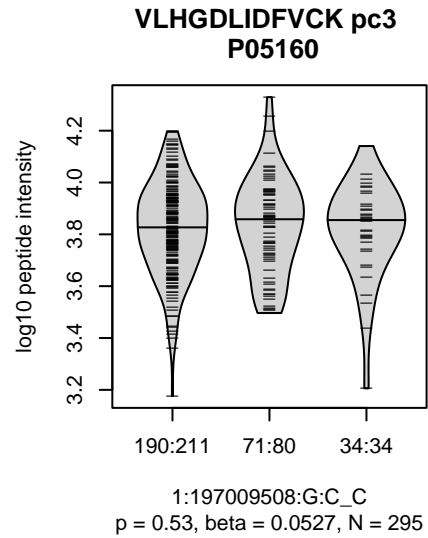
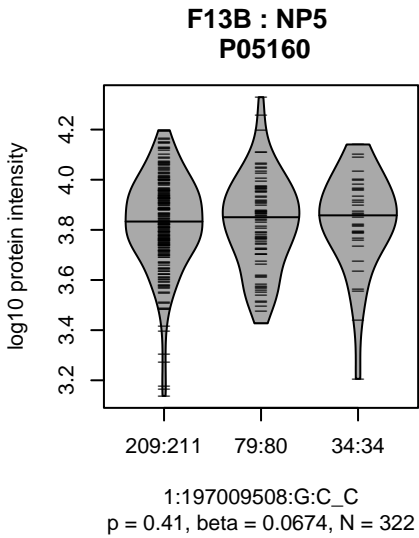
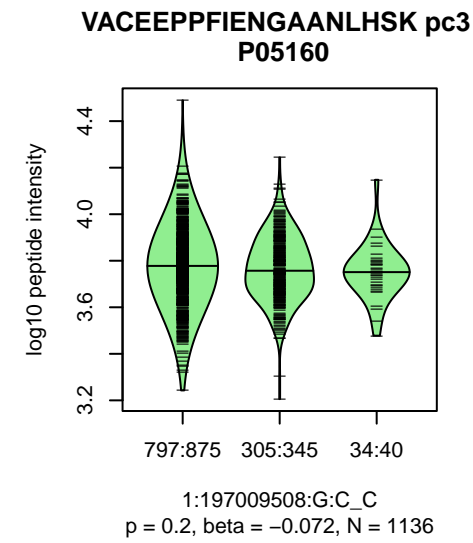
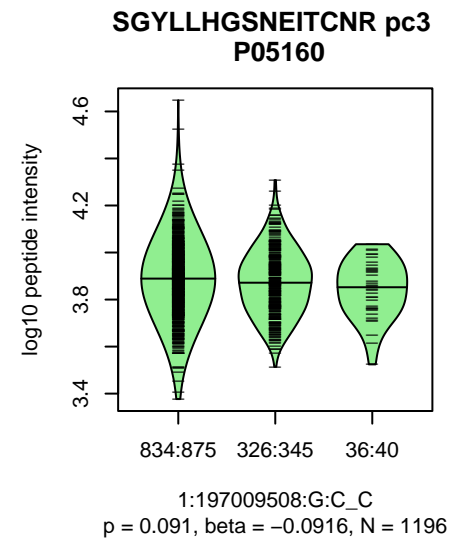
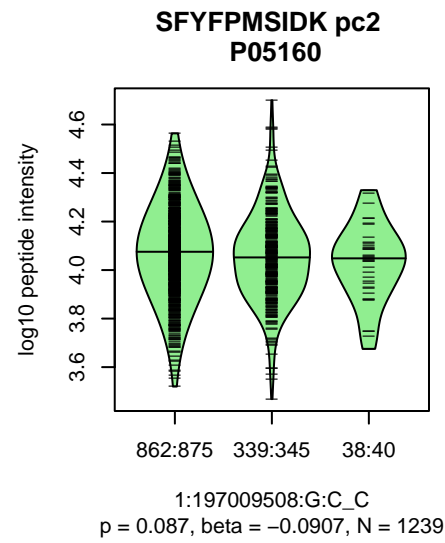
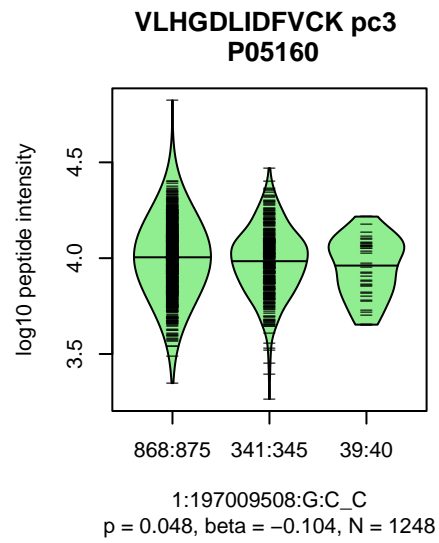
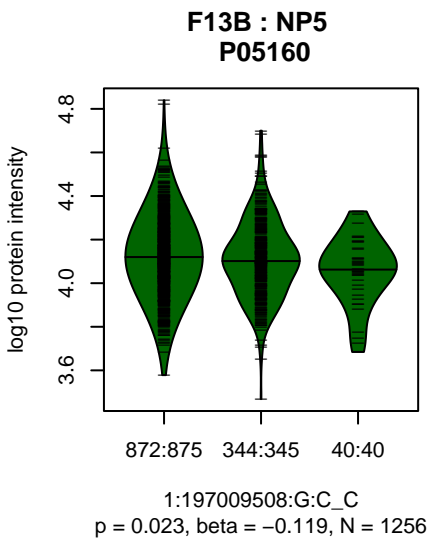
**NOMO1 : NP1
Q15155**



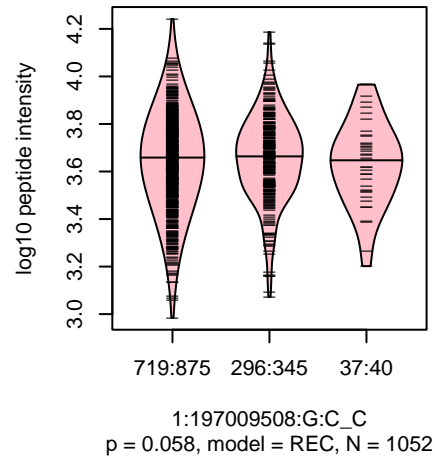
16:16294465:T:C_T
p = 0.87, beta = 0.049, N = 21

Assay Target: NOMO1
Olink UniProt: Q15155
UKB rsID: rs3891245
Proxy rsID: rs7184653
UKB SNP: 16:16348287:T:G
Proxy SNP: 16:16294465:T:C
UKB log10(p): 1051.8
UKB BETA: -0.503

841:372:366:291:252:244:216:1

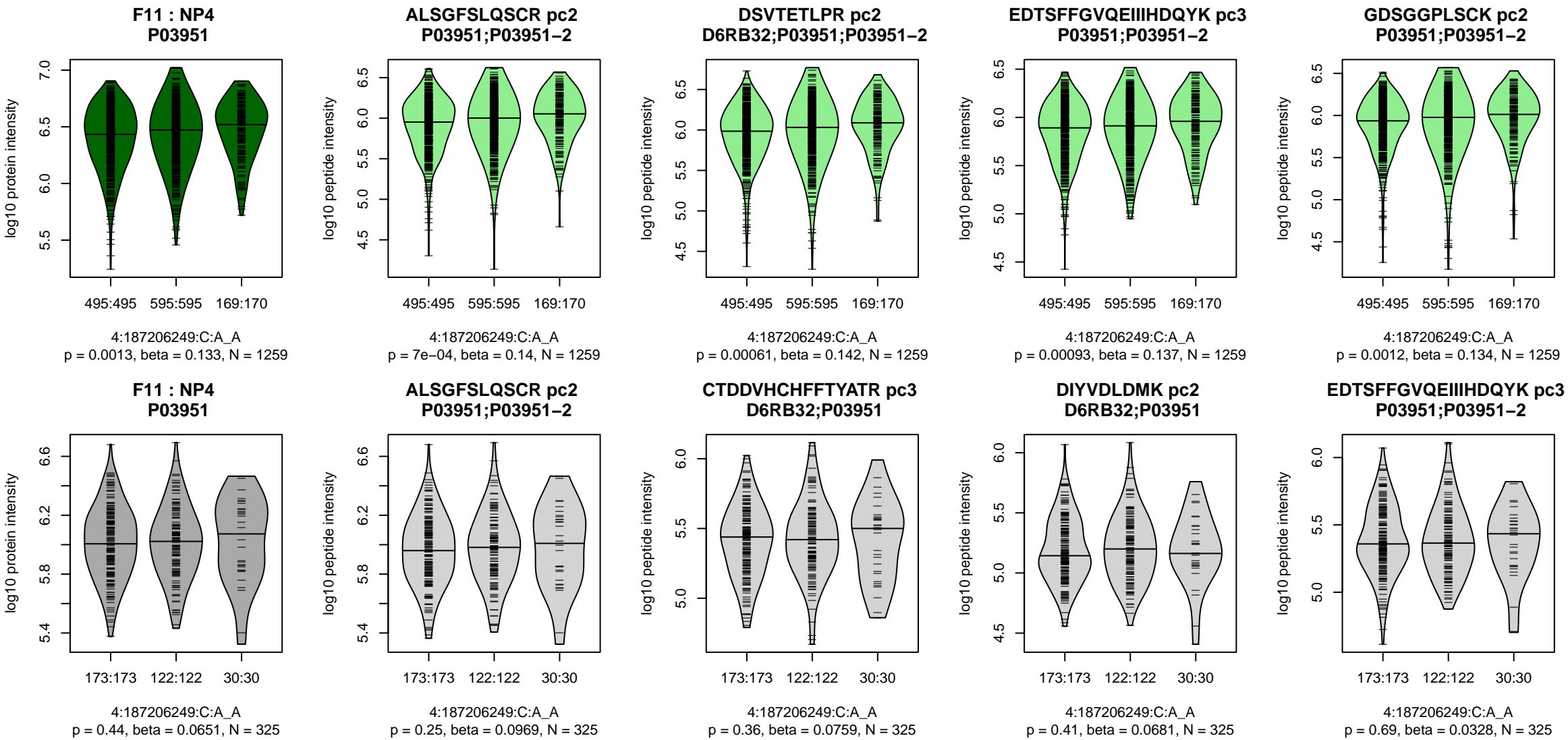


IQENMHYGCASGYK pc3
rs6003 ALT



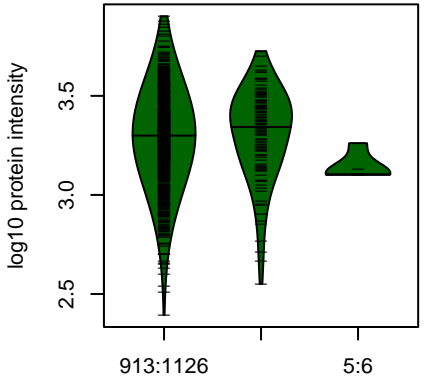
Assay Target: F13B
Olink UniProt: P05160
UKB rsID: rs12134960
Proxy rsID: rs12134960
UKB SNP: 1:197009508:G:C
Proxy SNP: 1:197009508:G:C
UKB log₁₀(p): 971.6
UKB BETA: -0.545
-----*

1248:1239:1196:1136:1086:106



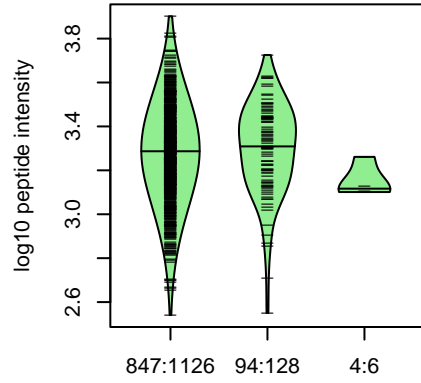
Assay Target: F11
 Olink UniProt: P03951
 UKB rsID: rs3756011
 Proxy rsID: rs3756011
 UKB SNP: 4:187206249:C:A
 Proxy SNP: 4:187206249:C:A
 UKB log₁₀(p): 971.5
 UKB BETA: 0.385
 *****_**_*_*_*_*_*
 1259:1259:1259:1259:1259:125

STAB2 : NP4
Q8WWQ8



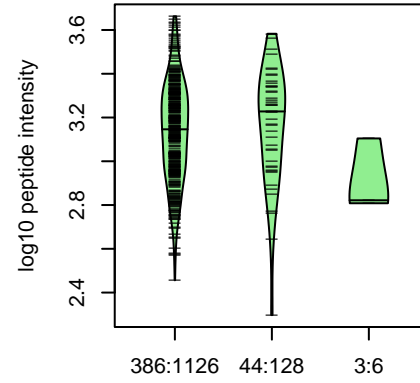
12:104034048:A:G_G
 $\rho = 0.99$, $\beta = 0.000934$, $N = 1020$

LGPFTVLLPTDK pc2
Q8WWQ8



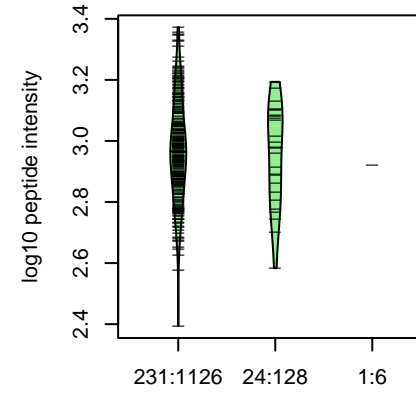
12:104034048:A:G_G
 $\rho = 0.68$, $\beta = 0.0414$, $N = 945$

IIQGDIASNGLLHILDR pc3
Q8WWQ8



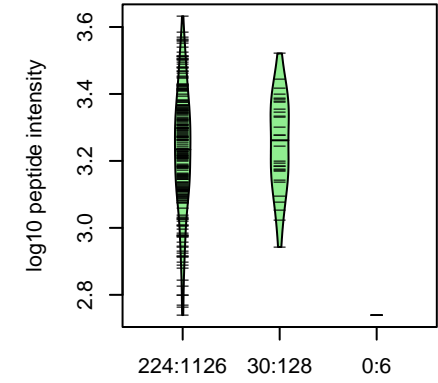
12:104034048:A:G_G
 $\rho = 0.83$, $\beta = -0.0307$, $N = 433$

SFWLSQSNI PALIK pc2
Q8WWQ8



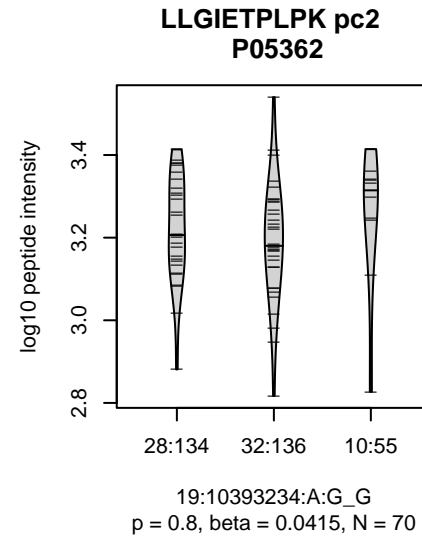
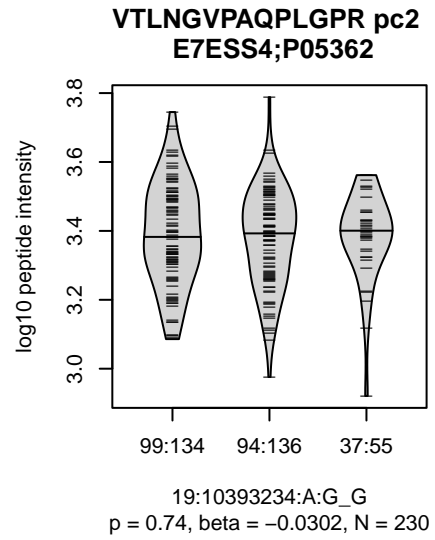
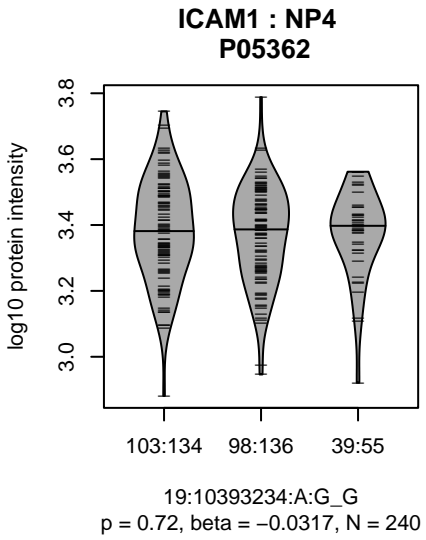
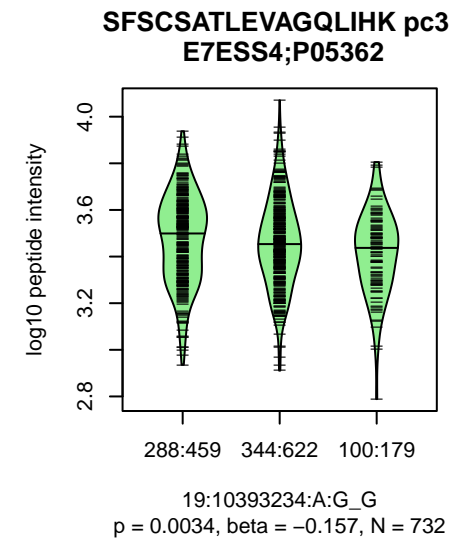
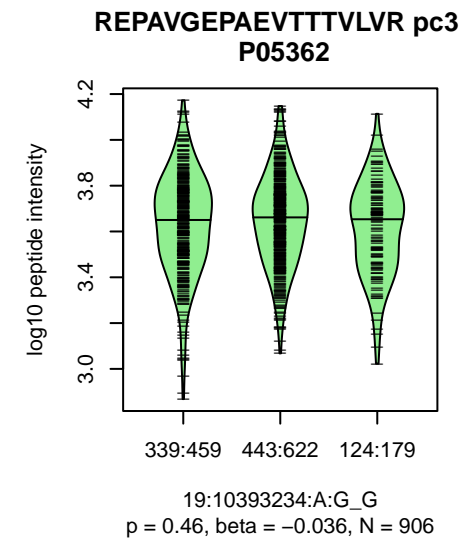
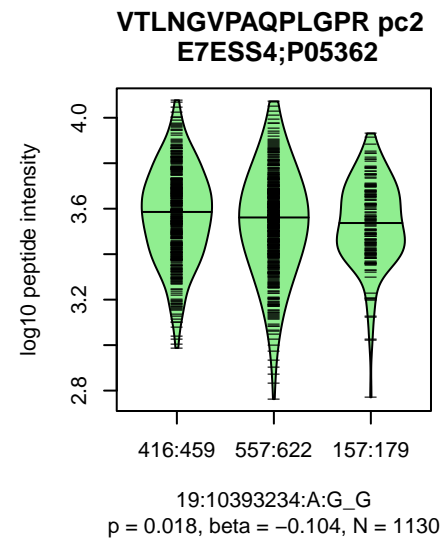
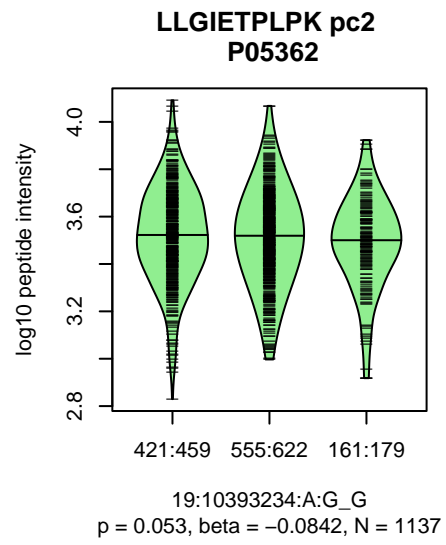
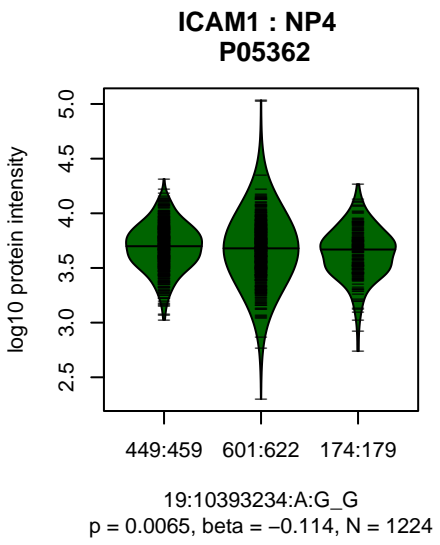
12:104034048:A:G_G
 $\rho = 0.34$, $\beta = -0.186$, $N = 256$

GFNVNELLVDNK pc2
Q8WWQ8

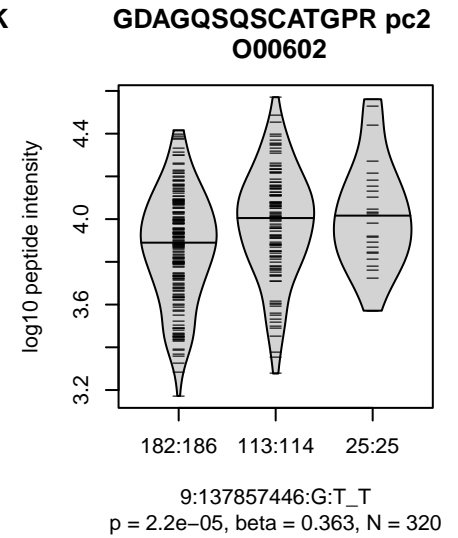
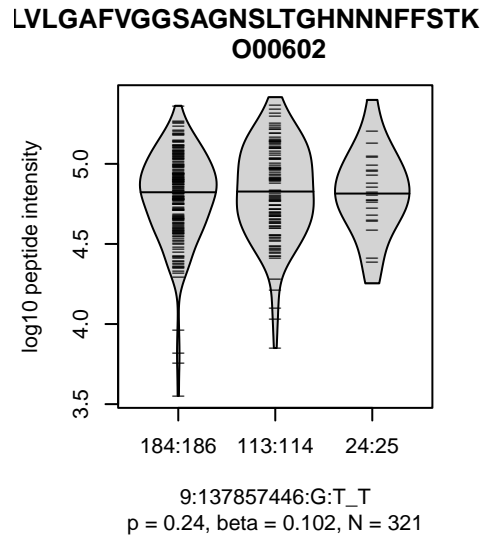
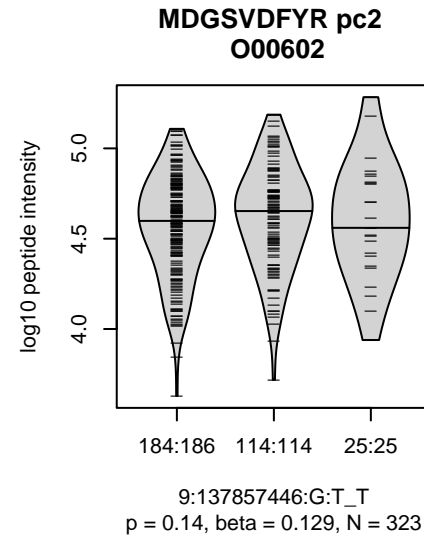
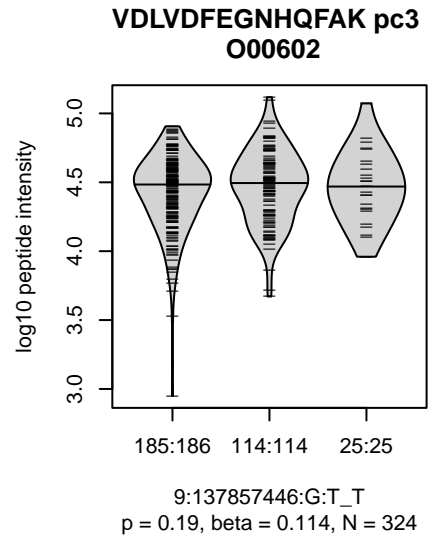
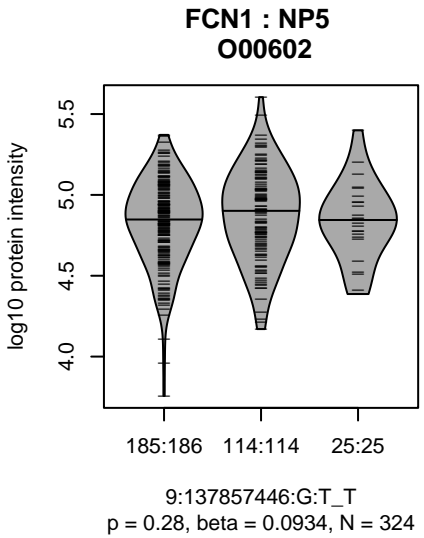
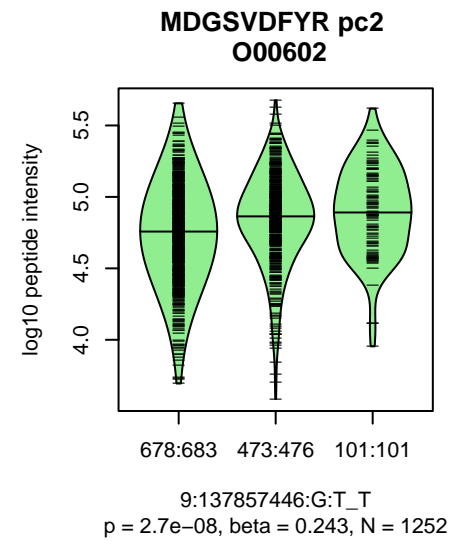
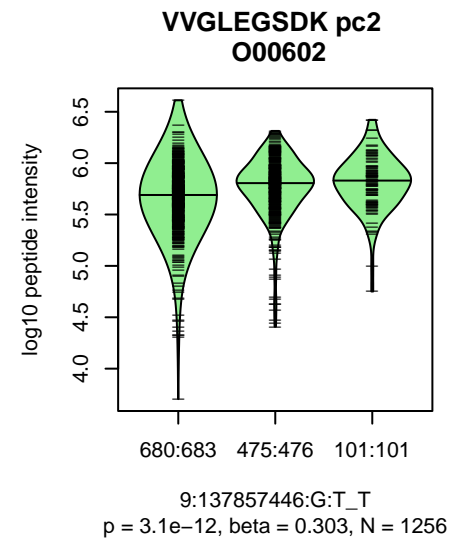
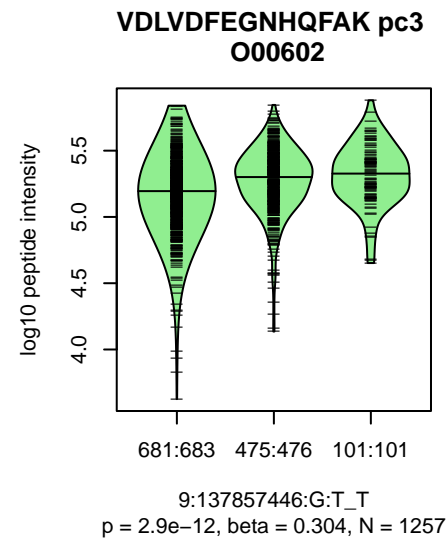
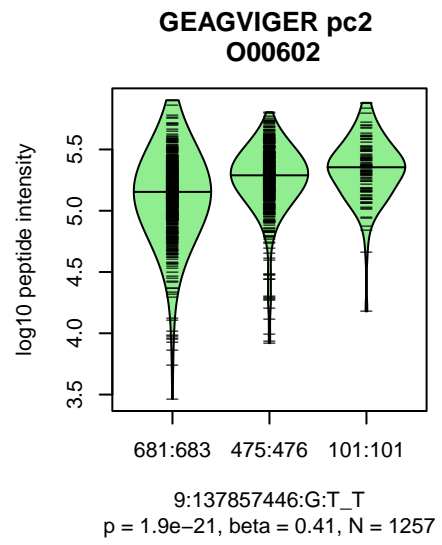
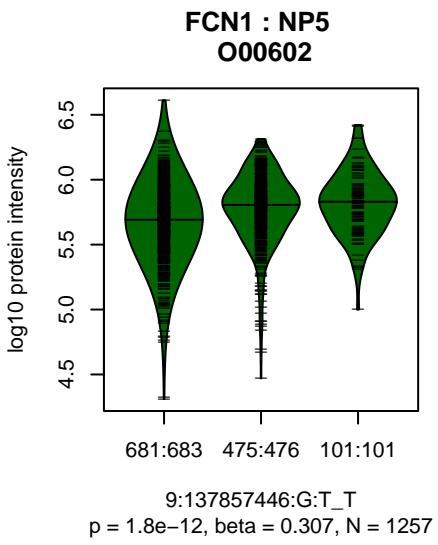


12:104034048:A:G_G
 $\rho = 0.58$, $\beta = 0.106$, $N = 254$

Assay Target: STAB2
Olink UniProt: Q8WWQ8
UKB rsID: rs115840458
Proxy rsID: rs115840458
UKB SNP: 12:104034048:A:G
Proxy SNP: 12:104034048:A:G
UKB log10(p): 952.3
UKB BETA: 0.786
- - - - -
945:433:256:254:226:219:145:7

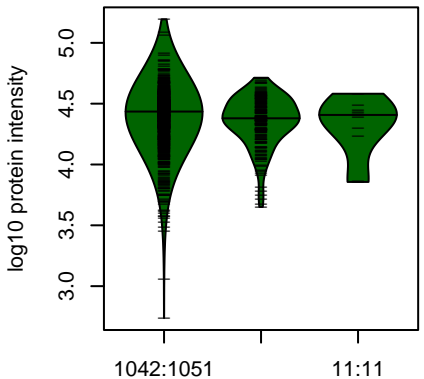


Assay Target: ICAM1
 Olink UniProt: P05362
 UKB rsID: rs5030379
 Proxy rsID: rs5030377
 UKB SNP: 19:10393605:C:CTT
 Proxy SNP: 19:10393234:A:G
 UKB log10(p): 945.1
 UKB BETA: 0.413
 ---*---
 1137:1130:906:732:664:564



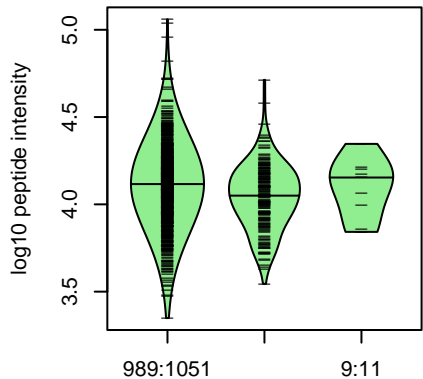
Assay Target: FCN1
 Olink UniProt: O00602
 UKB rsID: rs11103604
 Proxy rsID: rs11103604
 UKB SNP: 9:137857446:G:T
 Proxy SNP: 9:137857446:G:T
 UKB log10(p): 904.4
 UKB BETA: 0.438
:NA:NA
 1257:1257:1256:1253:1252:124

**KLK7 : NP3
P49862**



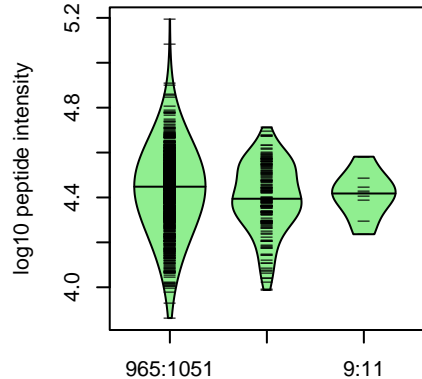
19:51485622:A:G_A
p = 0.0057, beta = -0.193, N = 1250

**LISPQDCTK pc2
P49862-2;P49862**



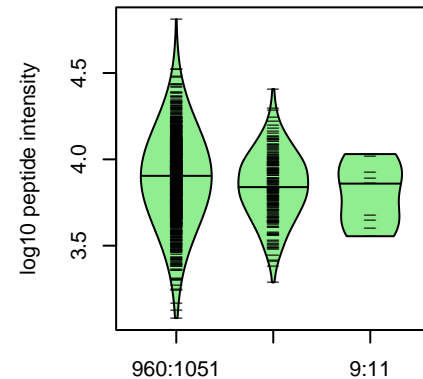
19:51485622:A:G_A
p = 0.00015, beta = -0.278, N = 1179

**IIDGAPCAR pc2
P49862**



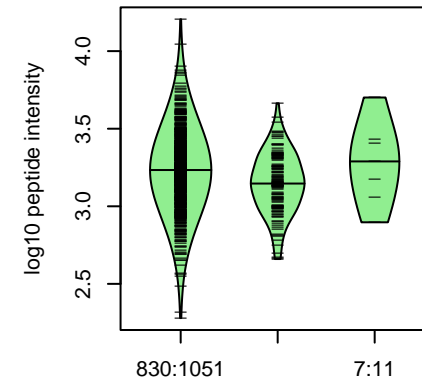
19:51485622:A:G_A
p = 0.016, beta = -0.179, N = 1151

**GSHPWQVALLSGNQLHCGGVLVNER
P49862**



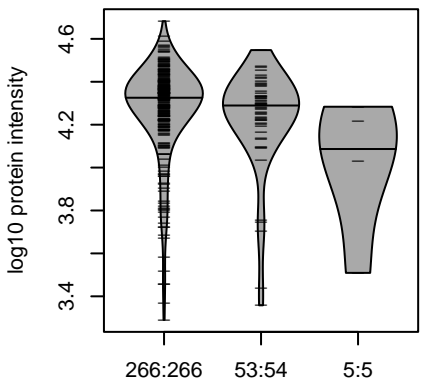
19:51485622:A:G_A
p = 0.0024, beta = -0.225, N = 1147

**NACNGDSGGPLVCR pc2
P49862-2;P49862**



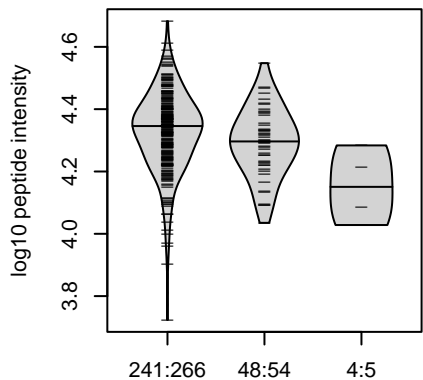
19:51485622:A:G_A
p = 0.00023, beta = -0.307, N = 974

**KLK7 : NP3
P49862**



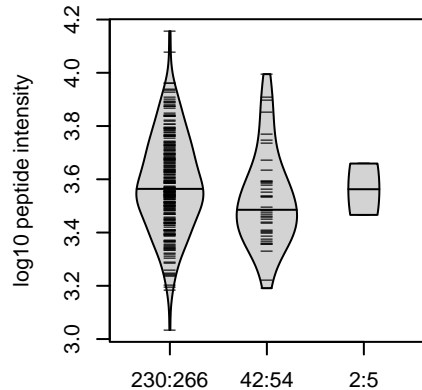
19:51485622:A:G_A
p = 0.0027, beta = -0.378, N = 324

**IIDGAPCAR pc2
P49862**



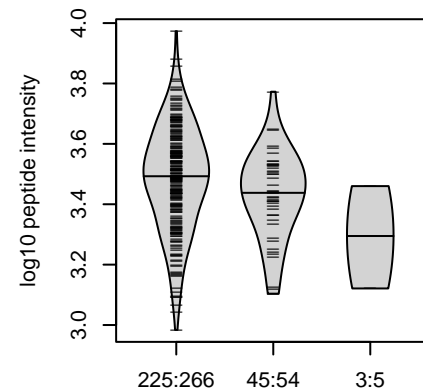
19:51485622:A:G_A
p = 0.0034, beta = -0.393, N = 293

**WVLTAHCK pc2
P49862**



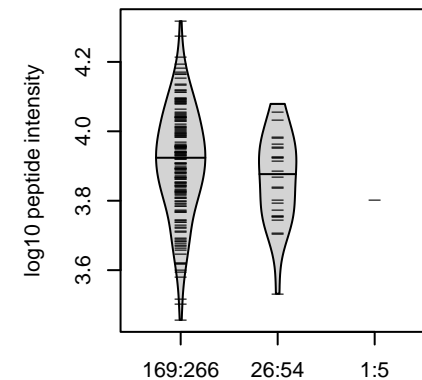
19:51485622:A:G_A
p = 0.0078, beta = -0.402, N = 274

**HPGYSTQTHVNDLMLVK pc3
P49862-2;P49862**



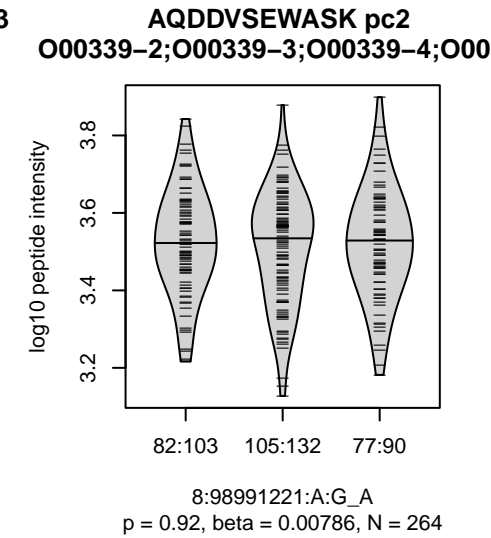
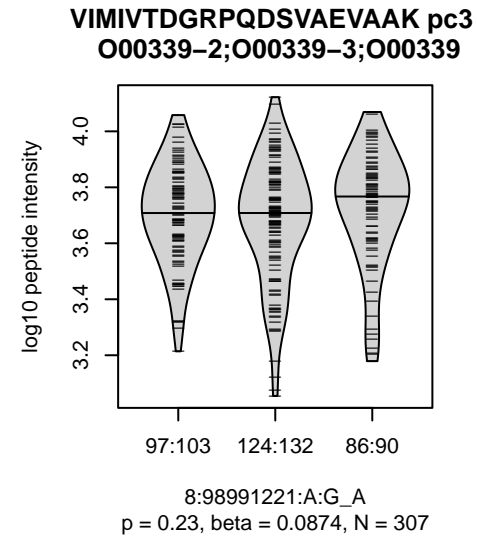
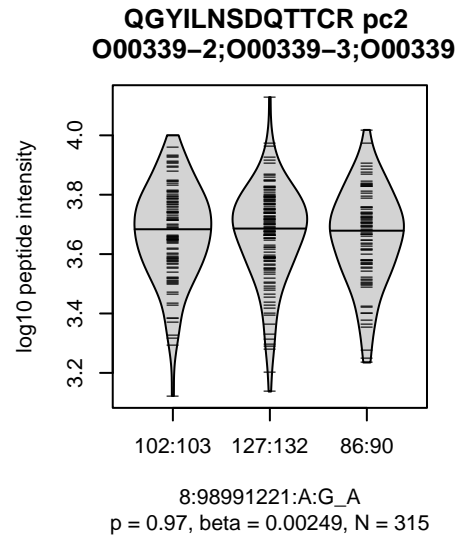
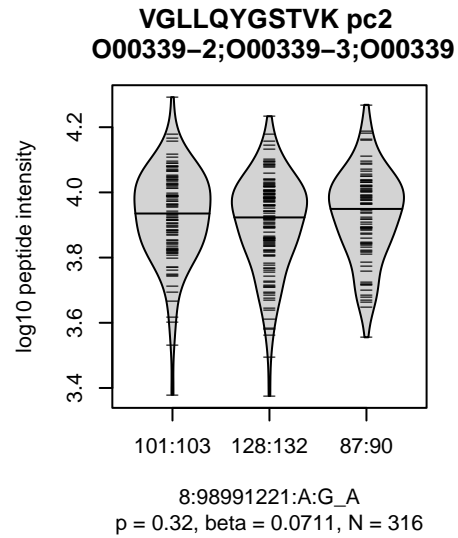
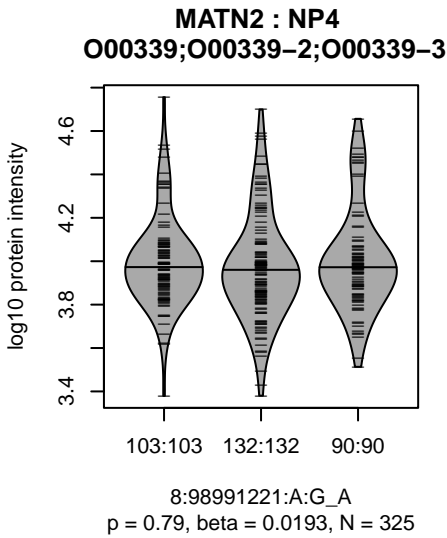
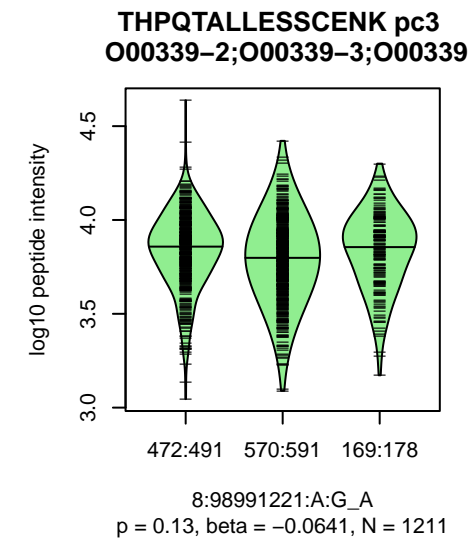
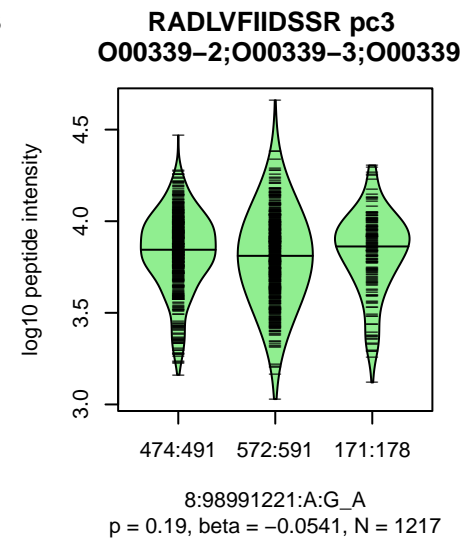
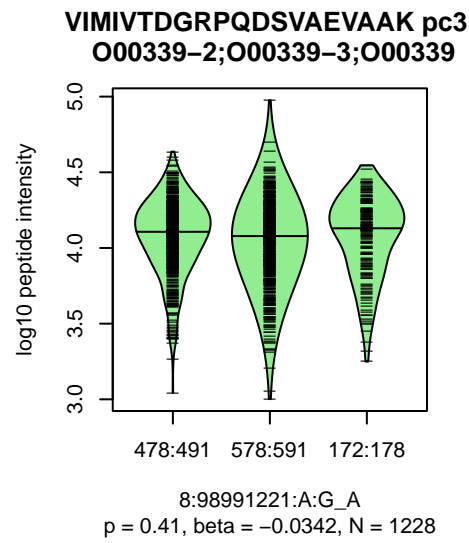
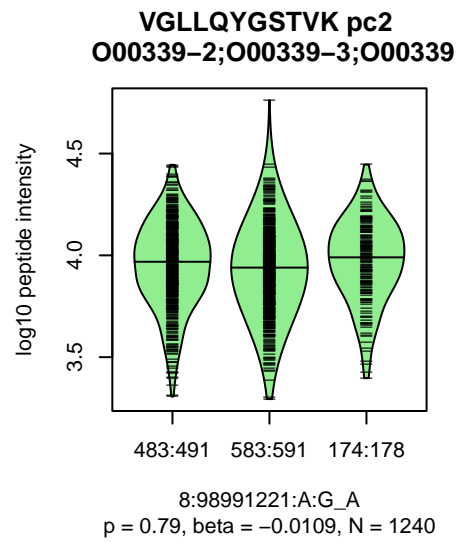
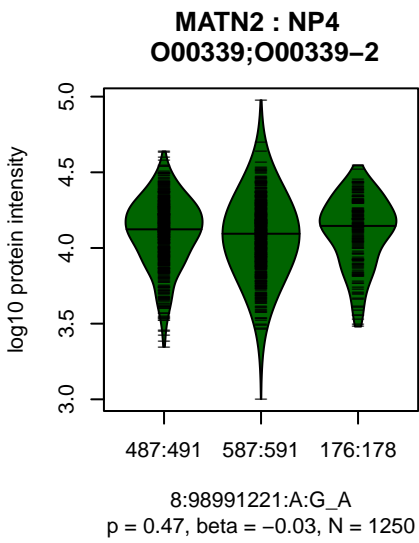
19:51485622:A:G_A
p = 0.0034, beta = -0.416, N = 273

**LISPQDCTK pc2
P49862-2;P49862**



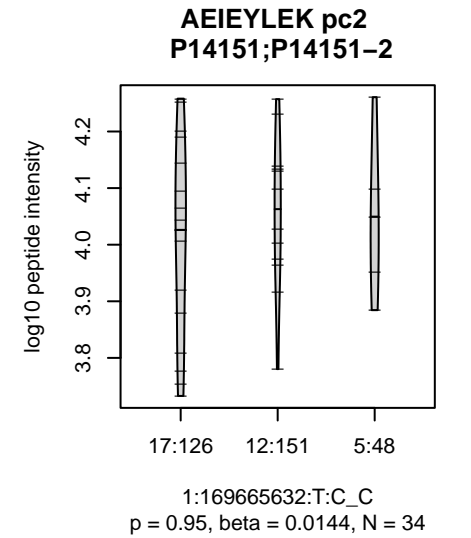
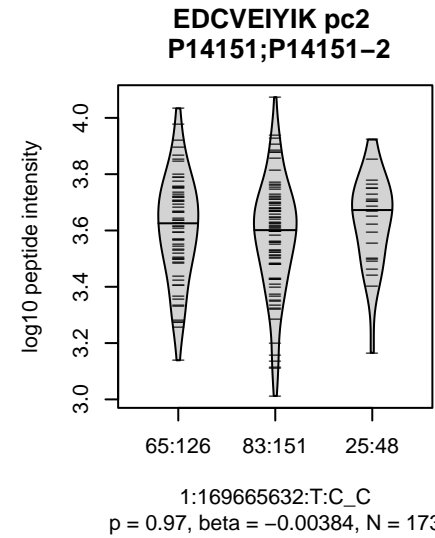
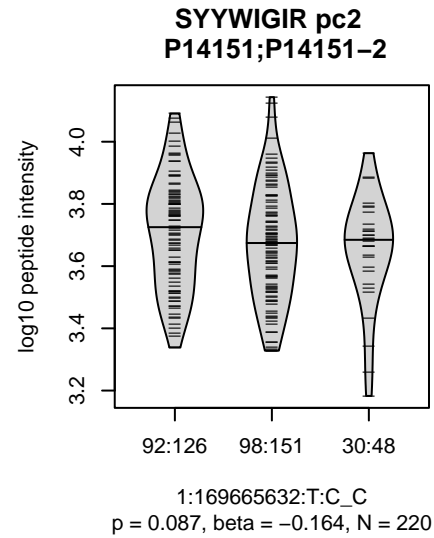
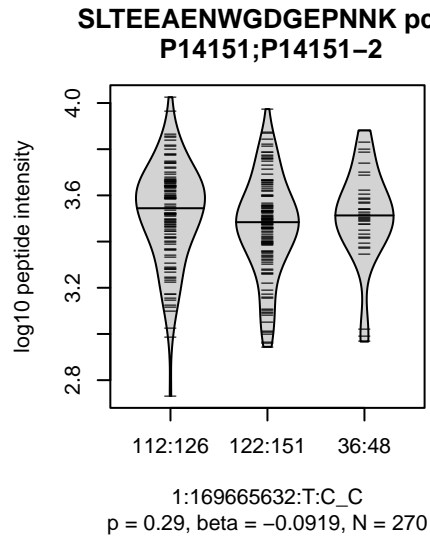
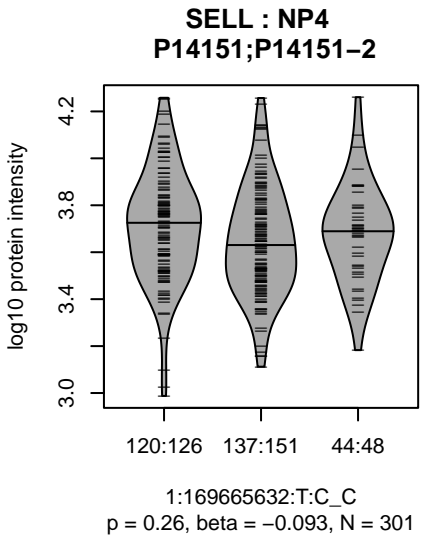
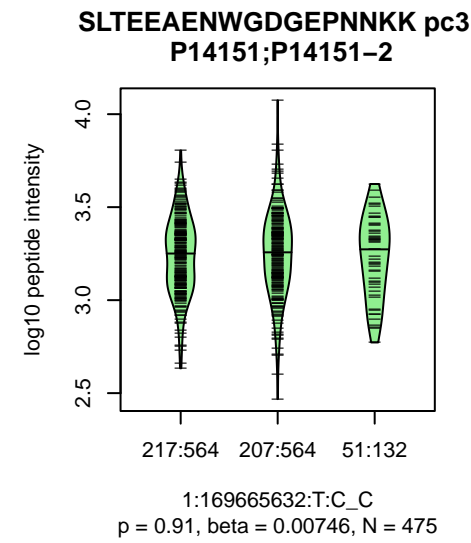
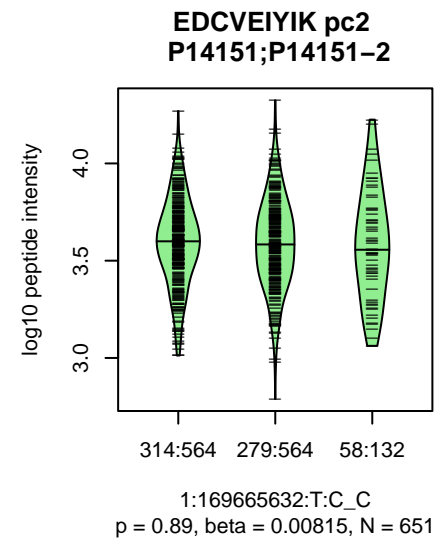
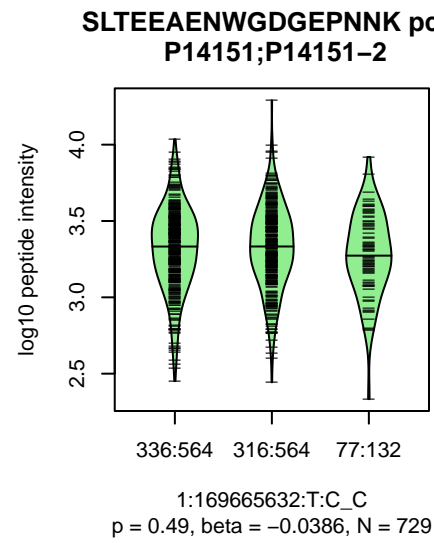
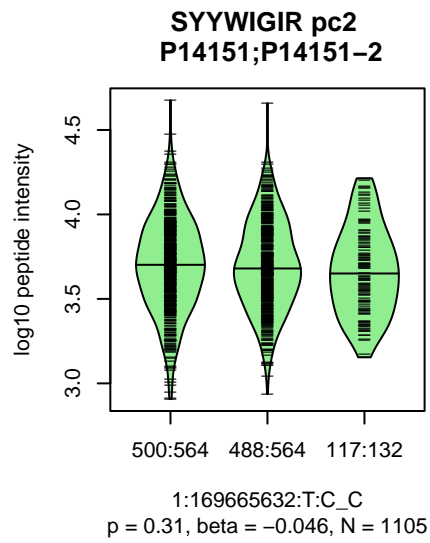
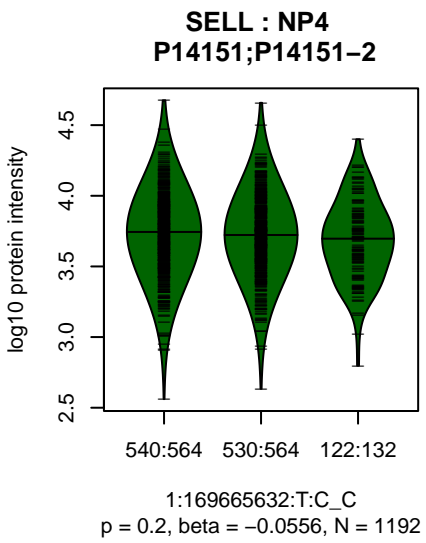
19:51485622:A:G_A
p = 0.02, beta = -0.446, N = 196

Assay Target: KLK7
Olink UniProt: P49862
UKB rsID: rs2659067
Proxy rsID: rs2659067
UKB SNP: 19:51485622:A:G
Proxy SNP: 19:51485622:A:G
UKB log10(p): 900.3
UKB BETA: 0.681
.-..*.*.*.-.-.-.-
1179:1151:1147:974:918:702:32



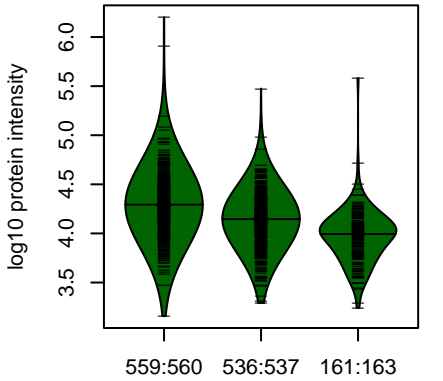
Assay Target: MATN2
 Olink UniProt: O00339
 UKB rsID: rs1869609
 Proxy rsID: rs1869609
 UKB SNP: 8:98991221:A:G
 Proxy SNP: 8:98991221:A:G
 UKB log10(p): 898.5
 UKB BETA: 0.405

 1240:1228:1217:1211:1205:114



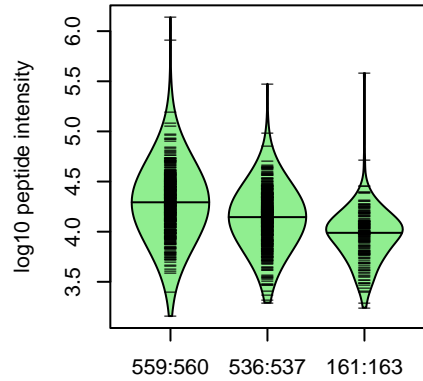
Assay Target: SELL
 Olink UniProt: P14151
 UKB rsID: rs2223286
 Proxy rsID: rs2223286
 UKB SNP: 1:169665632:T:C
 Proxy SNP: 1:169665632:T:C
 UKB log10(p): 888.4
 UKB BETA: -0.407
 -:-:-:-:-
 1105:729:651:475:449

**EBI3_IL27 : NP4
Q14213**



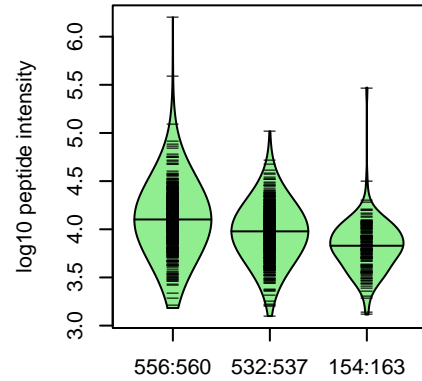
19:4247476:C:T_T
p = 7.6e-39, beta = -0.515, N = 1256

**VGPIEATSFILR pc2
Q14213**



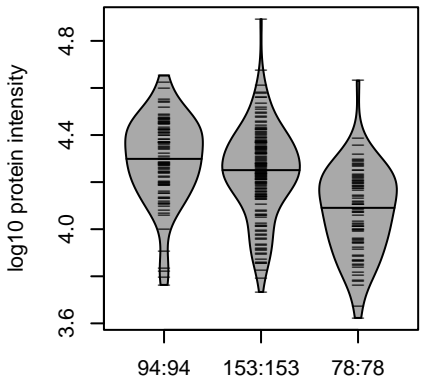
19:4247476:C:T_T
p = 5.3e-39, beta = -0.516, N = 1256

**GPPAALTLPK pc2
Q14213**



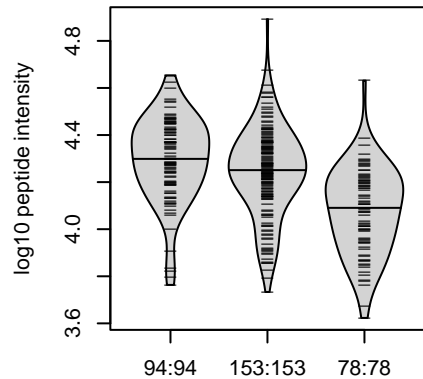
19:4247476:C:T_T
p = 1.7e-26, beta = -0.431, N = 1242

**EBI3_IL27 : NP4
Q14213**



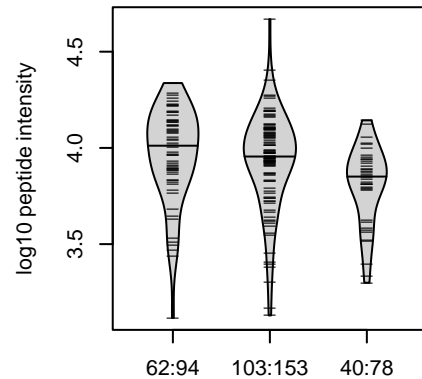
19:4247476:C:T_T
p = 7.6e-14, beta = -0.541, N = 325

**VGPIEATSFILR pc2
Q14213**



19:4247476:C:T_T
p = 8e-14, beta = -0.541, N = 325

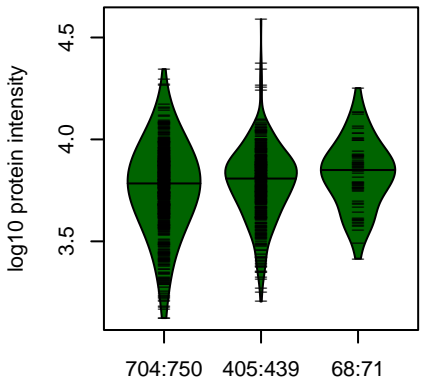
**GPPAALTLPK pc2
Q14213**



19:4247476:C:T_T
p = 0.00098, beta = -0.32, N = 205

Assay Target: EBI3_IL27
Olink UniProt: Q14213
UKB rsID: rs8109160
Proxy rsID: rs8109160
UKB SNP: 19:4247476:C:T
Proxy SNP: 19:4247476:C:T
UKB log10(p): 876.3
UKB BETA: -0.401
**
1256:1242

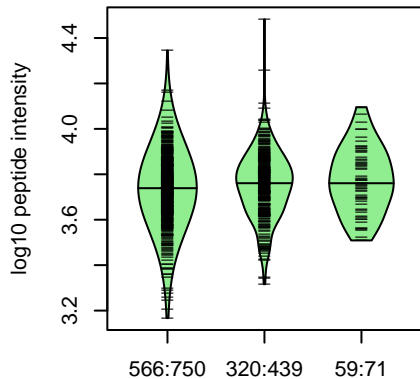
**CD55 : NP1
P08174-5**



1:207421214:G:A_A
p = 0.0016, beta = 0.152, N = 1177

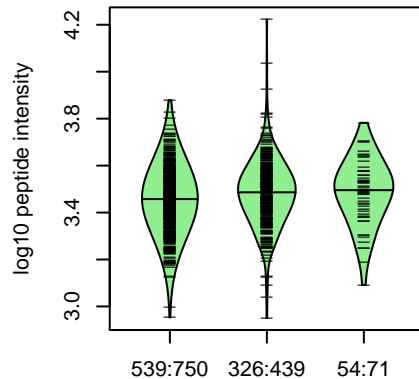
LTCLQLNK pc2

AP13;P08174;P08174-2;P08174-3;P0AP13;P08174;P08174-2;P08174-3;P03;B1AP15;P08174;P08174-2;P08174-AP13;P08174;P08174-2;P08174-3;P0



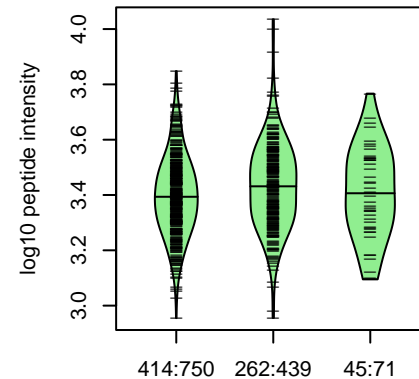
1:207421214:G:A_A
p = 0.022, beta = 0.121, N = 945

WSTAVEFCK pc2



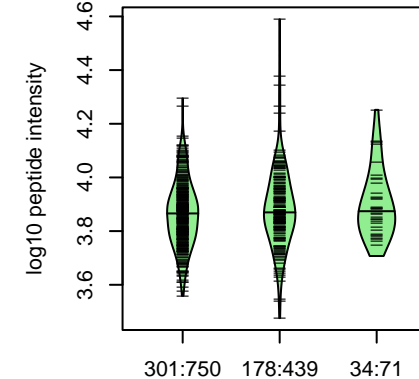
1:207421214:G:A_A
p = 0.0044, beta = 0.154, N = 919

QSVTYACNK pc2



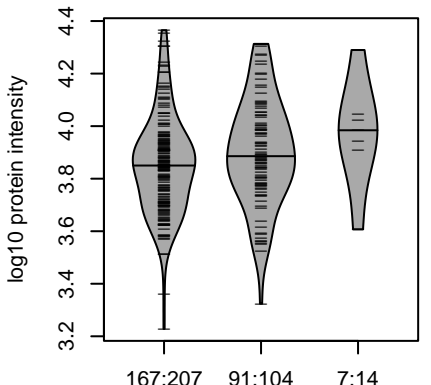
1:207421214:G:A_A
p = 0.02, beta = 0.141, N = 721

SCEVPTR pc2



1:207421214:G:A_A
p = 0.063, beta = 0.131, N = 513

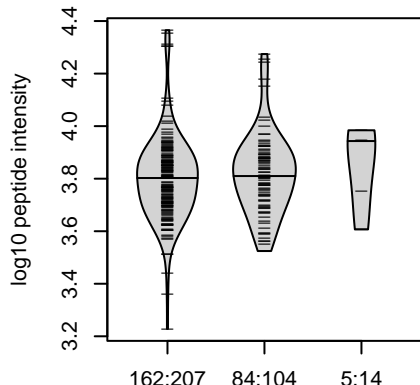
**CD55 : NP1
P08174-5**



1:207421214:G:A_A
p = 0.017, beta = 0.267, N = 265

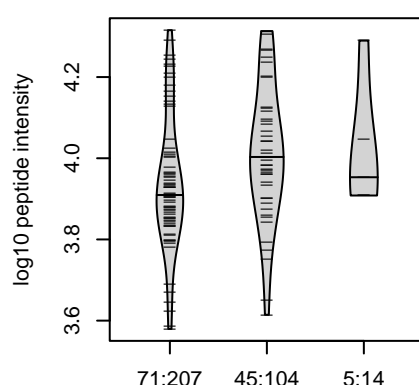
LTCLQLNK pc2

AP13;P08174;P08174-2;P08174-3;P0AP13;P08174;P08174-2;P08174-3;P0AP13;P08174;P08174-2;P08174-3;P03;B1AP15;P08174;P08174-2;P08174-



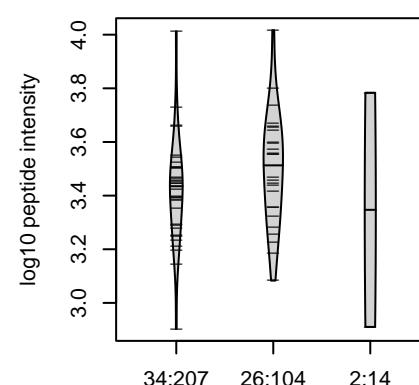
1:207421214:G:A_A
p = 0.21, beta = 0.149, N = 251

SCEVPTR pc2



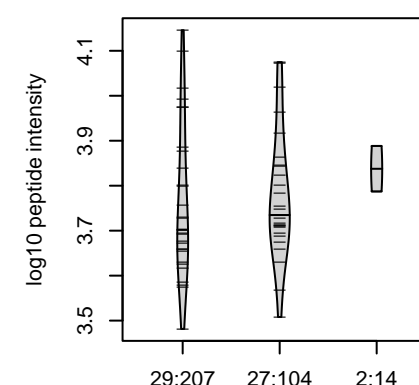
1:207421214:G:A_A
p = 0.0077, beta = 0.405, N = 121

WSTAVEFCK pc2



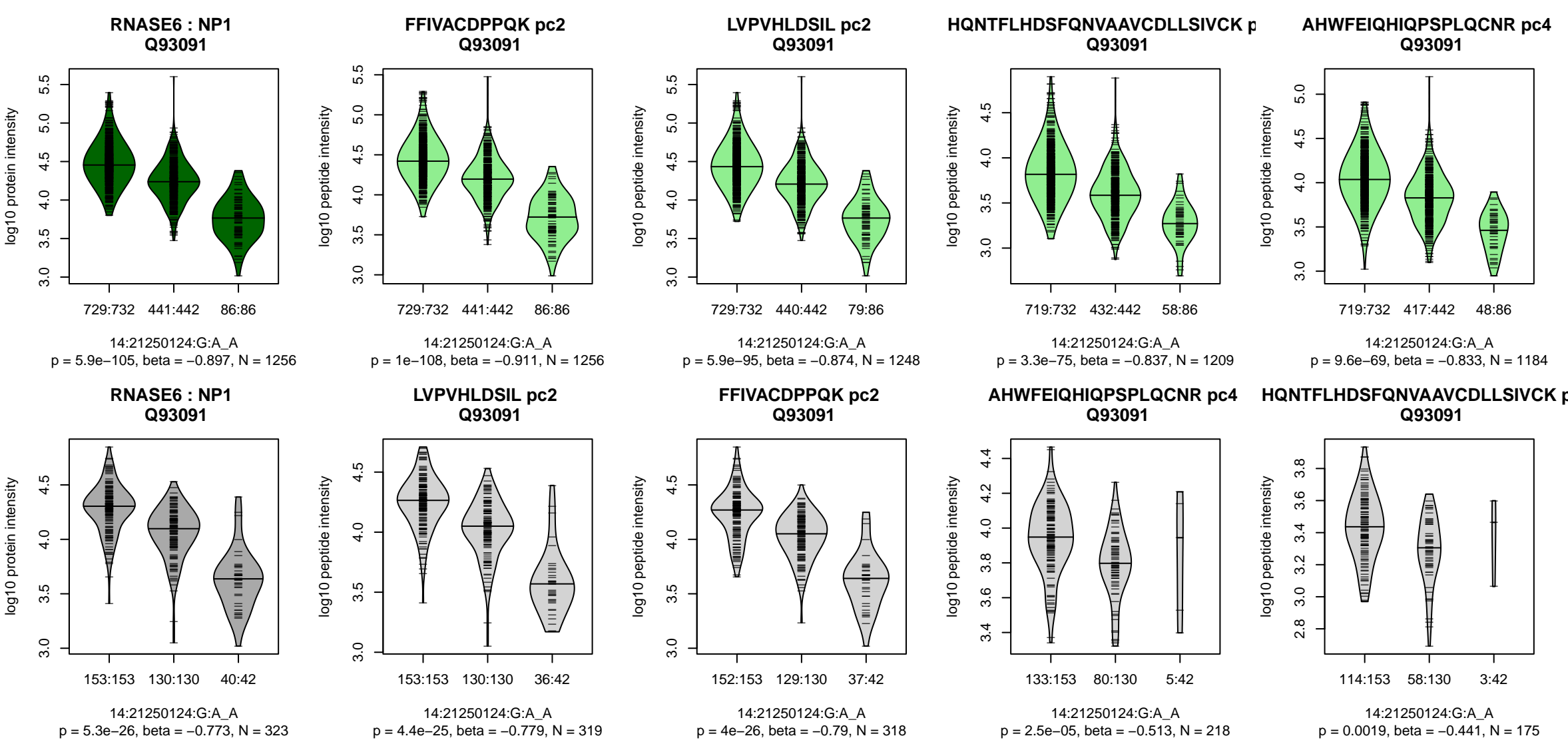
1:207421214:G:A_A
p = 0.46, beta = 0.162, N = 62

TSFPEDTVITYK pc2



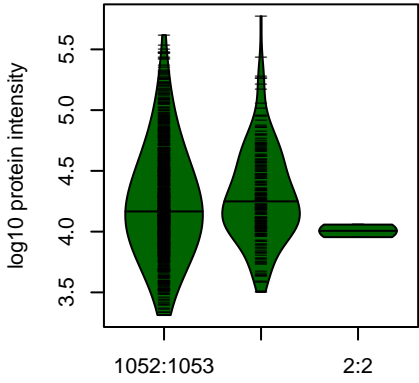
1:207421214:G:A_A
p = 0.75, beta = 0.0717, N = 58

Assay Target: CD55
Olink UniProt: P08174
UKB rsID: rs61822669
Proxy rsID: rs61822669
UKB SNP: 1:207421214:G:A
Proxy SNP: 1:207421214:G:A
UKB log10(p): 863.1
UKB BETA: -0.457
- - * : - - : - - : - - * : - -
945:919:721:513:406:389:366:5



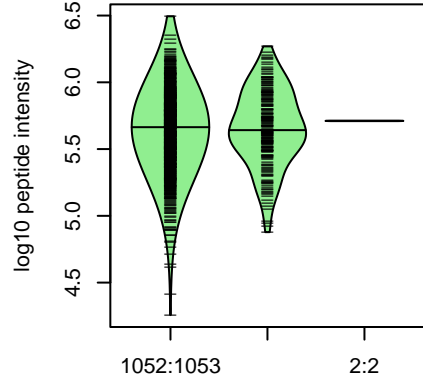
Assay Target: RNASE6
 Olink UniProt: Q93091
 UKB rsID: rs1045922
 Proxy rsID: rs1045922
 UKB SNP: 14:21250124:G:A
 Proxy SNP: 14:21250124:G:A
 UKB log10(p): 853.8
 UKB BETA: -0.427
 ..*.*.*.*.*.*.-:NA
 1256:1248:1209:1184:1166:493

THBS2 : NP4
A0A3B3ITK0;P35442



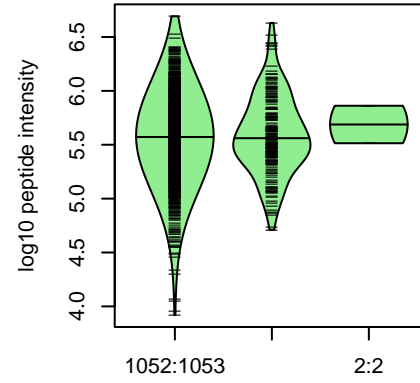
6:169624701:C:A_A
p = 0.11, beta = 0.121, N = 1259

NALWHTGNTPGQVR pc3
A0A3B3ITK0;A0A7I2V585;A0A7I2YQT6;P0793ITK0;A0A7I2V585;A0A7I2YQT6;P0795;A0A7I2YQT6;F5H4Z8;P07996;P3544ITK0;A0A7I2V344;A0A7I2V585;A0A7I2V585



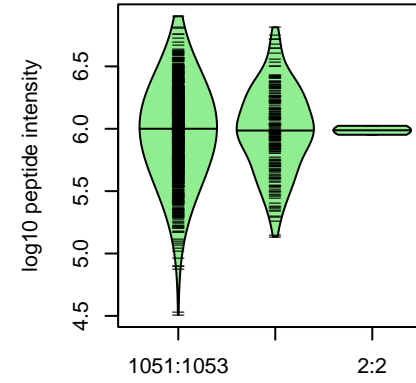
6:169624701:C:A_A
p = 0.35, beta = 0.0698, N = 1258

TLWH DPR pc2



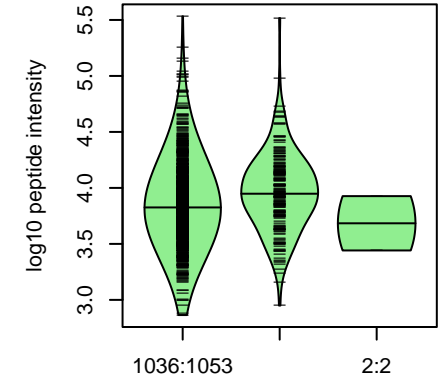
6:169624701:C:A_A
p = 0.42, beta = 0.0608, N = 1258

FYVVMWK pc2



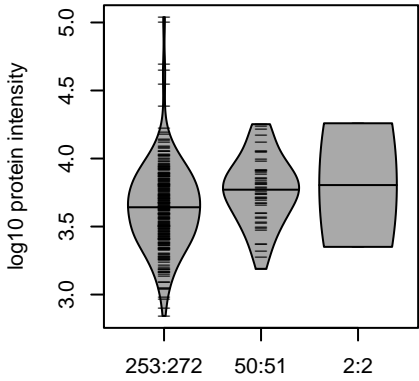
6:169624701:C:A_A
p = 0.7, beta = 0.0289, N = 1257

HVVSLEDVGLADSQWK pc3



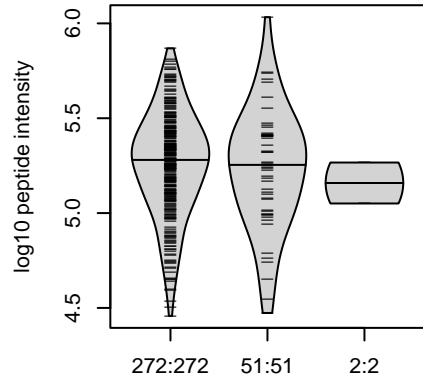
6:169624701:C:A_A
p = 0.00036, beta = 0.267, N = 1241

THBS2 : NP4
A0A3B3ITK0;P35442



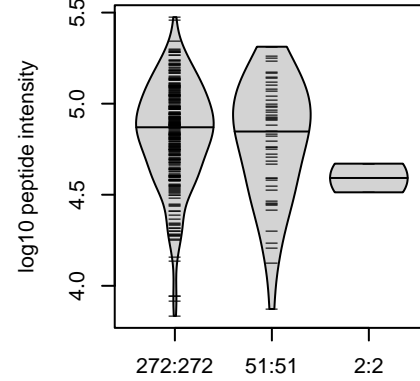
6:169624701:C:A_A
p = 0.0018, beta = 0.439, N = 305

FYVVMWK pc2
A0A3B3ITK0;A0A7I2YQT6;F5H4Z8;P07996;P3544ITK0;A0A7I2V585;A0A7I2YQT6;P0793ITK0;A0A7I2V585;A0A7I2YQT6;P0795;A0A7I2YQT6;F5H4Z8;P07996;P3544ITK0;A0A7I2V344;A0A7I2V585;A0A7I2V585



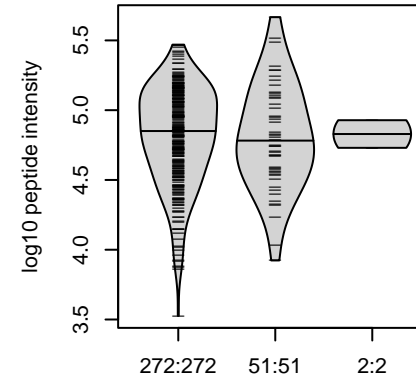
6:169624701:C:A_A
p = 0.34, beta = -0.133, N = 325

NALWHTGNTPGQVR pc2



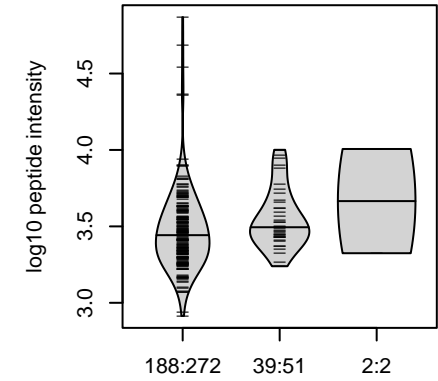
6:169624701:C:A_A
p = 0.18, beta = -0.188, N = 325

TLWH DPR pc2



6:169624701:C:A_A
p = 0.9, beta = -0.017, N = 325

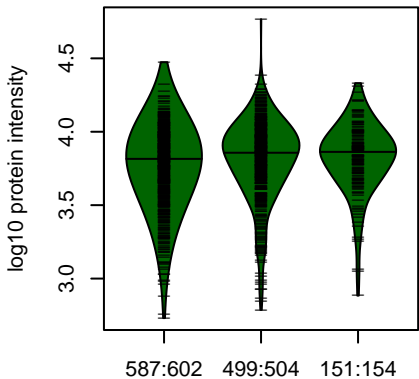
ACQGAPCPIDGR pc2
A0A3B3ITK0;A0A7I2YQT6;P35442



6:169624701:C:A_A
p = 0.0026, beta = 0.47, N = 229

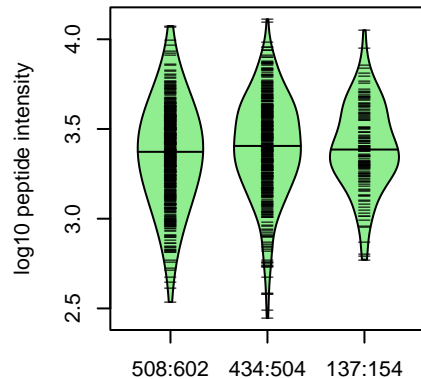
Assay Target: THBS2
Olink UniProt: P35442
UKB rsID: rs78109196
Proxy rsID: rs78109196
UKB SNP: 6:169624701:C:A
Proxy SNP: 6:169624701:C:A
UKB log10(p): 837.4
UKB BETA: 0.639
-----*-----*-----*-----*
1258:1258:1257:1241:1218:121

**KLK14 : NP4
Q9P0G3**



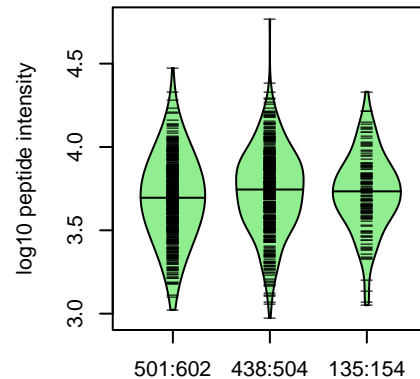
19:51584916:G:A_A
p = 0.023, beta = 0.0934, N = 1237

**CALPGYPGVYTNLCK pc2
A0A1R3UHJ7;Q9P0G3**



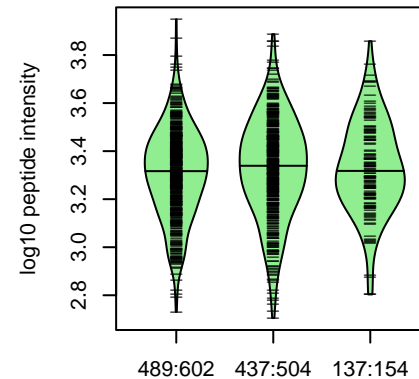
19:51584916:G:A_A
p = 0.16, beta = 0.0612, N = 1079

**TITPGMVCAGVPQGGK pc2
A0A1R3UHJ7;Q9P0G3**



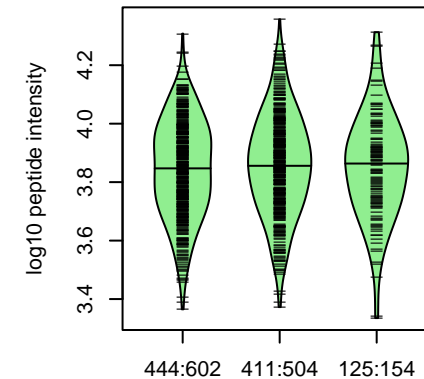
19:51584916:G:A_A
p = 0.073, beta = 0.0789, N = 1074

**GQLQGLVSWGMER pc2
A0A1R3UHJ7;Q9P0G3**



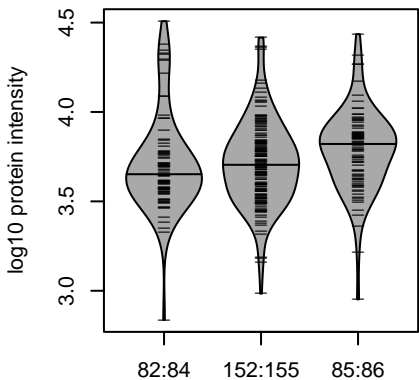
19:51584916:G:A_A
p = 0.19, beta = 0.0582, N = 1063

**VSGWGTISSPIAR pc2
A0A1R3UHJ7;Q9P0G3**



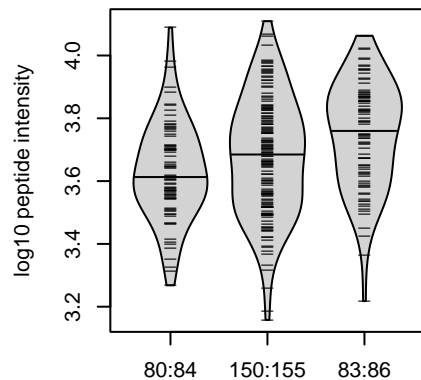
19:51584916:G:A_A
p = 0.39, beta = 0.0397, N = 980

**KLK14 : NP4
A0A1R3UHJ7;Q9P0G3**



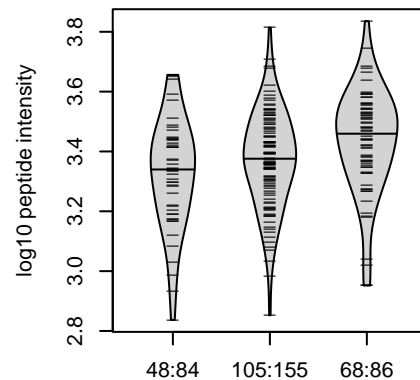
19:51584916:G:A_A
p = 0.11, beta = 0.123, N = 319

**VSGWGTISSPIAR pc2
A0A1R3UHJ7;Q9P0G3**



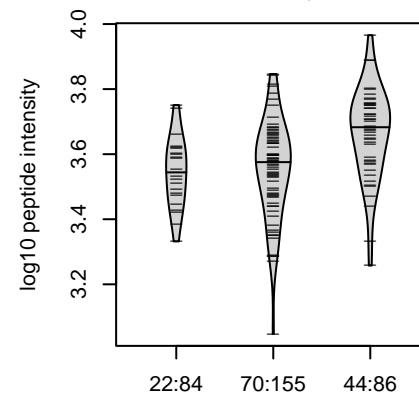
19:51584916:G:A_A
p = 0.0019, beta = 0.239, N = 313

**SSQPWQAALLAGPR pc2
A0A1R3UHJ7;Q9P0G3**



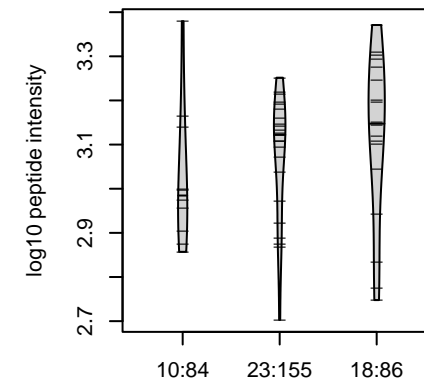
19:51584916:G:A_A
p = 0.014, beta = 0.225, N = 221

**TITPGMVCAGVPQGGK pc2
A0A1R3UHJ7;Q9P0G3**



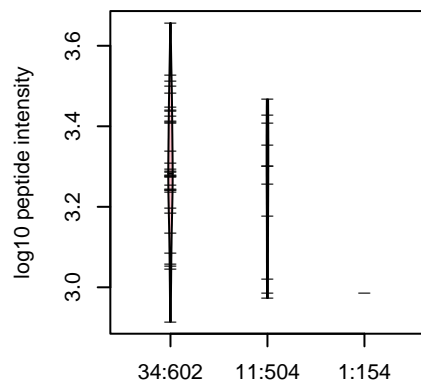
19:51584916:G:A_A
p = 0.0099, beta = 0.315, N = 136

**DSCQGDSGGPLVCR pc2
A0A1R3UHJ7;Q9P0G3**



19:51584916:G:A_A
p = 0.99, beta = -0.00269, N = 51

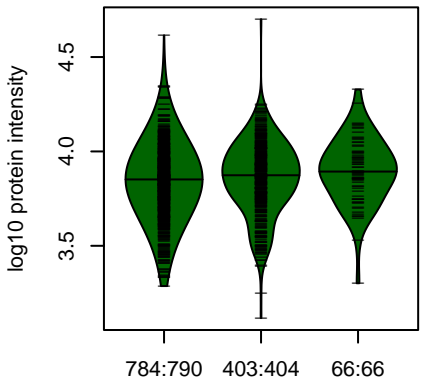
**IIGHTCTR pc2
rs2569491 REF**



19:51584916:G:A_A
p = 0.00042, model = REC, N = 46

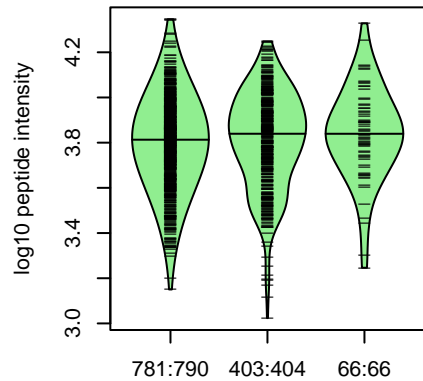
Assay Target: KLK14
Olink UniProt: Q9P0G3
UKB rsID: rs2569491
Proxy rsID: rs2569491
UKB SNP: 19:51584916:G:A
Proxy SNP: 19:51584916:G:A
UKB log10(p): 834.9
UKB BETA: 0.402
- - - - -NA
1079:1074:1063:980:925:555:44

**CELSR2 : NP1
Q9HCU4**



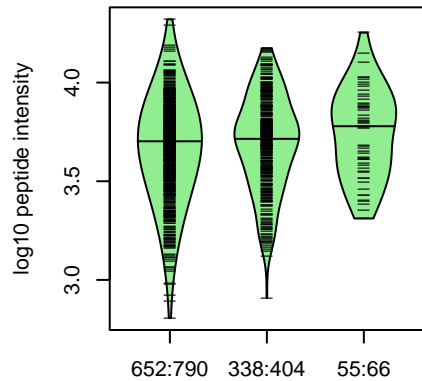
1:109817590:G:T_T
p = 0.0023, beta = 0.145, N = 1253

**LAQAPGLR pc2
Q9HCU4**



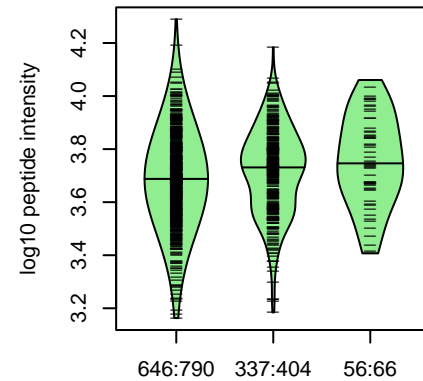
1:109817590:G:T_T
p = 0.078, beta = 0.0839, N = 1250

**LLGIGGHLSPQGK pc3
Q9HCU4**



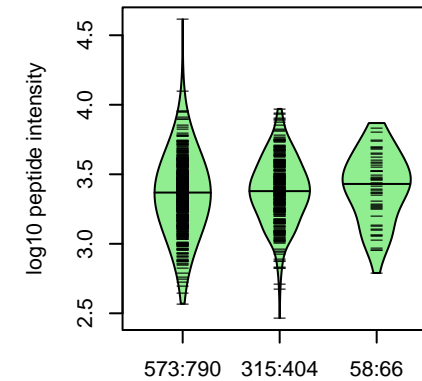
1:109817590:G:T_T
p = 0.0026, beta = 0.156, N = 1045

**LTLPEEHPCLK pc3
Q9HCU4**



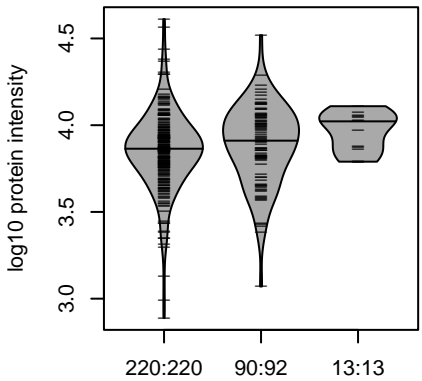
1:109817590:G:T_T
p = 0.00017, beta = 0.195, N = 1039

**DAGTELTGHLVPHHDGLR pc4
Q9HCU4**



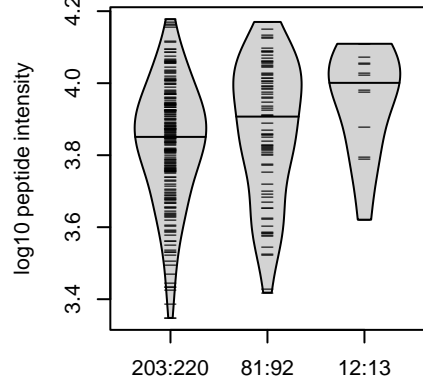
1:109817590:G:T_T
p = 0.02, beta = 0.124, N = 946

**CELSR2 : NP1
Q9HCU4**



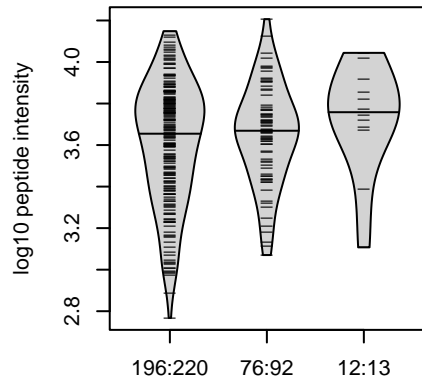
1:109817590:G:T_T
p = 0.034, beta = 0.208, N = 323

**LAQAPGLR pc2
Q9HCU4**



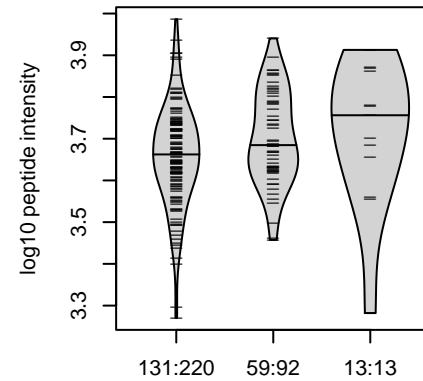
1:109817590:G:T_T
p = 0.007, beta = 0.276, N = 296

**LLGIGGHLSPQGK pc3
Q9HCU4**



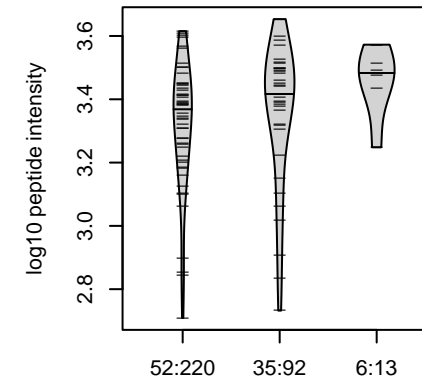
1:109817590:G:T_T
p = 0.25, beta = 0.12, N = 284

**LTLPEEHPCLK pc3
Q9HCU4**



1:109817590:G:T_T
p = 0.0041, beta = 0.322, N = 203

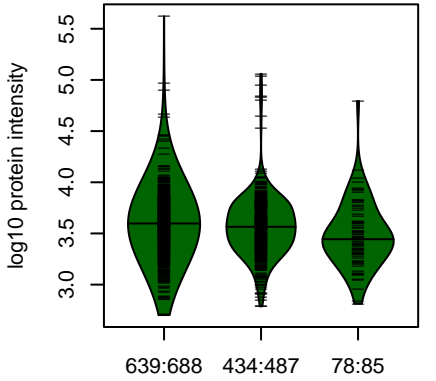
**DAGTELTGHLVPHHDGLR pc4
Q9HCU4**



1:109817590:G:T_T
p = 0.32, beta = 0.164, N = 93

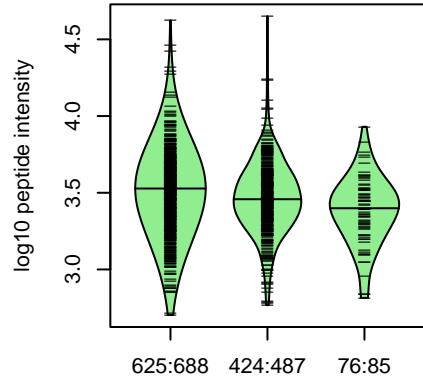
Assay Target: CELSR2
Olink UniProt: Q9HCU4
UKB rsID: rs12740374
Proxy rsID: rs12740374
UKB SNP: 1:109817590:G:T
Proxy SNP: 1:109817590:G:T
UKB log10(p): 813.5
UKB BETA: 0.451
- - * * - - - - -
1250:1045:1039:965:946:786:34

SMOC2 : NP3
Q9H3U7;Q9H3U7-2



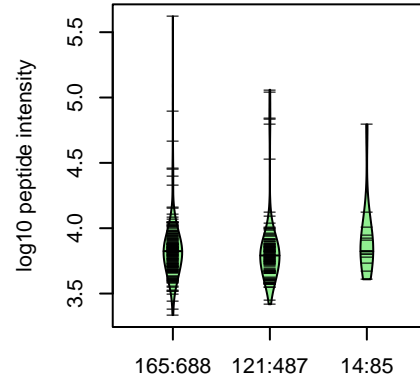
6:168867417:T:C_C
 $\rho = 0.0098$, $\beta = -0.122$, $N = 1151$

FSALTFLR pc2
Q9H3U7;Q9H3U7-2



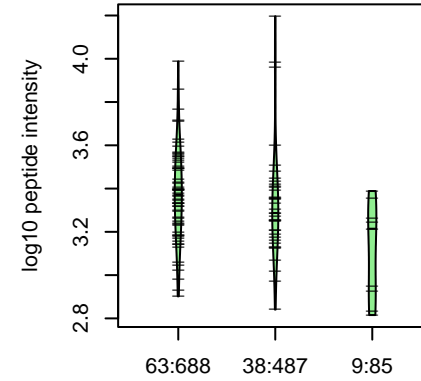
6:168867417:T:C_C
 $\rho = 2.7e-05$, $\beta = -0.2$, $N = 1125$

PLCASDGR pc2
Q9H3U7;Q9H3U7-2



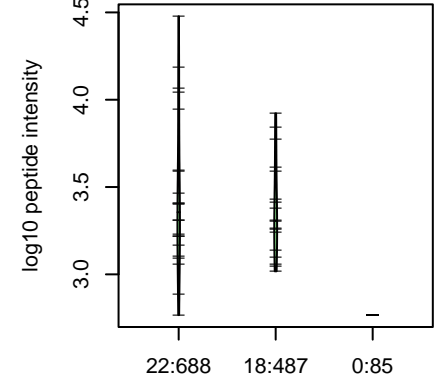
6:168867417:T:C_C
 $\rho = 0.83$, $\beta = 0.0206$, $N = 300$

DPQLEIAYR pc2
Q9H3U7;Q9H3U7-2



6:168867417:T:C_C
 $\rho = 0.15$, $\beta = -0.207$, $N = 110$

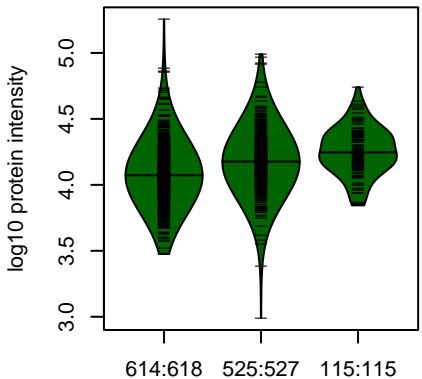
YPTLWTEQVK pc2
Q9H3U7;Q9H3U7-2



6:168867417:T:C_C
 $\rho = 0.52$, $\beta = -0.194$, $N = 40$

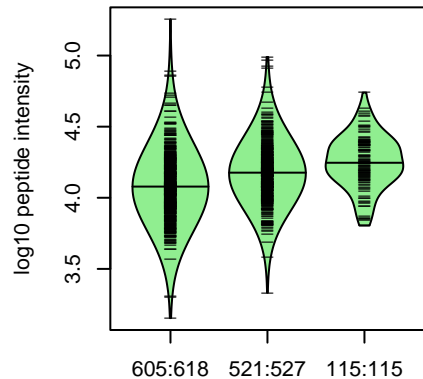
Assay Target: SMOC2
 Olink UniProt: Q9H3U7
 UKB rsID: rs11759500
 Proxy rsID: rs11759500
 UKB SNP: 6:168867417:T:C
 Proxy SNP: 6:168867417:T:C
 UKB log10(p): 784.1
 UKB BETA: -0.384
 *:-:-:-:-:NA:NA:NA:NA:NA:N
 1125:300:110:40:38:21:15:11:3:

**ACP1 : NP3
P24666**



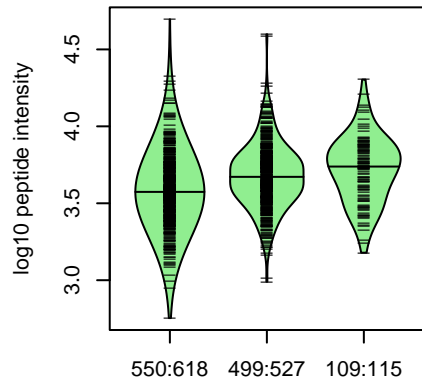
2:280819:G:A_A
p = 2.1e-26, beta = 0.45, N = 1254

**IELLSYDPQK pc2
P24666;P24666-2**



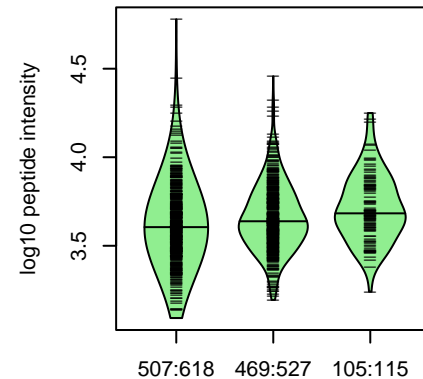
2:280819:G:A_A
p = 1.3e-25, beta = 0.444, N = 1241

**SVLFVCLGNICR pc2
I2;F2Z2Q9;G5E9R5;P24666;P24666-2**



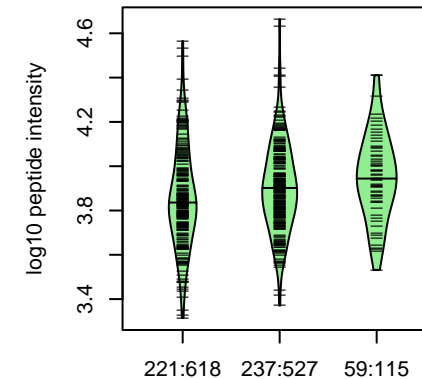
2:280819:G:A_A
p = 4.8e-16, beta = 0.36, N = 1158

**LVTDQNIENWR pc2
F2Z2Q9;G5E9R5;P24666;P24666-I2;F2Z2Q9;G5E9R5;P24666;P24666-2**



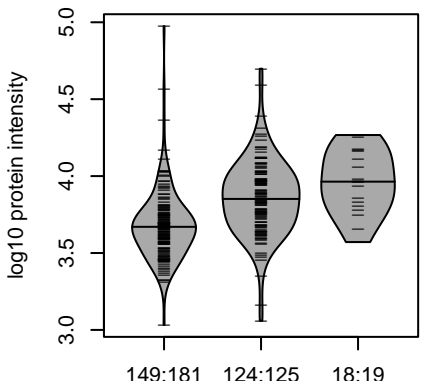
2:280819:G:A_A
p = 3e-08, beta = 0.255, N = 1081

SPIAEAVFR pc2



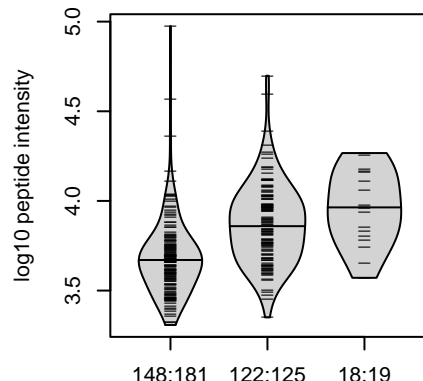
2:280819:G:A_A
p = 8e-05, beta = 0.256, N = 517

**ACP1 : NP3
P24666**



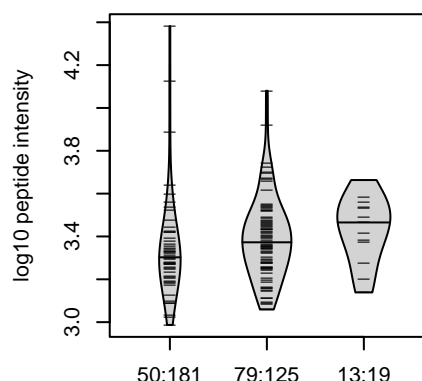
2:280819:G:A_A
p = 1.3e-13, beta = 0.671, N = 291

**IELLSYDPQK pc2
P24666;P24666-2**



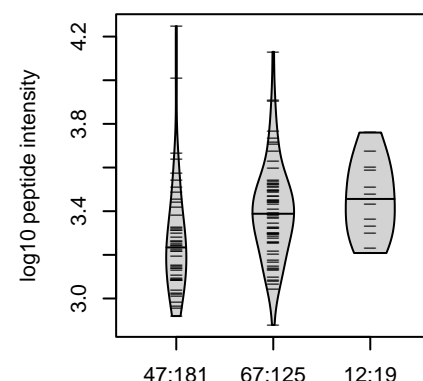
2:280819:G:A_A
p = 3.7e-15, beta = 0.711, N = 288

**LVTDQNIENWR pc2
F2Z2Q9;G5E9R5;P24666;P24666-I2;F2Z2Q9;G5E9R5;P24666;P24666-2I2;F2Z2Q9;G5E9R5;P24666;P24666-2**



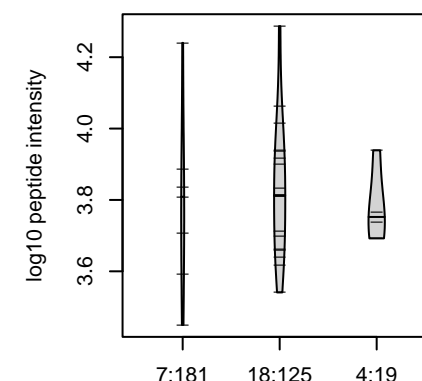
2:280819:G:A_A
p = 0.042, beta = 0.27, N = 142

SVLFVCLGNICR pc2



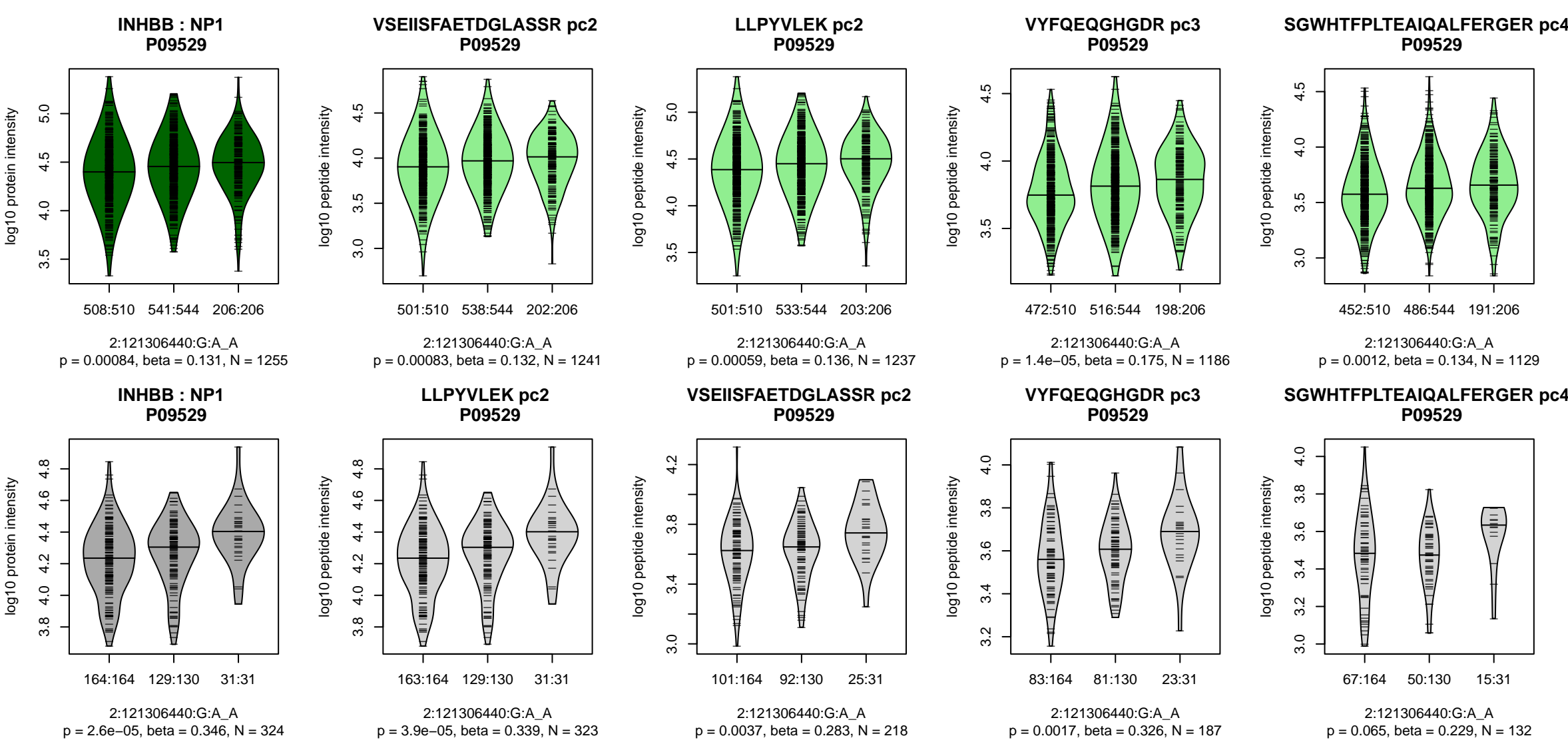
2:280819:G:A_A
p = 0.0048, beta = 0.386, N = 126

SPIAEAVFR pc2



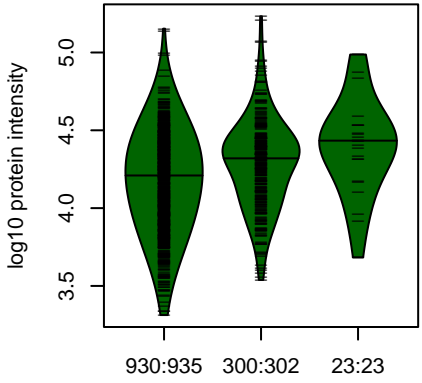
2:280819:G:A_A
p = 0.33, beta = -0.278, N = 29

Assay Target: ACP1
Olink UniProt: P24666
UKB rsID: rs7605824
Proxy rsID: rs7605824
UKB SNP: 2:280819:G:A
Proxy SNP: 2:280819:G:A
UKB log10(p): 736.8
UKB BETA: -0.376
::*:*:-:-:-:NA:NA:NA
1241:1158:1081:517:226:165:1



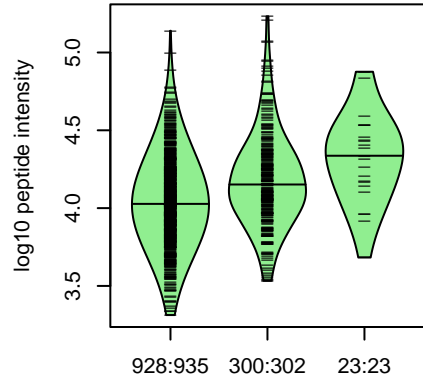
Assay Target: INHBB
 Olink UniProt: P09529
 UKB rsID: rs17050272
 Proxy rsID: rs17050272
 UKB SNP: 2:121306440:G:A
 Proxy SNP: 2:121306440:G:A
 UKB log10(p): 735
 UKB BETA: 0.355
 ..*.*-:-:-:-:-:-:-:-:-:-NA
 1241:1237:1186:1129:751:500:3

CDH15 : NP2
P55291



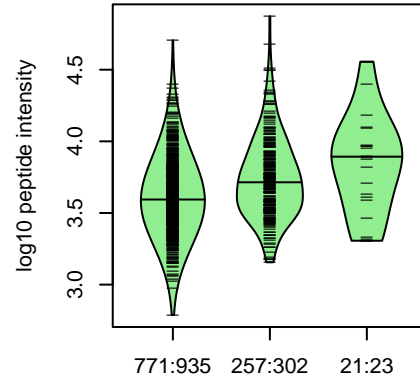
16:89199108:G:A_A
p = 2.8e-12, beta = 0.4, N = 1253

VLEGAVPGYVTR pc2
P55291



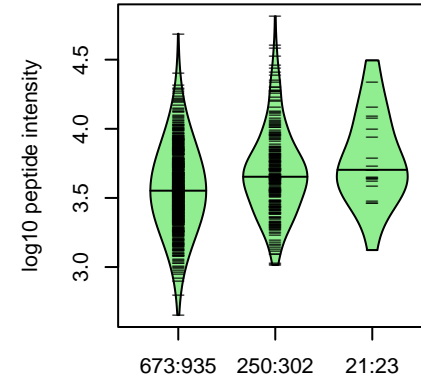
16:89199108:G:A_A
p = 1.4e-21, beta = 0.542, N = 1251

VFLNAMLDR pc2
P55291



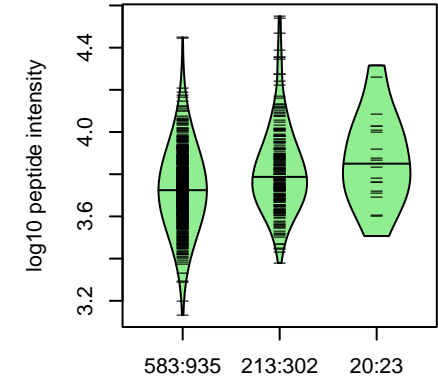
16:89199108:G:A_A
p = 9.1e-16, beta = 0.493, N = 1049

TNEGVLIVK pc2
P55291



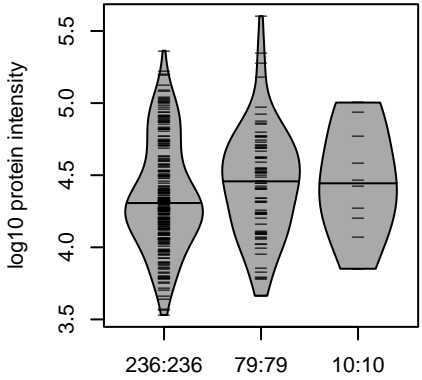
16:89199108:G:A_A
p = 4.6e-11, beta = 0.415, N = 944

ALDYESCEHYELK pc3
P55291



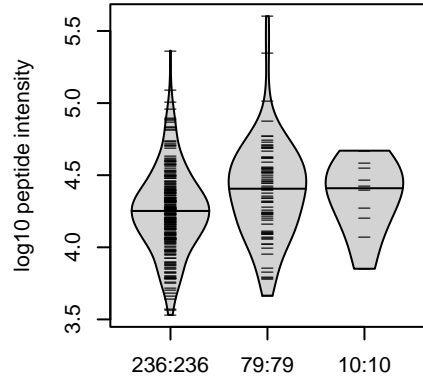
16:89199108:G:A_A
p = 9e-12, beta = 0.457, N = 816

CDH15 : NP2
P55291



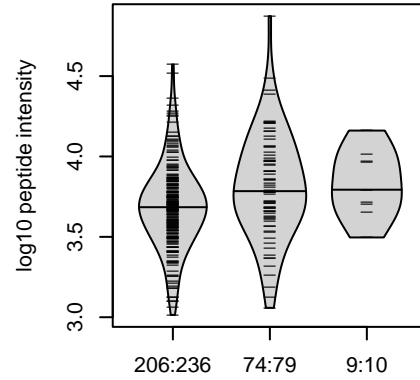
16:89199108:G:A_A
p = 0.11, beta = 0.169, N = 325

VLEGAVPGYVTR pc2
P55291



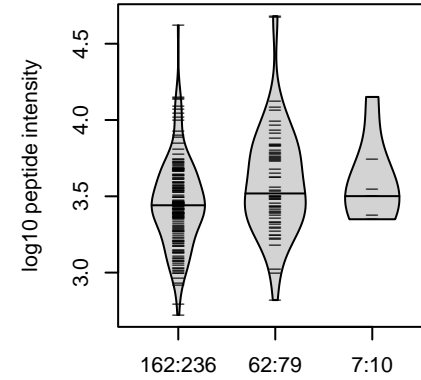
16:89199108:G:A_A
p = 0.0011, beta = 0.341, N = 325

VFLNAMLDR pc2
P55291



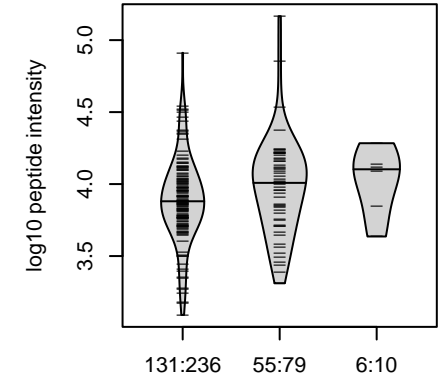
16:89199108:G:A_A
p = 0.00072, beta = 0.368, N = 289

TNEGVLIVK pc2
P55291



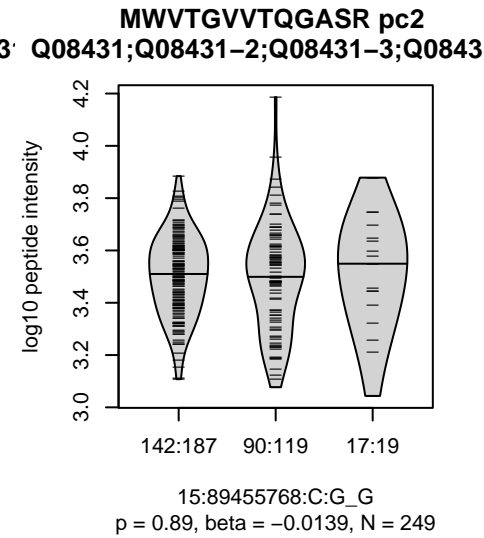
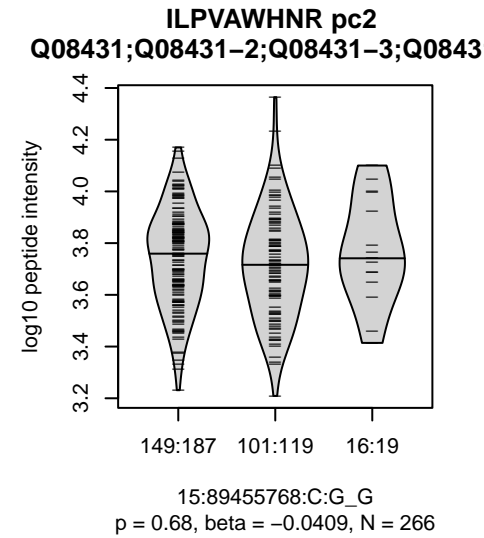
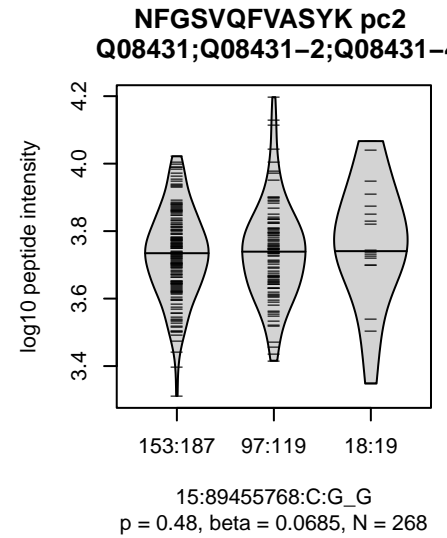
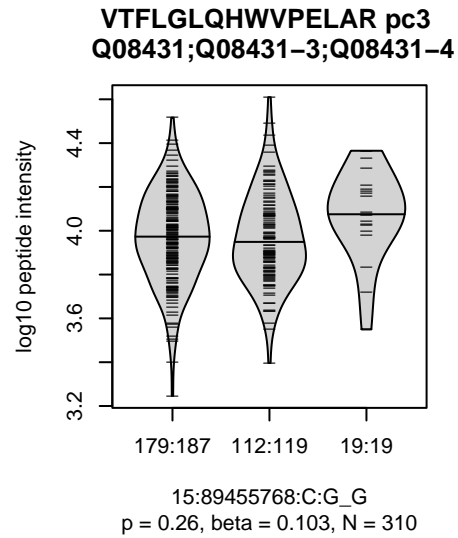
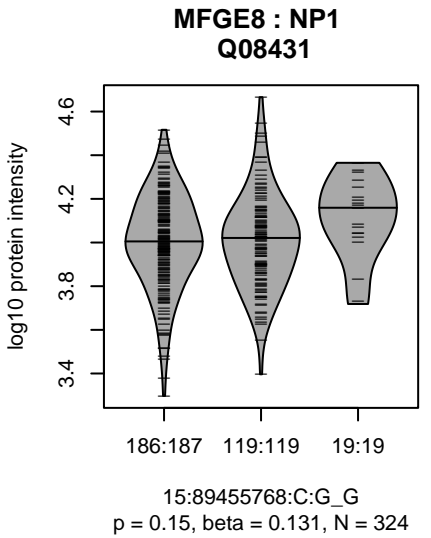
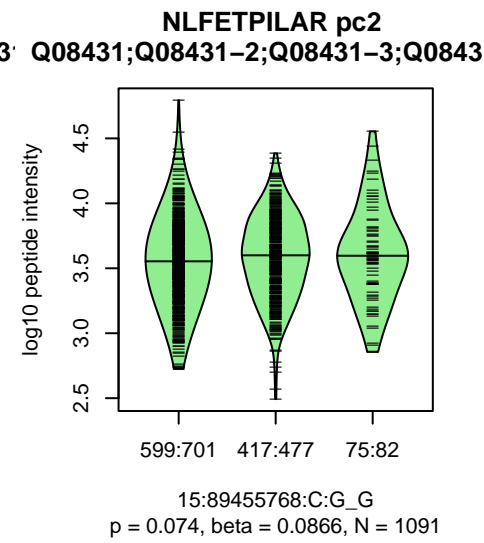
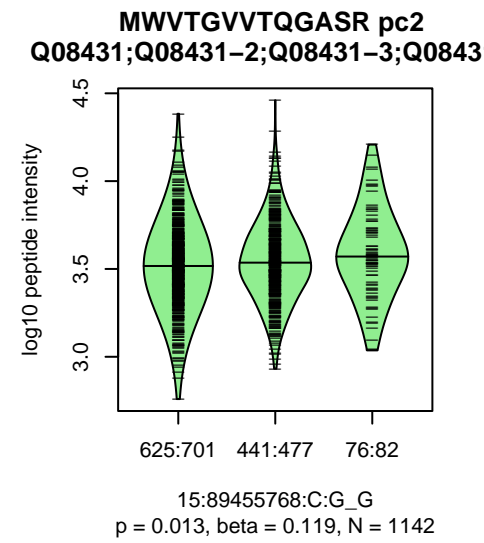
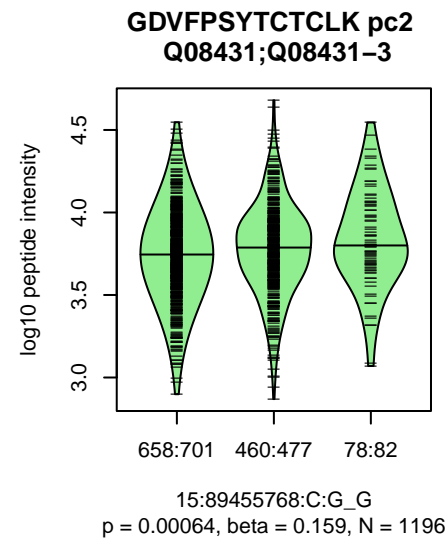
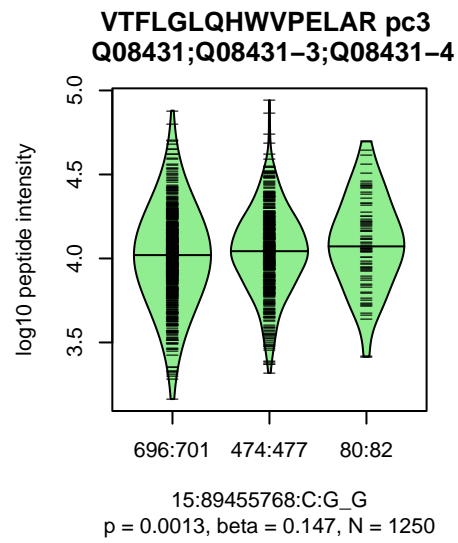
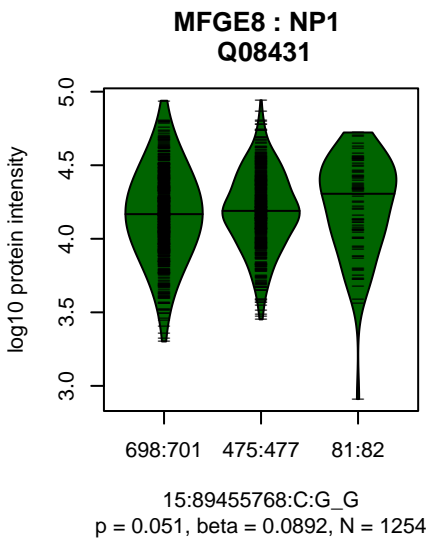
16:89199108:G:A_A
p = 0.0019, beta = 0.375, N = 231

AWVIPPISVSENHK pc3
P55291



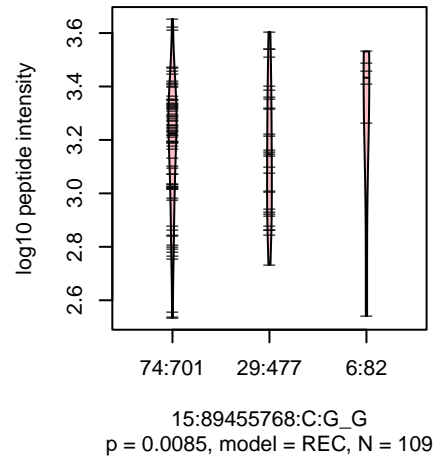
16:89199108:G:A_A
p = 0.036, beta = 0.275, N = 192

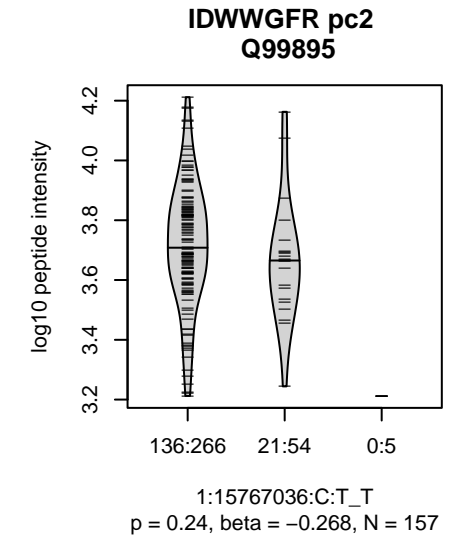
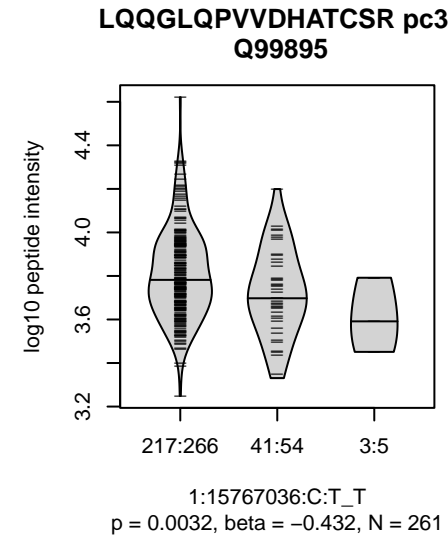
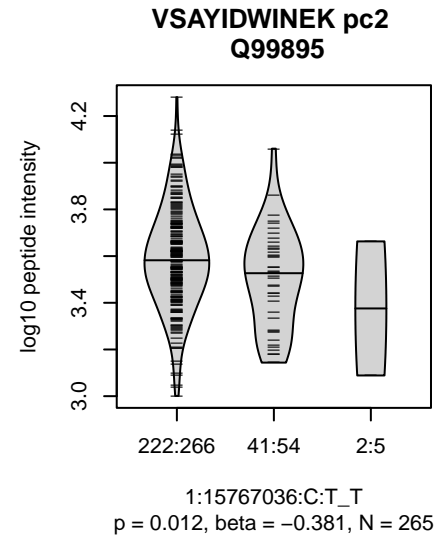
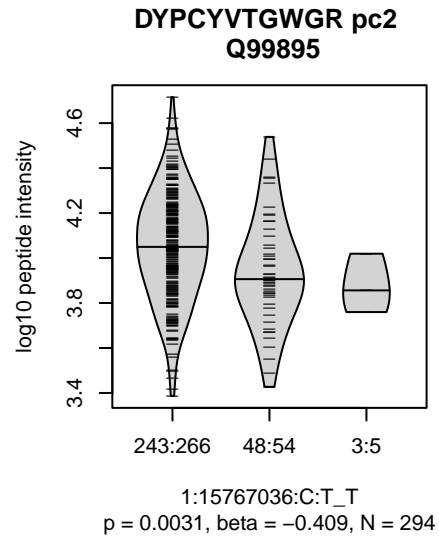
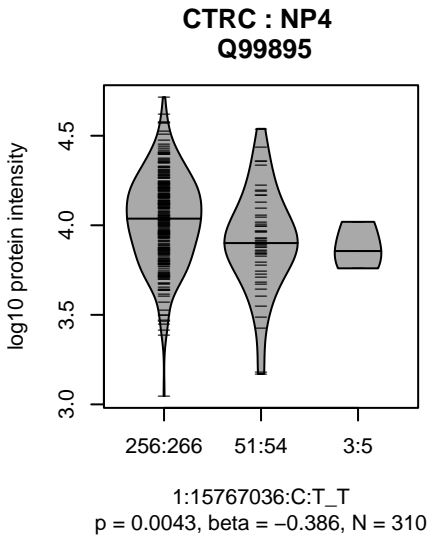
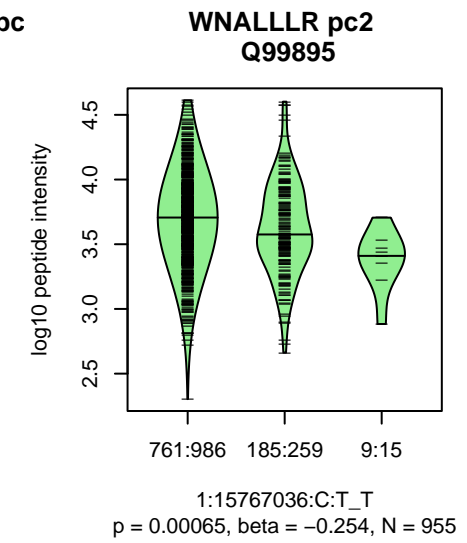
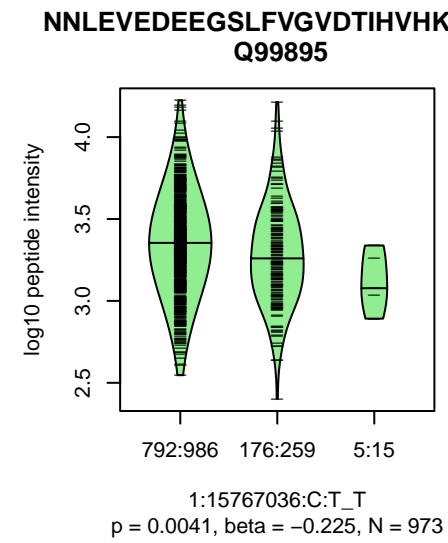
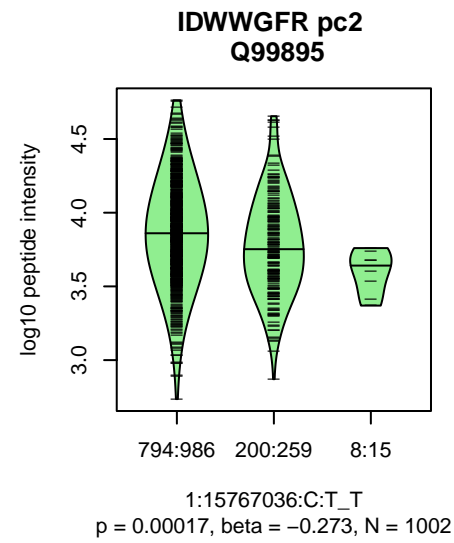
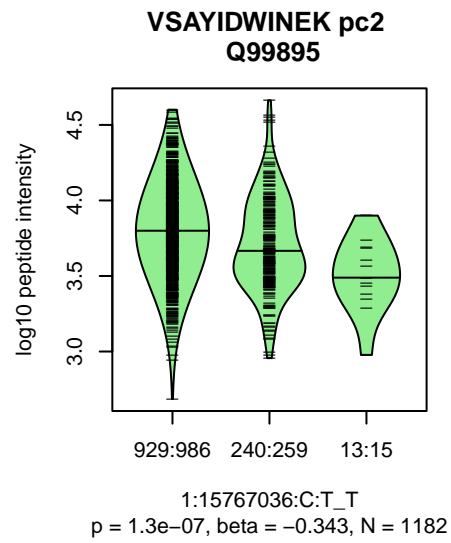
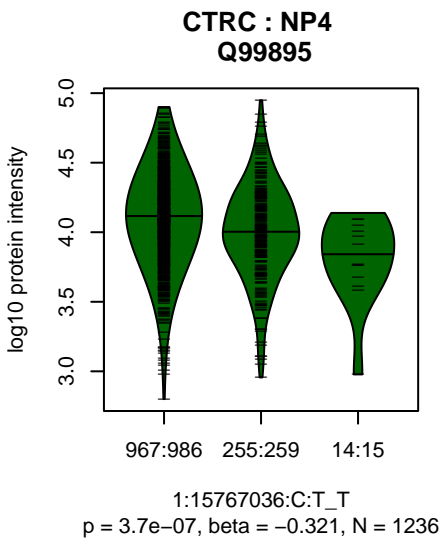
Assay Target: CDH15
Olink UniProt: P55291
UKB rsID: rs11646135
Proxy rsID: rs11646135
UKB SNP: 16:89199108:G:A
Proxy SNP: 16:89199108:G:A
UKB log10(p): 728.6
UKB BETA: 0.432
*****-*****-*****-*****-*****
1251:1049:944:816:654:625:590



CVEPLGLENGNIANSQIAASSVR pc
rs1878326 REF

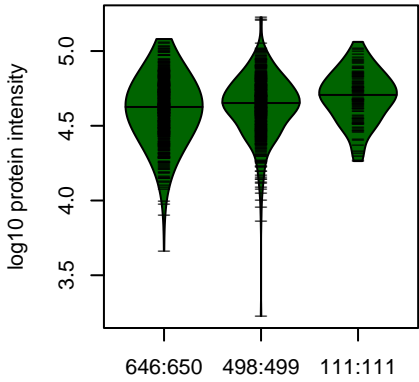
Assay Target: MFGE8
Olink UniProt: Q08431
UKB rsID: rs34239095
Proxy rsID: rs34239095
UKB SNP: 15:89455768:C:G
Proxy SNP: 15:89455768:C:G
UKB log10(p): 717.1
UKB BETA: 0.383
::-----





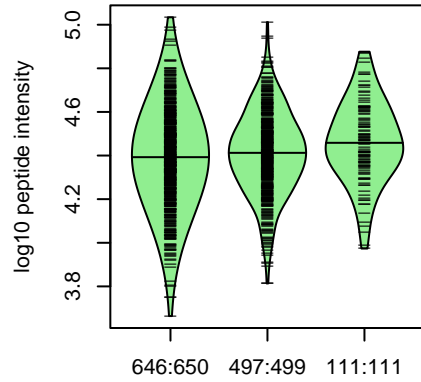
Assay Target: CTRC
 Olink UniProt: Q99895
 UKB rsID: rs497078
 Proxy rsID: rs497078
 UKB SNP: 1:15767036:C:T
 Proxy SNP: 1:15767036:C:T
 UKB log10(p): 716.9
 UKB BETA: -0.552
 **:*:*:-:-:-:-:NA
 1182:1002:973:955:944:893:852

**DKK3 : NP2
Q9UBP4**



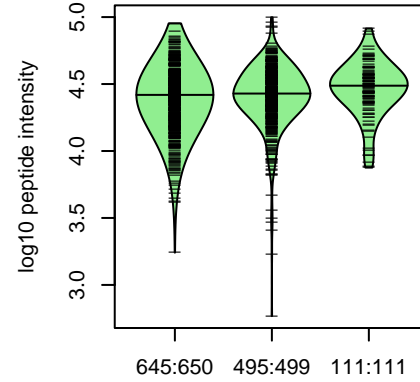
11:12038874:G:A_A
p = 1.7e-05, beta = 0.186, N = 1255

**DCQPGLCCAFQR pc2
F6SYF8;Q9UBP4**



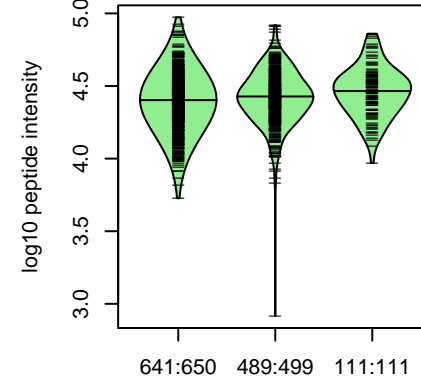
11:12038874:G:A_A
p = 0.00068, beta = 0.147, N = 1254

**DSECCGDQLCVWGHCTK pc3
F6SYF8;Q9UBP4**



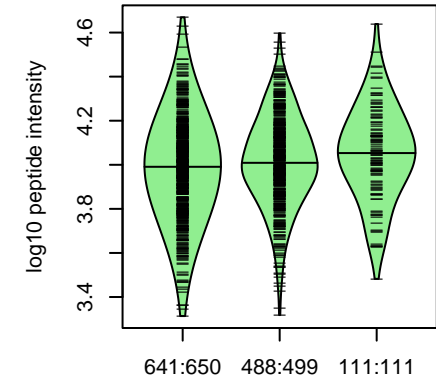
11:12038874:G:A_A
p = 3e-04, beta = 0.156, N = 1251

**SAVEEMEAEAAAK pc2
F6SYF8;Q9UBP4**



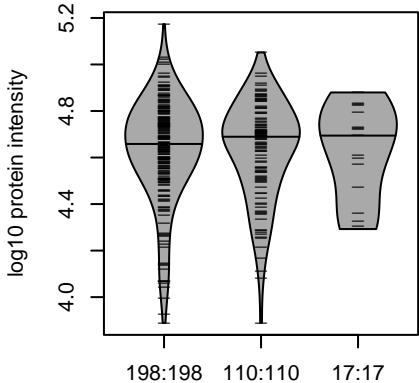
11:12038874:G:A_A
p = 4.5e-05, beta = 0.177, N = 1241

**EVEELMEDTQHK pc2
F6SYF8;Q9UBP4**



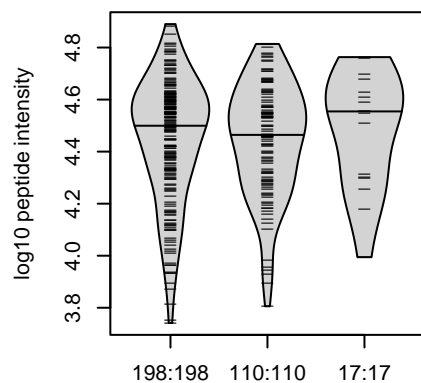
11:12038874:G:A_A
p = 0.00037, beta = 0.154, N = 1240

**DKK3 : NP2
Q9UBP4**



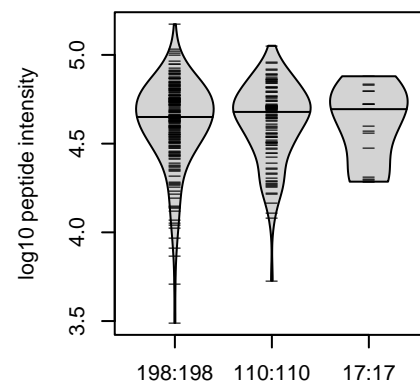
11:12038874:G:A_A
p = 0.97, beta = -0.00397, N = 325

**DCQPGLCCAFQR pc2
F6SYF8;Q9UBP4**



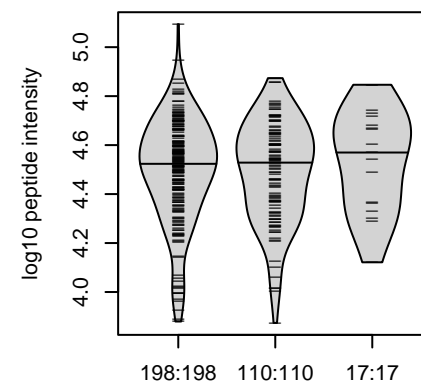
11:12038874:G:A_A
p = 0.45, beta = 0.0696, N = 325

**DQDGEILLPR pc2
F6SYF8;Q9UBP4**



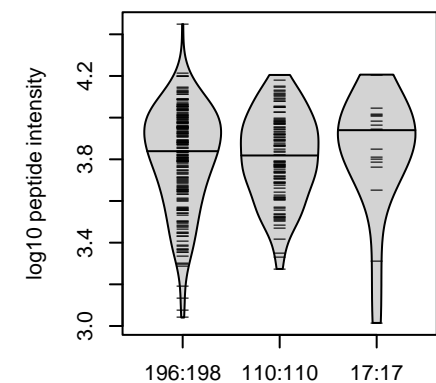
11:12038874:G:A_A
p = 0.98, beta = 0.00257, N = 325

**SAVEEMEAEAAAK pc2
F6SYF8;Q9UBP4**



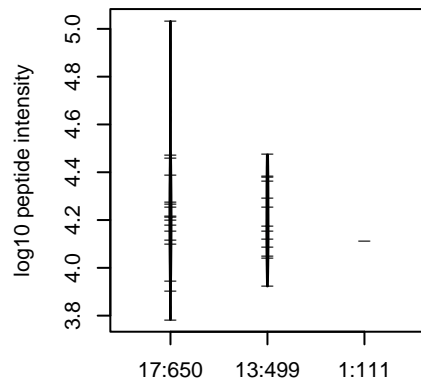
11:12038874:G:A_A
p = 0.59, beta = 0.0492, N = 325

**EVEELMEDTQHK pc2
F6SYF8;Q9UBP4**



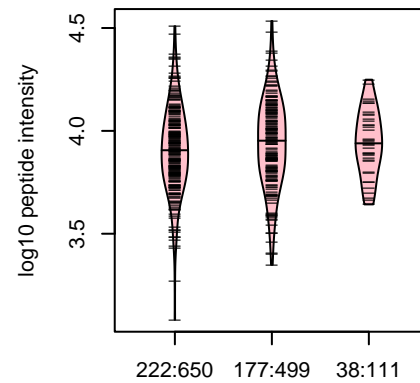
11:12038874:G:A_A
p = 0.47, beta = 0.0664, N = 323

**EPAAAAAALLGEEI pc2
rs3206824 REF**



11:12038874:G:A_A
p = 0.51, model = DOM, N = 31

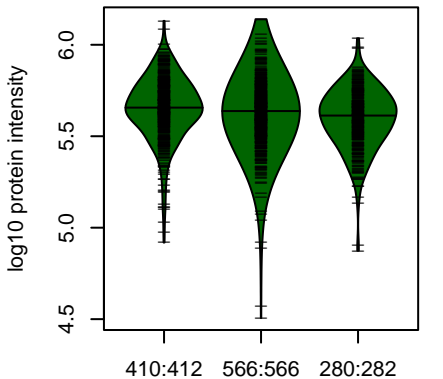
**SLTEEMALR pc2
rs3206824 REF**



11:12038874:G:A_A
p = 0.72, model = REC, N = 437

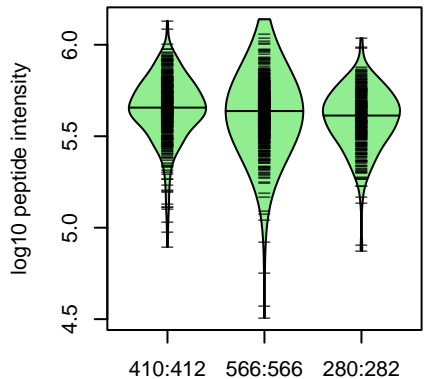
Assay Target: DKK3
Olink UniProt: Q9UBP4
UKB rsID: rs11022114
Proxy rsID: rs11022114
UKB SNP: 11:12038874:G:A
Proxy SNP: 11:12038874:G:A
UKB log10(p): 712.6
UKB BETA: 0.363
..*.*.*.*.*.*.*.*
1254:1251:1241:1240:1231:119

**DPT : NP2
Q07507**



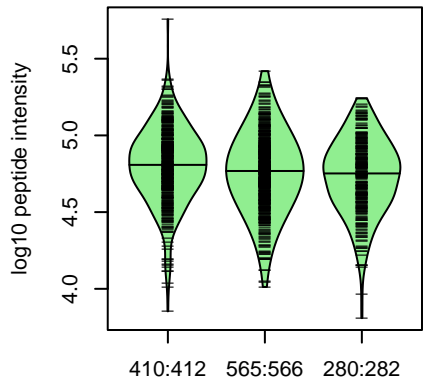
1:168697761:A:C_A
p = 3.2e-07, beta = -0.195, N = 1256

**GATTTFAVER pc2
Q07507**



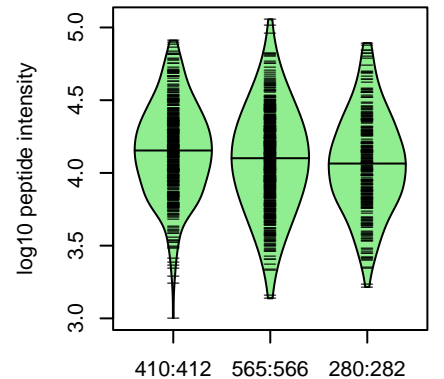
1:168697761:A:C_A
p = 3.3e-07, beta = -0.194, N = 1256

**AGMEWYQTCNNGLVAGFQSR pc:
Q07507**



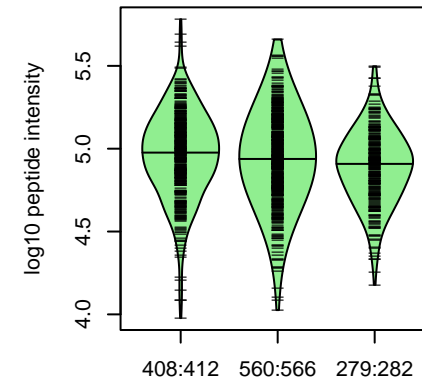
1:168697761:A:C_A
p = 0.00089, beta = -0.127, N = 1255

**QGFSYQCPQGQVIVAVR pc3
Q07507**



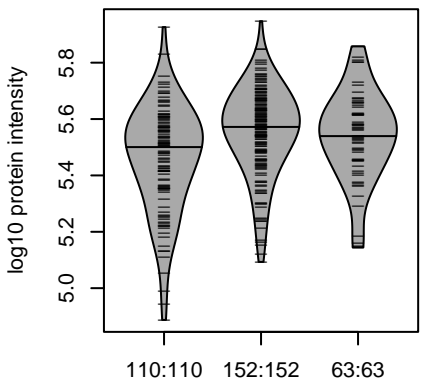
1:168697761:A:C_A
p = 0.00049, beta = -0.133, N = 1255

**YFESVLDR pc2
Q07507**



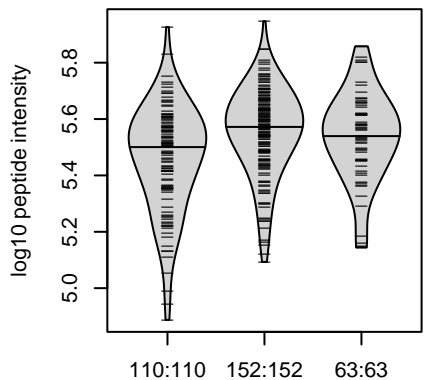
1:168697761:A:C_A
p = 0.00059, beta = -0.132, N = 1247

**DPT : NP2
Q07507**



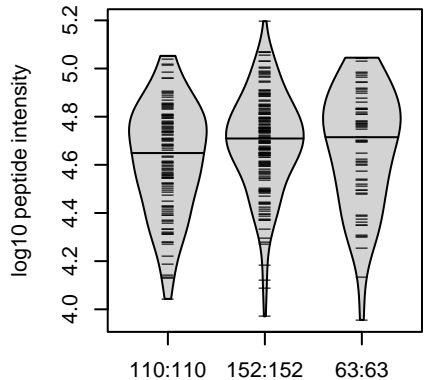
1:168697761:A:C_C
p = 0.0023, beta = 0.232, N = 325

**GATTTFAVER pc2
Q07507**



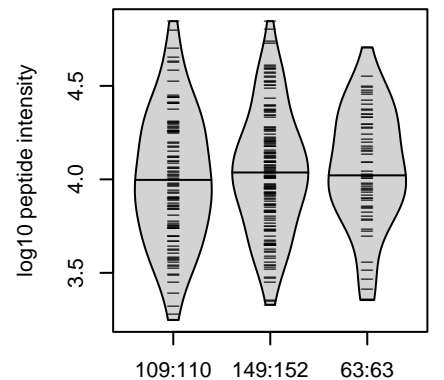
1:168697761:A:C_C
p = 0.0023, beta = 0.232, N = 325

**YFESVLDR pc2
Q07507**



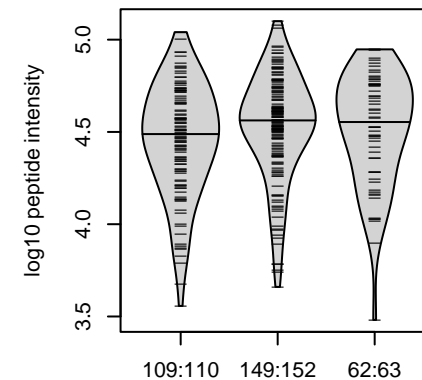
1:168697761:A:C_C
p = 0.083, beta = 0.133, N = 325

**QGFSYQCPQGQVIVAVR pc3
Q07507**



1:168697761:A:C_C
p = 0.32, beta = 0.0767, N = 321

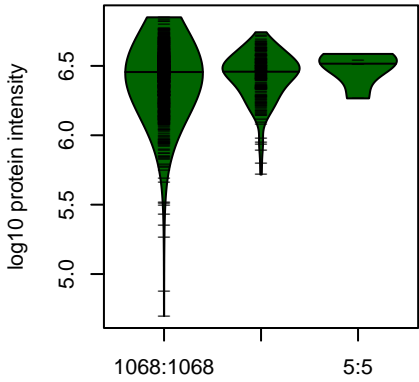
**AGMEWYQTCNNGLVAGFQSR pc:
Q07507**



1:168697761:A:C_C
p = 0.1, beta = 0.126, N = 320

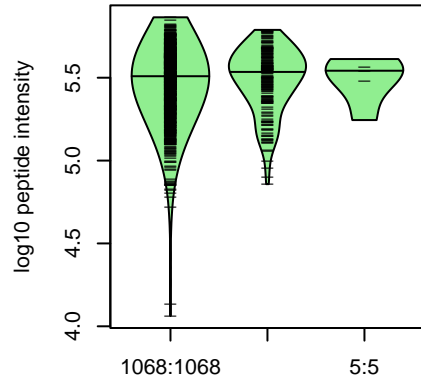
Assay Target: DPT
Olink UniProt: Q07507
UKB rsID: rs1018454
Proxy rsID: rs1018454
UKB SNP: 1:168697761:A:C
Proxy SNP: 1:168697761:A:C
UKB log10(p): 710.9
UKB BETA: 0.323
..*.*-:-:-:-
1256:1255:1255:1247:1169:858

**C1QA : NP4
P02745**



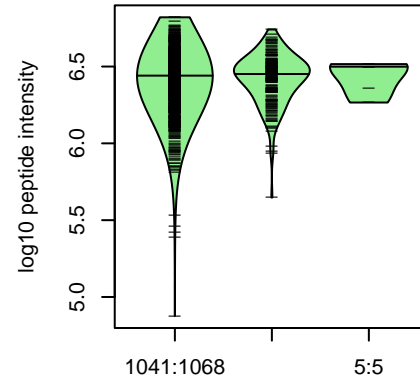
1:22963050:G:A_A
p = 0.89, beta = 0.0103, N = 1259

**DQPRPAFSAIR pc2
P02745**



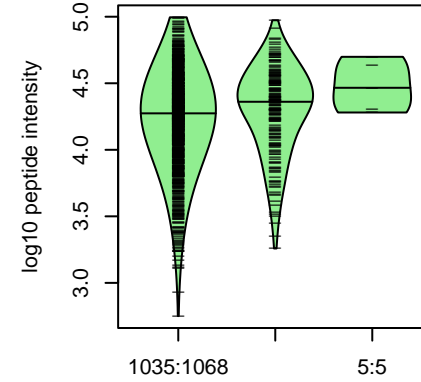
1:22963050:G:A_A
p = 0.42, beta = 0.0602, N = 1259

**SLGFCDTTNK pc2
P02745**

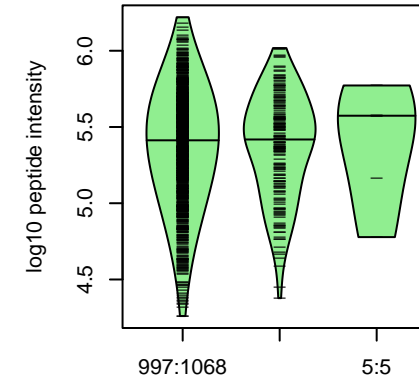


1:22963050:G:A_A
p = 0.77, beta = 0.0222, N = 1229

**IPPMGGNVVIFDVTITNQEEPYNHSGGLFQVVSGGMVLQLQQGDQVWVEK
P02745**

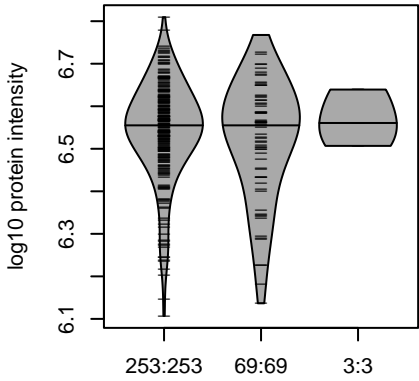


1:22963050:G:A_A
p = 0.0061, beta = 0.208, N = 1222



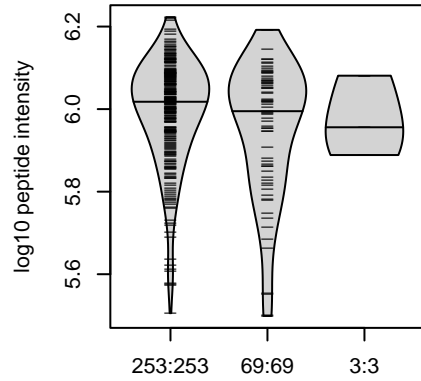
1:22963050:G:A_A
p = 0.99, beta = -0.000884, N = 1175

**C1QA : NP4
P02745**



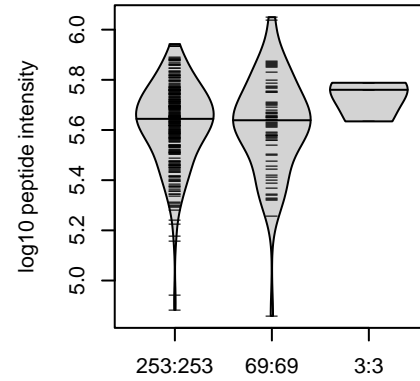
1:22963050:G:A_A
p = 0.75, beta = -0.0389, N = 325

**DQPRPAFSAIR pc2
P02745**



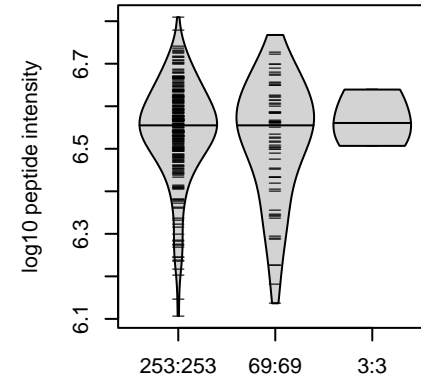
1:22963050:G:A_A
p = 0.07, beta = -0.224, N = 325

**GLFQVVSGGMVLQLQQGDQVWVEK |
P02745**



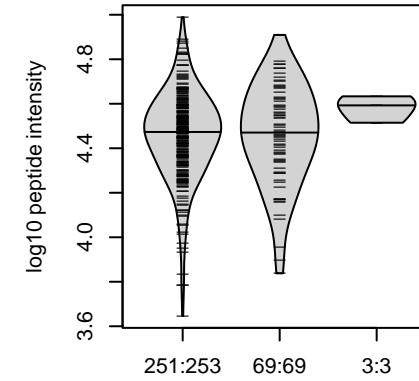
1:22963050:G:A_A
p = 0.4, beta = 0.105, N = 325

**SLGFCDTTNK pc2
P02745**



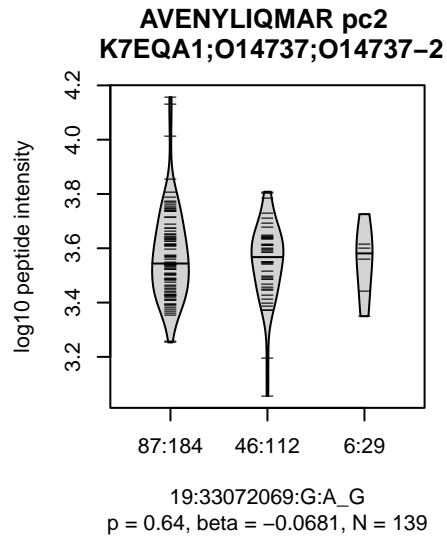
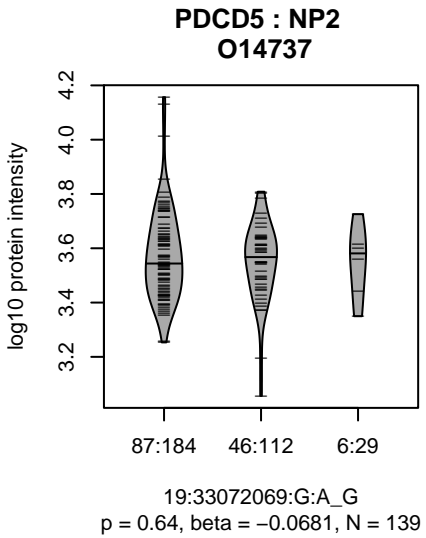
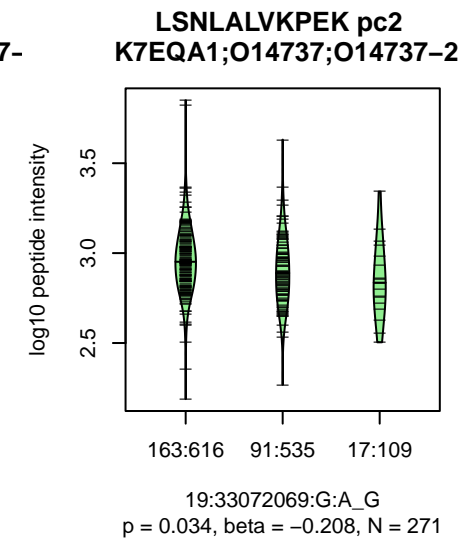
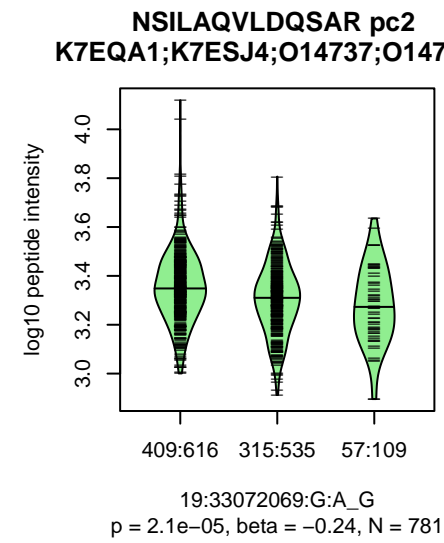
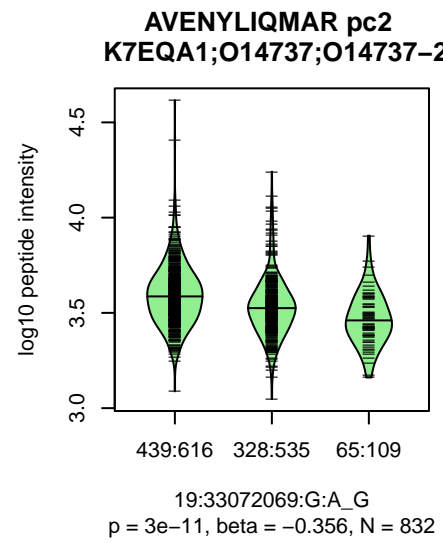
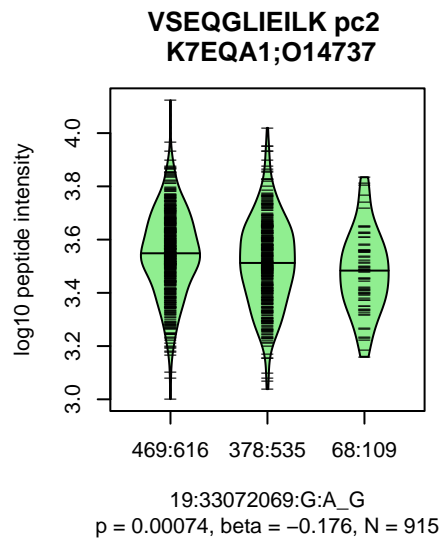
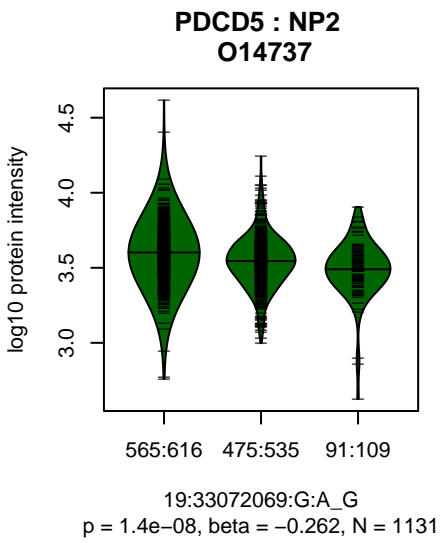
1:22963050:G:A_A
p = 0.75, beta = -0.0389, N = 325

**IPPMGGNVVIFDVTITNQEEPYNHSGGLFQVVSGGMVLQLQQGDQVWVEK
P02745**



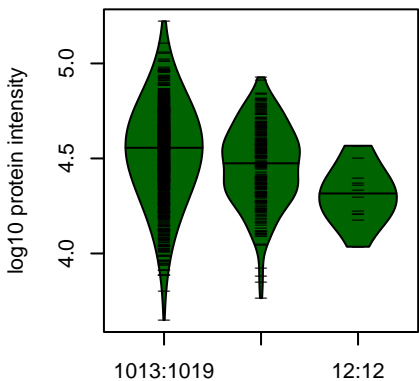
1:22963050:G:A_A
p = 0.5, beta = 0.0836, N = 323

Assay Target: C1QA
Olink UniProt: P02745
UKB rsID: rs12058824
Proxy rsID: rs12058824
UKB SNP: 1:22963050:G:A
Proxy SNP: 1:22963050:G:A
UKB log10(p): 696.2
UKB BETA: -0.621
-----NA
1259:1229:1222:1175:1091:108



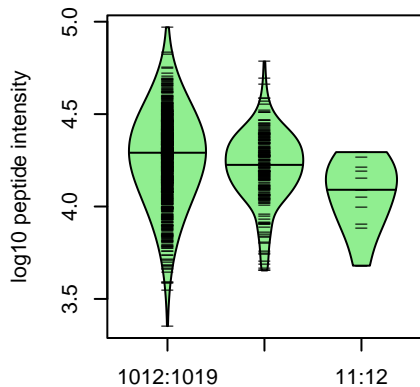
Assay Target: PDCD5
 Olink UniProt: O14737
 UKB rsID: rs10402931
 Proxy rsID: rs10402931
 UKB SNP: 19:33072069:G:A
 Proxy SNP: 19:33072069:G:A
 UKB log10(p): 691.9
 UKB BETA: 0.376
 ..*.-.-:NA:NA
 915:832:781:271:121:1:2

ACP5 : NP3
P13686



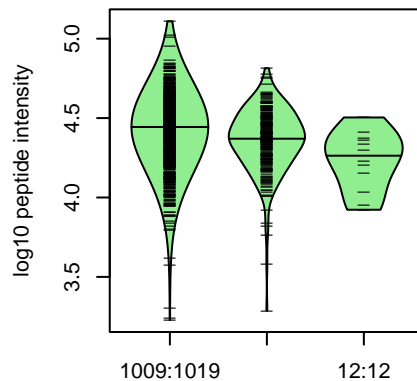
19:11687351:C:T_T
p = 2.7e-07, beta = -0.339, N = 1254

WNFPSPFYR pc2
P13686



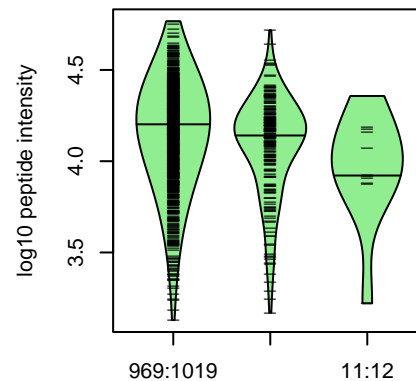
19:11687351:C:T_T
p = 8.9e-06, beta = -0.295, N = 1252

EMTVTYIEASGK pc2
P13686



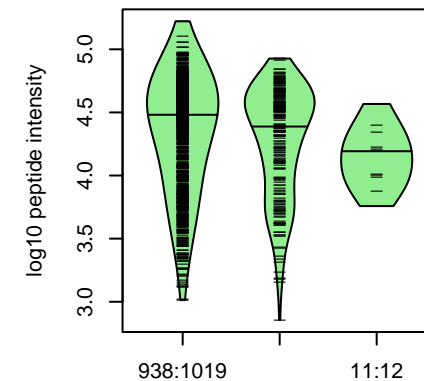
19:11687351:C:T_T
p = 3.2e-07, beta = -0.339, N = 1246

TQLSWLK pc2
P13686



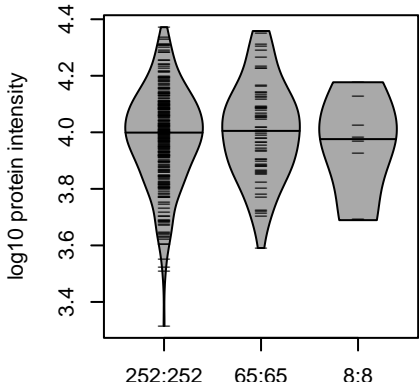
19:11687351:C:T_T
p = 9.1e-05, beta = -0.268, N = 1192

FVAVGDWGGVNPAPFHTAR pc3
P13686



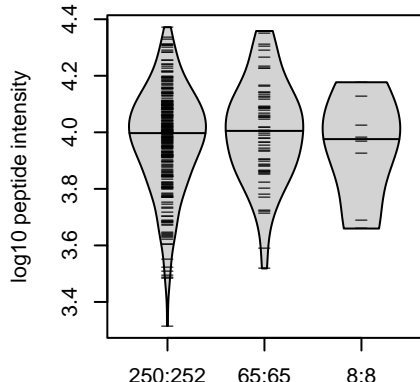
19:11687351:C:T_T
p = 0.003, beta = -0.206, N = 1155

ACP5 : NP3
P13686



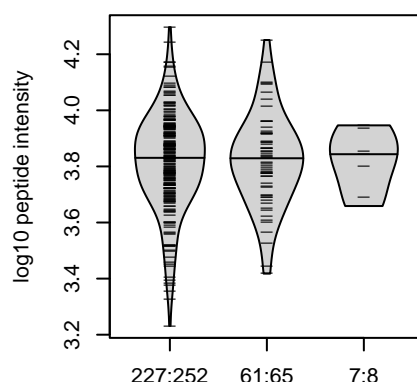
19:11687351:C:T_T
p = 0.68, beta = 0.0469, N = 325

FVAVGDWGGVNPAPFHTAR pc3
P13686



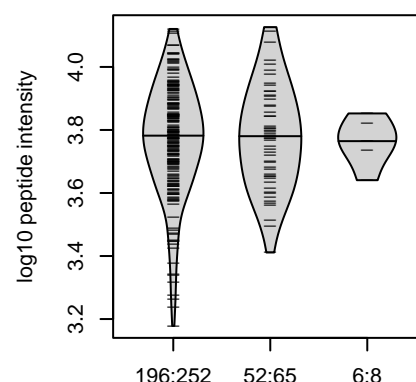
19:11687351:C:T_T
p = 0.61, beta = 0.0583, N = 323

EMTVTYIEASGK pc2
P13686



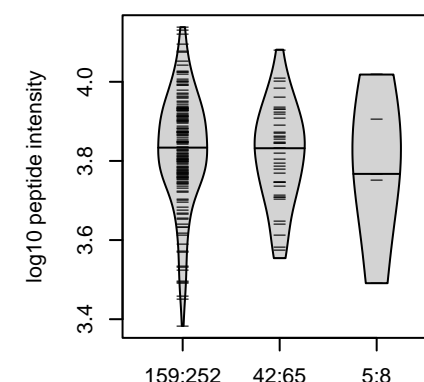
19:11687351:C:T_T
p = 0.97, beta = -0.0048, N = 295

WNFPSPFYR pc2
P13686



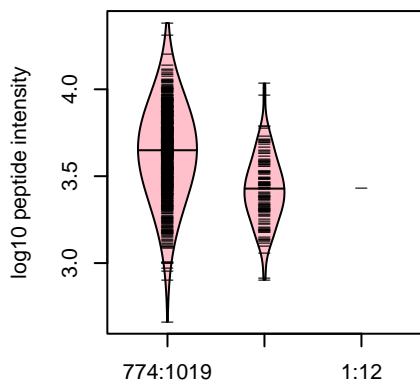
19:11687351:C:T_T
p = 0.81, beta = -0.031, N = 254

TQLSWLK pc2
P13686



19:11687351:C:T_T
p = 0.35, beta = -0.131, N = 206

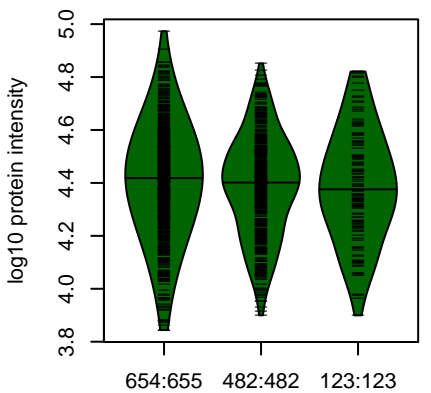
EDYVLVAGHYPVWSIAEHGPTHCLVK |
rs2229531 REF



19:11687351:C:T_T
p = 3.6e-15, model = REC, N = 893

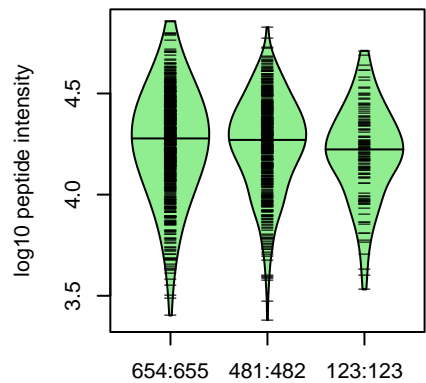
Assay Target: ACP5
Olink UniProt: P13686
UKB rsID: rs2305799
Proxy rsID: rs2305799
UKB SNP: 19:11687351:C:T
Proxy SNP: 19:11687351:C:T
UKB log10(p): 679.9
UKB BETA: -0.501
..*.*.*-
1252:1246:1192:1155:696:525

PTPRB : NP4
P23467-3



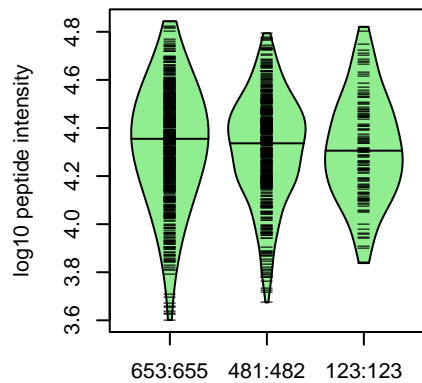
12:70990054:T:C_C
p = 0.32, beta = -0.0424, N = 1259

VLAPWITETHFK pc3
5;F8VU56;P23467;P23467-2;P23467-3



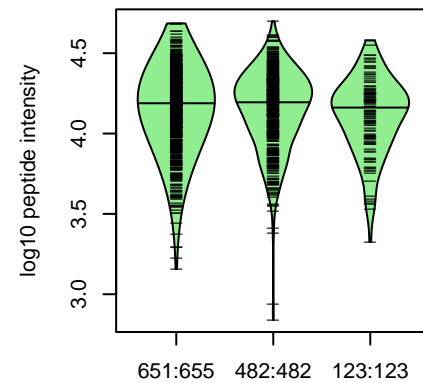
12:70990054:T:C_C
p = 0.042, beta = -0.0861, N = 1258

SALCLAISNSSR pc2
F8VSD5;F8VU56;P23467-3



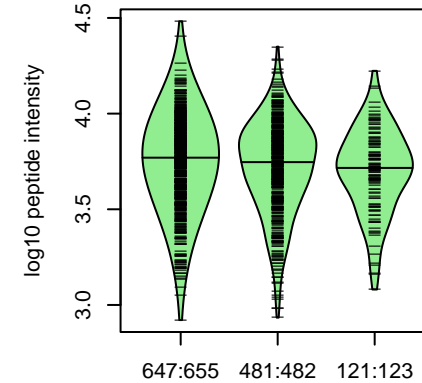
12:70990054:T:C_C
p = 0.37, beta = -0.0383, N = 1257

TVPLAVLQLR pc2
8VSD5;F8VU56;P23467;P23467-3;P235;F8VU56;P23467;P23467-2;P23467-3



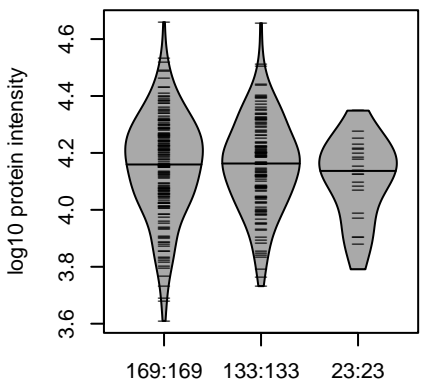
12:70990054:T:C_C
p = 0.11, beta = -0.0673, N = 1256

YMATVTSISGDLK pc2
5;F8VU56;P23467;P23467-2;P23467-3



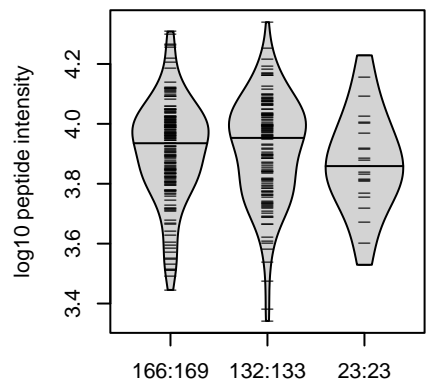
12:70990054:T:C_C
p = 0.019, beta = -0.0997, N = 1249

PTPRB : NP4
P23467-3



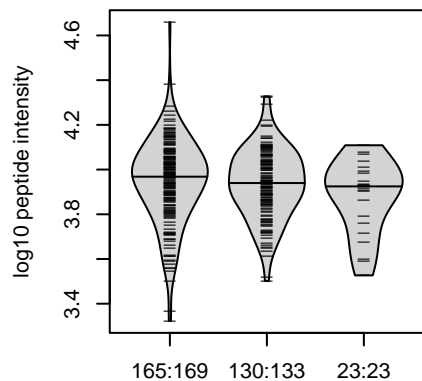
12:70990054:T:C_C
p = 0.56, beta = -0.0507, N = 325

SALCLAISNSSR pc2
F8VSD5;F8VU56;P23467-3



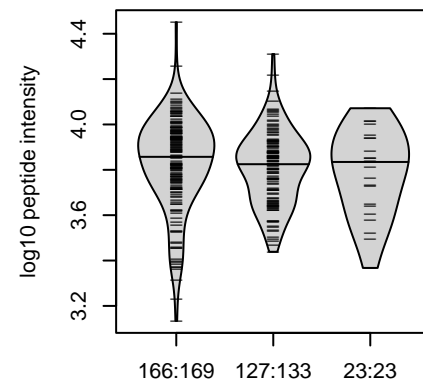
12:70990054:T:C_C
p = 0.75, beta = -0.0277, N = 321

YNIATAVSGGK pc2
5;F8VU56;P23467;P23467-2;P23467-5;F8VU56;P23467;P23467-2;P23467-5;F8VU56;P23467;P23467-2;P23467-5



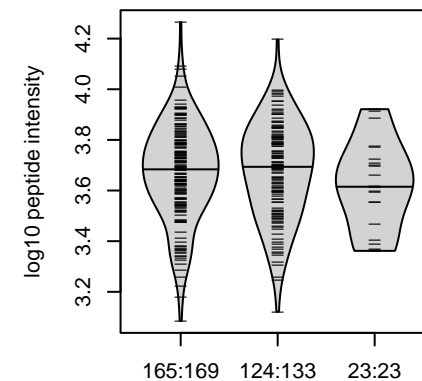
12:70990054:T:C_C
p = 0.12, beta = -0.138, N = 318

TVVLQTDPLPPAR pc2
5;F8VU56;P23467;P23467-2;P23467-5;F8VU56;P23467;P23467-2;P23467-5



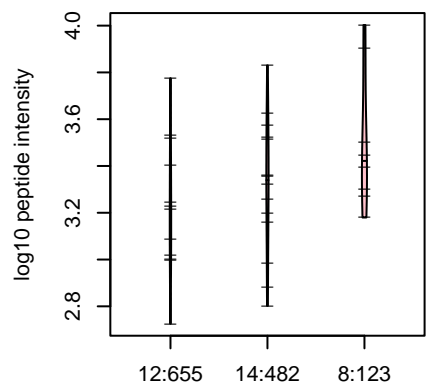
12:70990054:T:C_C
p = 0.15, beta = -0.129, N = 316

YIISLADRDLIIHK pc3
5;F8VU56;P23467;P23467-2;P23467-3



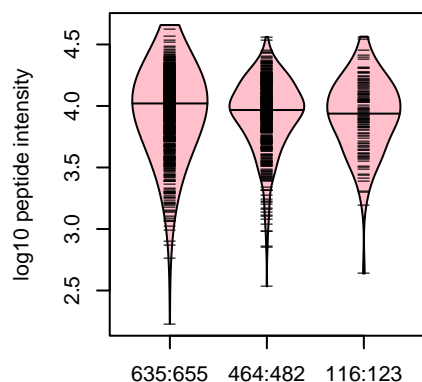
12:70990054:T:C_C
p = 0.51, beta = -0.059, N = 312

TIQNQQWMWTENEK pc2
rs2584021 ALT



12:70990054:T:C_C
p = 0.013, model = DOM, N = 34

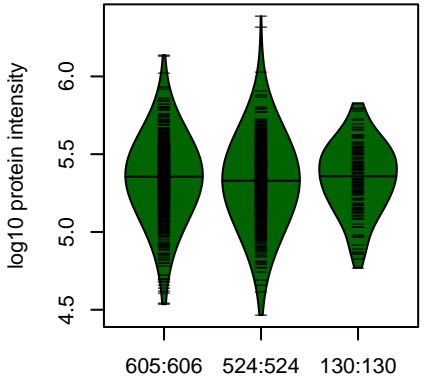
TIQNQQWMWTEDEK pc2
rs2584021 REF



12:70990054:T:C_C
p = 0.2, model = DOM, N = 1215

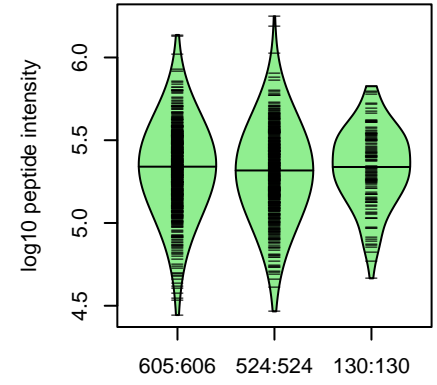
Assay Target: PTPRB
Olink UniProt: P23467
UKB rsID: rs2465811
Proxy rsID: rs2465811
UKB SNP: 12:70990054:T:C
Proxy SNP: 12:70990054:T:C
UKB log10(p): 658.4
UKB BETA: -0.354
-----*-----
1258:1257:1256:1249:1245:124

**TFPI : NP4
P10646**



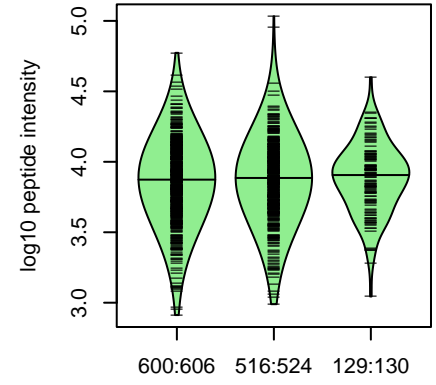
2:188343781:G:A_A
p = 0.56, beta = -0.0248, N = 1259

**IAYEEIFVK pc2
P10646**



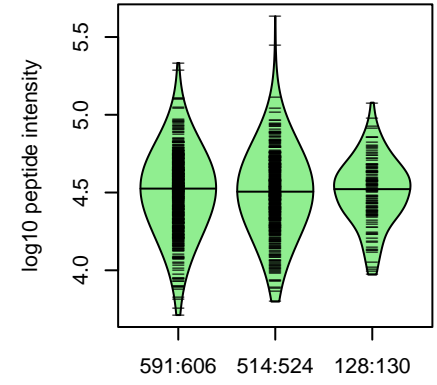
2:188343781:G:A_A
p = 0.61, beta = -0.0215, N = 1259

**YSGCGNENNFTSK pc2
P10646**



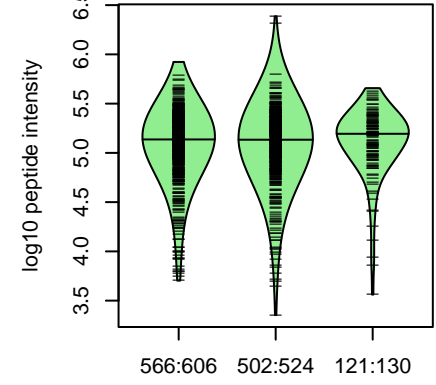
2:188343781:G:A_A
p = 0.67, beta = 0.0183, N = 1245

**FESLEECK pc2
P10646;P10646-2**



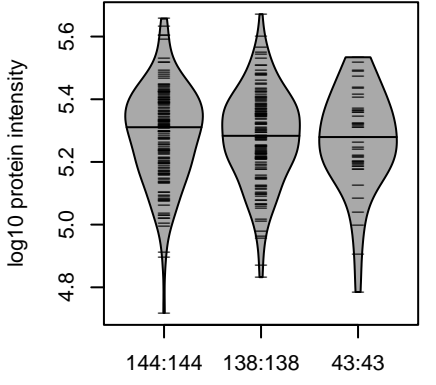
2:188343781:G:A_A
p = 0.95, beta = -0.00277, N = 1233

**FYYNSVIGK pc2
P10646**



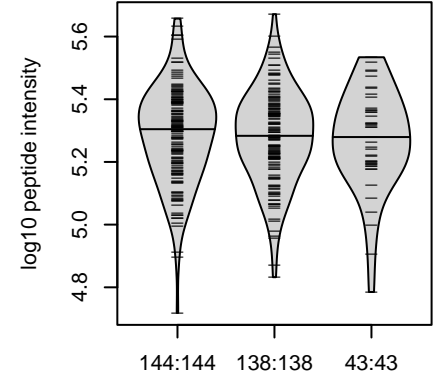
2:188343781:G:A_A
p = 0.64, beta = 0.0206, N = 1189

**TFPI : NP4
P10646**



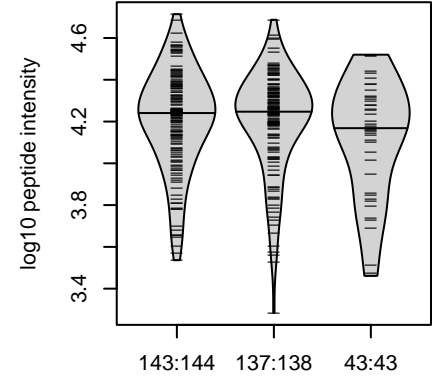
2:188343781:G:A_A
p = 0.61, beta = -0.0399, N = 325

**IAYEEIFVK pc2
P10646**



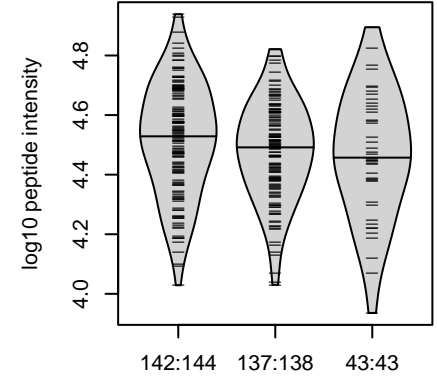
2:188343781:G:A_A
p = 0.69, beta = -0.0318, N = 325

**PDFCFLEEDPGICR pc2
P10646;P10646-2**



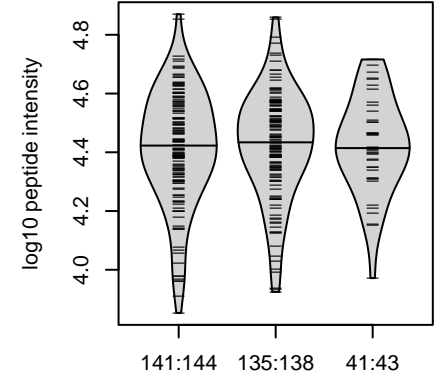
2:188343781:G:A_A
p = 0.16, beta = -0.111, N = 323

**FESLEECK pc2
P10646;P10646-2**



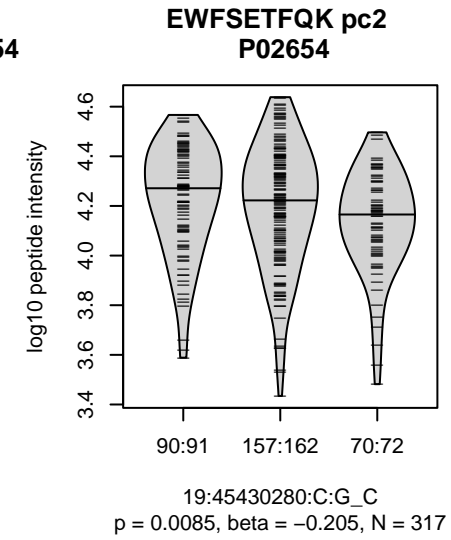
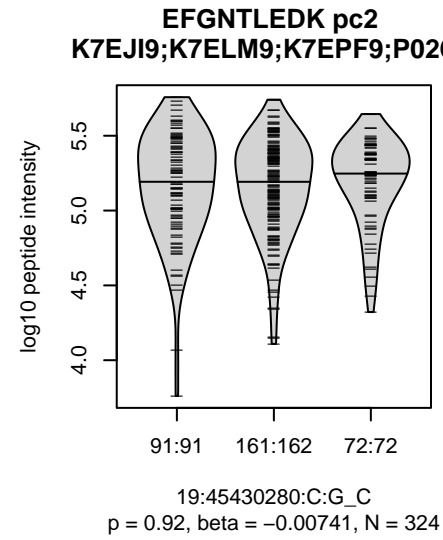
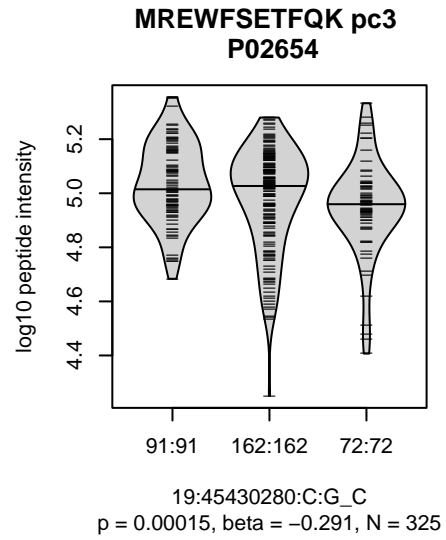
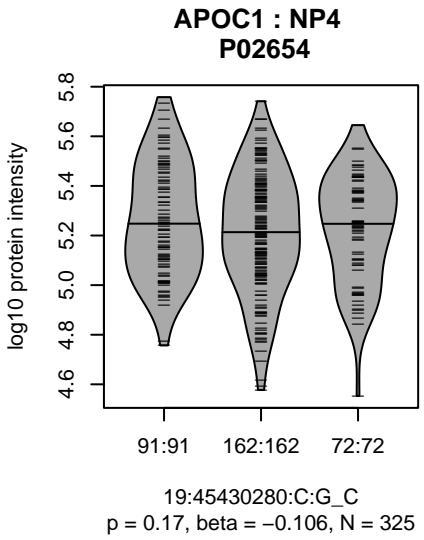
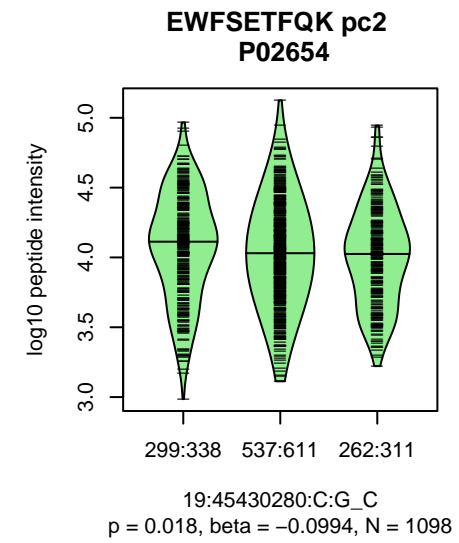
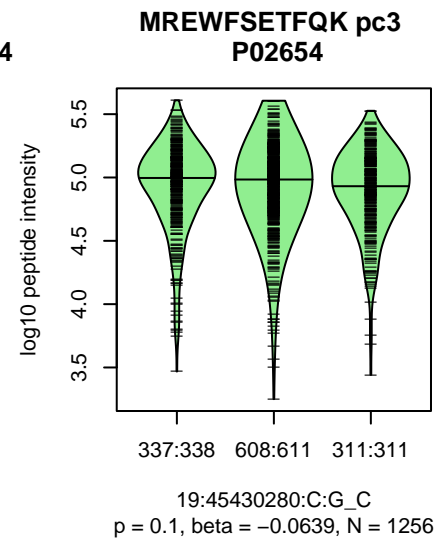
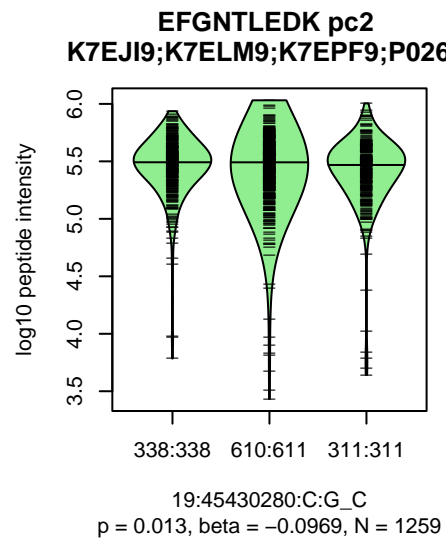
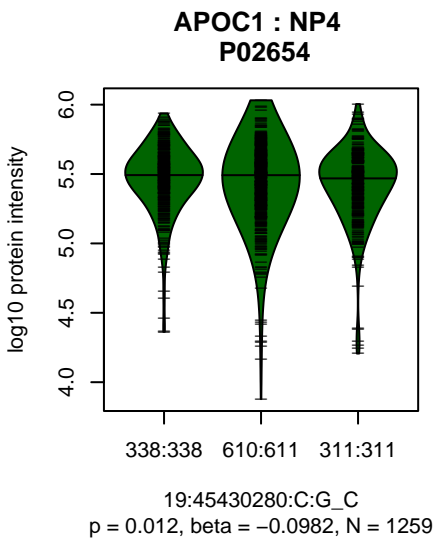
2:188343781:G:A_A
p = 0.066, beta = -0.146, N = 322

**YSGCGNENNFTSK pc2
P10646**



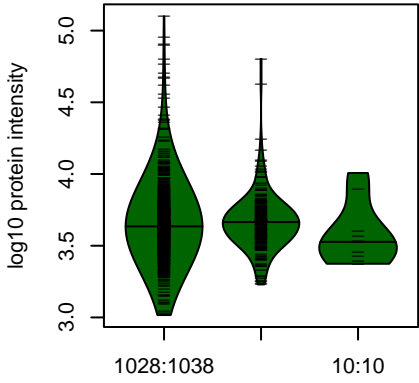
2:188343781:G:A_A
p = 0.72, beta = 0.0289, N = 317

Assay Target: TFPI
Olink UniProt: P10646
UKB rsID: rs7576066
Proxy rsID: rs7576066
UKB SNP: 2:188343781:G:A
Proxy SNP: 2:188343781:G:A
UKB log10(p): 643.7
UKB BETA: 0.35
-----NA
1259:1245:1233:1189:1173:107



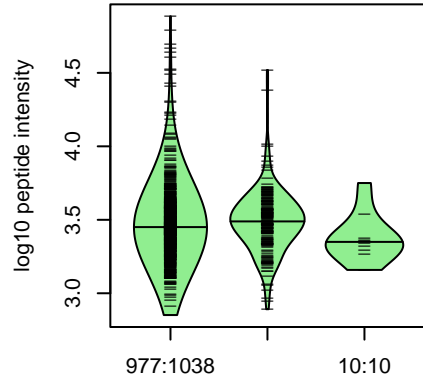
Assay Target: APOC1
 Olink UniProt: P02654
 UKB rsID: rs5112
 Proxy rsID: rs5112
 UKB SNP: 19:45430280:C:G
 Proxy SNP: 19:45430280:C:G
 UKB log₁₀(p): 624.8
 UKB BETA: 0.333
 -: -: -: :NA:NA:NA:NA
 1259:1256:1143:1098:6:7:4:10

**GPC1 : NP2
P35052**



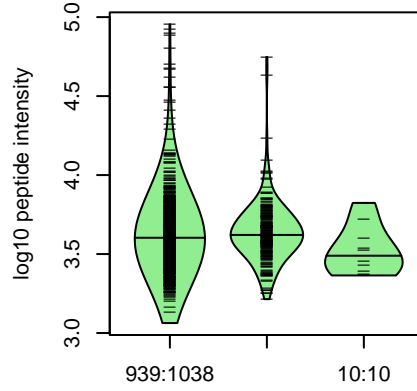
2:241405864:C:T_T
p = 0.7, beta = 0.0263, N = 1247

**SFVQQLGVASDVVR pc2
H7C410;P35052**



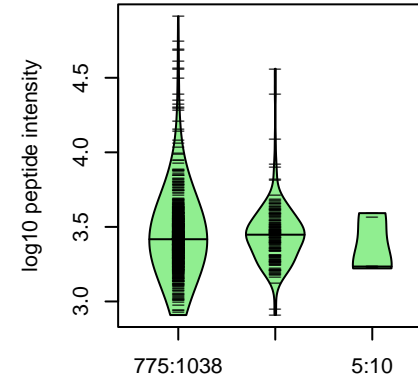
2:241405864:C:T_T
p = 0.44, beta = 0.0546, N = 1190

**GFSLSDVPQAEISGEHLR pc3
P35052**



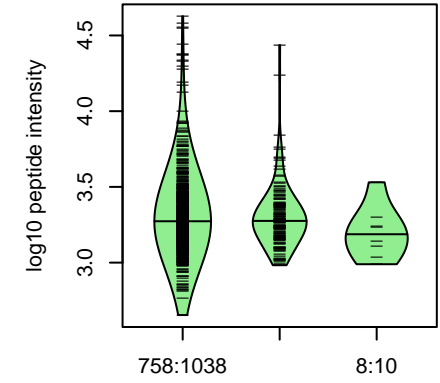
2:241405864:C:T_T
p = 0.51, beta = 0.0466, N = 1147

**MALSTASDDR pc2
H7C410;P35052**



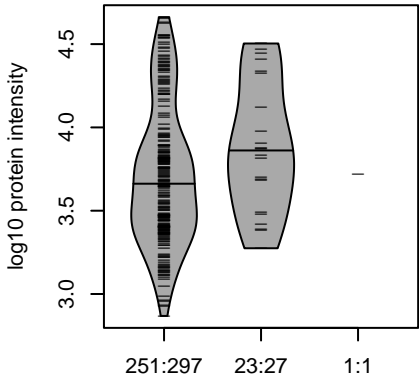
2:241405864:C:T_T
p = 0.62, beta = 0.0404, N = 940

**VLQAMLATQLR pc2
H7C410;P35052**



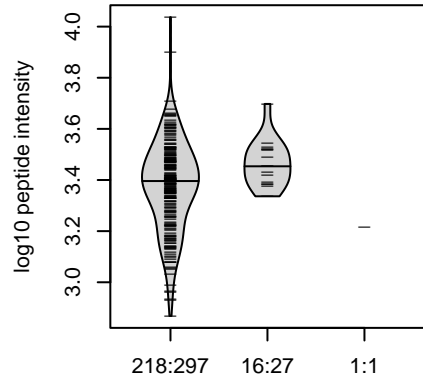
2:241405864:C:T_T
p = 0.51, beta = -0.0541, N = 913

**GPC1 : NP2
P35052**



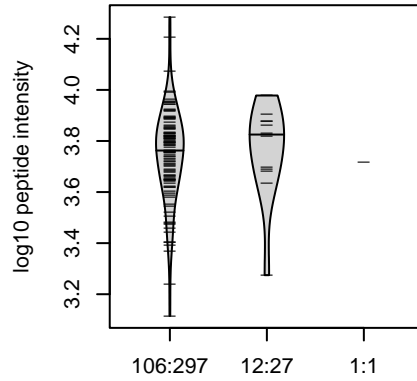
2:241405864:C:T_T
p = 0.054, beta = 0.382, N = 275

**SFVQQLGVASDVVR pc2
H7C410;P35052**



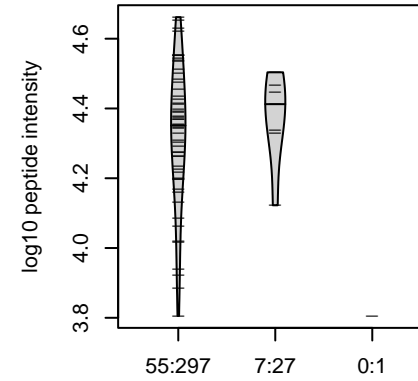
2:241405864:C:T_T
p = 0.25, beta = 0.261, N = 235

**GFSLSDVPQAEISGEHLR pc3
P35052**



2:241405864:C:T_T
p = 0.38, beta = 0.224, N = 119

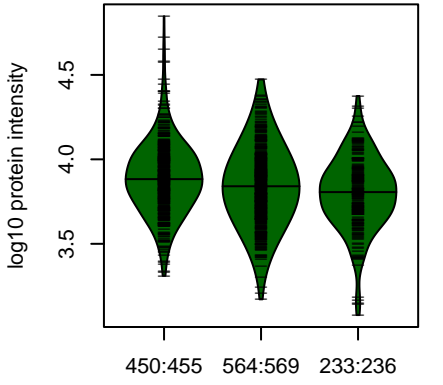
**VAQVPLGPECSR pc2
H7C410;P35052**



2:241405864:C:T_T
p = 0.93, beta = 0.0354, N = 62

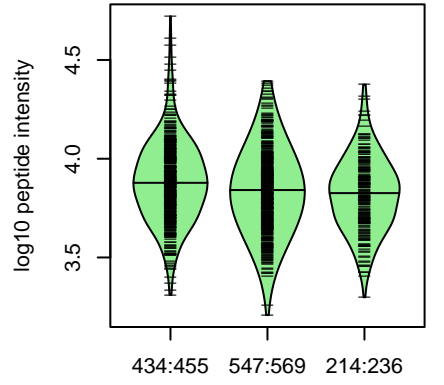
Assay Target: GPC1
Olink UniProt: P35052
UKB rsID: rs11892254
Proxy rsID: rs11892254
UKB SNP: 2:241405864:C:T
Proxy SNP: 2:241405864:C:T
UKB log10(p): 624.6
UKB BETA: 0.5
-----NA:NA
1190:1147:940:913:582:472:319

**GLO1 : NP2
Q04760**



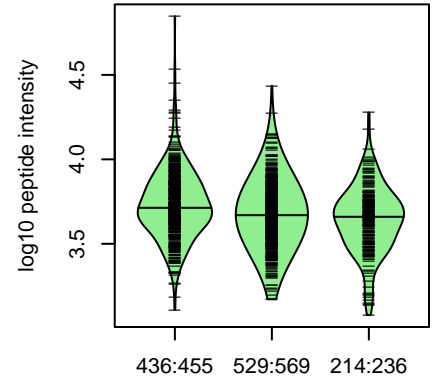
6:38650628:T:G_G
p = 4.6e-07, beta = -0.197, N = 1247

**DFLQQTMLR pc2
Q04760**



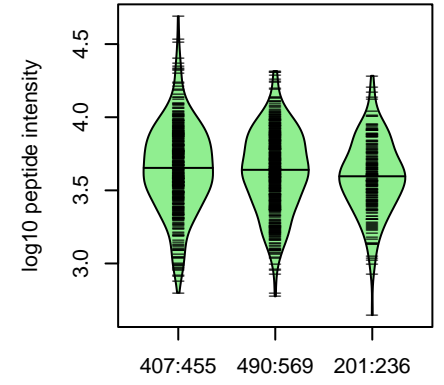
6:38650628:T:G_G
p = 7.8e-05, beta = -0.159, N = 1195

**VLGMTLIQK pc2
Q04760**



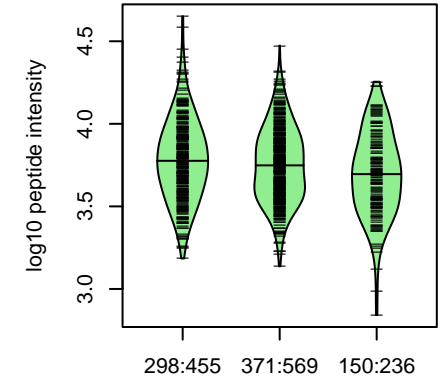
6:38650628:T:G_G
p = 2.9e-08, beta = -0.223, N = 1179

**GFGHIGIAPDVYSACK pc3
Q04760**



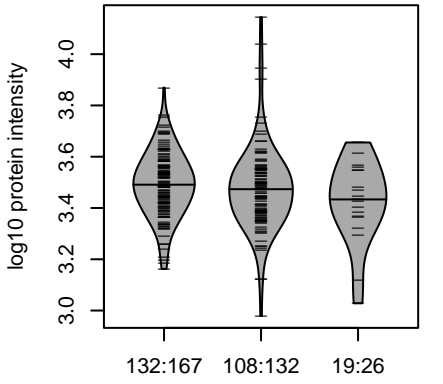
6:38650628:T:G_G
p = 0.012, beta = -0.104, N = 1098

**IAWALSR pc2
Q04760**



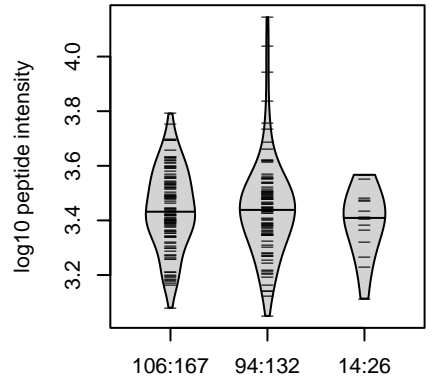
6:38650628:T:G_G
p = 0.00034, beta = -0.173, N = 819

**GLO1 : NP2
Q04760**



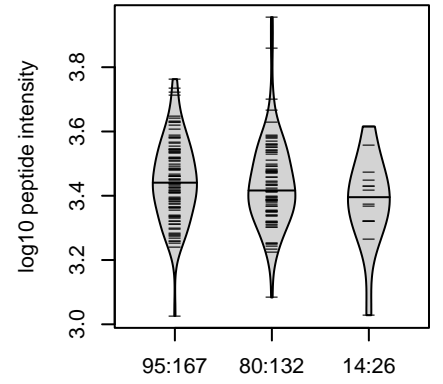
6:38650628:T:G_G
p = 0.045, beta = -0.196, N = 259

**GFGHIGIAPDVYSACK pc3
Q04760**



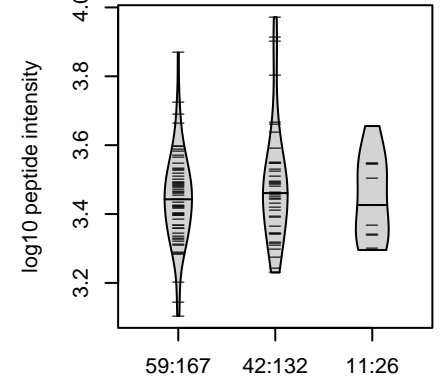
6:38650628:T:G_G
p = 0.32, beta = -0.108, N = 214

**DFLLQQTMLR pc2
Q04760**



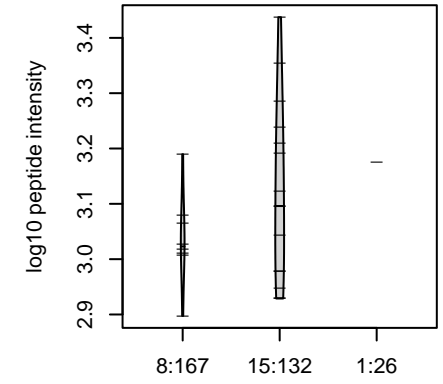
6:38650628:T:G_G
p = 0.27, beta = -0.126, N = 189

**VLGMTLIQK pc2
Q04760**



6:38650628:T:G_G
p = 0.95, beta = 0.00908, N = 112

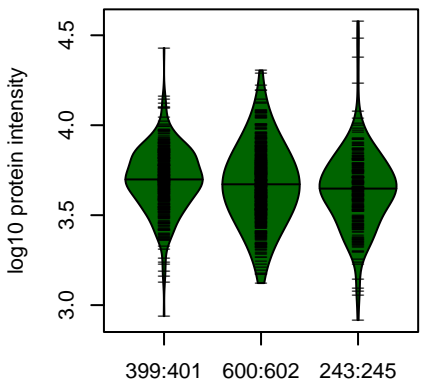
**FSLYFLAYEDK pc2
Q04760**



6:38650628:T:G_G
p = 0.11, beta = 0.55, N = 24

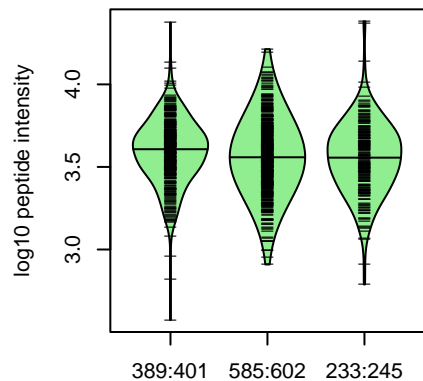
Assay Target: GLO1
Olink UniProt: Q04760
UKB rsID: rs4746
Proxy rsID: rs4746
UKB SNP: 6:38650628:T:G
Proxy SNP: 6:38650628:T:G
UKB log10(p): 616.9
UKB BETA: -0.326
.-.*-.*-.*-.*-
1195:1179:1098:819:650:199:18

**PCDH12 : NP2
Q9NPG4**



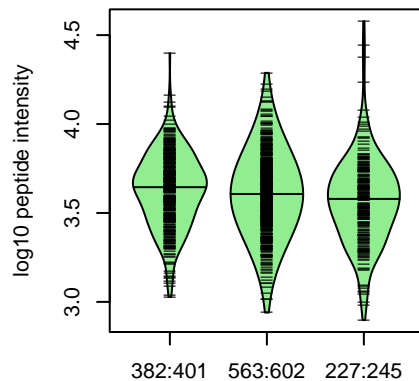
5:141336264:G:T_G
p = 1e-04, beta = -0.154, N = 1242

**YQVSEEVPSGTIVIGK pc2
Q9NPG4**



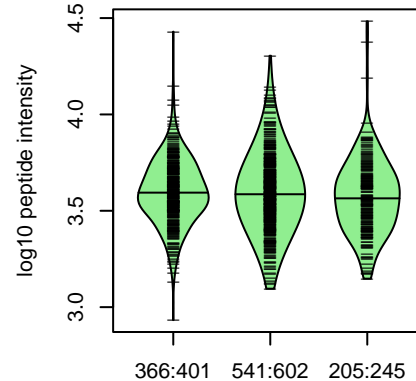
5:141336264:G:T_G
p = 0.015, beta = -0.0983, N = 1207

**ENNLPSSLHLITIK pc3
Q9NPG4**



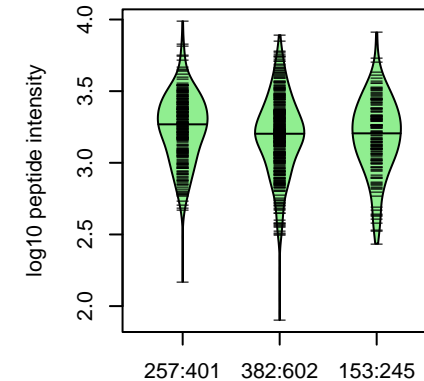
5:141336264:G:T_G
p = 4e-04, beta = -0.145, N = 1172

**NPAYEVDVQAR pc2
Q9NPG4**



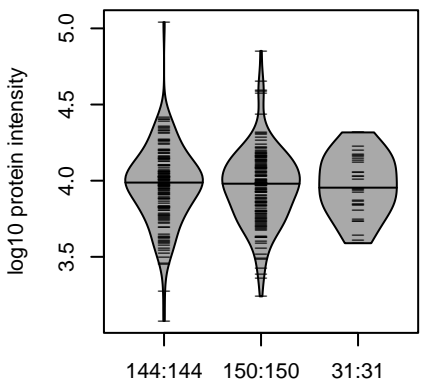
5:141336264:G:T_G
p = 0.053, beta = -0.0821, N = 1112

**YTLTLLAQDQGLQPLSAK pc2
Q9NPG4**



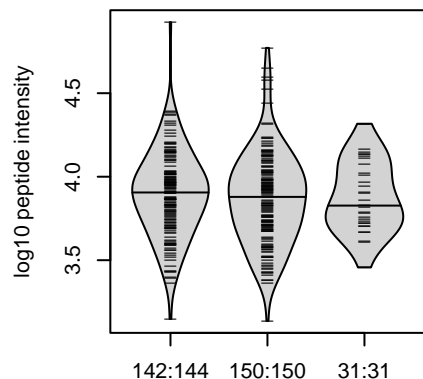
5:141336264:G:T_G
p = 0.02, beta = -0.116, N = 792

**PCDH12 : NP2
Q9NPG4**



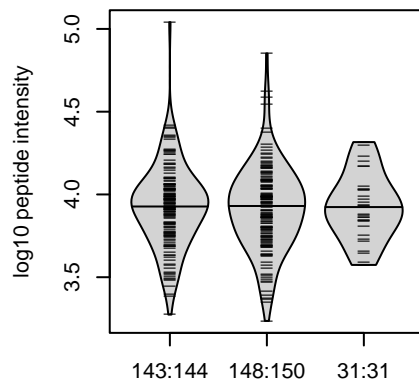
5:141336264:G:T_G
p = 0.61, beta = -0.0428, N = 325

**ENNLPSSLHLITIK pc3
Q9NPG4**



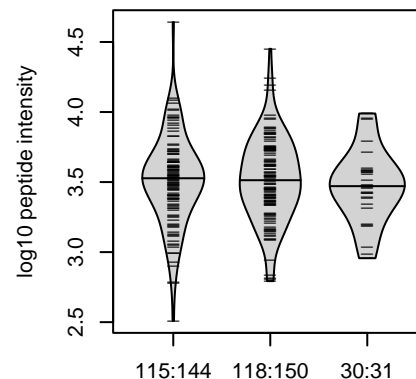
5:141336264:G:T_G
p = 0.37, beta = -0.0766, N = 323

**YQVSEEVPSGTIVIGK pc2
Q9NPG4**



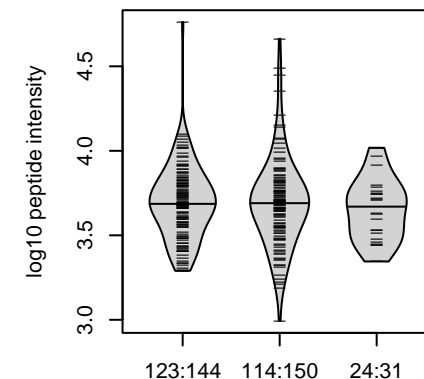
5:141336264:G:T_G
p = 0.63, beta = -0.0404, N = 322

**YTLTLLAQDQGLQPLSAK pc2
Q9NPG4**



5:141336264:G:T_G
p = 0.55, beta = -0.0541, N = 263

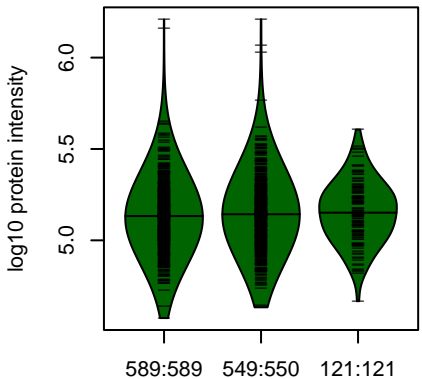
**NPAYEVDVQAR pc2
Q9NPG4**



5:141336264:G:T_G
p = 0.48, beta = -0.0662, N = 261

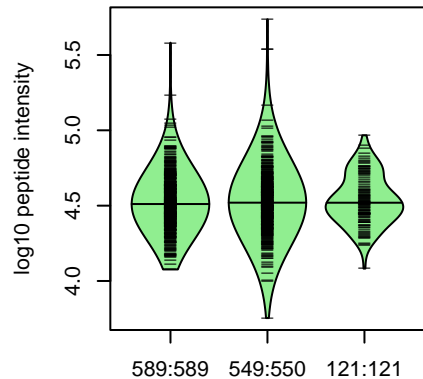
Assay Target: PCDH12
Olink UniProt: Q9NPG4
UKB rsID: rs164075
Proxy rsID: rs164075
UKB SNP: 5:141336264:G:T
Proxy SNP: 5:141336264:G:T
UKB log10(p): 600.4
UKB BETA: 0.325
- - * - - - * - - - -
1207:1172:1112:792:756:687:687

**TF : NP4
P02787**



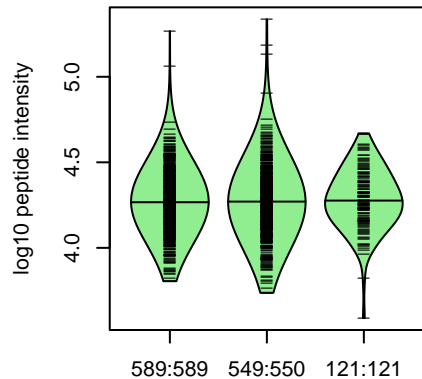
3:133479230:A:G_G
p = 0.078, beta = 0.0759, N = 1259

**CSTSSLLEACTFR pc2
P02787**



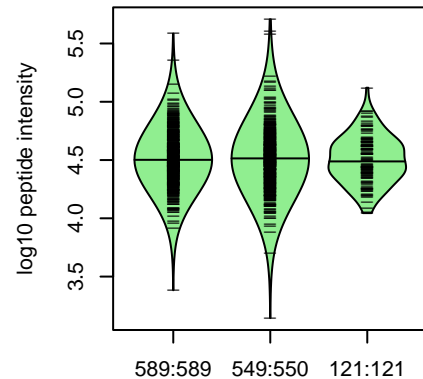
3:133479230:A:G_G
p = 0.28, beta = 0.0465, N = 1259

**DCHLAQVPSHTVVAR pc3
P02787**



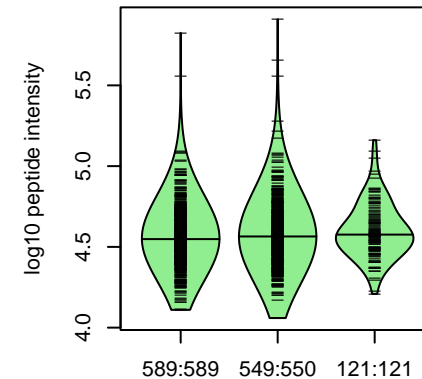
3:133479230:A:G_G
p = 0.48, beta = 0.0302, N = 1259

**DLLFRDDTVCLAK pc3
P02787**



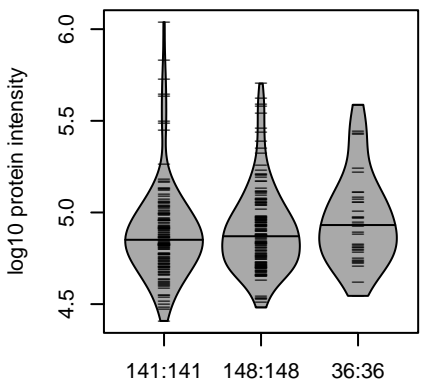
3:133479230:A:G_G
p = 1, beta = 4.76e-05, N = 1259

**DSGFQMNQLR pc2
P02787**



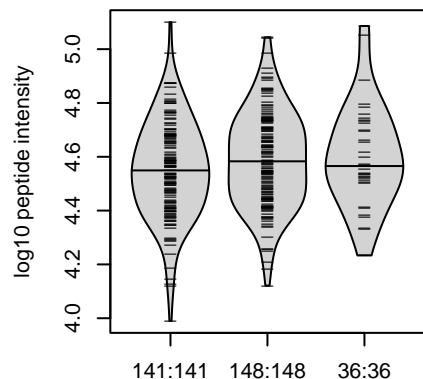
3:133479230:A:G_G
p = 0.022, beta = 0.0987, N = 1259

**TF : NP4
P02787**



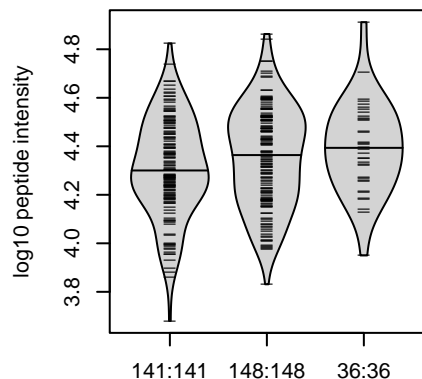
3:133479230:A:G_G
p = 0.58, beta = 0.0453, N = 325

**CSTSSLLEACTFR pc2
P02787**



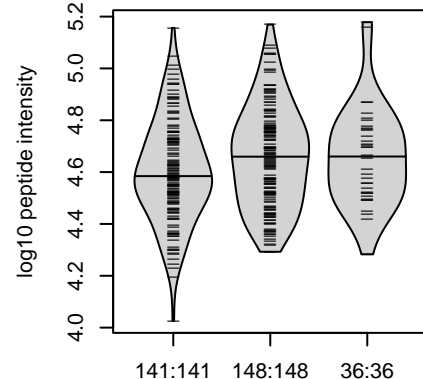
3:133479230:A:G_G
p = 0.25, beta = 0.0956, N = 325

**DCHLAQVPSHTVVAR pc3
P02787**



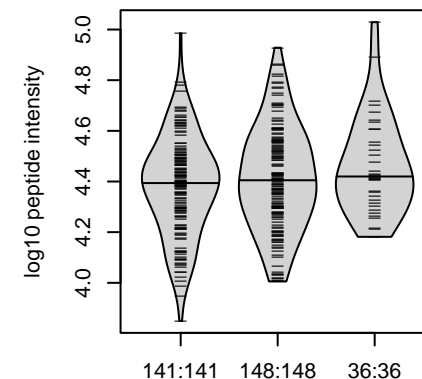
3:133479230:A:G_G
p = 0.046, beta = 0.164, N = 325

**EFQLFSSPHGK pc2
P02787**



3:133479230:A:G_G
p = 0.1, beta = 0.135, N = 325

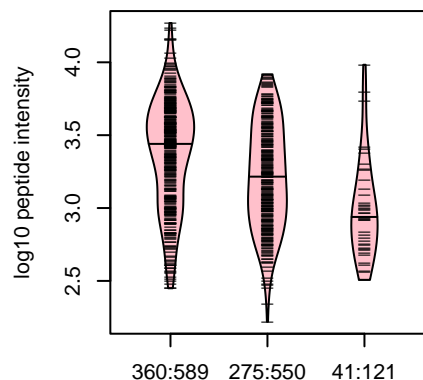
**FDEFFSEGCAPGSK pc2
P02787**



3:133479230:A:G_G
p = 0.066, beta = 0.151, N = 325

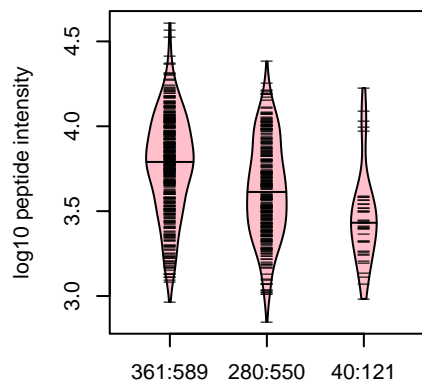
Assay Target: TF
Olink UniProt: P02787
UKB rsID: rs8177245
Proxy rsID: rs8177245
UKB SNP: 3:133479230:A:G
Proxy SNP: 3:133479230:A:G
UKB log10(p): 570.5
UKB BETA: 0.329
-----*-----
1259:1259:1259:1259:1259:125

**SVEEYANCHLAR pc2
rs1049296 ALT**



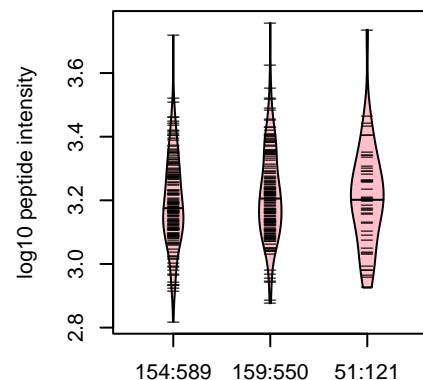
3:133479230:A:G_G
p = 6.3e-07, model = REC, N = 676

**SVEEYANCHLAR pc3
rs1049296 ALT**



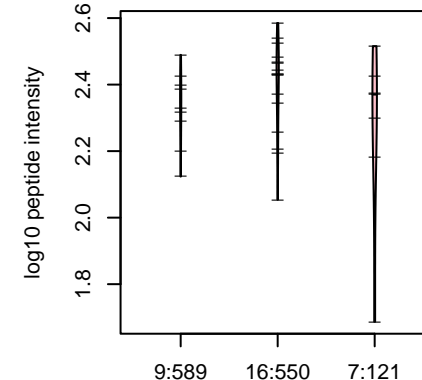
3:133479230:A:G_G
p = 1.2e-06, model = DOM, N = 681

**PVEEYANCHLAR pc3
rs1049296 REF**

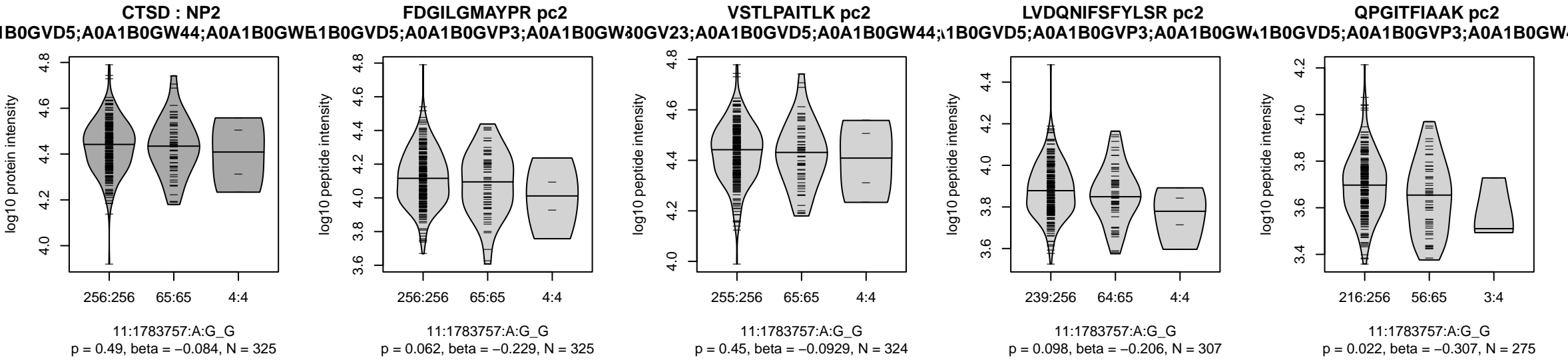
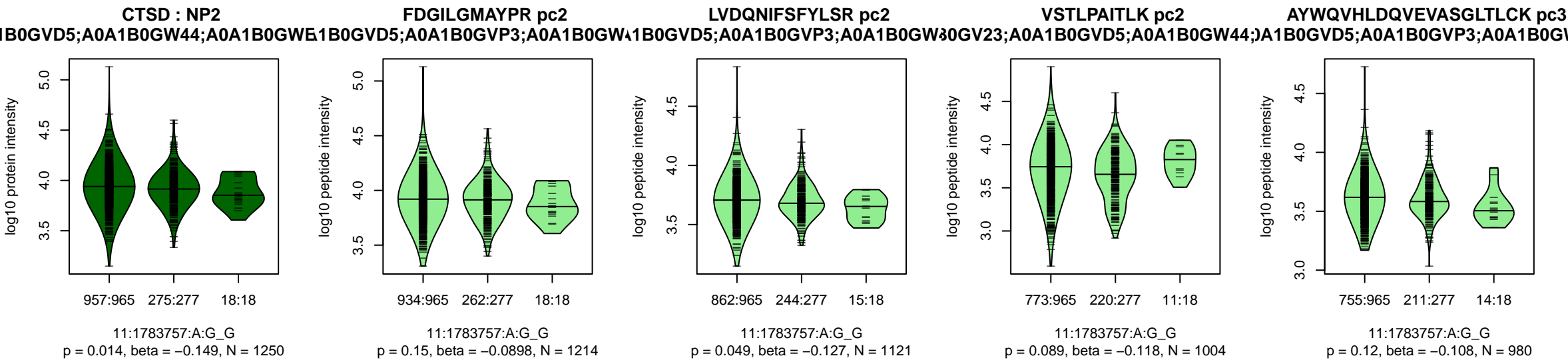


3:133479230:A:G_G
p = 0.001, model = DOM, N = 364

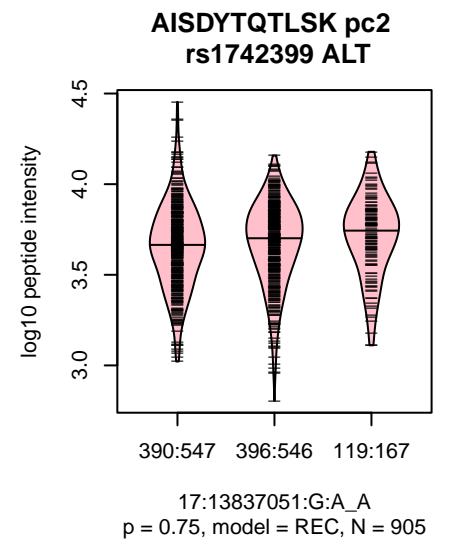
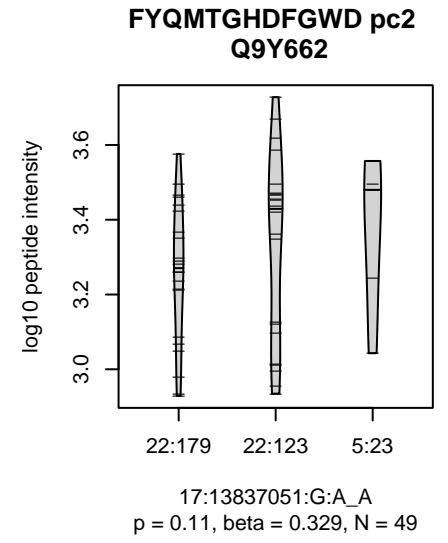
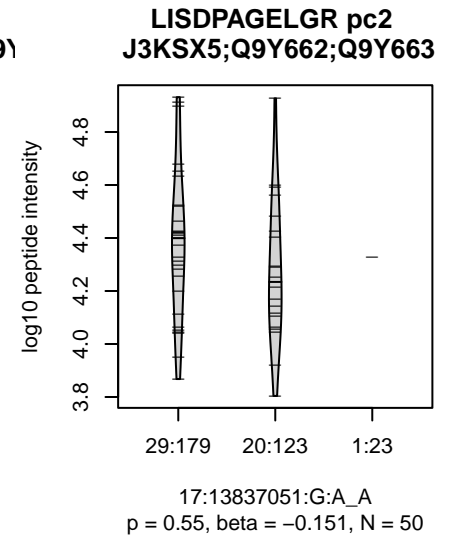
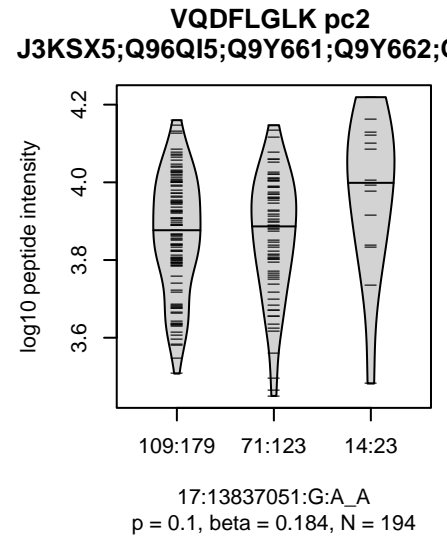
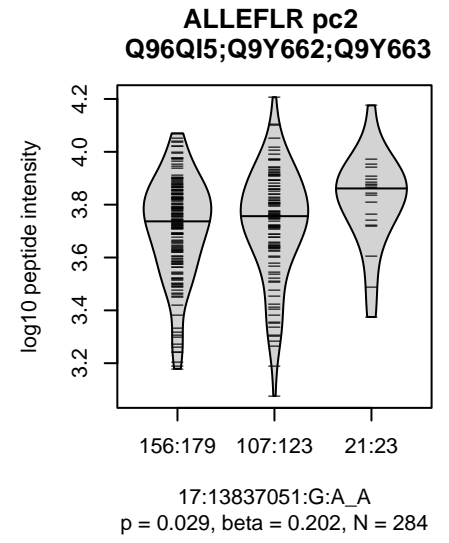
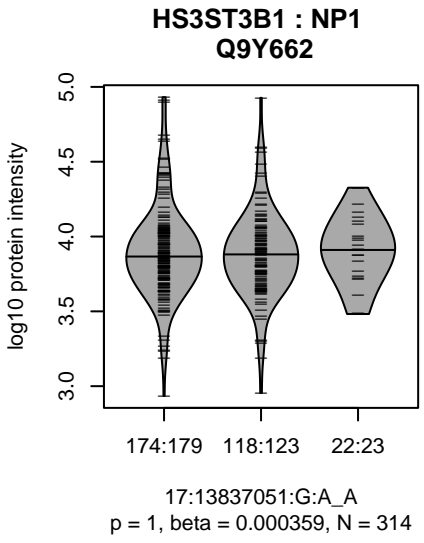
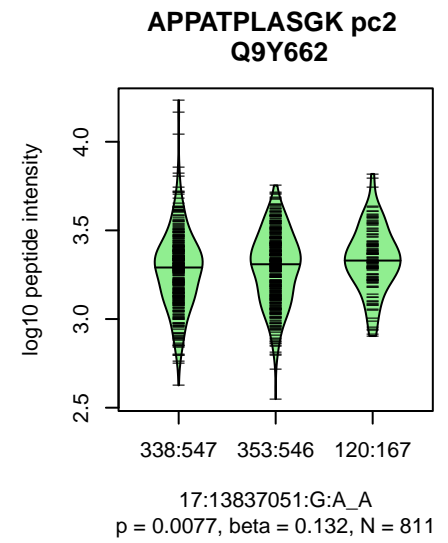
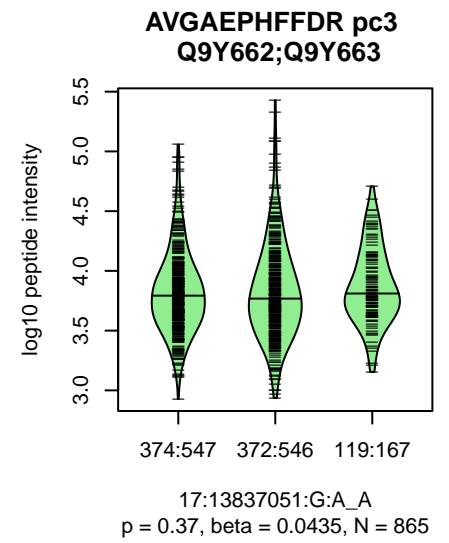
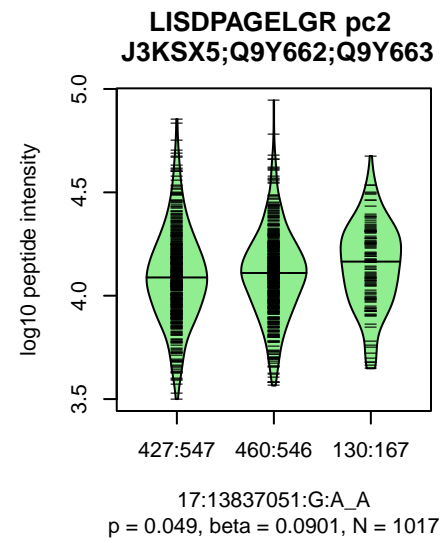
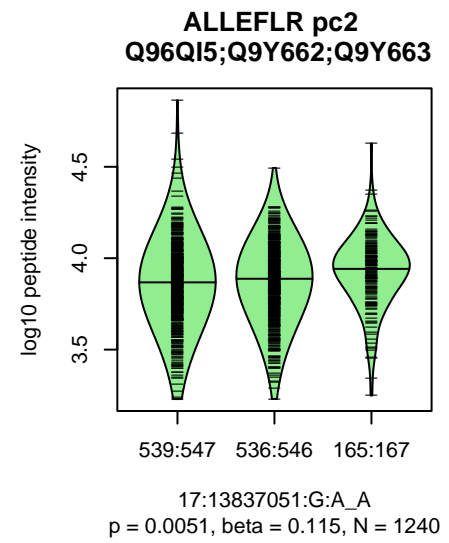
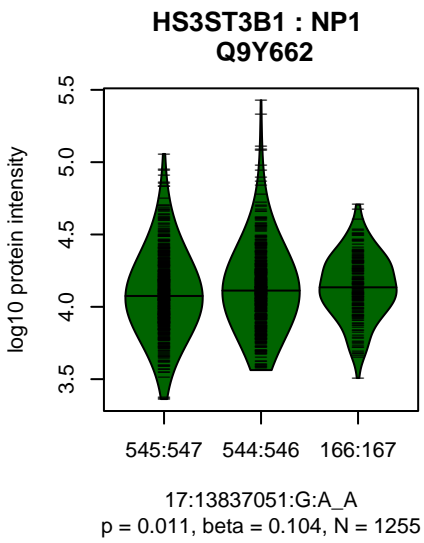
**PVEEYANCHLAR pc2
rs1049296 REF**



3:133479230:A:G_G
p = 0.028, model = DOM, N = 32

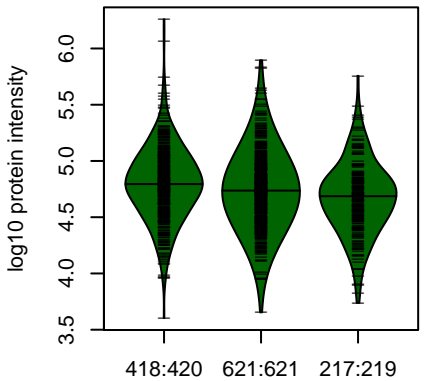


Assay Target: CTSD
 Olink UniProt: P07339
 UKB rsID: rs55861089
 Proxy rsID: rs55861089
 UKB SNP: 11:1783757:A:G
 Proxy SNP: 11:1783757:A:G
 UKB log10(p): 540.3
 UKB BETA: -0.492
 -----NA
 1214:1121:1004:980:964:486:40



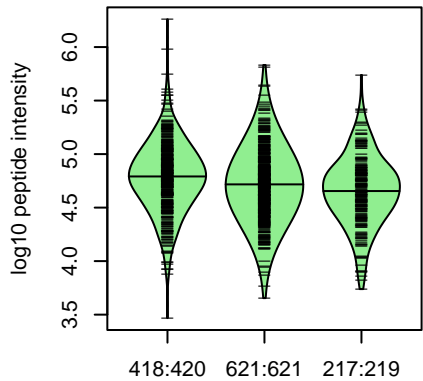
Assay Target: HS3ST3B1
 Olink UniProt: Q9Y662
 UKB rsID: rs17669311
 Proxy rsID: rs17669311
 UKB SNP: 17:13837051:G:A
 Proxy SNP: 17:13837051:G:A
 UKB log10(p): 538.7
 UKB BETA: 0.32
 ------*---*---*---*---*---*
 1240:1017:865:811:784:760:598

**SHBG : NP2
P04278**



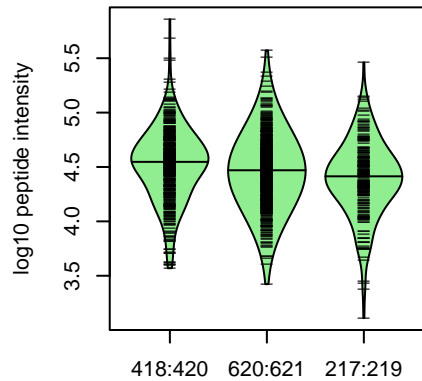
17:7537792:T:C_T
p = 1.7e-08, beta = -0.227, N = 1256

**VVLSQGSK pc2
I3L145;I3L2X4;P04278;P04278-5_L2F1;I3L2X4;I3L4B9;P04278;P04278-2_J1;P04278;P04278-2;P04278-3;P042F1;I3L2X4;I3L4B9;P04278;P04278-2;**



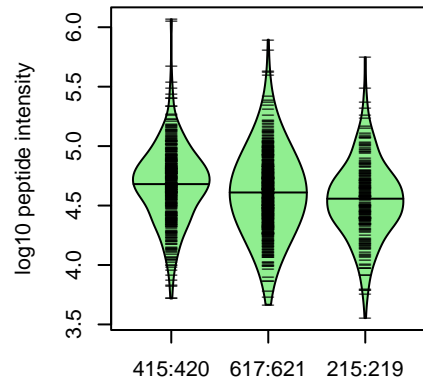
17:7537792:T:C_T
p = 1.4e-08, beta = -0.229, N = 1256

QAEISASAPTSR pc2



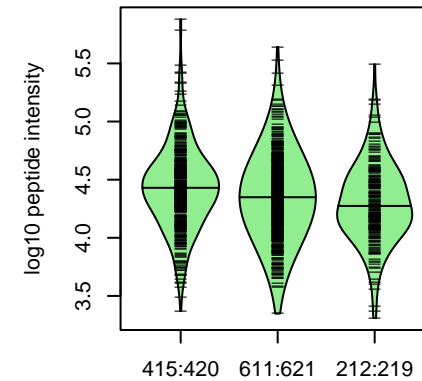
17:7537792:T:C_T
p = 5e-08, beta = -0.22, N = 1255

QVSGPLTSK pc2



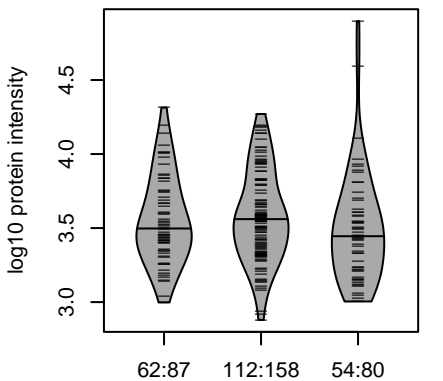
17:7537792:T:C_T
p = 5.8e-09, beta = -0.236, N = 1247

DGRPEIQLHNNHWAQLTVGAGPR pc2



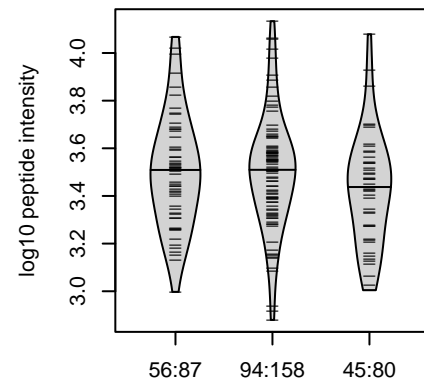
17:7537792:T:C_T
p = 1.4e-07, beta = -0.214, N = 1238

**SHBG : NP2
P04278**



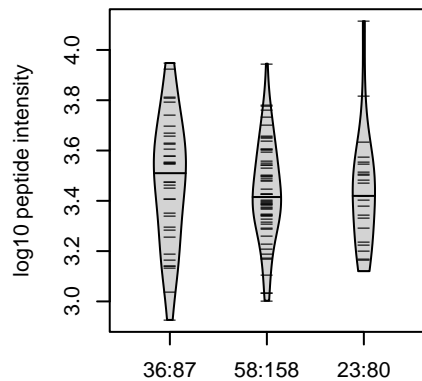
17:7537792:T:C_T
p = 0.33, beta = -0.0891, N = 228

QAEISASAPTSR pc2



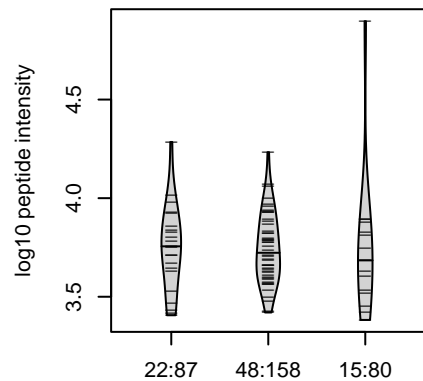
17:7537792:T:C_T
p = 0.22, beta = -0.121, N = 195

DGRPEIQLHNNHWAQLTVGAGPR pc2



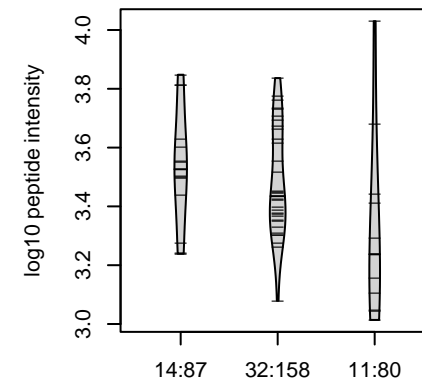
17:7537792:T:C_T
p = 0.33, beta = -0.126, N = 117

VVLSQGSK pc2



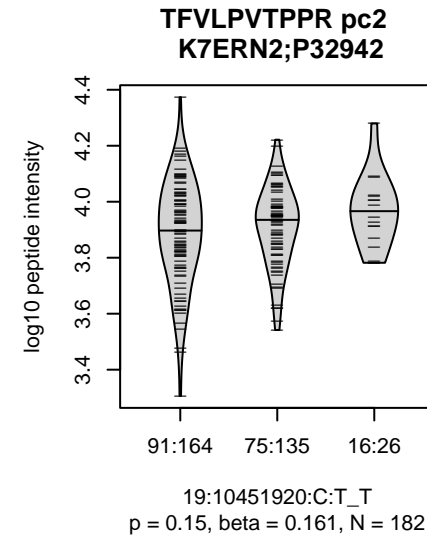
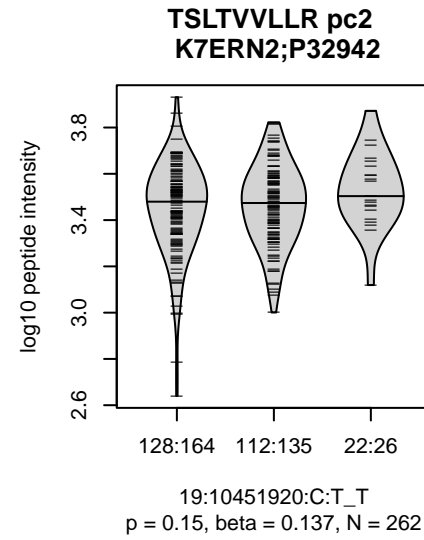
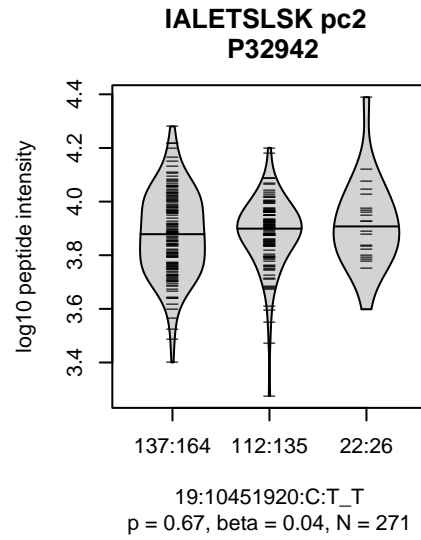
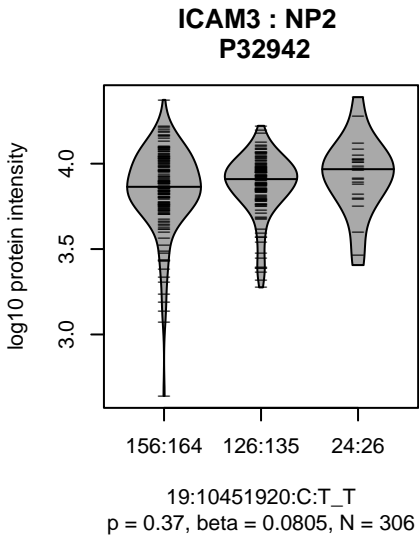
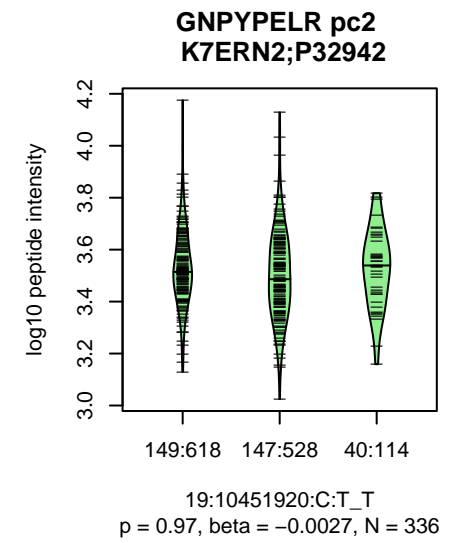
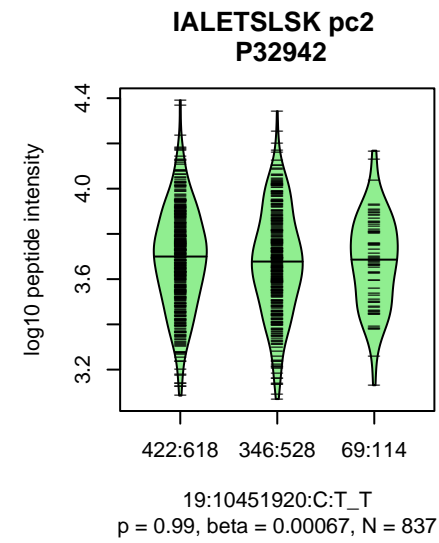
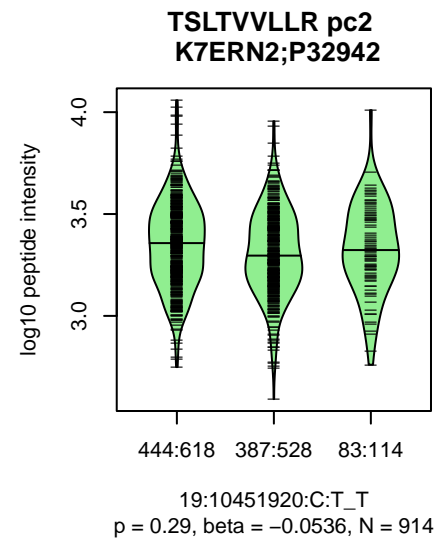
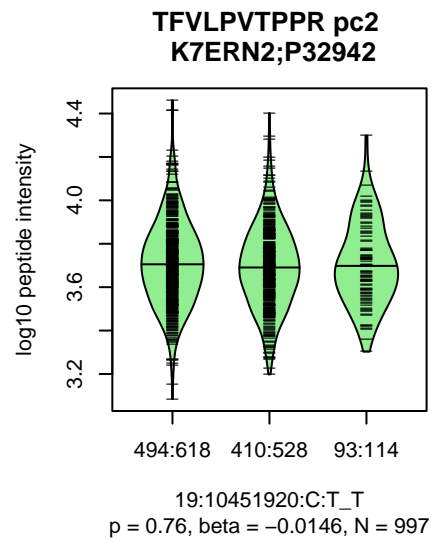
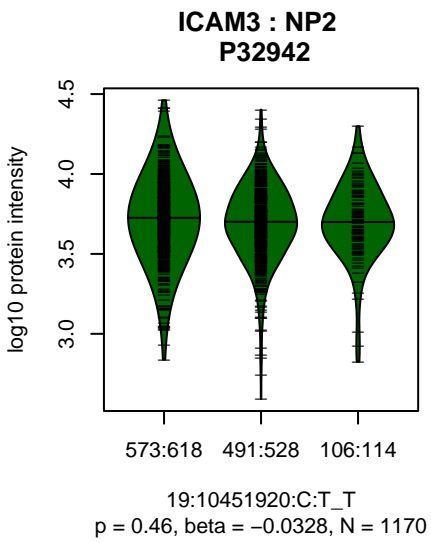
17:7537792:T:C_T
p = 0.94, beta = 0.0111, N = 85

DDWFMLGLR pc2



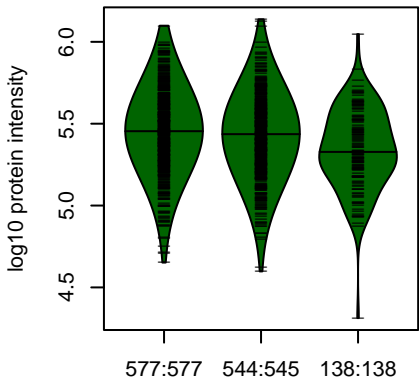
17:7537792:T:C_T
p = 0.011, beta = -0.478, N = 57

Assay Target: SHBG
Olink UniProt: P04278
UKB rsID: rs727428
Proxy rsID: rs727428
UKB SNP: 17:7537792:T:C
Proxy SNP: 17:7537792:T:C
UKB log10(p): 514.8
UKB BETA: 0.272
*****-*-**
1256:1255:1247:1238:1238:123



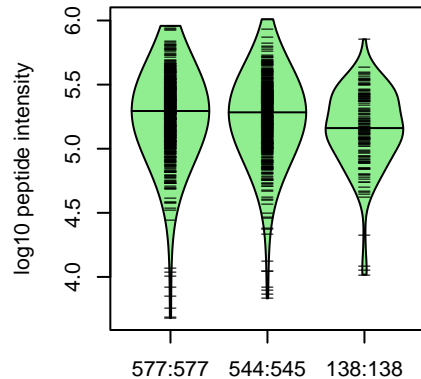
Assay Target: ICAM3
 Olink UniProt: P32942
 UKB rsID: rs61451658
 Proxy rsID: rs61451658
 UKB SNP: 19:10451920:C:T
 Proxy SNP: 19:10451920:C:T
 UKB log10(p): 510
 UKB BETA: 0.309
 - - - - -
 997:914:837:336:144:141:71

**ANGPTL3 : NP4
Q9Y5C1**



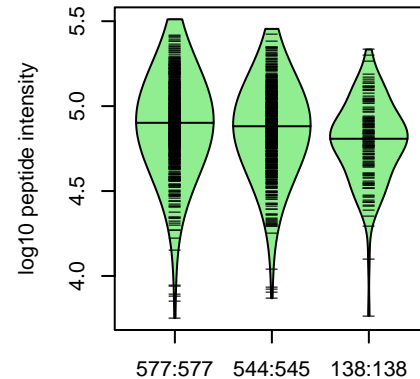
1:63040728:G:T_T
p = 1.8e-05, beta = -0.179, N = 1259

**DLLQTVEDQYK pc2
Q9Y5C1**



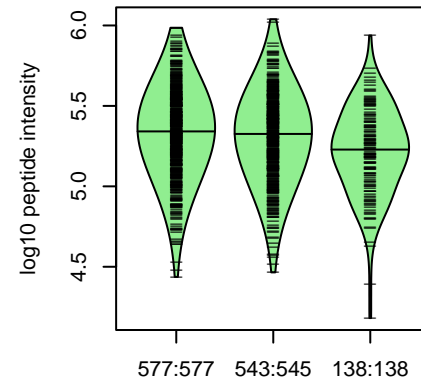
1:63040728:G:T_T
p = 0.00049, beta = -0.146, N = 1259

**MLIHPTDSESEFE pc2
Q9Y5C1**



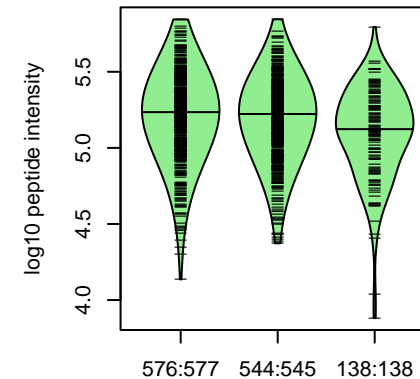
1:63040728:G:T_T
p = 1.8e-05, beta = -0.18, N = 1259

**GQINDIFQK pc2
Q9Y5C1**



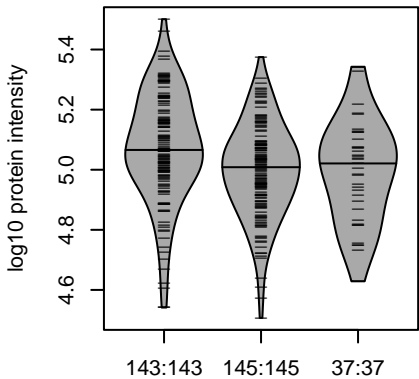
1:63040728:G:T_T
p = 8e-05, beta = -0.165, N = 1258

**ILANGLLQLGHGLK pc3
Q9Y5C1**



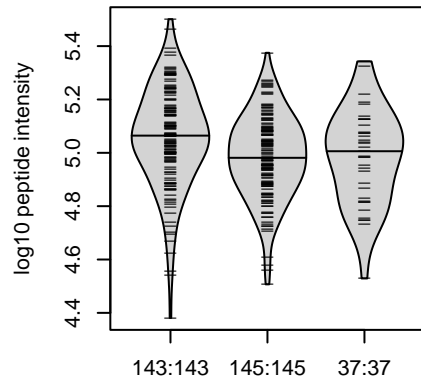
1:63040728:G:T_T
p = 0.00013, beta = -0.161, N = 1258

**ANGPTL3 : NP4
Q9Y5C1**



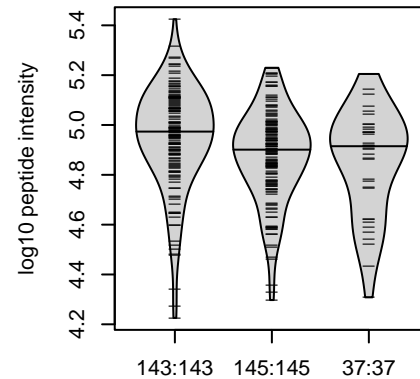
1:63040728:G:T_T
p = 0.0023, beta = -0.248, N = 325

**DLVFSTWDHK pc2
Q9Y5C1**



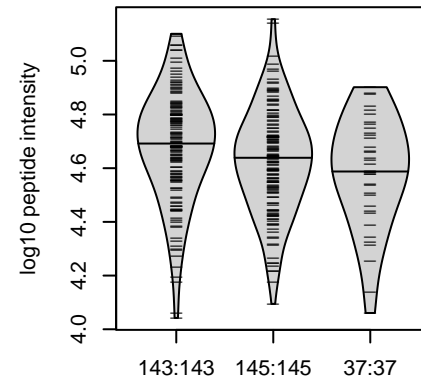
1:63040728:G:T_T
p = 0.0065, beta = -0.222, N = 325

**GQINDIFQK pc2
Q9Y5C1**



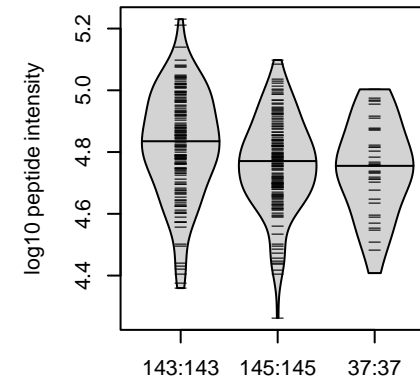
1:63040728:G:T_T
p = 0.0038, beta = -0.236, N = 325

**IELEDWK pc2
Q9Y5C1**



1:63040728:G:T_T
p = 0.035, beta = -0.172, N = 325

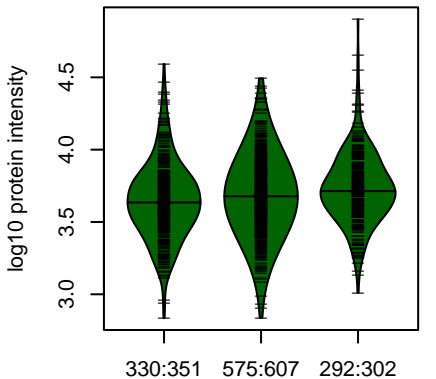
**MLIHPTDSESEFE pc2
Q9Y5C1**



1:63040728:G:T_T
p = 0.0031, beta = -0.241, N = 325

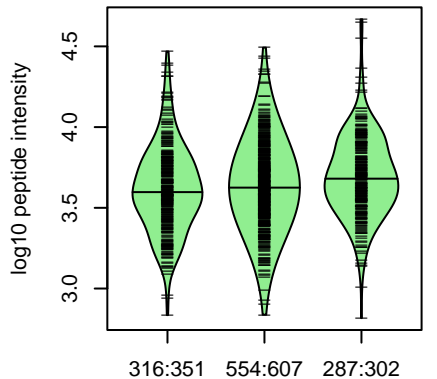
Assay Target: ANGPTL3
Olink UniProt: Q9Y5C1
UKB rsID: rs775677524
Proxy rsID: rs12038768
UKB SNP: 1:63070537:AGTTAA
Proxy SNP: 1:63040728:G:T
UKB log10(p): 500.3
UKB BETA: -0.282
*****_*****
1259:1259:1258:1258:1257:125

**FCER2 : NP2
P06734**



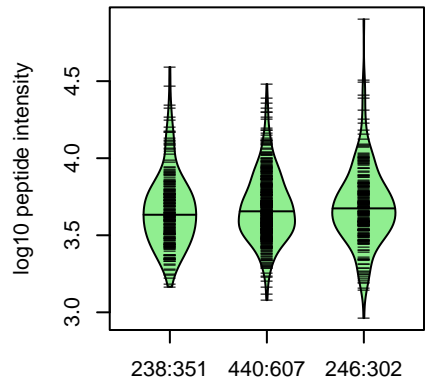
19:7759569:T:C_T
 $p = 2.4e-05$, $\beta = 0.168$, $N = 1197$

**SQGEDCVMMR pc2
K3W4U1;P06734**



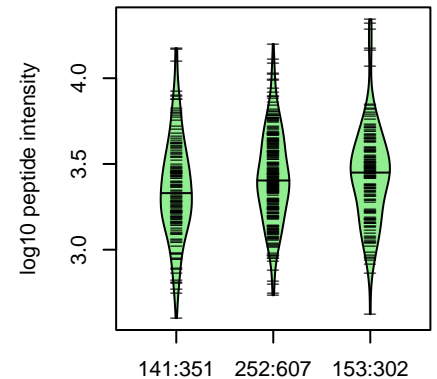
19:7759569:T:C_T
 $p = 0.00021$, $\beta = 0.15$, $N = 1157$

**LGAWVCDR pc2
K3W4U1;P06734**



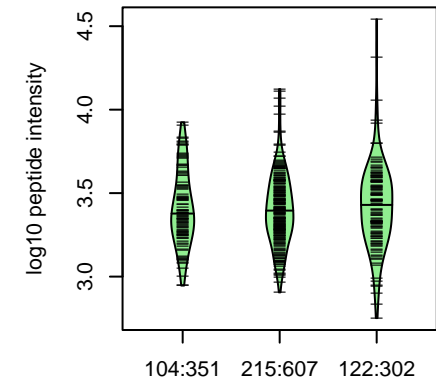
19:7759569:T:C_T
 $p = 0.14$, $\beta = 0.0668$, $N = 924$

**SQSTQISQELEELRAEQQR pc3
K3W4U1;P06734**



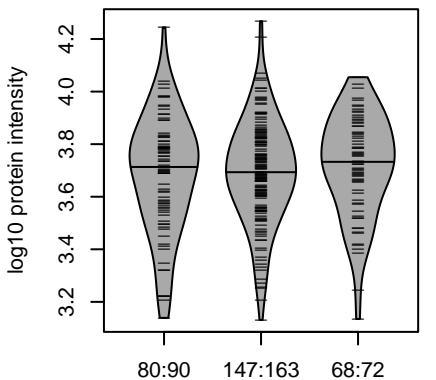
19:7759569:T:C_T
 $p = 0.016$, $\beta = 0.139$, $N = 546$

**HASHTGSWIGLR pc3
K3W4U1;P06734**



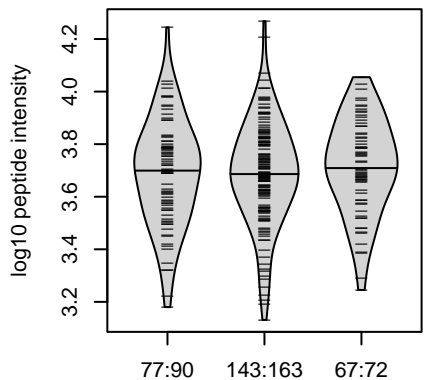
19:7759569:T:C_T
 $p = 0.94$, $\beta = 0.00477$, $N = 441$

**FCER2 : NP2
P06734**



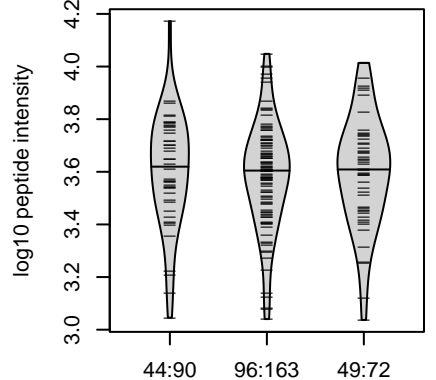
19:7759569:T:C_T
 $p = 0.16$, $\beta = 0.115$, $N = 295$

**LGAWVCDR pc2
K3W4U1;P06734**



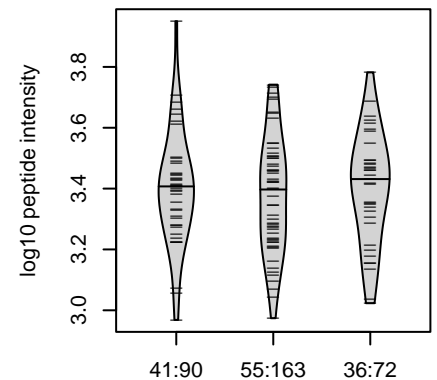
19:7759569:T:C_T
 $p = 0.22$, $\beta = 0.101$, $N = 287$

**SQGEDCVMMR pc2
K3W4U1;P06734**



19:7759569:T:C_T
 $p = 0.8$, $\beta = 0.0261$, $N = 189$

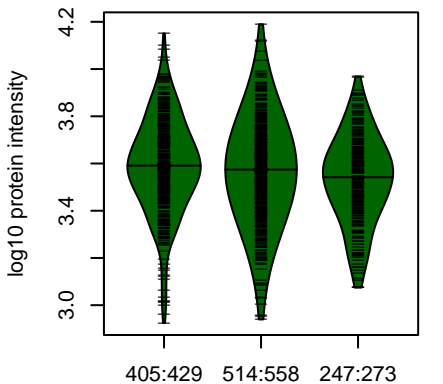
**SQSTQISQELEELRAEQQR pc3
K3W4U1;P06734**



19:7759569:T:C_T
 $p = 0.8$, $\beta = 0.0278$, $N = 132$

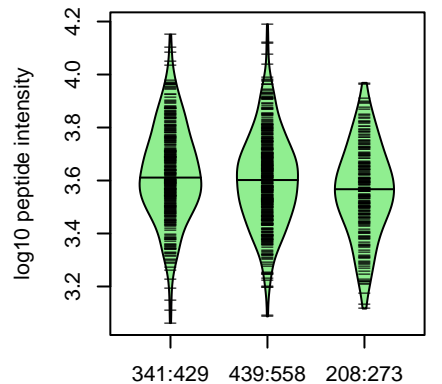
Assay Target: FCER2
 Olink UniProt: P06734
 UKB rsID: rs11260012
 Proxy rsID: rs11260012
 UKB SNP: 19:7759569:T:C
 Proxy SNP: 19:7759569:T:C
 UKB log10(p): 497.2
 UKB BETA: -0.289
 *:-:-:-:-
 1157:924:546:441:205

GALNT2 : NP4
Q10471



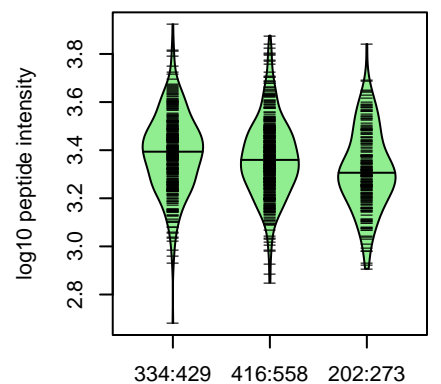
1:230295691:G:A_G
p = 0.00094, beta = -0.131, N = 1166

NVPYGNIQSR pc2
Q10471



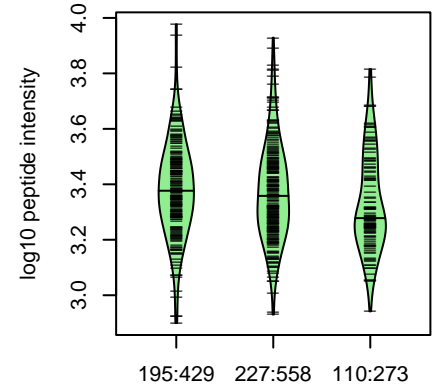
1:230295691:G:A_G
p = 0.00038, beta = -0.153, N = 988

GGFDWNLVFK pc2
Q10471



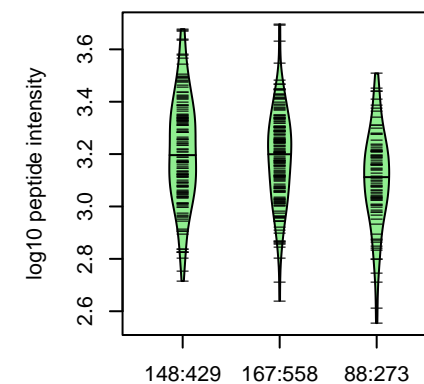
1:230295691:G:A_G
p = 1.1e-05, beta = -0.191, N = 952

TPMIAGGLFVMDK pc2
Q10471



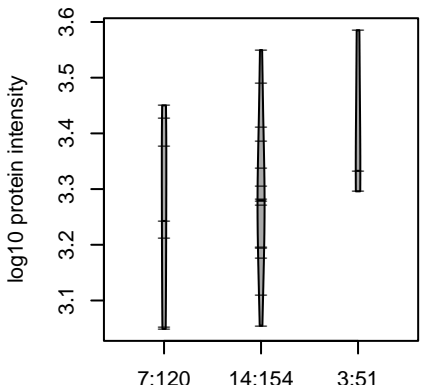
1:230295691:G:A_G
p = 0.056, beta = -0.111, N = 532

QGNPVAPIK pc2
Q10471



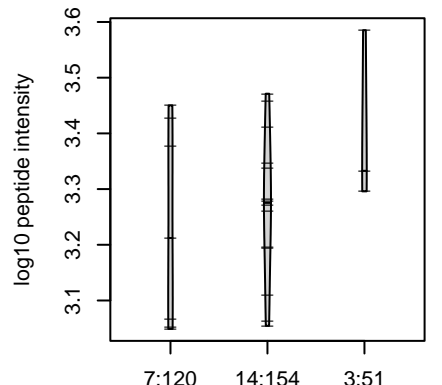
1:230295691:G:A_G
p = 0.0026, beta = -0.197, N = 403

GALNT2 : NP4
Q10471



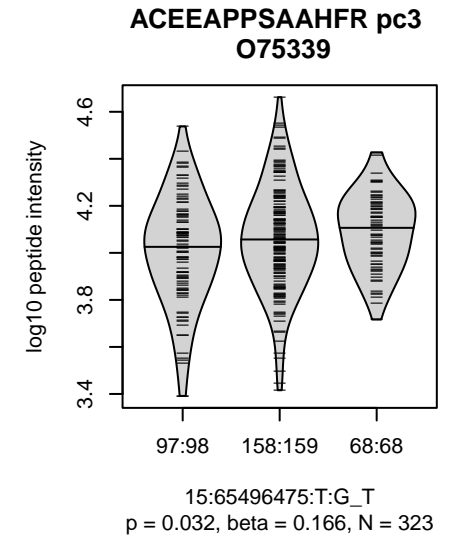
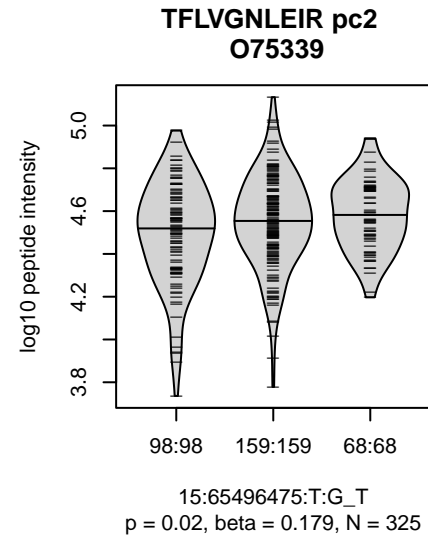
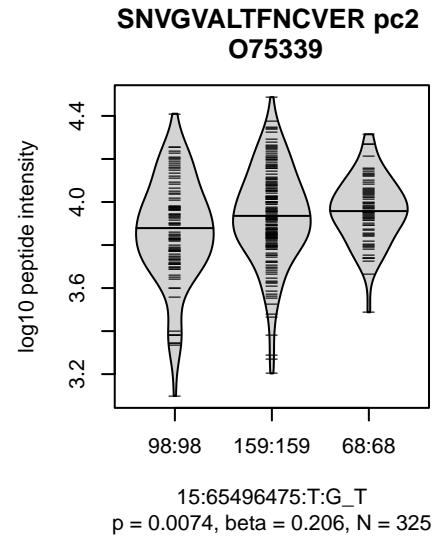
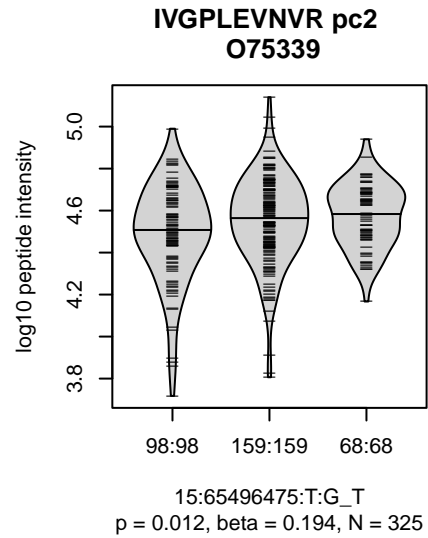
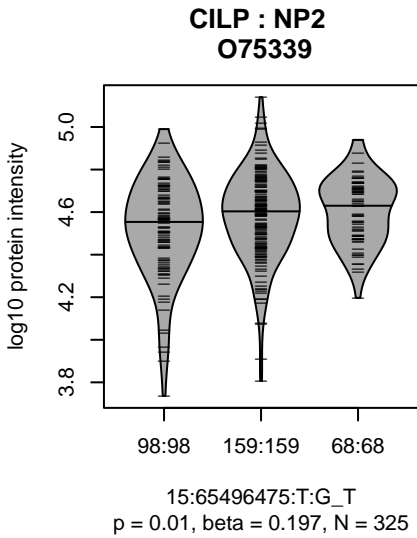
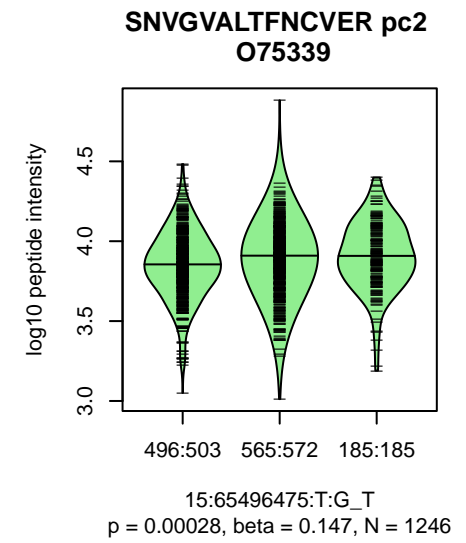
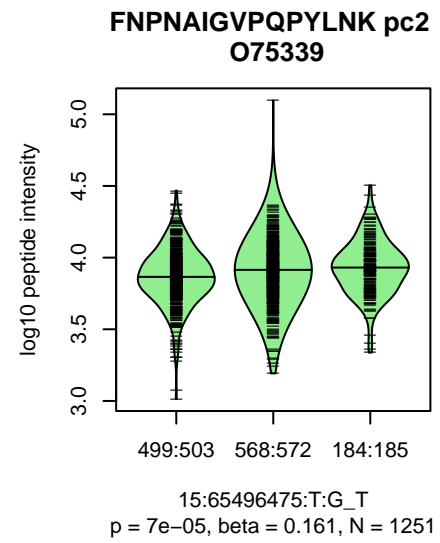
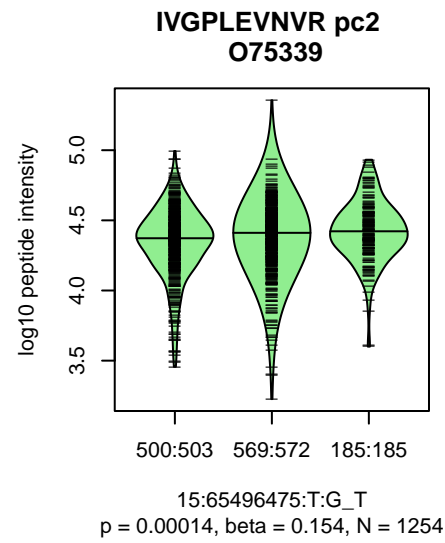
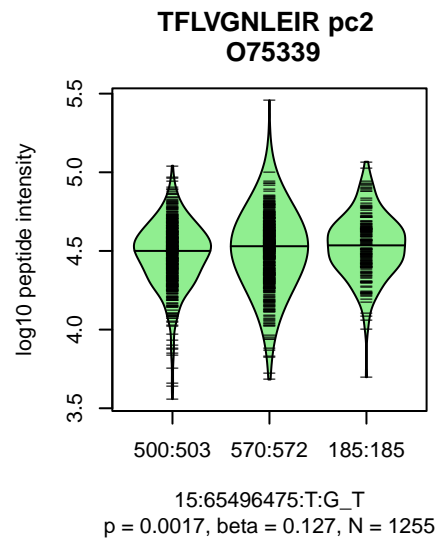
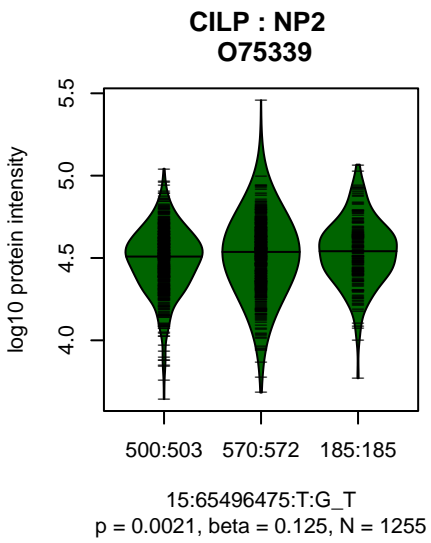
1:230295691:G:A_A
p = 0.88, beta = 0.0455, N = 24

GGFDWNLVFK pc2
Q10471



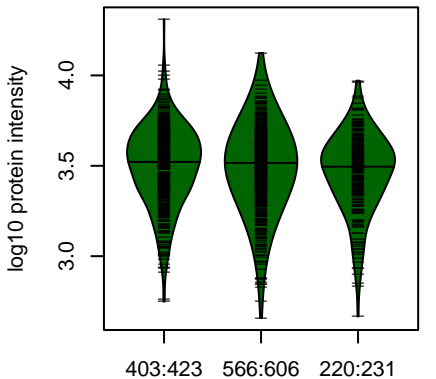
1:230295691:G:A_A
p = 0.97, beta = 0.0129, N = 24

Assay Target: GALNT2
Olink UniProt: Q10471
UKB rsID: rs4846914
Proxy rsID: rs4846914
UKB SNP: 1:230295691:G:A
Proxy SNP: 1:230295691:G:A
UKB log10(p): 490
UKB BETA: 0.287
::-*:-*:-:NA
988:952:532:403:337:85:27:14



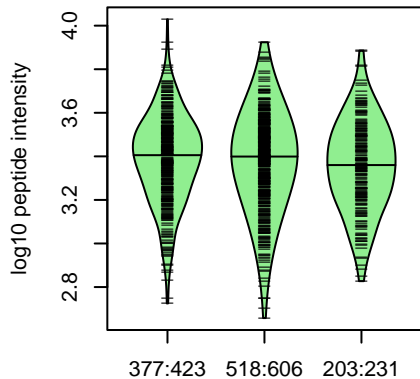
Assay Target: CILP
 Olink UniProt: O75339
 UKB rsID: rs2585035
 Proxy rsID: rs2585035
 UKB SNP: 15:65496475:T:G
 Proxy SNP: 15:65496475:T:G
 UKB log10(p): 484.6
 UKB BETA: -0.288
 ****-*-**
 1255:1254:1251:1246:1239:123

**GFRA2 : NP3
O00451**



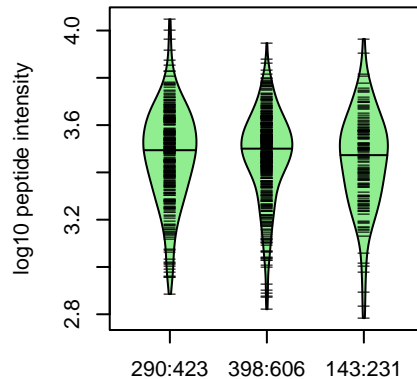
8:21474088:G:A_G
p = 0.057, beta = -0.0776, N = 1189

**LASIFSGTGADPVVSAK pc2
O00451;O00451-3**



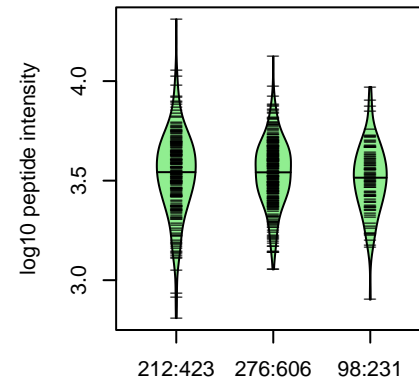
8:21474088:G:A_G
p = 0.15, beta = -0.0613, N = 1098

**QTILPSCSYEDK pc2
O00451;O00451-2;O00451-3**



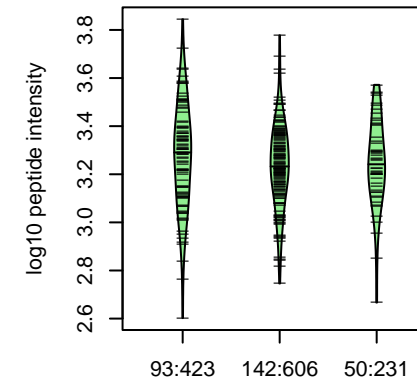
8:21474088:G:A_G
p = 0.31, beta = -0.0497, N = 831

**DFTENPLR pc2
O00451;O00451-2;O00451-3**



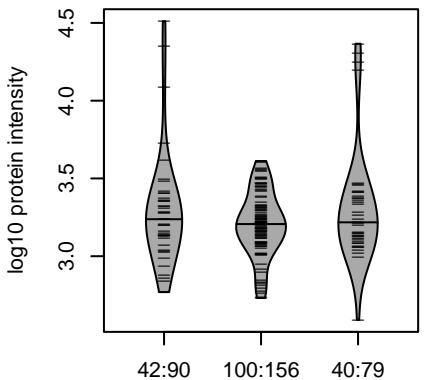
8:21474088:G:A_G
p = 0.36, beta = -0.053, N = 586

**ACNLNDNCK pc2
O00451;O00451-2;O00451-3**



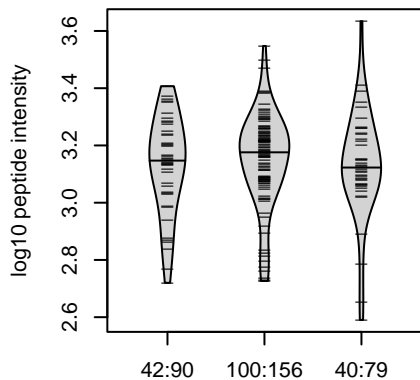
8:21474088:G:A_G
p = 0.16, beta = -0.118, N = 285

**GFRA2 : NP3
O00451**



8:21474088:G:A_G
p = 0.71, beta = 0.041, N = 182

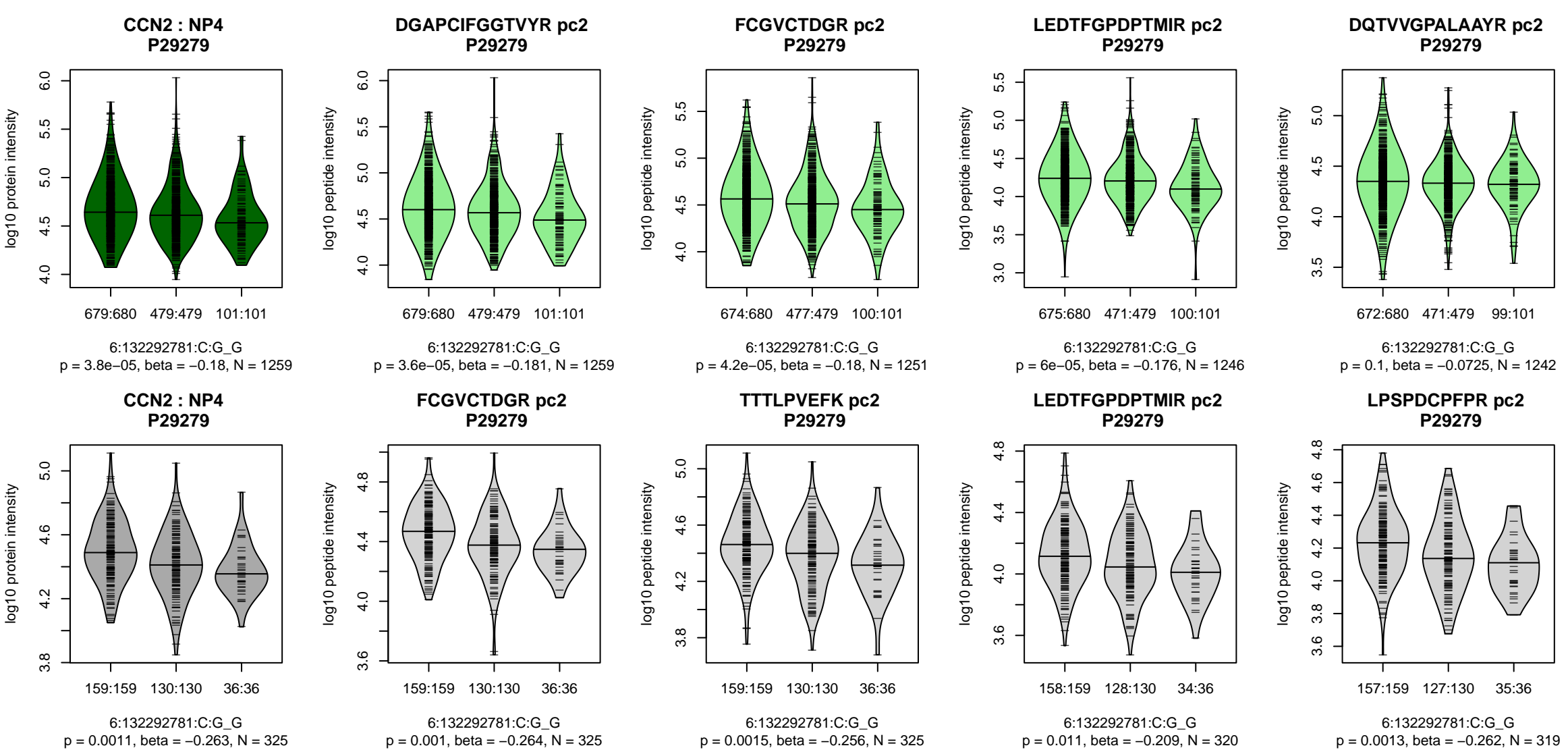
**LASIFSGTGADPVVSAK pc2
O00451;O00451-3**



8:21474088:G:A_G
p = 0.83, beta = -0.023, N = 182

Assay Target: GFRA2
Olink UniProt: O00451
UKB rsID: rs1480999
Proxy rsID: rs1480999
UKB SNP: 8:21474088:G:A
Proxy SNP: 8:21474088:G:A
UKB log10(p): 474.1
UKB BETA: 0.294

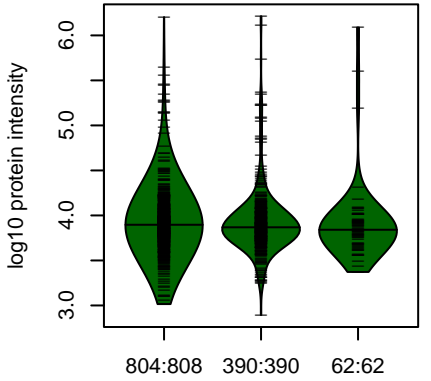
1098:831:586:285:211:169:139



Assay Target: CCN2
 Olink UniProt: P29279
 UKB rsID: rs7767139
 Proxy rsID: rs7767139
 UKB SNP: 6:132292781:C:G
 Proxy SNP: 6:132292781:C:G
 UKB log₁₀(p): 471.2
 UKB BETA: -0.343

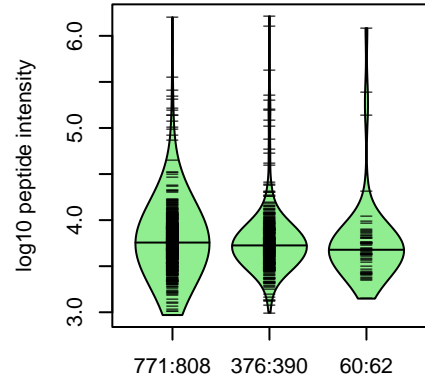
 1259:1251:1246:1242:1242:121

SMOC1 : NP4
Q9H4F8;Q9H4F8-2



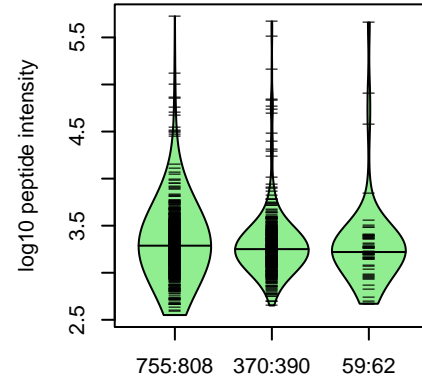
14:70354858:A:C_A
 $p = 0.033$, $\beta = -0.102$, $N = 1256$

YVMPSCESDAR pc2
Q9H4F8-2;Q9H4F8



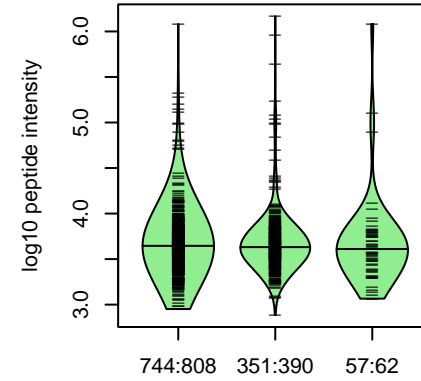
14:70354858:A:C_A
 $p = 0.026$, $\beta = -0.109$, $N = 1207$

QSALEEAQQNPR pc2
Q9H4F8-2;Q9H4F8



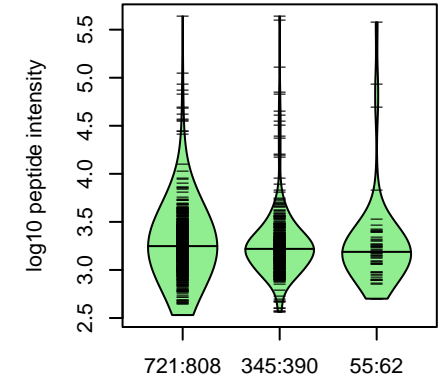
14:70354858:A:C_A
 $p = 0.039$, $\beta = -0.102$, $N = 1184$

EGVIPECAPGGLYK pc2
Q9H4F8-2;Q9H4F8



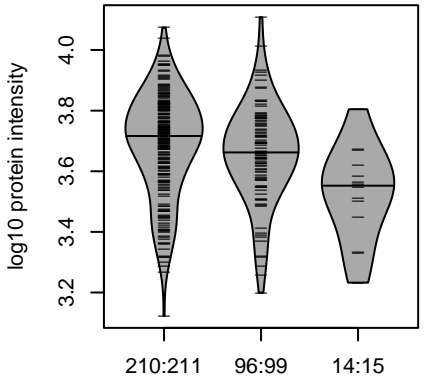
14:70354858:A:C_A
 $p = 0.28$, $\beta = -0.0546$, $N = 1152$

SYESMCEYQR pc2
Q9H4F8-2;Q9H4F8



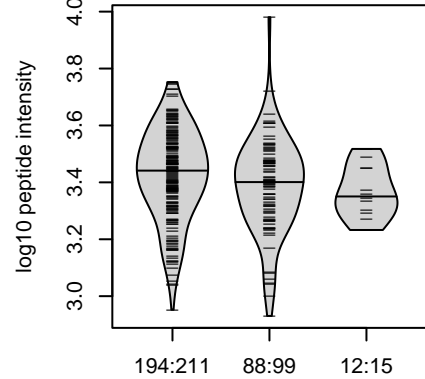
14:70354858:A:C_A
 $p = 0.027$, $\beta = -0.113$, $N = 1121$

SMOC1 : NP4
Q9H4F8;Q9H4F8-2



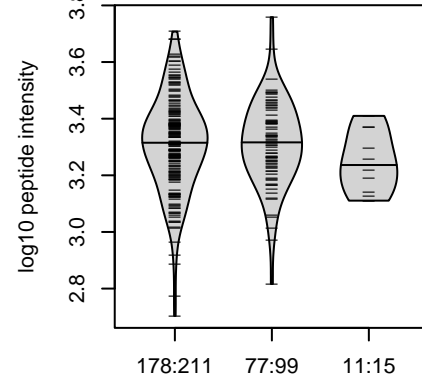
14:70354858:A:C_A
 $p = 0.00037$, $\beta = -0.342$, $N = 320$

QSALEEAQQNPR pc2
Q9H4F8-2;Q9H4F8



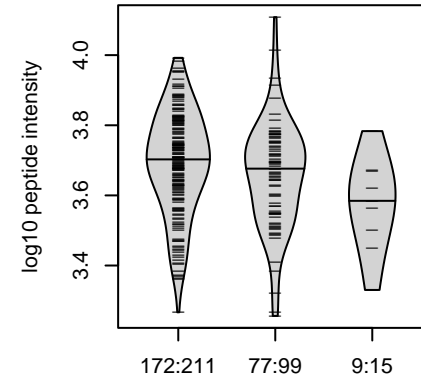
14:70354858:A:C_A
 $p = 0.0024$, $\beta = -0.307$, $N = 294$

SYESMCEYQR pc2
Q9H4F8-2;Q9H4F8



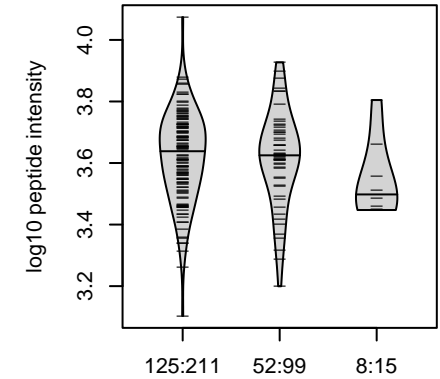
14:70354858:A:C_A
 $p = 0.21$, $\beta = -0.135$, $N = 266$

YVMPSCESDAR pc2
Q9H4F8-2;Q9H4F8



14:70354858:A:C_A
 $p = 0.0034$, $\beta = -0.325$, $N = 258$

TTEADDPFK pc2
Q9H4F8-2;Q9H4F8

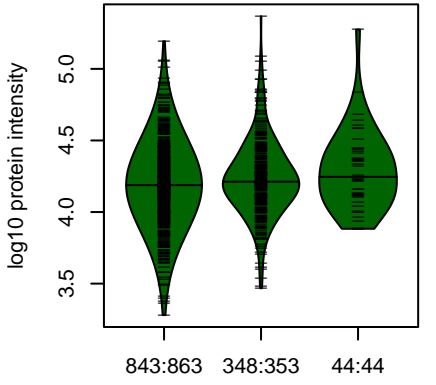


14:70354858:A:C_A
 $p = 0.22$, $\beta = -0.156$, $N = 185$

Assay Target: SMOC1
Olink UniProt: Q9H4F8
UKB rsID: rs1958078
Proxy rsID: rs1958078
UKB SNP: 14:70354858:A:C
Proxy SNP: 14:70354858:A:C
UKB log10(p): 455.1
UKB BETA: 0.358

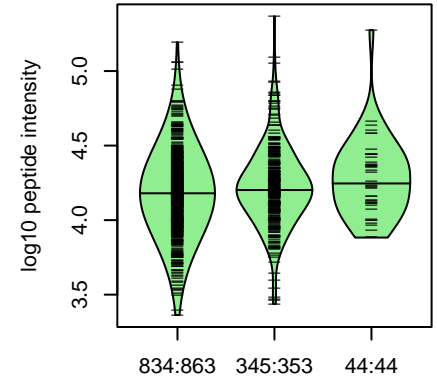
1207:1184:1152:1121:1047:104

**PI3 : NP3
P19957**



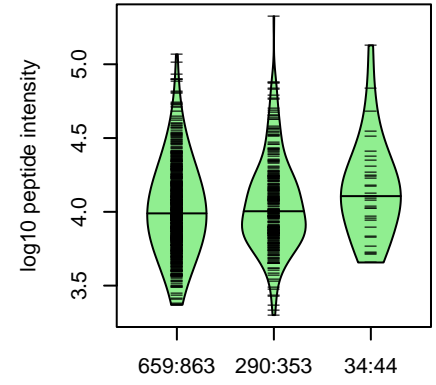
20:43788804:C:T_T
p = 6.7e-05, beta = 0.206, N = 1235

**PGSCPIILIR pc2
P19957**



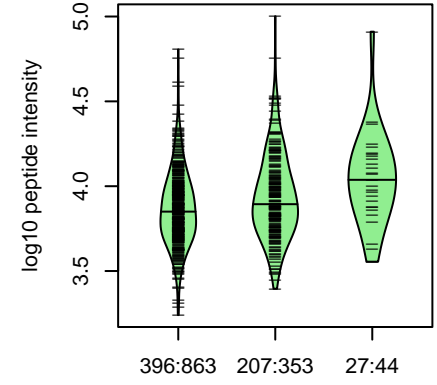
20:43788804:C:T_T
p = 0.00016, beta = 0.196, N = 1223

**CAMLNPPNR pc2
P19957**



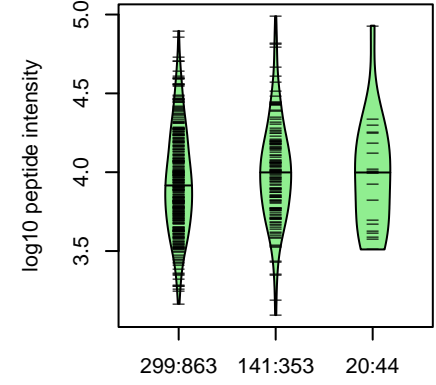
20:43788804:C:T_T
p = 0.0035, beta = 0.169, N = 983

**VPFNGQDPVK pc2
P19957**



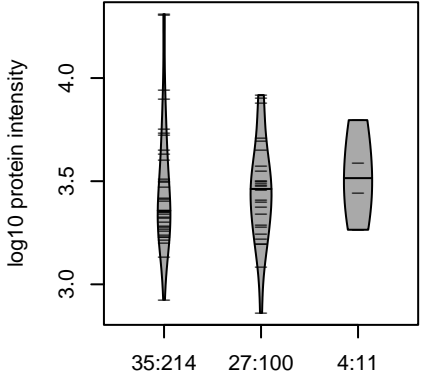
20:43788804:C:T_T
p = 1.3e-07, beta = 0.36, N = 630

**DTDCPGIK pc2
P19957**



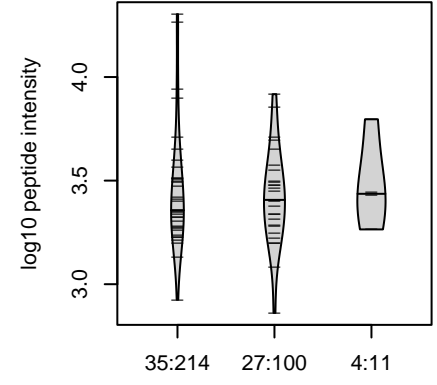
20:43788804:C:T_T
p = 0.063, beta = 0.15, N = 460

**PI3 : NP3
P19957**



20:43788804:C:T_T
p = 0.95, beta = -0.0111, N = 66

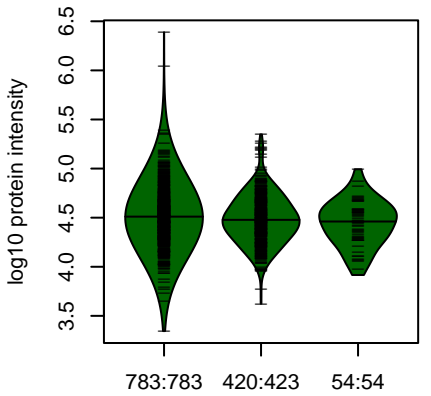
**PGSCPIILIR pc2
P19957**



20:43788804:C:T_T
p = 0.72, beta = -0.0706, N = 66

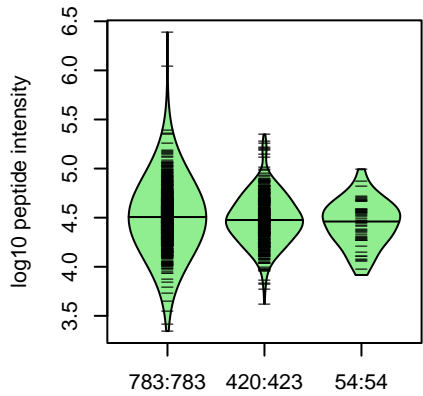
Assay Target: PI3
Olink UniProt: P19957
UKB rsID: rs35770435
Proxy rsID: rs35770435
UKB SNP: 20:43788804:C:T
Proxy SNP: 20:43788804:C:T
UKB log10(p): 450.3
UKB BETA: 0.345
..*.-.-
1223:983:630:460:31

CST3 : NP4
P01034



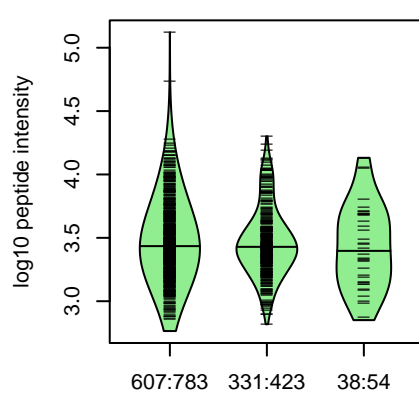
20:23612737:C:T_C
p = 0.011, beta = -0.124, N = 1257

LVGGPMDASVEEEGVRR pc3
P01034



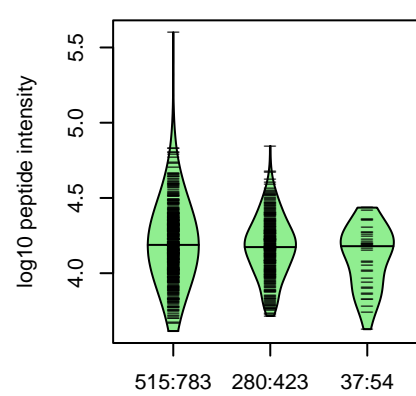
20:23612737:C:T_C
p = 0.01, beta = -0.125, N = 1257

ASNDMYHSR pc2
P01034



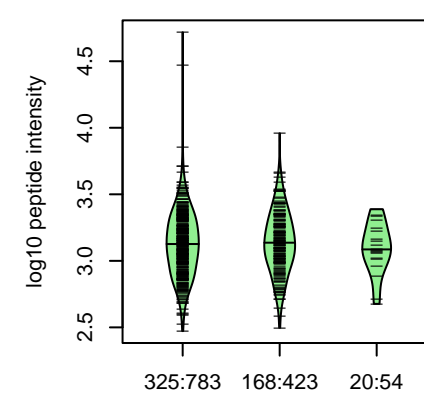
20:23612737:C:T_C
p = 0.39, beta = -0.0483, N = 976

ALDFAVGEYNK pc2
P01034



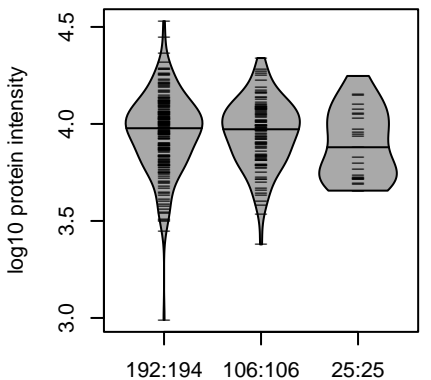
20:23612737:C:T_C
p = 0.028, beta = -0.131, N = 832

LVGGPMDASVEEEGVRR pc2
P01034



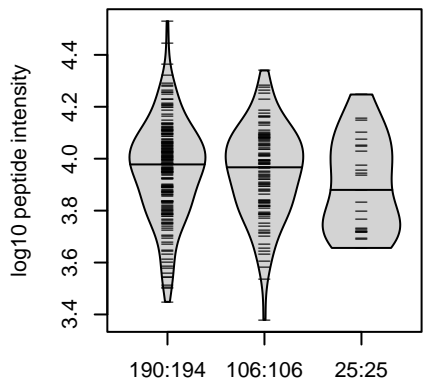
20:23612737:C:T_C
p = 0.98, beta = -0.00157, N = 513

CST3 : NP4
P01034



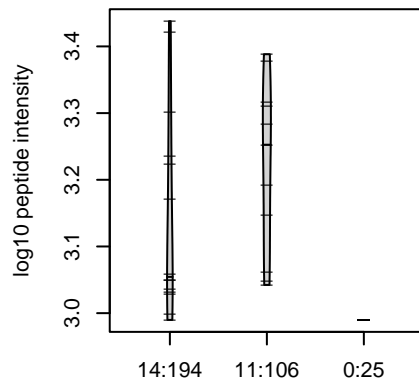
20:23612737:C:T_C
p = 0.26, beta = -0.0966, N = 323

LVGGPMDASVEEEGVRR pc3
P01034



20:23612737:C:T_C
p = 0.21, beta = -0.109, N = 321

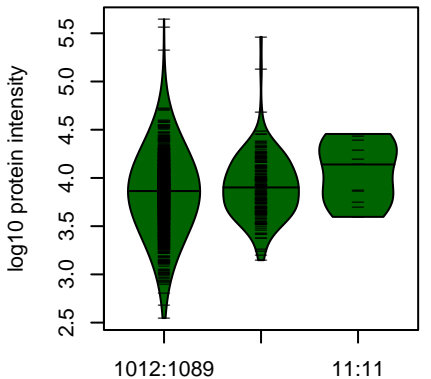
ASNDMYHSR pc2
P01034



20:23612737:C:T_C
p = 0.47, beta = 0.273, N = 25

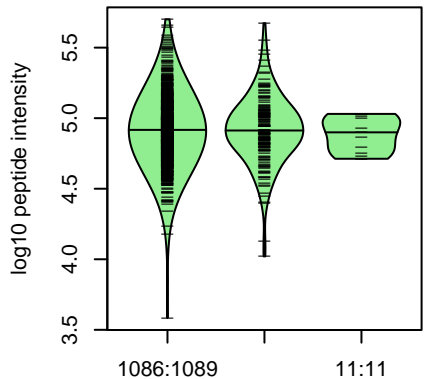
Assay Target: CST3
Olink UniProt: P01034
UKB rsID: rs911119
Proxy rsID: rs911119
UKB SNP: 20:23612737:C:T
Proxy SNP: 20:23612737:C:T
UKB log10(p): 447.4
UKB BETA: 0.307
- - - - - : NA:NA:NA
1257:976:832:513:510:184:160:

**FBN2 : NP5
P35556**



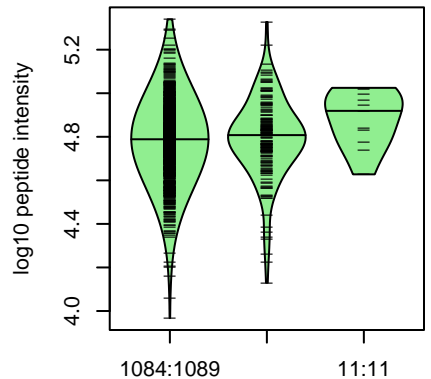
5:127874149:G:C_C
p = 0.0037, beta = 0.219, N = 1179

**TLPGGNQCIVPICR pc2
E9PHW4;F6U495;P35555;P35556**



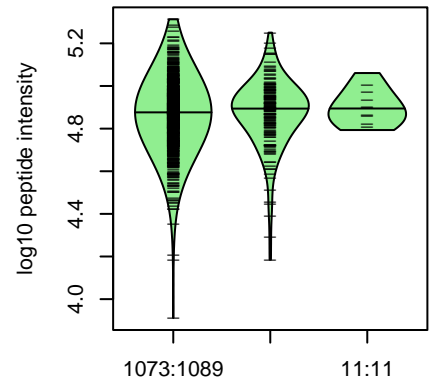
5:127874149:G:C_C
p = 0.92, beta = 0.00745, N = 1257

**VCVDTHMR pc2
D6RJI3;P35555;P35556**



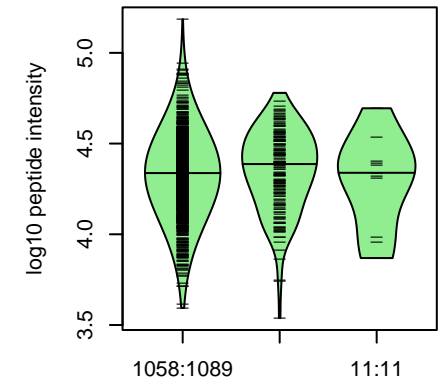
5:127874149:G:C_C
p = 0.18, beta = 0.101, N = 1255

**PGICENGR pc2
P35555;P35556**



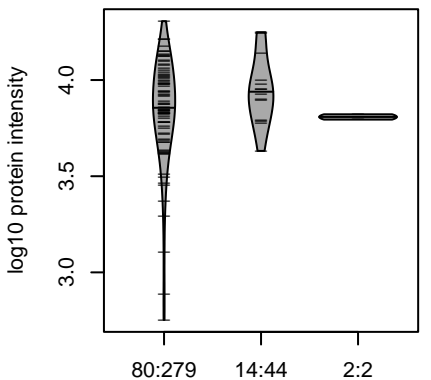
5:127874149:G:C_C
p = 0.51, beta = 0.0493, N = 1243

**GNVCGSR pc2
D6RJI3;E9PHW4;F6U495;P35555;P35556**



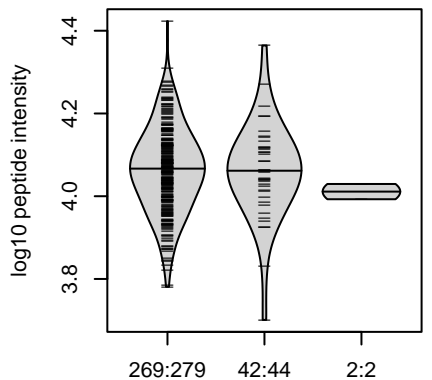
5:127874149:G:C_C
p = 0.17, beta = 0.103, N = 1224

**FBN2 : NP5
P35556**



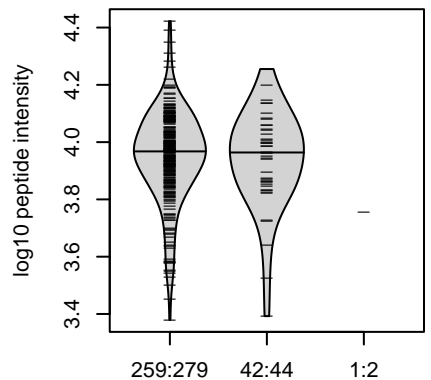
5:127874149:G:C_C
p = 0.18, beta = 0.302, N = 96

**PGICENGR pc2
P35555;P35556**



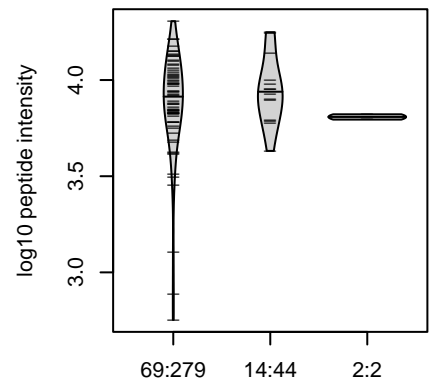
5:127874149:G:C_C
p = 0.69, beta = -0.0604, N = 313

**VCVDTHMR pc2
D6RJI3;P35555;P35556**



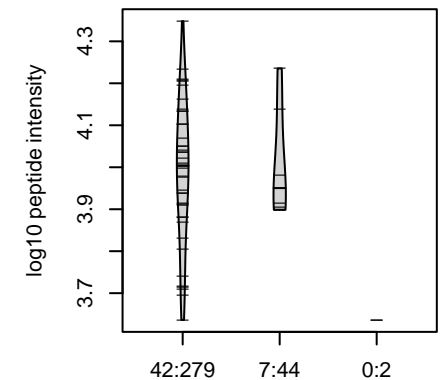
5:127874149:G:C_C
p = 0.48, beta = -0.111, N = 302

**NCMDIDECERNPLLCR pc3
D6REJ2;D6RJI3;P35556**



5:127874149:G:C_C
p = 0.56, beta = 0.133, N = 85

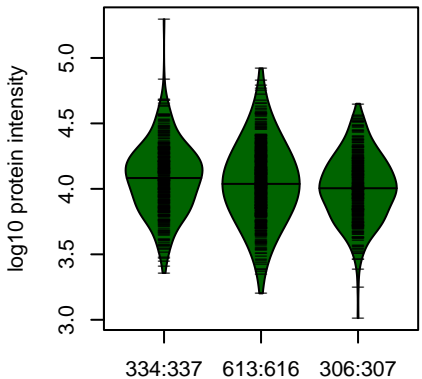
**TLPGGNQCIVPICR pc2
E9PHW4;F6U495;P35555;P35556**



5:127874149:G:C_C
p = 0.66, beta = 0.174, N = 49

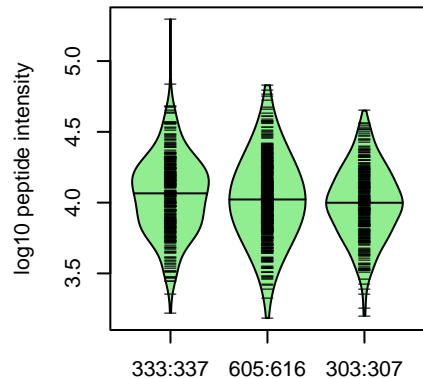
Assay Target: FBN2
Olink UniProt: P35556
UKB rsID: rs78821460
Proxy rsID: rs78821460
UKB SNP: 5:127874149:G:C
Proxy SNP: 5:127874149:G:C
UKB log10(p): 443
UKB BETA: 0.523
-----*:*:*:*:*-----
1257:1255:1243:1224:1113:107

**ANGPTL4 : NP3
Q9BY76**



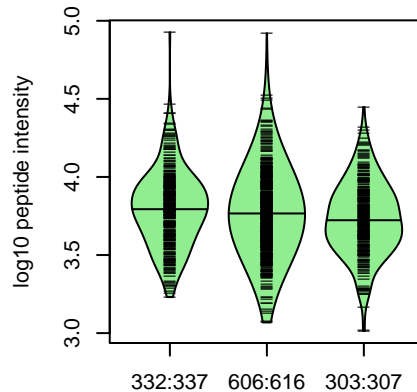
19:8431581:G:A_G
p = 0.00038, beta = -0.14, N = 1253

**AGFGDPHGFWLGLEK pc3
Q9BY76;Q9BY76-2**



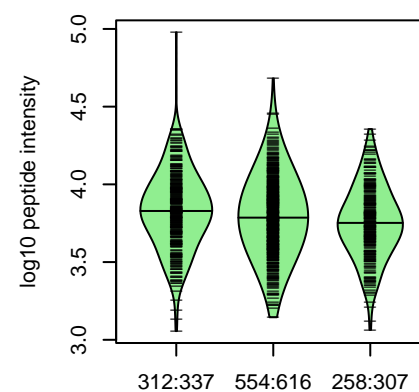
19:8431581:G:A_G
p = 0.0036, beta = -0.115, N = 1241

**MTSDGGWTVIQR pc2
Q9BY76**



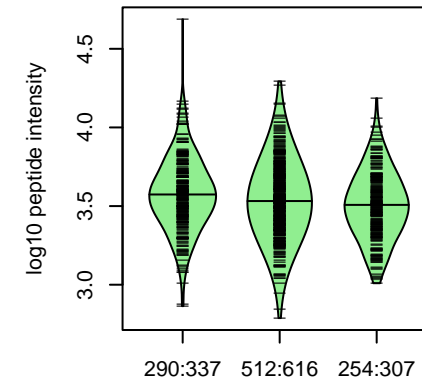
19:8431581:G:A_G
p = 0.00072, beta = -0.133, N = 1241

**VDPEVLHSLQTQLK pc3
Q9BY76;Q9BY76-2**



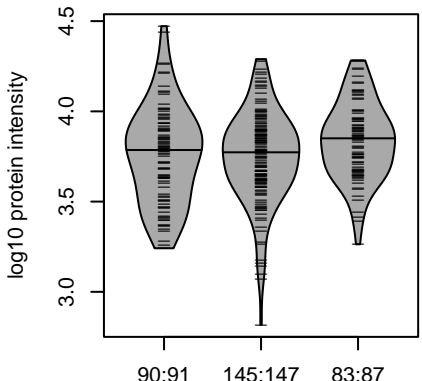
19:8431581:G:A_G
p = 0.00011, beta = -0.161, N = 1124

**DCQELFQVGER pc2
Q9BY76**



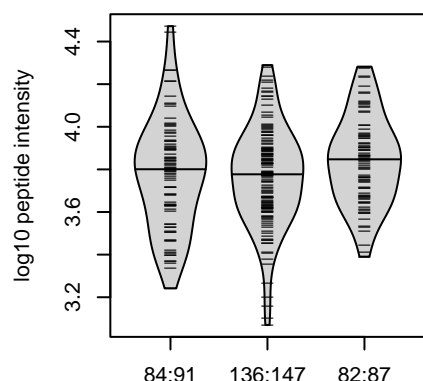
19:8431581:G:A_G
p = 9.7e-05, beta = -0.166, N = 1056

**ANGPTL4 : NP3
Q9BY76**



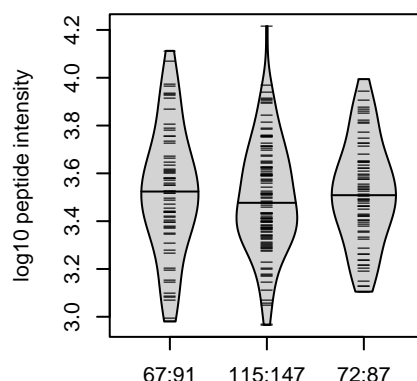
19:8431581:G:A_A
p = 0.24, beta = 0.0878, N = 318

**AGFGDPHGFWLGLEK pc3
Q9BY76;Q9BY76-2**



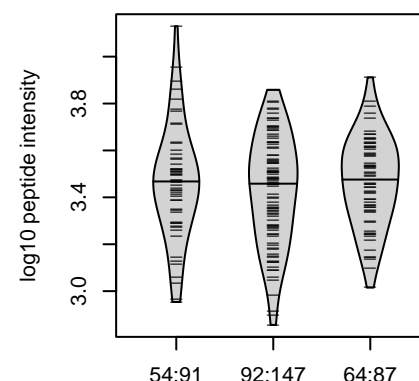
19:8431581:G:A_A
p = 0.43, beta = 0.061, N = 302

**IQHLQSQFGLLDHK pc3
Q9BY76;Q9BY76-2**



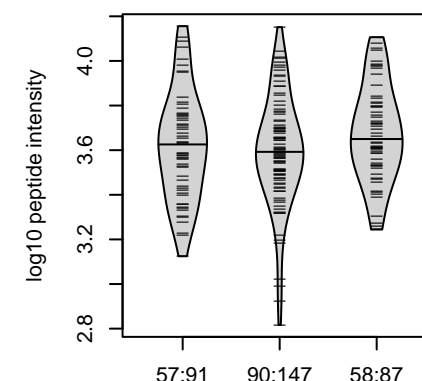
19:8431581:G:A_A
p = 0.52, beta = -0.0544, N = 254

**MTSDGGWTVIQR pc2
Q9BY76**



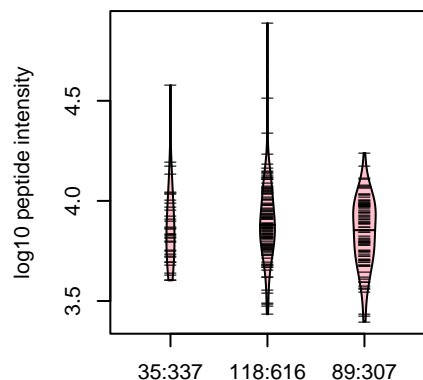
19:8431581:G:A_A
p = 0.97, beta = -0.00361, N = 210

**VDPEVLHSLQTQLK pc3
Q9BY76;Q9BY76-2**



19:8431581:G:A_A
p = 0.18, beta = 0.123, N = 205

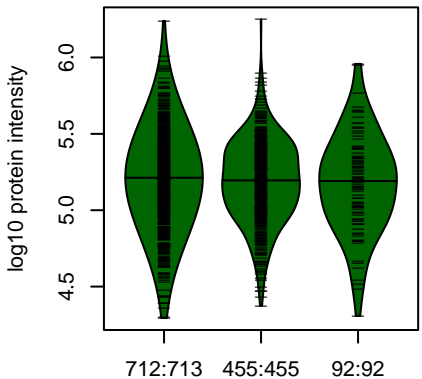
**VHSITGDR pc2
rs1044250 REF**



19:8431581:G:A_G
p = 6.8e-07, model = REC, N = 242

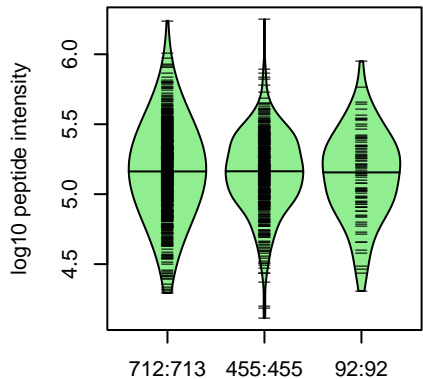
Assay Target: ANGPTL4
Olink UniProt: Q9BY76
UKB rsID: rs2278236
Proxy rsID: rs2278236
UKB SNP: 19:8431581:G:A
Proxy SNP: 19:8431581:G:A
UKB log10(p): 437
UKB BETA: 0.271
::*:*:-:-:-:NA:NA
1241:1241:1124:1056:1041:531

**APOL1 : NP4
O14791**



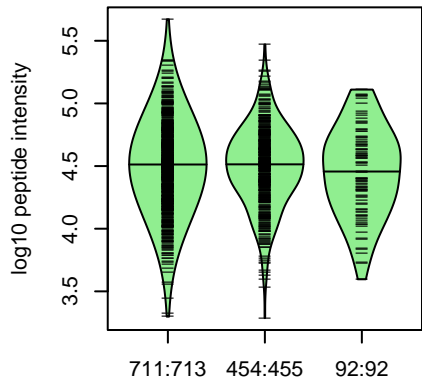
22:36661330:G:A_G
p = 0.53, beta = -0.028, N = 1259

**VNEPSILEMSR pc2
O14791;O14791-2;O14791-3**



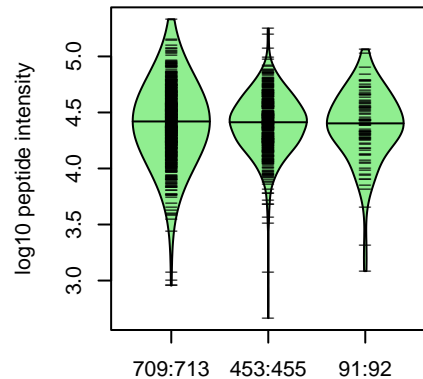
22:36661330:G:A_G
p = 0.43, beta = -0.035, N = 1259

**WWTQAQAHDLVIK pc3
O14791;O14791-2;O14791-3**



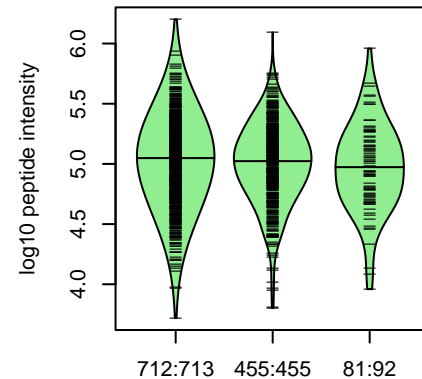
22:36661330:G:A_G
p = 0.72, beta = -0.0161, N = 1257

**VTEPISAESGEQVER pc2
O14791;O14791-2;O14791-3**



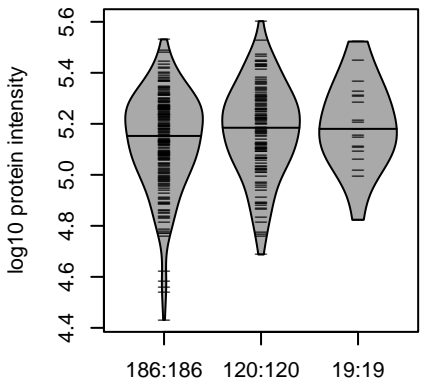
22:36661330:G:A_G
p = 0.39, beta = -0.0385, N = 1253

**LNILNNNYK pc2
O14791;O14791-2;O14791-3**



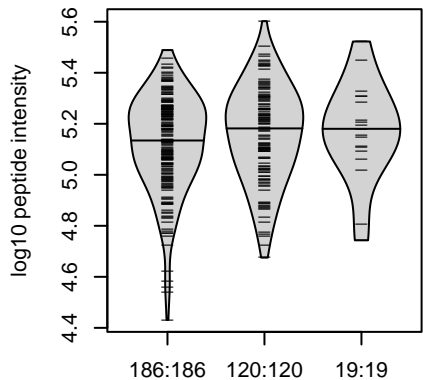
22:36661330:G:A_G
p = 0.2, beta = -0.0581, N = 1248

**APOL1 : NP4
O14791**



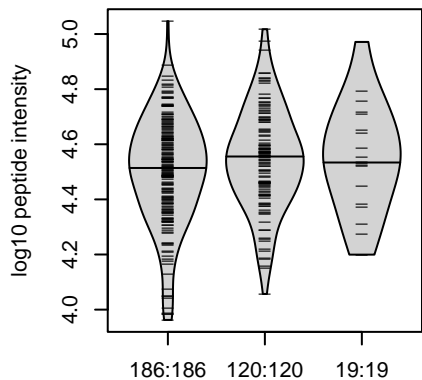
22:36661330:G:A_G
p = 0.025, beta = 0.203, N = 325

**LNILNNNYK pc2
O14791;O14791-2;O14791-3**



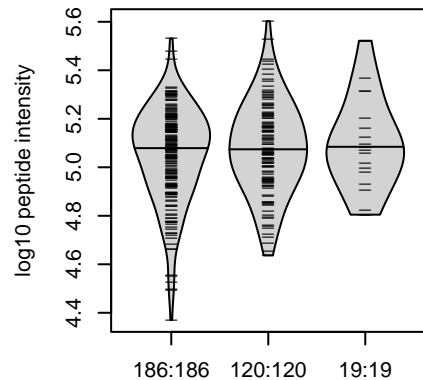
22:36661330:G:A_G
p = 0.033, beta = 0.192, N = 325

**NEADELRK pc2
O14791;O14791-2;O14791-3**



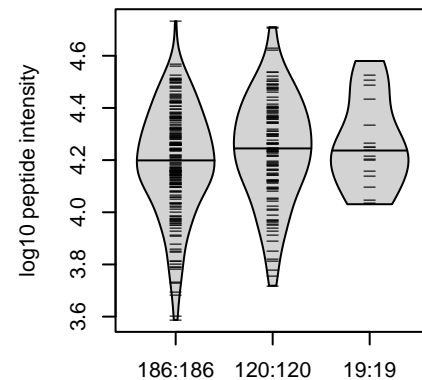
22:36661330:G:A_G
p = 0.014, beta = 0.223, N = 325

**VTEPISAESGEQVER pc2
O14791;O14791-2;O14791-3**



22:36661330:G:A_G
p = 0.18, beta = 0.12, N = 325

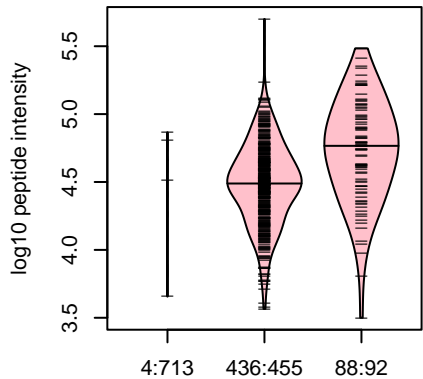
**WWTQAQAHDLVIK pc3
O14791;O14791-2;O14791-3**



22:36661330:G:A_G
p = 0.019, beta = 0.212, N = 325

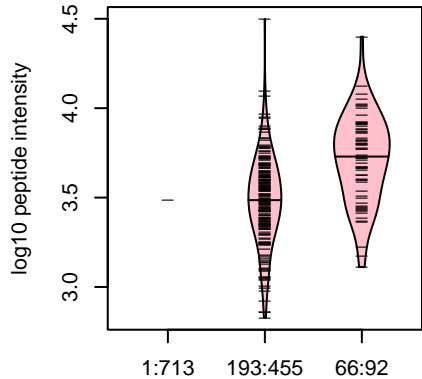
Assay Target: APOL1
Olink UniProt: O14791
UKB rsID: rs2239785
Proxy rsID: rs2239785
UKB SNP: 22:36661330:G:A
Proxy SNP: 22:36661330:G:A
UKB log10(p): 436.1
UKB BETA: -0.306
-----*-----
1259:1257:1253:1248:1244:124

**SELEDNIR pc2
rs2239785 REF**



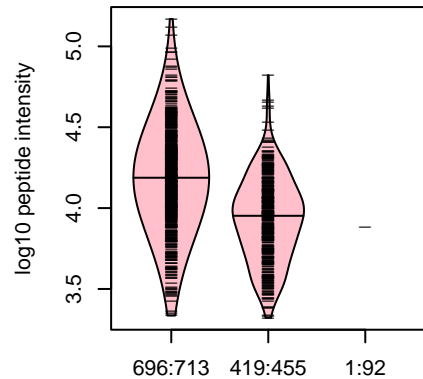
22:36661330:G:A_G
p = 8.6016828940961e-321, model = REC, N =

**SELEDNIRR pc2
rs2239785 REF**



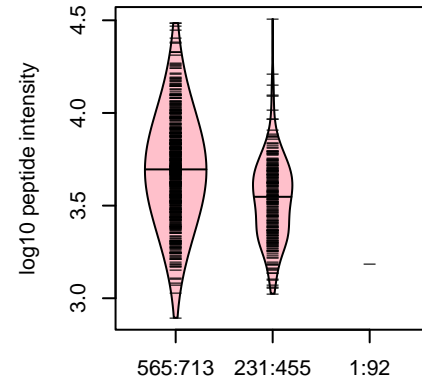
22:36661330:G:A_G
p = 5e-112, model = REC, N = 260

**SKLEDNIR pc2
rs2239785 ALT**



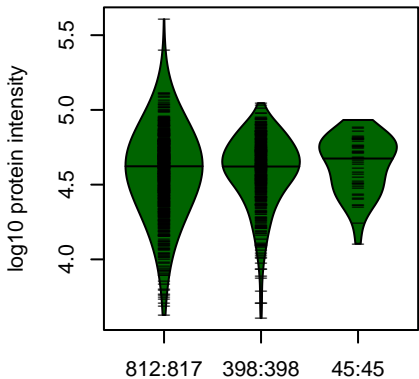
22:36661330:G:A_G
p = 2.3e-99, model = DOM, N = 1116

**LEDNIRR pc2
rs2239785 ALT**



22:36661330:G:A_G
p = 1.7e-41, model = REC, N = 797

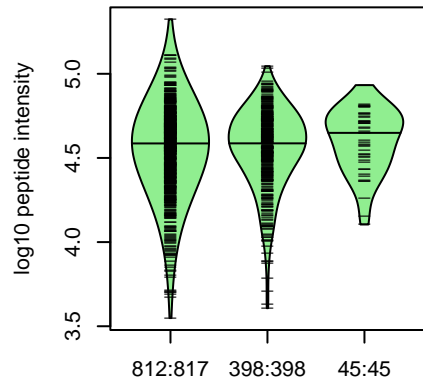
NCAM1 : NP2
P13591



11:112975934:C:T_T
p = 0.69, beta = 0.0204, N = 1255

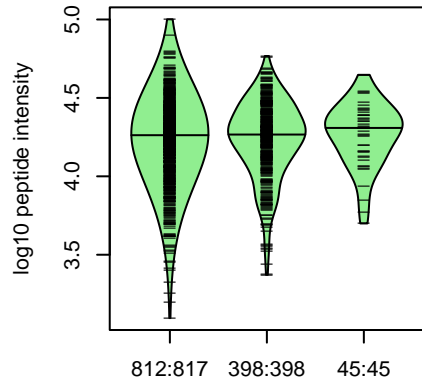
FFLCQVAGDAK pc2

0A087WWD4;A0A087WX77;H7BYX6;0A087WWD4;A0A087WX77;H7BYX6;V75;A0A087WWD4;A0A087WX77;H7B0A087WWD4;A0A087WX77;H7BYX6;



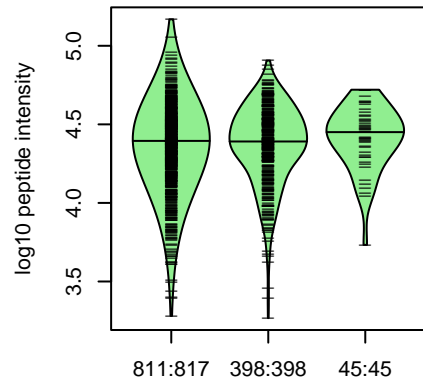
11:112975934:C:T_T
p = 0.47, beta = 0.0362, N = 1255

YIFSDSSQLTIK pc2



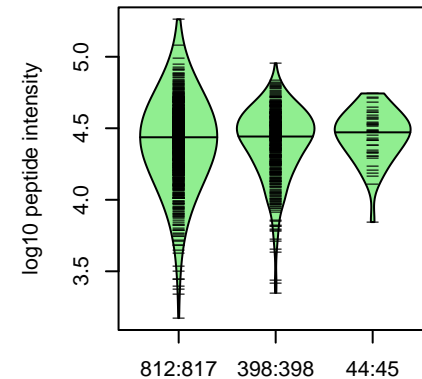
11:112975934:C:T_T
p = 0.98, beta = -0.00101, N = 1255

EASMEGIVTIVGLKPETTYAVR pc3



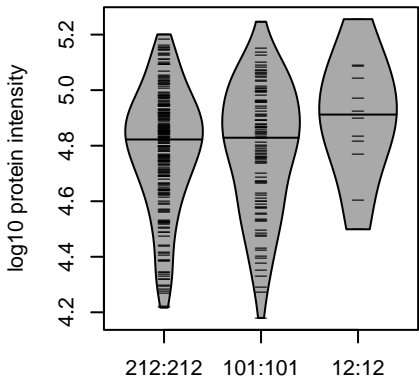
11:112975934:C:T_T
p = 0.55, beta = 0.0301, N = 1254

FIVLSNYYLQIR pc2



11:112975934:C:T_T
p = 0.85, beta = -0.0097, N = 1254

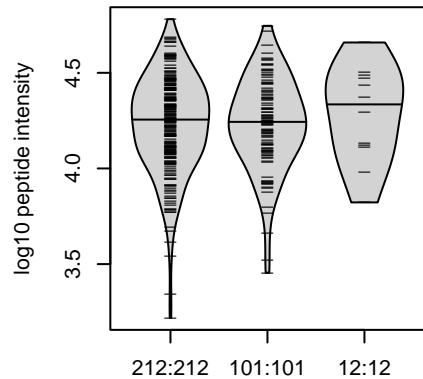
NCAM1 : NP2
P13591



11:112975934:C:T_T
p = 0.47, beta = 0.0703, N = 325

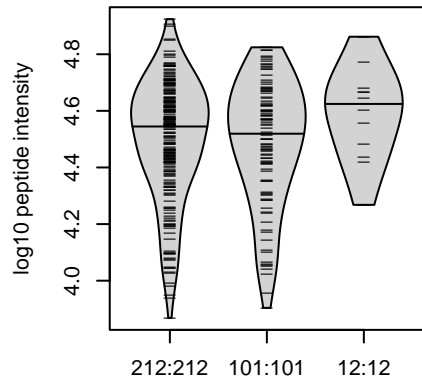
AGEQDATIHLK pc2

0A087WWD4;A0A087WX77;H7BYX6;V75;A0A087WWD4;A0A087WX77;H7B;V75;A0A087WWD4;A0A087WX77;H7B;V75;A0A087WWD4;A0A087WX77;H7B



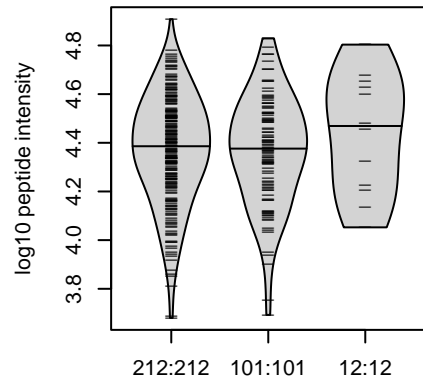
11:112975934:C:T_T
p = 0.94, beta = 0.00761, N = 325

ALSSEWKPEIR pc3



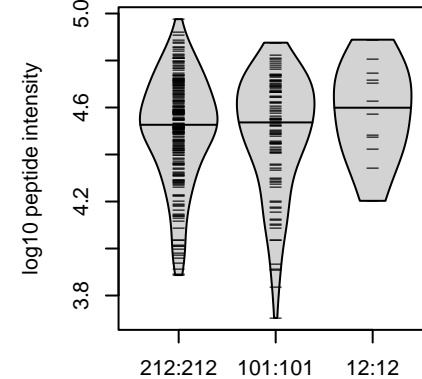
11:112975934:C:T_T
p = 0.96, beta = 0.00499, N = 325

AVGEEVWHSK pc2



11:112975934:C:T_T
p = 0.86, beta = 0.0169, N = 325

EASMEGIVTIVGLKPETTYAVR pc3

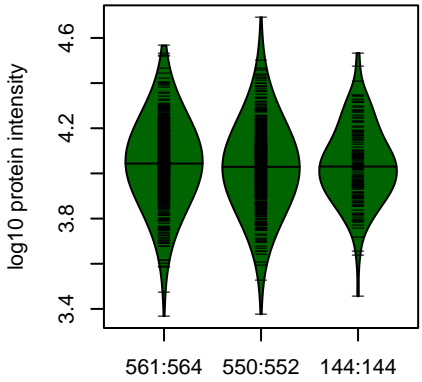


11:112975934:C:T_T
p = 0.65, beta = -0.0441, N = 325

Assay Target: NCAM1
Olink UniProt: P13591
UKB rsID: rs11214489
Proxy rsID: rs11214489
UKB SNP: 11:112975934:C:T
Proxy SNP: 11:112975934:C:T
UKB log10(p): 432.7
UKB BETA: -0.332

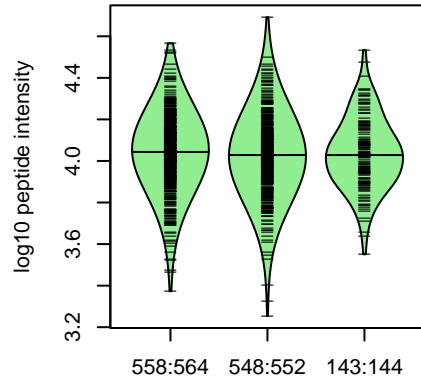
1255:1255:1254:1254:1244:124

LGALS1 : NP2
P09382



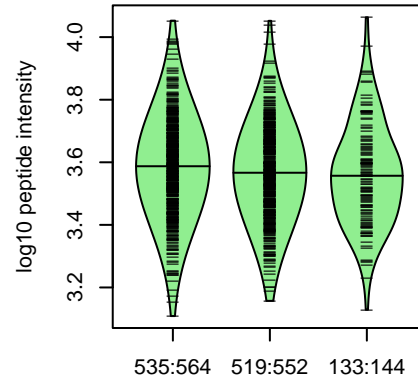
22:38071043:G:A_A
p = 0.36, beta = -0.0381, N = 1255

SFVLNLGK pc2
P09382



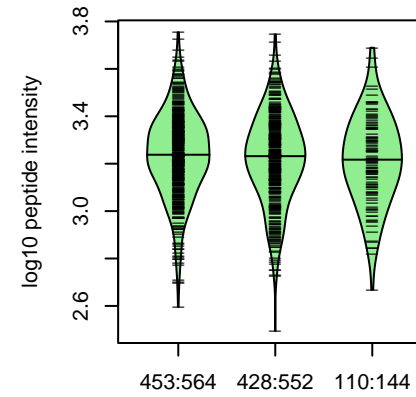
22:38071043:G:A_A
p = 0.44, beta = -0.0323, N = 1249

FNAHGDANTIVCNSK pc3
P09382



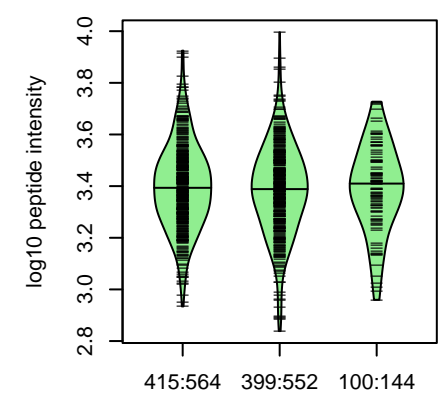
22:38071043:G:A_A
p = 0.098, beta = -0.0714, N = 1187

LNLEAINYMAADGDFK pc2
P09382



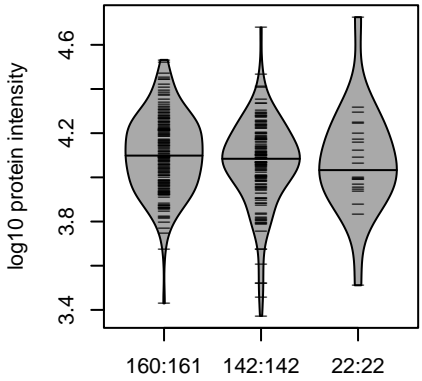
22:38071043:G:A_A
p = 0.35, beta = -0.044, N = 991

VRGEVAPDAK pc2
F8WEI7;P09382



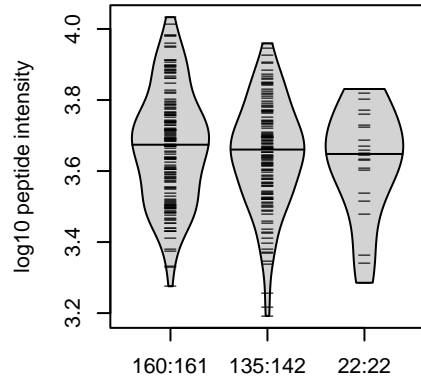
22:38071043:G:A_A
p = 0.46, beta = -0.0364, N = 914

LGALS1 : NP2
P09382



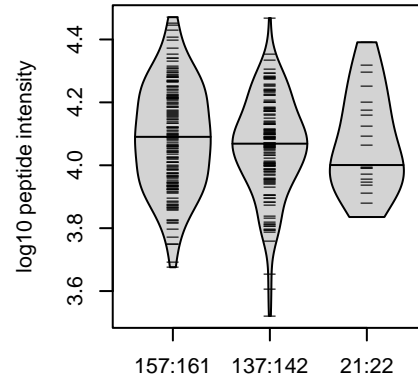
22:38071043:G:A_A
p = 0.068, beta = -0.162, N = 324

FNAHGDANTIVCNSK pc3
P09382



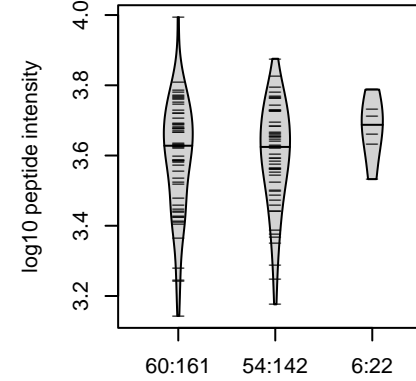
22:38071043:G:A_A
p = 0.077, beta = -0.158, N = 317

SFVLNLGK pc2
P09382



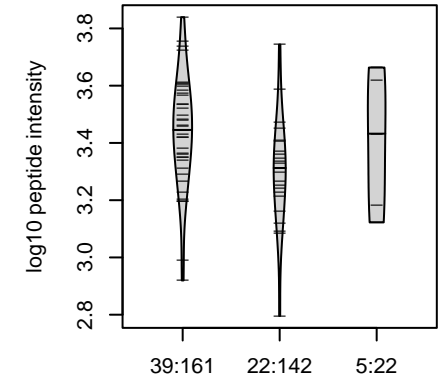
22:38071043:G:A_A
p = 0.13, beta = -0.138, N = 315

DSNNLCLHFNPR pc3
P09382



22:38071043:G:A_A
p = 0.5, beta = 0.102, N = 120

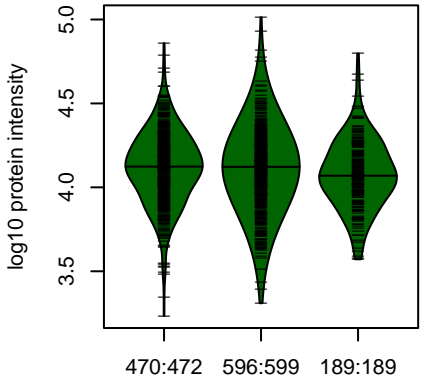
LNLEAINYMAADGDFK pc2
P09382



22:38071043:G:A_A
p = 0.11, beta = -0.298, N = 66

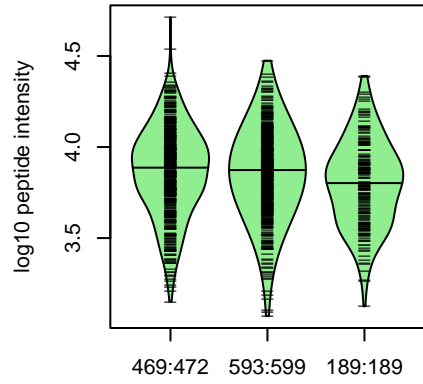
Assay Target: LGALS1
Olink UniProt: P09382
UKB rsID: rs4820294
Proxy rsID: rs4820294
UKB SNP: 22:38071043:G:A
Proxy SNP: 22:38071043:G:A
UKB log10(p): 413
UKB BETA: -0.279
-----*-----
1249:1187:991:914:730:664:123

**MYOC : NP2
Q99972**



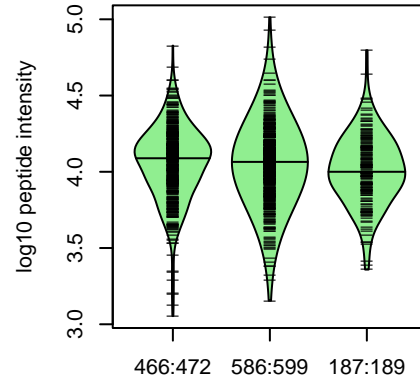
1:171616521:G:A_G
p = 0.12, beta = -0.0627, N = 1255

**ELETAYSNLLR pc2
Q99972**



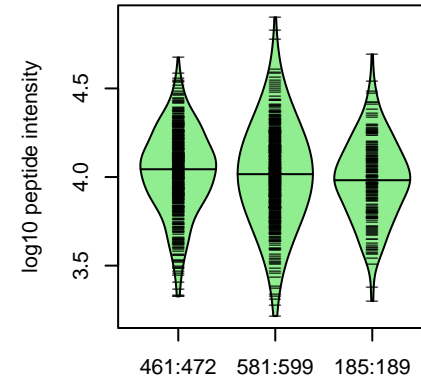
1:171616521:G:A_G
p = 0.016, beta = -0.0982, N = 1251

**YELNTETVK pc2
Q99972**



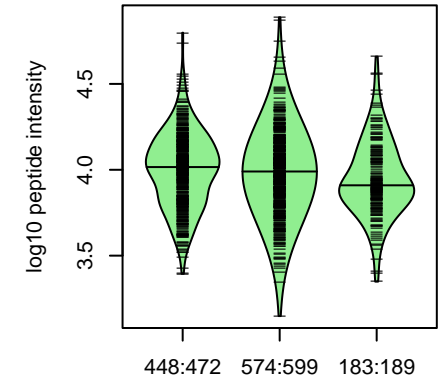
1:171616521:G:A_G
p = 0.084, beta = -0.0708, N = 1239

**SELTEVPASR pc2
Q99972**



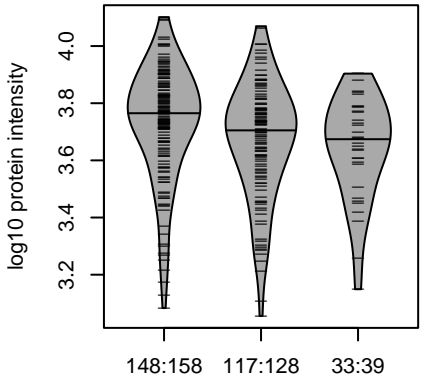
1:171616521:G:A_G
p = 0.08, beta = -0.0722, N = 1227

**YSSMIDYNPLEK pc2
Q99972**



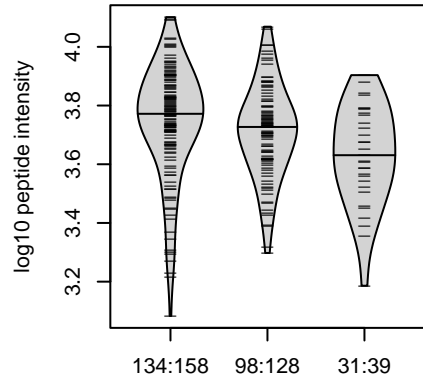
1:171616521:G:A_G
p = 0.037, beta = -0.0867, N = 1205

**MYOC : NP2
Q99972**



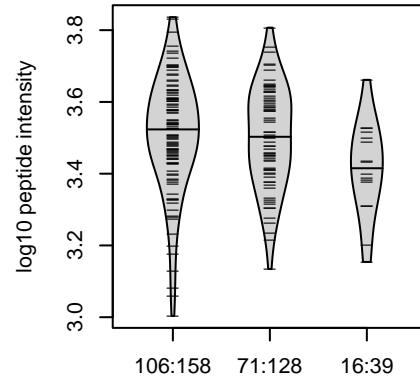
1:171616521:G:A_G
p = 0.0024, beta = -0.254, N = 298

**ELETAYSNLLR pc2
Q99972**



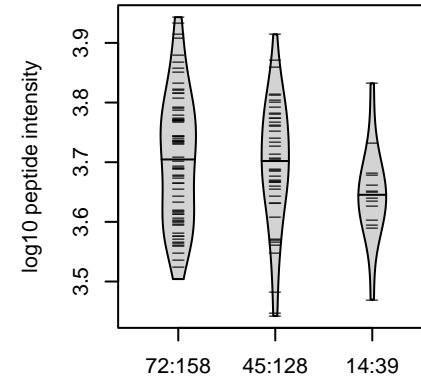
1:171616521:G:A_G
p = 0.00085, beta = -0.292, N = 263

**YELNTETVK pc2
Q99972**



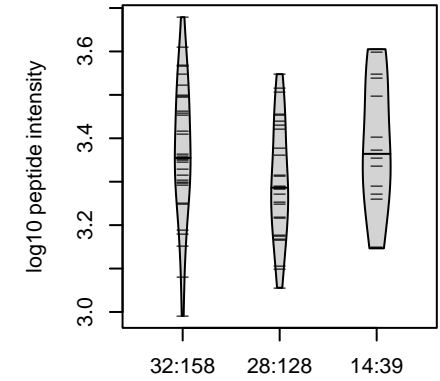
1:171616521:G:A_G
p = 0.033, beta = -0.233, N = 193

**IDTVGTDVR pc2
Q99972**



1:171616521:G:A_G
p = 0.094, beta = -0.21, N = 131

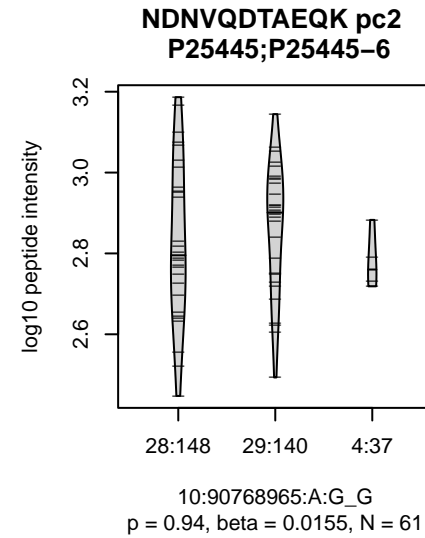
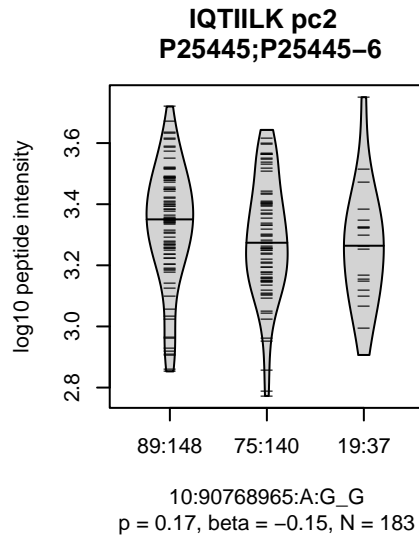
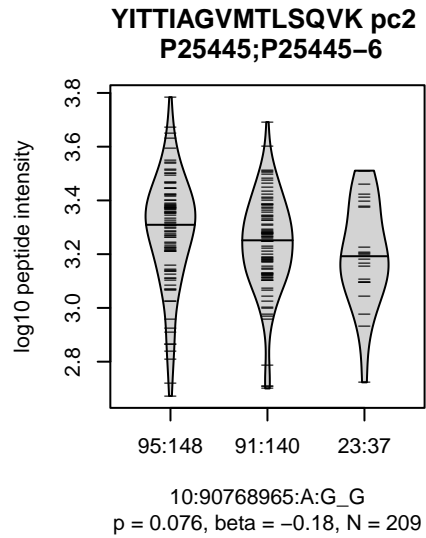
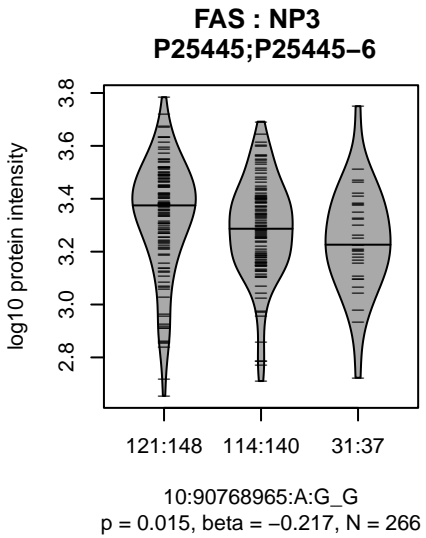
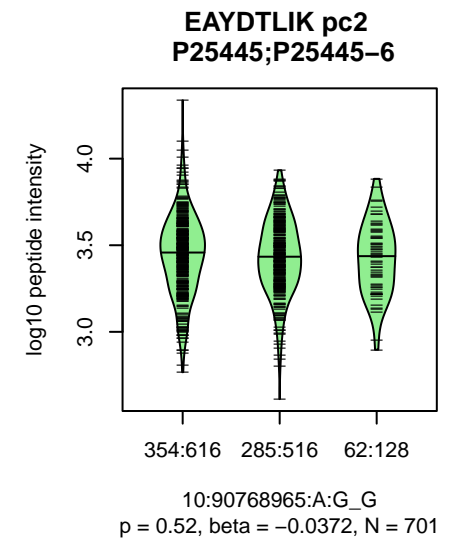
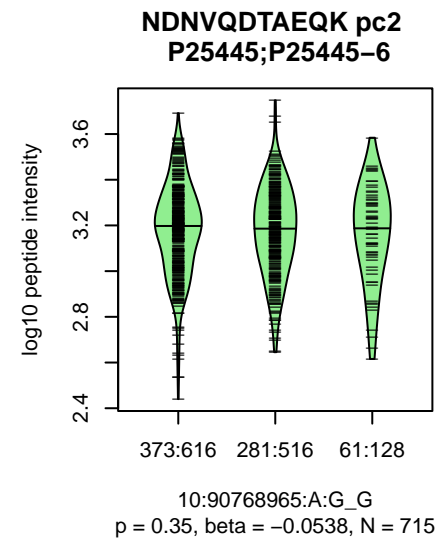
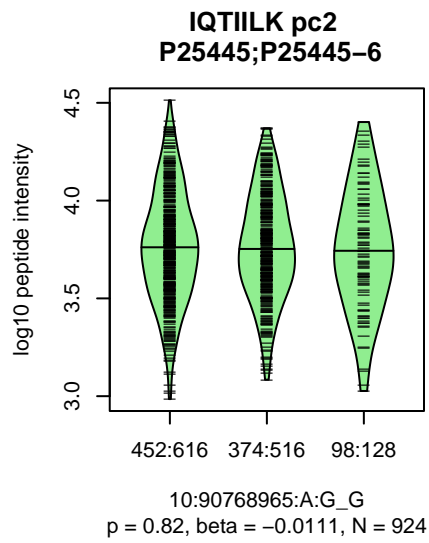
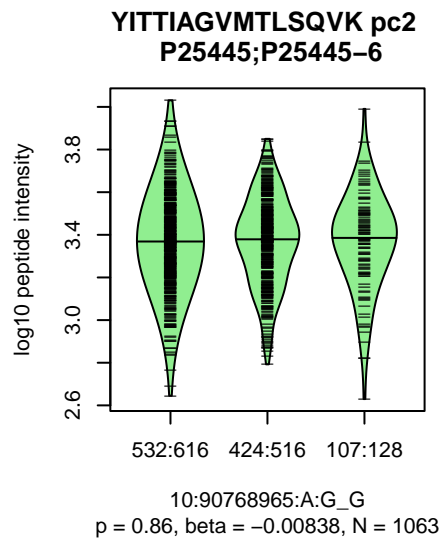
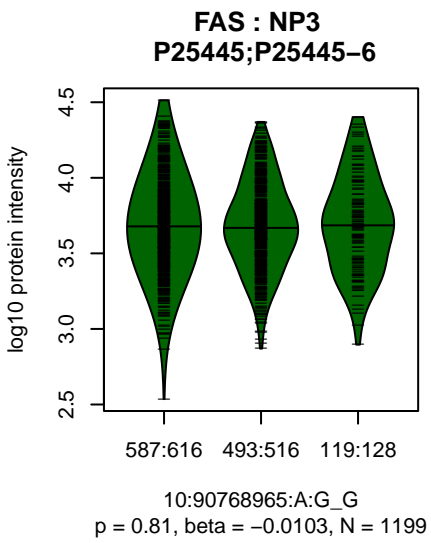
**LEAWDNLNMVTDYDIK pc2
Q99972**



1:171616521:G:A_G
p = 0.65, beta = -0.0685, N = 74

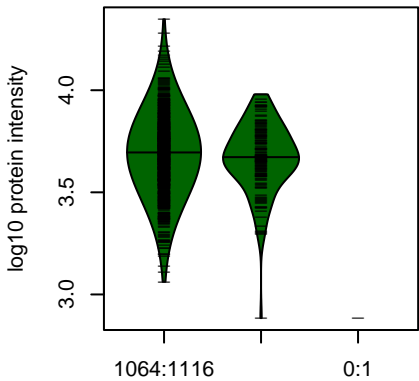
Assay Target: MYOC
Olink UniProt: Q99972
UKB rsID: rs171003
Proxy rsID: rs171003
UKB SNP: 1:171616521:G:A
Proxy SNP: 1:171616521:G:A
UKB log10(p): 404.1
UKB BETA: 0.255

1251:1239:1227:1205:1191:114



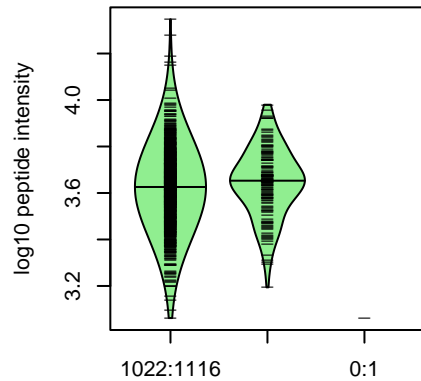
Assay Target: FAS
 Olink UniProt: P25445
 UKB rsID: rs7911226
 Proxy rsID: rs7911226
 UKB SNP: 10:90768965:A:G
 Proxy SNP: 10:90768965:A:G
 UKB log10(p): 399.8
 UKB BETA: -0.26
 -:-:-:-
 1063:924:715:701

HYAL1 : NP5
Q12794



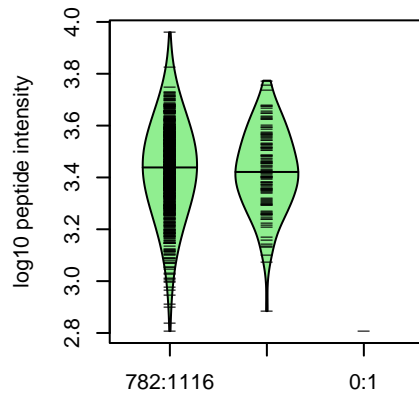
3:50339622:C:T_T
p = 0.25, beta = -0.104, N = 1204

AWMAGTLQLGR pc2
Q12794;Q12794-2



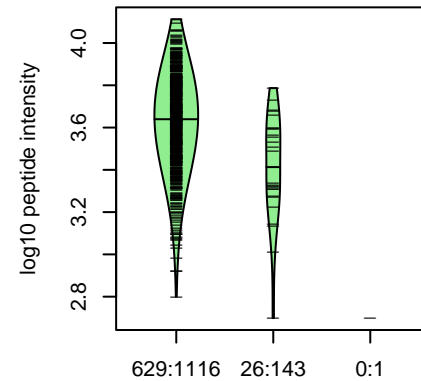
3:50339622:C:T_T
p = 0.17, beta = 0.125, N = 1160

AQNDQLGWLWGQSR pc2
Q12794-3;Q12794;Q12794-2



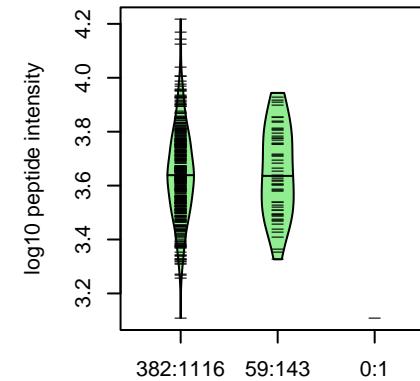
3:50339622:C:T_T
p = 0.84, beta = -0.0196, N = 898

ALYPSIYMPAVLEGTK pc2
Q12794-3;Q12794;Q12794-2



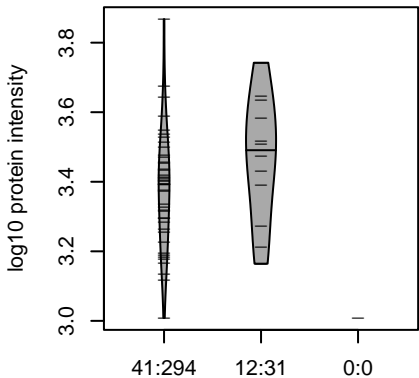
3:50339622:C:T_T
p = 1e-05, beta = -0.871, N = 655

HGVDVDVSVFDVVANPGQTFR pc3
Q12794;Q12794-2



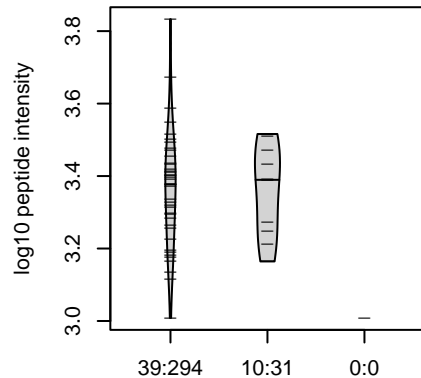
3:50339622:C:T_T
p = 0.62, beta = 0.0681, N = 441

HYAL1 : NP5
Q12794;Q12794-2



3:50339622:C:T_T
p = 0.13, beta = 0.466, N = 53

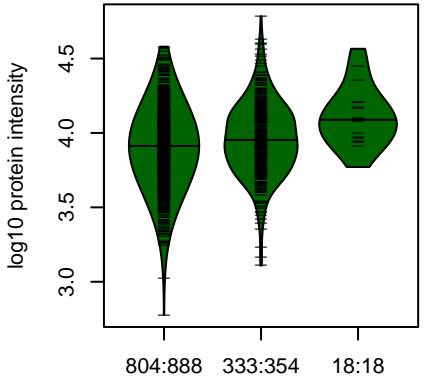
AQNDQLGWLWGQSR pc2
Q12794-3;Q12794;Q12794-2



3:50339622:C:T_T
p = 0.79, beta = 0.0894, N = 49

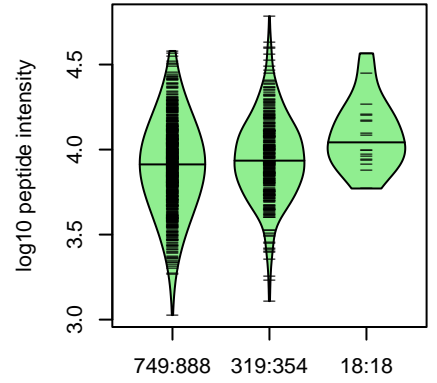
Assay Target: HYAL1
Olink UniProt: Q12794
UKB rsID: rs116482870
Proxy rsID: rs116482870
UKB SNP: 3:50339622:C:T
Proxy SNP: 3:50339622:C:T
UKB log10(p): 398.1
UKB BETA: -0.542
-:-*:-:-
1160:898:655:441:146

CD8A : NP3
B8ZZZ4;P01732;P01732-2



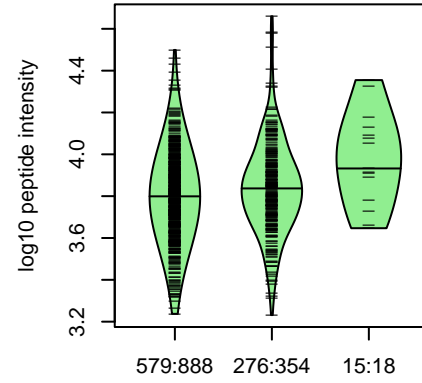
2:87016506:A:G_G
 $p = 3.9e-05$, $\beta = 0.241$, $N = 1155$

TWNLGETVELK pc2
B8ZZZ4;P01732;P01732-2



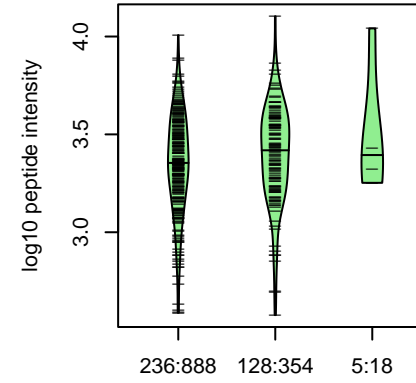
2:87016506:A:G_G
 $p = 0.00046$, $\beta = 0.21$, $N = 1086$

AAEGLDTQR pc2
B8ZZZ4;P01732;P01732-2



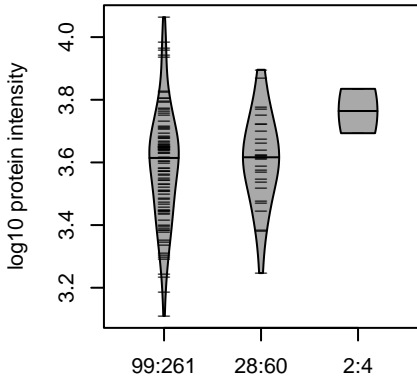
2:87016506:A:G_G
 $p = 0.0014$, $\beta = 0.21$, $N = 870$

GAAASPTFLLYLSQNK pc2
B8ZZZ4;P01732;P01732-2



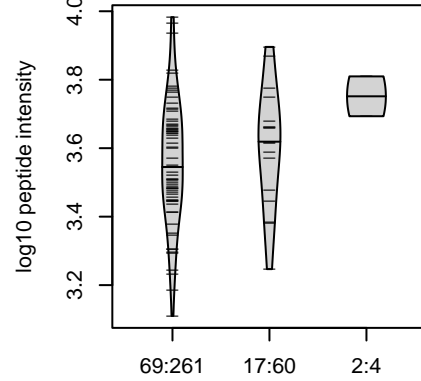
2:87016506:A:G_G
 $p = 0.1$, $\beta = 0.164$, $N = 369$

CD8A : NP3
P01732-2



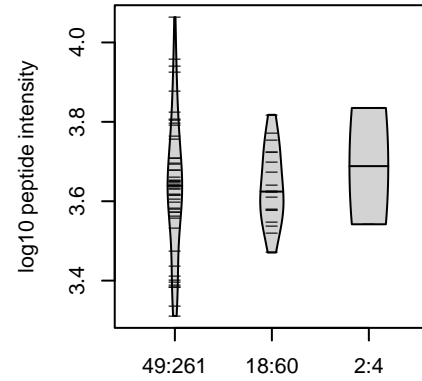
2:87016506:A:G_G
 $p = 0.29$, $\beta = 0.193$, $N = 129$

TWNLGETVELK pc2
B8ZZZ4;P01732;P01732-2



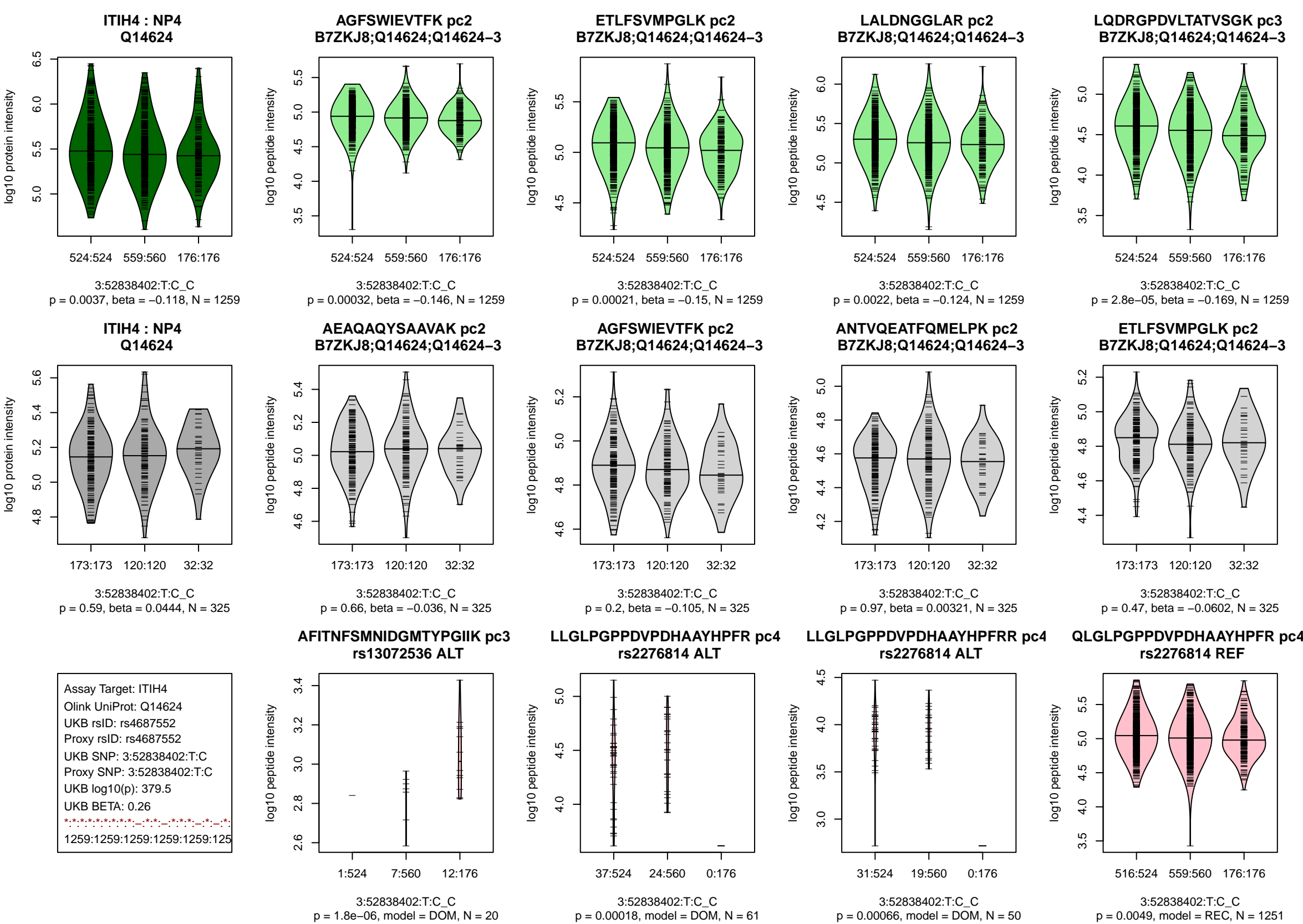
2:87016506:A:G_G
 $p = 0.17$, $\beta = 0.297$, $N = 88$

AAEGLDTQR pc2
B8ZZZ4;P01732;P01732-2

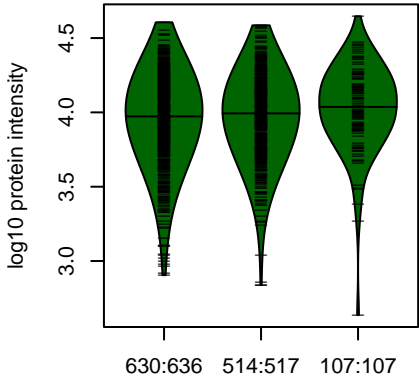


2:87016506:A:G_G
 $p = 0.91$, $\beta = 0.0243$, $N = 69$

Assay Target: CD8A
Olink UniProt: P01732
UKB rsID: rs3020726
Proxy rsID: rs3020726
UKB SNP: 2:87016506:A:G
Proxy SNP: 2:87016506:A:G
UKB log10(p): 383.5
UKB BETA: 0.345
..-;--
1086:870:369:65

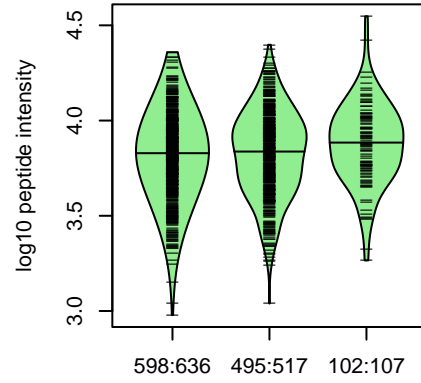


**CCN3 : NP4
P48745**



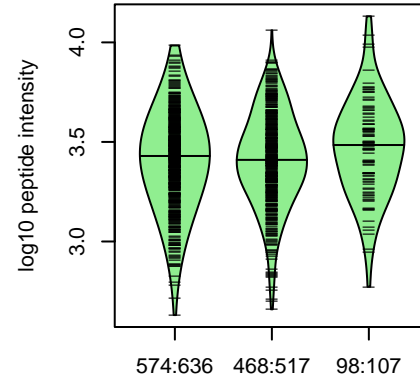
8:120429024:G:A_A
p = 0.032, beta = 0.0935, N = 1251

**FCGVCS DGR pc2
P48745**



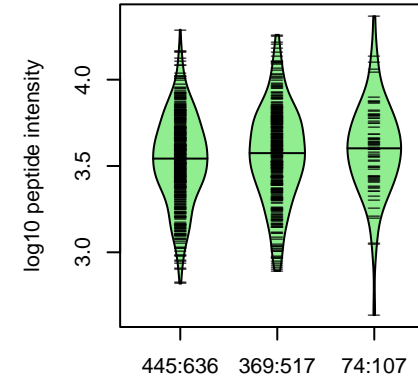
8:120429024:G:A_A
p = 0.021, beta = 0.103, N = 1195

**NNEAFLQELELK pc2
P48745**



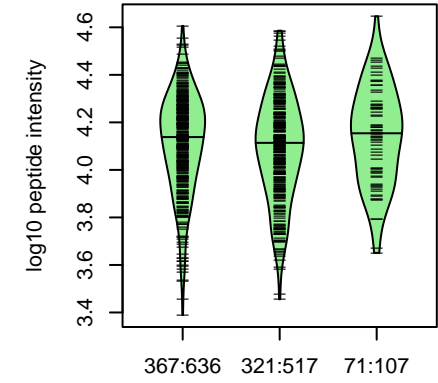
8:120429024:G:A_A
p = 0.077, beta = 0.0808, N = 1140

**AIHLQFK pc2
P48745**



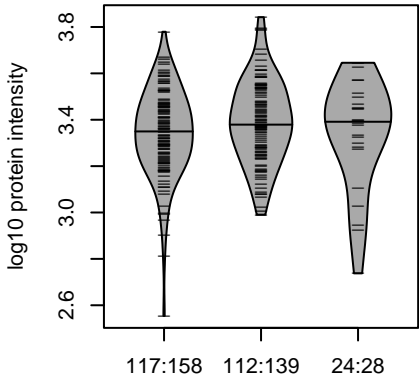
8:120429024:G:A_A
p = 0.052, beta = 0.101, N = 888

**DGQIGCVPR pc2
P48745**



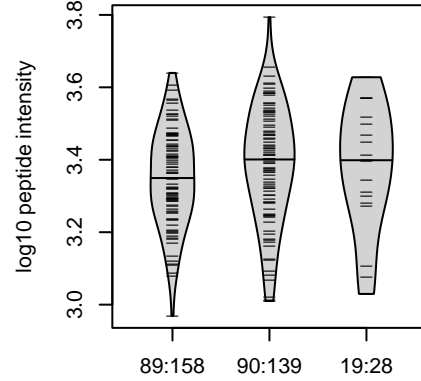
8:120429024:G:A_A
p = 0.45, beta = 0.0421, N = 759

**CCN3 : NP4
P48745**



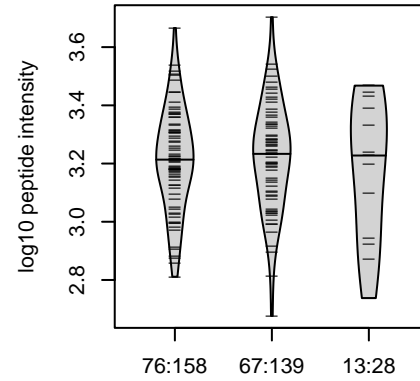
8:120429024:G:A_A
p = 0.3, beta = 0.098, N = 253

**NNEAFLQELELK pc2
P48745**



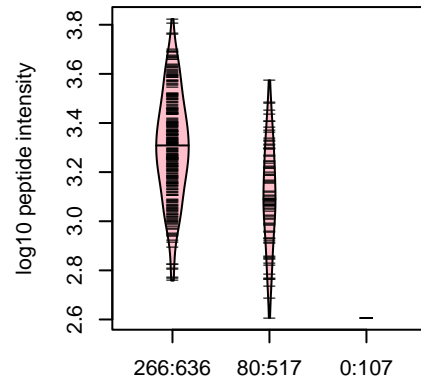
8:120429024:G:A_A
p = 0.12, beta = 0.167, N = 198

**CQLDVLLPEPNCAPR pc2
P48745**



8:120429024:G:A_A
p = 0.96, beta = 0.00564, N = 156

**CPATPPTCAGVR pc2
rs2279112 REF**

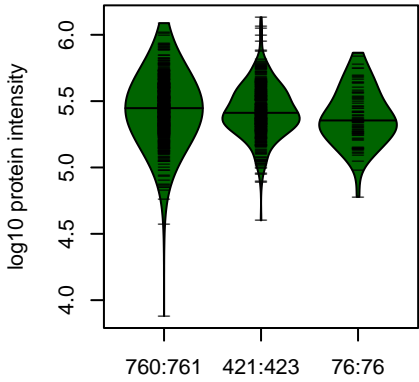


8:120429024:G:A_A
p = 1.1e-31, model = REC, N = 346

Assay Target: CCN3
Olink UniProt: P48745
UKB rsID: rs2279112
Proxy rsID: rs2279112
UKB SNP: 8:120429024:G:A
Proxy SNP: 8:120429024:G:A
UKB log10(p): 370.3
UKB BETA: -0.264

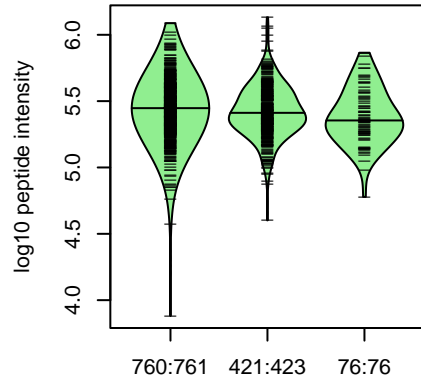
1195:1140:888:759:683:635:588

**MARCO : NP5
Q9UEW3**



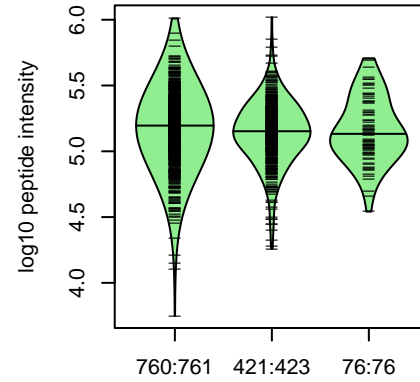
2:119728472:C:T_T
p = 8.7e-05, beta = -0.181, N = 1257

**GTESTLWSCTK pc2
Q9UEW3**



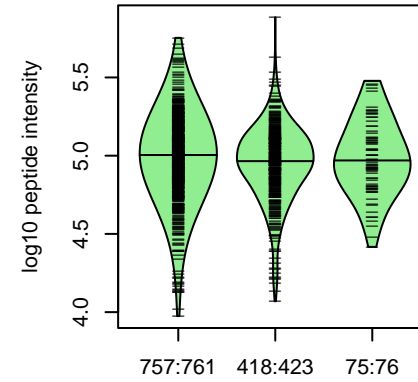
2:119728472:C:T_T
p = 1e-04, beta = -0.179, N = 1257

**LQVLQAQLTWVR pc2
Q9UEW3**



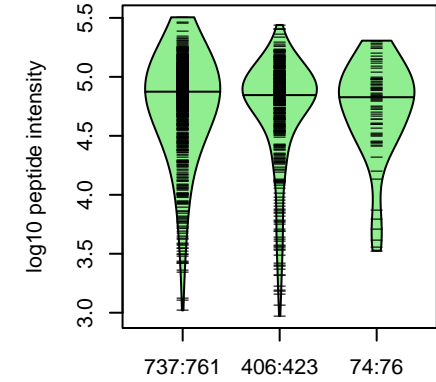
2:119728472:C:T_T
p = 0.015, beta = -0.112, N = 1257

**GENSVSVR pc2
Q9UEW3**



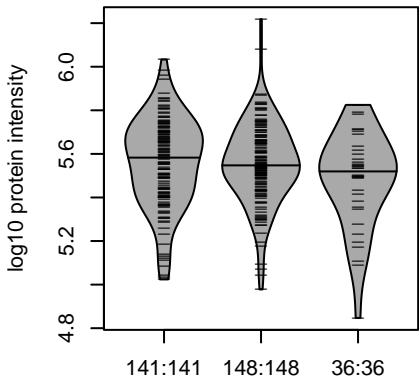
2:119728472:C:T_T
p = 0.0053, beta = -0.129, N = 1250

**VGAGTGQIWLNDNVQCR pc2
Q9UEW3**



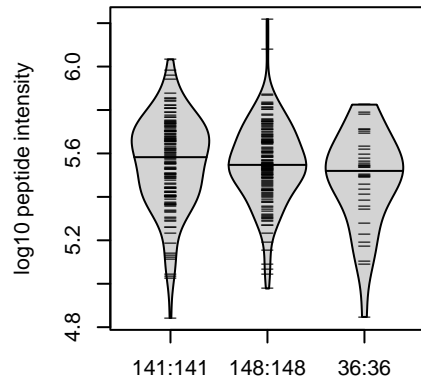
2:119728472:C:T_T
p = 0.0082, beta = -0.124, N = 1217

**MARCO : NP5
Q9UEW3**



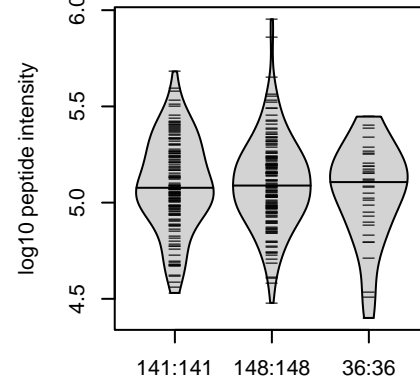
2:119728472:C:T_T
p = 0.039, beta = -0.17, N = 325

**GTESTLWSCTK pc2
Q9UEW3**



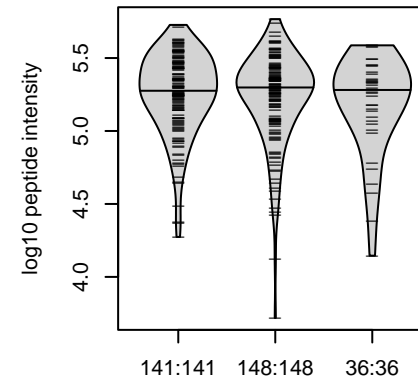
2:119728472:C:T_T
p = 0.042, beta = -0.168, N = 325

**LQVLQAQLTWVR pc2
Q9UEW3**



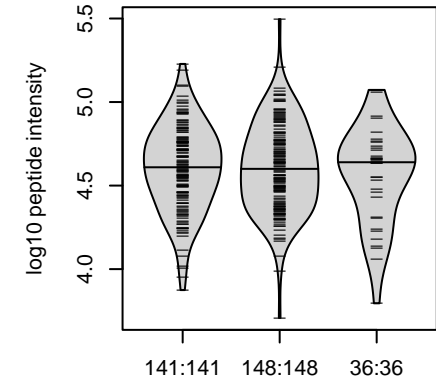
2:119728472:C:T_T
p = 0.2, beta = -0.105, N = 325

**VGAGTGQIWLNDNVQCR pc2
Q9UEW3**



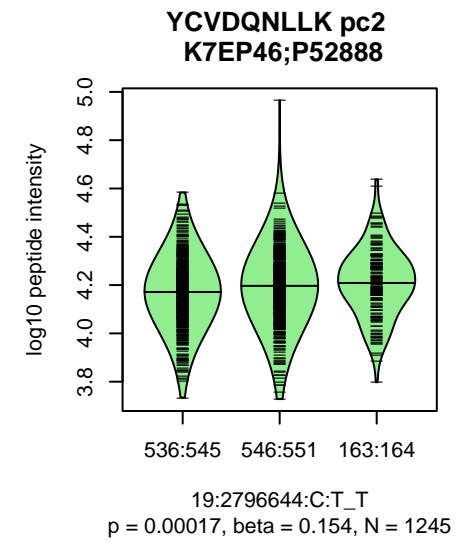
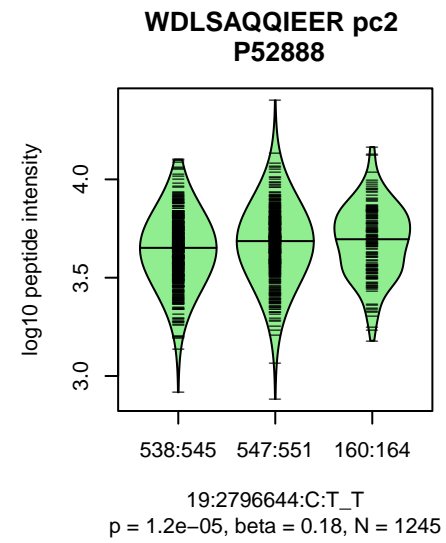
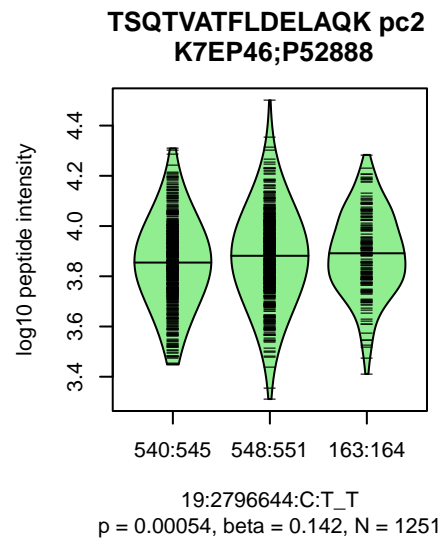
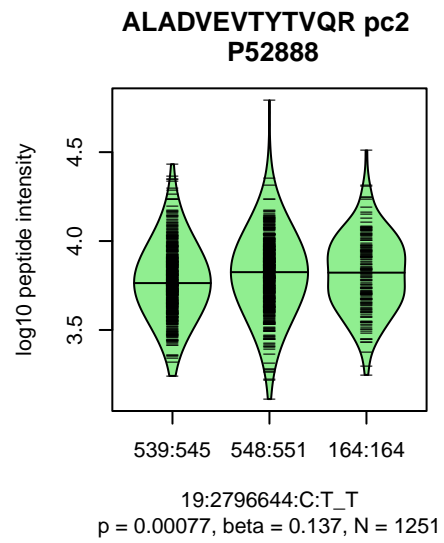
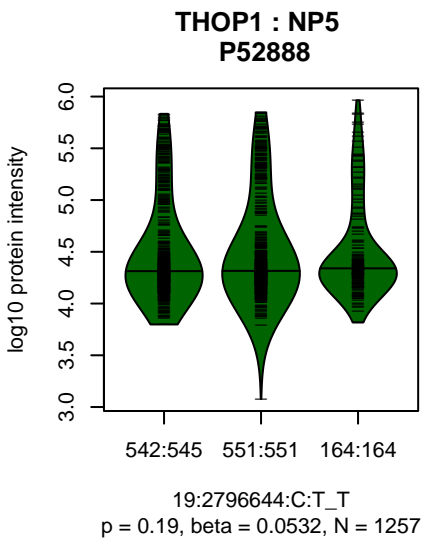
2:119728472:C:T_T
p = 0.084, beta = -0.142, N = 325

**VSHEHLLQR pc2
Q9UEW3**



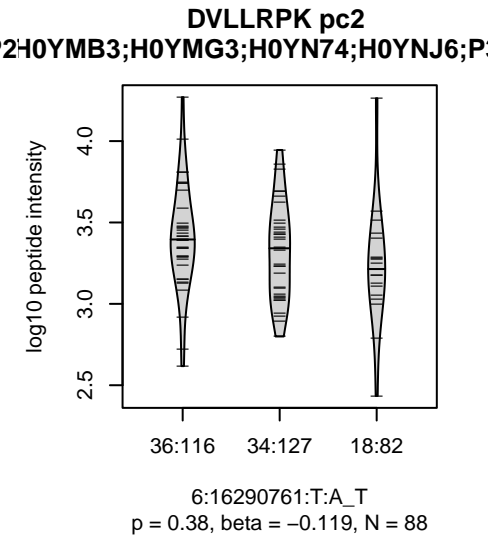
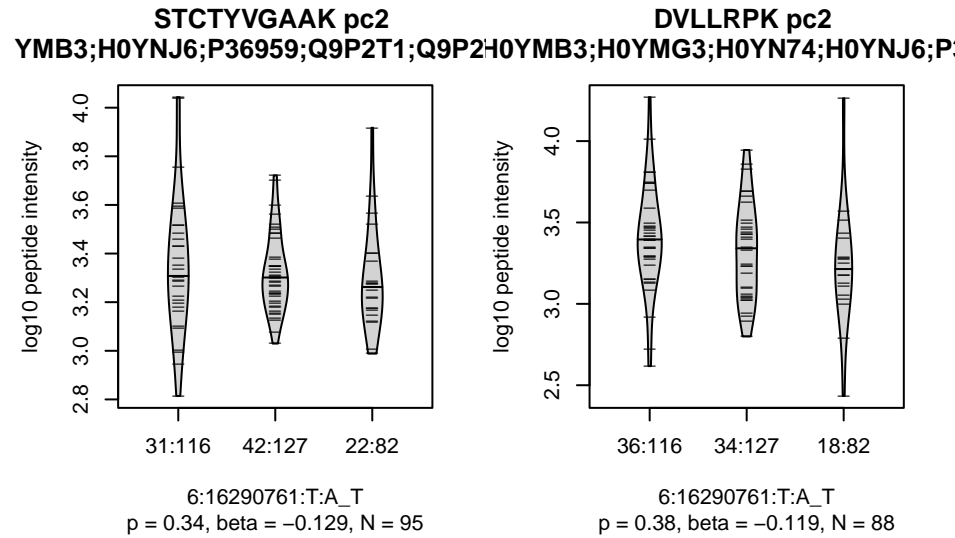
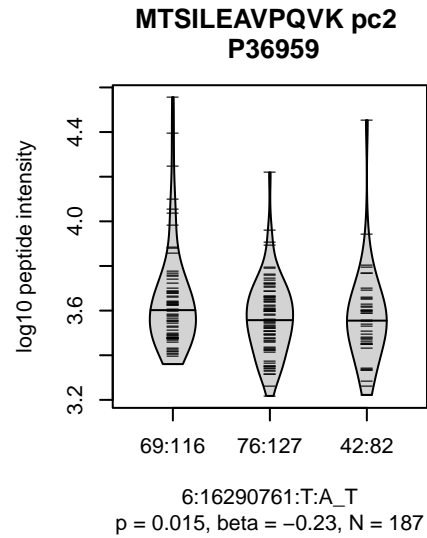
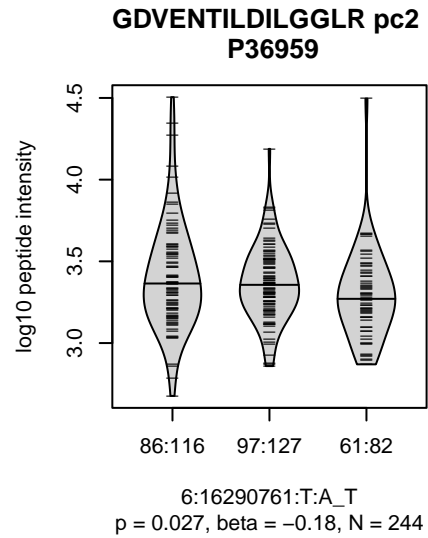
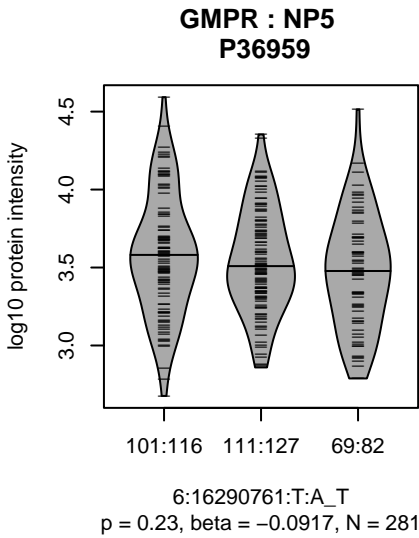
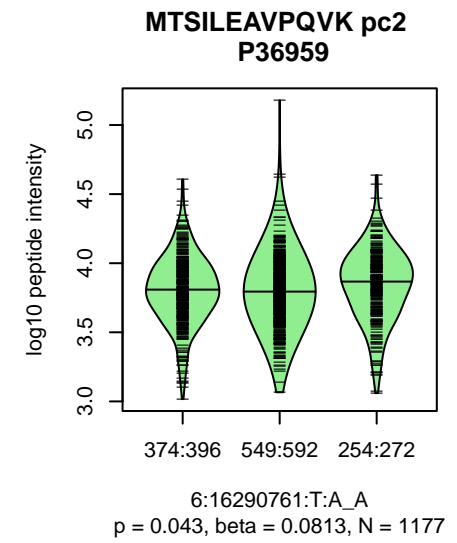
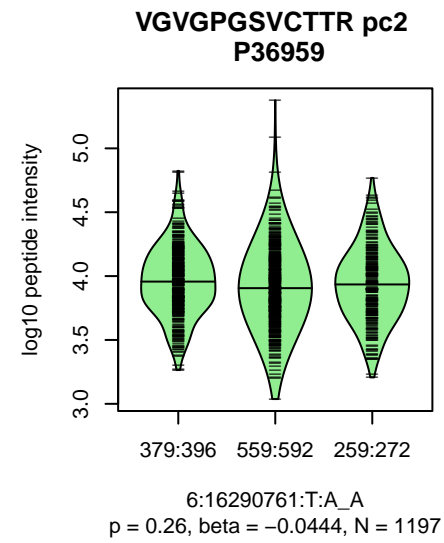
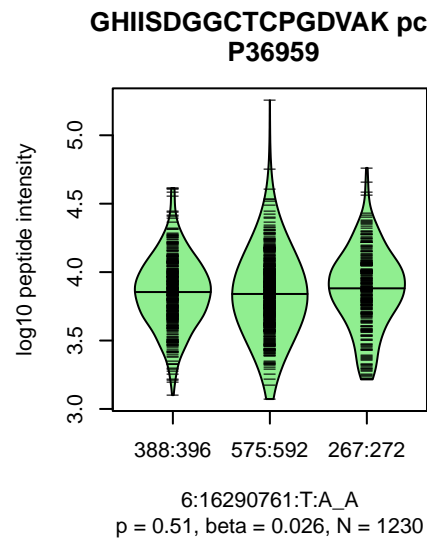
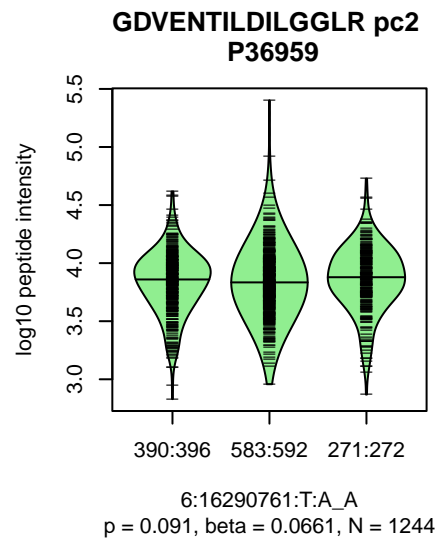
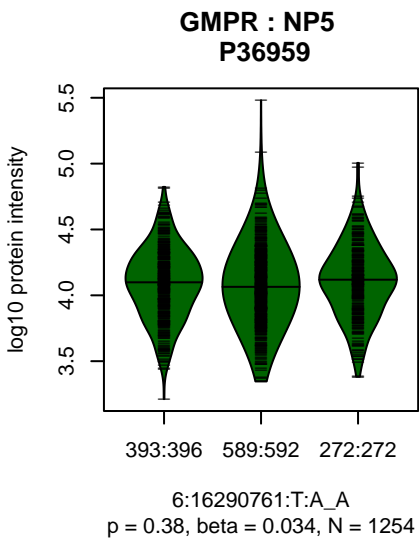
2:119728472:C:T_T
p = 0.29, beta = -0.088, N = 325

Assay Target: MARCO
Olink UniProt: Q9UEW3
UKB rsID: rs35288880
Proxy rsID: rs35288880
UKB SNP: 2:119728472:C:T
Proxy SNP: 2:119728472:C:T
UKB log10(p): 367.5
UKB BETA: -0.324
.-..*.-.-.-
1257:1257:1250:1217:1211:110



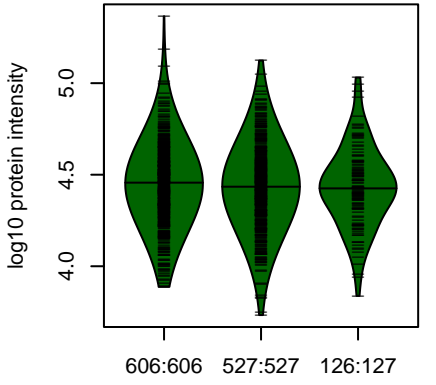
Assay Target: THOP1
 Olink UniProt: P52888
 UKB rsID: rs550767741
 Proxy rsID: rs2741990
 UKB SNP: 19:2786763:A:ATTT
 Proxy SNP: 19:2796644:C:T
 UKB log10(p): 366.5
 UKB BETA: 0.266

 1251:1251:1245:1245:1236:123



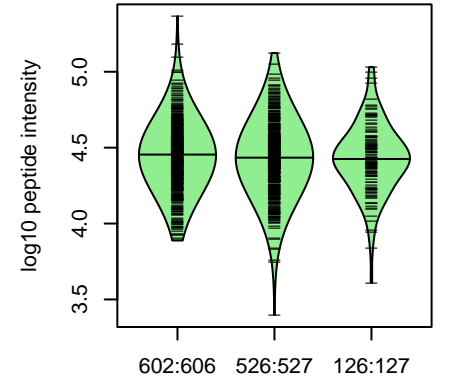
Assay Target: GMPR
 Olink UniProt: P36959
 UKB rsID: rs1042391
 Proxy rsID: rs1042391
 UKB SNP: 6:16290761:T:A
 Proxy SNP: 6:16290761:T:A
 UKB log10(p): 362.5
 UKB BETA: 0.252
 -----NA
 1244:1230:1197:1177:1174:109

**GRN : NP4
P28799**



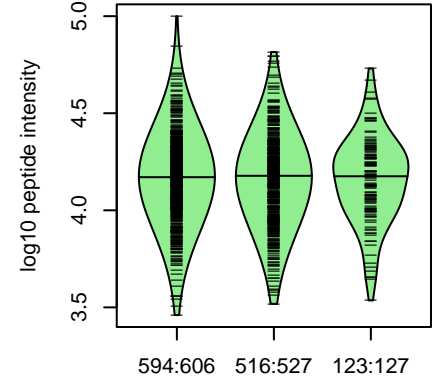
17:42430244:C:T_T
p = 0.27, beta = -0.0473, N = 1259

**HCCPAGFR pc2
K7EQ05;P28799;P28799-2**



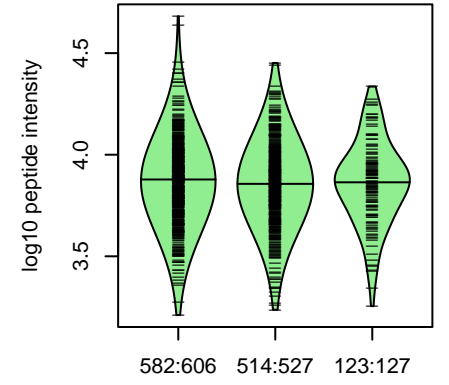
17:42430244:C:T_T
p = 0.21, beta = -0.0535, N = 1254

**QGWACCPYR pc2
K7EQ05;P28799;P28799-2**



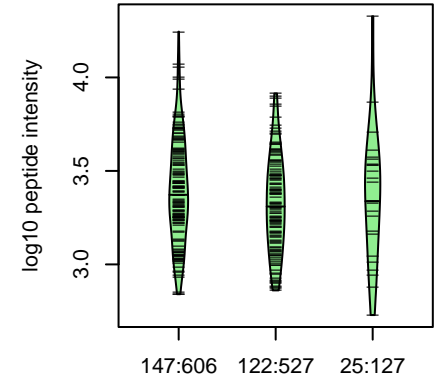
17:42430244:C:T_T
p = 0.48, beta = -0.0302, N = 1233

**QGVCCADR pc2
K7EQ05;P28799;P28799-2**



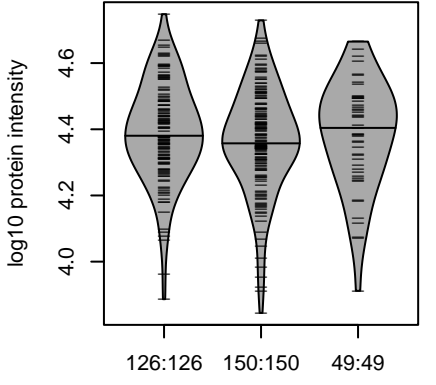
17:42430244:C:T_T
p = 0.37, beta = -0.0389, N = 1219

**VHCCPHGAFCDLVHTR pc4
P28799;P28799-2**



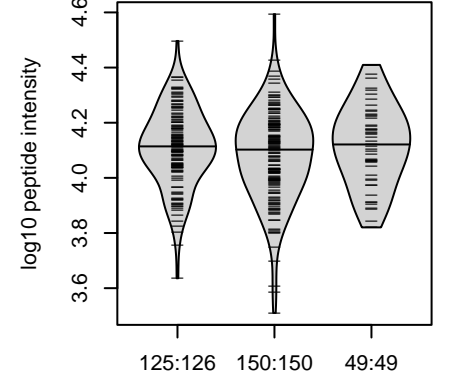
17:42430244:C:T_T
p = 0.14, beta = -0.131, N = 294

**GRN : NP4
P28799;P28799-2**



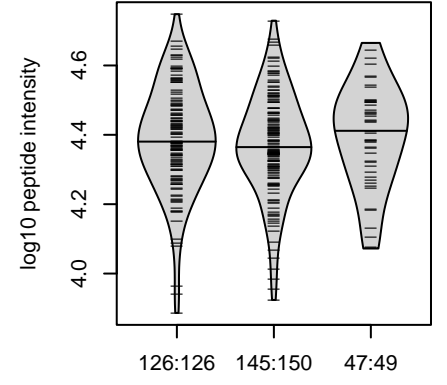
17:42430244:C:T_T
p = 0.26, beta = -0.0887, N = 325

**QGWACCPYR pc2
K7EQ05;P28799;P28799-2**



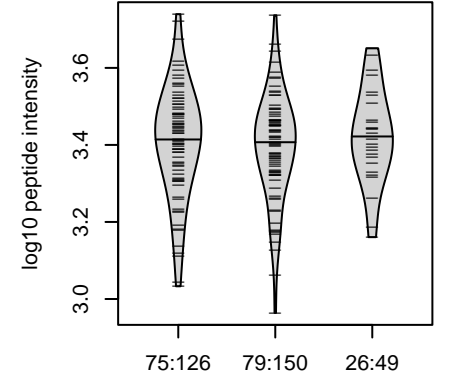
17:42430244:C:T_T
p = 0.42, beta = -0.0631, N = 324

**HCCPAGFR pc2
K7EQ05;P28799;P28799-2**



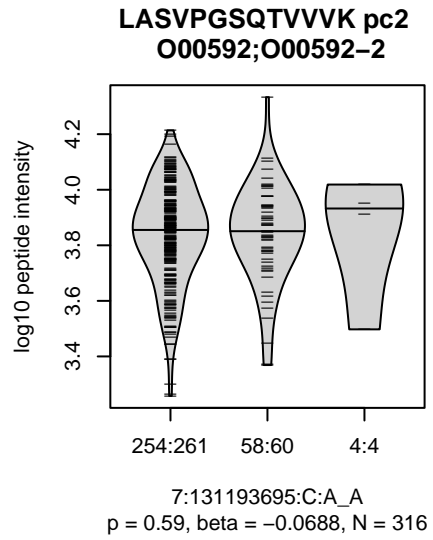
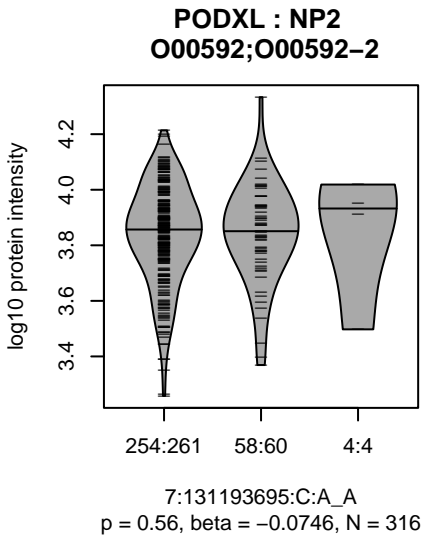
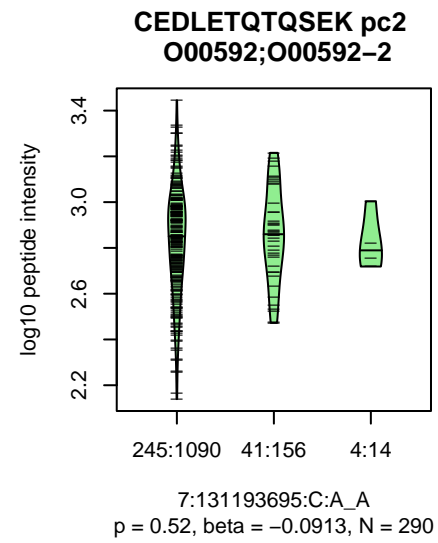
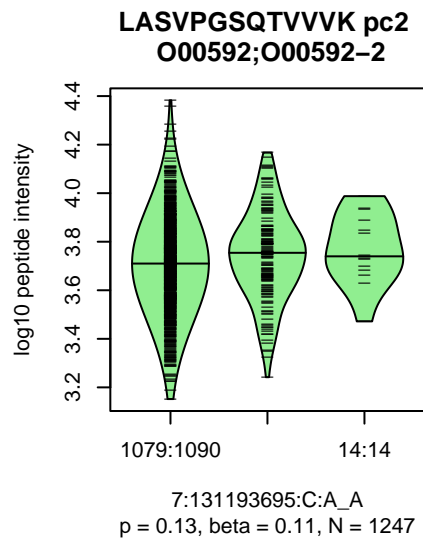
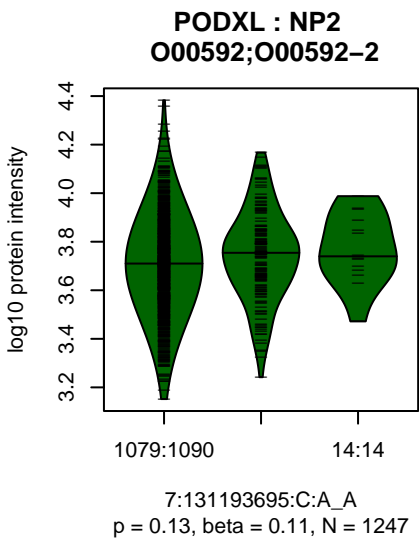
17:42430244:C:T_T
p = 0.59, beta = -0.0429, N = 318

**QGVCCADR pc2
K7EQ05;P28799;P28799-2**

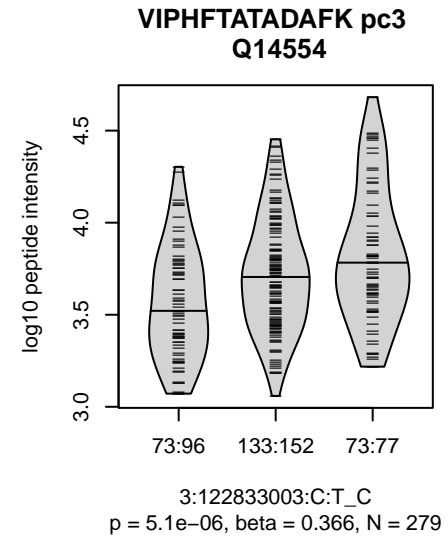
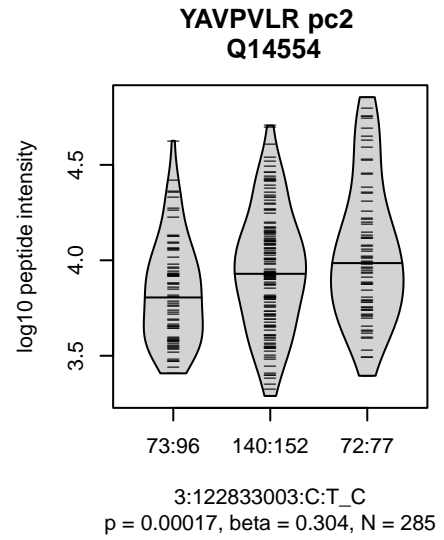
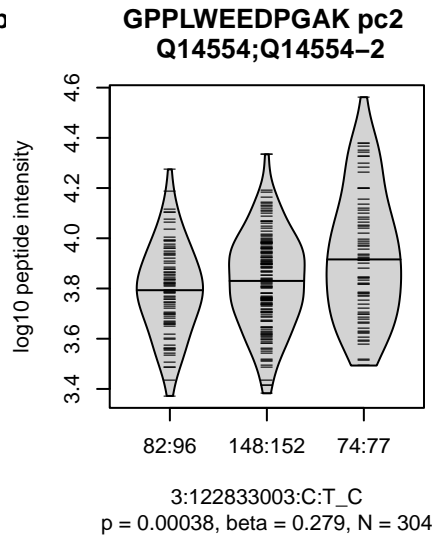
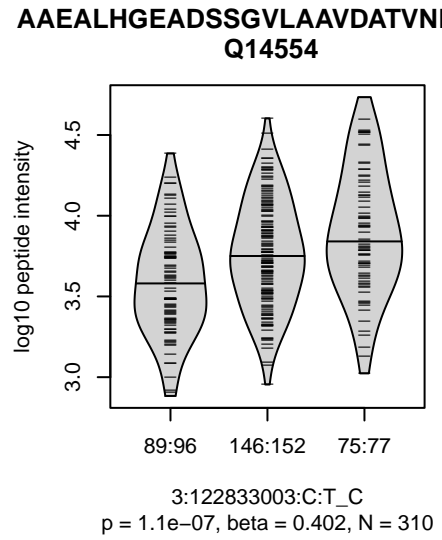
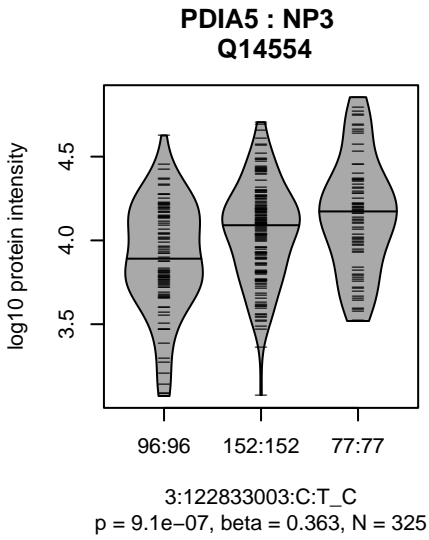
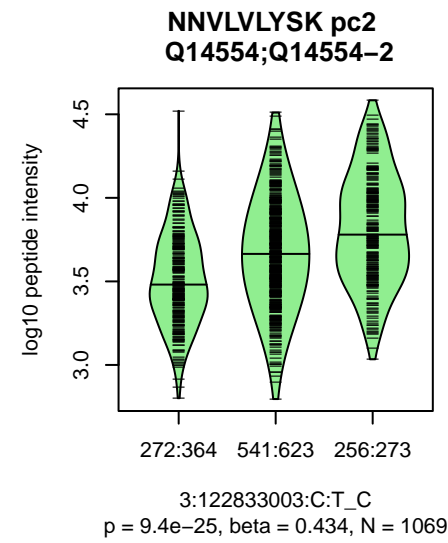
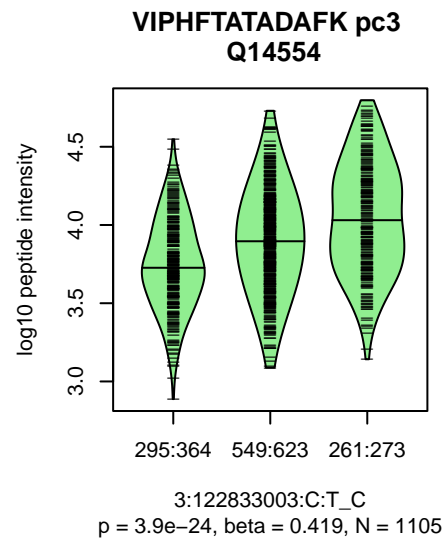
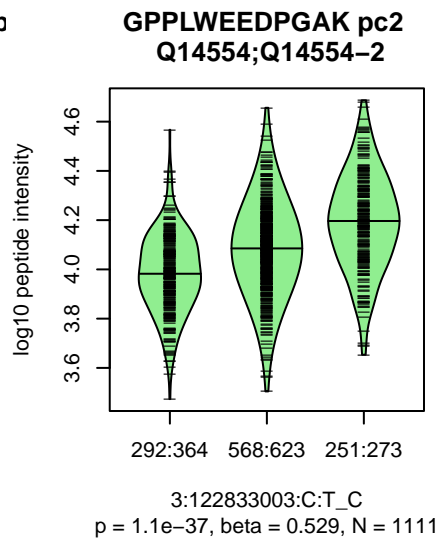
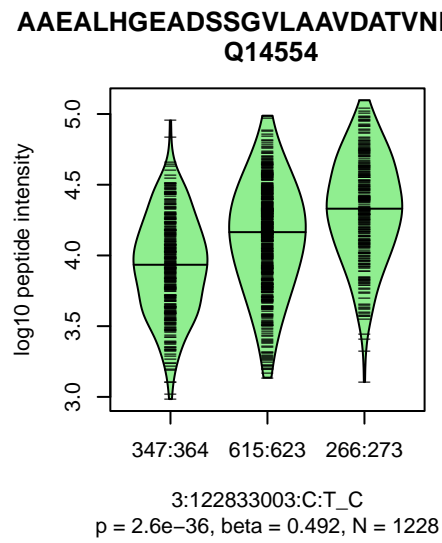
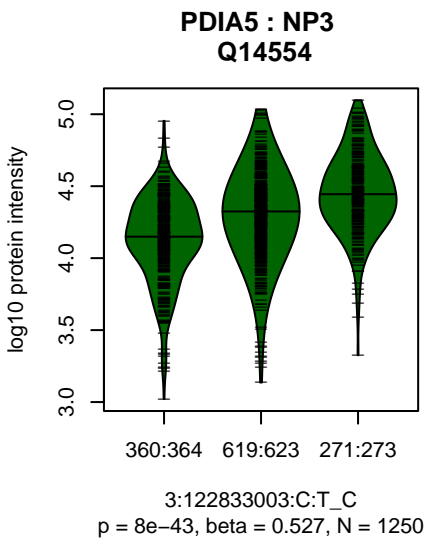


17:42430244:C:T_T
p = 0.94, beta = -0.0074, N = 180

Assay Target: GRN
Olink UniProt: P28799
UKB rsID: rs5848
Proxy rsID: rs5848
UKB SNP: 17:42430244:C:T
Proxy SNP: 17:42430244:C:T
UKB log10(p): 351.4
UKB BETA: -0.25
-:-:-:-:-NA
1254:1233:1219:294:280:58:16



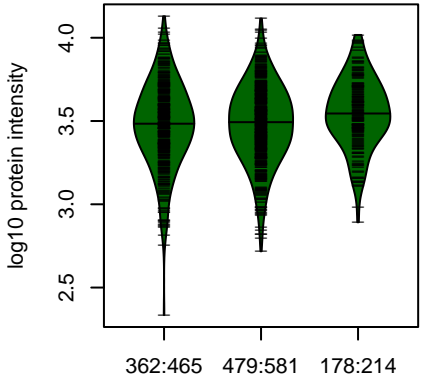
Assay Target: PODXL
 Olink UniProt: O00592
 UKB rsID: rs3212298
 Proxy rsID: rs3212299
 UKB SNP: 7:131193739:C:T
 Proxy SNP: 7:131193695:C:A
 UKB log₁₀(p): 325.3
 UKB BETA: -0.555
 -: -
 1247:290



Assay Target: PDIA5
 Olink UniProt: Q14554
 UKB rsID: rs3804749
 Proxy rsID: rs3804749
 UKB SNP: 3:122833003:C:T
 Proxy SNP: 3:122833003:C:T
 UKB log10(p): 321.3
 UKB BETA: -0.247

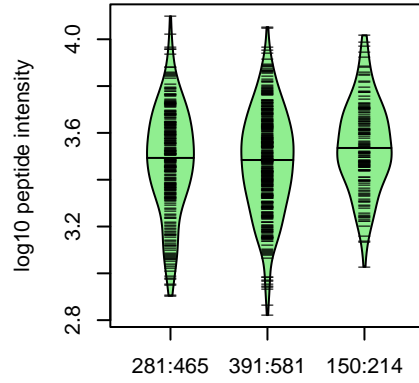
 1228:1111:1105:1069:1051:100

ST3GAL1 : NP4
Q11201



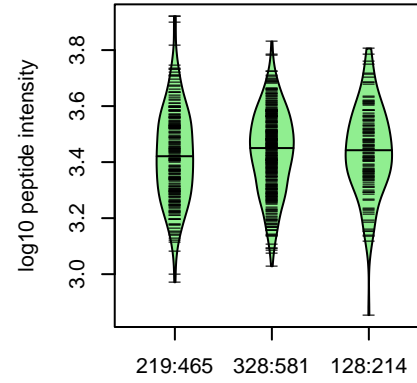
8:134503148:C:T_C
p = 0.0041, beta = 0.127, N = 1019

CAVVGNSGNLR pc2
Q11201;Q16842



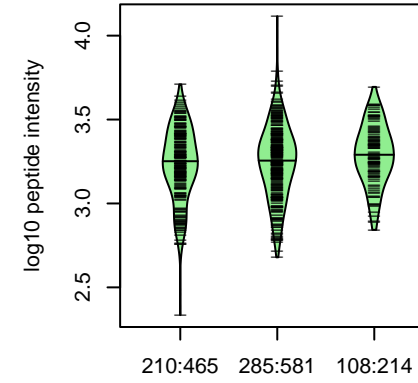
8:134503148:C:T_C
p = 0.016, beta = 0.118, N = 822

QMVLESENK pc2
Q11201



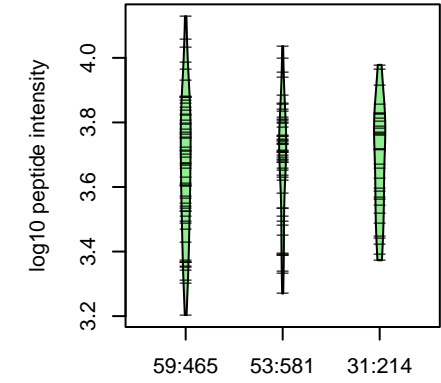
8:134503148:C:T_C
p = 0.26, beta = 0.0609, N = 675

APTAGFEADVGTK pc2
Q11201



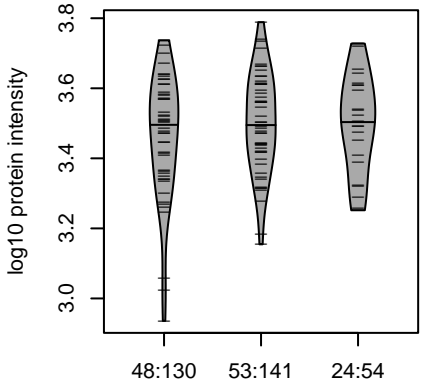
8:134503148:C:T_C
p = 0.025, beta = 0.128, N = 603

TTHHLVPESFR pc3
Q11201



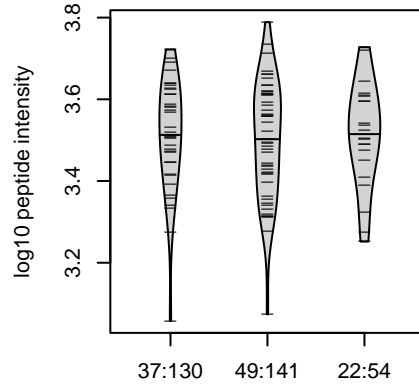
8:134503148:C:T_C
p = 0.81, beta = 0.0256, N = 143

ST3GAL1 : NP4
Q11201



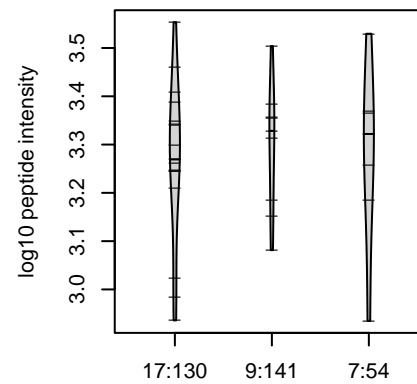
8:134503148:C:T_C
p = 0.76, beta = 0.0364, N = 125

CAVVGNSGNLR pc2
Q11201;Q16842



8:134503148:C:T_C
p = 0.37, beta = -0.116, N = 108

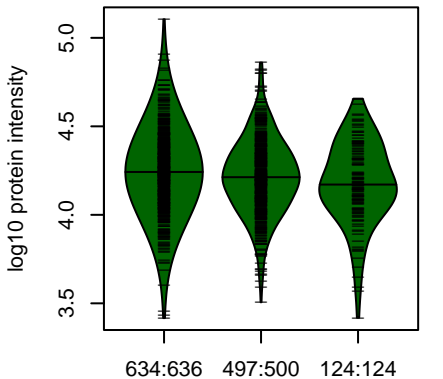
APTAGFEADVGTK pc2
Q11201



8:134503148:C:T_C
p = 0.87, beta = -0.0325, N = 33

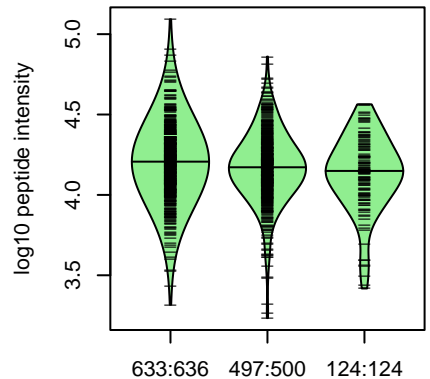
Assay Target: ST3GAL1
Olink UniProt: Q11201
UKB rsID: rs9643300
Proxy rsID: rs9643300
UKB SNP: 8:134503148:C:T
Proxy SNP: 8:134503148:C:T
UKB log10(p): 312.8
UKB BETA: -0.227
-:-:-:-
822:675:603:143

**CD59 : NP1
P13987**



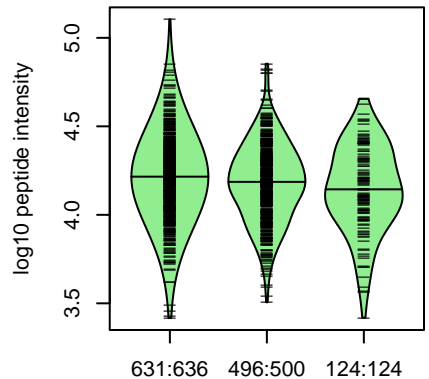
11:33739598:G:A_A
p = 0.00045, beta = -0.149, N = 1255

**FEHCNFNDVTR pc3
E9PNW4;P13987-2;P13987**



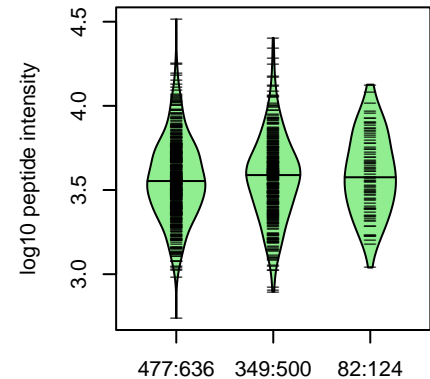
11:33739598:G:A_A
p = 0.00014, beta = -0.161, N = 1254

**AGLQVYNK pc2
E9PNW4;P13987-2;P13987**



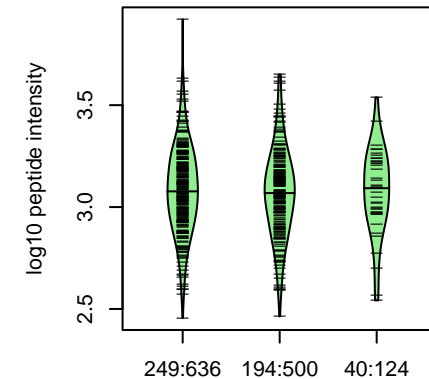
11:33739598:G:A_A
p = 6e-04, beta = -0.145, N = 1251

**LRENELTYYCCK pc3
E9PNW4;P13987-2;P13987**



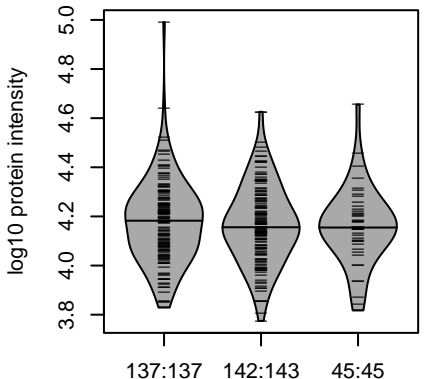
11:33739598:G:A_A
p = 0.54, beta = 0.0313, N = 908

**ENELTYYCCK pc2
E9PNW4;P13987-2;P13987**



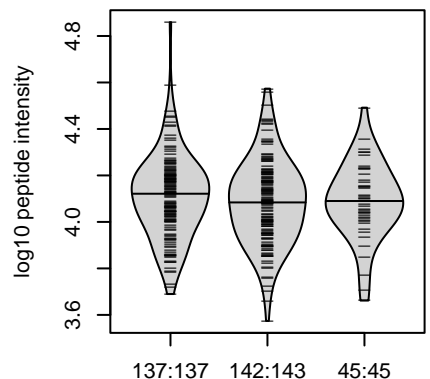
11:33739598:G:A_A
p = 0.39, beta = -0.0604, N = 483

**CD59 : NP1
P13987**



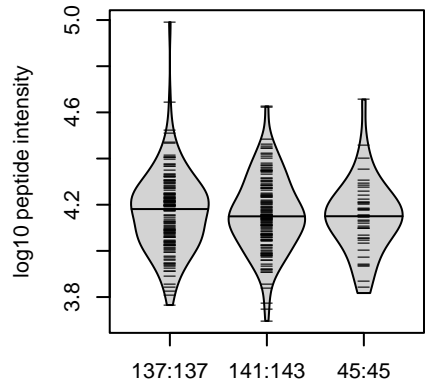
11:33739598:G:A_A
p = 0.28, beta = -0.086, N = 324

**FEHCNFNDVTR pc3
E9PNW4;P13987-2;P13987**



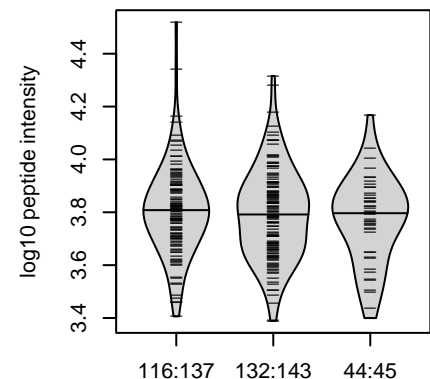
11:33739598:G:A_A
p = 0.19, beta = -0.103, N = 324

**AGLQVYNK pc2
E9PNW4;P13987-2;P13987**



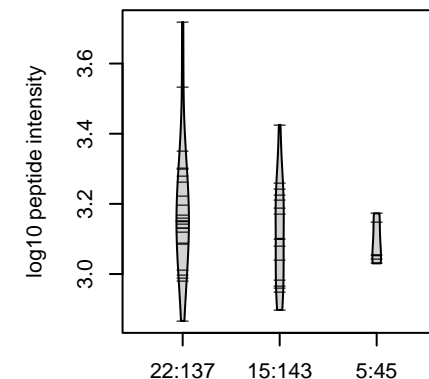
11:33739598:G:A_A
p = 0.29, beta = -0.0834, N = 323

**LRENELTYYCCK pc3
E9PNW4;P13987-2;P13987**



11:33739598:G:A_A
p = 0.14, beta = -0.123, N = 292

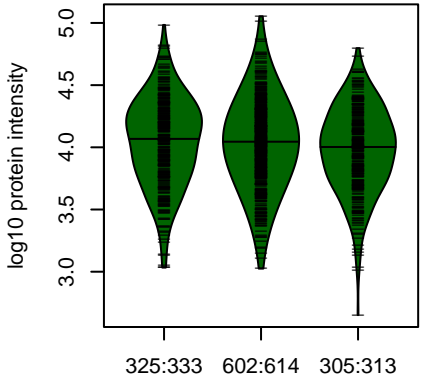
**ENELTYYCCK pc2
E9PNW4;P13987-2;P13987**



11:33739598:G:A_A
p = 0.57, beta = -0.121, N = 42

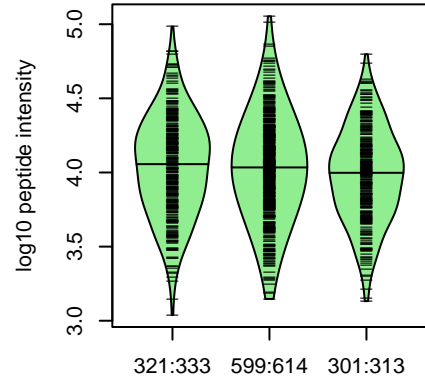
Assay Target: CD59
Olink UniProt: P13987
UKB rsID: rs831636
Proxy rsID: rs831636
UKB SNP: 11:33739598:G:A
Proxy SNP: 11:33739598:G:A
UKB log10(p): 305.8
UKB BETA: -0.229
.-:-:-:-
1254:1251:908:589:483:60

SDC4 : NP2
P31431



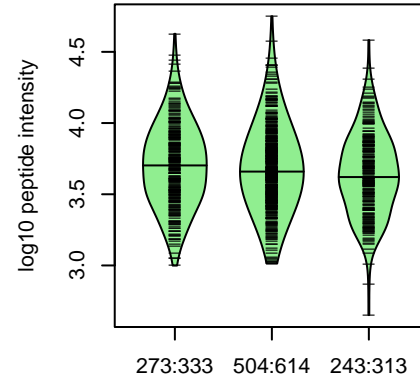
20:43974319:C:T_T
p = 0.00063, beta = -0.135, N = 1232

AGSGSQVPTPK pc2
P31431



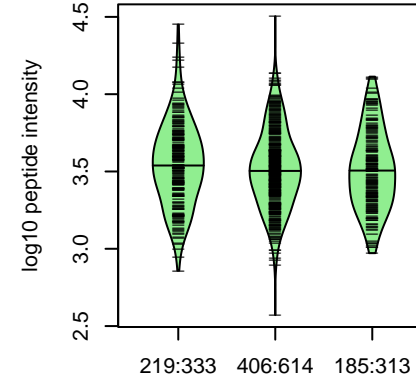
20:43974319:C:T_T
p = 0.0012, beta = -0.129, N = 1221

KLEENEVIPK pc2
P31431



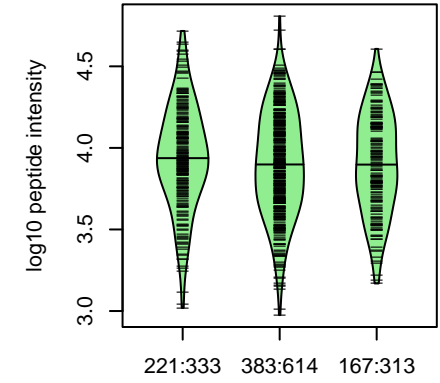
20:43974319:C:T_T
p = 0.0018, beta = -0.136, N = 1020

ETEVIDPQDLLEGR pc2
P31431



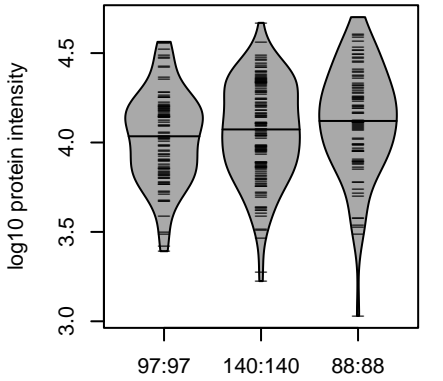
20:43974319:C:T_T
p = 0.026, beta = -0.111, N = 810

ISPVEESEDVSNK pc2
P31431



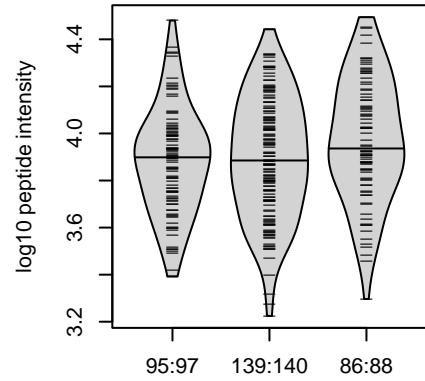
20:43974319:C:T_T
p = 0.073, beta = -0.091, N = 771

SDC4 : NP2
P31431



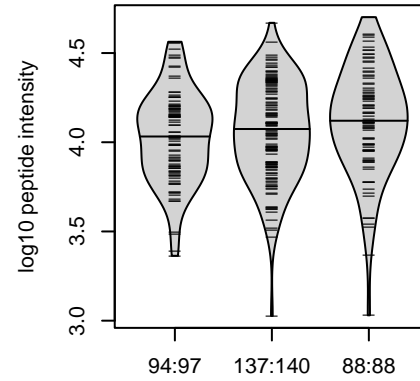
20:43974319:C:T_C
p = 0.0093, beta = 0.188, N = 325

KLEENEVIPK pc2
P31431



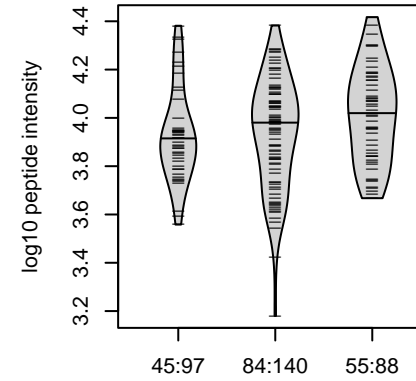
20:43974319:C:T_C
p = 0.027, beta = 0.162, N = 320

AGSGSQVPTPK pc2
P31431



20:43974319:C:T_C
p = 0.016, beta = 0.175, N = 319

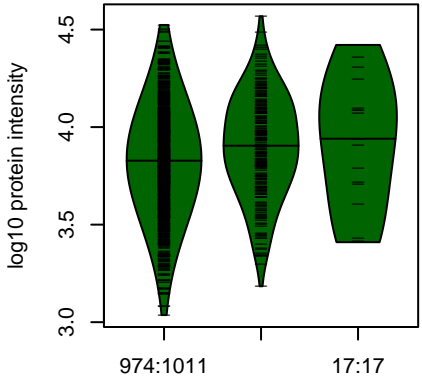
ISPVEESEDVSNK pc2
P31431



20:43974319:C:T_C
p = 0.1, beta = 0.16, N = 184

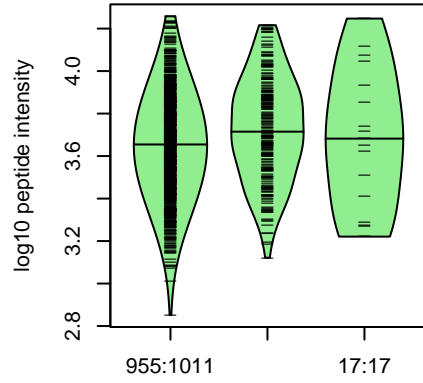
Assay Target: SDC4
 Olink UniProt: P31431
 UKB rsID: rs2741454
 Proxy rsID: rs2741454
 UKB SNP: 20:43974319:C:T
 Proxy SNP: 20:43974319:C:T
 UKB log10(p): 302.4
 UKB BETA: -0.226
 *.-.-.-.-
 1221:1020:810:771:544:99

C1QTNF1 : NP5
A0A0C4DFP7;Q9BXJ1



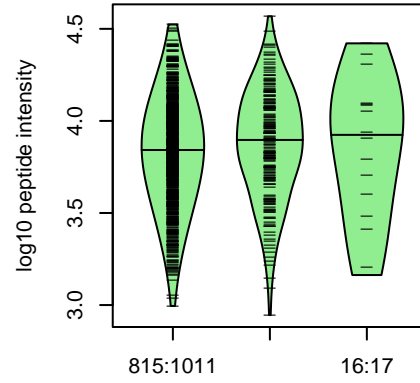
17:77018400:C:T_T
p = 5.5e-06, beta = 0.293, N = 1215

SIMQSQSLMLELR pc2
A0A0C4DFP7;Q9BXJ1



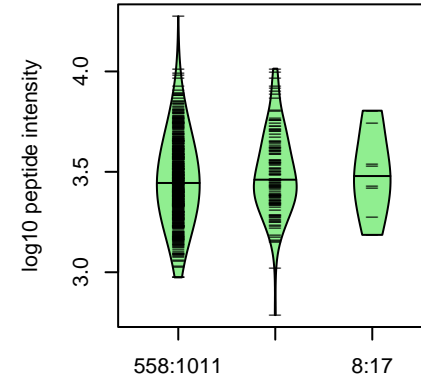
17:77018400:C:T_T
p = 1.2e-05, beta = 0.286, N = 1188

EQDQVWVR pc2
A0A0C4DFP7;Q9BXJ1



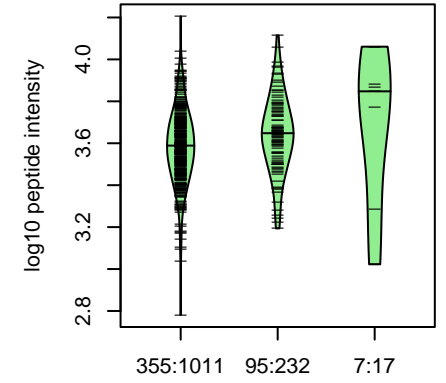
17:77018400:C:T_T
p = 0.025, beta = 0.154, N = 1028

ETYLHIMK pc2
A0A0C4DFP7;Q9BXJ1



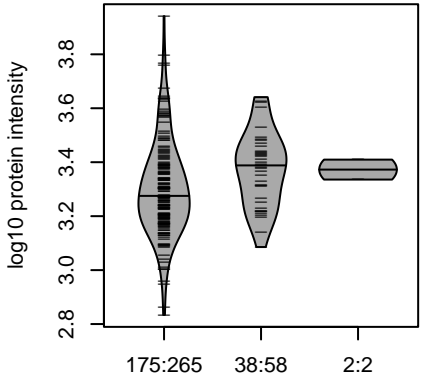
17:77018400:C:T_T
p = 0.044, beta = 0.175, N = 694

SHYAAFSVGR pc2
A0A0C4DFP7;Q9BXJ1



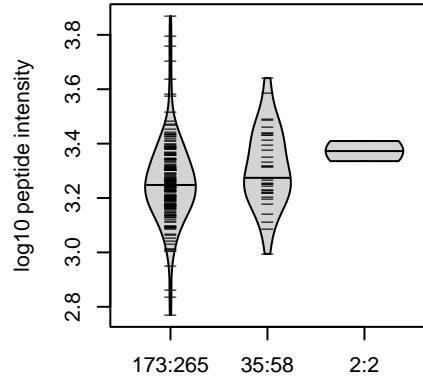
17:77018400:C:T_T
p = 0.0039, beta = 0.289, N = 457

C1QTNF1 : NP5
A0A0C4DFP7;Q9BXJ1



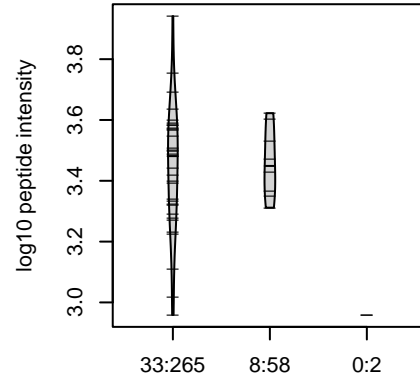
17:77018400:C:T_T
p = 0.012, beta = 0.399, N = 215

SIMQSQSLMLELR pc2
A0A0C4DFP7;Q9BXJ1



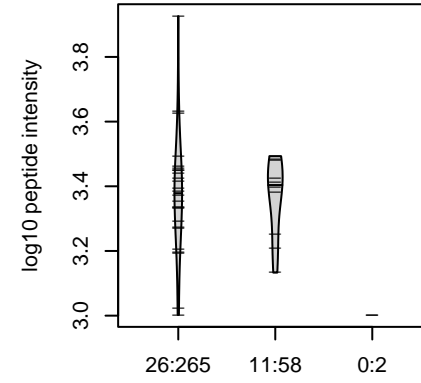
17:77018400:C:T_T
p = 0.03, beta = 0.356, N = 210

SHYAAFSVGR pc2
A0A0C4DFP7;Q9BXJ1



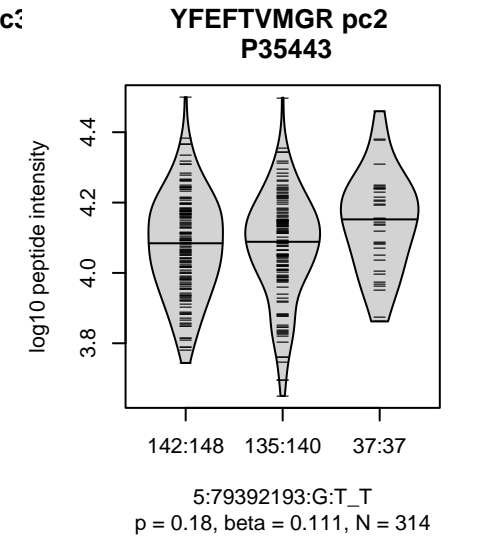
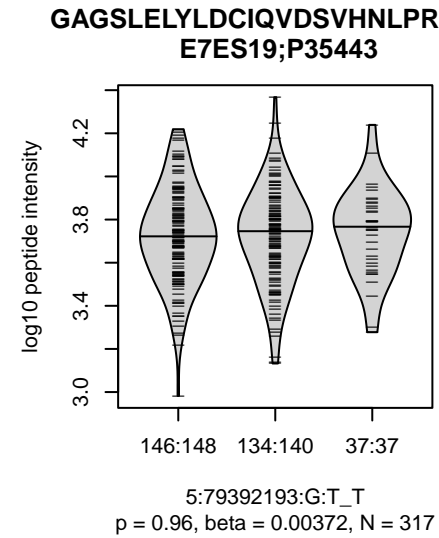
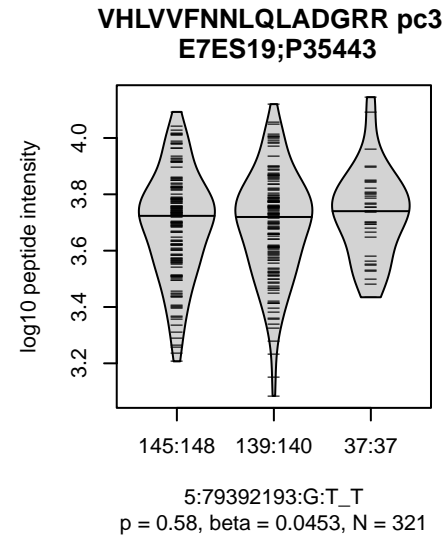
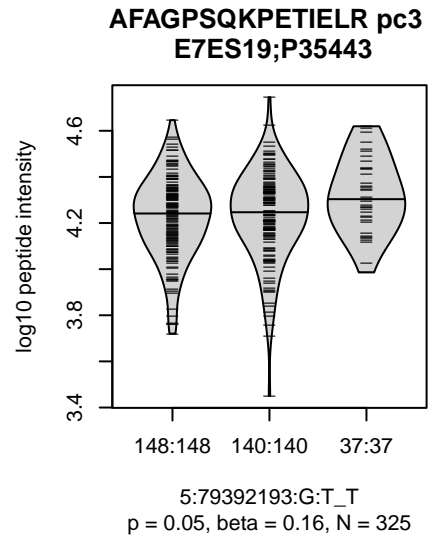
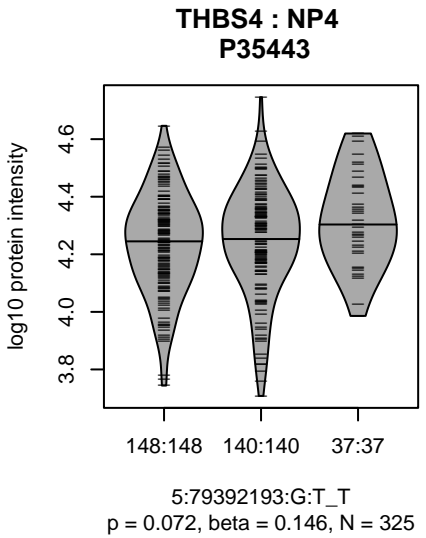
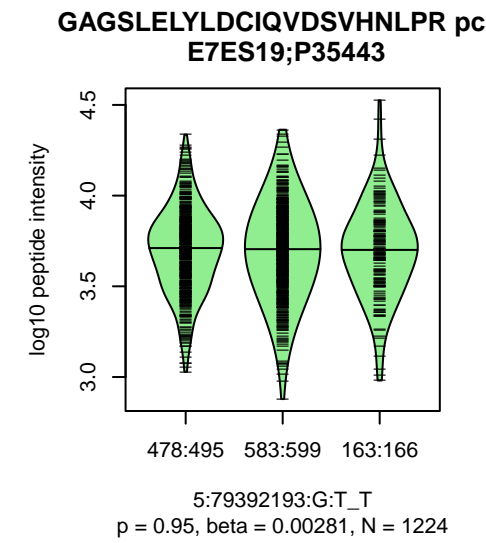
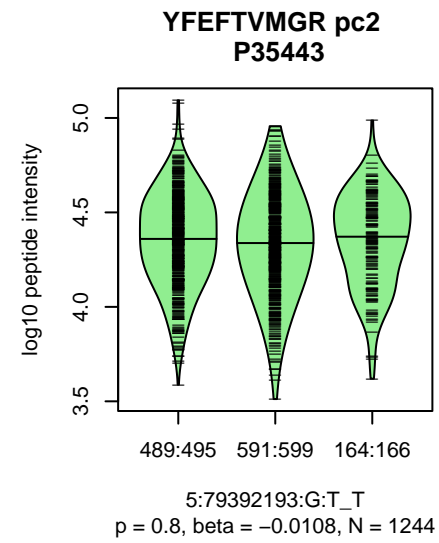
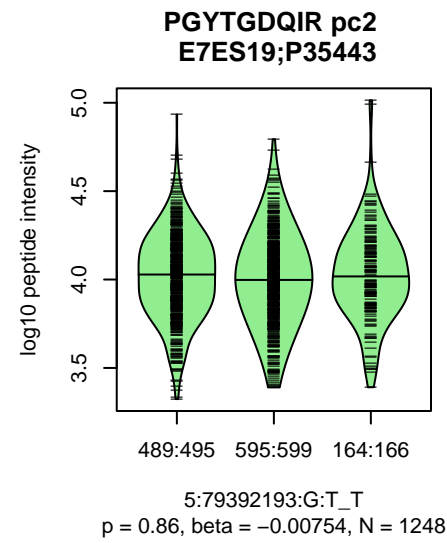
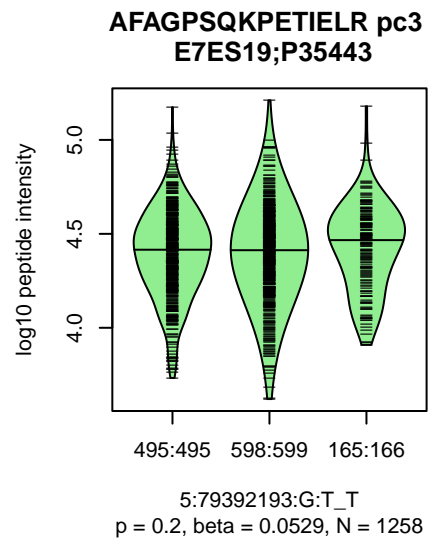
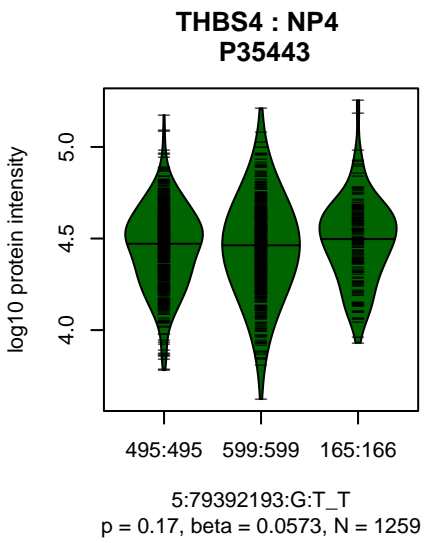
17:77018400:C:T_T
p = 0.94, beta = 0.03, N = 41

ETYLHIMK pc2
A0A0C4DFP7;Q9BXJ1

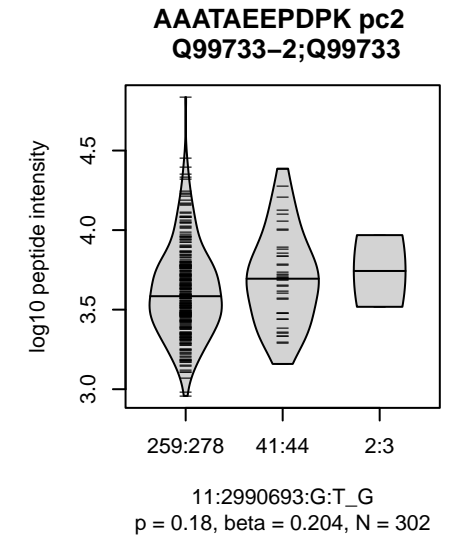
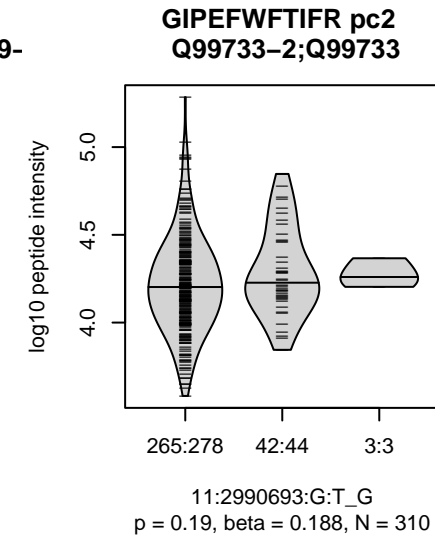
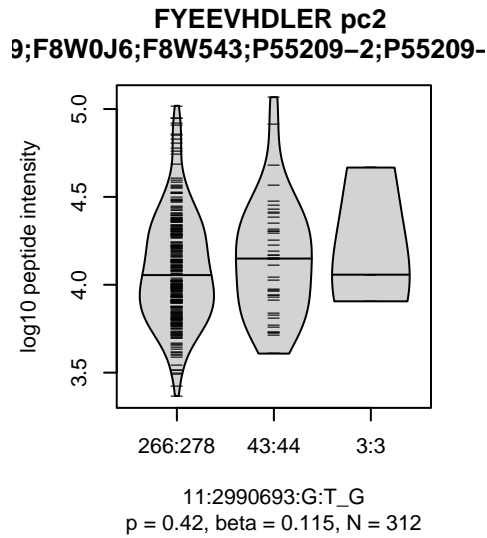
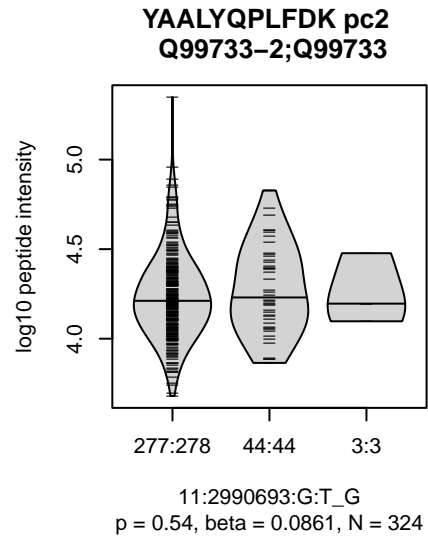
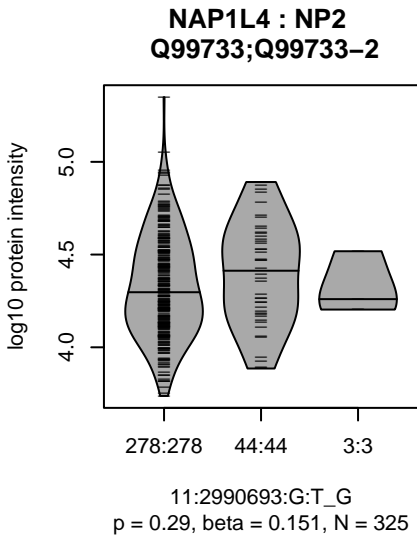
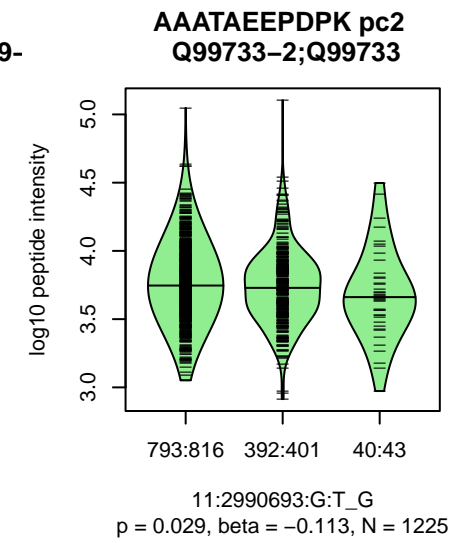
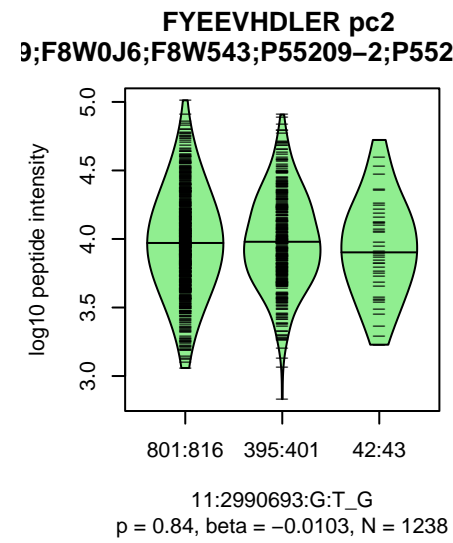
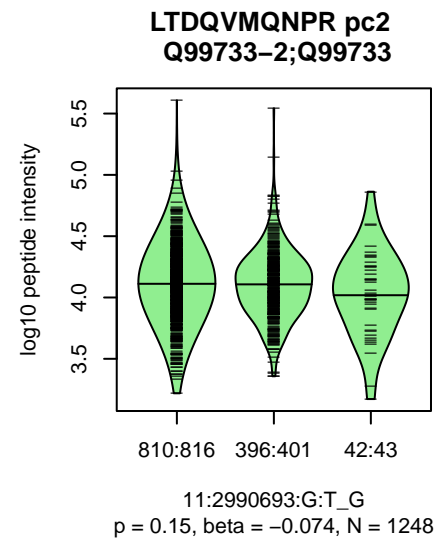
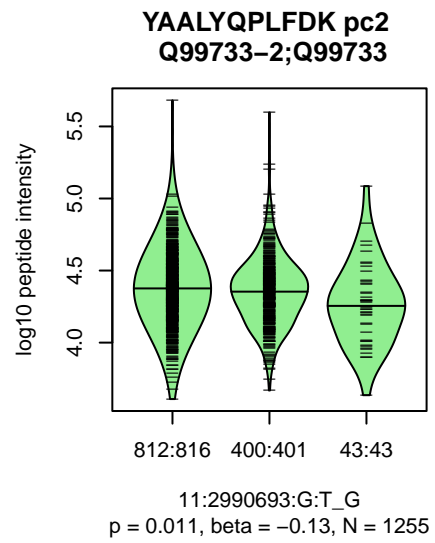
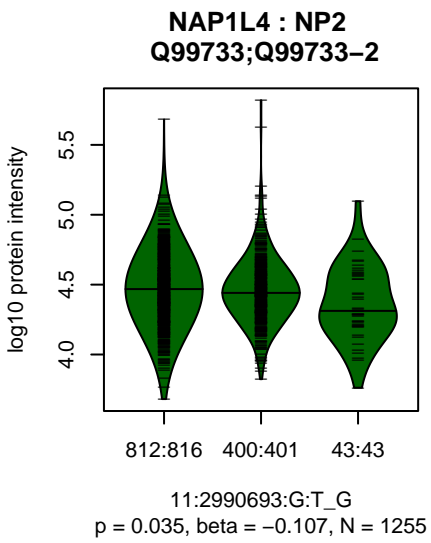


17:77018400:C:T_T
p = 0.92, beta = 0.0363, N = 37

Assay Target: C1QTNF1
Olink UniProt: Q9BXJ1
UKB rsID: rs116539064
Proxy rsID: rs116539064
UKB SNP: 17:77018400:C:T
Proxy SNP: 17:77018400:C:T
UKB log10(p): 297.8
UKB BETA: 0.387
:-:~:-:~NA
1188:1028:694:457:250:4

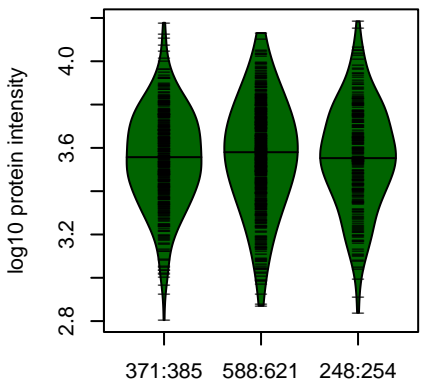


Assay Target: THBS4
 Olink UniProt: P35443
 UKB rsID: rs2438632
 Proxy rsID: rs2438632
 UKB SNP: 5:79392193:G:T
 Proxy SNP: 5:79392193:G:T
 UKB log10(p): 289.3
 UKB BETA: 0.225
 -----*-----
 1258:1248:1244:1224:1215:120



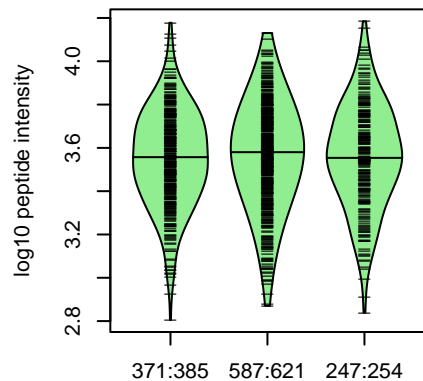
Assay Target: NAP1L4
 Olink UniProt: Q99733
 UKB rsID: rs57530484
 Proxy rsID: rs4758501
 UKB SNP: 11:2987643:T:TAAC
 Proxy SNP: 11:2990693:G:T
 UKB log10(p): 266.3
 UKB BETA: 0.251
 -----NA
 1255:1248:1238:1225:1225:118

TNFRSF11B : NP4
O00300



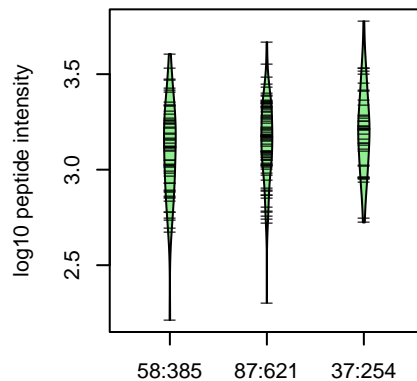
8:120113295:C:T_T
p = 0.39, beta = 0.0346, N = 1207

LFLEMIGNQVQSVK pc2
O00300



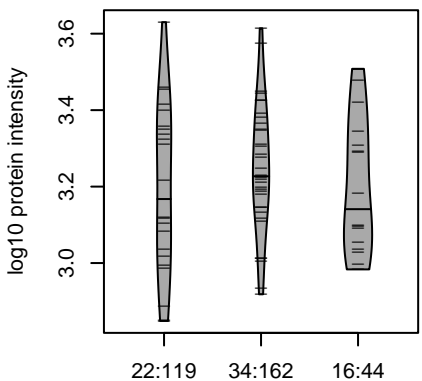
8:120113295:C:T_T
p = 0.35, beta = 0.0379, N = 1205

FTPNWLSVLVDNLPGTK pc2
O00300



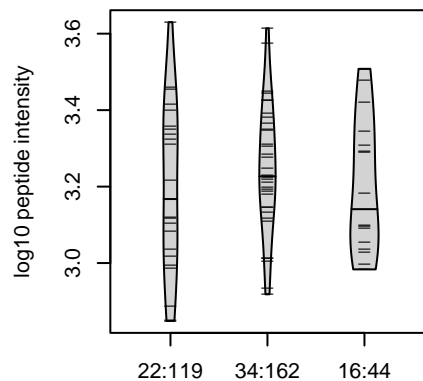
8:120113295:C:T_T
p = 0.02, beta = 0.235, N = 182

TNFRSF11B : NP4
O00300



8:120113295:C:T_T
p = 0.95, beta = -0.00909, N = 72

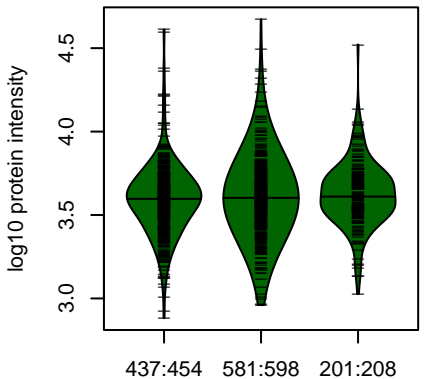
LFLEMIGNQVQSVK pc2
O00300



8:120113295:C:T_T
p = 0.95, beta = -0.00909, N = 72

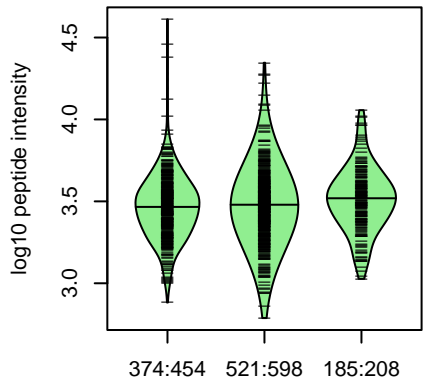
Assay Target: TNFRSF11B
Olink UniProt: O00300
UKB rsID: rs748443516
Proxy rsID: rs2465390
UKB SNP: 8:120101198:CT:C
Proxy SNP: 8:120113295:C:T
UKB log10(p): 264.7
UKB BETA: 0.193
-:-:-
1205:182:126

**APBB1IP : NP1
Q7Z5R6**



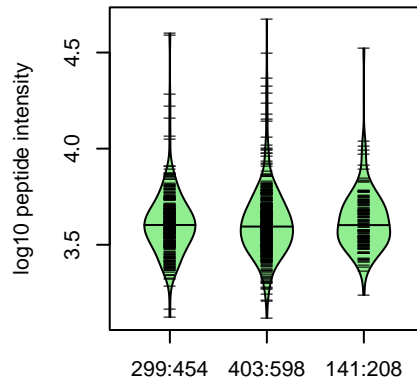
10:26727636:G:C_G
p = 0.072, beta = 0.0737, N = 1219

**TLNQWVMGIR pc2
Q7Z5R6**



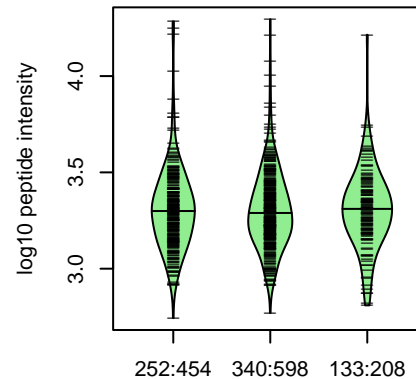
10:26727636:G:C_G
p = 0.03, beta = 0.0942, N = 1080

**TLYDNYQR pc2
Q7Z5R6**



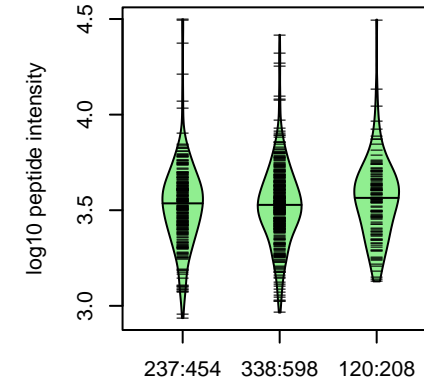
10:26727636:G:C_G
p = 0.48, beta = 0.035, N = 843

**APTDYCFVLK pc2
Q7Z5R6**



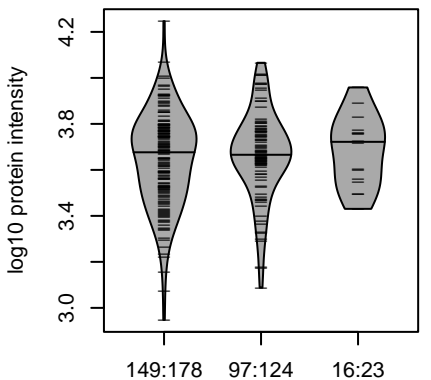
10:26727636:G:C_G
p = 0.74, beta = -0.0172, N = 725

**DVLNLFK pc2
Q7Z5R6**



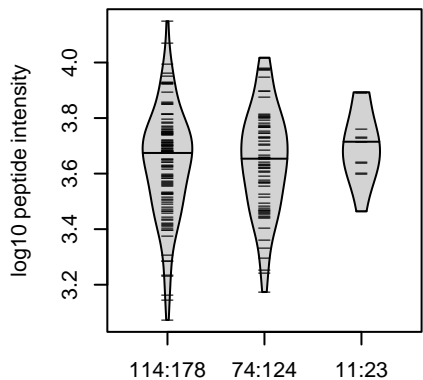
10:26727636:G:C_G
p = 0.2, beta = 0.0695, N = 695

**APBB1IP : NP1
Q7Z5R6**



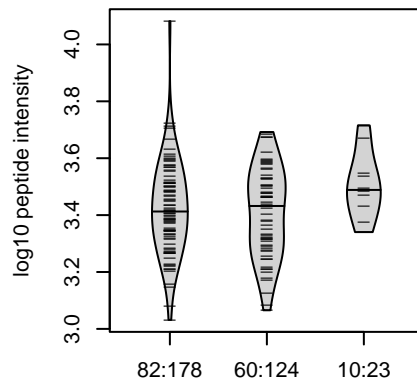
10:26727636:G:C_G
p = 0.57, beta = 0.0573, N = 262

**TLNQWVMGIR pc2
Q7Z5R6**



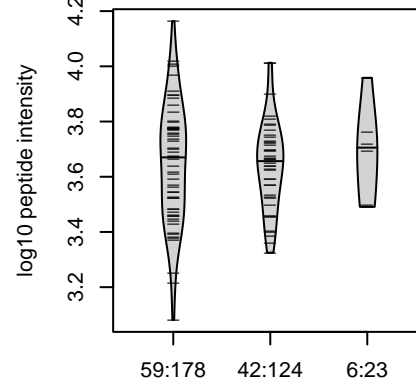
10:26727636:G:C_G
p = 0.56, beta = 0.0668, N = 199

**ASGIYYVPK pc2
0E73-2;Q70E73-5;Q70E73-6;Q70E73**



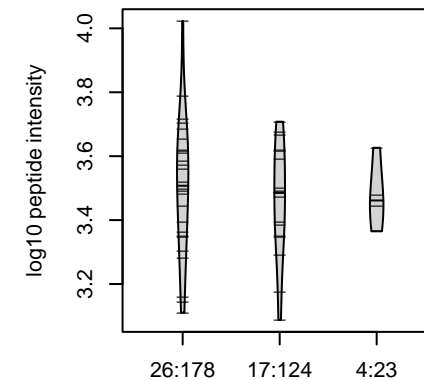
10:26727636:G:C_G
p = 0.68, beta = 0.0533, N = 152

**APTDYCFVLK pc2
Q7Z5R6**



10:26727636:G:C_G
p = 0.74, beta = -0.0527, N = 107

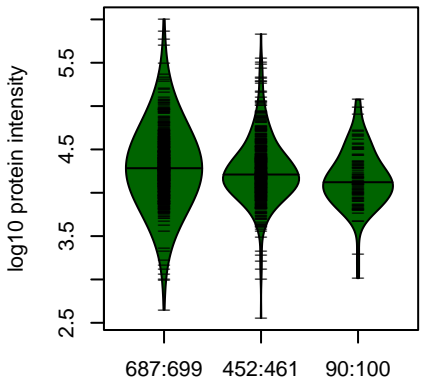
**DVLNLFK pc2
Q7Z5R6**



10:26727636:G:C_G
p = 0.33, beta = -0.208, N = 47

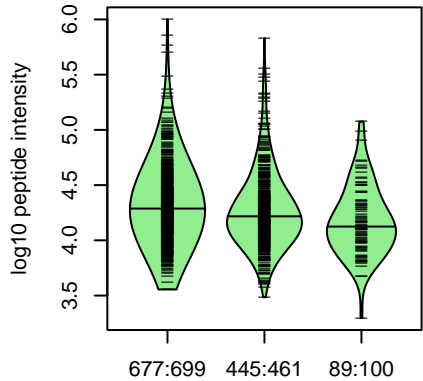
Assay Target: APBB1IP
Olink UniProt: Q7Z5R6
UKB rsID: rs4749125
Proxy rsID: rs4749125
UKB SNP: 10:26727636:G:C
Proxy SNP: 10:26727636:G:C
UKB log10(p): 264.2
UKB BETA: -0.216
-----NA
1080:843:725:695:604:494:487:

**S100A12 : NP5
P80511**



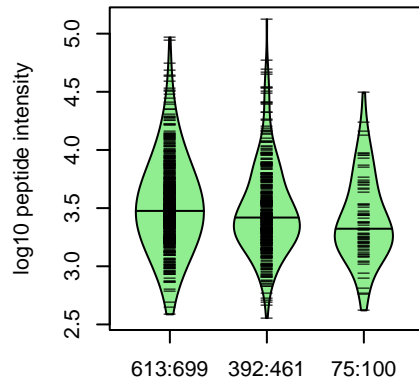
1:153337943:G:A_A
 $p = 6.2e-05$, $\beta = -0.18$, $N = 1229$

**GHFDTLSK pc2
P80511**



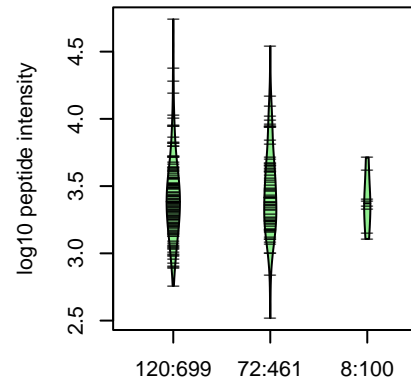
1:153337943:G:A_A
 $p = 2e-05$, $\beta = -0.193$, $N = 1211$

**TKLEEHLEGIVNIFHQYSVR pc4
P80511**



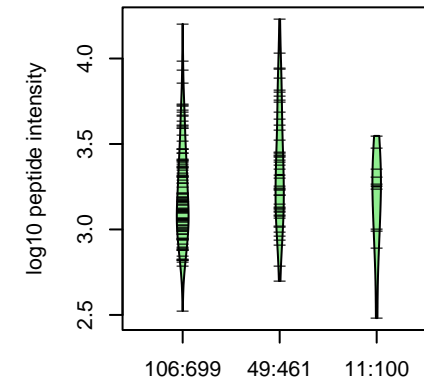
1:153337943:G:A_A
 $p = 0.00067$, $\beta = -0.165$, $N = 1080$

**LEEHLEGIVNIFHQYSVRK pc4
P80511**



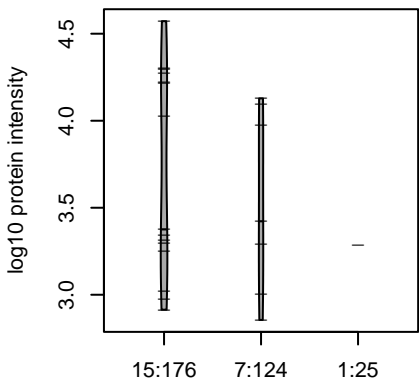
1:153337943:G:A_A
 $p = 0.81$, $\beta = 0.03$, $N = 200$

**LEEHLEGIVNIFHQYSVR pc4
P80511**



1:153337943:G:A_A
 $p = 0.29$, $\beta = 0.13$, $N = 166$

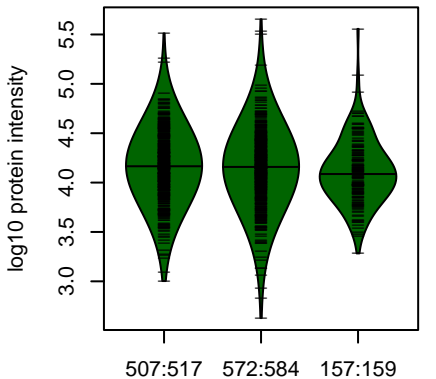
**S100A12 : NP5
P80511**



1:153337943:G:A_A
 $p = 0.35$, $\beta = -0.314$, $N = 23$

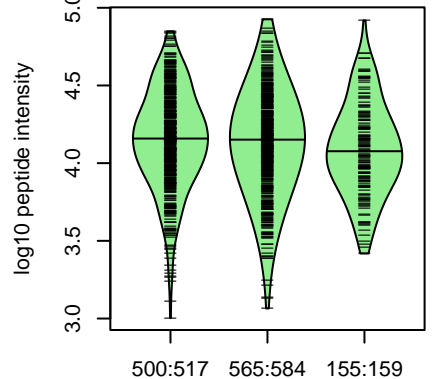
Assay Target: S100A12
Olink UniProt: P80511
UKB rsID: rs3014874
Proxy rsID: rs3014874
UKB SNP: 1:153337943:G:A
Proxy SNP: 1:153337943:G:A
UKB log10(p): 256.4
UKB BETA: -0.235
*:~:-:-:-
1211:1080:200:166:55:39

**ADA2 : NP4
Q9NZK5**



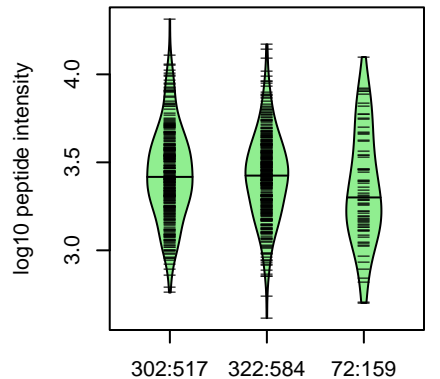
22:17709771:T:C_T
p = 0.097, beta = -0.0695, N = 1236

**SQVFNLR pc2
B4E3Q4;Q9NZK5**



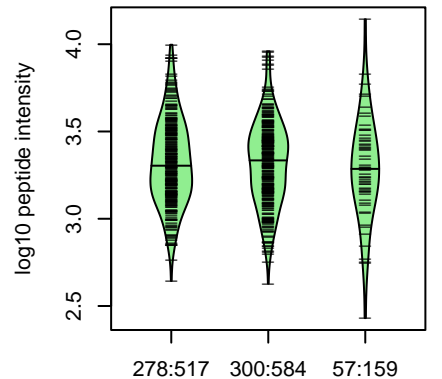
22:17709771:T:C_T
p = 0.051, beta = -0.0823, N = 1220

**WILLEDYR pc2
A0A087X0I3;B4E3Q4;Q9NZK5**



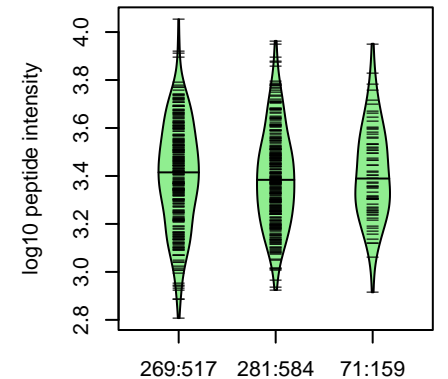
22:17709771:T:C_T
p = 0.071, beta = -0.104, N = 696

**IHPVATLMTGHPMVISSDDPAMFGAK
A0A087X0I3;B4E3Q4;Q9NZK5;Q9NZF7X0I3;A0A3B3IRR5;B4E3Q4;Q9NZK5**



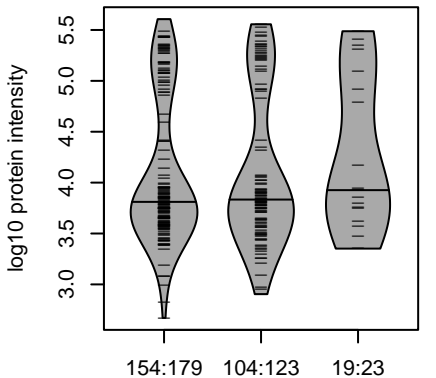
22:17709771:T:C_T
p = 0.35, beta = -0.0581, N = 635

**FVETHPEFIGIK pc2
A0A087X0I3;B4E3Q4;Q9NZK5;Q9NZF7X0I3;A0A3B3IRR5;B4E3Q4;Q9NZK5**



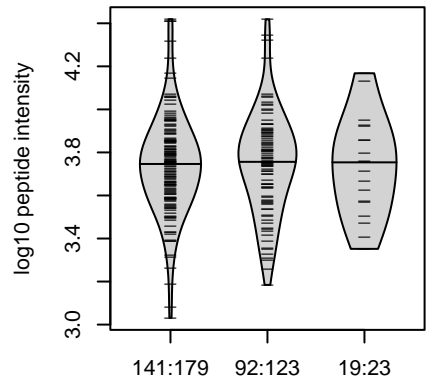
22:17709771:T:C_T
p = 0.89, beta = 0.00831, N = 621

**ADA2 : NP4
B4E3Q4;Q9NZK5**



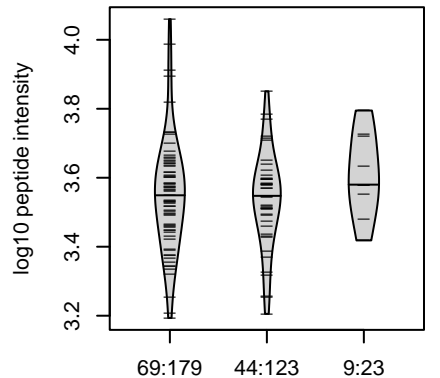
22:17709771:T:C_T
p = 0.47, beta = 0.069, N = 277

**SQVFNLR pc2
B4E3Q4;Q9NZK5**



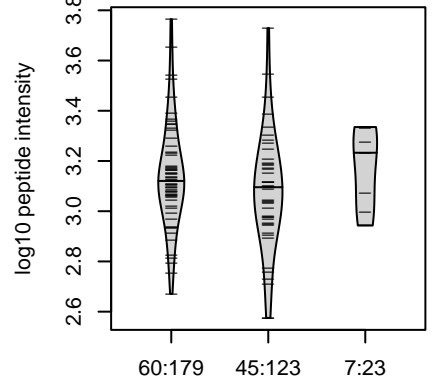
22:17709771:T:C_T
p = 0.66, beta = -0.0431, N = 252

**LLPVYELSGEHHDEEWSVK pc4
A0A087X0I3;B4E3Q4;Q9NZK5**



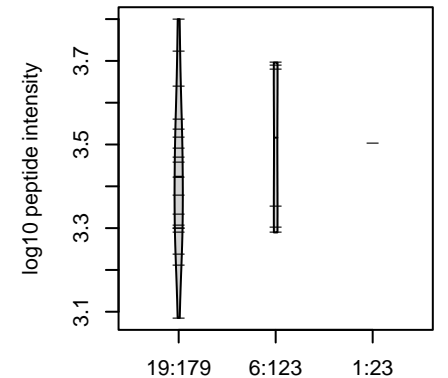
22:17709771:T:C_T
p = 0.98, beta = -0.00375, N = 122

**WILLEDYRK pc3
A0A087X0I3;B4E3Q4;Q9NZK5**



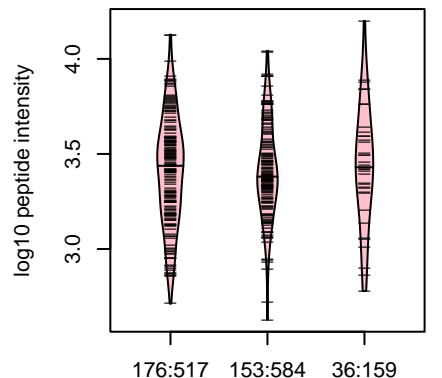
22:17709771:T:C_T
p = 0.37, beta = -0.135, N = 112

**FVETHPEFIGIK pc2
7X0I3;A0A3B3IRR5;B4E3Q4;Q9NZK5**



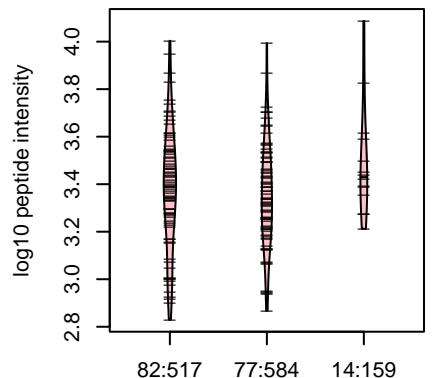
22:17709771:T:C_T
p = 0.56, beta = 0.196, N = 26

**FPTVVAGFDLVGHEDTGHSR pc3
rs2231495 ALT**



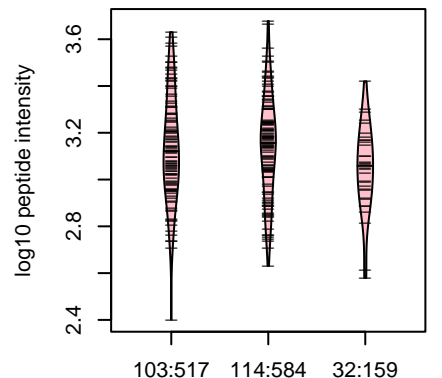
22:17709771:T:C_T
p = 0.001, model = REC, N = 365

**FPTVVAGFDLVGHEDTGHSR pc4
rs2231495 ALT**



22:17709771:T:C_T
p = 0.064, model = DOM, N = 173

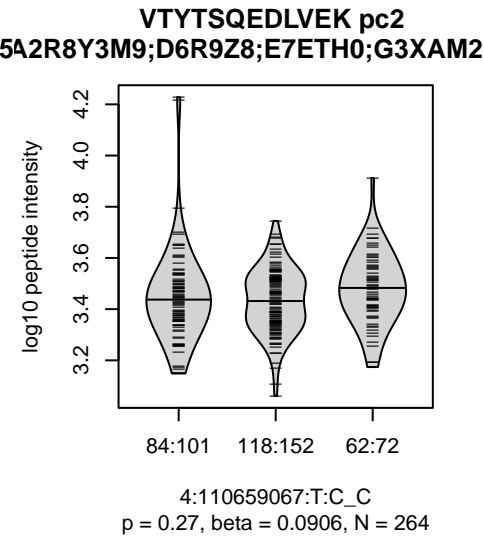
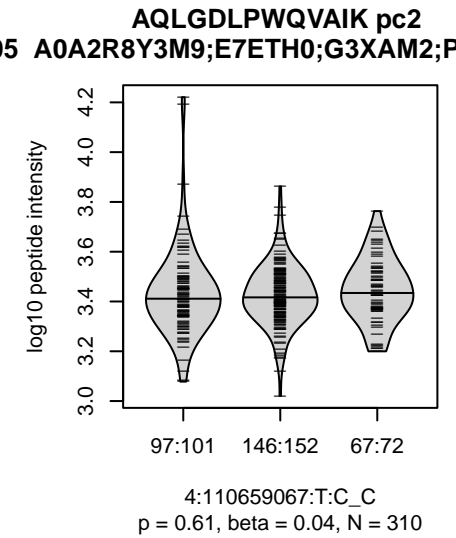
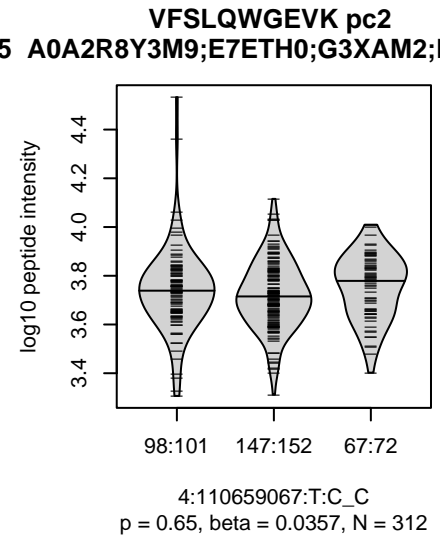
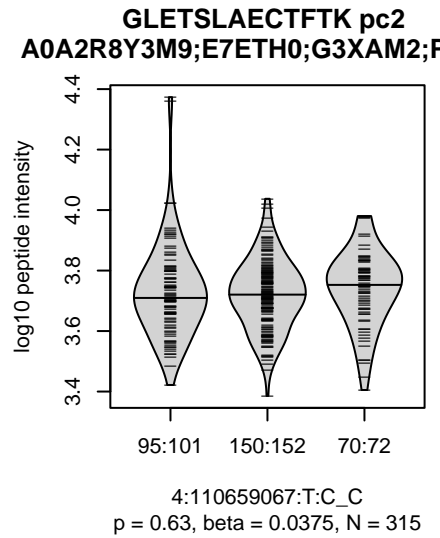
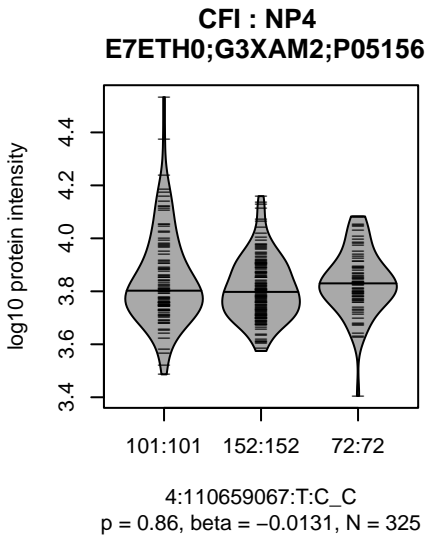
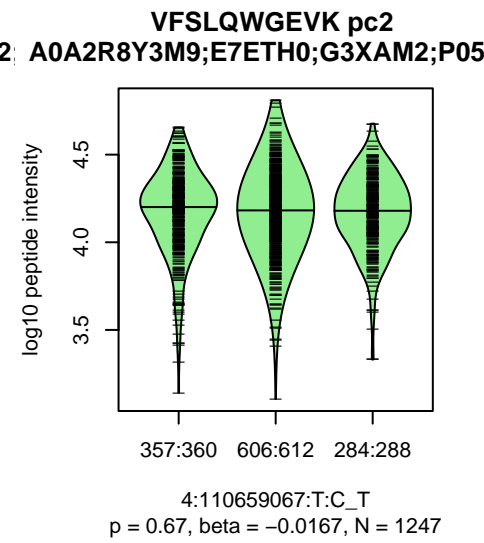
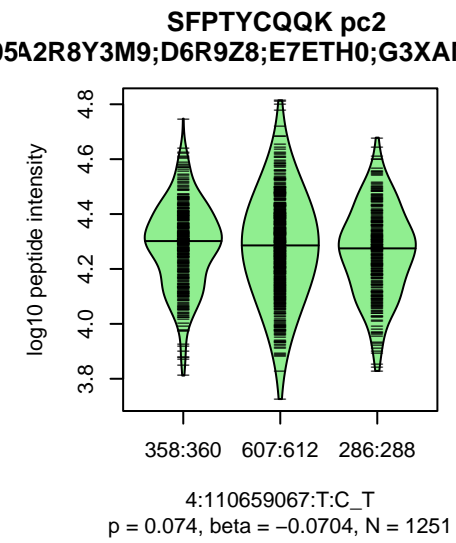
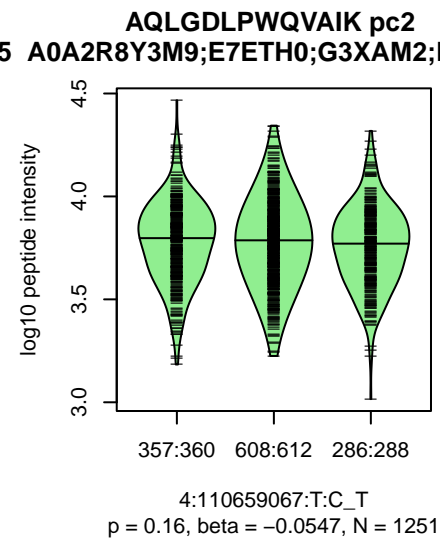
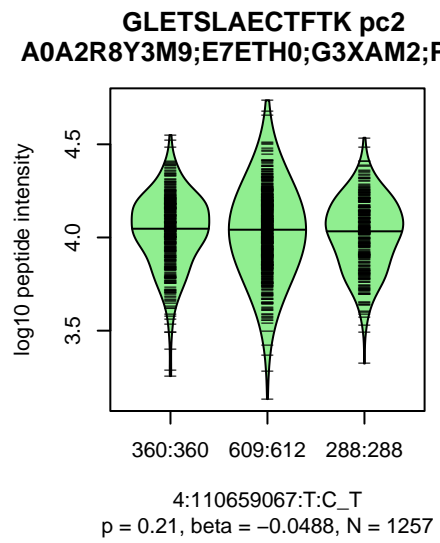
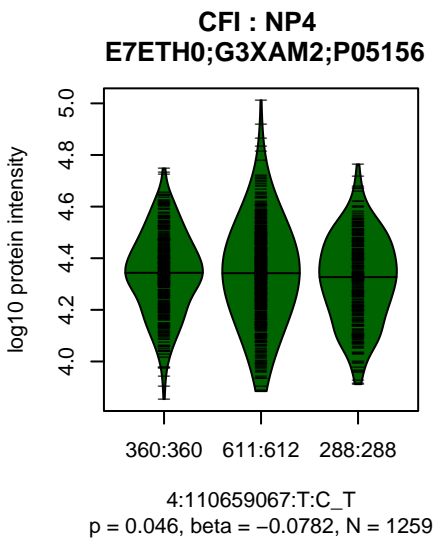
**FPTVVAGFDLVGHEDTGHSR pc3
rs2231495 REF**



22:17709771:T:C_T
p = 0.92, model = DOM, N = 249

Assay Target: ADA2
Olink UniProt: Q9NZK5
UKB rsID: rs737963
Proxy rsID: rs737963
UKB SNP: 22:17709771:T:C
Proxy SNP: 22:17709771:T:C
UKB log10(p): 248.8
UKB BETA: 0.209

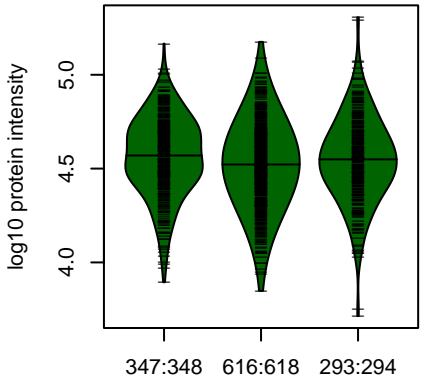
1220:696:635:621:545:541:516:



Assay Target: CFI
 Olink UniProt: P05156
 UKB rsID: rs10033900
 Proxy rsID: rs10033900
 UKB SNP: 4:110659067:T:C
 Proxy SNP: 4:110659067:T:C
 UKB log₁₀(p): 244.9
 UKB BETA: 0.199

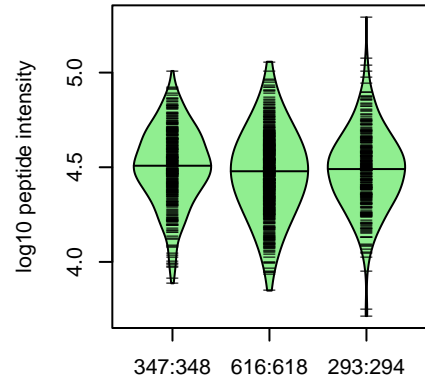
 1257:1251:1251:1247:1234:122

**CCN5 : NP5
O76076**



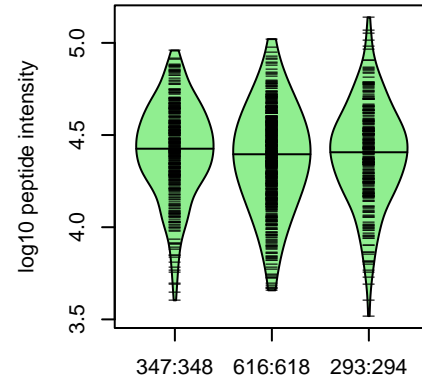
20:43322002:G:C_G
p = 0.019, beta = -0.0922, N = 1256

**EGETFQPHCSIR pc3
O76076**



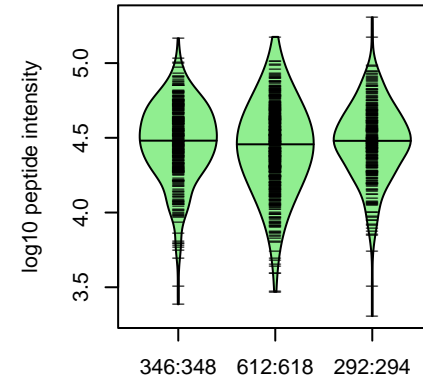
20:43322002:G:C_G
p = 0.026, beta = -0.0877, N = 1256

**LPSWDCPHPR pc3
O76076**



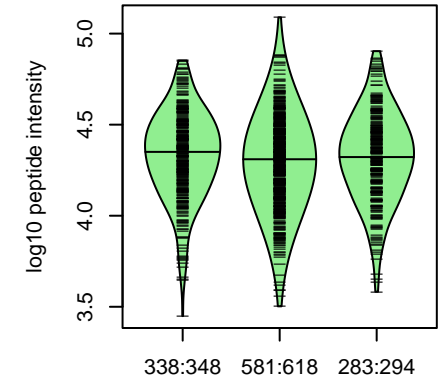
20:43322002:G:C_G
p = 0.053, beta = -0.0764, N = 1256

**3EPDQLHVCASQGLVCQPGAGPG(
O76076;O76076-2**



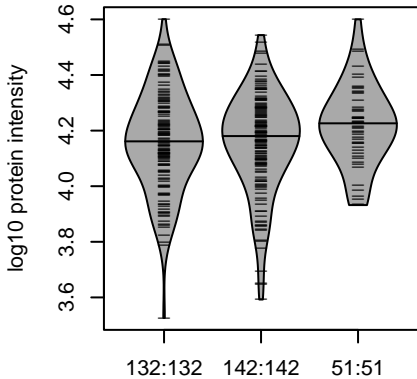
20:43322002:G:C_G
p = 0.14, beta = -0.0588, N = 1250

**CPLGVPLVLDGCGCCR pc2
O76076;O76076-2**



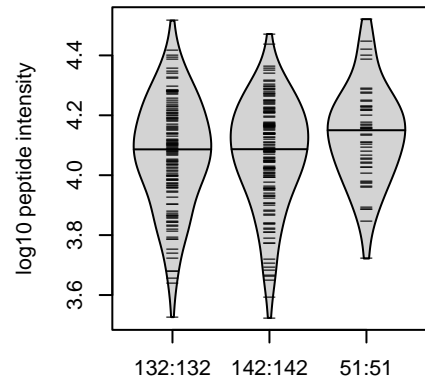
20:43322002:G:C_G
p = 0.078, beta = -0.0705, N = 1202

**CCN5 : NP5
O76076**



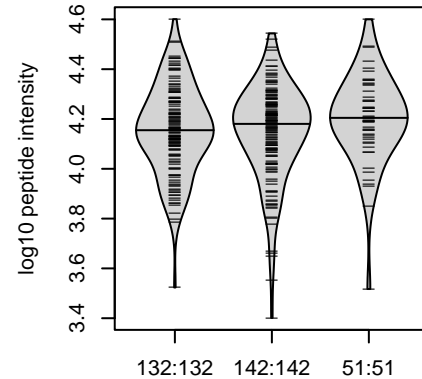
20:43322002:G:C_C
p = 0.23, beta = 0.0922, N = 325

**LPSWDCPHPR pc3
O76076**



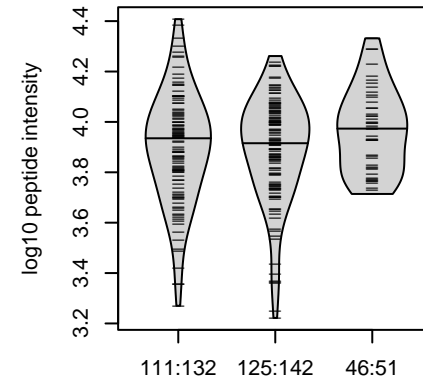
20:43322002:G:C_C
p = 0.2, beta = 0.0988, N = 325

**3EPDQLHVCASQGLVCQPGAGPG(
O76076;O76076-2**



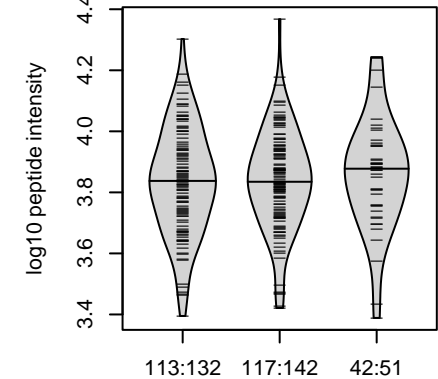
20:43322002:G:C_C
p = 0.35, beta = 0.072, N = 325

**CPLGVPLVLDGCGCCR pc2
O76076;O76076-2**



20:43322002:G:C_C
p = 0.37, beta = 0.0739, N = 282

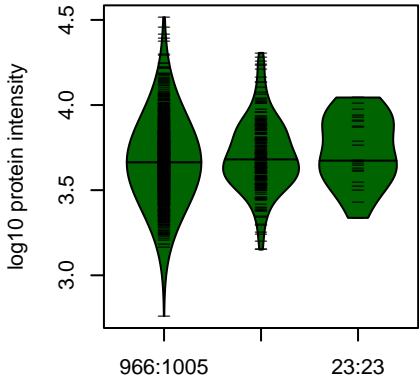
**EGETFQPHCSIR pc3
O76076**



20:43322002:G:C_C
p = 0.86, beta = 0.0144, N = 272

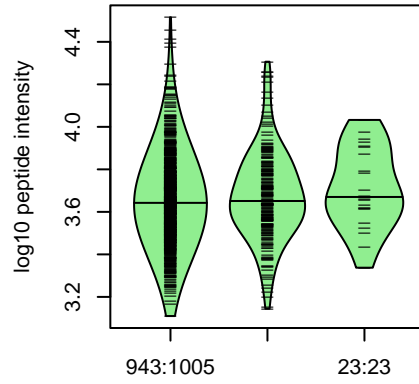
Assay Target: CCN5
Olink UniProt: O76076
UKB rsID: rs6065746
Proxy rsID: rs6065746
UKB SNP: 20:43322002:G:C
Proxy SNP: 20:43322002:G:C
UKB log10(p): 243.7
UKB BETA: 0.189
-----NA
1256:1256:1250:1202:1095:964

B4GALT1 : NP2
P15291



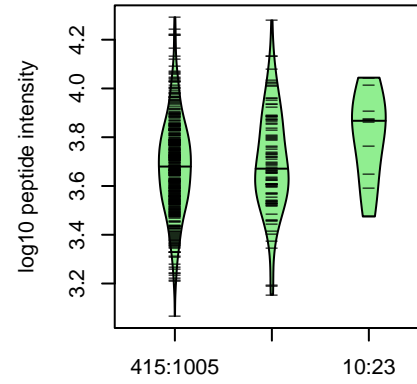
9:33113322:C:T_T
p = 0.025, beta = 0.139, N = 1216

LLNVGFQEALK pc2
P15291



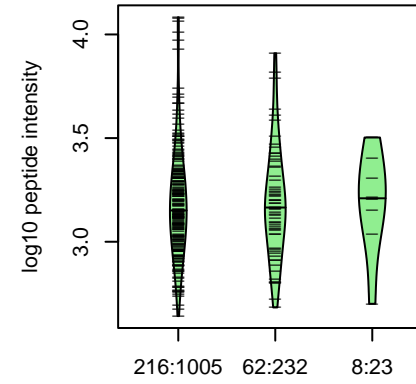
9:33113322:C:T_T
p = 0.05, beta = 0.122, N = 1191

VAIIPFR pc2
P15291;Q86XA6



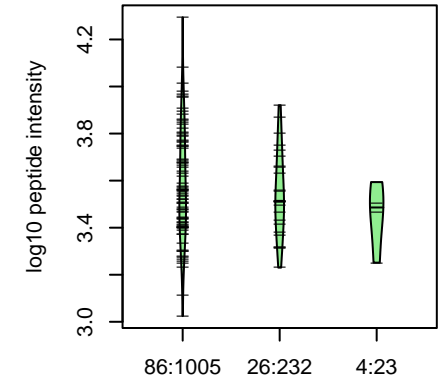
9:33113322:C:T_T
p = 0.054, beta = 0.18, N = 525

ETMLSDGLNSLTYQVLDVQR pc3
P15291



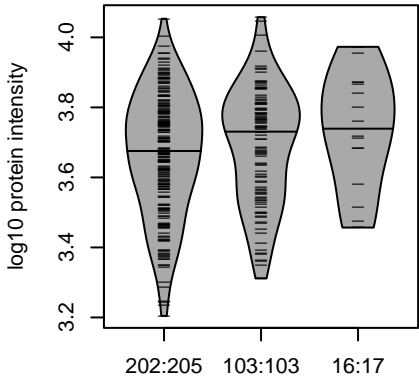
9:33113322:C:T_T
p = 0.87, beta = 0.0186, N = 286

HISVAMDK pc2
P15291



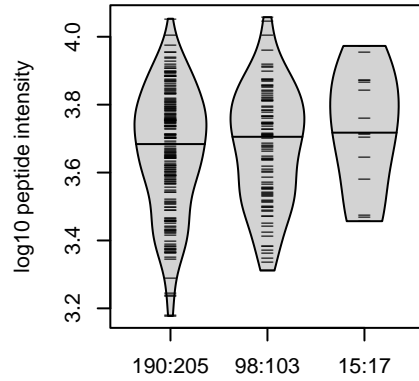
9:33113322:C:T_T
p = 0.2, beta = -0.222, N = 116

B4GALT1 : NP2
P15291



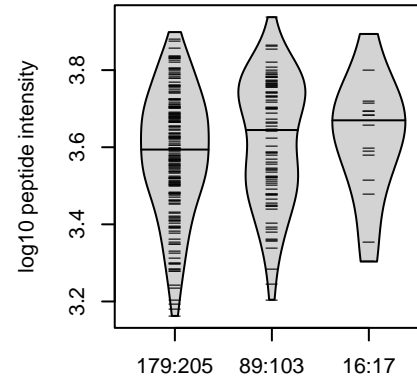
9:33113322:C:T_T
p = 0.0093, beta = 0.244, N = 321

VAIIPFR pc2
P15291;Q86XA6



9:33113322:C:T_T
p = 0.03, beta = 0.209, N = 303

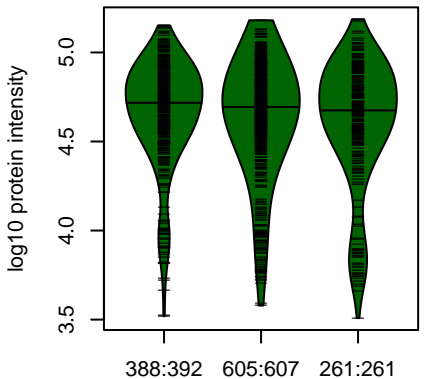
LLNVGFQEALK pc2
P15291



9:33113322:C:T_T
p = 0.009, beta = 0.254, N = 284

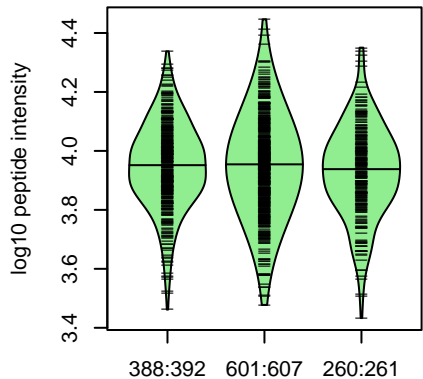
Assay Target: B4GALT1
Olink UniProt: P15291
UKB rsID: rs7019909
Proxy rsID: rs7019909
UKB SNP: 9:33113322:C:T
Proxy SNP: 9:33113322:C:T
UKB log10(p): 240.1
UKB BETA: 0.314
-:-:-:-:-:NA
1191:525:286:116:89:74:9

**MAN1A2 : NP5
O60476**



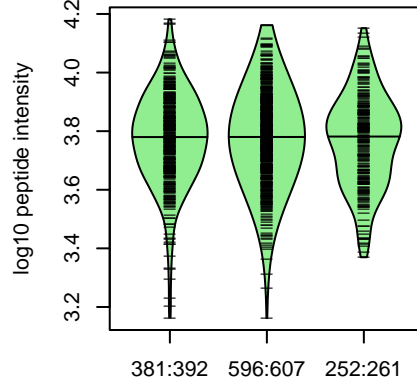
1:118096628:G:A_G
p = 0.24, beta = -0.0462, N = 1254

**RFDLGLLEDVLI PHVDAGK pc3
O60476**



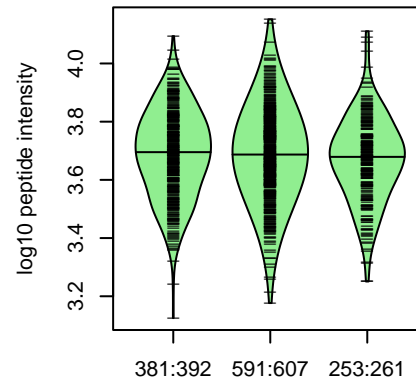
1:118096628:G:A_G
p = 0.71, beta = -0.0146, N = 1249

**FDGAVEAVAVR pc2
O60476**



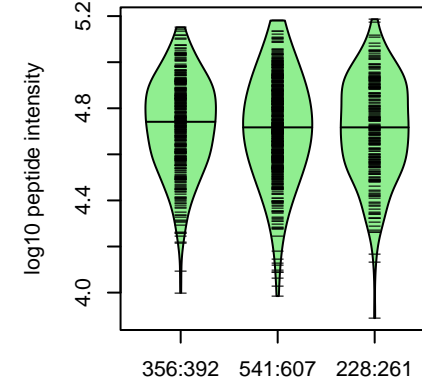
1:118096628:G:A_G
p = 0.54, beta = 0.0245, N = 1229

**MYDDAIEAIEK pc2
O60476**



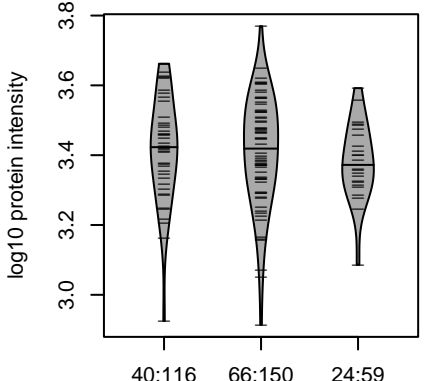
1:118096628:G:A_G
p = 0.49, beta = -0.0278, N = 1225

**GGLTFIGEWK pc2
O60476**



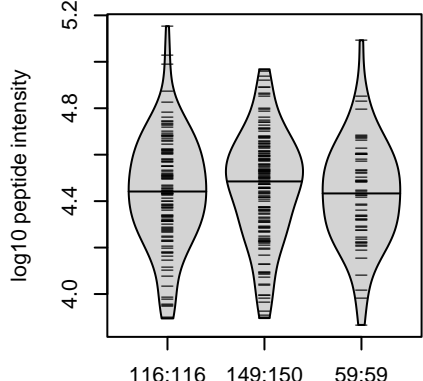
1:118096628:G:A_G
p = 0.83, beta = -0.00876, N = 1125

**MAN1A2 : NP5
O60476**



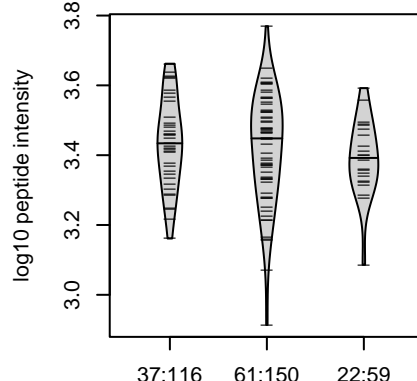
1:118096628:G:A_A
p = 0.21, beta = -0.157, N = 130

**AWLMSDK pc2
O60476;P33908**



1:118096628:G:A_A
p = 0.88, beta = -0.012, N = 324

**RFDLGLLEDVLI PHVDAGK pc3
O60476**

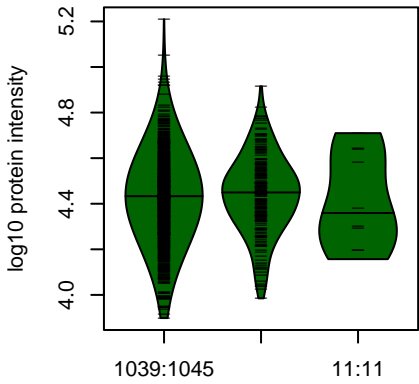


1:118096628:G:A_A
p = 0.18, beta = -0.173, N = 120

Assay Target: MAN1A2
Olink UniProt: O60476
UKB rsID: rs10923344
Proxy rsID: rs10923344
UKB SNP: 1:118096628:G:A
Proxy SNP: 1:118096628:G:A
UKB log10(p): 233.1
UKB BETA: 0.195

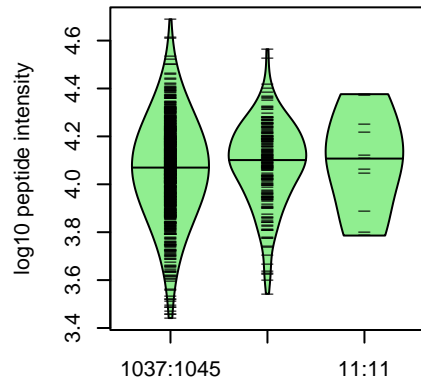
1249:1229:1225:1125:1124:998

**CDH5 : NP2
P33151**



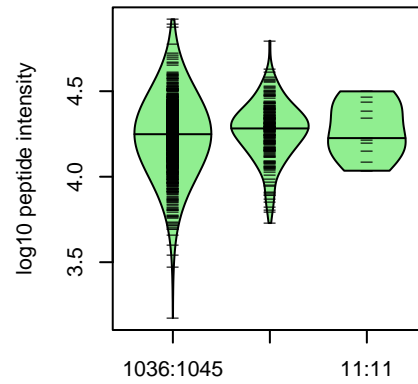
16:66432381:T:C_C
p = 0.68, beta = 0.0285, N = 1254

**VHFLPVVISDNGMPSR pc3
P33151;P33151-2**



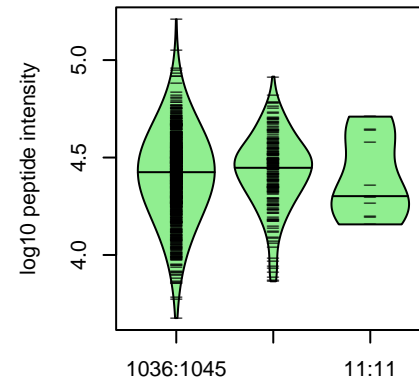
16:66432381:T:C_C
p = 0.13, beta = 0.105, N = 1252

**EYFAIDNSGR pc2
I3L1J2;P33151;P33151-2**



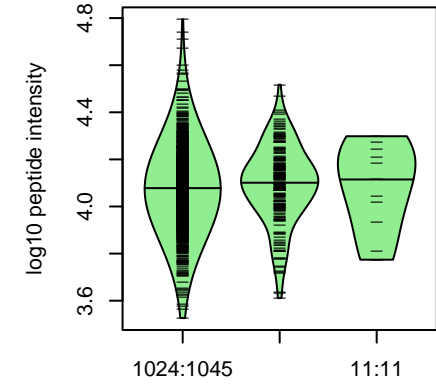
16:66432381:T:C_C
p = 0.05, beta = 0.136, N = 1251

**YTFVVPEDTR pc2
I3L1J2;P33151;P33151-2**



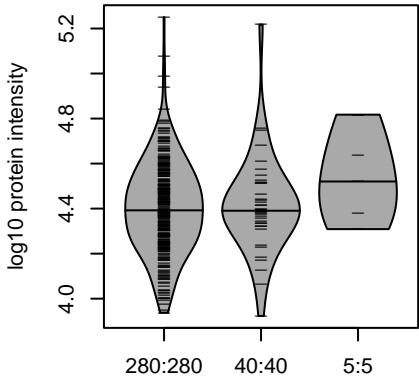
16:66432381:T:C_C
p = 0.61, beta = 0.0351, N = 1251

**DWIWNQMHIIEEK pc3
H3BR11;I3L1J2;P33151;P33151-2**



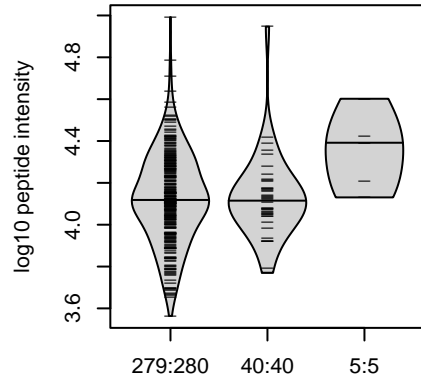
16:66432381:T:C_C
p = 0.18, beta = 0.0927, N = 1238

**CDH5 : NP2
P33151**



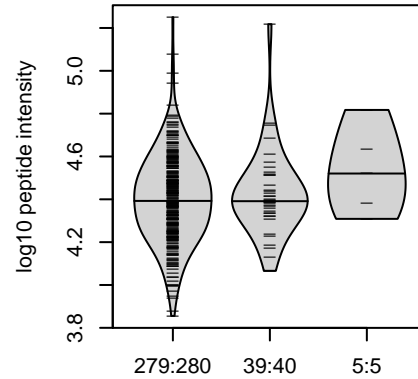
16:66432381:T:C_C
p = 0.13, beta = 0.205, N = 325

**EYFAIDNSGR pc2
I3L1J2;P33151;P33151-2**



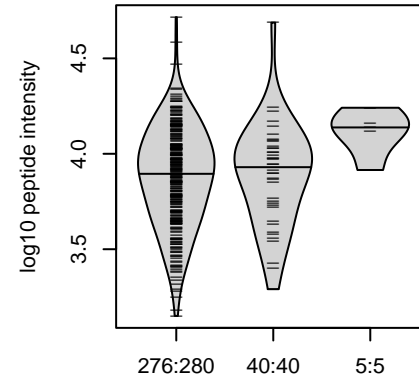
16:66432381:T:C_C
p = 0.081, beta = 0.238, N = 324

**YTFVVPEDTR pc2
I3L1J2;P33151;P33151-2**



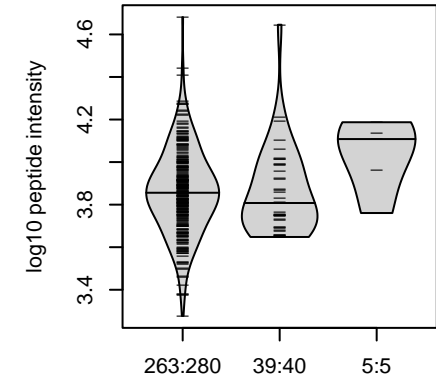
16:66432381:T:C_C
p = 0.067, beta = 0.251, N = 323

**VHFLPVVISDNGMPSR pc3
P33151;P33151-2**



16:66432381:T:C_C
p = 0.056, beta = 0.261, N = 321

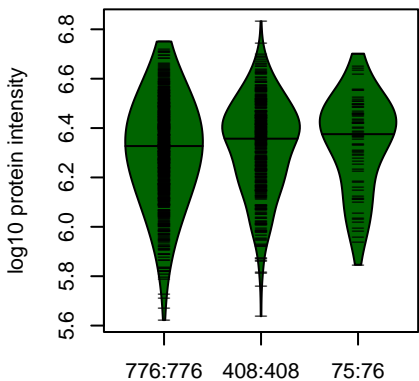
**VDAETGDVFAIER pc2
I3L1J2;P33151;P33151-2**



16:66432381:T:C_C
p = 0.19, beta = 0.179, N = 307

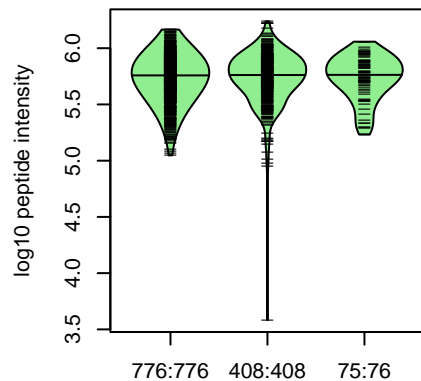
Assay Target: CDH5
Olink UniProt: P33151
UKB rsID: rs16956504
Proxy rsID: rs16956504
UKB SNP: 16:66432381:T:C
Proxy SNP: 16:66432381:T:C
UKB log10(p): 230.2
UKB BETA: 0.296
-----*-----
1252:1251:1251:1238:1238:122

**CLEC3B : NP4
P05452**



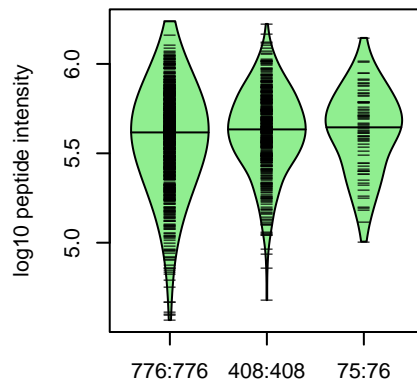
3:45057108:A:T_T
p = 0.025, beta = 0.104, N = 1259

**CRDQLPYICQFGIV pc2
E9PHK0;P05452**



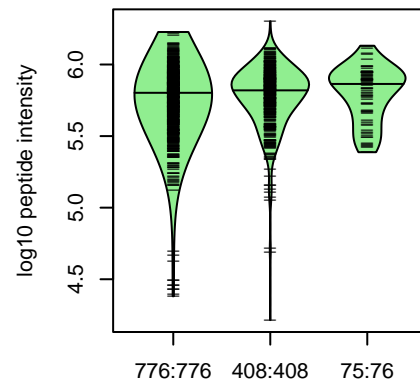
3:45057108:A:T_T
p = 0.38, beta = 0.0404, N = 1259

**LDTLAQEVALLK pc2
E9PHK0;P05452**



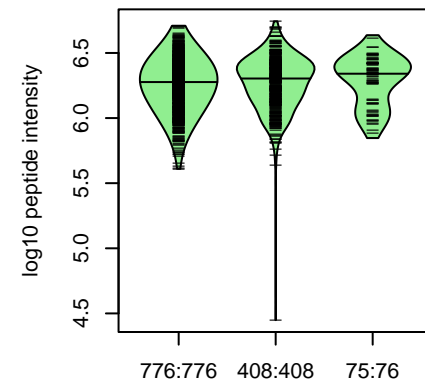
3:45057108:A:T_T
p = 0.02, beta = 0.108, N = 1259

**NWETEITAQPDGGK pc2
E9PHK0;P05452**



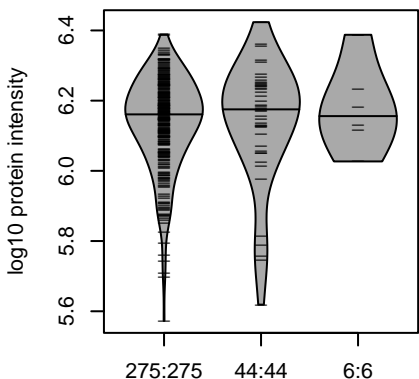
3:45057108:A:T_T
p = 0.09, beta = 0.0785, N = 1259

**SRLDTLAQEVALLK pc3
E9PHK0;P05452**



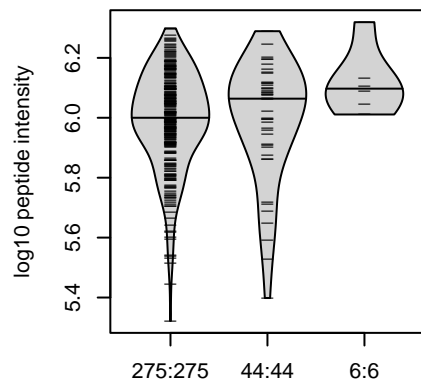
3:45057108:A:T_T
p = 0.058, beta = 0.088, N = 1259

**CLEC3B : NP4
P05452**



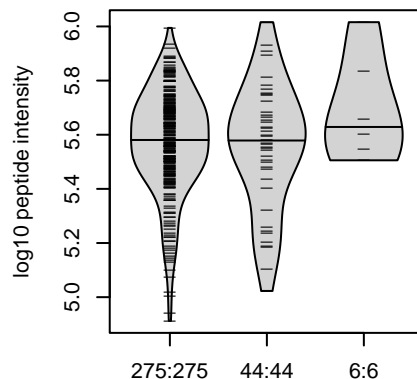
3:45057108:A:T_T
p = 0.089, beta = 0.22, N = 325

**CFLAFTQTK pc2
E9PHK0;P05452**



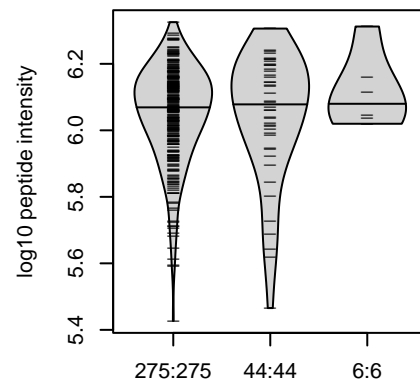
3:45057108:A:T_T
p = 0.058, beta = 0.245, N = 325

**CRDQLPYICQFGIV pc2
E9PHK0;P05452**



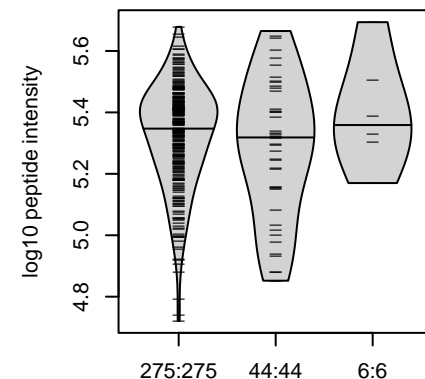
3:45057108:A:T_T
p = 0.14, beta = 0.192, N = 325

**EQQALQTVCLK pc2
E9PHK0;P05452**



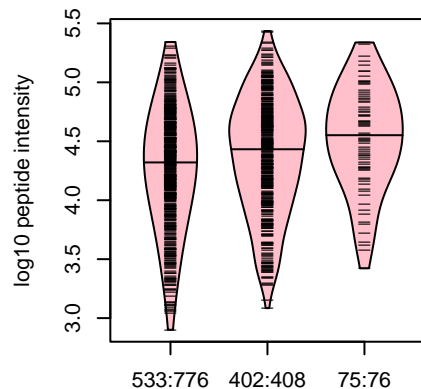
3:45057108:A:T_T
p = 0.16, beta = 0.18, N = 325

**LDTLAQEVALLK pc2
E9PHK0;P05452**



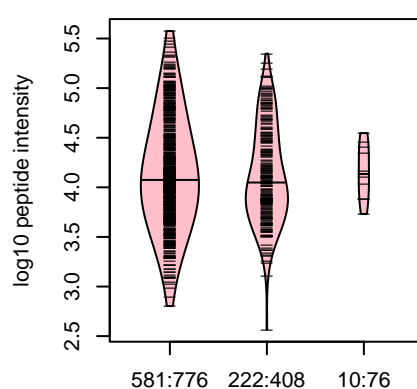
3:45057108:A:T_T
p = 0.49, beta = 0.0897, N = 325

**GGTLGTPQTGSENDALYEYLR pc3
rs13963 REF**



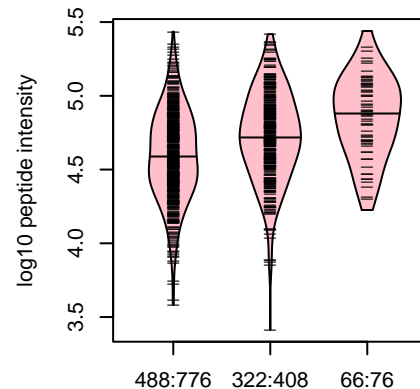
3:45057108:A:T_T
p = 1.2e-48, model = REC, N = 1010

**GGTLSTPQTGSENDALYEYLR pc3
rs13963 ALT**



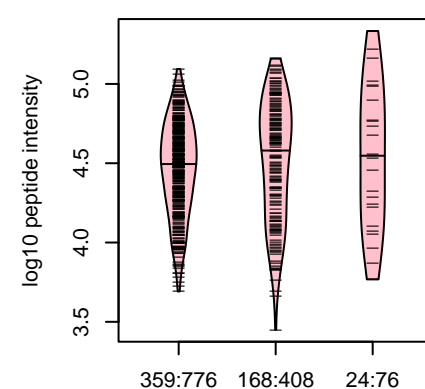
3:45057108:A:T_T
p = 4.7e-22, model = REC, N = 813

**GGTLGTPQTGSENDALYEYLR pc4
rs13963 REF**



3:45057108:A:T_T
p = 4.9e-11, model = REC, N = 876

**GGTLSTPQTGSENDALYEYLR pc4
rs13963 ALT**

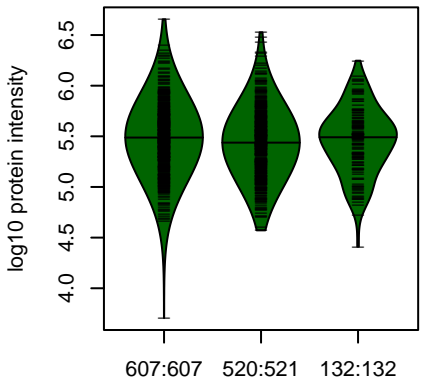


3:45057108:A:T_T
p = 0.023, model = REC, N = 551

Assay Target: CLEC3B
Olink UniProt: P05452
UKB rsID: rs13065490
Proxy rsID: rs13065490
UKB SNP: 3:45057108:A:T
Proxy SNP: 3:45057108:A:T
UKB log10(p): 228.8
UKB BETA: 0.226

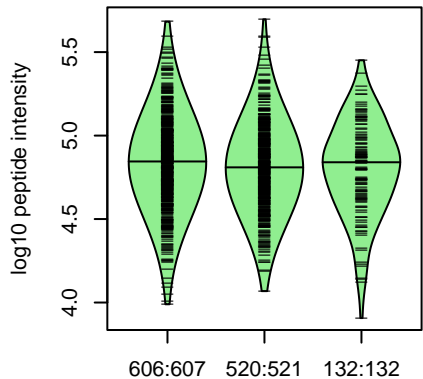
1259:1259:1259:1259:1259:125

RNASE1 : NP4
P07998



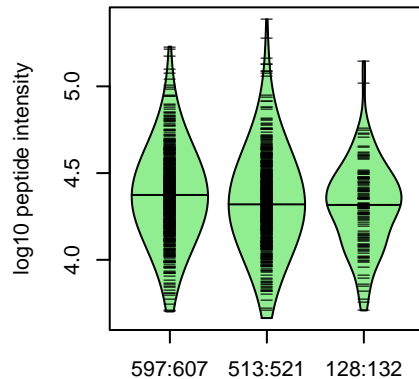
14:21280678:G:A_G
p = 0.02, beta = -0.0975, N = 1259

SNSSMHITDCR pc2
G3V357;P07998



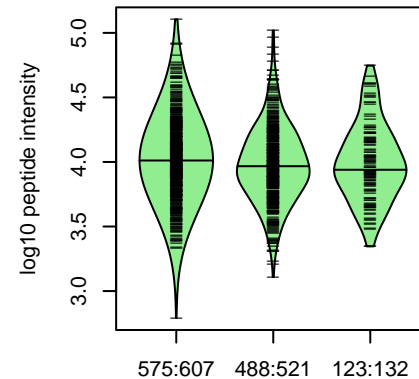
14:21280678:G:A_G
p = 0.053, beta = -0.0816, N = 1258

NGQGNCYK pc2
G3V357;P07998



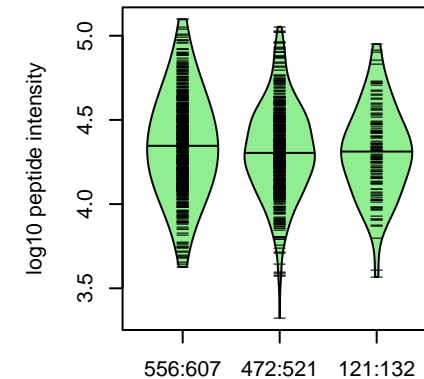
14:21280678:G:A_G
p = 0.00092, beta = -0.141, N = 1238

QHMDSDSSPSSSSTYCNQMMR pc2
P07998



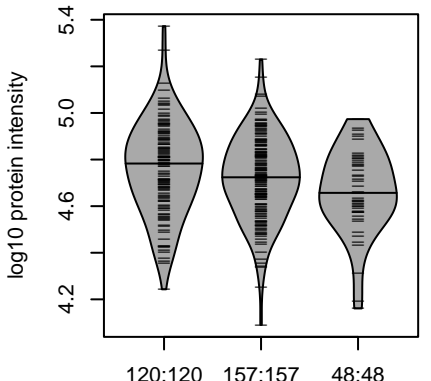
14:21280678:G:A_G
p = 0.013, beta = -0.107, N = 1186

HIIVACEGSPYVPVHFDASVEDST pc2
G3V357;P07998



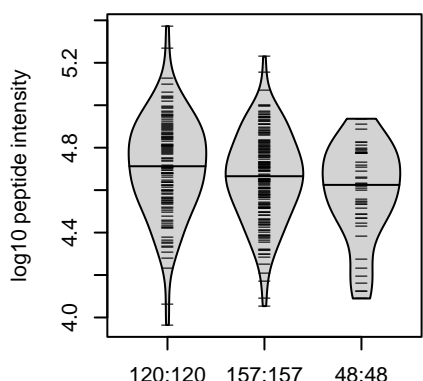
14:21280678:G:A_G
p = 0.02, beta = -0.103, N = 1149

RNASE1 : NP4
P07998



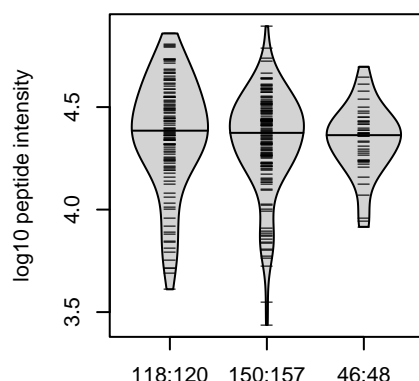
14:21280678:G:A_G
p = 0.014, beta = -0.195, N = 325

CKPVNTFVHEPLVDVQNVCFQEK pc3
G3V357;P07998



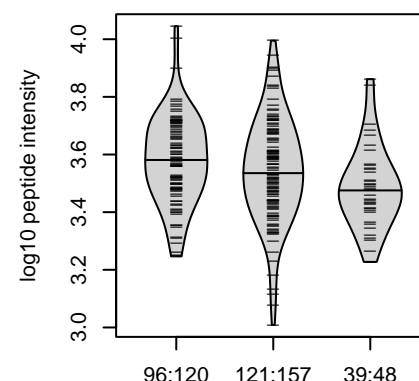
14:21280678:G:A_G
p = 0.0099, beta = -0.206, N = 325

SNSSMHITDCR pc3
G3V357;P07998



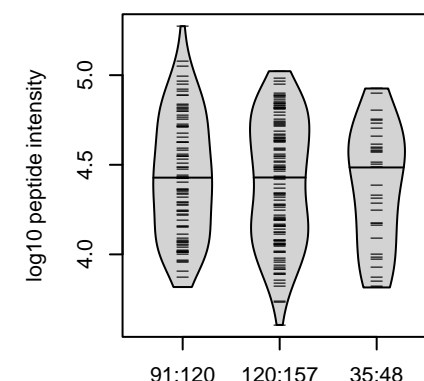
14:21280678:G:A_G
p = 0.038, beta = -0.168, N = 314

NGQGNCYK pc2
G3V357;P07998



14:21280678:G:A_G
p = 0.022, beta = -0.204, N = 256

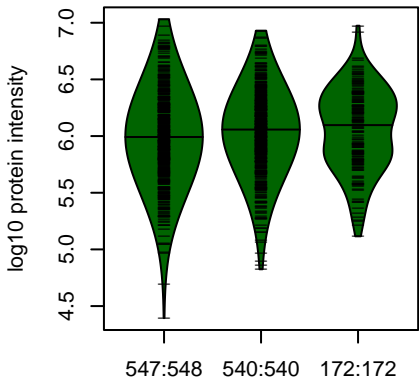
YPNCAYR pc2
G3V357;P07998



14:21280678:G:A_G
p = 0.34, beta = -0.0891, N = 246

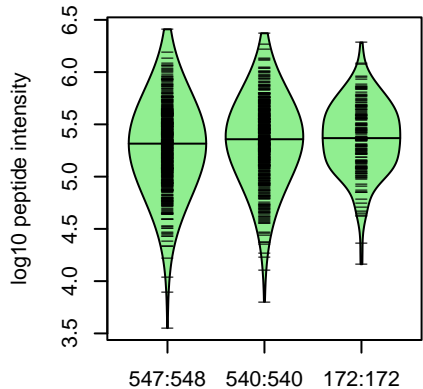
Assay Target: RNASE1
Olink UniProt: P07998
UKB rsID: rs17254387
Proxy rsID: rs17254387
UKB SNP: 14:21280678:G:A
Proxy SNP: 14:21280678:G:A
UKB log10(p): 226.5
UKB BETA: 0.206
-----*-----
1258:1256:1238:1186:1149:114

**CD5L : NP4
O43866**



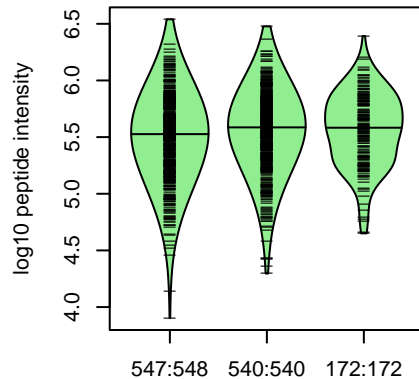
1:157804648:G:A_A
p = 0.11, beta = 0.0653, N = 1259

**GQWGTVCDDGWDIK pc2
O43866**



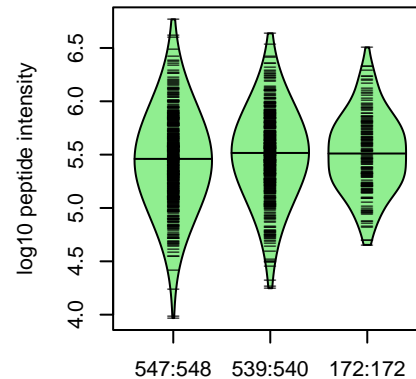
1:157804648:G:A_A
p = 0.054, beta = 0.0778, N = 1259

**GVWGSVCCDNWGEK pc2
O43866**



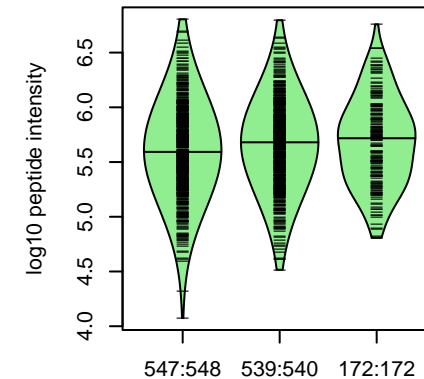
1:157804648:G:A_A
p = 0.081, beta = 0.0706, N = 1259

**CYGPVGR pc2
O43866**



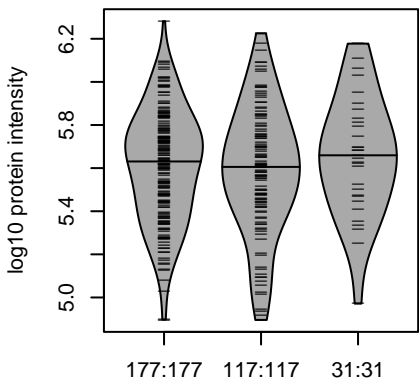
1:157804648:G:A_A
p = 0.12, beta = 0.0635, N = 1258

**LVGGDNLCSGR pc2
O43866**



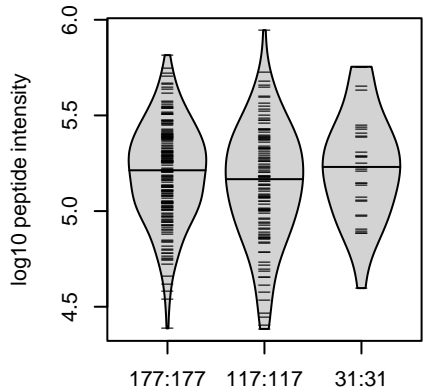
1:157804648:G:A_A
p = 0.043, beta = 0.0819, N = 1258

**CD5L : NP4
O43866**



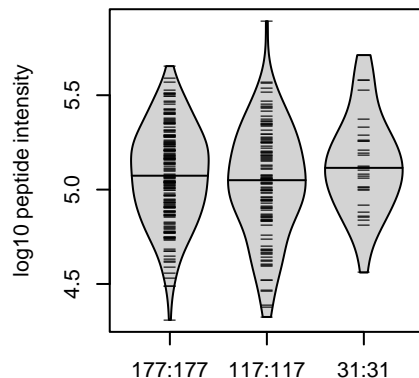
1:157804648:G:A_A
p = 0.41, beta = 0.0682, N = 325

**EATLQDCPSGPWVGK pc2
O43866**



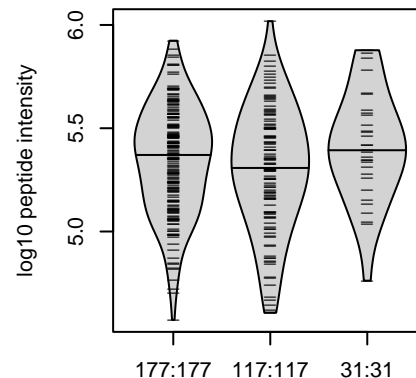
1:157804648:G:A_A
p = 0.92, beta = 0.00838, N = 325

**GQWGTVCDDGWDIK pc2
O43866**



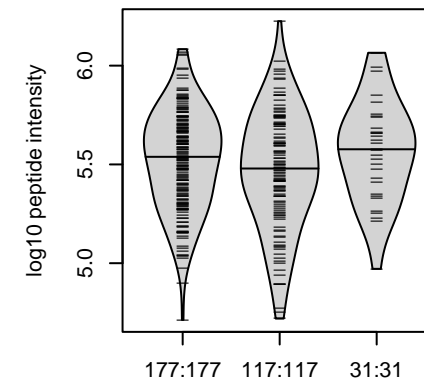
1:157804648:G:A_A
p = 0.54, beta = 0.0506, N = 325

**GVWGSVCCDNWGEK pc2
O43866**



1:157804648:G:A_A
p = 0.59, beta = 0.0442, N = 325

**LVGGDNLCSGR pc2
O43866**

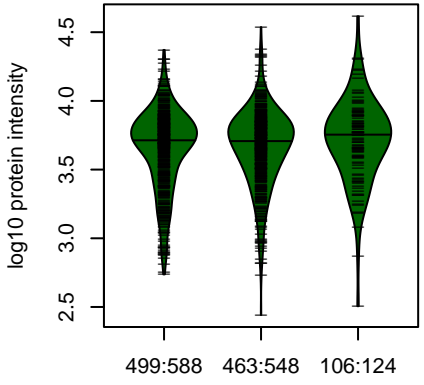


1:157804648:G:A_A
p = 0.82, beta = 0.0193, N = 325

Assay Target: CD5L
Olink UniProt: O43866
UKB rsID: rs2765501
Proxy rsID: rs2765501
UKB SNP: 1:157804648:G:A
Proxy SNP: 1:157804648:G:A
UKB log10(p): 225.7
UKB BETA: 0.199

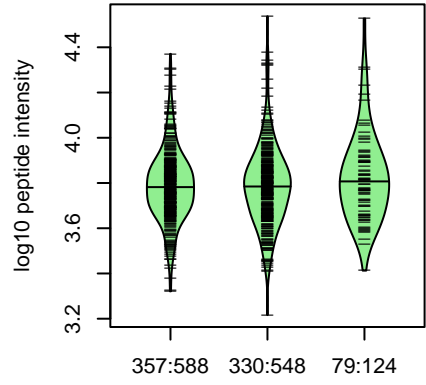
1259:1259:1258:1258:1254:124

**COL5A1 : NP2
P20908**



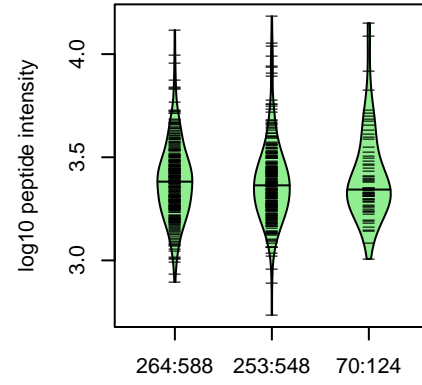
9:137533634:C:G_G
 $p = 0.38$, $\beta = 0.0405$, $N = 1068$

**TTGFCATR pc2
P20908-2;P20908**



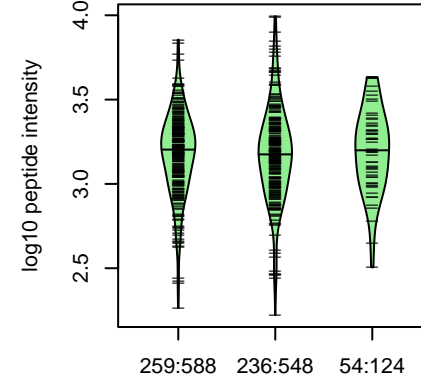
9:137533634:C:G_G
 $p = 0.91$, $\beta = -0.00591$, $N = 766$

**DAQLSAPTK pc2
P20908-2;P20908**



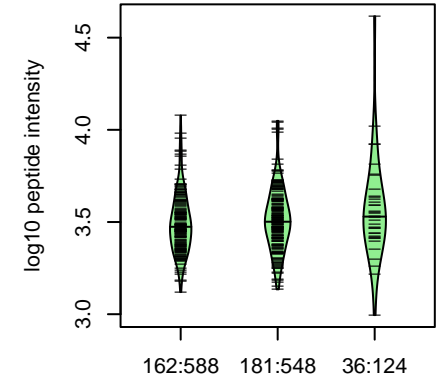
9:137533634:C:G_G
 $p = 0.51$, $\beta = -0.0395$, $N = 587$

**SDHPMIDINGIIVFGTR pc3
P20908-2;P20908**



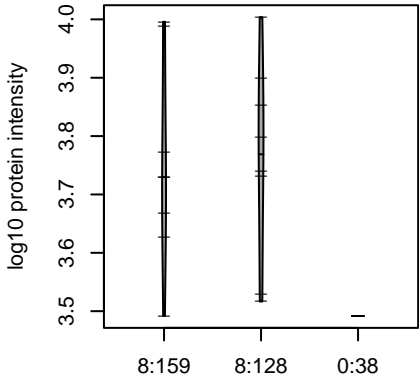
9:137533634:C:G_G
 $p = 0.75$, $\beta = -0.0204$, $N = 549$

**TVLEIDTPK pc2
P20908-2;P20908**



9:137533634:C:G_G
 $p = 0.2$, $\beta = 0.101$, $N = 379$

**COL5A1 : NP2
P20908**

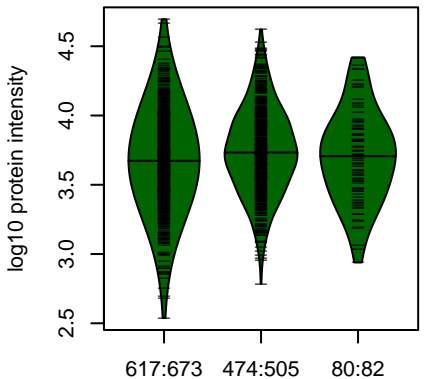


9:137533634:C:G_G
 $p = 0.55$, $\beta = -0.274$, $N = 16$

Assay Target: COL5A1
Olink UniProt: P20908
UKB rsID: rs12002679
Proxy rsID: rs12002679
UKB SNP: 9:137533634:C:G
Proxy SNP: 9:137533634:C:G
UKB log10(p): 223.2
UKB BETA: 0.221

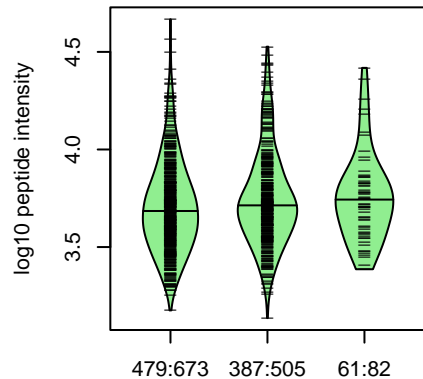
766:587:549:379:237:136:119:4

**MAMDC2 : NP2
Q7Z304**



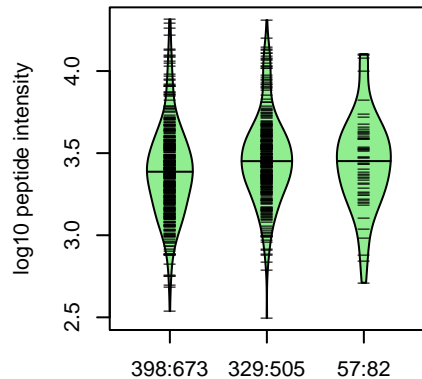
9:72594981:G:T_T
p = 0.0097, beta = 0.121, N = 1171

**IWSVLESPR pc2
Q7Z304**



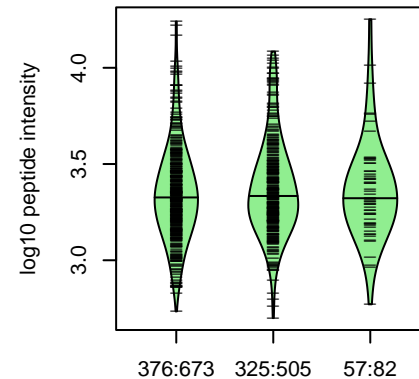
9:72594981:G:T_T
p = 0.004, beta = 0.152, N = 927

**WNPVNVFVGGGSIR pc2
Q7Z304**



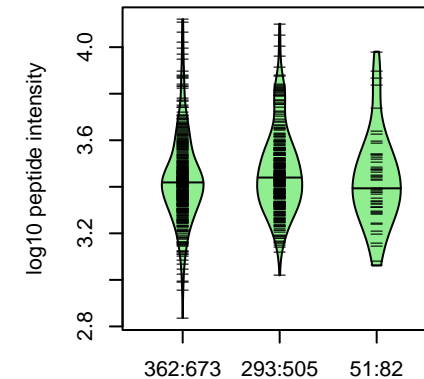
9:72594981:G:T_T
p = 0.00064, beta = 0.193, N = 784

**NVHSILPQDHTFK pc3
Q7Z304**



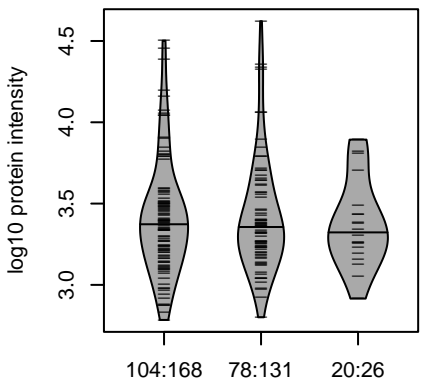
9:72594981:G:T_T
p = 0.14, beta = 0.084, N = 758

**SELGHYMYVDSVYVK pc3
Q7Z304**



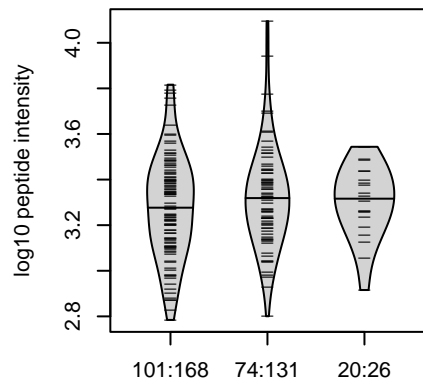
9:72594981:G:T_T
p = 0.14, beta = 0.0877, N = 706

**MAMDC2 : NP2
Q7Z304**



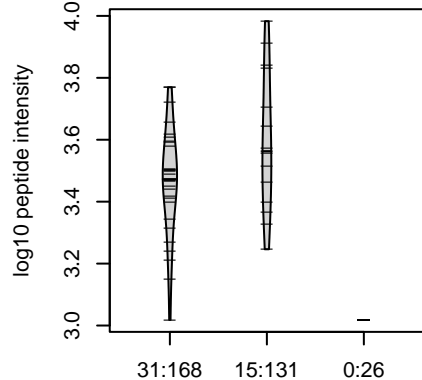
9:72594981:G:T_T
p = 0.58, beta = -0.0573, N = 202

**AGDHTTGLGYLLANTK pc3
Q7Z304**



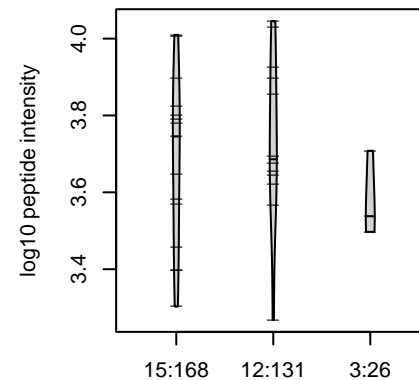
9:72594981:G:T_T
p = 0.39, beta = 0.0899, N = 195

**SELGHYMYVDSVYVK pc3
Q7Z304**



9:72594981:G:T_T
p = 0.089, beta = 0.502, N = 46

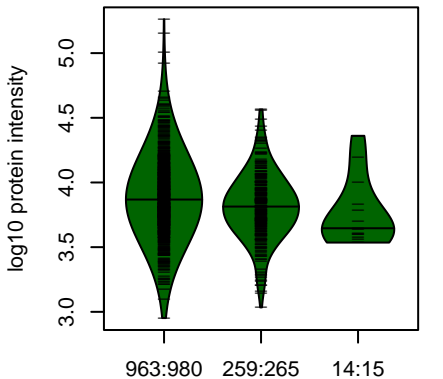
**IWSVLESPR pc2
Q7Z304**



9:72594981:G:T_T
p = 0.61, beta = -0.132, N = 30

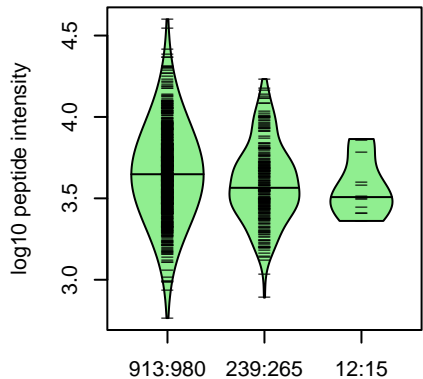
Assay Target: MAMDC2
Olink UniProt: Q7Z304
UKB rsID: rs12683555
Proxy rsID: rs12683555
UKB SNP: 9:72594981:G:T
Proxy SNP: 9:72594981:G:T
UKB log10(p): 222
UKB BETA: 0.213
::-----
927:784:758:706:692:371:345:2

**SPON2 : NP2
Q9BUD6**



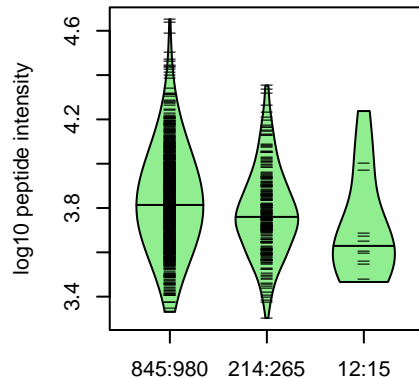
4:1165748:T:C_C
p = 1.9e-05, beta = -0.269, N = 1236

**HSLVSFVVR pc2
Q9BUD6**



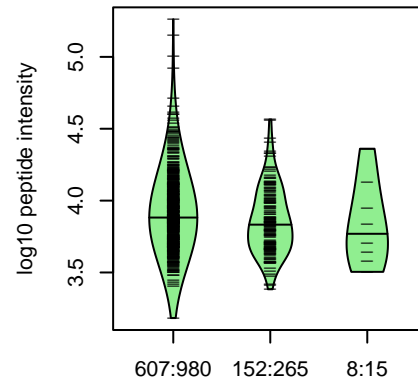
4:1165748:T:C_C
p = 2e-05, beta = -0.28, N = 1164

**NQYVSNGLR pc2
Q9BUD6**



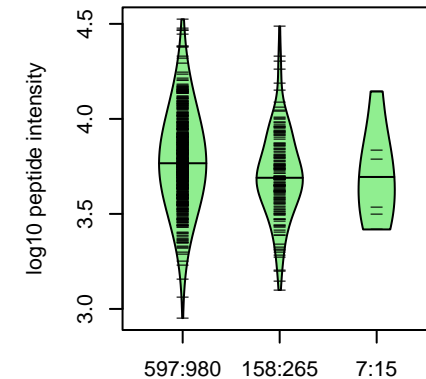
4:1165748:T:C_C
p = 5.4e-06, beta = -0.312, N = 1071

**WSQTAFPK pc2
Q9BUD6**



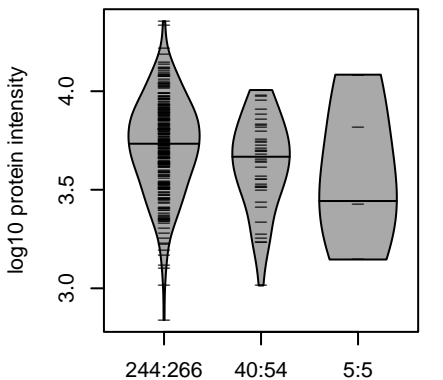
4:1165748:T:C_C
p = 0.0073, beta = -0.219, N = 767

**AFIPPAPVLPSR pc2
Q9BUD6**



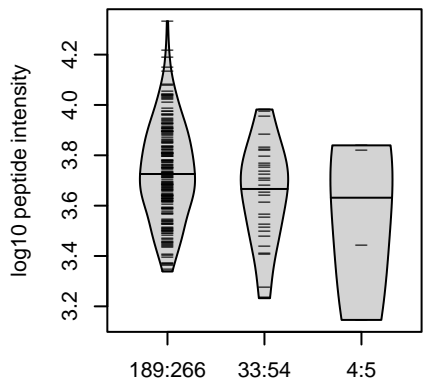
4:1165748:T:C_C
p = 8.9e-05, beta = -0.319, N = 762

**SPON2 : NP2
Q9BUD6**



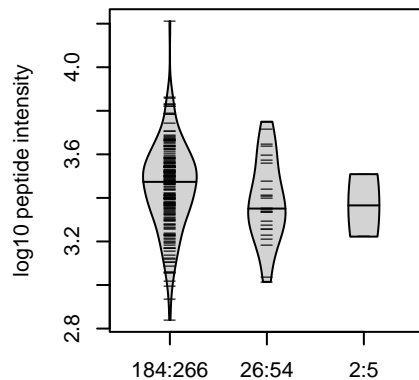
4:1165748:T:C_C
p = 0.021, beta = -0.317, N = 289

**YSITFTGK pc2
Q9BUD6**



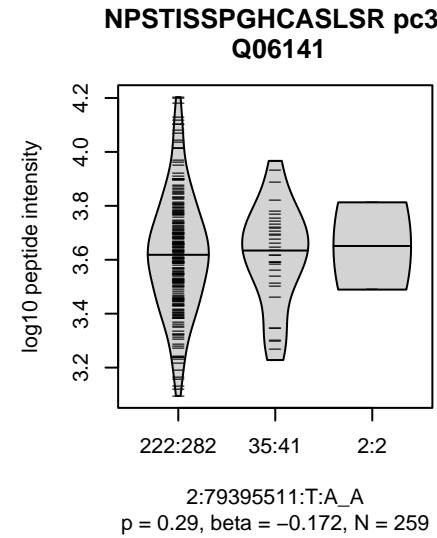
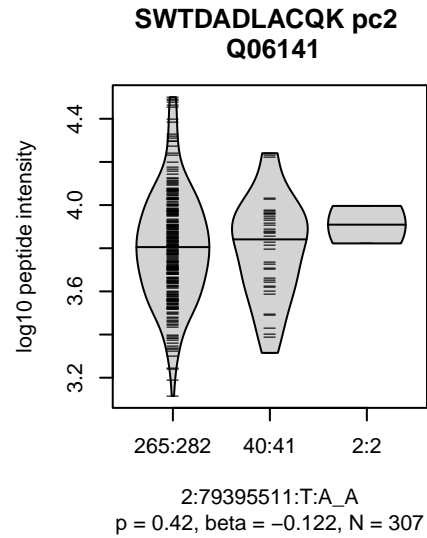
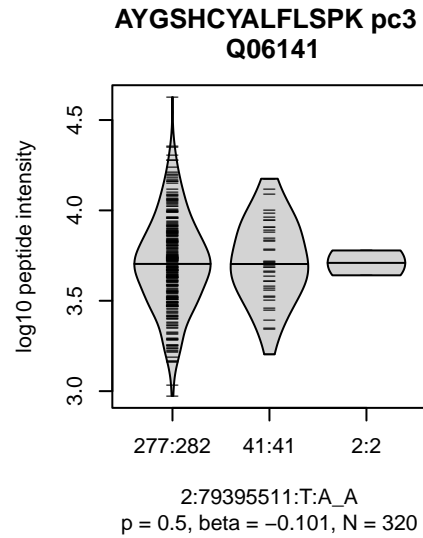
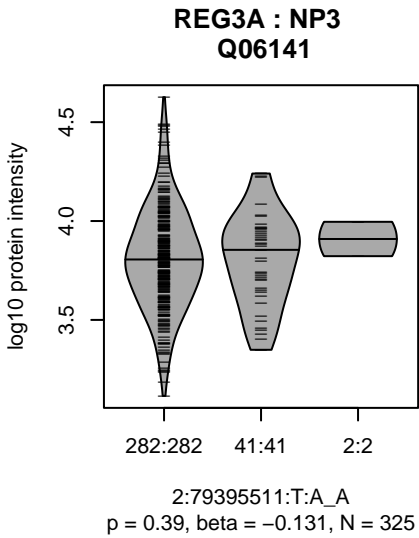
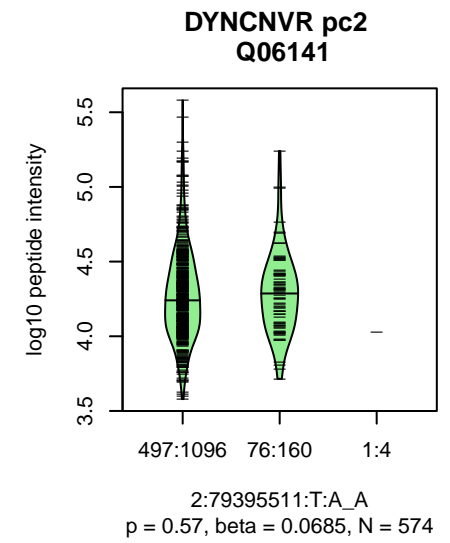
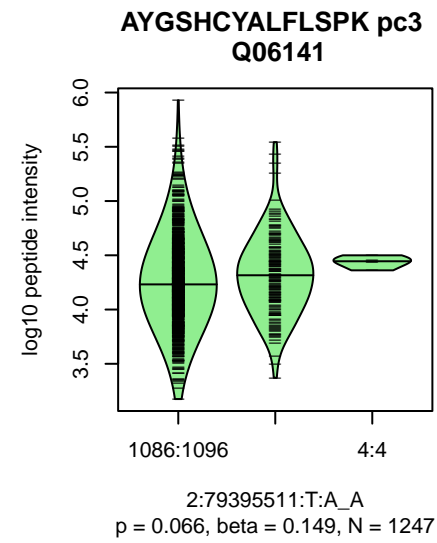
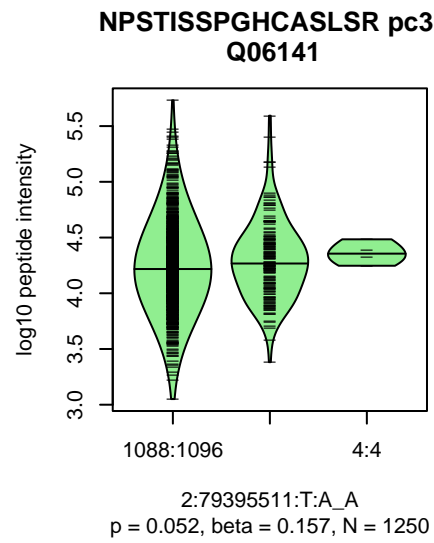
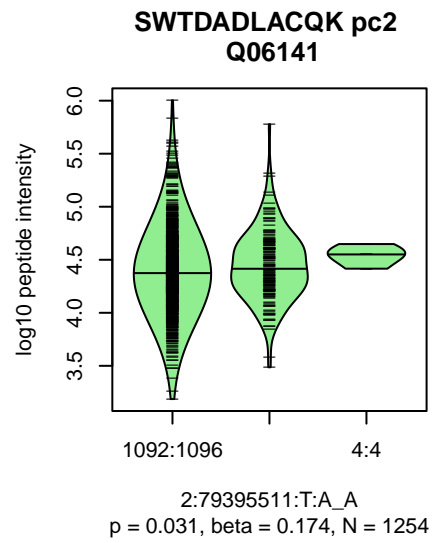
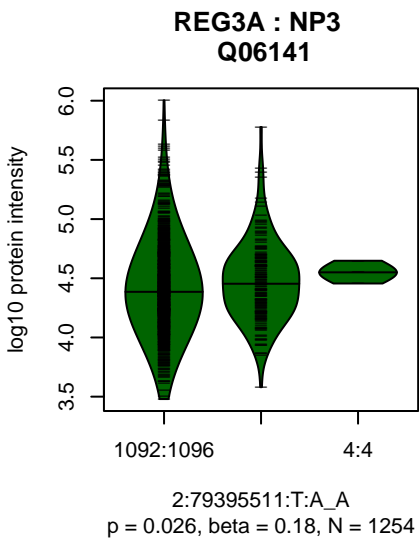
4:1165748:T:C_C
p = 0.01, beta = -0.388, N = 226

**HSLVSFVVR pc2
Q9BUD6**

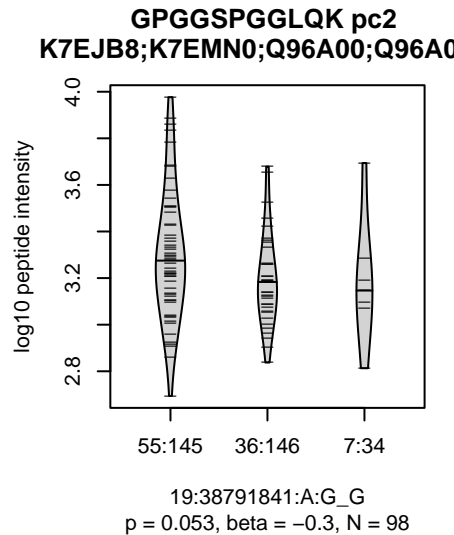
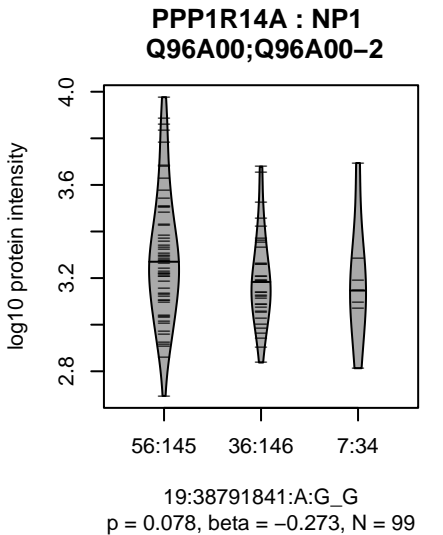
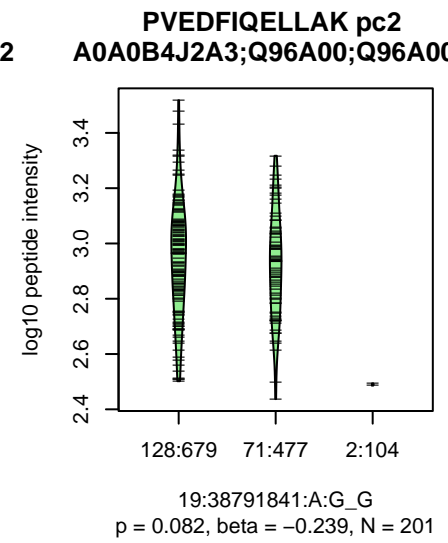
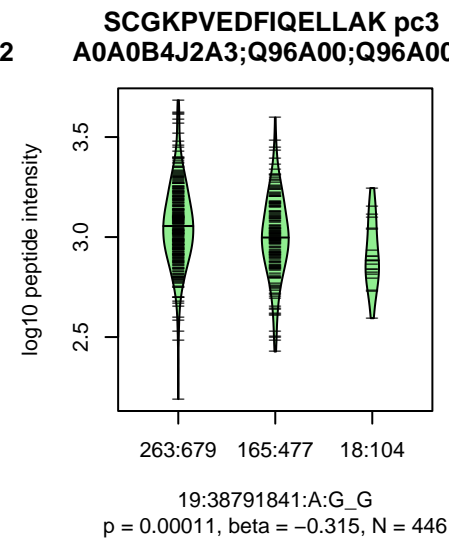
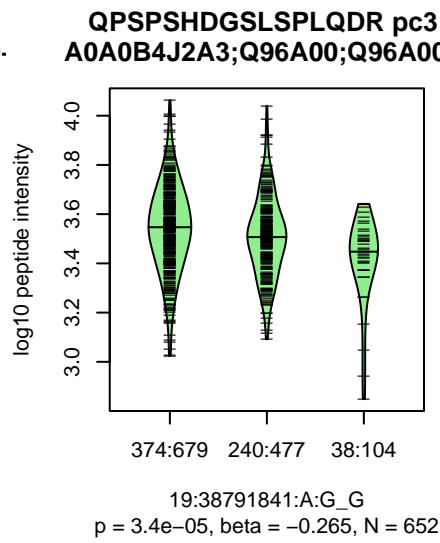
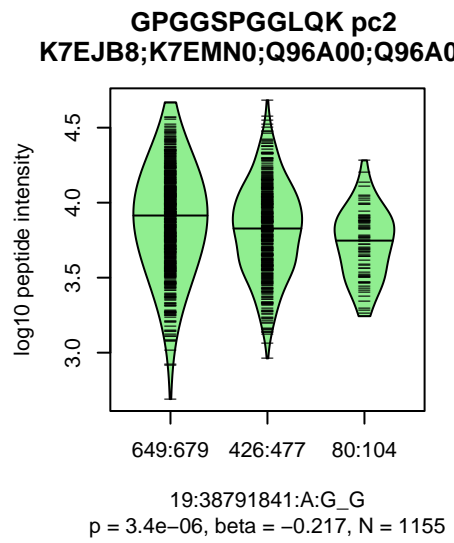
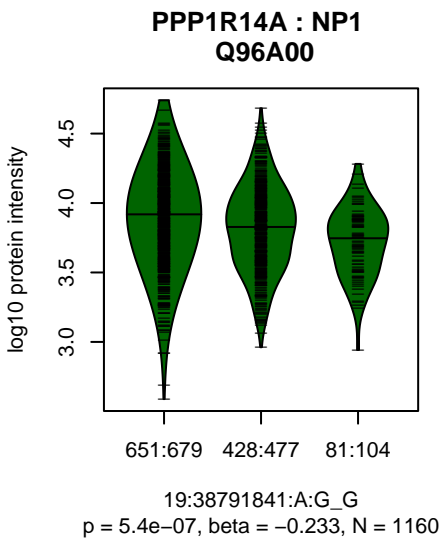


4:1165748:T:C_C
p = 0.079, beta = -0.316, N = 212

Assay Target: SPON2
Olink UniProt: Q9BUD6
UKB rsID: rs6836335
Proxy rsID: rs6836335
UKB SNP: 4:1165748:T:C
Proxy SNP: 4:1165748:T:C
UKB log10(p): 221.2
UKB BETA: 0.293
..*.*.*-
1164:1071:767:762:733:478

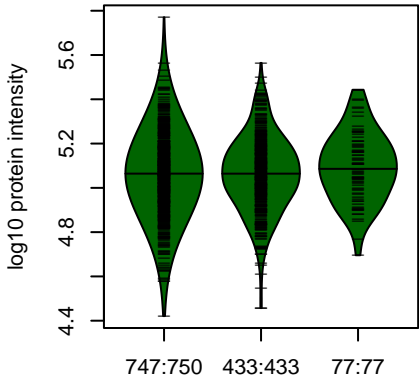


Assay Target: REG3A
 Olink UniProt: Q06141
 UKB rsID: rs147616162
 Proxy rsID: rs147616162
 UKB SNP: 2:79395511:T:A
 Proxy SNP: 2:79395511:T:A
 UKB log10(p): 215.7
 UKB BETA: 0.396
 - - - - -
 1254:1250:1247:694:574:324:17



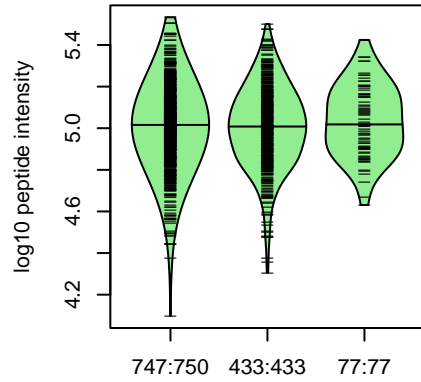
Assay Target: PPP1R14A
 Olink UniProt: Q96A00
 UKB rsID: rs71354995
 Proxy rsID: rs71354995
 UKB SNP: 19:38791841:A:G
 Proxy SNP: 19:38791841:A:G
 UKB log10(p): 215
 UKB BETA: -0.221
 ..*.-.-
 1155:652:446:201:90

**EFEMP1 : NP5
Q12805**



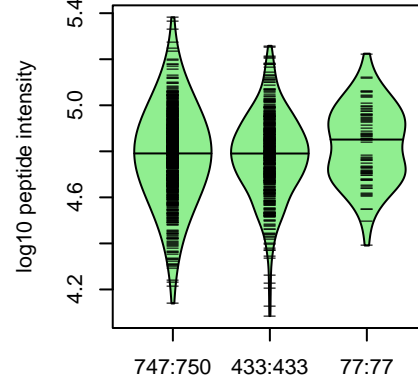
2:56096892:A:G_G
p = 0.25, beta = 0.0525, N = 1257

**CVCPVSNAMCR pc2
Q12805**



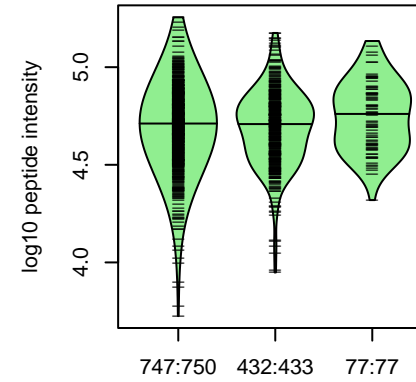
2:56096892:A:G_G
p = 0.48, beta = 0.0325, N = 1257

**QTSPVSAMLVLVK pc2
Q12805**



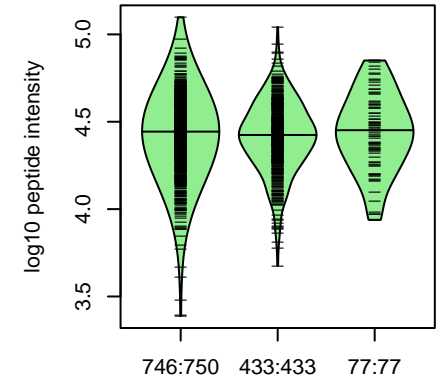
2:56096892:A:G_G
p = 0.14, beta = 0.0673, N = 1257

**FSCMCPQGYQVVR pc2
Q12805**



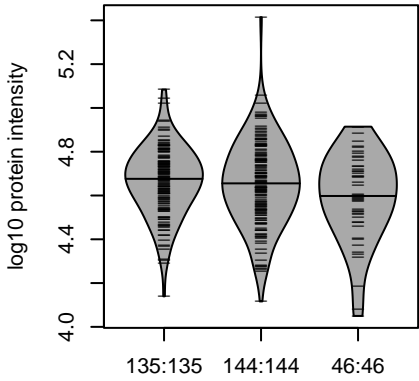
2:56096892:A:G_G
p = 0.2, beta = 0.059, N = 1256

**GSFACQPPGYQK pc2
Q12805**



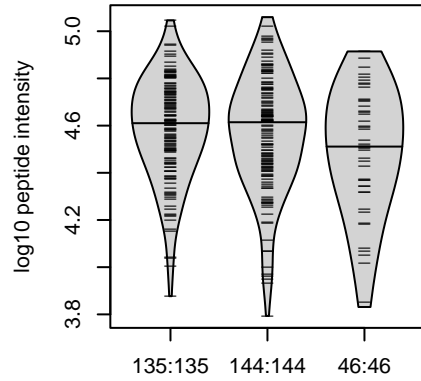
2:56096892:A:G_G
p = 0.79, beta = 0.0126, N = 1256

**EFEMP1 : NP5
Q12805**



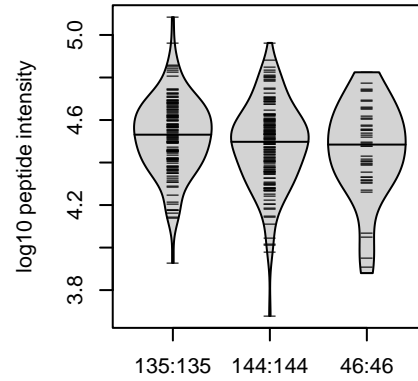
2:56096892:A:G_G
p = 0.42, beta = -0.0637, N = 325

**ADQVCINLR pc2
Q12805**



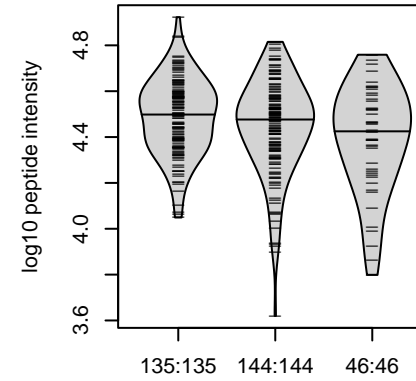
2:56096892:A:G_G
p = 0.25, beta = -0.0898, N = 325

**CVCPVSNAMCR pc2
Q12805**



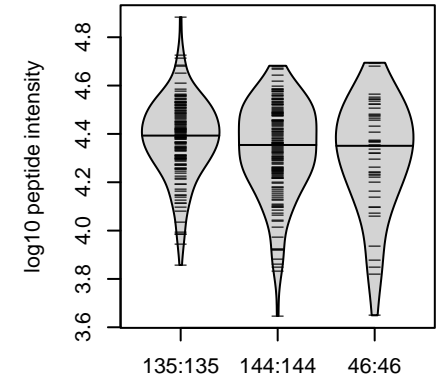
2:56096892:A:G_G
p = 0.39, beta = -0.068, N = 325

**FSCMCPQGYQVVR pc2
Q12805**



2:56096892:A:G_G
p = 0.16, beta = -0.111, N = 325

**GSFACQPPGYQK pc2
Q12805**

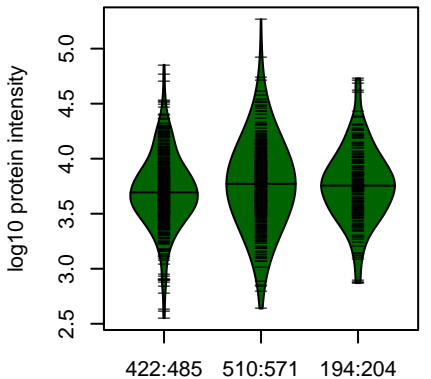


2:56096892:A:G_G
p = 0.26, beta = -0.0892, N = 325

Assay Target: EFEMP1
Olink UniProt: Q12805
UKB rsID: rs3791679
Proxy rsID: rs3791679
UKB SNP: 2:56096892:A:G
Proxy SNP: 2:56096892:A:G
UKB log10(p): 208.1
UKB BETA: 0.205

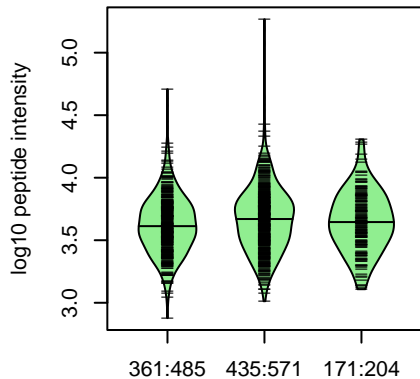
1257:1257:1256:1256:1256:125

GSTP1 : NP1
P09211



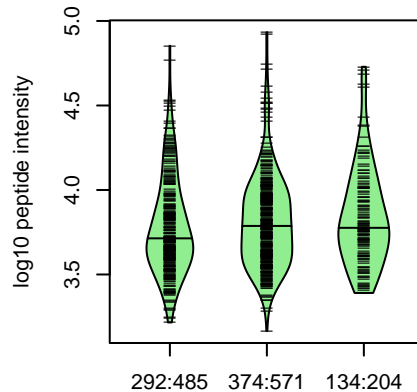
11:67352256:C:A_A
p = 0.0088, beta = 0.109, N = 1126

MLLADQGQSWK pc2
A8MX94;P09211



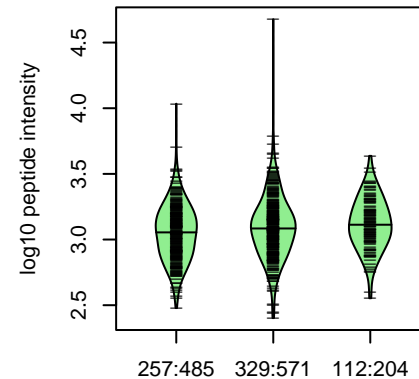
11:67352256:C:A_A
p = 0.024, beta = 0.101, N = 967

PFETLLSQNQGGK pc2
P09211



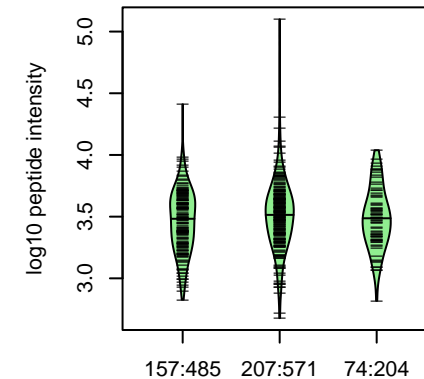
11:67352256:C:A_A
p = 0.071, beta = 0.0904, N = 800

EEVVTVETWQEGSLK pc2
A8MX94;P09211



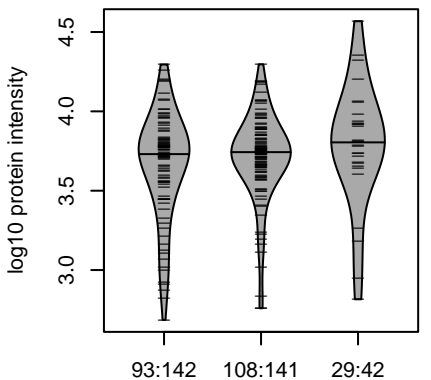
11:67352256:C:A_A
p = 0.0014, beta = 0.171, N = 698

ASCLYGLPK pc2
A8MX94;P09211



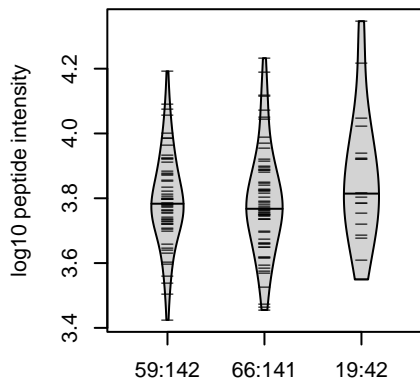
11:67352256:C:A_A
p = 0.38, beta = 0.0588, N = 438

GSTP1 : NP1
P09211



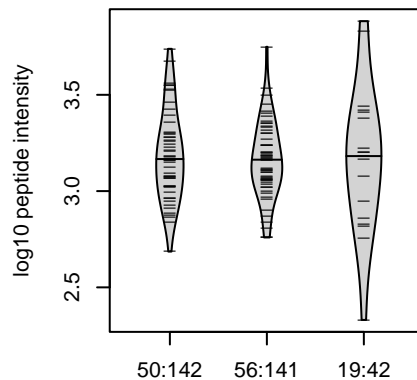
11:67352256:C:A_A
p = 0.088, beta = 0.164, N = 230

PFETLLSQNQGGK pc2
P09211



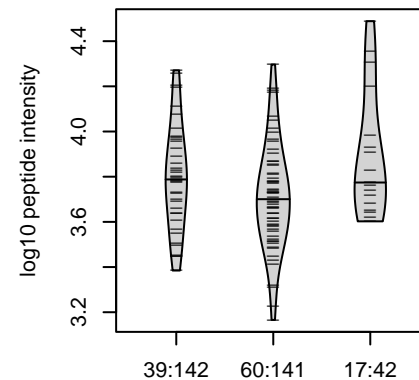
11:67352256:C:A_A
p = 0.62, beta = 0.0599, N = 144

EEVVTVETWQEGSLK pc2
A8MX94;P09211



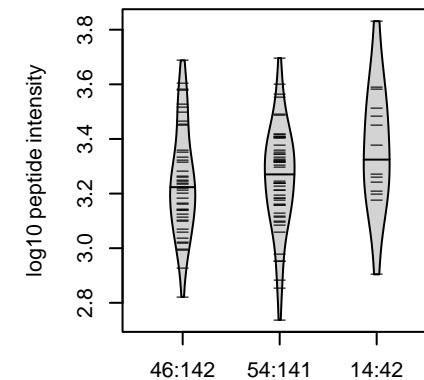
11:67352256:C:A_A
p = 0.85, beta = -0.023, N = 125

MLLADQGQSWK pc2
A8MX94;P09211



11:67352256:C:A_A
p = 0.62, beta = 0.0663, N = 116

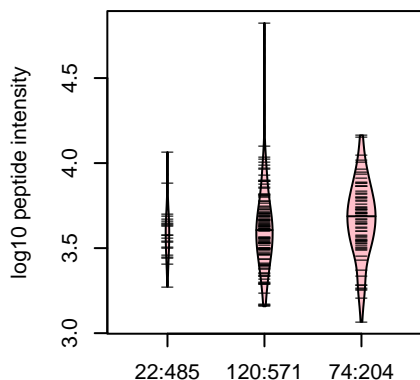
PPYTVVYFPVR pc2
A0A2R8Y5E5;A8MX94;P09211



11:67352256:C:A_A
p = 0.089, beta = 0.23, N = 114

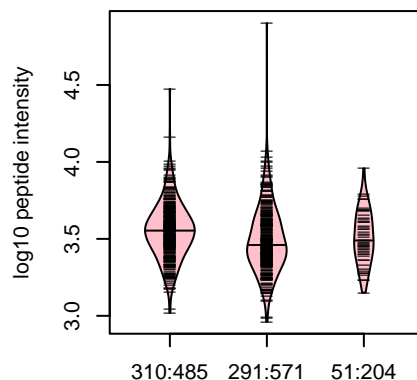
Assay Target: GSTP1
Olink UniProt: P09211
UKB rsID: rs762803
Proxy rsID: rs762803
UKB SNP: 11:67352256:C:A
Proxy SNP: 11:67352256:C:A
UKB log10(p): 205.9
UKB BETA: 0.196
- - - * - - - * - - - * - - - :NA
967:800:698:438:354:323:269:1

YVSLIYTNYEAGK pc2
rs1695 ALT



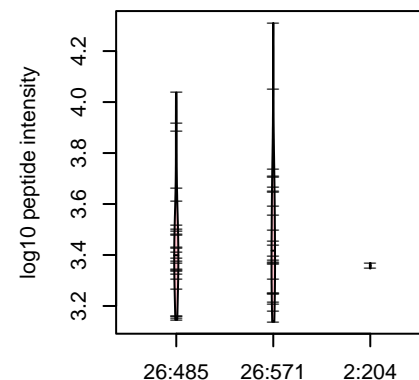
11:67352256:C:A_A
p = 7.5e-24, model = REC, N = 216

YISLIYTNYEAGK pc2
rs1695 REF

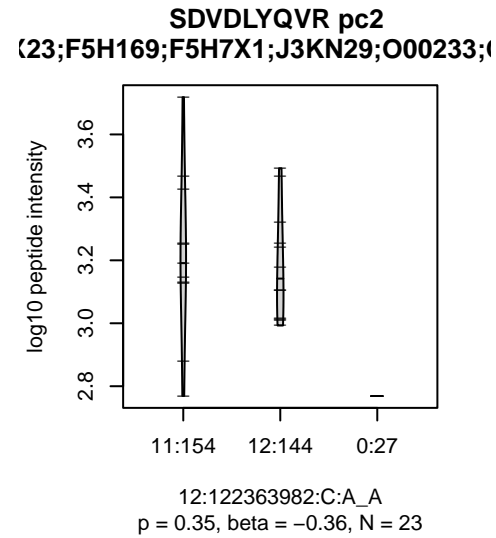
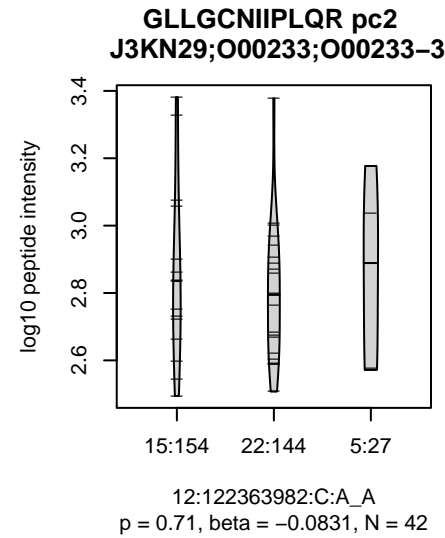
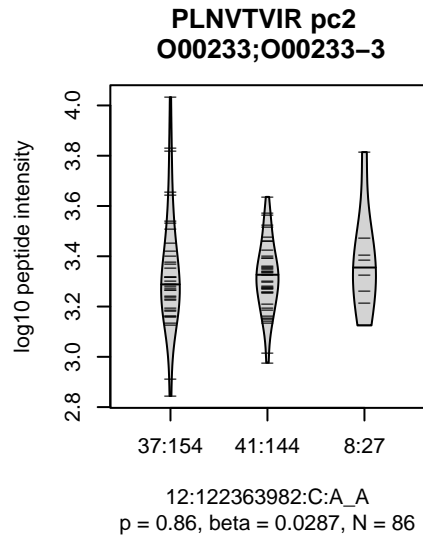
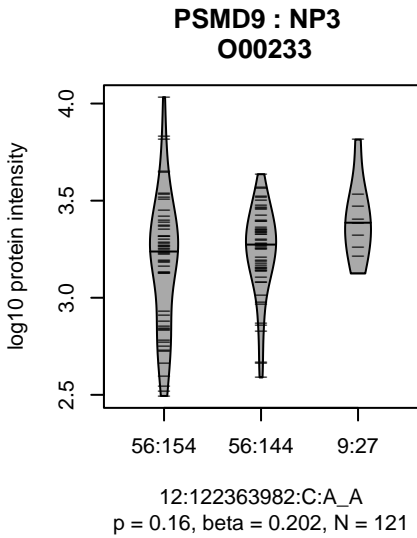
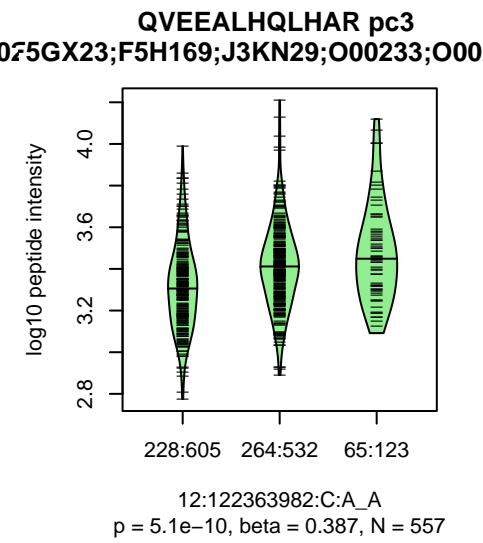
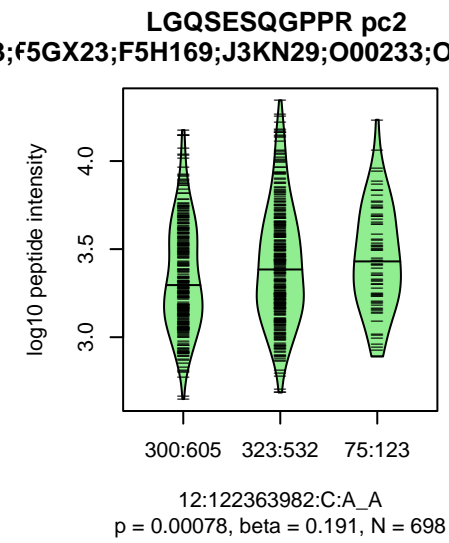
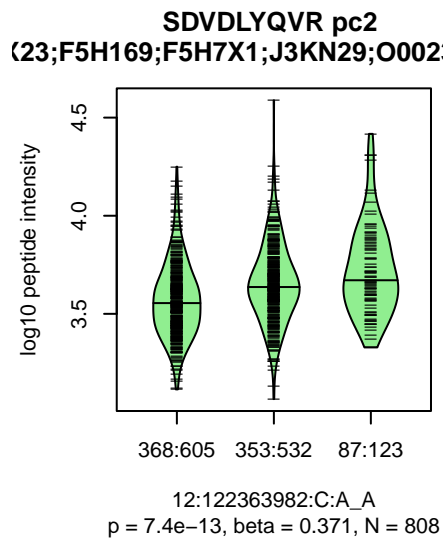
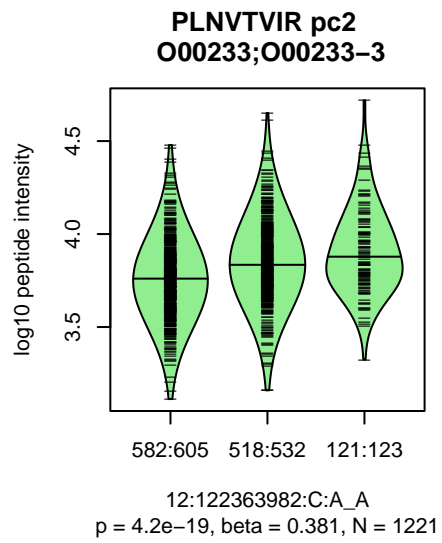
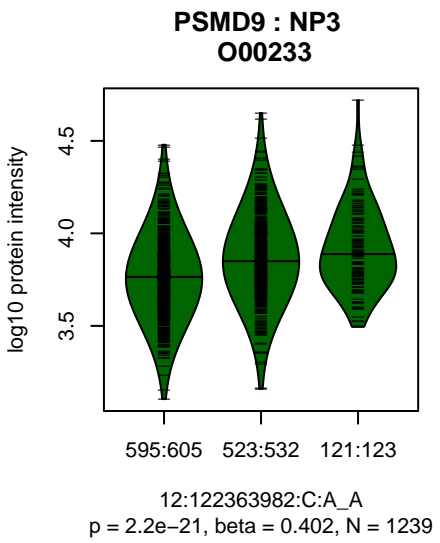


11:67352256:C:A_A
p = 3.2e-17, model = DOM, N = 652

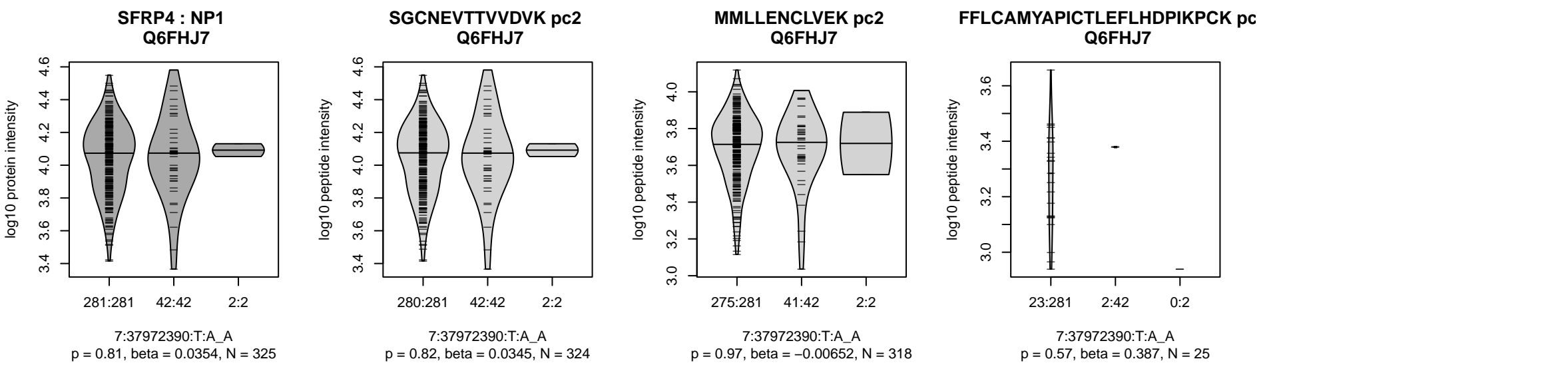
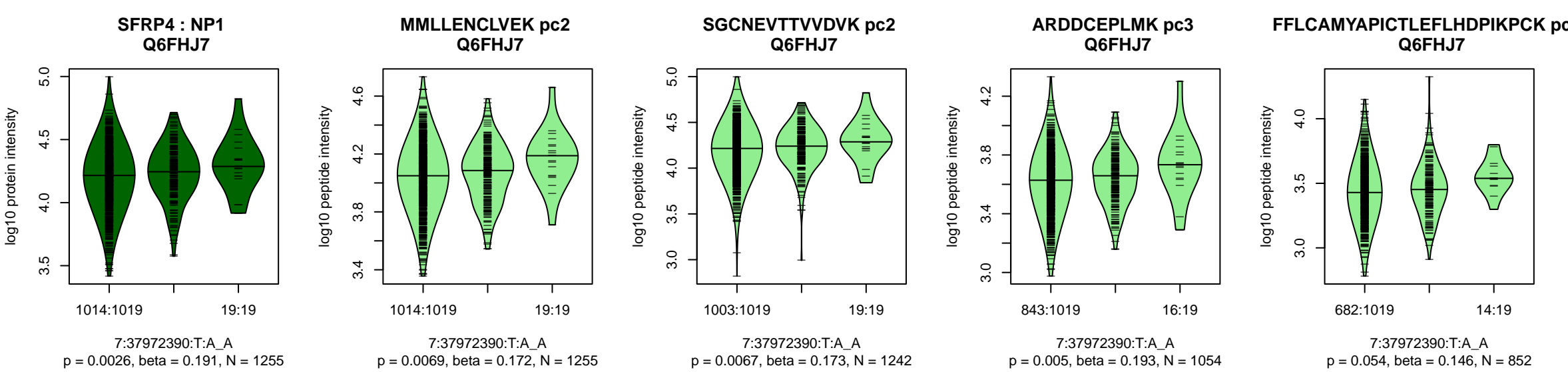
YISLIYTNYEAGKDDYVK pc3
rs1695 REF



11:67352256:C:A_A
p = 0.0073, model = DOM, N = 54

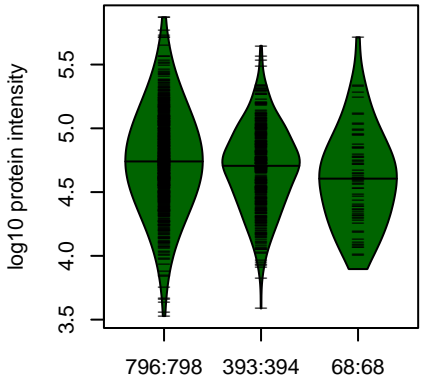


Assay Target: PSMD9
 Olink UniProt: O00233
 UKB rsID: rs1720066
 Proxy rsID: rs1720066
 UKB SNP: 12:122363982:C:A
 Proxy SNP: 12:122363982:C:A
 UKB log10(p): 203.8
 UKB BETA: -0.199
 **:*:*:*:-*:-:NA:NA:NA
 1221:808:698:557:483:419:371:



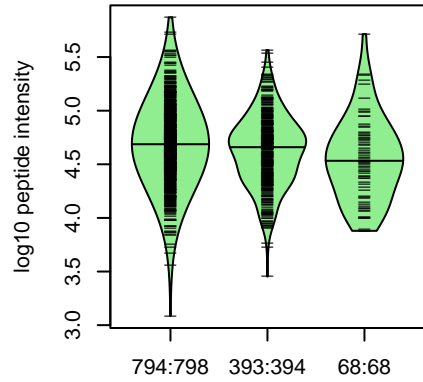
Assay Target: SFRP4
 Olink UniProt: Q6FHJ7
 UKB rsID: rs75207237
 Proxy rsID: rs75207237
 UKB SNP: 7:37972390:T:A
 Proxy SNP: 7:37972390:T:A
 UKB log10(p): 201
 UKB BETA: 0.28
 **:*:-:-:-NA
 1255:1242:1054:852:662:103:17

**CCL5 : NP4
P13501**



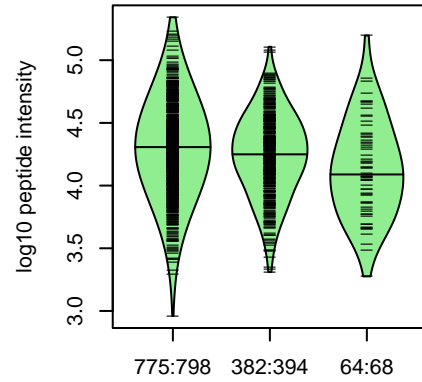
17:34207780:C:T_T
p = 2.6e-05, beta = -0.199, N = 1257

**CSNPAVVFVTR pc2
P13501**



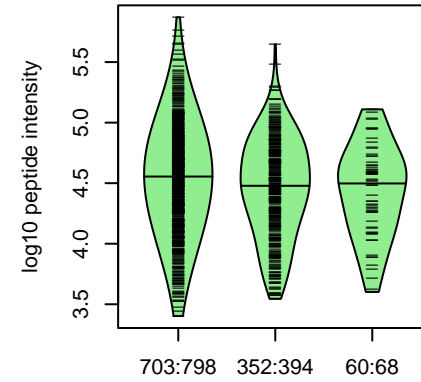
17:34207780:C:T_T
p = 5.6e-05, beta = -0.19, N = 1255

**QVCANPEK pc2
P13501**



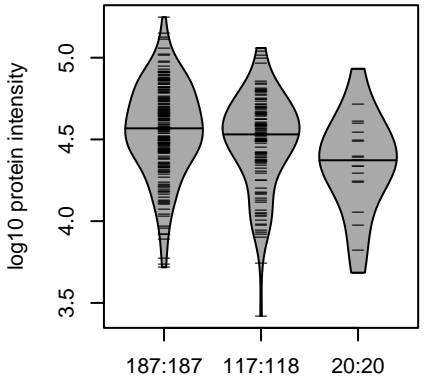
17:34207780:C:T_T
p = 6e-05, beta = -0.193, N = 1221

**EYFYTS GK pc2
A0A494C1Q1;P13501**



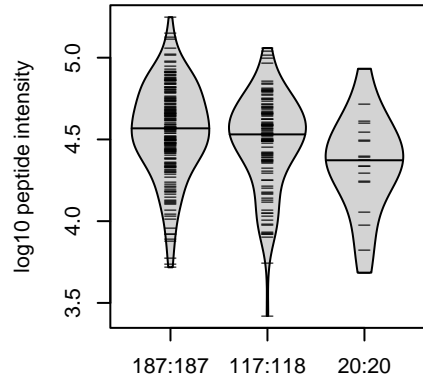
17:34207780:C:T_T
p = 0.0018, beta = -0.157, N = 1115

**CCL5 : NP4
P13501**



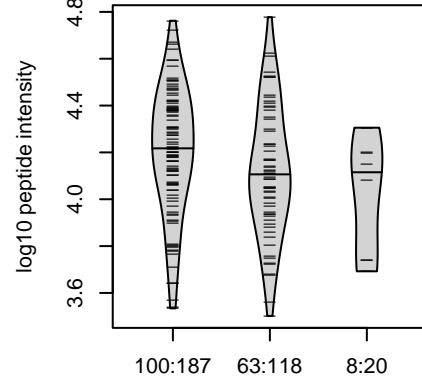
17:34207780:C:T_T
p = 0.0017, beta = -0.279, N = 324

**CSNPAVVFVTR pc2
P13501**



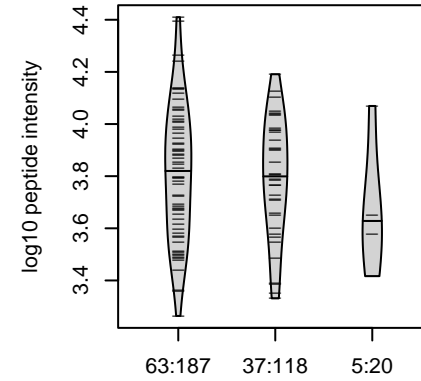
17:34207780:C:T_T
p = 0.0019, beta = -0.277, N = 324

**EYFYTS GK pc2
A0A494C1Q1;P13501**



17:34207780:C:T_T
p = 0.0052, beta = -0.354, N = 171

**QVCANPEK pc2
P13501**

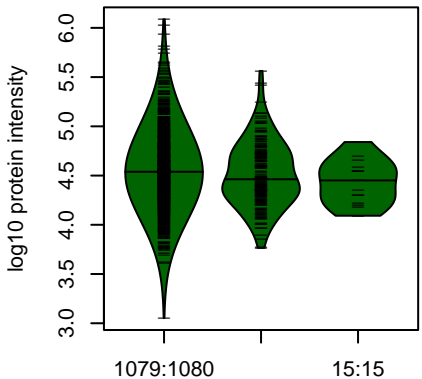


17:34207780:C:T_T
p = 0.3, beta = -0.167, N = 105

Assay Target: CCL5
Olink UniProt: P13501
UKB rsID: rs2107538
Proxy rsID: rs2107538
UKB SNP: 17:34207780:C:T
Proxy SNP: 17:34207780:C:T
UKB log10(p): 196.7
UKB BETA: -0.231

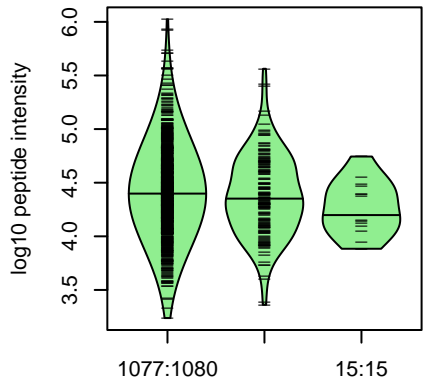
1255:1221:1115

PIGR : NP4
P01833



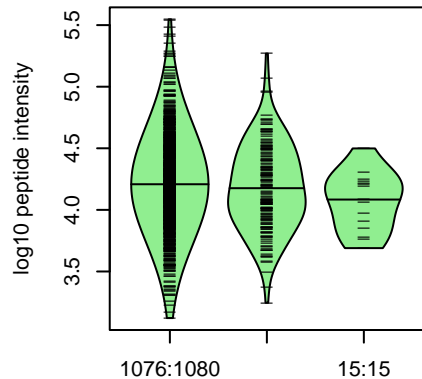
1:207107696:C:T_T
p = 0.96, beta = 0.0039, N = 1259

LVSLTLNLVTR pc2
P01833



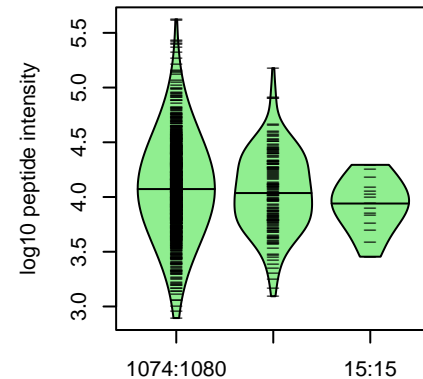
1:207107696:C:T_T
p = 0.92, beta = -0.00753, N = 1257

ADEGWYWCGVK pc2
P01833



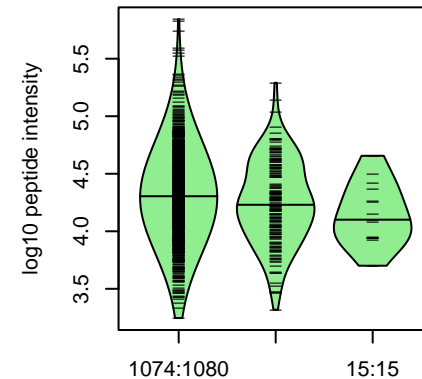
1:207107696:C:T_T
p = 0.76, beta = -0.0215, N = 1256

CPLLVDSEGWVK pc2
P01833



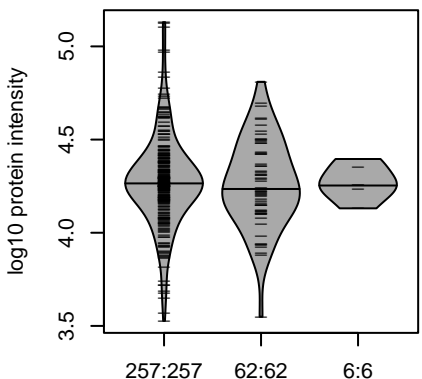
1:207107696:C:T_T
p = 0.89, beta = -0.00996, N = 1254

DGSFVVITGLR pc2
P01833



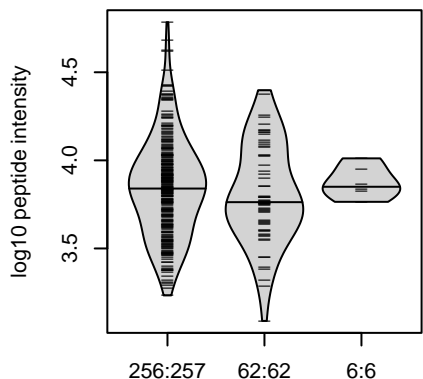
1:207107696:C:T_T
p = 0.48, beta = -0.0509, N = 1254

PIGR : NP4
P01833



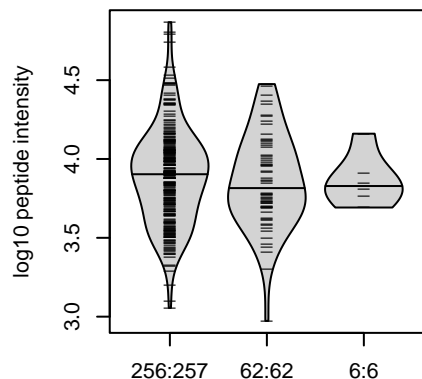
1:207107696:C:T_T
p = 0.64, beta = 0.0551, N = 325

GGCITLISSEGYVSSK pc2
P01833



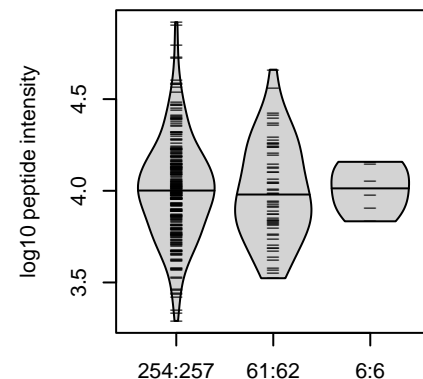
1:207107696:C:T_T
p = 0.94, beta = 0.00917, N = 324

LVSLTLNLVTR pc2
P01833



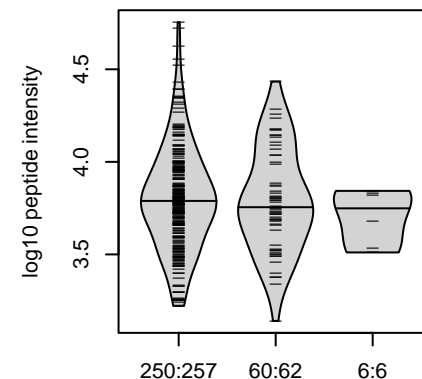
1:207107696:C:T_T
p = 1, beta = 0.000573, N = 324

ADEGWYWCGVK pc2
P01833



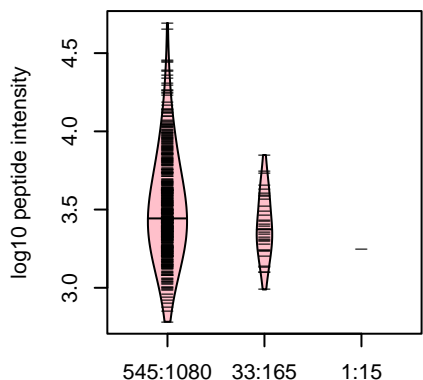
1:207107696:C:T_T
p = 0.91, beta = 0.0139, N = 321

YWCLWEGAQNGR pc2
P01833



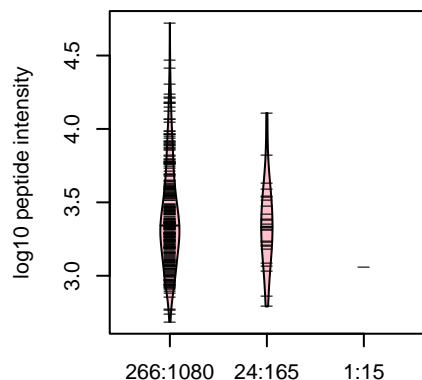
1:207107696:C:T_T
p = 0.8, beta = -0.0298, N = 316

ADAAPDEK pc2
rs291102 REF



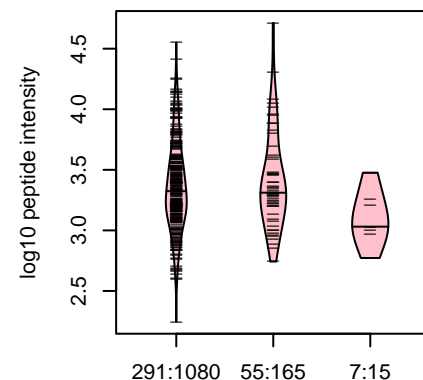
1:207107696:C:T_T
p = 5.3e-16, model = REC, N = 579

GVAGSSVAVLCPYNR pc2
rs2275531 ALT



1:207107696:C:T_T
p = 0.0011, model = REC, N = 291

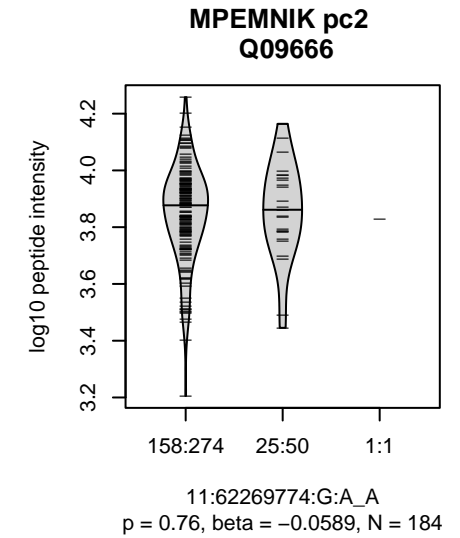
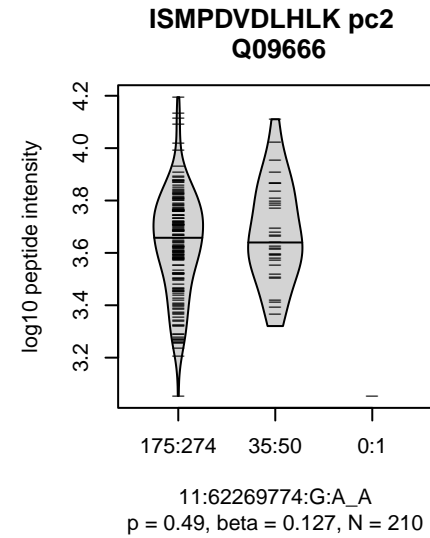
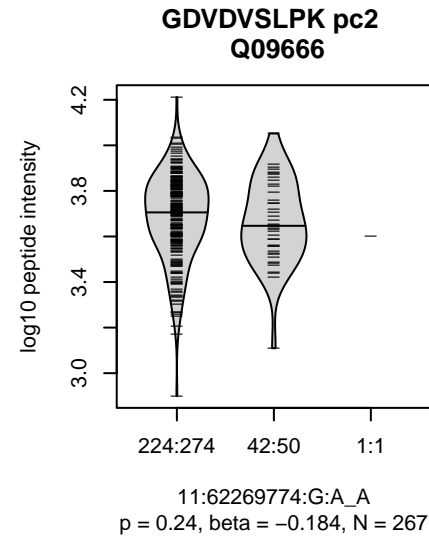
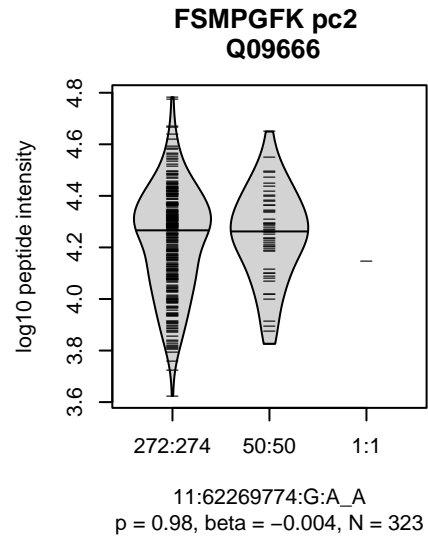
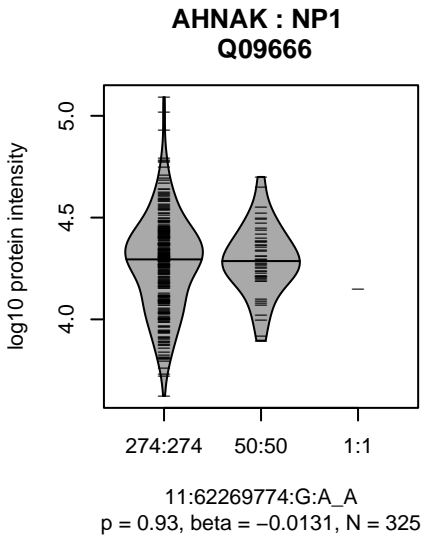
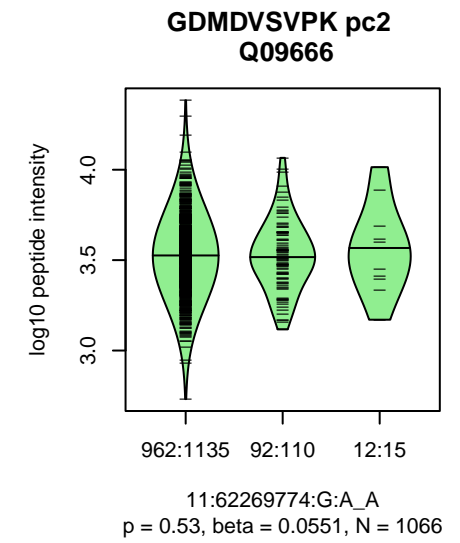
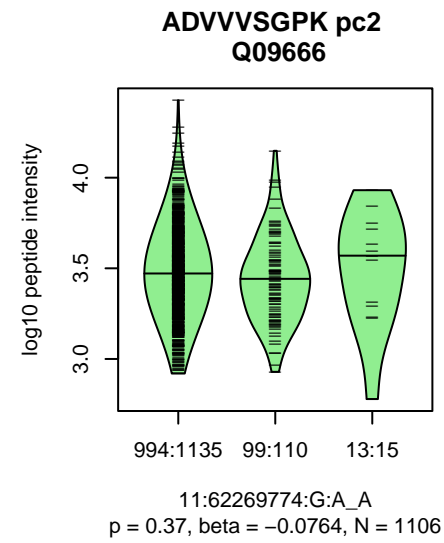
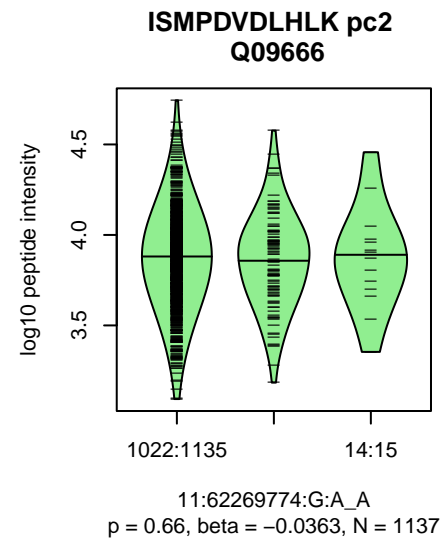
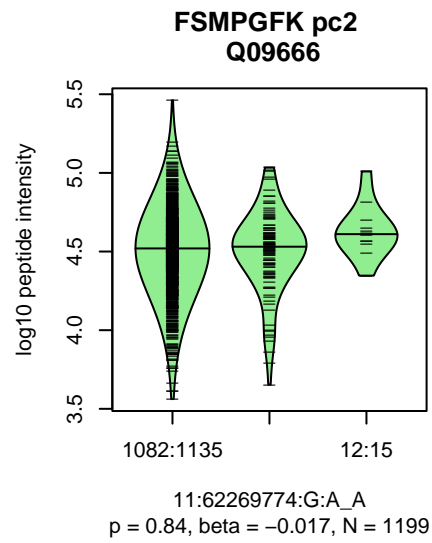
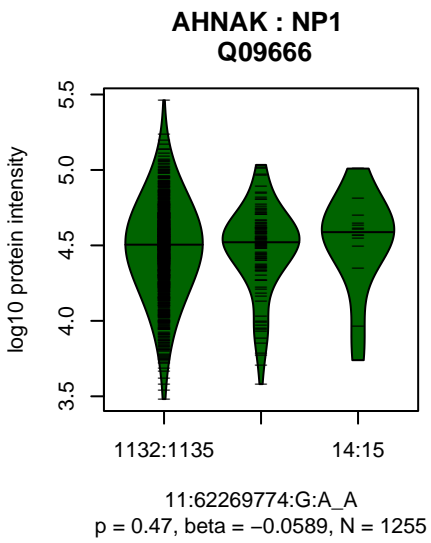
GVAGSSVAVLCPYNR pc2
rs2275531 REF



1:207107696:C:T_T
p = 0.04, model = REC, N = 353

Assay Target: PIGR
Olink UniProt: P01833
UKB rsID: rs291103
Proxy rsID: rs908701
UKB SNP: 1:207107079:G:A
Proxy SNP: 1:207107696:C:T
UKB log10(p): 191.4
UKB BETA: -0.519

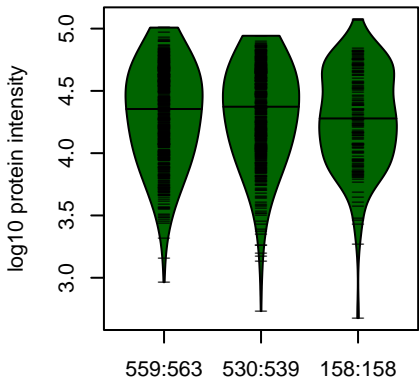
1257:1256:1254:1254:1254:123



Assay Target: AHNAK
 Olink UniProt: Q09666
 UKB rsID: rs145590149
 Proxy rsID: rs11231121
 UKB SNP: 11:62303555:T:TCTC
 Proxy SNP: 11:62269774:G:A
 UKB log10(p): 189.7
 UKB BETA: -0.496

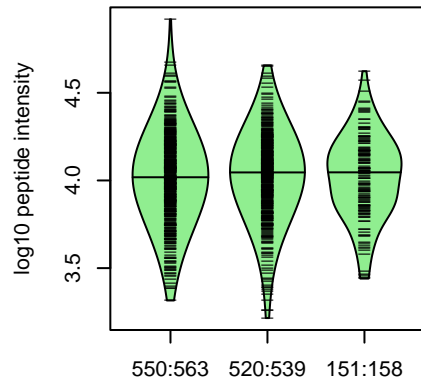
 1199:1137:1106:1066:1008:100

**COL4A1 : NP3
P02462**



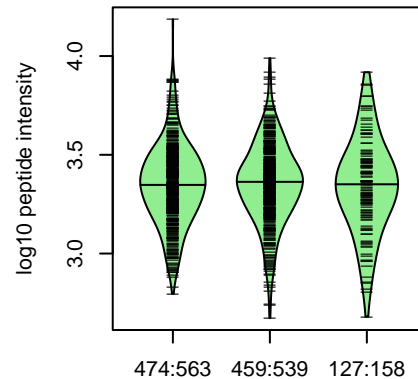
13:110818598:T:G_G
p = 0.61, beta = -0.0208, N = 1247

**ILYHGYSLLYVQGNR pc3
P02462**



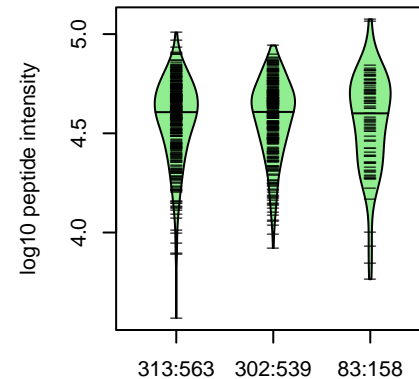
13:110818598:T:G_G
p = 0.75, beta = 0.0134, N = 1221

**HSQTIDDPQCPSGTK pc3
P02462**



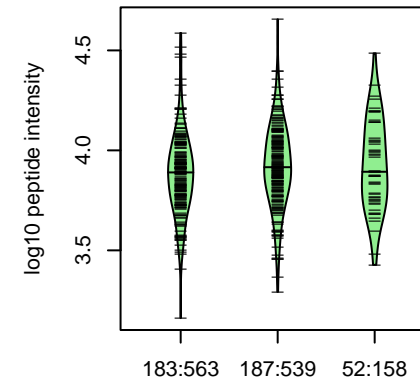
13:110818598:T:G_G
p = 0.9, beta = 0.00593, N = 1060

**AHGQDLGTAGSCLR pc3
P02462;P29400;P29400-2**



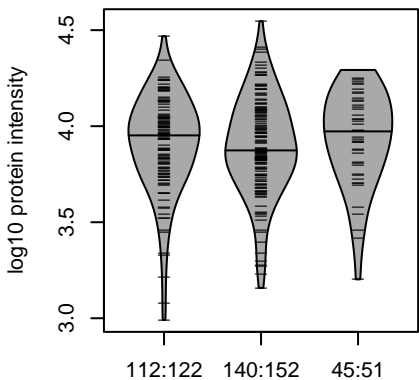
13:110818598:T:G_G
p = 0.63, beta = -0.0265, N = 698

**SAPFIECHGR pc2
P02462;P29400;P29400-2**



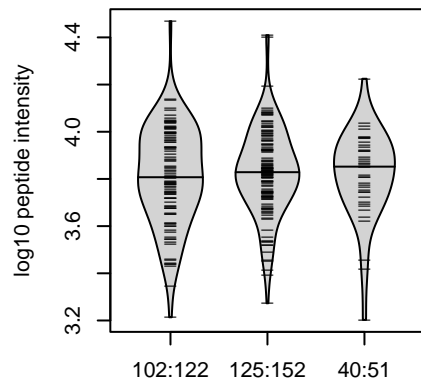
13:110818598:T:G_G
p = 0.22, beta = 0.087, N = 422

**COL4A1 : NP3
P02462**



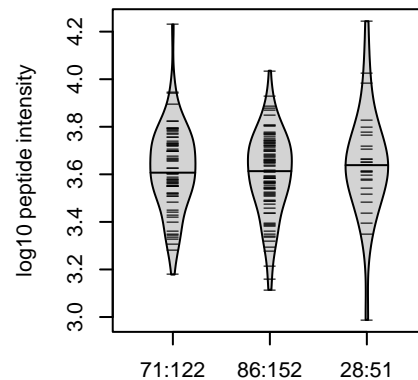
13:110818598:T:G_G
p = 0.91, beta = 0.00984, N = 297

**ILYHGYSLLYVQGNR pc3
P02462**



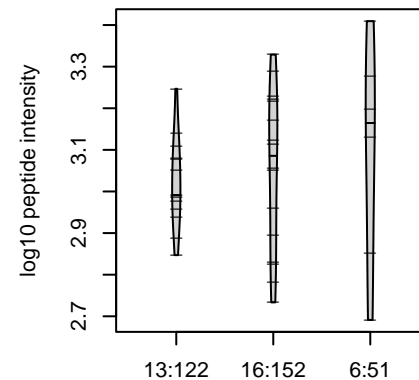
13:110818598:T:G_G
p = 0.78, beta = -0.0247, N = 267

**SAPFIECHGR pc2
P02462;P29400;P29400-2**



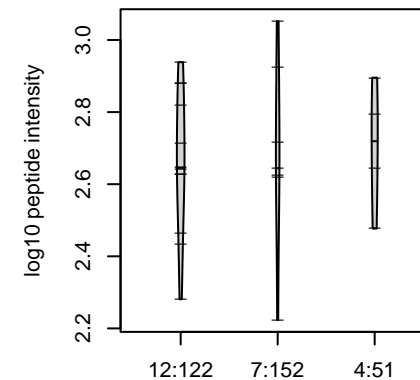
13:110818598:T:G_G
p = 0.64, beta = -0.0483, N = 185

**HSQTIDDPQCPSGTK pc3
P02462**



13:110818598:T:G_G
p = 0.42, beta = 0.18, N = 35

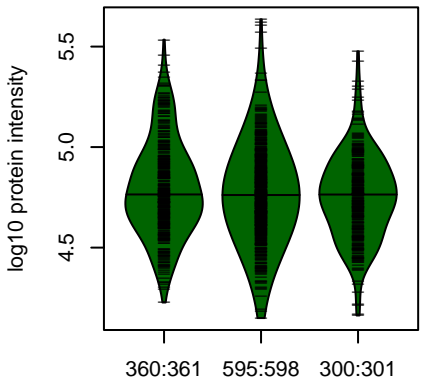
**AHGQDLGTAGSCLR pc2
P02462;P29400;P29400-2**



13:110818598:T:G_G
p = 0.55, beta = 0.152, N = 23

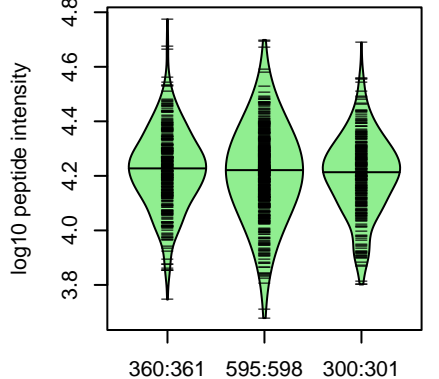
Assay Target: COL4A1
Olink UniProt: P02462
UKB rsID: rs3742207
Proxy rsID: rs3742207
UKB SNP: 13:110818598:T:G
Proxy SNP: 13:110818598:T:G
UKB log10(p): 186.6
UKB BETA: -0.184
-:-:-:-:-:NA:NA
1221:1060:698:422:283:130:2:1

**CSF1 : NP2
P09603**



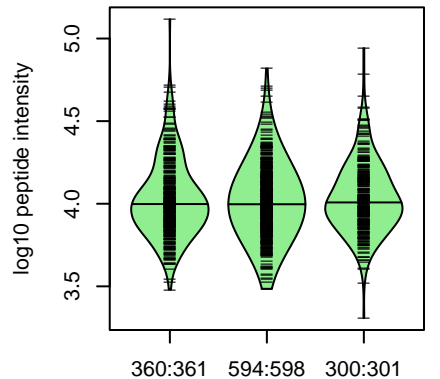
1:110503078:T:C_C
 $p = 0.046$, $\beta = -0.0774$, $N = 1255$

**TFYETPLQLLEK pc2
P09603;P09603-2;P09603-3**



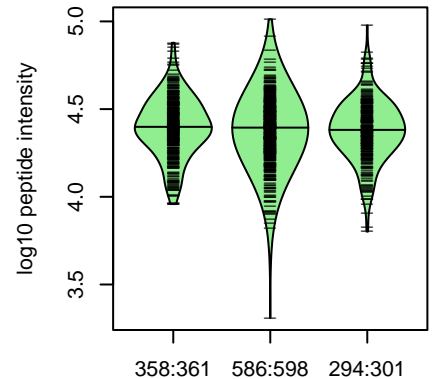
1:110503078:T:C_C
 $p = 0.11$, $\beta = -0.0623$, $N = 1255$

**TDHPSALLRDPPEPGSPR pc4
P09603**



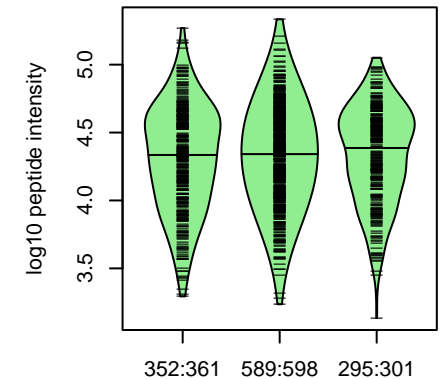
1:110503078:T:C_C
 $p = 0.46$, $\beta = 0.0285$, $N = 1254$

**AFLLVQDIMEDTMR pc2
P09603;P09603-2;P09603-3**



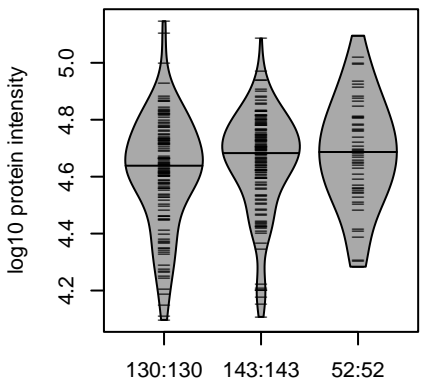
1:110503078:T:C_C
 $p = 0.15$, $\beta = -0.0568$, $N = 1238$

**SHSSGSVLPGLGELEGR pc3
P09603**



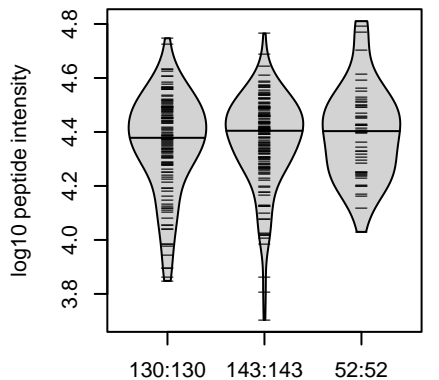
1:110503078:T:C_C
 $p = 0.42$, $\beta = 0.0317$, $N = 1236$

**CSF1 : NP2
P09603**



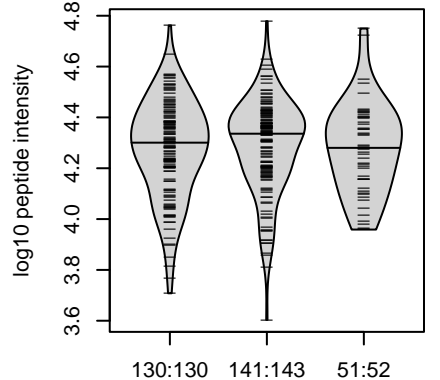
1:110503078:T:C_C
 $p = 0.2$, $\beta = 0.0987$, $N = 325$

**TFYETPLQLLEK pc2
P09603;P09603-2;P09603-3**



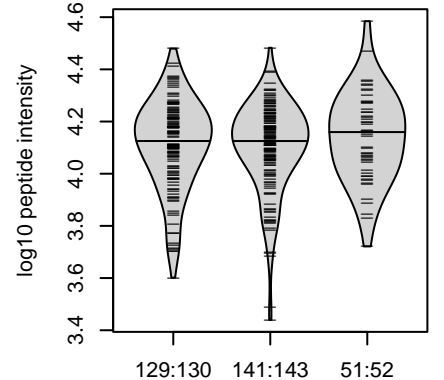
1:110503078:T:C_C
 $p = 0.85$, $\beta = 0.0143$, $N = 325$

**AFLLVQDIMEDTMR pc2
P09603;P09603-2;P09603-3**



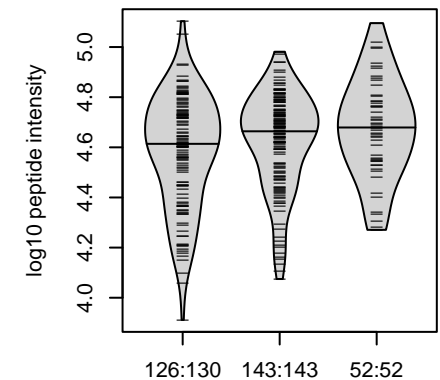
1:110503078:T:C_C
 $p = 0.47$, $\beta = -0.0562$, $N = 322$

**DWNIFSK pc2
P09603;P09603-2;P09603-3**



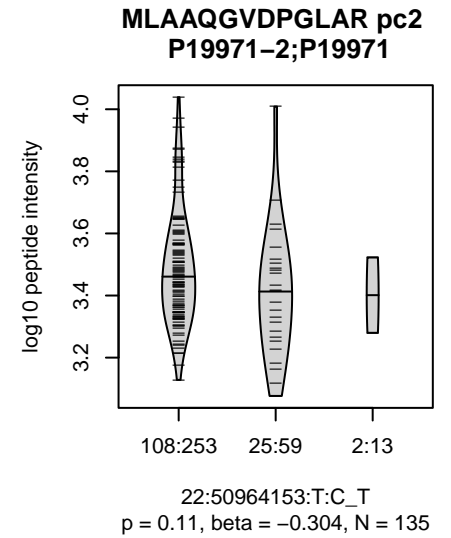
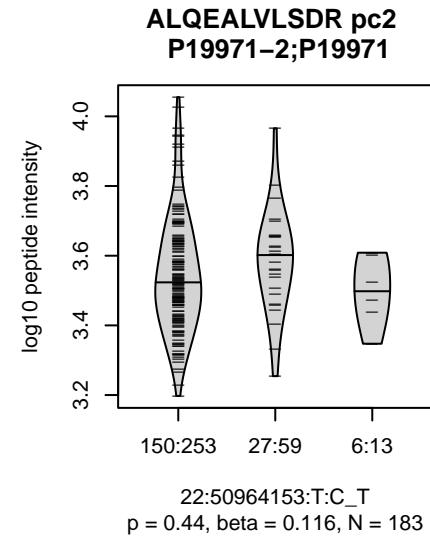
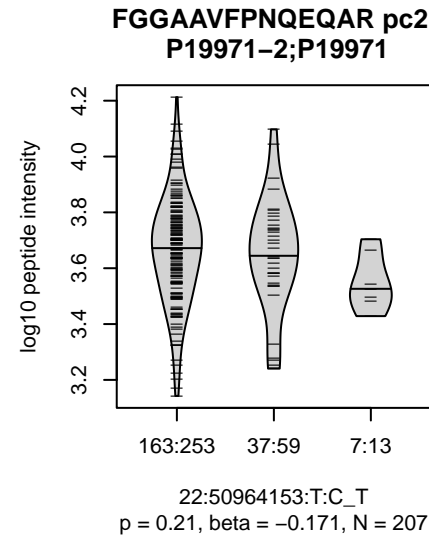
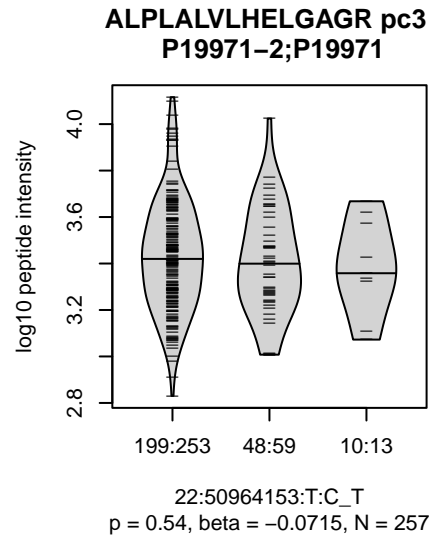
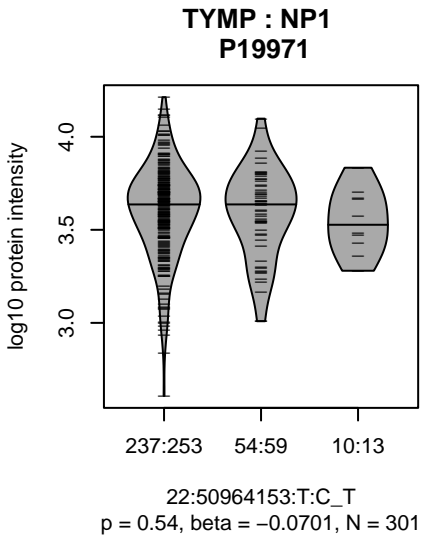
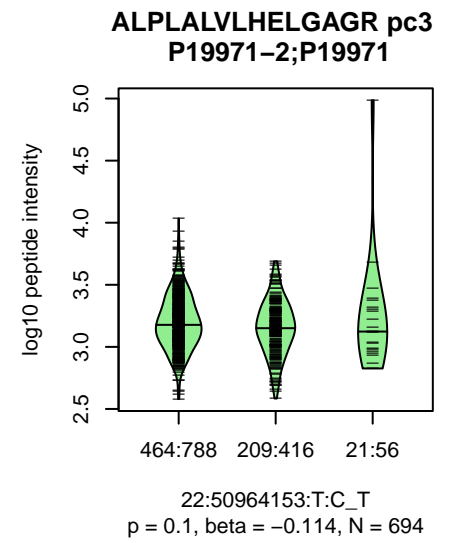
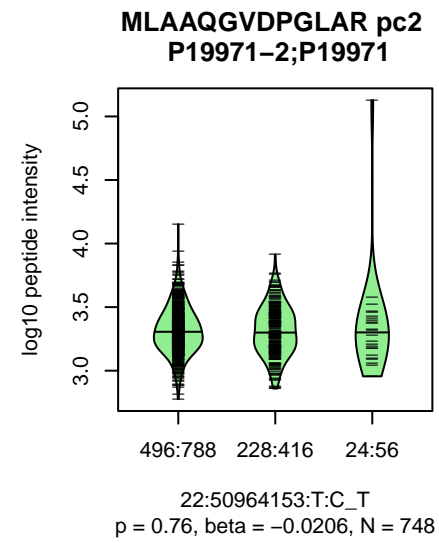
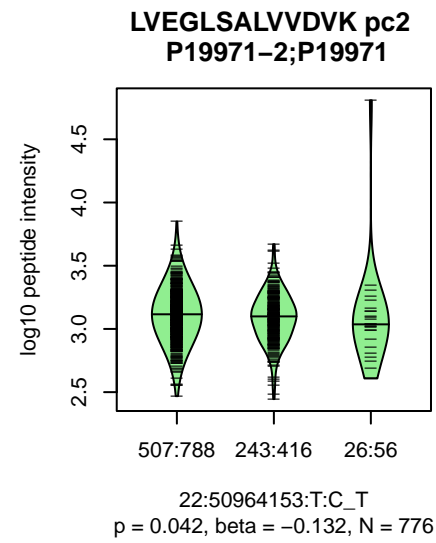
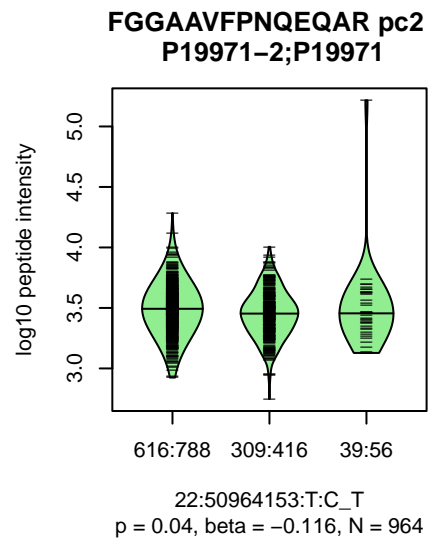
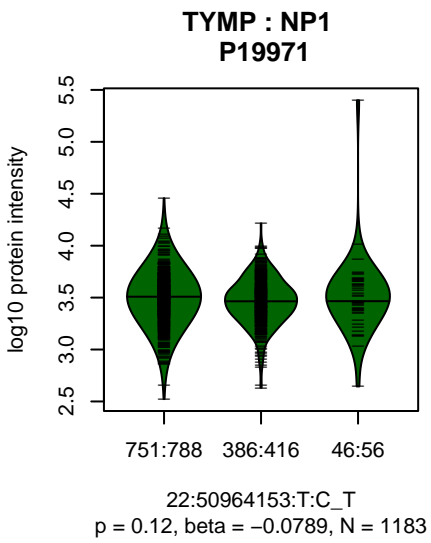
1:110503078:T:C_C
 $p = 0.99$, $\beta = 0.000833$, $N = 321$

**SHSSGSVLPGLGELEGR pc3
P09603**



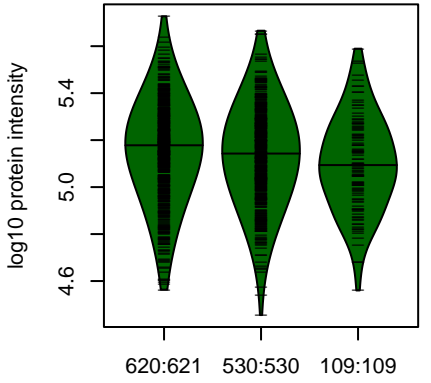
1:110503078:T:C_C
 $p = 0.11$, $\beta = 0.123$, $N = 321$

Assay Target: CSF1
Olink UniProt: P09603
UKB rsID: rs2225767
Proxy rsID: rs2225767
UKB SNP: 1:110503078:T:C
Proxy SNP: 1:110503078:T:C
UKB log10(p): 186.2
UKB BETA: -0.177
-----*-----
1255:1254:1238:1236:1219:119



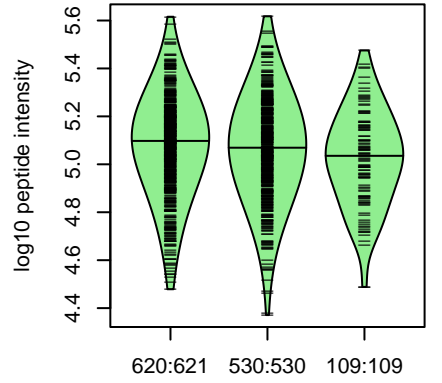
Assay Target: TYMP
 Olink UniProt: P19971
 UKB rsID: rs131805
 Proxy rsID: rs131805
 UKB SNP: 22:50964153:T:C
 Proxy SNP: 22:50964153:T:C
 UKB log10(p): 185.4
 UKB BETA: 0.22
 -----NA
 964:776:748:694:601:521:495:4

CXCL12 : NP4
P48061-4



10:44883165:C:T_T
p = 0.015, beta = -0.106, N = 1259

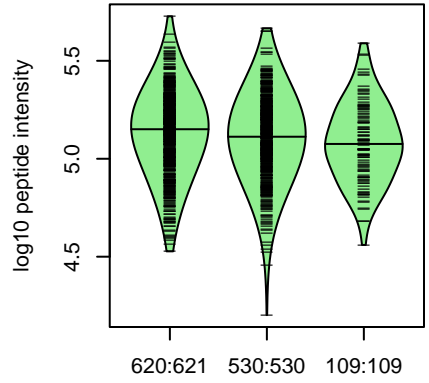
ILNTPNCALQIVAR pc2
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.034, beta = -0.0925, N = 1259

WIQEYLEK pc2

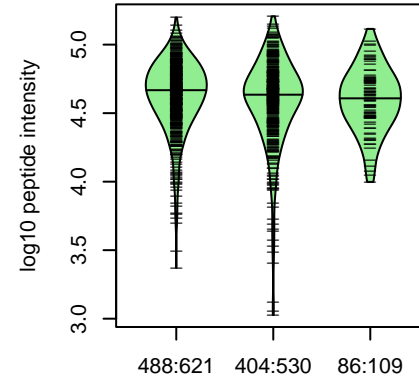
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.013, beta = -0.108, N = 1259

FFESHVAR pc2

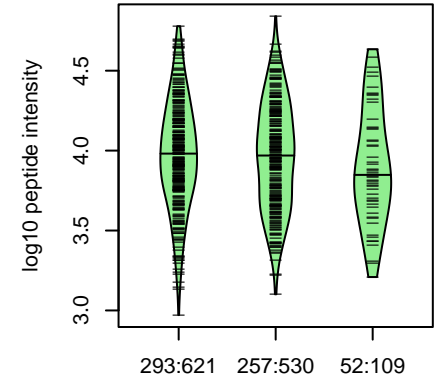
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.075, beta = -0.0877, N = 978

QVCIDPK pc2

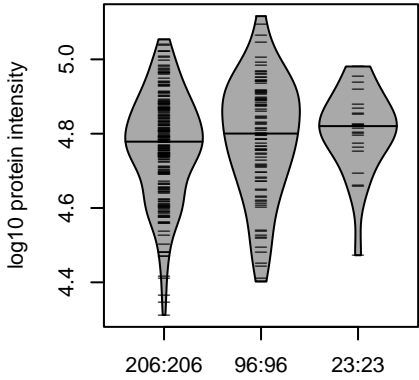
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.28, beta = -0.0677, N = 602

CXCL12 : NP4

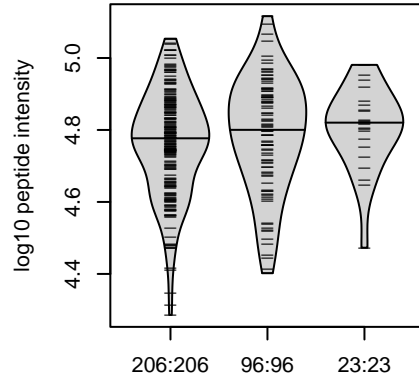
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.069, beta = 0.16, N = 325

ILNTPNCALQIVAR pc2

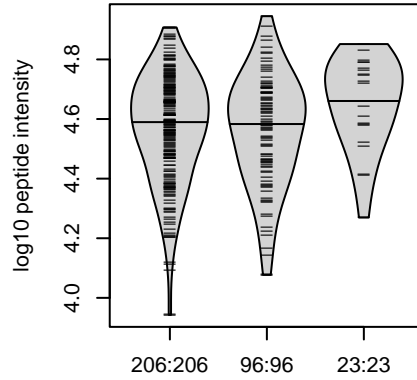
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.068, beta = 0.16, N = 325

WIQEYLEK pc2

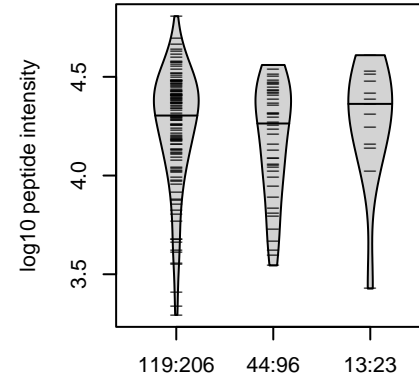
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.2, beta = 0.112, N = 325

FFESHVAR pc2

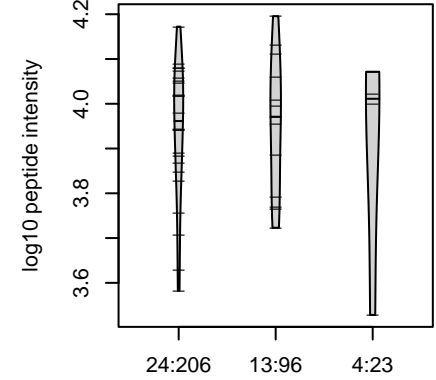
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.75, beta = -0.0375, N = 176

QVCIDPK pc2

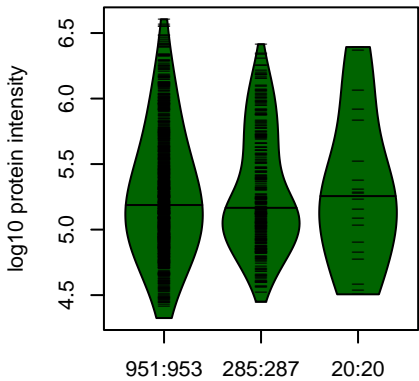
P48061;P48061-2;P48061-3;P48061



10:44883165:C:T_T
p = 0.98, beta = 0.0056, N = 41

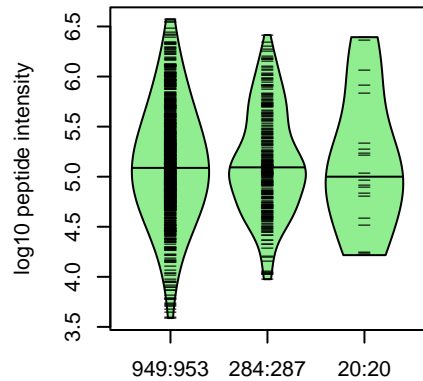
Assay Target: CXCL12
Olink UniProt: P48061
UKB rsID: rs11239028
Proxy rsID: rs11239028
UKB SNP: 10:44883165:C:T
Proxy SNP: 10:44883165:C:T
UKB log10(p): 184.6
UKB BETA: 0.191
-:-:-
1259:1259:978:602

CHGA : NP2
P10645



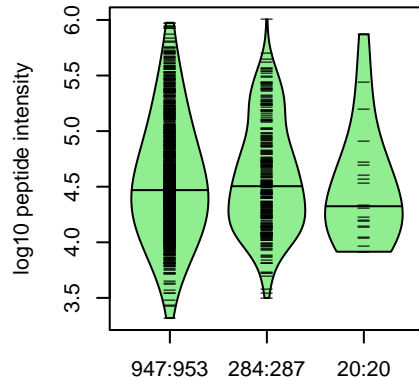
14:93399101:C:T_T
p = 0.37, beta = 0.0533, N = 1256

GLSAEPGWQAK pc2
P10645



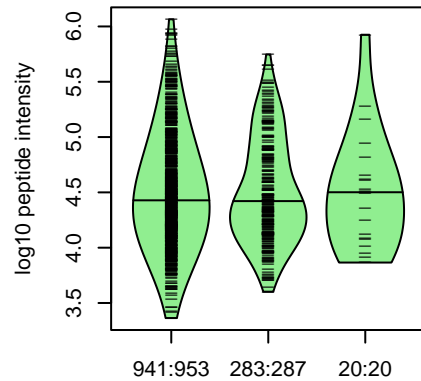
14:93399101:C:T_T
p = 0.61, beta = 0.0299, N = 1253

CIVEVISDTLSK pc2
G5E968;P10645

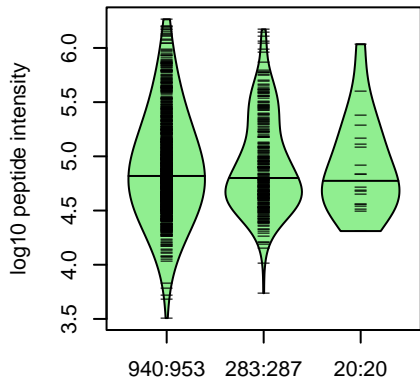


14:93399101:C:T_T
p = 0.45, beta = 0.0453, N = 1251

YGPQAEGDSEGLSQGLVDR pc3
P10645

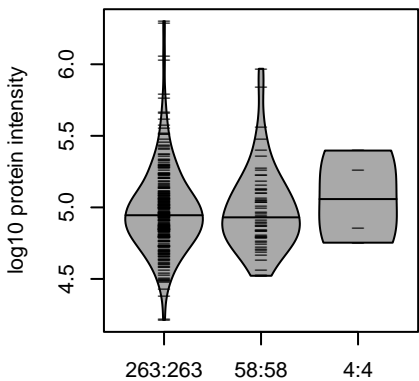


14:93399101:C:T_T
p = 0.42, beta = 0.0478, N = 1244



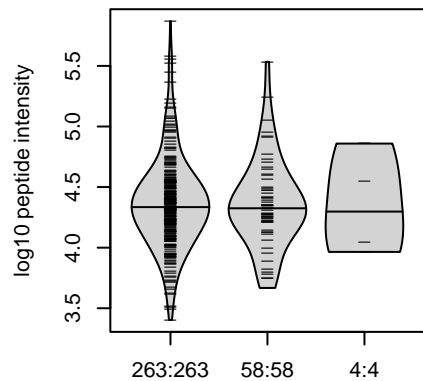
14:93399101:C:T_T
p = 0.41, beta = 0.0489, N = 1243

CHGA : NP2
P10645



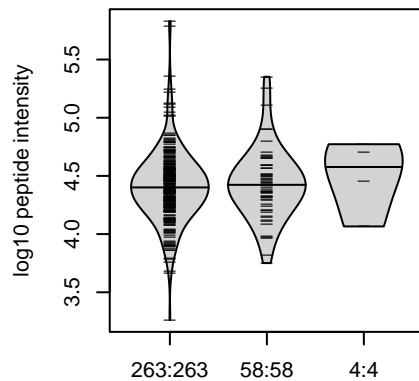
14:93399101:C:T_T
p = 0.66, beta = -0.0555, N = 325

CIVEVISDTLSK pc2
G5E968;P10645



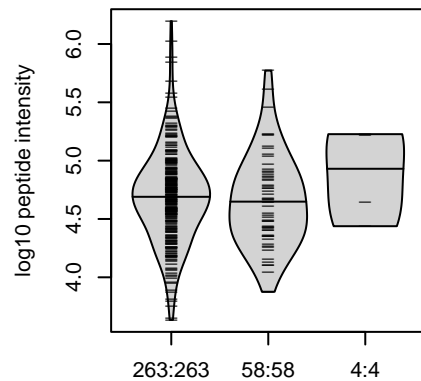
14:93399101:C:T_T
p = 0.32, beta = -0.125, N = 325

EEEEEMAVVPQGLFR pc3
G5E968;P10645



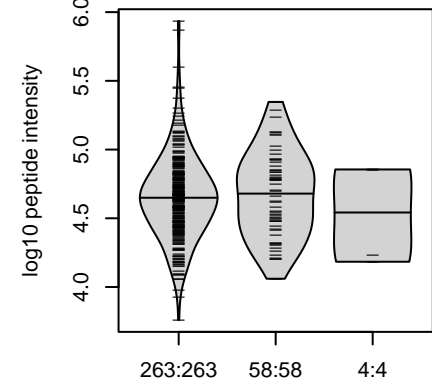
14:93399101:C:T_T
p = 0.79, beta = 0.0338, N = 325

ELQDLALQGAK pc2
G5E968;P10645



14:93399101:C:T_T
p = 0.72, beta = -0.0448, N = 325

GEQEHSQQKEEEEEEMAVVPQGLFR pc3
G5E968;P10645

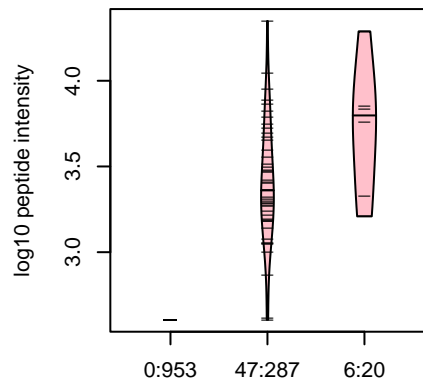


14:93399101:C:T_T
p = 0.55, beta = -0.0759, N = 325

Assay Target: CHGA
Olink UniProt: P10645
UKB rsID: rs729940
Proxy rsID: rs729940
UKB SNP: 14:93399101:C:T
Proxy SNP: 14:93399101:C:T
UKB log10(p): 183.9
UKB BETA: -0.242

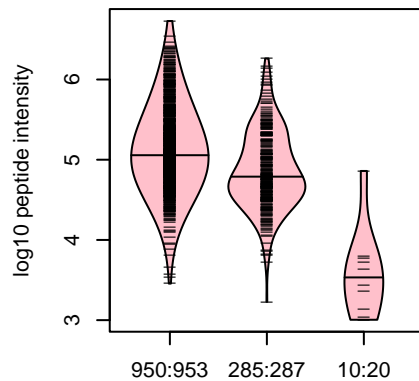
1253:1251:1244:1243:1243:124

PSSWEDSLEAGLPLQVR pc3
rs729940 ALT



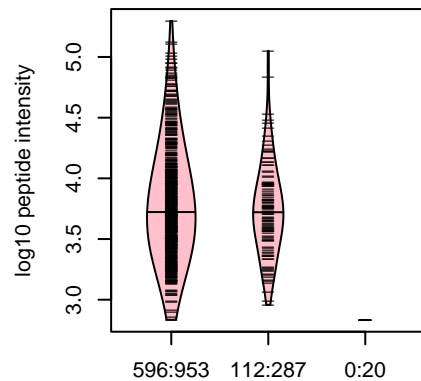
14:93399101:C:T_T
p = 8.1e-35, model = REC, N = 53

EDSLEAGLPLQVR pc2
rs729940 REF



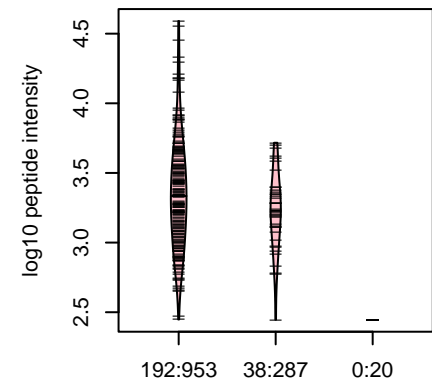
14:93399101:C:T_T
p = 2e-16, model = DOM, N = 1245

EDSLEAGLPLQVR pc3
rs729940 REF



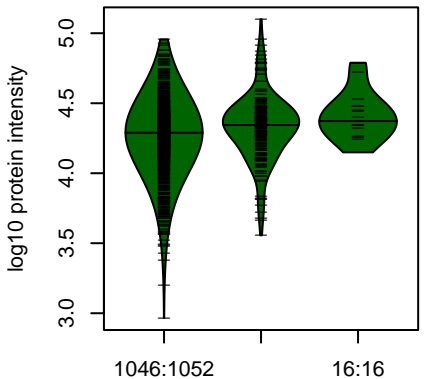
14:93399101:C:T_T
p = 1.8e-15, model = REC, N = 708

PSSREDSLEAGLPLQVR pc3
rs729940 REF



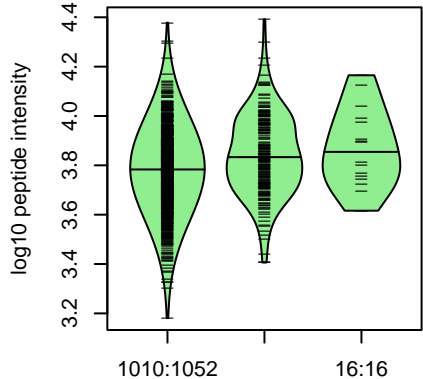
14:93399101:C:T_T
p = 0.0022, model = REC, N = 230

**S100A4 : NP2
P26447**



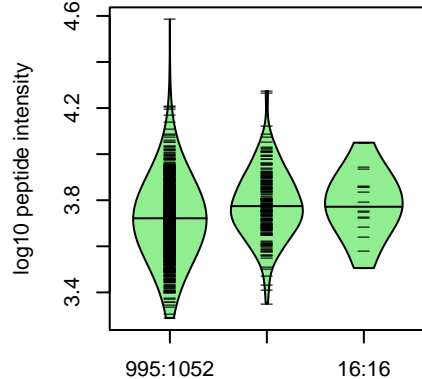
1:153520203:G:A_A
p = 0.0017, beta = 0.213, N = 1251

**ALDVMVSTFHK pc2
P26447**



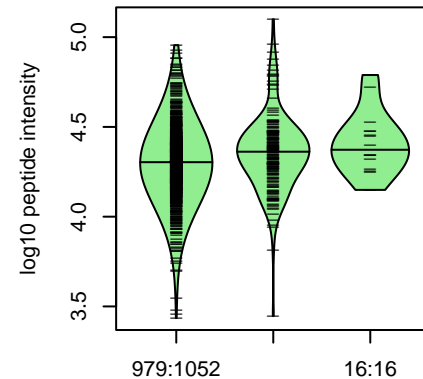
1:153520203:G:A_A
p = 0.00042, beta = 0.241, N = 1213

**TDEAAFQK pc2
P26447**



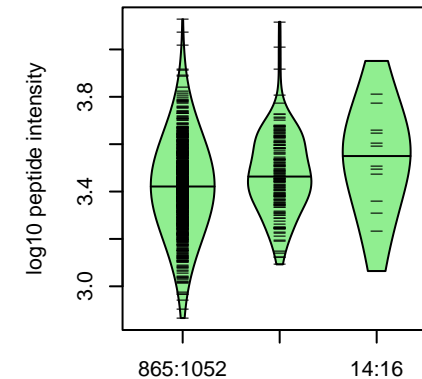
1:153520203:G:A_A
p = 2e-05, beta = 0.296, N = 1189

**ELPSFLGK pc2
P26447**



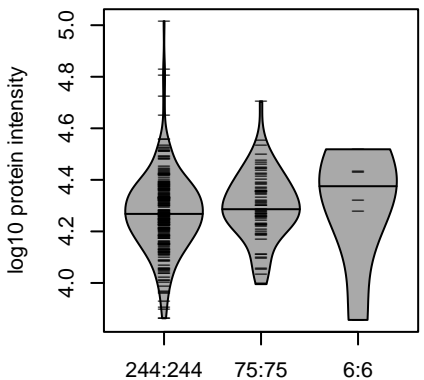
1:153520203:G:A_A
p = 0.017, beta = 0.165, N = 1174

**RTDEAAFQK pc2
P26447**



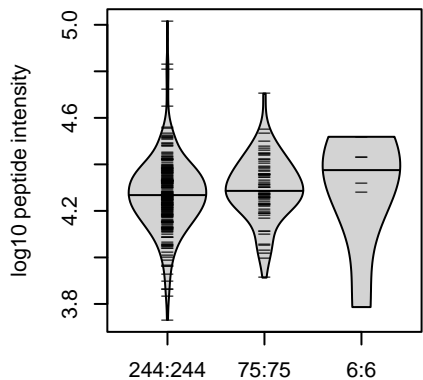
1:153520203:G:A_A
p = 0.0029, beta = 0.221, N = 1036

**S100A4 : NP2
P26447**



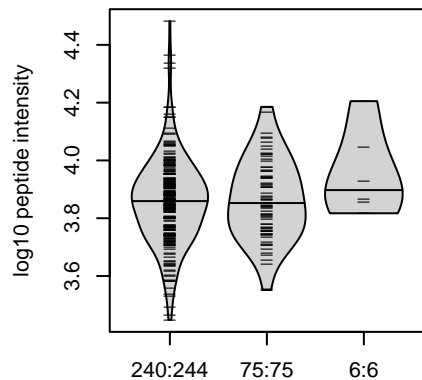
1:153520203:G:A_A
p = 0.35, beta = 0.107, N = 325

**ELPSFLGK pc2
P26447**



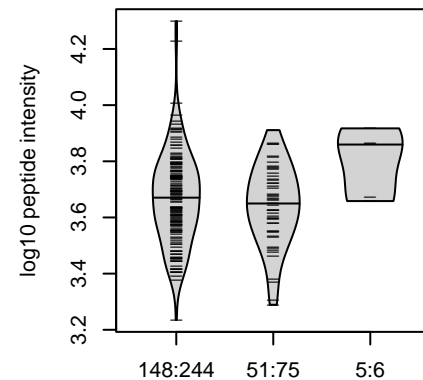
1:153520203:G:A_A
p = 0.36, beta = 0.104, N = 325

**ALDVMVSTFHK pc2
P26447**



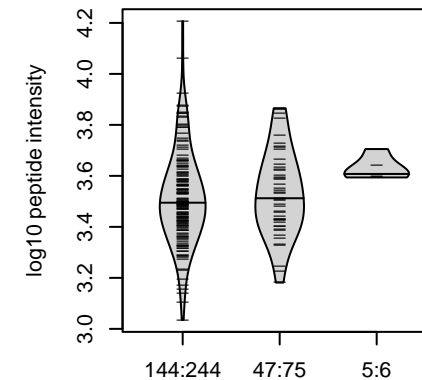
1:153520203:G:A_A
p = 0.45, beta = 0.085, N = 321

**TDEAAFQK pc2
P26447**



1:153520203:G:A_A
p = 0.94, beta = -0.0101, N = 204

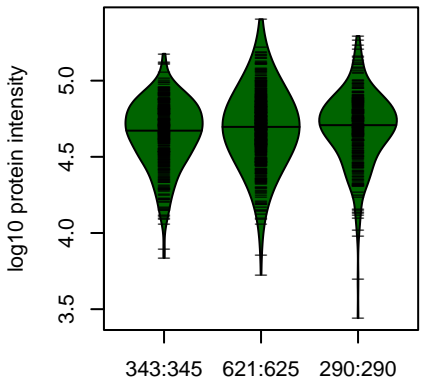
**RTDEAAFQK pc2
P26447**



1:153520203:G:A_A
p = 0.2, beta = 0.175, N = 196

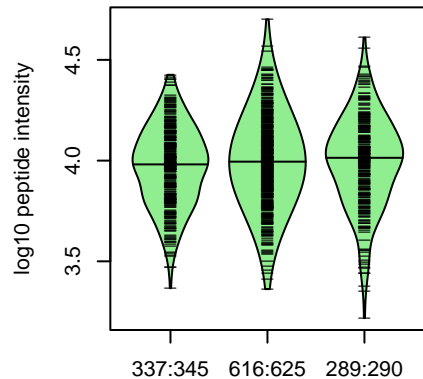
Assay Target: S100A4
Olink UniProt: P26447
UKB rsID: rs41265164
Proxy rsID: rs41265164
UKB SNP: 1:153520203:G:A
Proxy SNP: 1:153520203:G:A
UKB log10(p): 178.9
UKB BETA: 0.373
.-.*:NA
1213:1189:1174:1036:17

CTHRC1 : NP3
Q96CG8-3



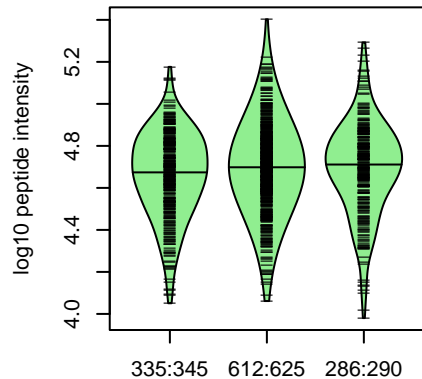
8:104364637:C:G_C
p = 0.0073, beta = 0.106, N = 1254

GDASTGWNSVSR pc2
E5RK99;Q96CG8;Q96CG8-3



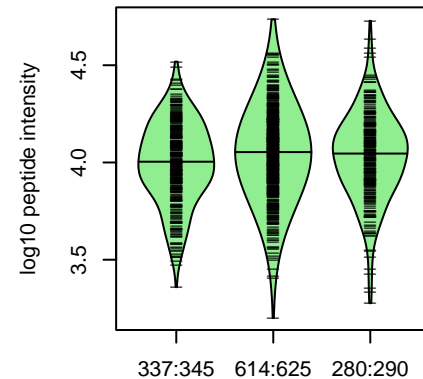
8:104364637:C:G_C
p = 0.11, beta = 0.0643, N = 1242

VLFSGSLR pc2
E5RK99;Q96CG8;Q96CG8-3



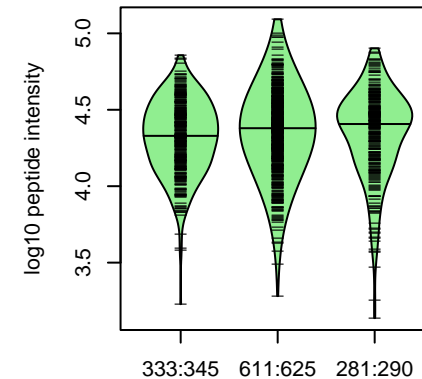
8:104364637:C:G_C
p = 0.014, beta = 0.0978, N = 1233

ESFEESWTPNYK pc2
E7EVQ5;Q96CG8;Q96CG8-3



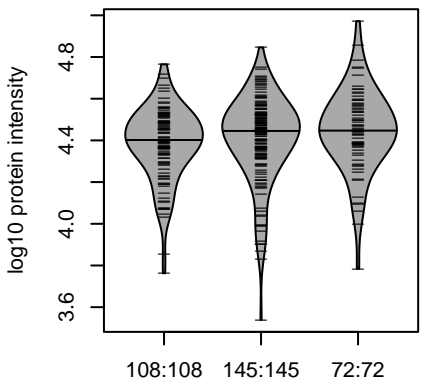
8:104364637:C:G_C
p = 0.019, beta = 0.0939, N = 1231

IIIEELPK pc2
E5RK99;Q96CG8;Q96CG8-3



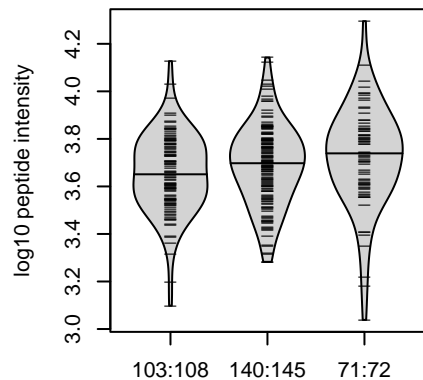
8:104364637:C:G_C
p = 0.082, beta = 0.0699, N = 1225

CTHRC1 : NP3
Q96CG8



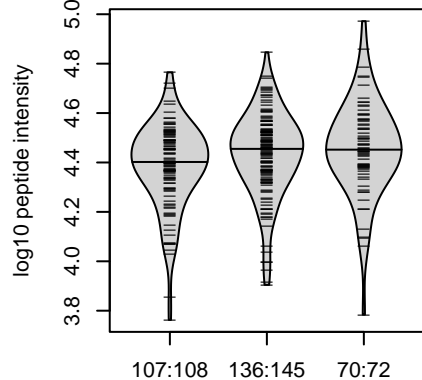
8:104364637:C:G_C
p = 0.015, beta = 0.18, N = 325

ESFEESWTPNYK pc2
E7EVQ5;Q96CG8;Q96CG8-3



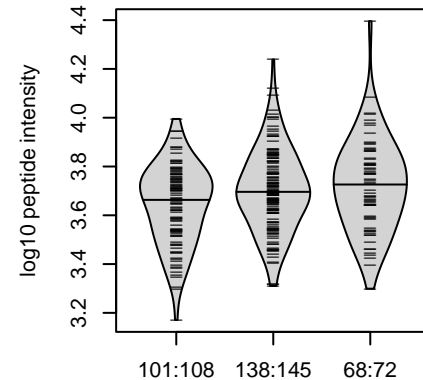
8:104364637:C:G_C
p = 0.009, beta = 0.196, N = 314

VLFSGSLR pc2
E5RK99;Q96CG8;Q96CG8-3



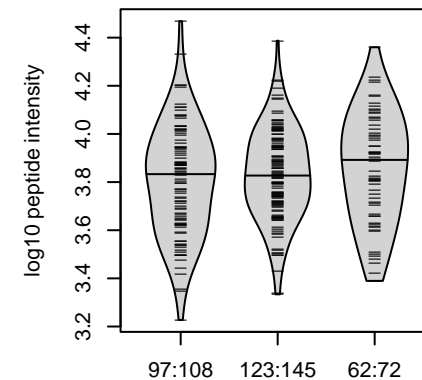
8:104364637:C:G_C
p = 0.0037, beta = 0.217, N = 313

GDASTGWNSVSR pc2
E5RK99;Q96CG8;Q96CG8-3



8:104364637:C:G_C
p = 9e-04, beta = 0.253, N = 307

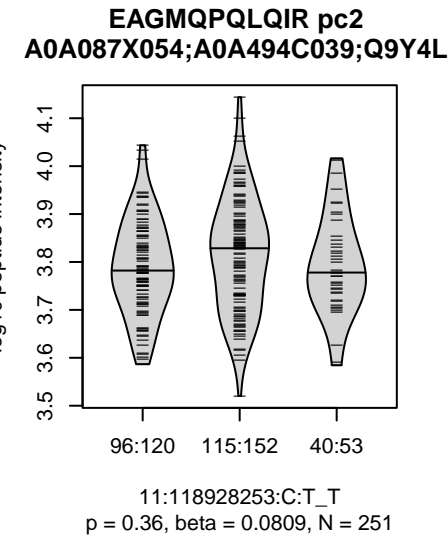
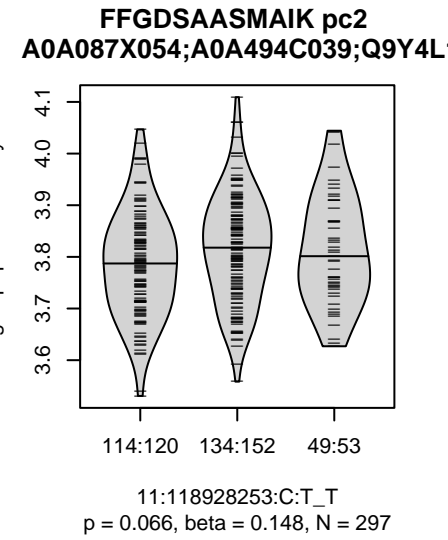
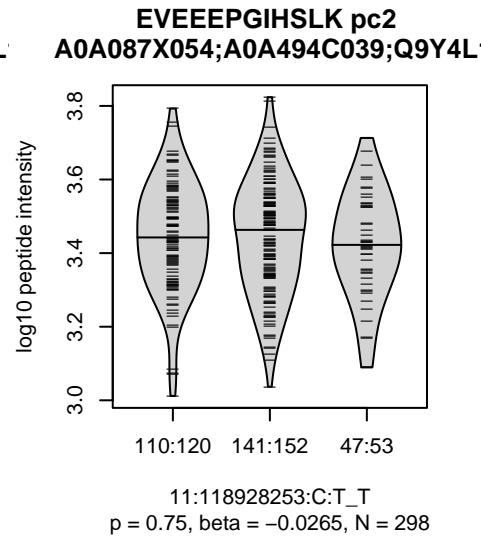
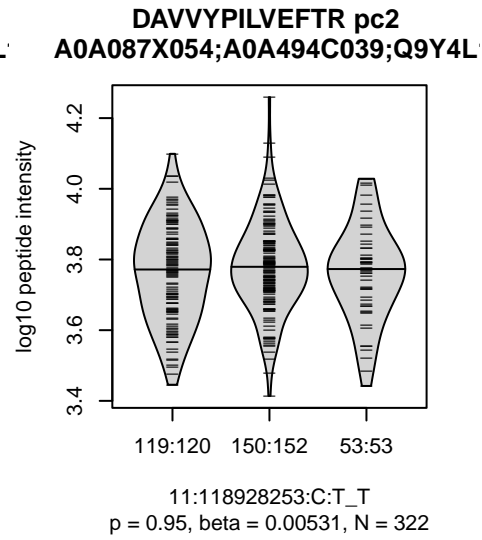
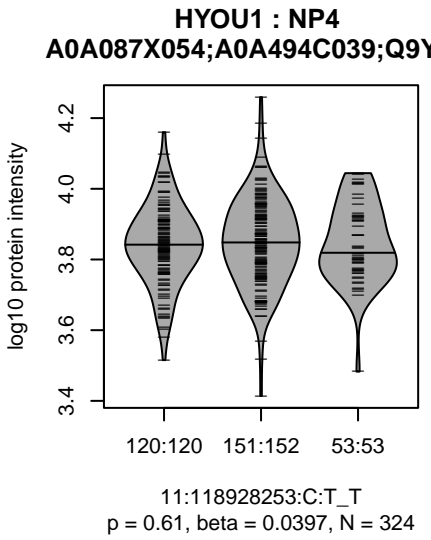
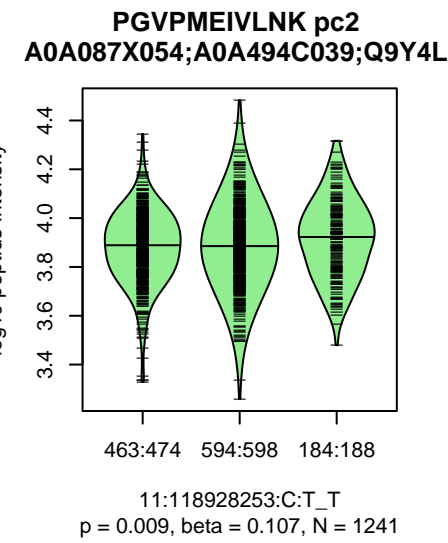
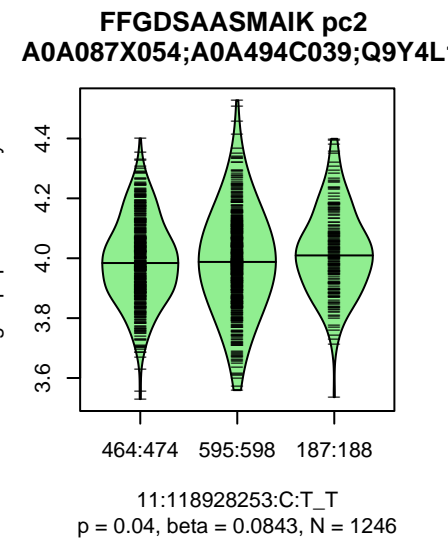
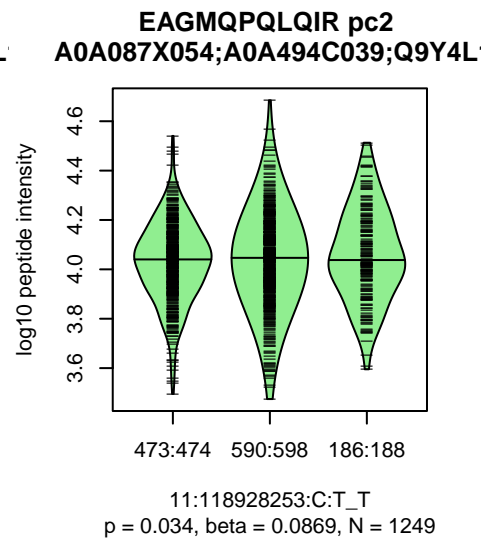
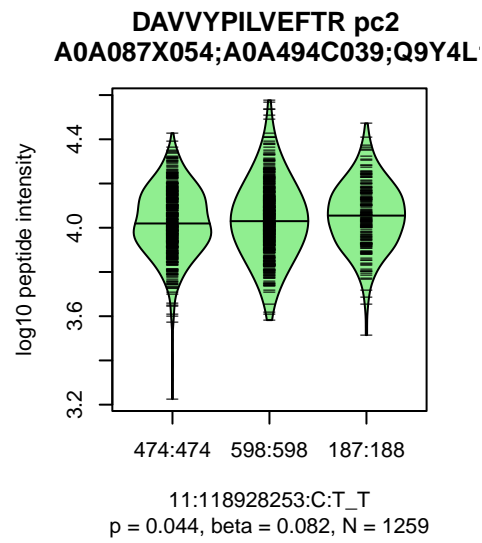
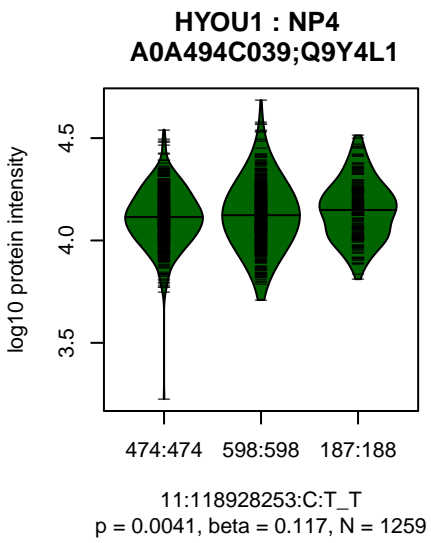
IIIEELPK pc2
E5RK99;Q96CG8;Q96CG8-3



8:104364637:C:G_C
p = 0.14, beta = 0.117, N = 282

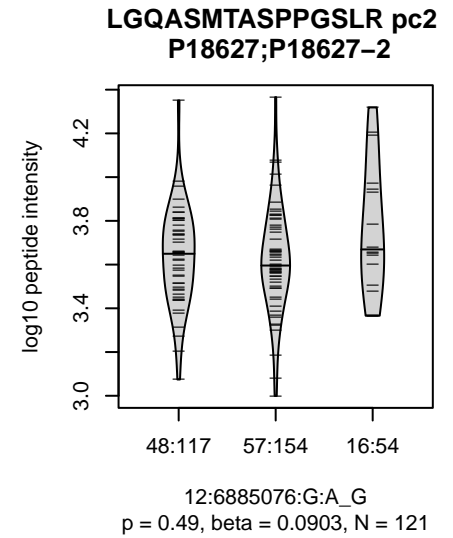
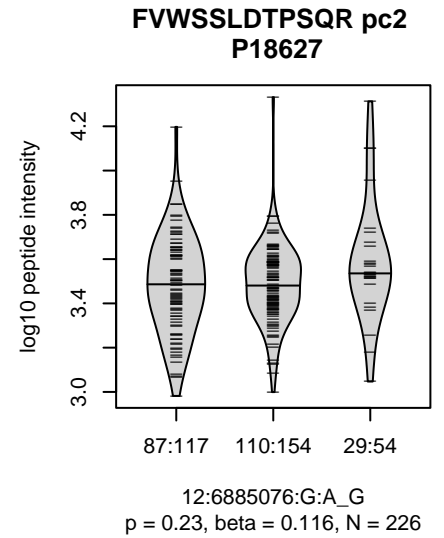
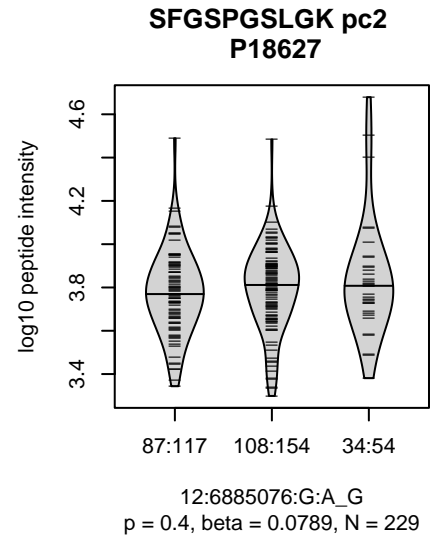
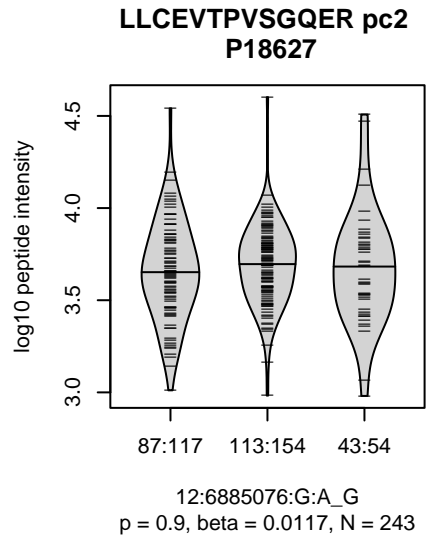
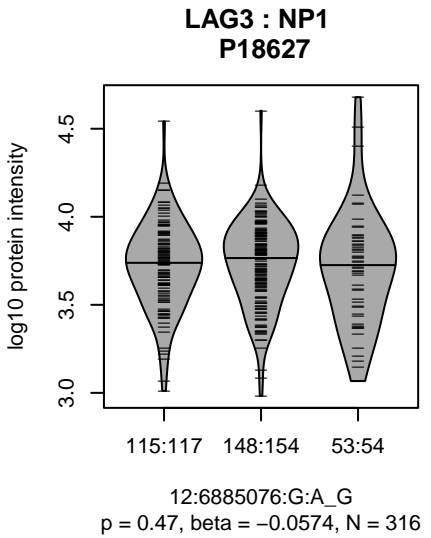
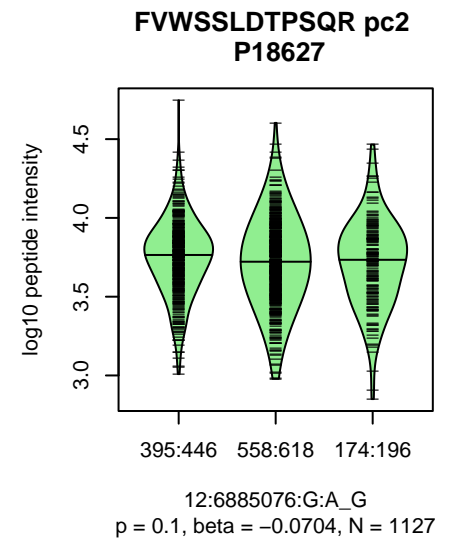
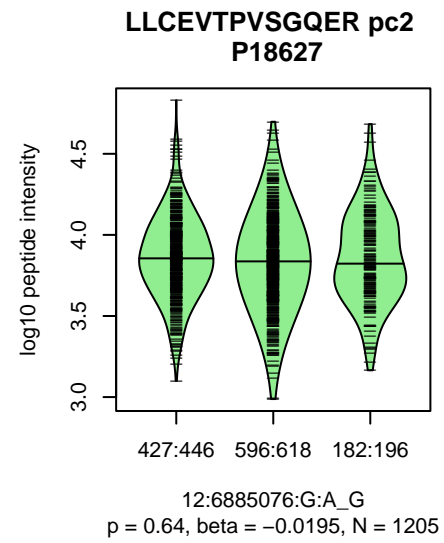
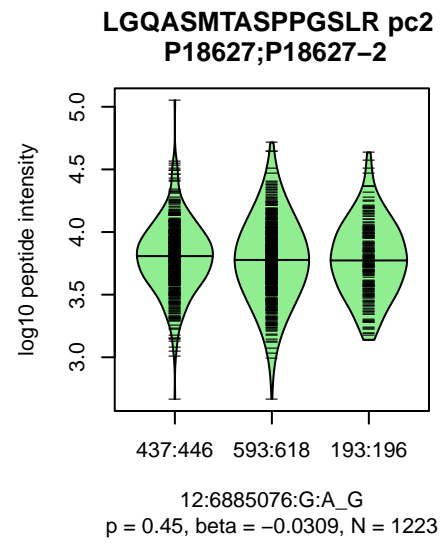
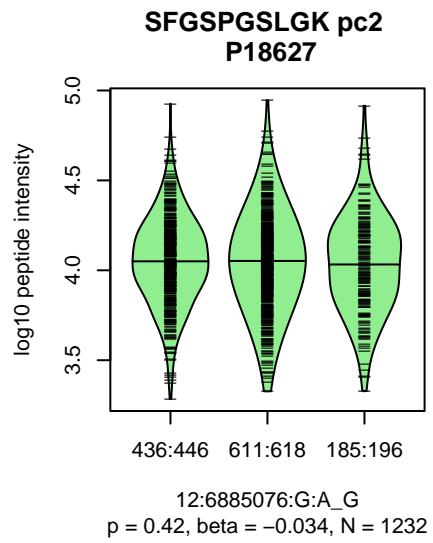
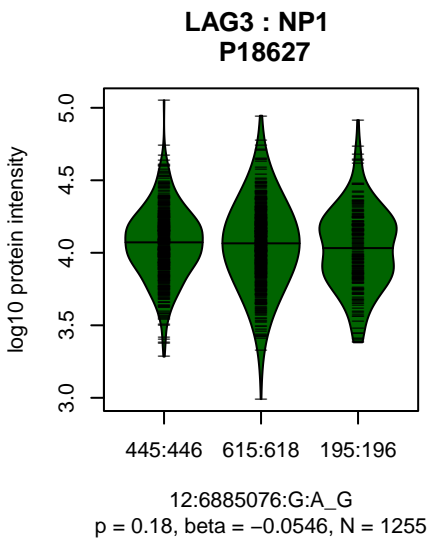
Assay Target: CTHRC1
Olink UniProt: Q96CG8
UKB rsID: rs827592
Proxy rsID: rs827592
UKB SNP: 8:104364637:C:G
Proxy SNP: 8:104364637:C:G
UKB log10(p): 177.8
UKB BETA: -0.157

1242:1233:1231:1225:1143:966

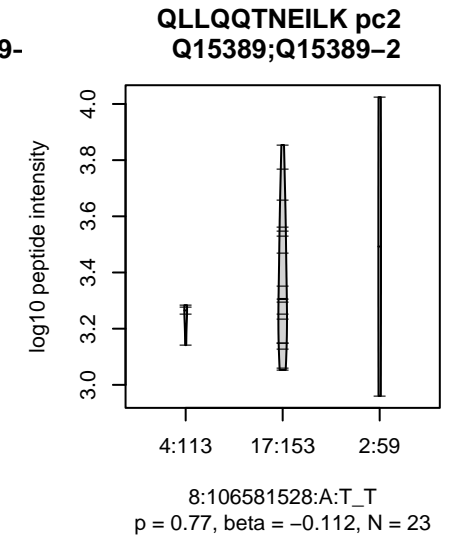
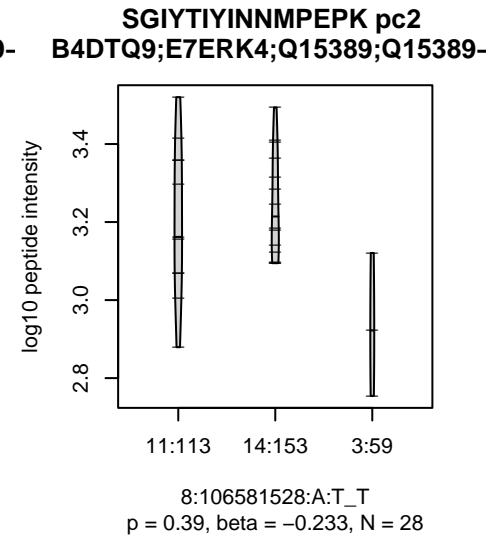
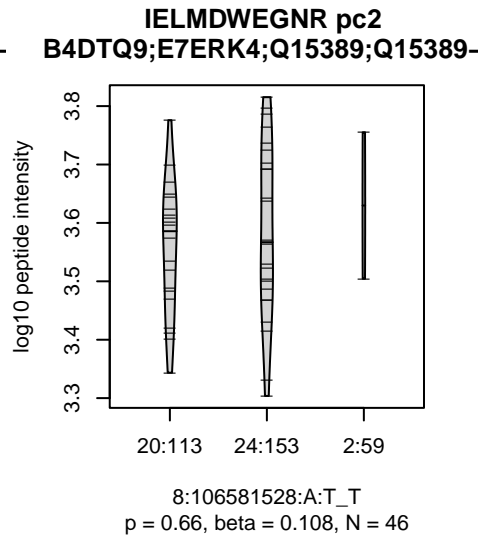
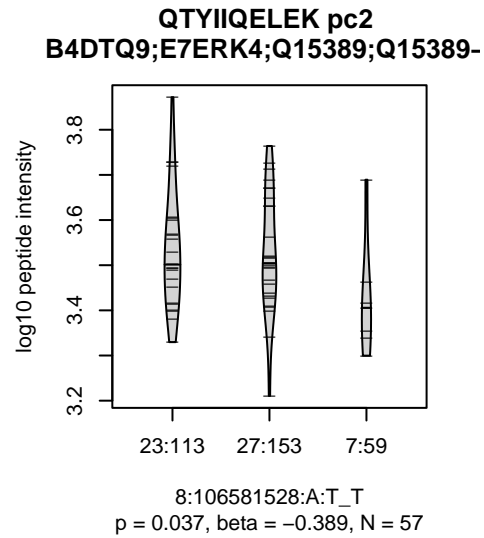
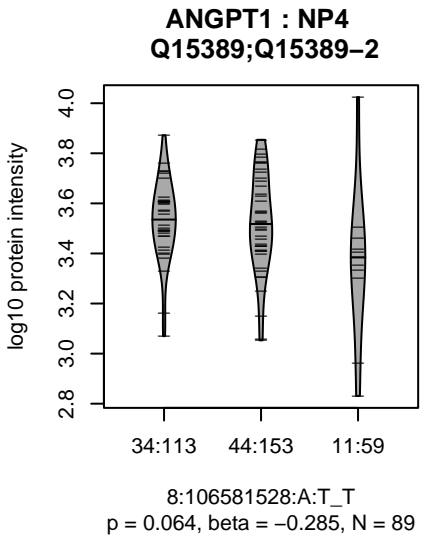
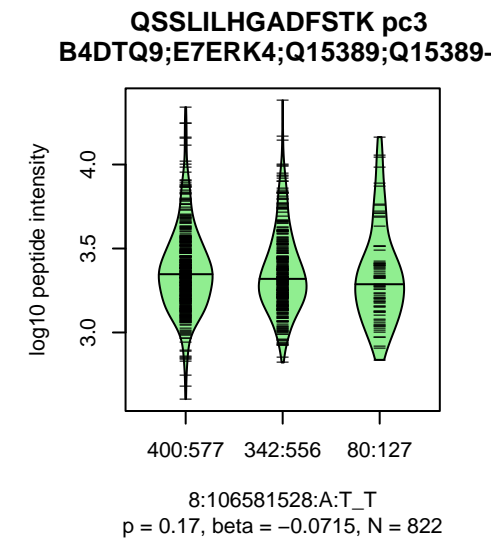
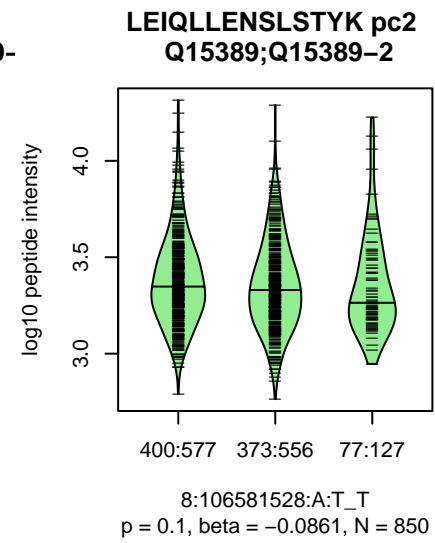
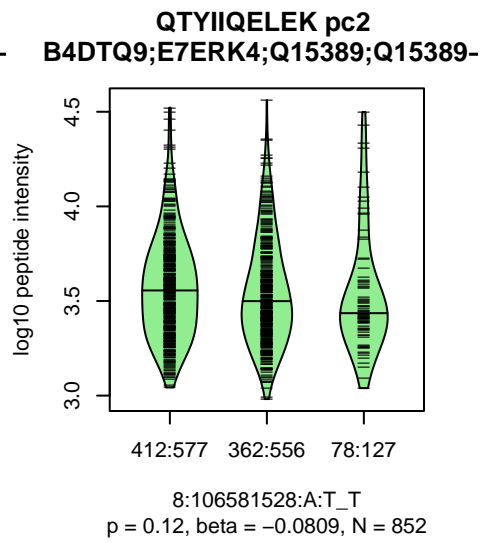
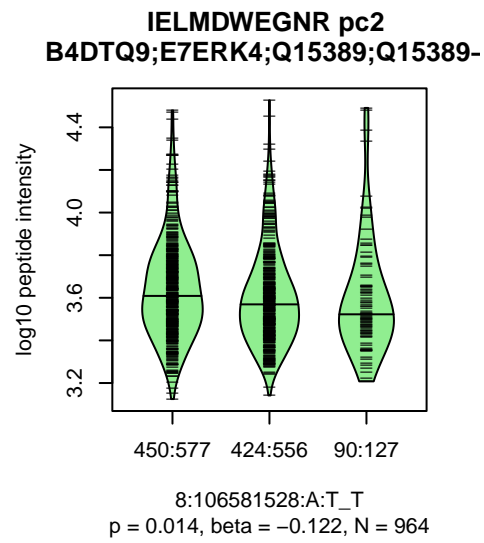
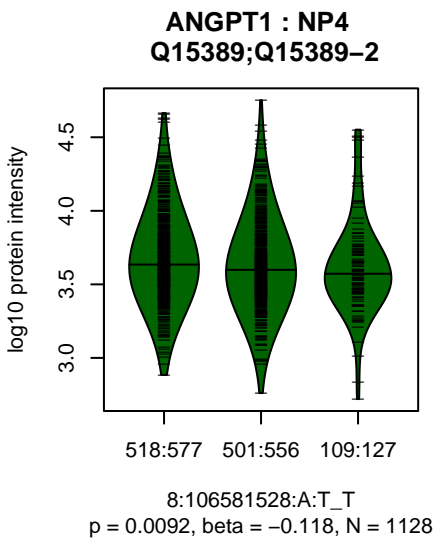


Assay Target: HYOU1
 Olink UniProt: Q9Y4L1
 UKB rsID: rs2509121
 Proxy rsID: rs2509121
 UKB SNP: 11:118928253:C:T
 Proxy SNP: 11:118928253:C:T
 UKB log10(p): 175.7
 UKB BETA: 0.173

 1259:1249:1246:1241:1200:119



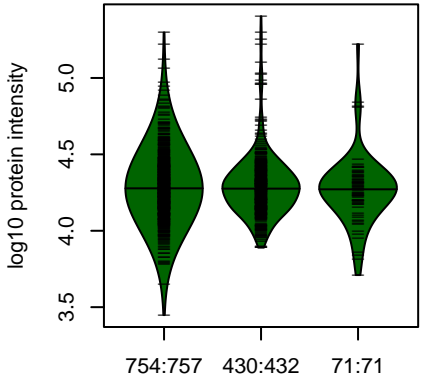
Assay Target: LAG3
 Olink UniProt: P18627
 UKB rsID: rs3782735
 Proxy rsID: rs3782735
 UKB SNP: 12:6885076:G:A
 Proxy SNP: 12:6885076:G:A
 UKB log10(p): 173.6
 UKB BETA: 0.174
 - - - - -
 1232:1223:1205:1127:651:92:59



Assay Target: ANGPT1
 Olink UniProt: Q15389
 UKB rsID: rs6993770
 Proxy rsID: rs6993770
 UKB SNP: 8:106581528:A:T
 Proxy SNP: 8:106581528:A:T
 UKB log10(p): 172.5
 UKB BETA: -0.187

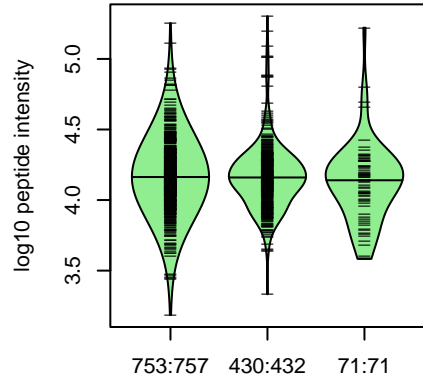
 964:852:850:822:732:624:507:4

**ESM1 : NP2
Q9NQ30**



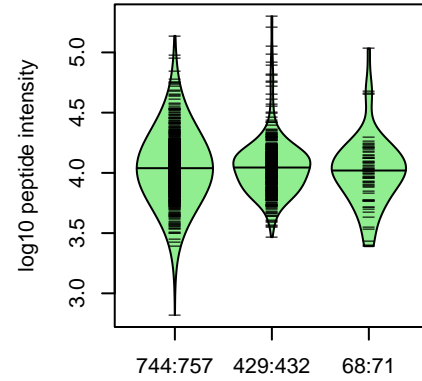
5:54198775:T:C_T
p = 0.37, beta = -0.0418, N = 1255

**FPPFQYSVTK pc2
Q9NQ30**



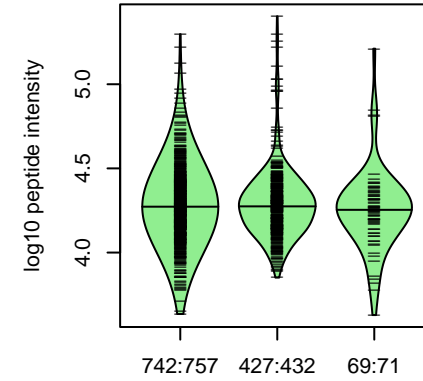
5:54198775:T:C_T
p = 0.04, beta = -0.096, N = 1254

**TVLDDCGCCR pc2
Q9NQ30;Q9NQ30-2**



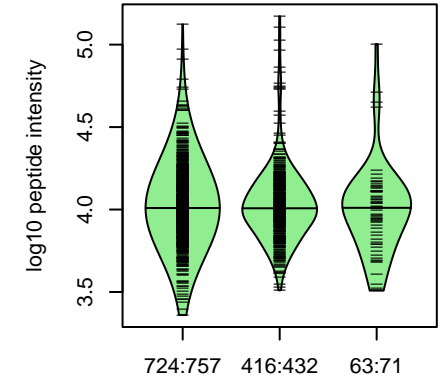
5:54198775:T:C_T
p = 0.13, beta = -0.0721, N = 1241

**ENAAGSPVMR pc2
Q9NQ30;Q9NQ30-2**



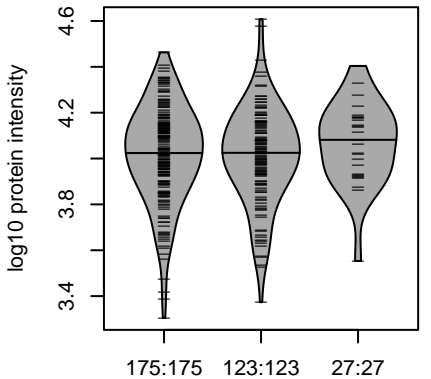
5:54198775:T:C_T
p = 0.34, beta = -0.0455, N = 1238

**DCPYGTFGMDCR pc2
Q9NQ30**



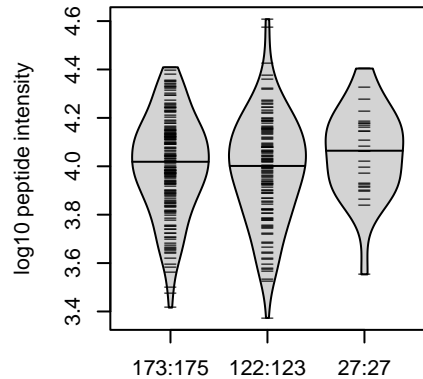
5:54198775:T:C_T
p = 0.21, beta = -0.061, N = 1203

**ESM1 : NP2
Q9NQ30**



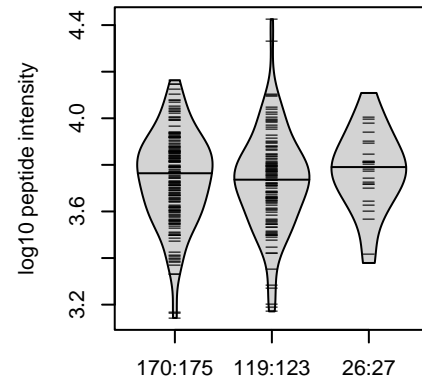
5:54198775:T:C_T
p = 0.66, beta = 0.0373, N = 325

**FPPFQYSVTK pc2
Q9NQ30**



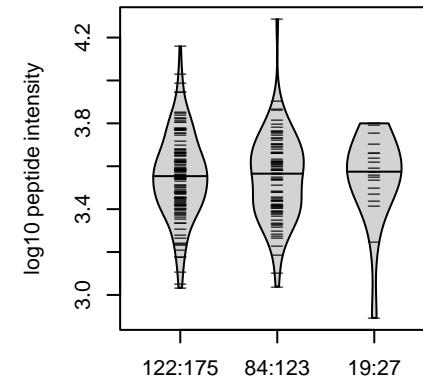
5:54198775:T:C_T
p = 0.72, beta = 0.031, N = 322

**TVLDDCGCCR pc2
Q9NQ30;Q9NQ30-2**



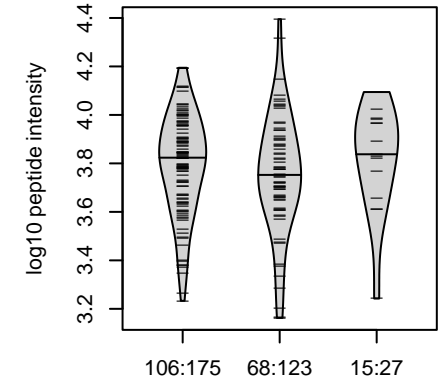
5:54198775:T:C_T
p = 0.9, beta = -0.0111, N = 315

**ETCNCQSGICDR pc2
Q9NQ30**



5:54198775:T:C_T
p = 0.74, beta = -0.0338, N = 225

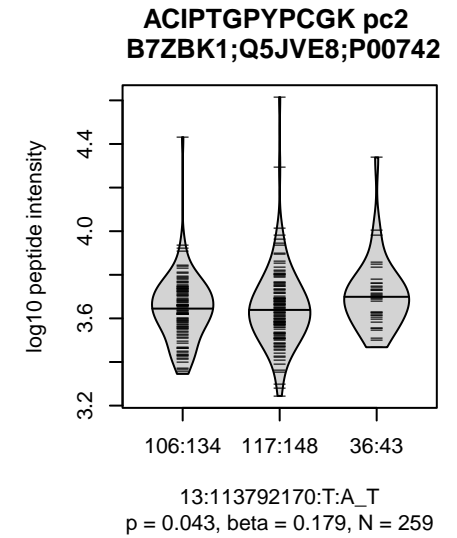
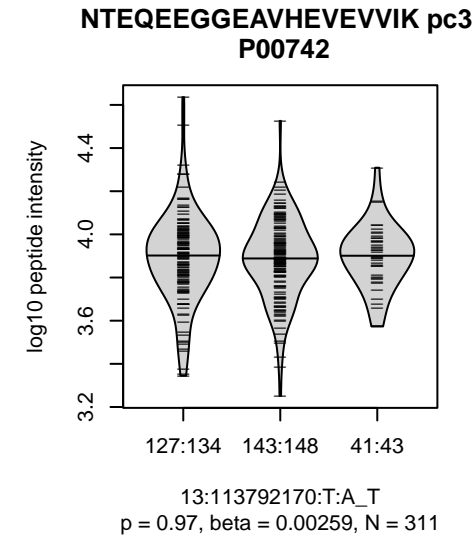
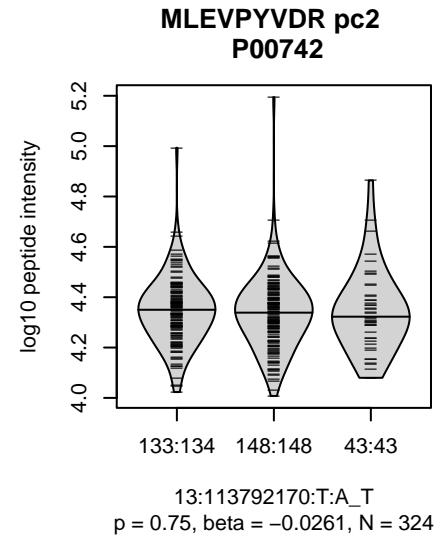
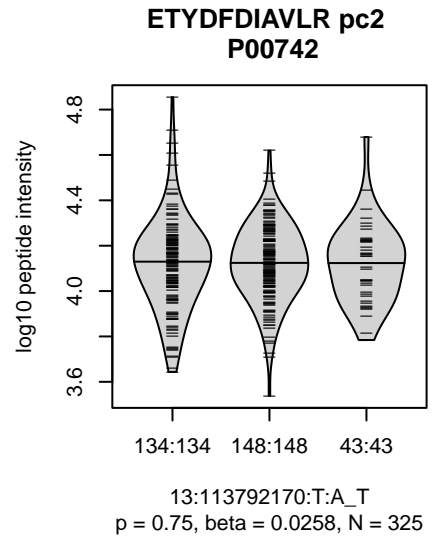
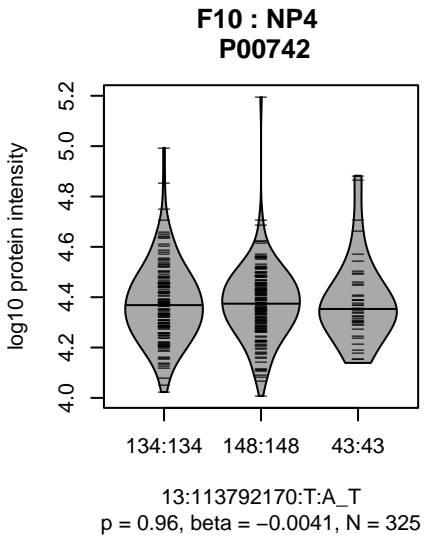
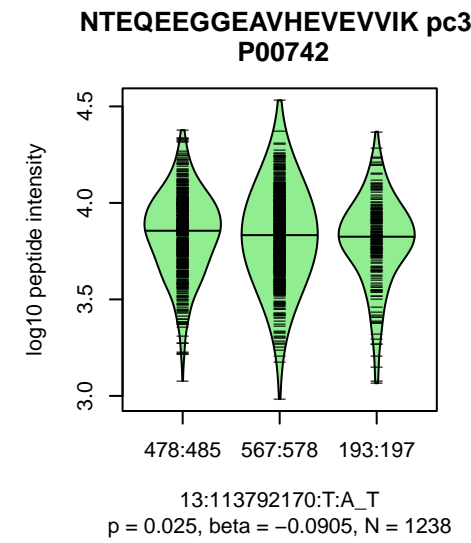
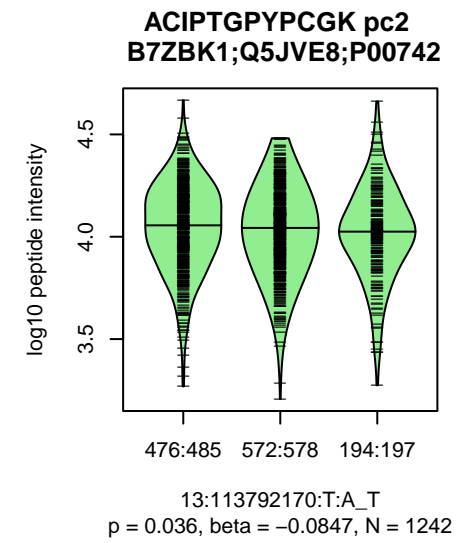
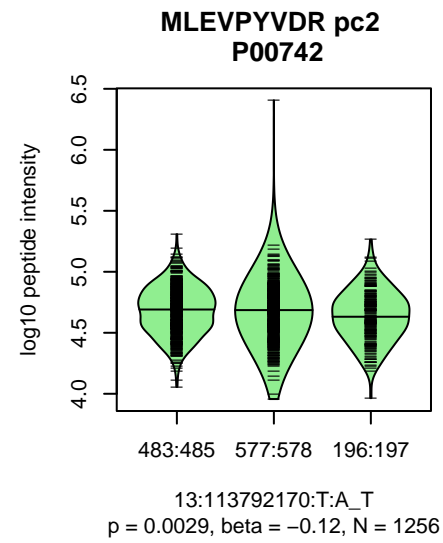
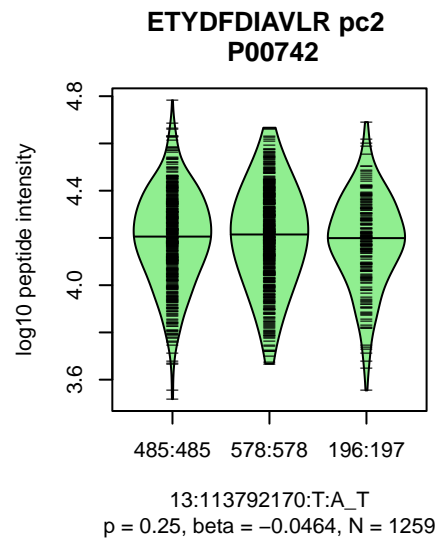
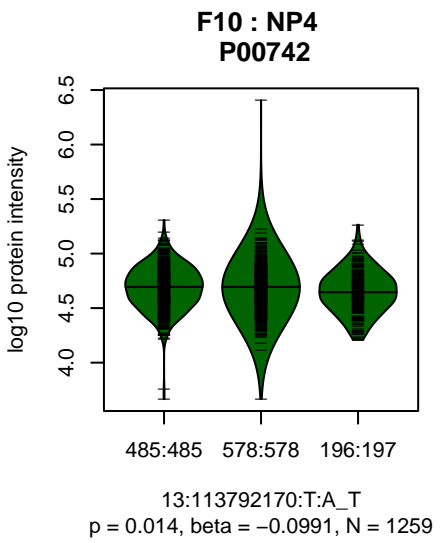
**DCPYGTFGMDCR pc2
Q9NQ30**



5:54198775:T:C_T
p = 0.65, beta = -0.0511, N = 189

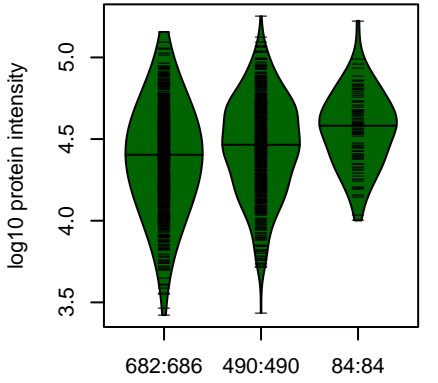
Assay Target: ESM1
Olink UniProt: Q9NQ30
UKB rsID: rs4242051
Proxy rsID: rs4242051
UKB SNP: 5:54198775:T:C
Proxy SNP: 5:54198775:T:C
UKB log10(p): 166.8
UKB BETA: 0.191

1254:1241:1238:1203:1146:998



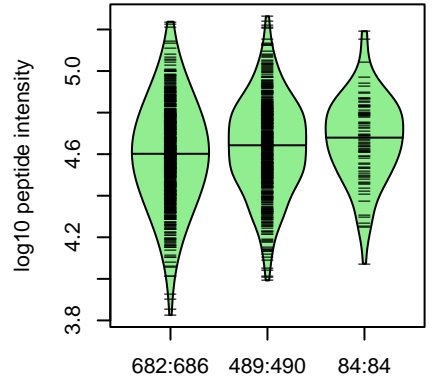
Assay Target: F10
 Olink UniProt: P00742
 UKB rsID: rs547138
 Proxy rsID: rs547138
 UKB SNP: 13:113792170:T:A
 Proxy SNP: 13:113792170:T:A
 UKB log10(p): 159.6
 UKB BETA: 0.17
 -*:-----:NA
 1259:1256:1242:1238:1216:106

**EHD3 : NP1
Q9NZN3**



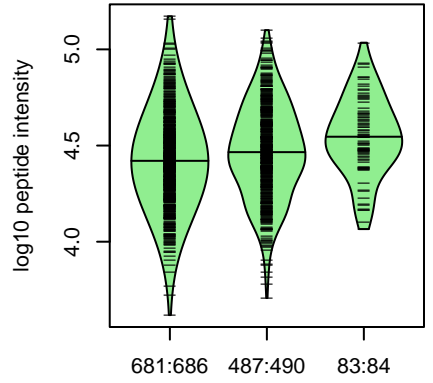
2:31477838:G:A_G
p = 7.2e-08, beta = 0.243, N = 1256

**LLPLEEHYR pc2
A0A024R571;Q9NZN3;Q9H4M9;Q9N**



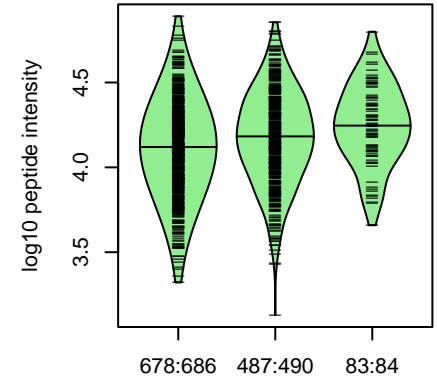
2:31477838:G:A_G
p = 0.0072, beta = 0.122, N = 1255

**VYGALMWSLGK pc2
A0A024R571;Q9NZN3;Q9H223;Q9H4**



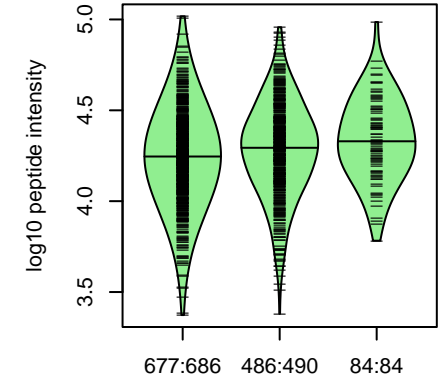
2:31477838:G:A_G
p = 1.7e-05, beta = 0.195, N = 1251

**YLLEQDFPGMR pc2
Q9NZN3;Q9H223**



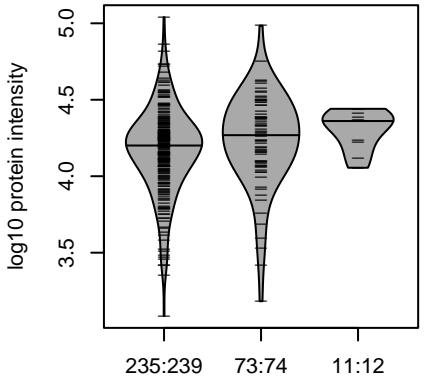
2:31477838:G:A_G
p = 3.3e-06, beta = 0.211, N = 1248

**VHAYISSLK pc2
A0A024R571;Q9NZN3;Q9H4M9**



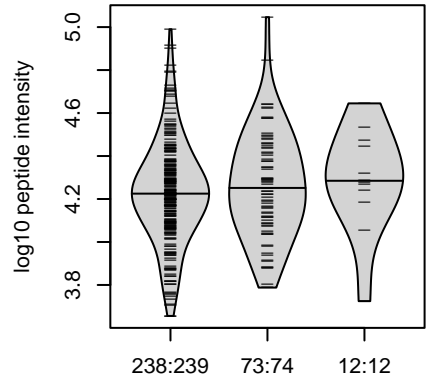
2:31477838:G:A_G
p = 0.001, beta = 0.149, N = 1247

**EHD3 : NP1
Q9NZN3**



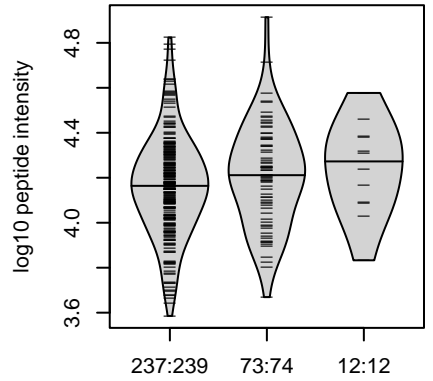
2:31477838:G:A_G
p = 0.0031, beta = 0.308, N = 319

**VHAYISSLK pc2
A0A024R571;Q9NZN3;Q9H4M9**



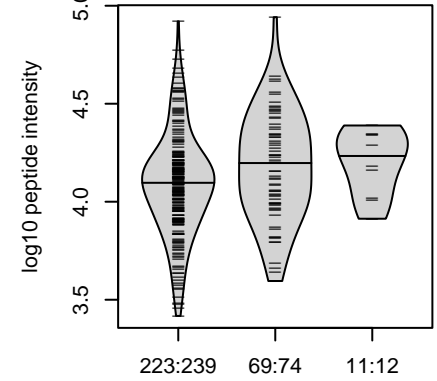
2:31477838:G:A_G
p = 0.08, beta = 0.18, N = 323

**VYGALMWSLGK pc2
A0A024R571;Q9NZN3;Q9H223;Q9H4**



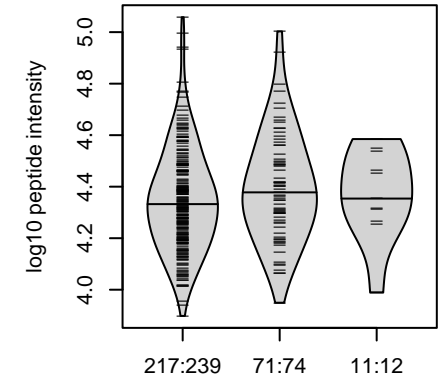
2:31477838:G:A_G
p = 0.02, beta = 0.239, N = 322

**LFEAEEQDLFR pc2
Q9NZN3**



2:31477838:G:A_G
p = 0.0018, beta = 0.331, N = 303

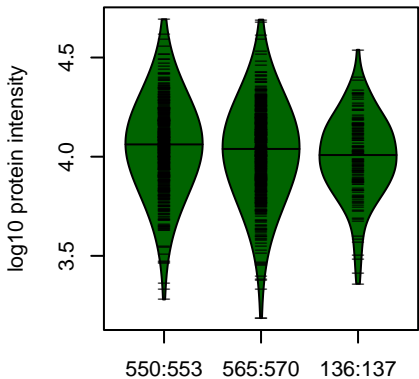
**LLPLEEHYR pc2
A0A024R571;Q9NZN3;Q9H4M9;Q9N**



2:31477838:G:A_G
p = 0.028, beta = 0.233, N = 299

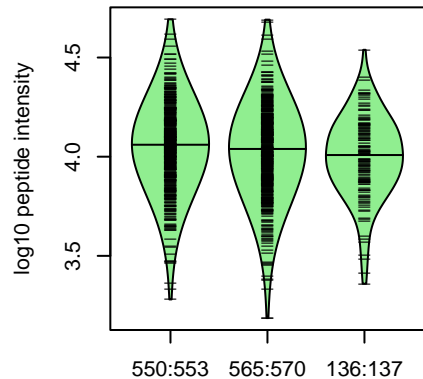
Assay Target: EHD3
Olink UniProt: Q9NZN3
UKB rsID: rs655029
Proxy rsID: rs655029
UKB SNP: 2:31477838:G:A
Proxy SNP: 2:31477838:G:A
UKB log10(p): 159.6
UKB BETA: -0.19
*****_*****
1255:1251:1248:1247:1239:123

AXL : NP2
P30530



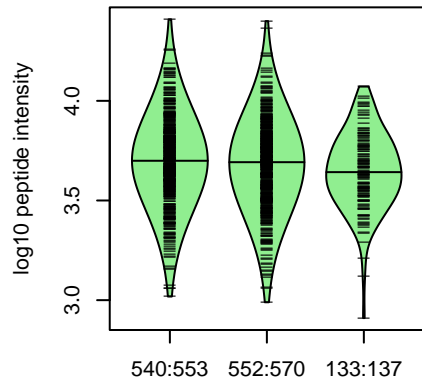
19:41739534:G:C_C
p = 0.006, beta = -0.117, N = 1251

TATITVLPQQPR pc2
P30530;P30530-2



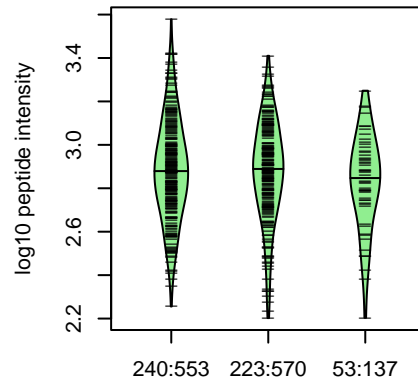
19:41739534:G:C_C
p = 0.008, beta = -0.113, N = 1251

APLQGTLLGYR pc2
M0R0W6;P30530;P30530-2



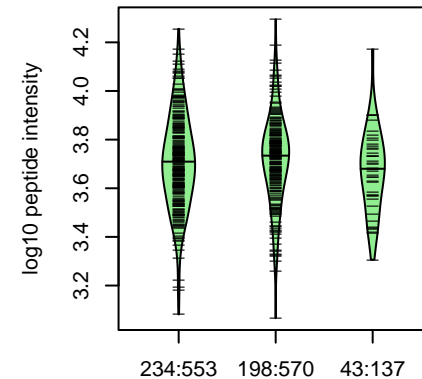
19:41739534:G:C_C
p = 0.029, beta = -0.0935, N = 1225

TSSFSCEAHNAK pc2
P30530;P30530-2



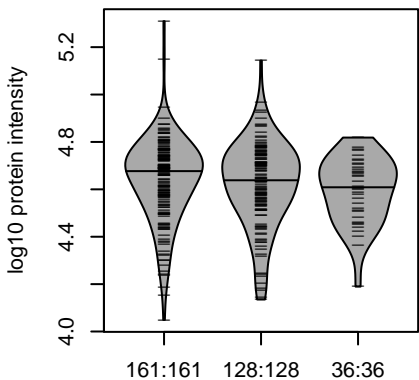
19:41739534:G:C_C
p = 0.24, beta = -0.0774, N = 516

NLHLVSR pc2
P30530;P30530-2



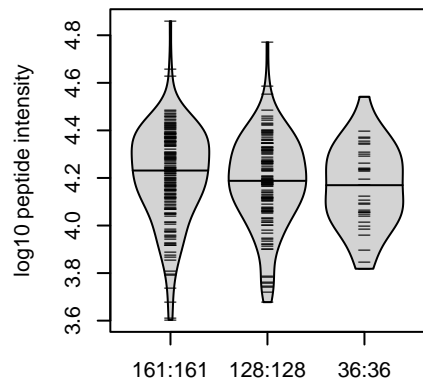
19:41739534:G:C_C
p = 0.62, beta = -0.0346, N = 475

AXL : NP2
P30530;P30530-2



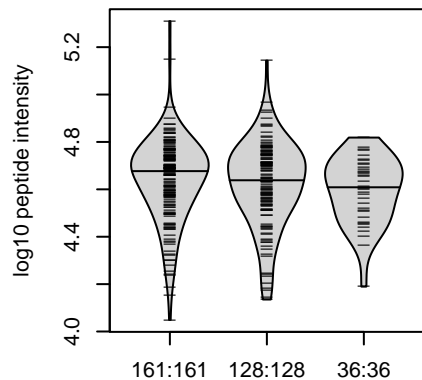
19:41739534:G:C_C
p = 0.046, beta = -0.161, N = 325

APLQGTLLGYR pc2
M0R0W6;P30530;P30530-2



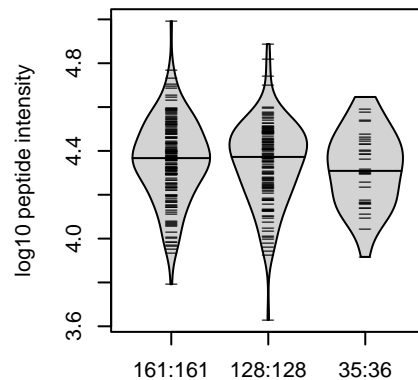
19:41739534:G:C_C
p = 0.026, beta = -0.18, N = 325

TATITVLPQQPR pc2
P30530;P30530-2



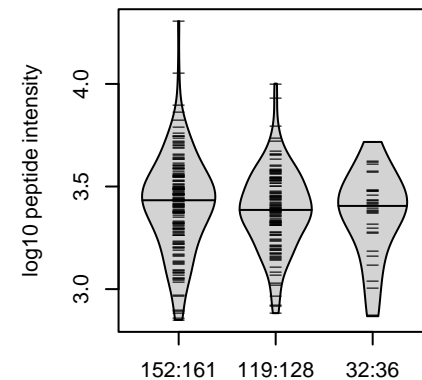
19:41739534:G:C_C
p = 0.046, beta = -0.161, N = 325

NLHLVSR pc2
P30530;P30530-2



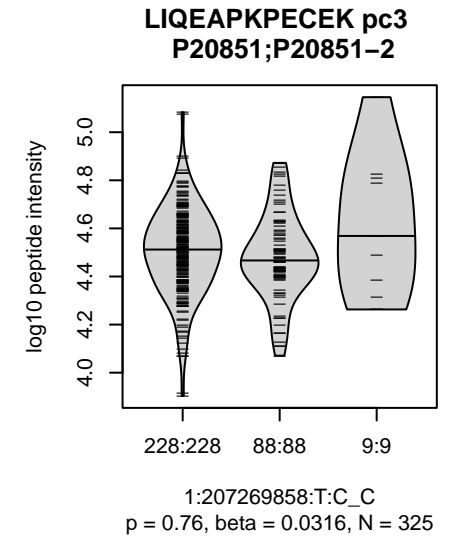
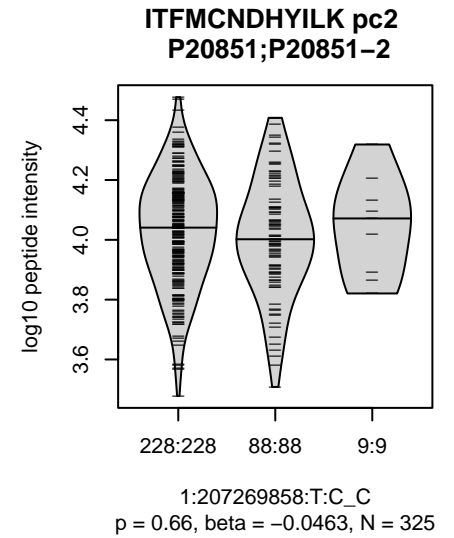
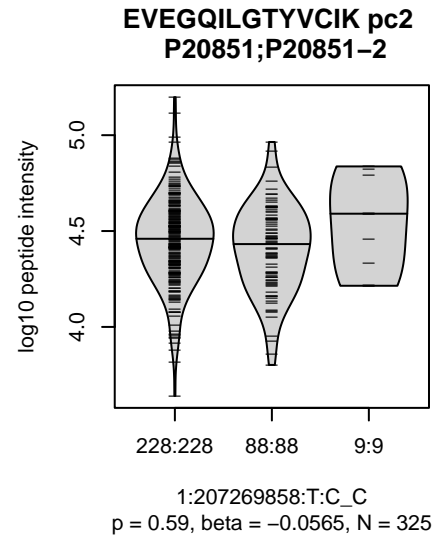
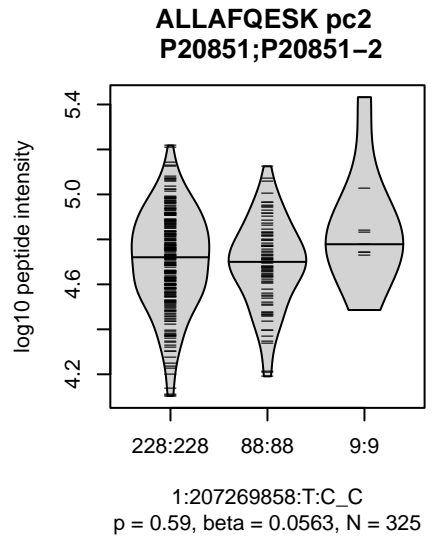
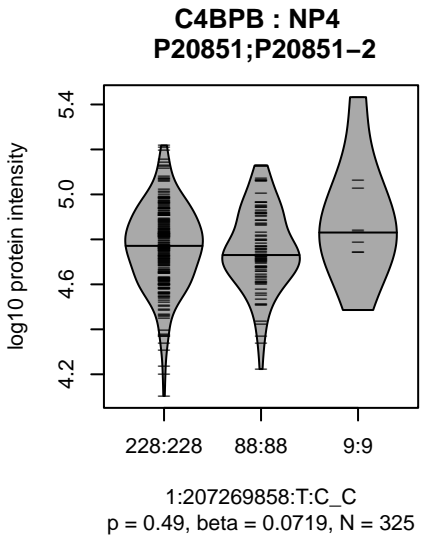
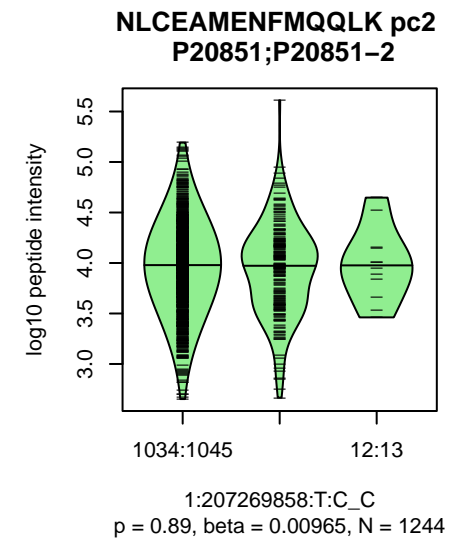
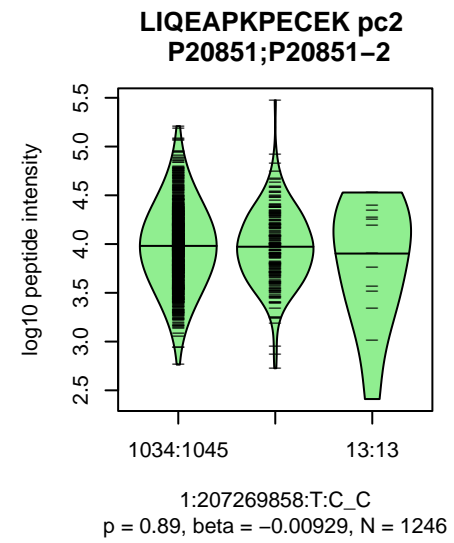
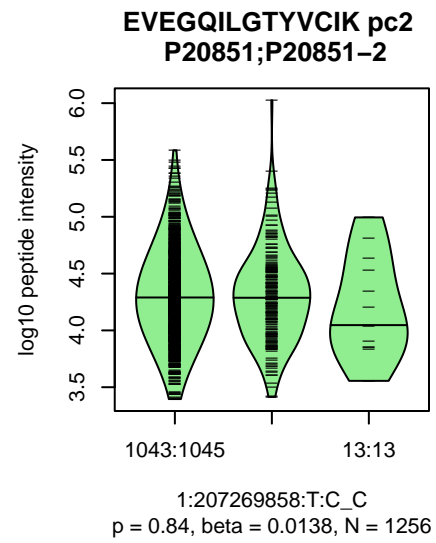
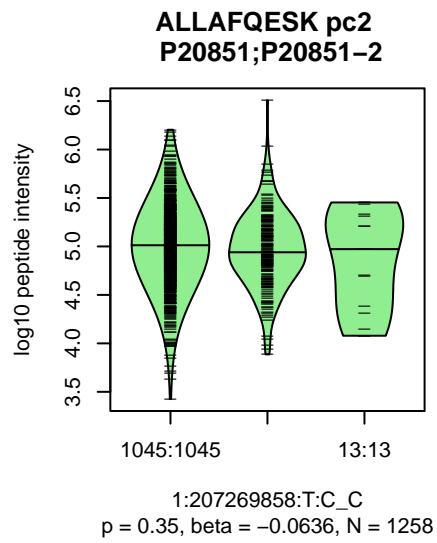
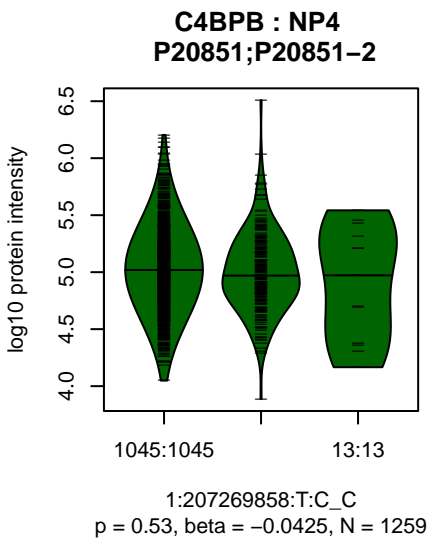
19:41739534:G:C_C
p = 0.12, beta = -0.128, N = 324

TSSFSCEAHNAK pc2
P30530;P30530-2



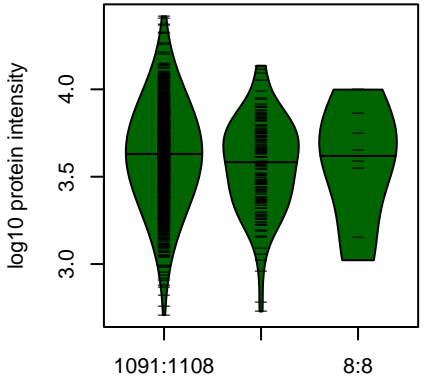
19:41739534:G:C_C
p = 0.05, beta = -0.165, N = 303

Assay Target: AXL
Olink UniProt: P30530
UKB rsID: rs74816457
Proxy rsID: rs74816457
UKB SNP: 19:41739534:G:C
Proxy SNP: 19:41739534:G:C
UKB log10(p): 159.4
UKB BETA: -0.166
*:---:---:---:---:---
1251:1225:516:475:374:210:11



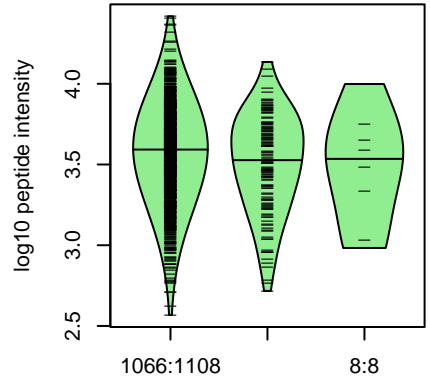
Assay Target: C4BPB
 Olink UniProt: P20851
 UKB rsID: rs3813948
 Proxy rsID: rs3813948
 UKB SNP: 1:207269858:T:C
 Proxy SNP: 1:207269858:T:C
 UKB log10(p): 158
 UKB BETA: -0.295
 -----NA
 1258:1256:1246:1245:1244:123

**FIS1 : NP4
Q9Y3D6**



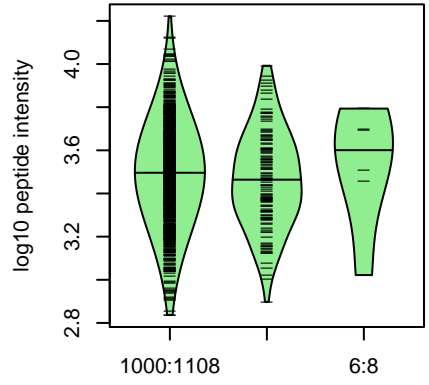
7:100865866:C:T_T
p = 0.01, beta = -0.207, N = 1239

**GIVLLELLPK pc2
Q9Y3D6**



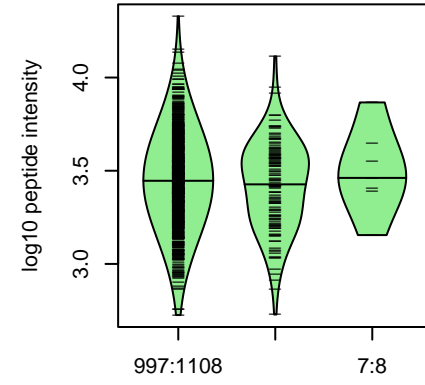
7:100865866:C:T_T
p = 0.008, beta = -0.217, N = 1208

**STQFEYAWCLVR pc2
Q9Y3D6**



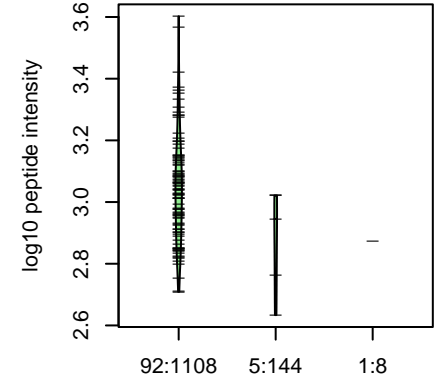
7:100865866:C:T_T
p = 0.27, beta = -0.0939, N = 1135

**GLLQTEPQNNQAK pc2
Q9Y3D6**



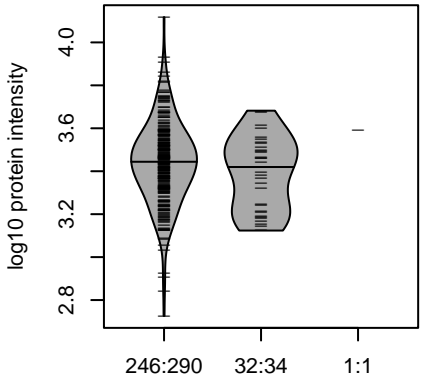
7:100865866:C:T_T
p = 0.31, beta = -0.0866, N = 1129

**EEQRDYVFYLAVGNYR pc3
Q9Y3D6**



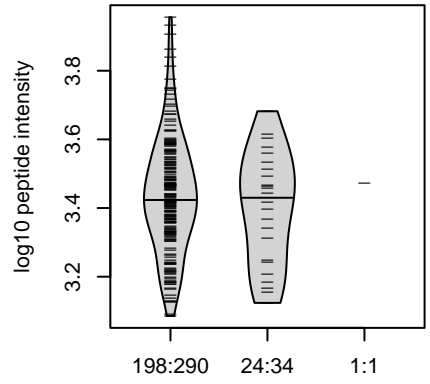
7:100865866:C:T_T
p = 0.041, beta = -0.673, N = 98

**FIS1 : NP4
Q9Y3D6**



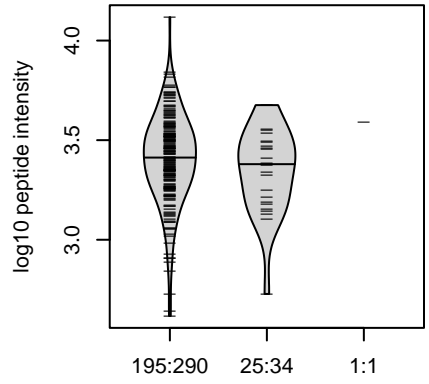
7:100865866:C:T_T
p = 0.25, beta = -0.202, N = 279

**GLLQTEPQNNQAK pc2
Q9Y3D6**



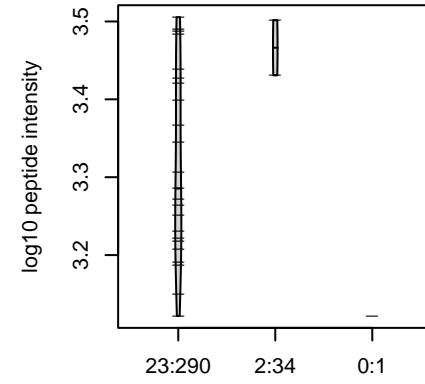
7:100865866:C:T_T
p = 0.33, beta = -0.193, N = 223

**GIVLLELLPK pc2
Q9Y3D6**



7:100865866:C:T_T
p = 0.55, beta = -0.116, N = 221

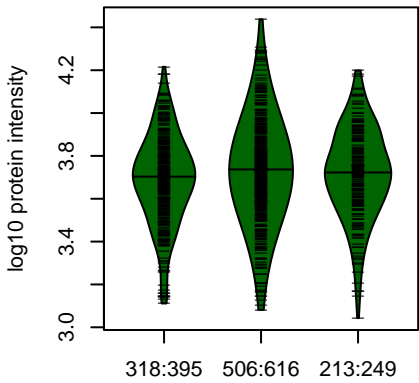
**STQFEYAWCLVR pc2
Q9Y3D6**



7:100865866:C:T_T
p = 0.7, beta = 0.268, N = 25

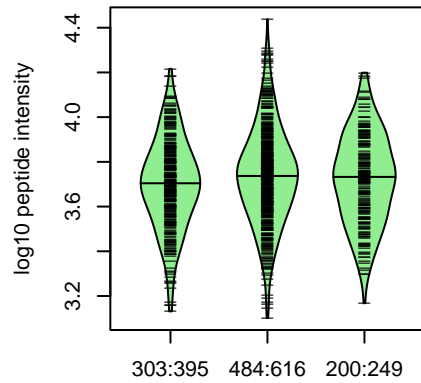
Assay Target: FIS1
Olink UniProt: Q9Y3D6
UKB rsID: rs74662330
Proxy rsID: rs74662330
UKB SNP: 7:100865866:C:T
Proxy SNP: 7:100865866:C:T
UKB log10(p): 155.2
UKB BETA: -0.353
*:-:-:-
1208:1135:1129:98

**NPY : NP2
P01303**



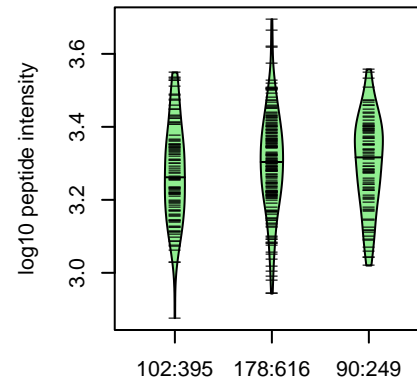
7:24309098:A:T_A
 $p = 0.1$, $\beta = 0.0708$, $N = 1037$

**SSPETLISDLLMR pc2
P01303**



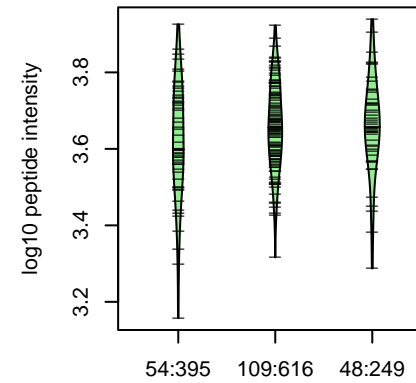
7:24309098:A:T_A
 $p = 0.11$, $\beta = 0.0718$, $N = 987$

**ESTENVPR pc2
P01303**



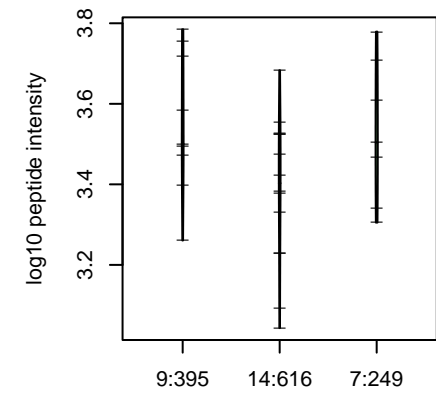
7:24309098:A:T_A
 $p = 0.26$, $\beta = 0.0806$, $N = 370$

**TRLEDPAMW pc2
P01303**



7:24309098:A:T_A
 $p = 0.068$, $\beta = 0.177$, $N = 211$

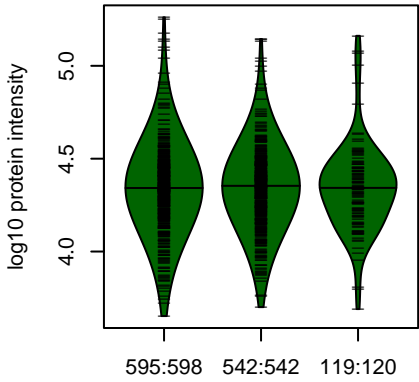
**HYINLITR pc2
P01303**



7:24309098:A:T_A
 $p = 0.85$, $\beta = -0.0439$, $N = 30$

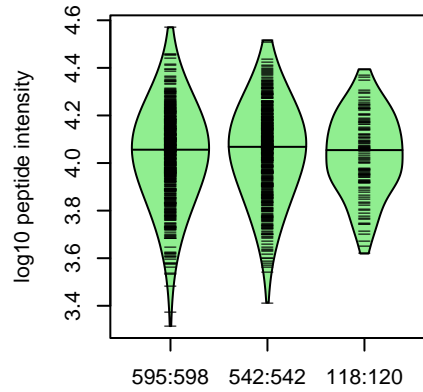
Assay Target: NPY
Olink UniProt: P01303
UKB rsID: rs4722337
Proxy rsID: rs4722337
UKB SNP: 7:24309098:A:T
Proxy SNP: 7:24309098:A:T
UKB log10(p): 152.7
UKB BETA: -0.157
-:-:-:-
987:370:211:30

ST6GAL1 : NP1
P15907



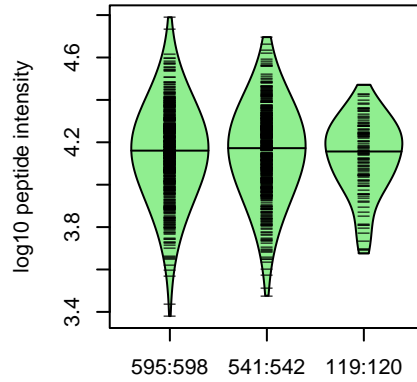
3:186739677:G:A_A
p = 0.8, beta = 0.0107, N = 1256

FFDSACTMGAYHPLLYEK pc3
P15907;P15907-2



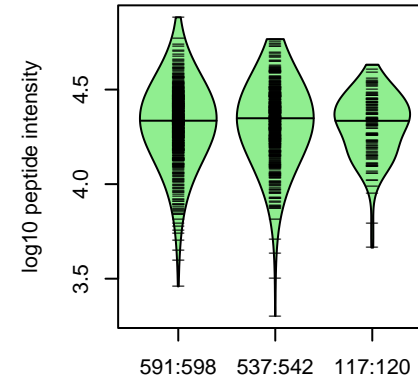
3:186739677:G:A_A
p = 0.28, beta = 0.0466, N = 1255

LMNSQLVTTEK pc2
P15907



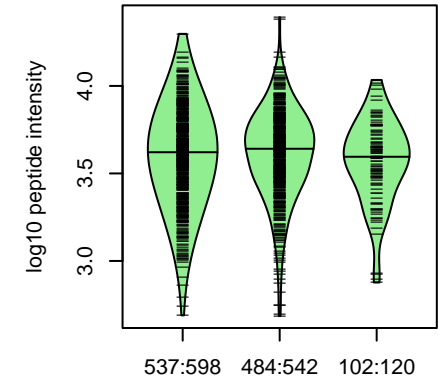
3:186739677:G:A_A
p = 0.98, beta = -0.00109, N = 1255

CAVVSSAGSLK pc2
P15907



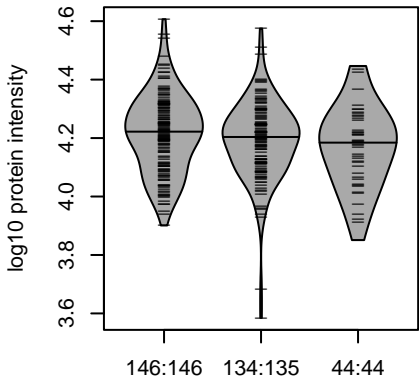
3:186739677:G:A_A
p = 0.92, beta = 0.00428, N = 1245

FNGAPTANFQQDVGTK pc2
P15907



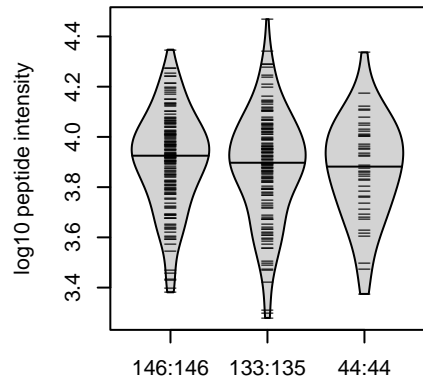
3:186739677:G:A_A
p = 0.77, beta = -0.0133, N = 1123

ST6GAL1 : NP1
P15907



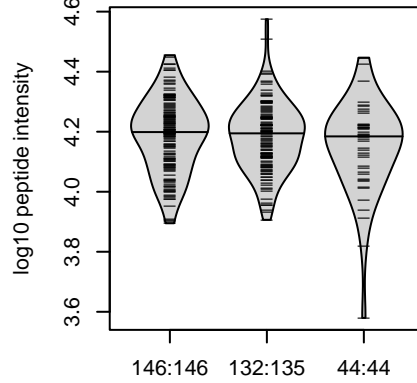
3:186739677:G:A_A
p = 0.13, beta = -0.12, N = 324

LMNSQLVTTEK pc2
P15907



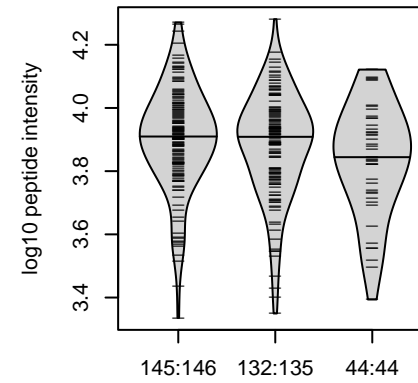
3:186739677:G:A_A
p = 0.64, beta = -0.037, N = 323

CAVVSSAGSLK pc2
P15907



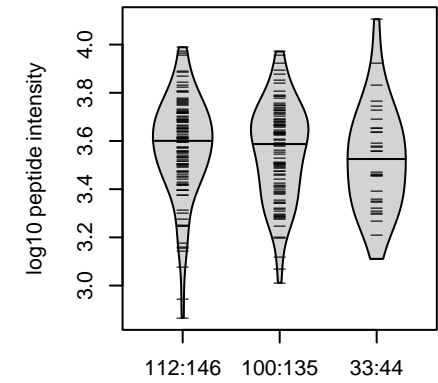
3:186739677:G:A_A
p = 0.34, beta = -0.0755, N = 322

FFDSACTMGAYHPLLYEK pc3
P15907;P15907-2



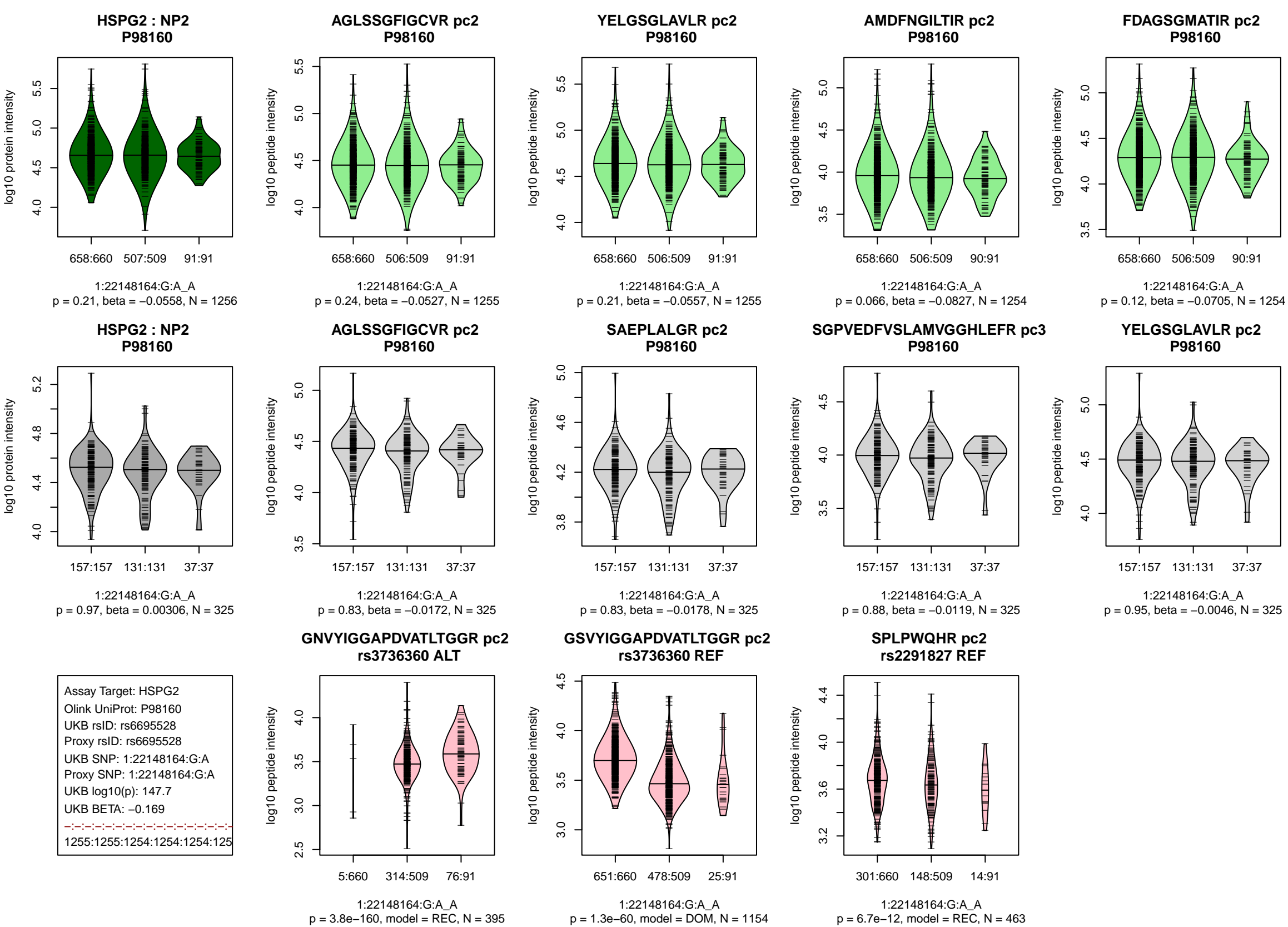
3:186739677:G:A_A
p = 0.095, beta = -0.131, N = 321

FNGAPTANFQQDVGTK pc2
P15907

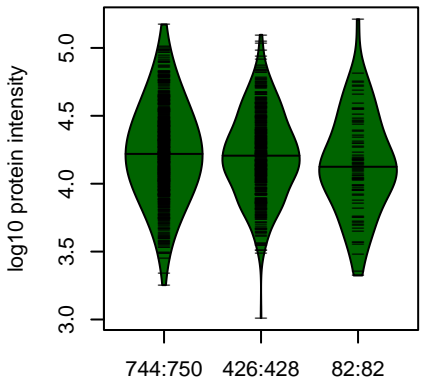


3:186739677:G:A_A
p = 0.34, beta = -0.0864, N = 245

Assay Target: ST6GAL1
Olink UniProt: P15907
UKB rsID: rs4686837
Proxy rsID: rs4686837
UKB SNP: 3:186739677:G:A
Proxy SNP: 3:186739677:G:A
UKB log10(p): 152.6
UKB BETA: -0.17
-----NA:NA
1255:1255:1245:1123:658:500:3

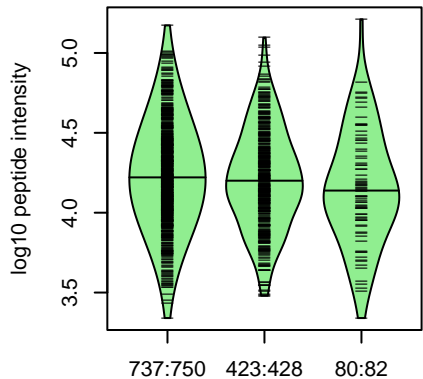


**CAT : NP1
P04040**



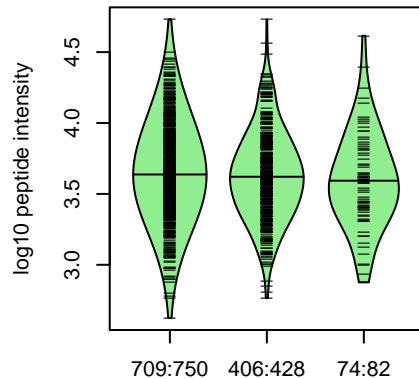
11:34475749:A:T_T
p = 0.013, beta = -0.113, N = 1252

**LNVITVGPR pc2
P04040**



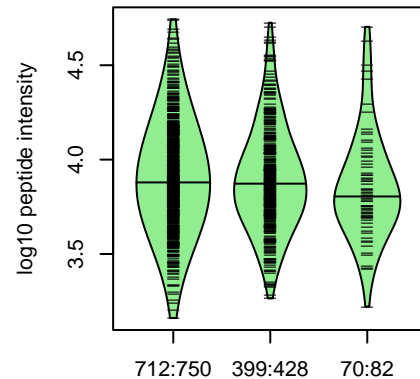
11:34475749:A:T_T
p = 0.017, beta = -0.11, N = 1240

**LVNANGEAVYCK pc2
P04040**



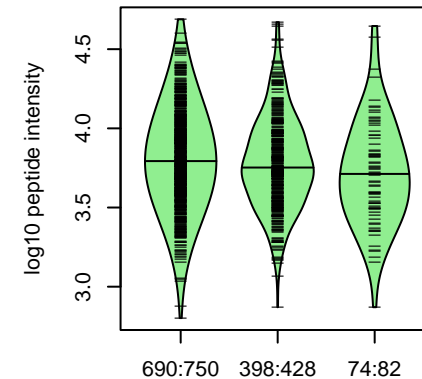
11:34475749:A:T_T
p = 0.063, beta = -0.0878, N = 1189

**GAGAFGYFEVTHDITK pc3
P04040**



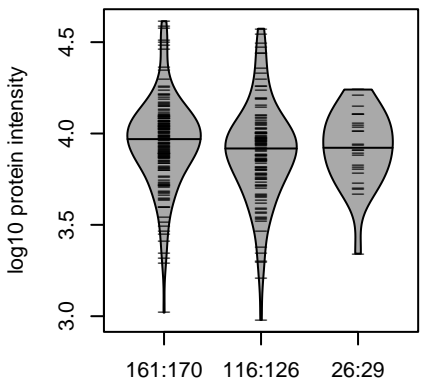
11:34475749:A:T_T
p = 0.099, beta = -0.0788, N = 1181

**FSTVAGESGSADTVRDPR pc3
P04040**



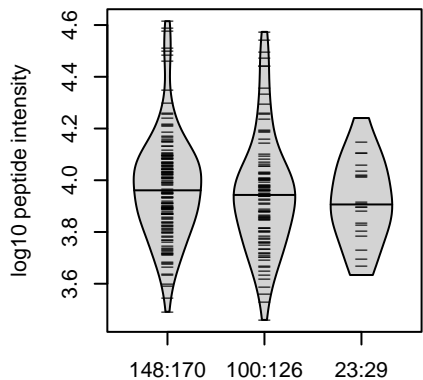
11:34475749:A:T_T
p = 0.013, beta = -0.118, N = 1162

**CAT : NP1
P04040**



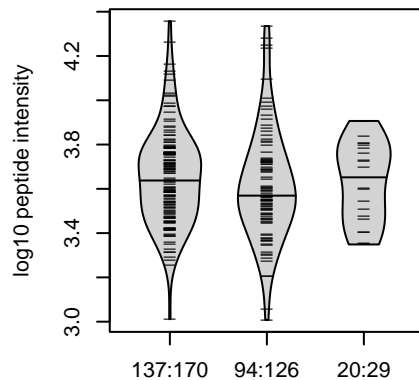
11:34475749:A:T_T
p = 0.26, beta = -0.0982, N = 303

**LNVITVGPR pc2
P04040**



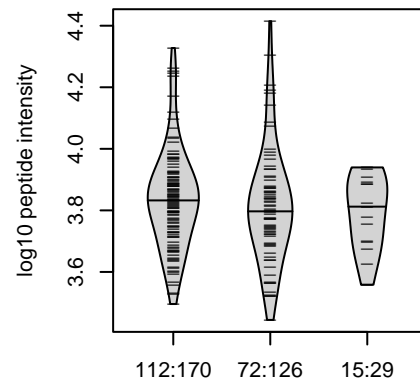
11:34475749:A:T_T
p = 0.24, beta = -0.11, N = 271

**GPLLQDVVFTDEMAHFDRE pc4
P04040**



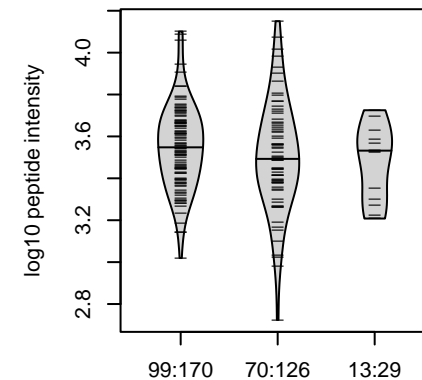
11:34475749:A:T_T
p = 0.24, beta = -0.113, N = 251

**GAGAFGYFEVTHDITK pc3
P04040**



11:34475749:A:T_T
p = 0.44, beta = -0.0848, N = 199

**LVNANGEAVYCK pc2
P04040**

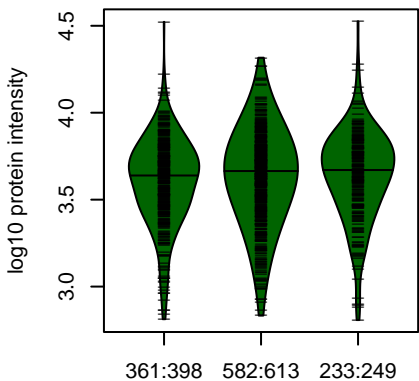


11:34475749:A:T_T
p = 0.17, beta = -0.16, N = 182

Assay Target: CAT
Olink UniProt: P04040
UKB rsID: rs1408035
Proxy rsID: rs1408035
UKB SNP: 11:34475749:A:T
Proxy SNP: 11:34475749:A:T
UKB log10(p): 147.6
UKB BETA: -0.182

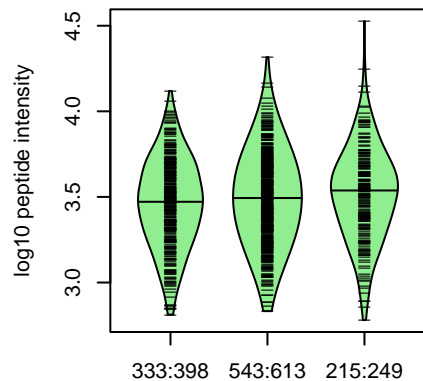
1240:1189:1181:1162:1087:105

SERPINB6 : NP1
P35237



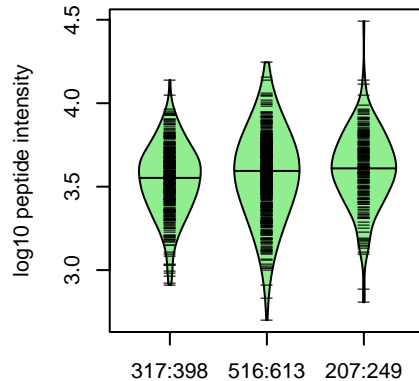
6:2972966:A:G_G
p = 0.062, beta = 0.0771, N = 1176

IAELLSPGSVDPLTR pc2
A024QZX5;A0A087X1N8;A0A2R8YD1



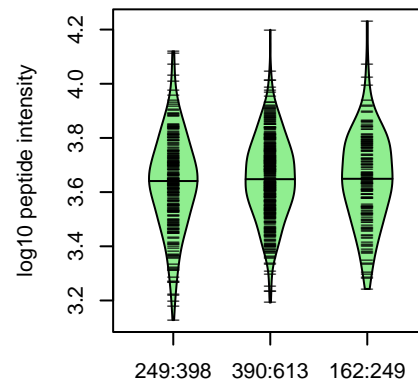
6:2972966:A:G_G
p = 0.012, beta = 0.108, N = 1091

LVLVNAVYFR pc2



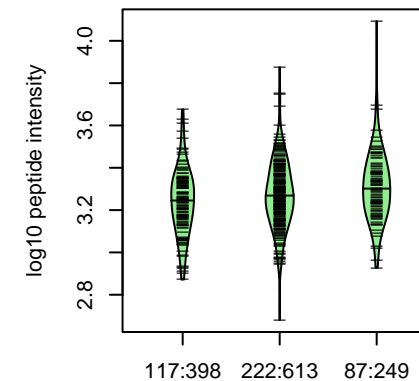
6:2972966:A:G_G
p = 0.0013, beta = 0.141, N = 1040

SCDFLSSFR pc2



6:2972966:A:G_G
p = 0.23, beta = 0.0589, N = 801

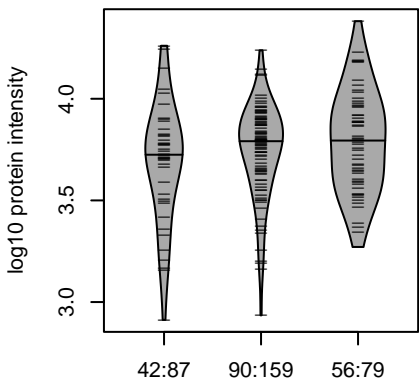
NLGMTDAFELGK pc2
A024QZX5;A0A087X1N8;A0A2R8YD1



6:2972966:A:G_G
p = 0.002, beta = 0.214, N = 426

SERPINB6 : NP1

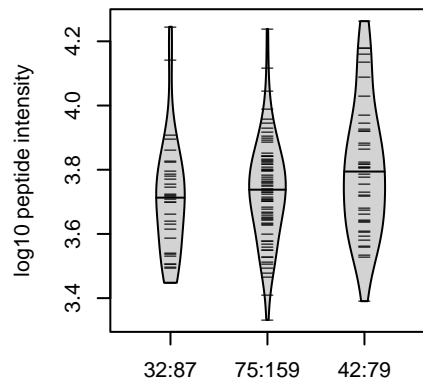
A0A024QZX5;A0A087X1N8;P35237



6:2972966:A:G_G
p = 0.068, beta = 0.182, N = 188

LVLVNAVYFR pc2

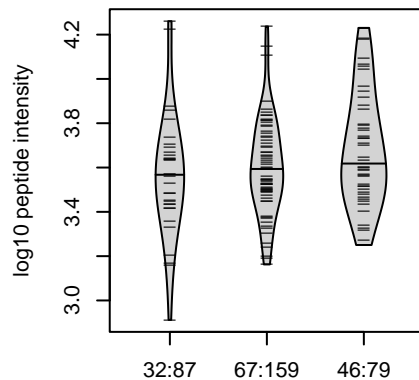
A0A024QZX5;A0A087X1N8;A0A2R8YD1



6:2972966:A:G_G
p = 0.063, beta = 0.212, N = 149

IAELLSPGSVDPLTR pc2

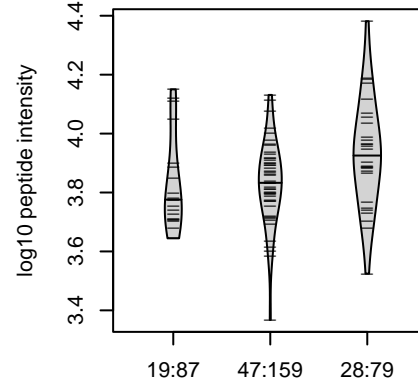
A0A024QZX5;A0A087X1N8;A0A2R8YD1



6:2972966:A:G_G
p = 0.26, beta = 0.126, N = 145

SCDFLSSFR pc2

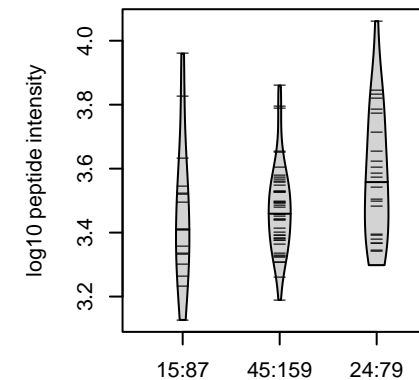
A0A024QZX5;A0A087X1N8;A0A2R8YD1



6:2972966:A:G_G
p = 0.1, beta = 0.232, N = 94

NLGMTDAFELGK pc2

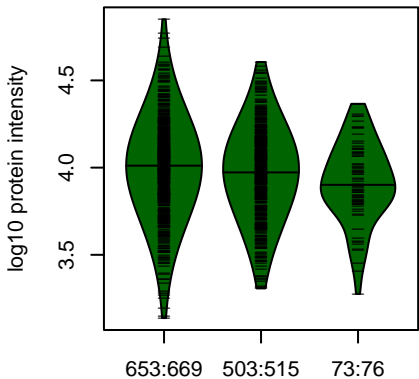
A0A024QZX5;A0A087X1N8;A0A2R8YD1



6:2972966:A:G_G
p = 0.047, beta = 0.308, N = 84

Assay Target: SERPINB6
Olink UniProt: P35237
UKB rsID: rs9405601
Proxy rsID: rs7775515
UKB SNP: 6:2972897:G:A
Proxy SNP: 6:2972966:A:G
UKB log10(p): 147.3
UKB BETA: 0.159
-----*-----
1091:1040:801:426:325:255:244

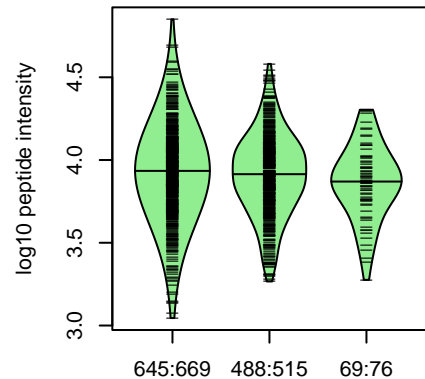
AGER : NP3
Q15109-3



6:32155581:A:G_G
p = 0.025, beta = -0.105, N = 1229

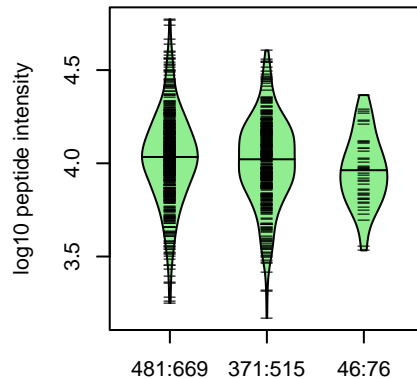
IGEPLVLK pc2

Q15109-2;Q15109-3;Q15109-4;Q151A982;Q15109-3;Q15109-4;Q15109-6;



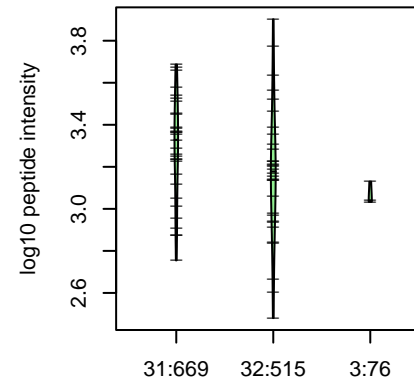
6:32155581:A:G_G
p = 0.13, beta = -0.0722, N = 1202

VLSPQGGGPWDSVAR pc2



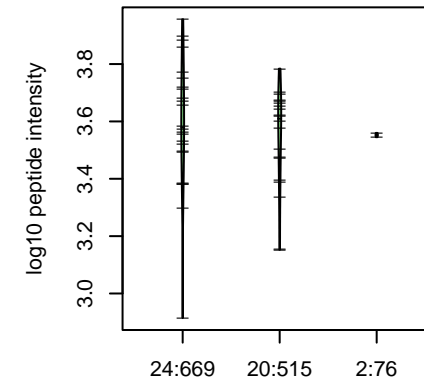
6:32155581:A:G_G
p = 0.12, beta = -0.088, N = 898

GGDPRPTFSCSFSPGLPR pc3



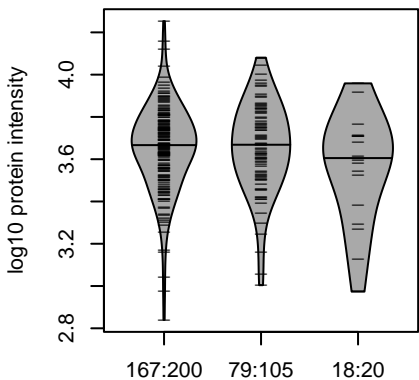
6:32155581:A:G_G
p = 0.0054, beta = -0.554, N = 66

VGTCVSEGSYPAGTLSWHLDGK pc3
A8MS87;Q15109-2;Q15109-3;Q151



6:32155581:A:G_G
p = 0.36, beta = -0.222, N = 46

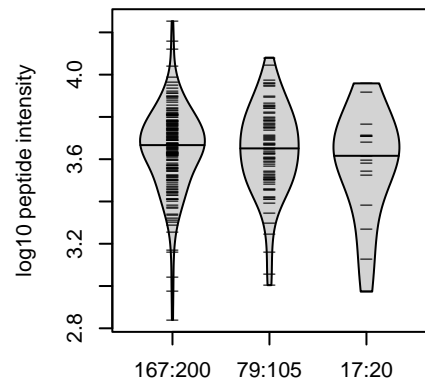
AGER : NP3
Q15109-3;Q15109-4



6:32155581:A:G_G
p = 0.82, beta = -0.0228, N = 264

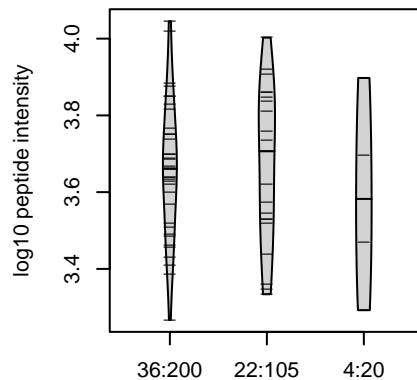
IGEPLVLK pc2

Q15109-2;Q15109-3;Q15109-4;Q151A982;Q15109-3;Q15109-4;Q15109-6;



6:32155581:A:G_G
p = 0.86, beta = -0.0176, N = 263

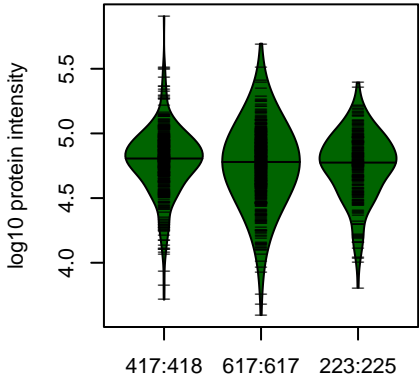
VLSPQGGGPWDSVAR pc2



6:32155581:A:G_G
p = 0.88, beta = 0.0311, N = 62

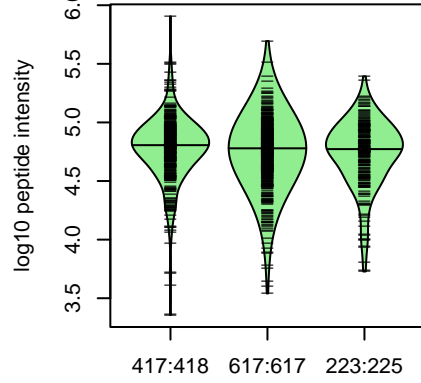
Assay Target: AGER
Olink UniProt: Q15109
UKB rsID: rs204993
Proxy rsID: rs204993
UKB SNP: 6:32155581:A:G
Proxy SNP: 6:32155581:A:G
UKB log10(p): 142.4
UKB BETA: -0.16
-.-*:--
1202:898:66:46

COL18A1 : NP5
P39060;P39060-1;P39060-2



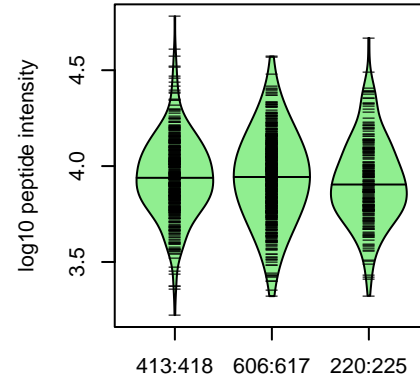
21:46902273:A:G_G
 $p = 0.026$, $\beta = -0.0896$, $N = 1257$

FQGVIAELK pc2
P39060;P39060-1;P39060-2



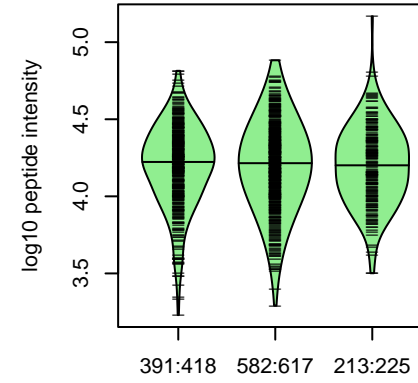
21:46902273:A:G_G
 $p = 0.025$, $\beta = -0.0903$, $N = 1257$

GADFQCFQQR pc2
P39060;P39060-1;P39060-2



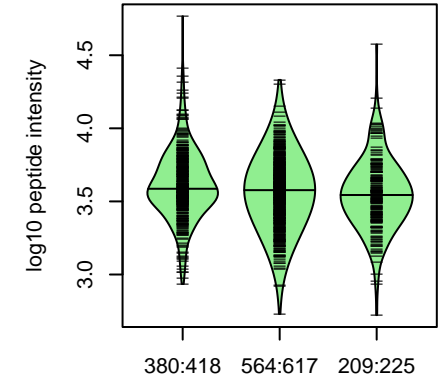
21:46902273:A:G_G
 $p = 0.11$, $\beta = -0.064$, $N = 1239$

IFSFQDGK pc2
P39060;P39060-1;P39060-2



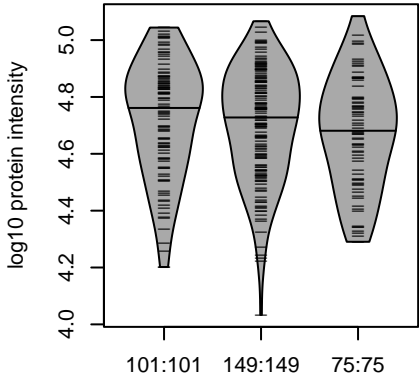
21:46902273:A:G_G
 $p = 0.67$, $\beta = -0.0177$, $N = 1186$

GLELEPGAGLFVAQAGGADPK pc2
P39060;P39060-1;P39060-2



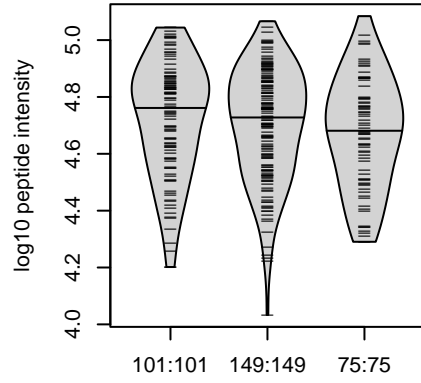
21:46902273:A:G_G
 $p = 0.00018$, $\beta = -0.157$, $N = 1153$

COL18A1 : NP5
P39060;P39060-1;P39060-2



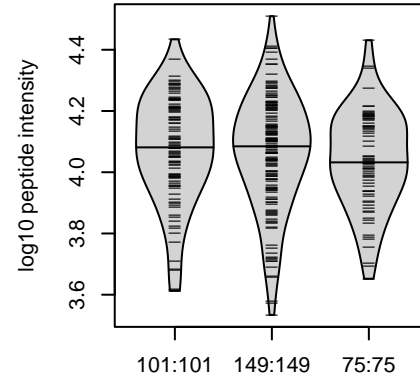
21:46902273:A:G_G
 $p = 0.13$, $\beta = -0.113$, $N = 325$

FQGVIAELK pc2
P39060;P39060-1;P39060-2



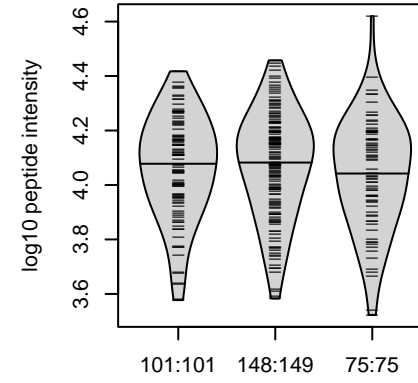
21:46902273:A:G_G
 $p = 0.13$, $\beta = -0.113$, $N = 325$

GADFQCFQQR pc2
P39060;P39060-1;P39060-2



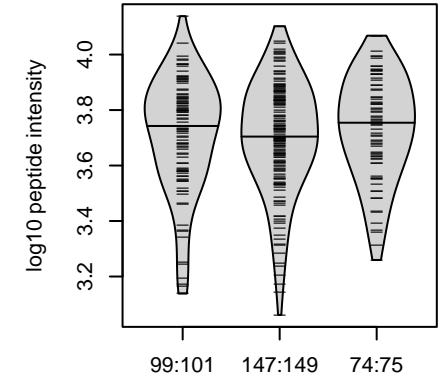
21:46902273:A:G_G
 $p = 0.15$, $\beta = -0.108$, $N = 325$

TEAPSATGQASSLLGGR pc2
P39060;P39060-1;P39060-2



21:46902273:A:G_G
 $p = 0.61$, $\beta = -0.0378$, $N = 324$

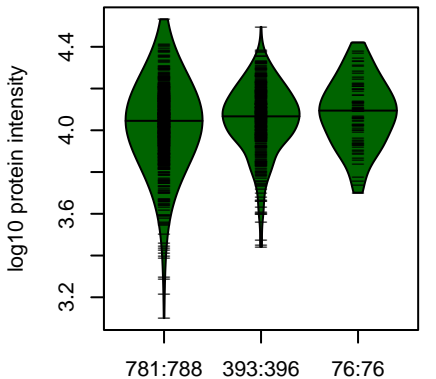
ELLREETGAALK pc2
P39060;P39060-1;P39060-2



21:46902273:A:G_G
 $p = 0.82$, $\beta = 0.0167$, $N = 320$

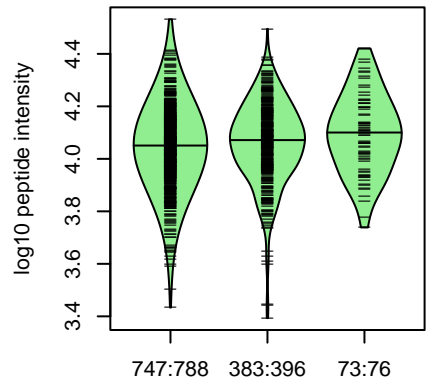
Assay Target: COL18A1
Olink UniProt: P39060
UKB rsID: rs36182034
Proxy rsID: rs2236468
UKB SNP: 21:46903982:T:C
Proxy SNP: 21:46902273:A:G
UKB log10(p): 140.7
UKB BETA: -0.153
-----*-----
1257:1239:1186:1153:1128:107

**CHMP6 : NP1
Q96FZ7**



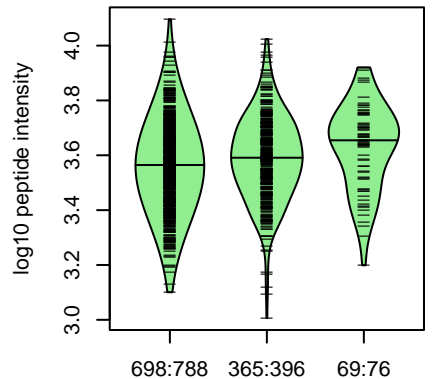
17:78971176:A:G_G
p = 5.7e-05, beta = 0.186, N = 1250

**MHQVMSIEEVER pc3
Q96FZ7**



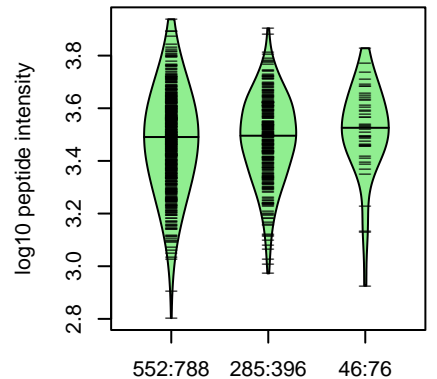
17:78971176:A:G_G
p = 0.00018, beta = 0.177, N = 1203

**VMEGLQFGNECLNK pc2
Q96FZ7**



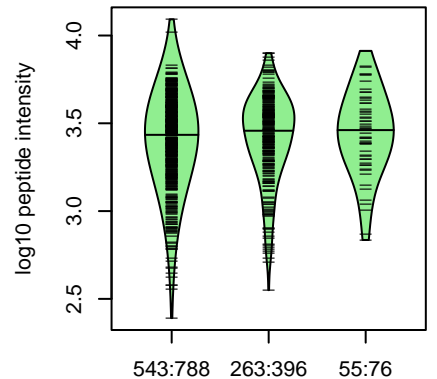
17:78971176:A:G_G
p = 9.9e-06, beta = 0.214, N = 1132

**YQEQLLDR pc2
Q96FZ7**



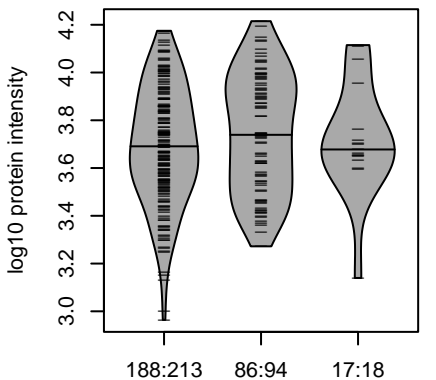
17:78971176:A:G_G
p = 0.15, beta = 0.0818, N = 883

**ILDETQEA VEYQR pc2
Q96FZ7**



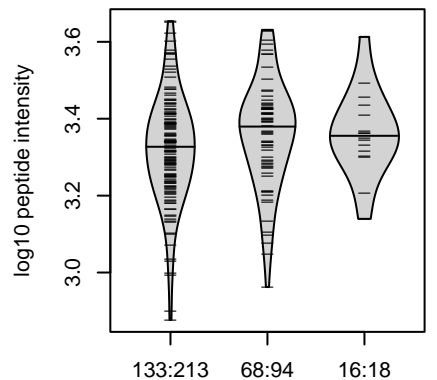
17:78971176:A:G_G
p = 0.063, beta = 0.103, N = 861

**CHMP6 : NP1
Q96FZ7**



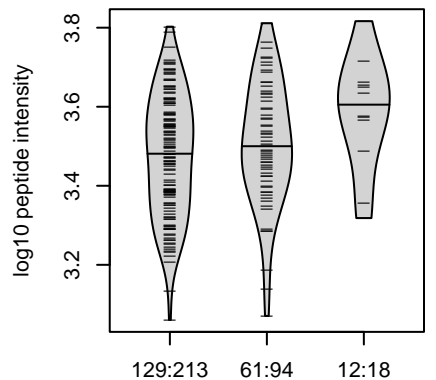
17:78971176:A:G_G
p = 0.22, beta = 0.119, N = 291

**VMEGLQFGNECLNK pc2
Q96FZ7**



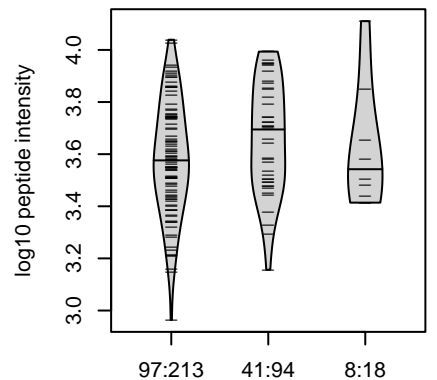
17:78971176:A:G_G
p = 0.061, beta = 0.198, N = 217

**ILDETQEA VEYQR pc2
Q96FZ7**



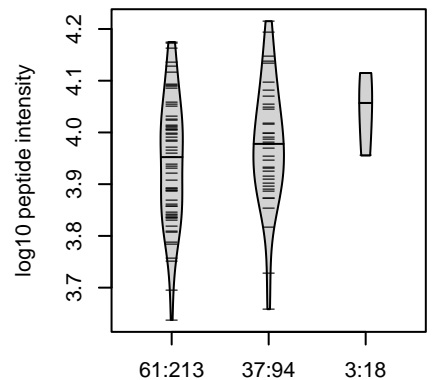
17:78971176:A:G_G
p = 0.0072, beta = 0.306, N = 202

**IPENVPVK pc2
Q96FZ7**



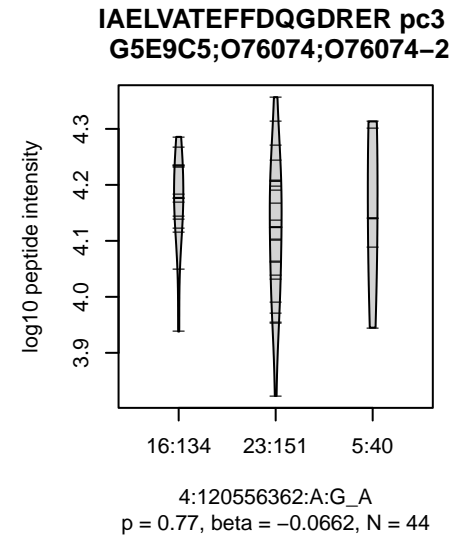
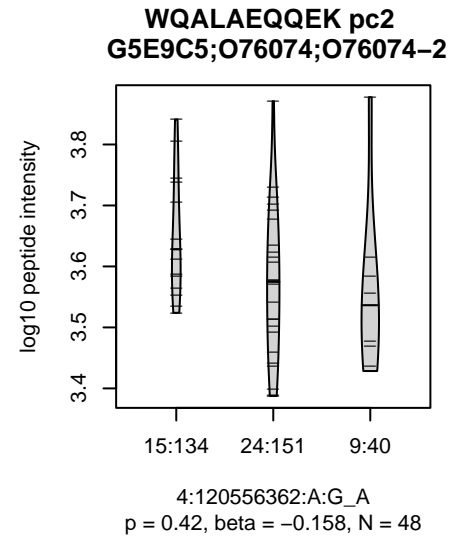
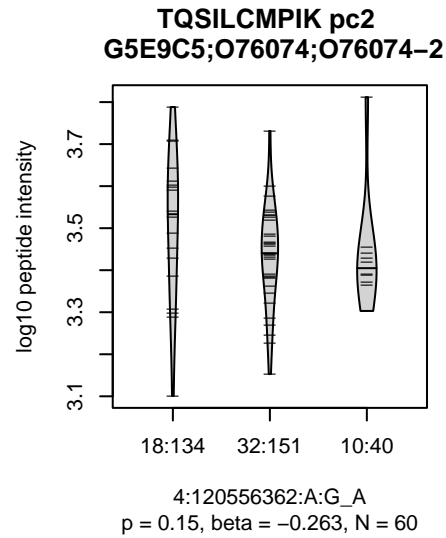
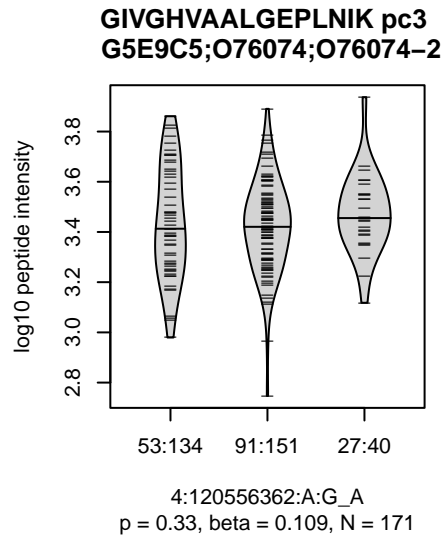
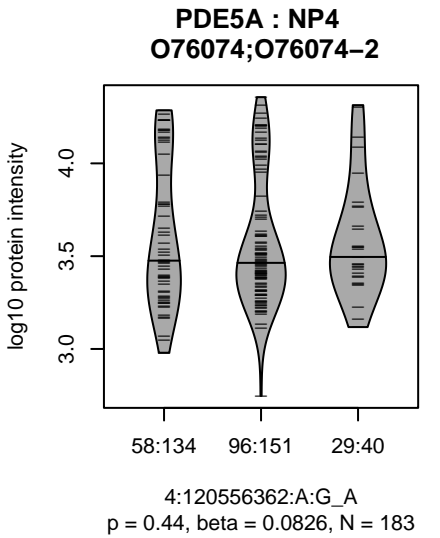
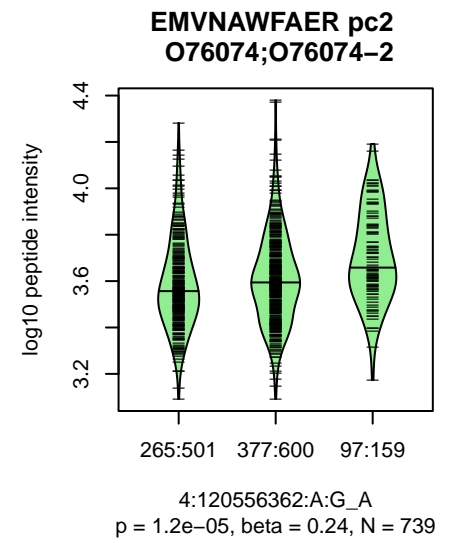
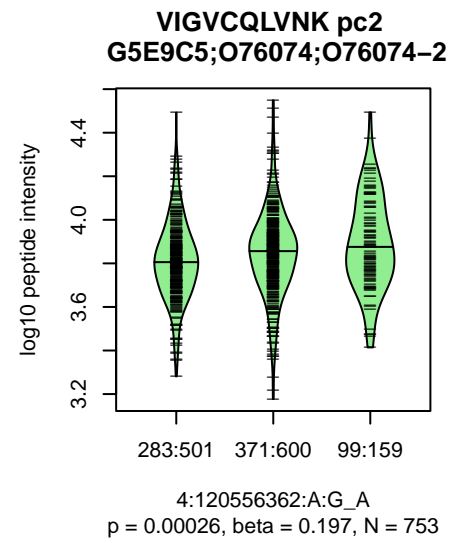
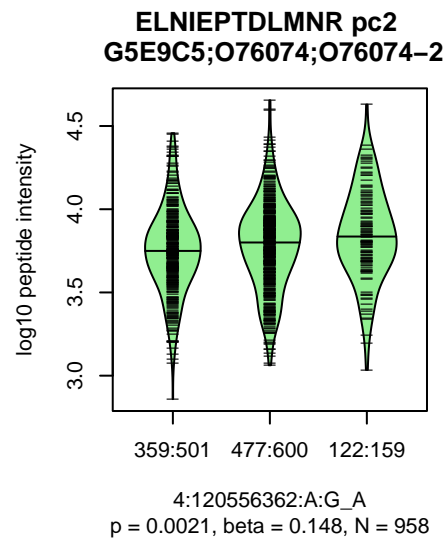
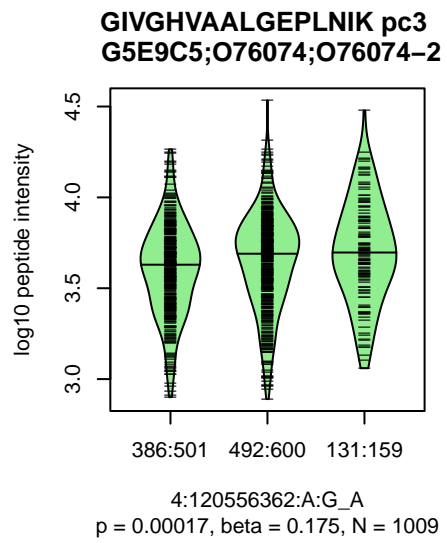
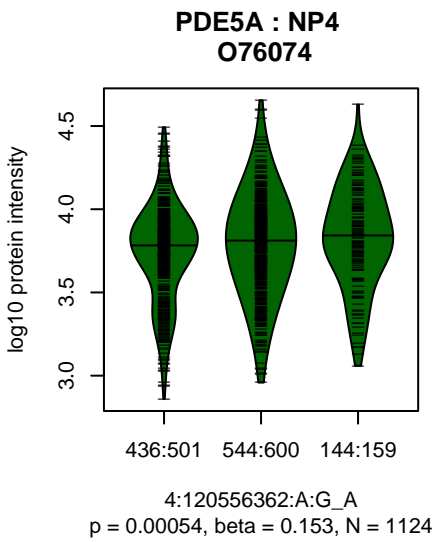
17:78971176:A:G_G
p = 0.22, beta = 0.167, N = 146

**MHQVMSIEEVER pc3
Q96FZ7**



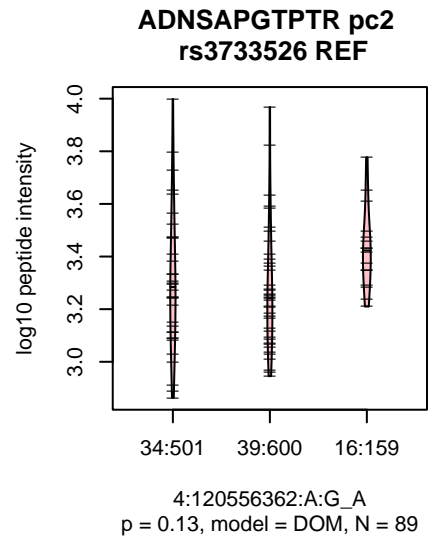
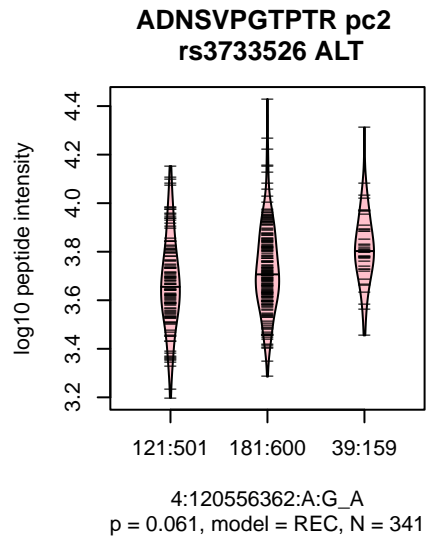
17:78971176:A:G_G
p = 0.062, beta = 0.325, N = 101

Assay Target: CHMP6
Olink UniProt: Q96FZ7
UKB rsID: rs9989475
Proxy rsID: rs9989475
UKB SNP: 17:78971176:A:G
Proxy SNP: 17:78971176:A:G
UKB log10(p): 139.3
UKB BETA: 0.201
.-:-:-:-
1203:1132:883:861:564:118

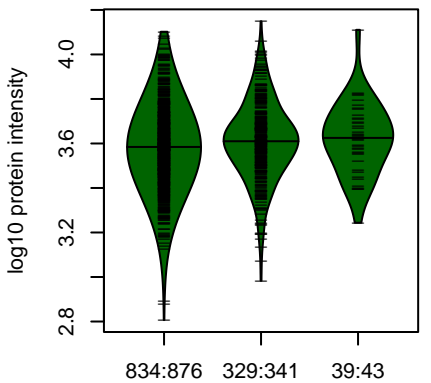


Assay Target: PDE5A
Olink UniProt: O76074
UKB rsID: rs58583086
Proxy rsID: rs58583086
UKB SNP: 4:120556362:A:G
Proxy SNP: 4:120556362:A:G
UKB log10(p): 137.6
UKB BETA: -0.159

1009:958:753:739:728:709:707:

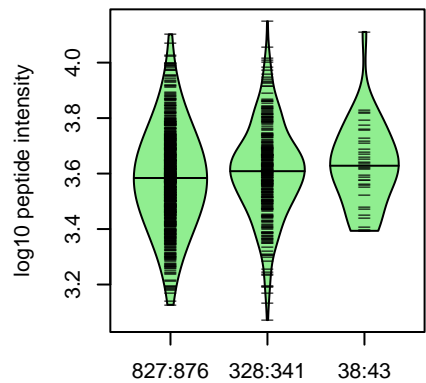


HPCAL1 : NP2
P37235



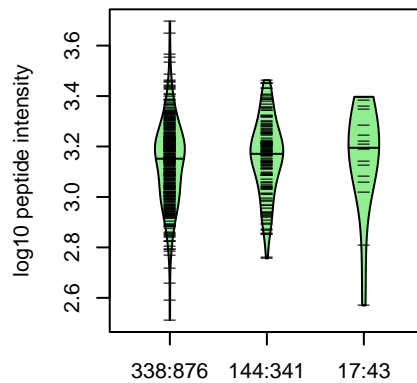
2:10475599:A:C_C
p = 0.0058, beta = 0.147, N = 1202

LSLEEFIR pc2
P84074;P37235;P61601



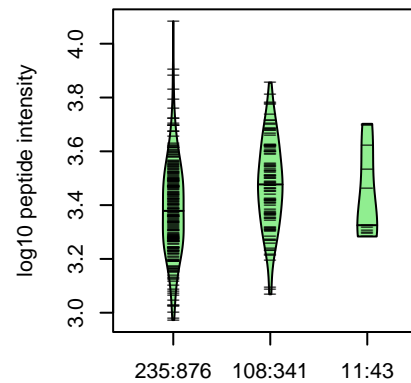
2:10475599:A:C_C
p = 0.0045, beta = 0.153, N = 1193

EFIIALSVTSR pc2
E5RGA9;E9PC71;P84074;P37235;P61



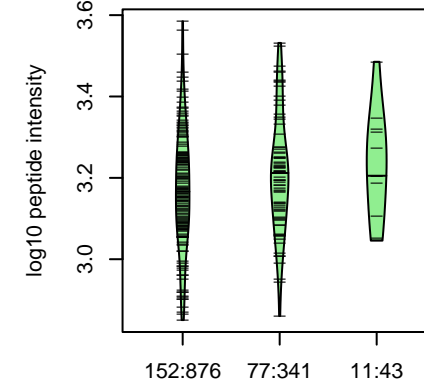
2:10475599:A:C_C
p = 0.039, beta = 0.167, N = 499

LRPEVLQDLR pc3
E9PC71;P37235



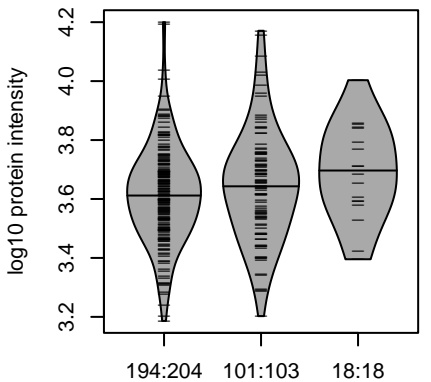
2:10475599:A:C_C
p = 0.00014, beta = 0.365, N = 354

IYANFFPYGDASK pc2
E9PC71;P84074;P37235



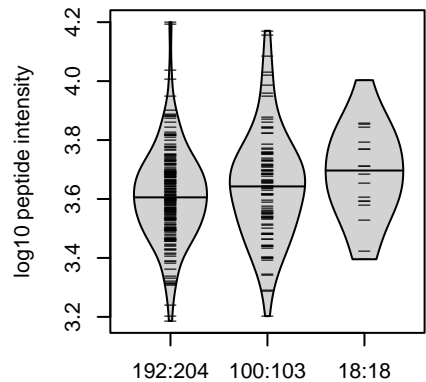
2:10475599:A:C_C
p = 0.091, beta = 0.185, N = 240

HPCAL1 : NP2
P37235



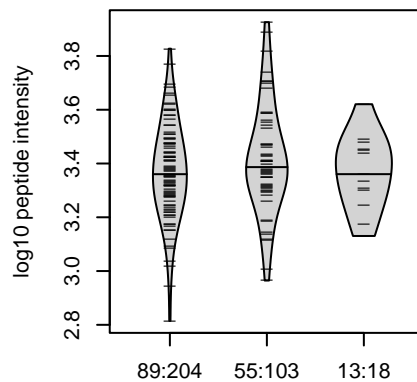
2:10475599:A:C_C
p = 0.065, beta = 0.171, N = 313

LSLEEFIR pc2
P84074;P37235;P61601



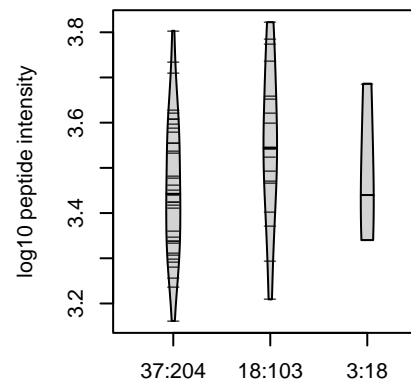
2:10475599:A:C_C
p = 0.034, beta = 0.197, N = 310

LRPEVLQDLR pc3
E9PC71;P37235



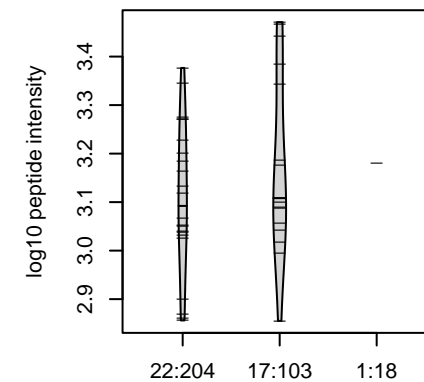
2:10475599:A:C_C
p = 0.27, beta = 0.134, N = 157

DCPTGHLTVDEFKK pc3
E9PC71;P37235



2:10475599:A:C_C
p = 0.15, beta = 0.308, N = 58

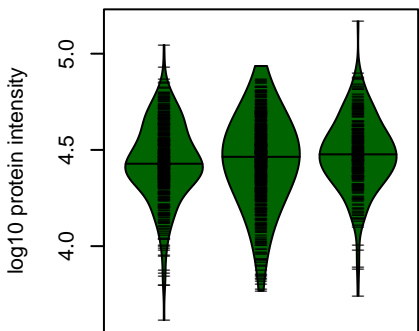
EFIIALSVTSR pc2
E5RGA9;E9PC71;P84074;P37235;P61



2:10475599:A:C_C
p = 0.13, beta = 0.406, N = 40

Assay Target: HPCAL1
Olink UniProt: P37235
UKB rsID: rs375285744
Proxy rsID: rs11891604
UKB SNP: 2:10476228:T:C
Proxy SNP: 2:10475599:A:C
UKB log10(p): 137
UKB BETA: 0.213
:-:--:-:NA
1193:499:354:240:130:95:2

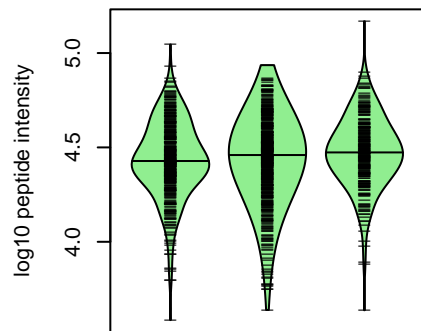
**CTSL : NP5
P07711**



415:415 574:575 268:270

9:90349202:G:C_G
p = 0.079, beta = 0.0679, N = 1257

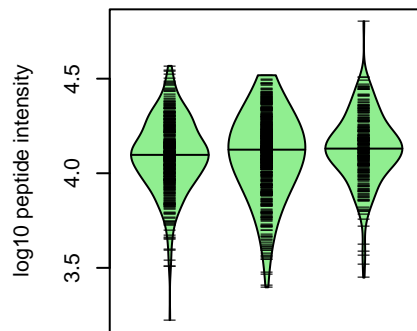
**VFQEPLFYEAPR pc2
2V5M3;A0A7I2YQA2;A0A7I2YQB5;P0A0A7I2V484;A0A7I2V5M3;P07711-3;P1A0A7I2V484;A0A7I2V5M3;P07711-3;P1A0A7I2V5M3;A0A7I2YQA2;P07711-3**



415:415 573:575 268:270

9:90349202:G:C_G
p = 0.1, beta = 0.0631, N = 1256

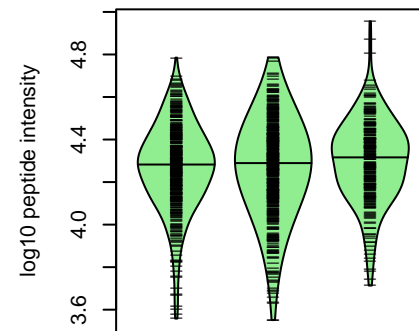
NSWGEEWGMGGYVK pc2



415:415 570:575 268:270

9:90349202:G:C_G
p = 0.13, beta = 0.0585, N = 1253

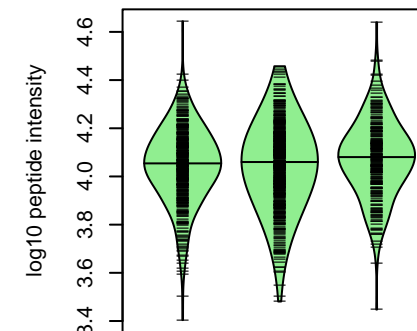
NHCGIASAASYPTV pc2



412:415 568:575 268:270

9:90349202:G:C_G
p = 0.22, beta = 0.0474, N = 1248

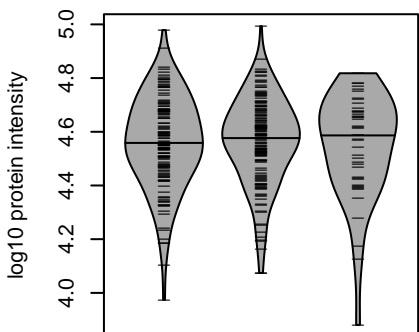
AVATVGPISVAIDAGHESFLFYK pc2



412:415 566:575 267:270

9:90349202:G:C_G
p = 0.085, beta = 0.0666, N = 1245

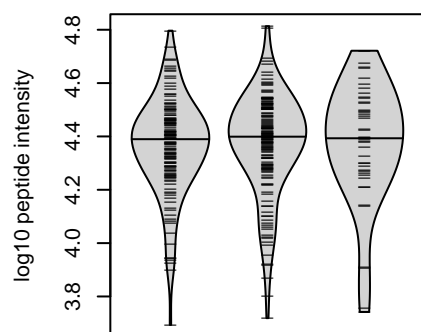
**CTSL : NP5
A0A7I2V5M3;P07711**



132:132 149:149 44:44

9:90349202:G:C_G
p = 0.58, beta = 0.0444, N = 325

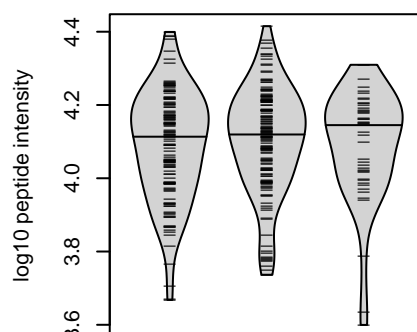
**NHCGIASAASYPTV pc2
A0A7I2V484;A0A7I2V5M3;P07711-3;P1A0A7I2V484;A0A7I2V5M3;P07711-3;P1A0A7I2V5M3;A0A7I2YQA2;A0A7I2YQB5;P0A0A7I2V5M3;A0A7I2V601;A0A7I2YQA2**



132:132 149:149 44:44

9:90349202:G:C_G
p = 0.13, beta = 0.123, N = 325

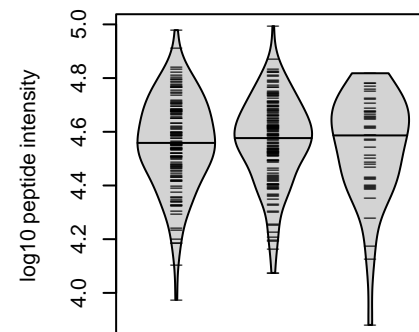
NSWGEEWGMGGYVK pc2



132:132 149:149 44:44

9:90349202:G:C_G
p = 0.33, beta = 0.0778, N = 325

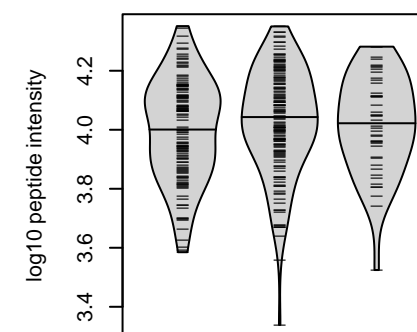
VFQEPLFYEAPR pc2



132:132 149:149 44:44

9:90349202:G:C_G
p = 0.56, beta = 0.0465, N = 325

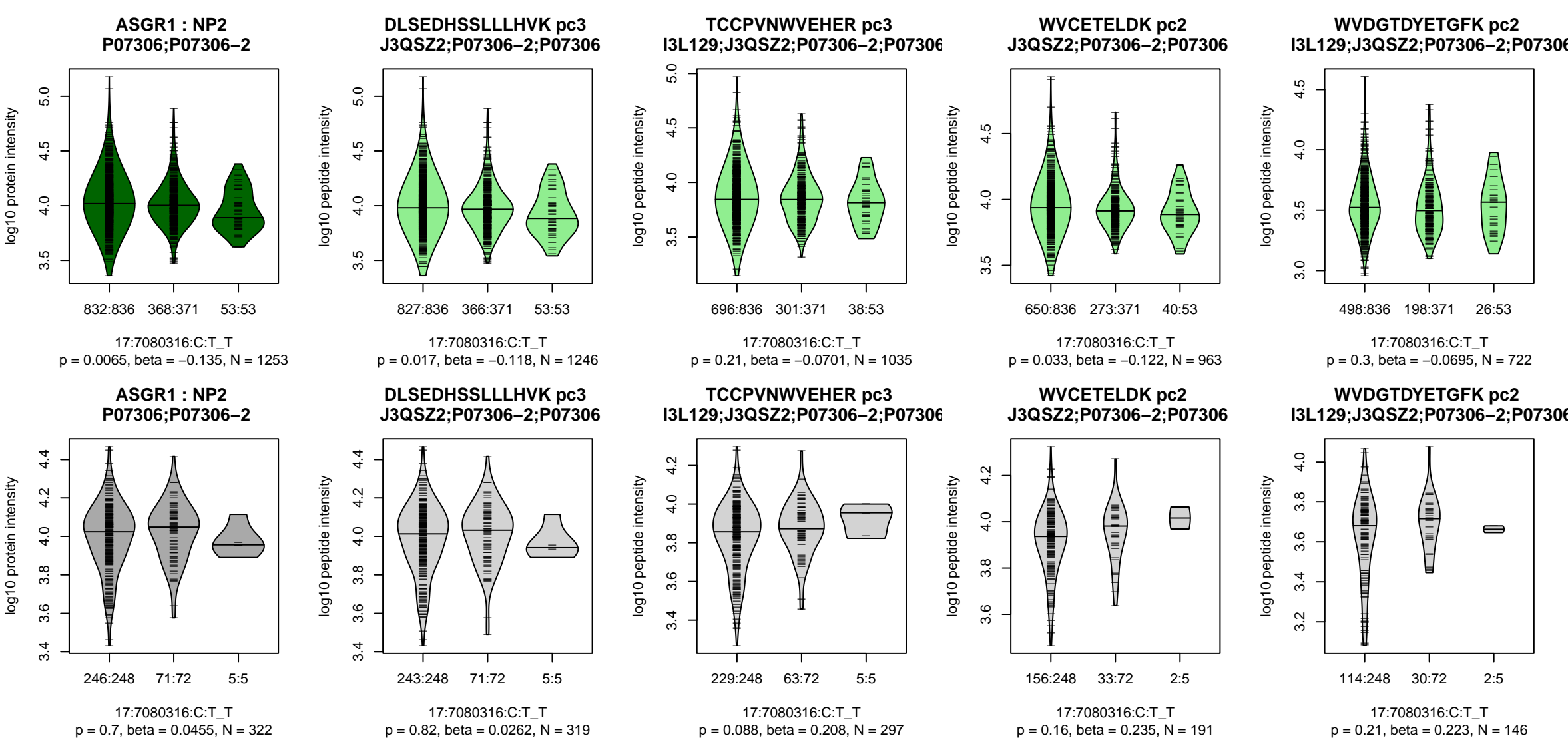
LYGMNEEGWR pc2



129:132 146:149 44:44

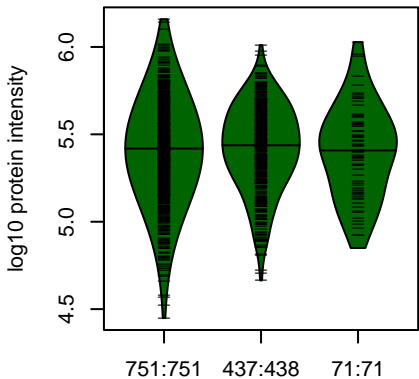
9:90349202:G:C_G
p = 0.08, beta = 0.141, N = 319

Assay Target: CTSL
Olink UniProt: P07711
UKB rsID: rs868561
Proxy rsID: rs868561
UKB SNP: 9:90349202:G:C
Proxy SNP: 9:90349202:G:C
UKB log10(p): 133
UKB BETA: -0.145
-----NA
1256:1253:1248:1245:1227:106



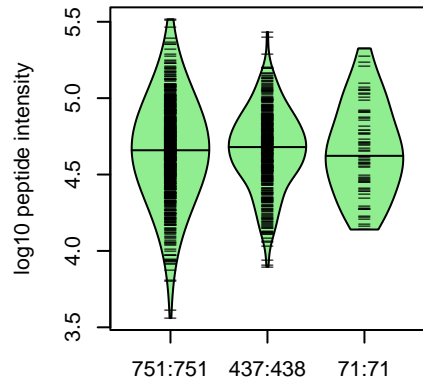
Assay Target: ASGR1
 Olink UniProt: P07306
 UKB rsID: rs55714927
 Proxy rsID: rs55714927
 UKB SNP: 17:7080316:C:T
 Proxy SNP: 17:7080316:C:T
 UKB log10(p): 132.7
 UKB BETA: -0.188
 -----*-----
 1246:1035:963:722:584:523:472

**CFD : NP4
P00746**



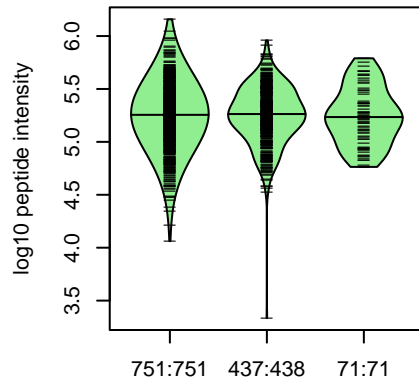
19:859368:G:T_T
p = 0.65, beta = 0.0213, N = 1259

**DVAPGTLCDVAGWGIVNHAGR pc3
K7ERG9;P00746**



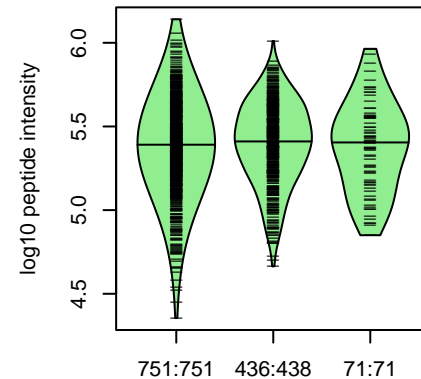
19:859368:G:T_T
p = 0.86, beta = 0.00814, N = 1259

**RPDSLQHVLLPVLDR pc3
K7ERG9;P00746**



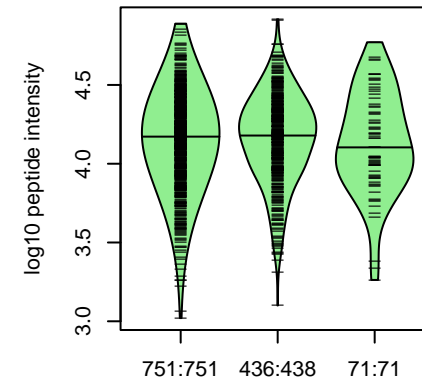
19:859368:G:T_T
p = 0.96, beta = 0.00233, N = 1259

**VDRDVAPGTLCDVAGWGIVNHAGR p
K7ERG9;P00746**



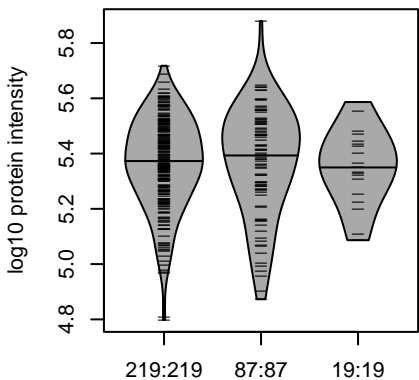
19:859368:G:T_T
p = 0.59, beta = 0.0254, N = 1258

**VQVLLGAHSLSQPEPSK pc2
K7ERG9;P00746**



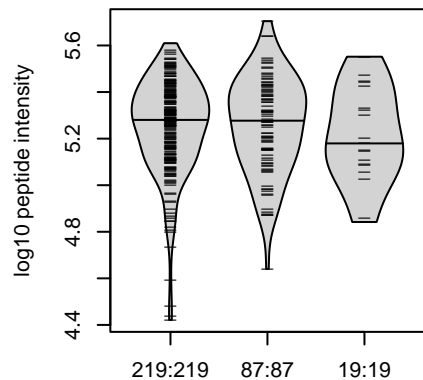
19:859368:G:T_T
p = 0.8, beta = -0.0119, N = 1258

**CFD : NP4
P00746**



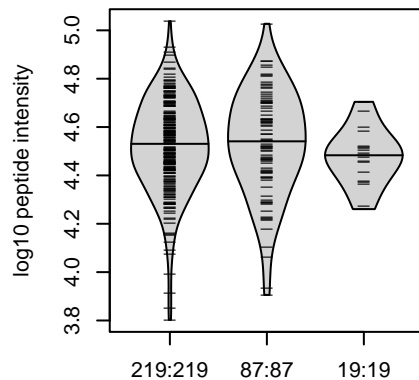
19:859368:G:T_T
p = 0.47, beta = -0.0662, N = 325

**AVPHPDSQPDTIDHLLLLQLSEK pc
K7ERG9;P00746**



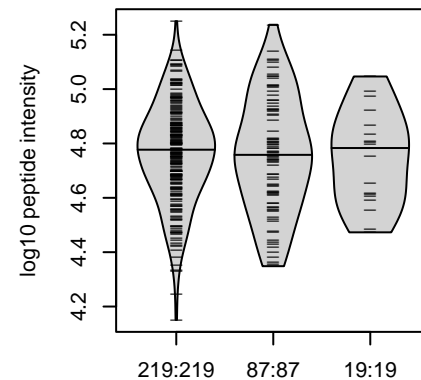
19:859368:G:T_T
p = 0.28, beta = -0.0996, N = 325

**DVAPGTLCDVAGWGIVNHAGR pc3
K7ERG9;P00746**



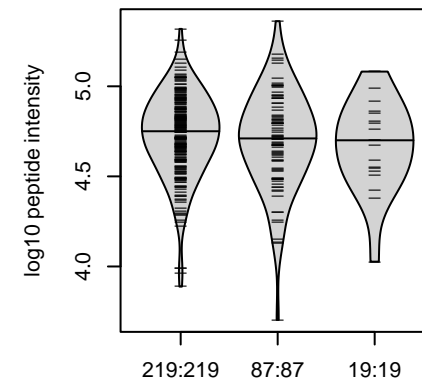
19:859368:G:T_T
p = 0.46, beta = -0.0684, N = 325

**GDSGGPLVCGGVLEGVVTSGSR pc
K7ERG9;P00746**



19:859368:G:T_T
p = 0.33, beta = -0.0898, N = 325

**LMCAESNR pc2
K7ERG9;P00746**

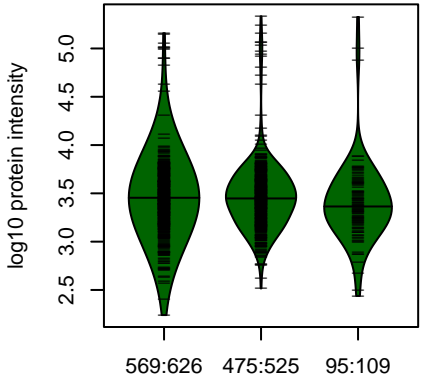


19:859368:G:T_T
p = 0.13, beta = -0.14, N = 325

Assay Target: CFD
Olink UniProt: P00746
UKB rsID: rs71335276
Proxy rsID: rs71335276
UKB SNP: 19:859368:G:T
Proxy SNP: 19:859368:G:T
UKB log10(p): 131.4
UKB BETA: -0.181

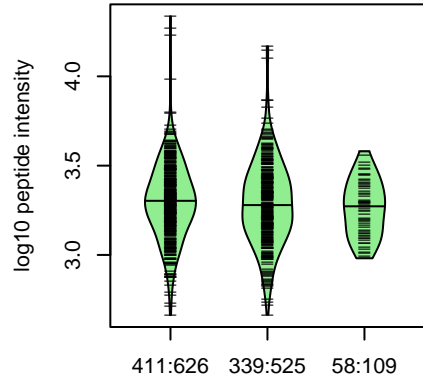
1259:1259:1258:1258:1258:125

ITGAM : NP4
P11215;P11215-2



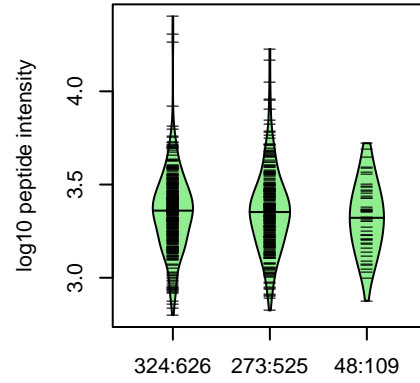
16:31363977:C:T_C
p = 0.28, beta = -0.0498, N = 1139

TEFQLELPVK pc2
P11215;P11215-2



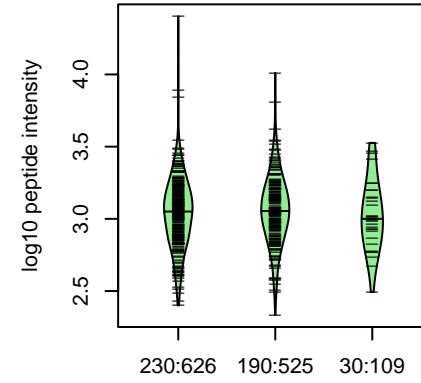
16:31363977:C:T_C
p = 0.11, beta = -0.0889, N = 808

FGAALTVLGDVNGDK pc2
H3BN02;P11215;P11215-2;P2070:



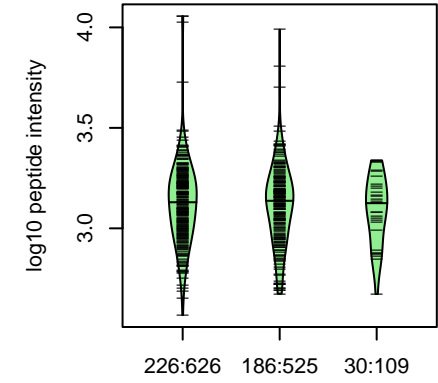
16:31363977:C:T_C
p = 0.34, beta = -0.0599, N = 645

LTDVAIGAPGEEDNR pc2
P11215;P11215-2



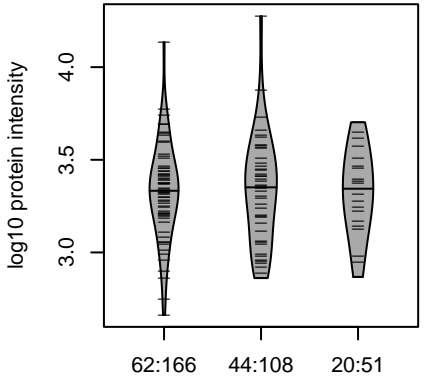
16:31363977:C:T_C
p = 0.76, beta = 0.0233, N = 450

FGDPLGYEDVIPEADREGVIR pc3
P11215;P11215-2



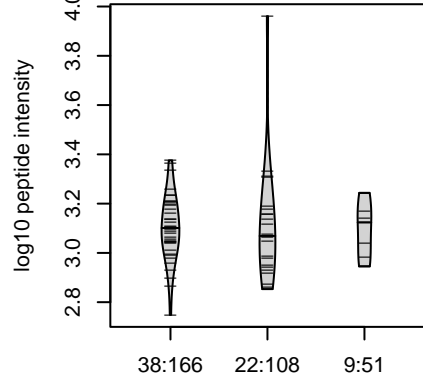
16:31363977:C:T_C
p = 0.5, beta = -0.0514, N = 442

ITGAM : NP4
P11215;P11215-2



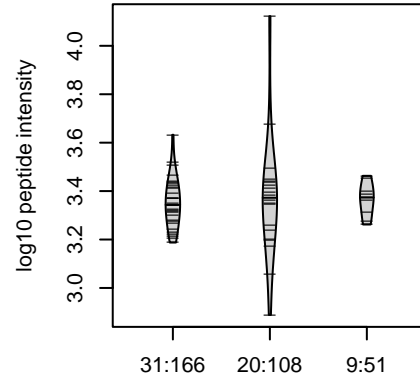
16:31363977:C:T_C
p = 0.41, beta = 0.0978, N = 126

TEFQLELPVK pc2
P11215;P11215-2



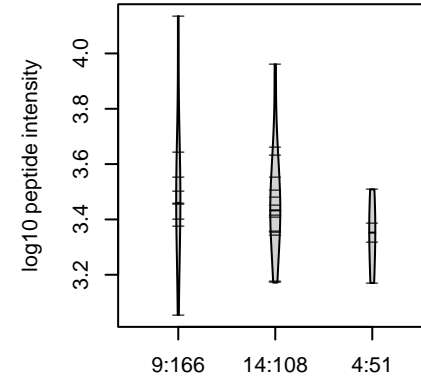
16:31363977:C:T_C
p = 0.35, beta = 0.152, N = 69

VVVGAPQEIVAANQR pc2
P11215;P11215-2



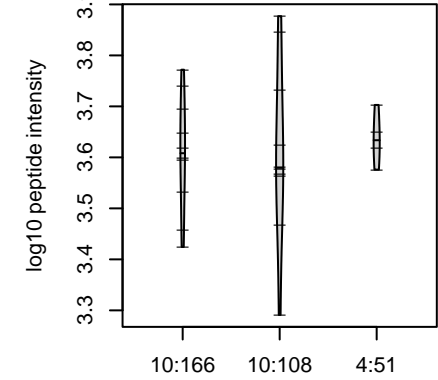
16:31363977:C:T_C
p = 0.61, beta = 0.0876, N = 60

GLCFLFGSNLR pc2
P11215;P11215-2



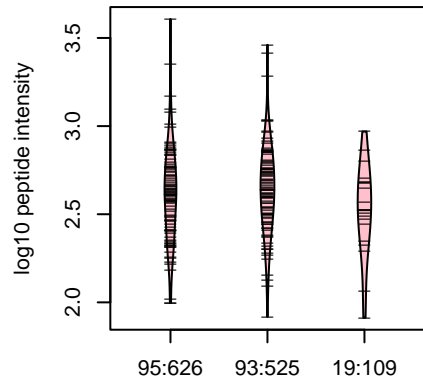
16:31363977:C:T_C
p = 0.51, beta = -0.176, N = 27

NVFECNDQVVK pc2
P11215;P11215-2



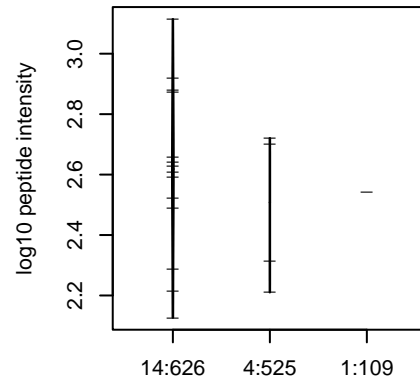
16:31363977:C:T_C
p = 0.26, beta = 0.292, N = 24

LACESASSTEVSALK pc2
rs1143683 REF



16:31363977:C:T_C
p = 0.25, model = REC, N = 207

LACESASSTEVSGLK pc2
rs1143683 ALT

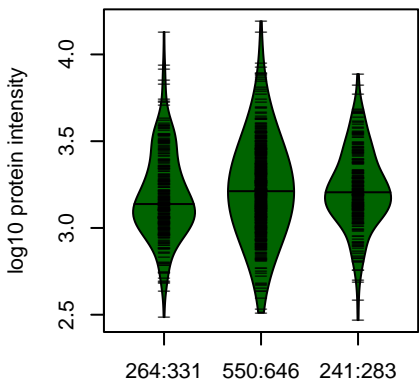


16:31363977:C:T_C
p = NA, model = NA, N = 19

Assay Target: ITGAM
Olink UniProt: P11215
UKB rsID: rs10665069
Proxy rsID: rs11574631
UKB SNP: 16:31362590:T:TAA
Proxy SNP: 16:31363977:C:T
UKB log10(p): 131.2
UKB BETA: 0.159

808:645:450:442:427:405:394:3

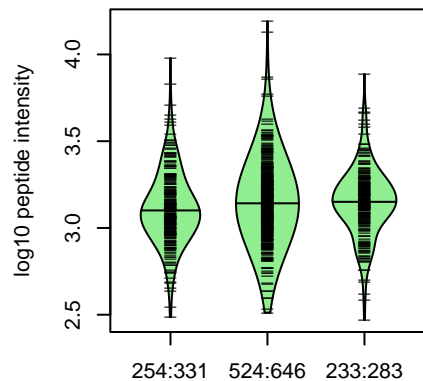
**EIF2AK2 : NP1
P19525**



2:37380668:C:T_T
p = 0.029, beta = 0.0967, N = 1055

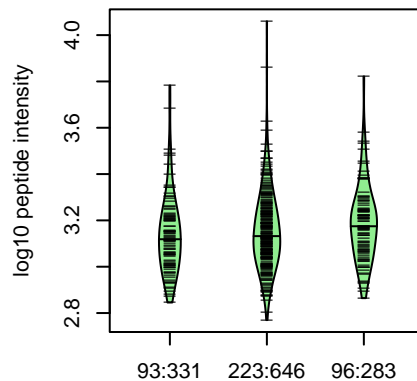
VLALELFEQITK pc2

***AL9;A0A7P0TBA9;A0A7P0Z4M0;P19A7P0TAL9;A0A7P0TBA9;A0A7P0Z4M0A7P0TAL9;A0A7P0TBA9;P19525;P19A7P0TAL9;A0A7P0TBA9;A0A7P0Z4M0;P19**



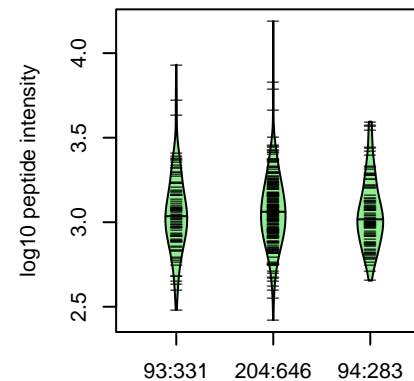
2:37380668:C:T_T
p = 0.012, beta = 0.113, N = 1011

EIELIGSGGFGQVFK pc2



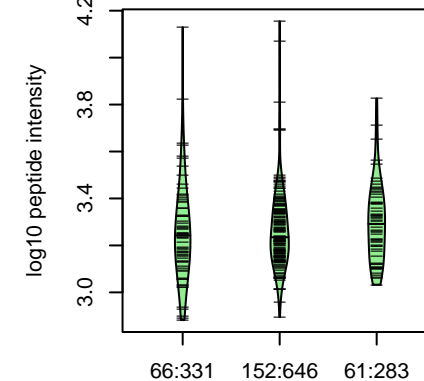
2:37380668:C:T_T
p = 0.034, beta = 0.152, N = 412

IGDFGLVTSLK pc2



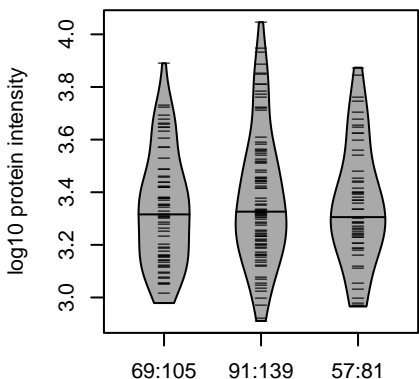
2:37380668:C:T_T
p = 0.67, beta = 0.0306, N = 391

GTLEQWIEK pc2



2:37380668:C:T_T
p = 0.14, beta = 0.129, N = 279

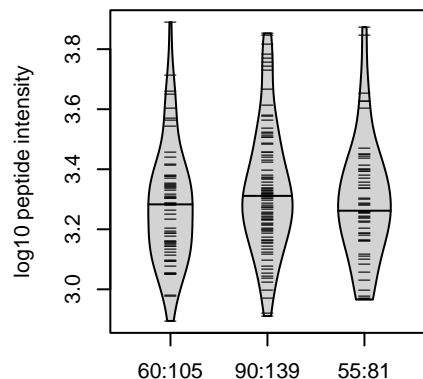
**EIF2AK2 : NP1
P19525**



2:37380668:C:T_T
p = 0.78, beta = 0.0249, N = 217

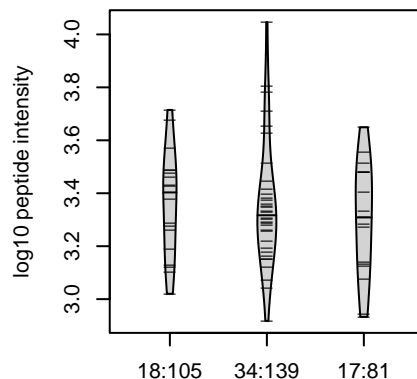
VLALELFEQITK pc2

***AL9;A0A7P0TBA9;A0A7P0Z4M0;P19A7P0TAL9;A0A7P0TBA9;P19525;P19A7P0TAL9;A0A7P0TBA9;A0A7P0Z4M0A7P0TAL9;A0A7P0TBA9;A0A7P0Z4M0;P19**



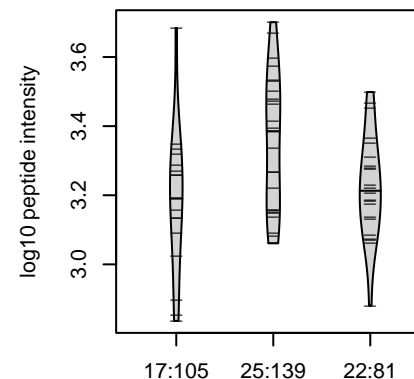
2:37380668:C:T_T
p = 0.7, beta = 0.0359, N = 205

IGDFGLVTSLK pc2



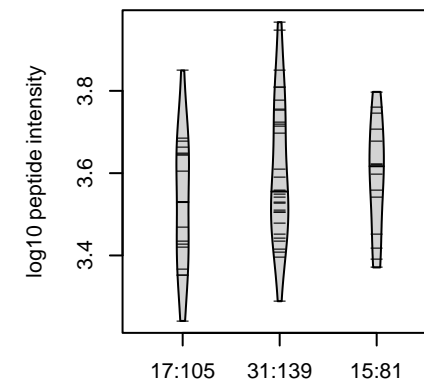
2:37380668:C:T_T
p = 0.22, beta = -0.2, N = 69

EIELIGSGGFGQVFK pc2



2:37380668:C:T_T
p = 0.83, beta = -0.0342, N = 64

GTLEQWIEK pc2

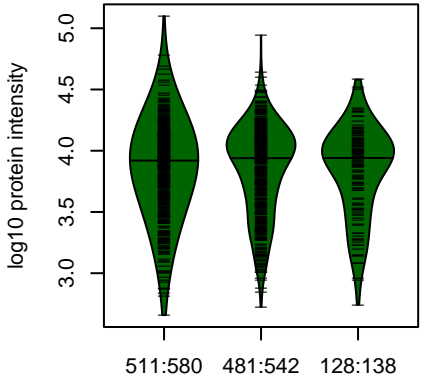


2:37380668:C:T_T
p = 0.54, beta = 0.105, N = 63

Assay Target: EIF2AK2
Olink UniProt: P19525
UKB rsID: rs11894449
Proxy rsID: rs11894449
UKB SNP: 2:37380668:C:T
Proxy SNP: 2:37380668:C:T
UKB log10(p): 130.4
UKB BETA: 0.148

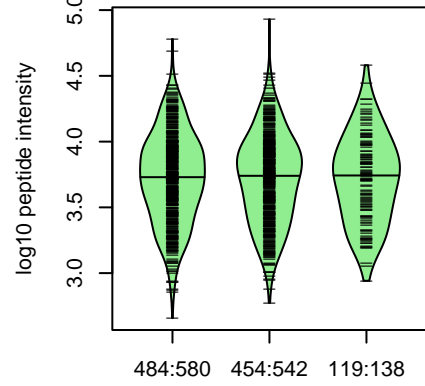
1011:412:391:279:260:250:204:

**SOD2 : NP4
P04179**



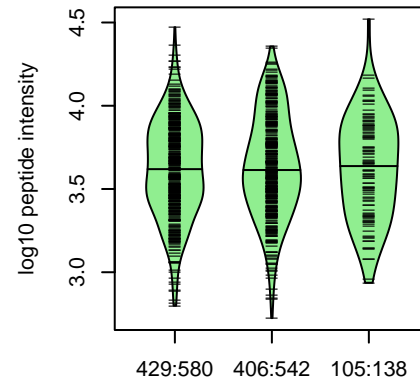
6:160071652:T:G_G
p = 0.57, beta = -0.0248, N = 1120

**HHAAYVNNLVTEEK pc3
9;G5E9P6;P04179-2;P04179-3;P0417**



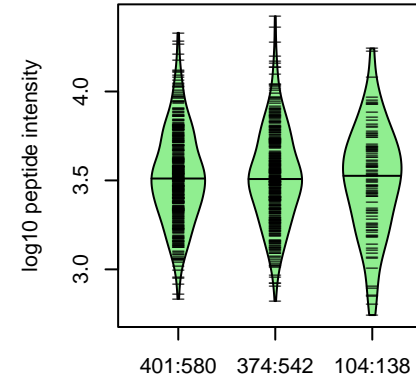
6:160071652:T:G_G
p = 0.87, beta = -0.00741, N = 1057

**GDVTAQIALQPALK pc2
P04179-3;P04179-4;P04179**



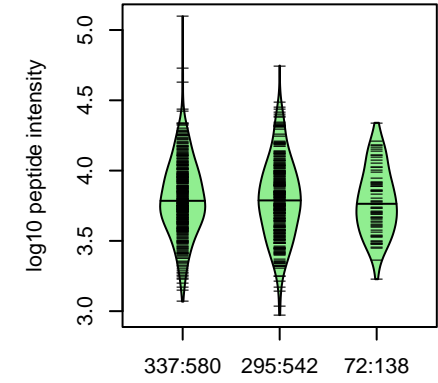
6:160071652:T:G_G
p = 0.72, beta = 0.0173, N = 940

**AIWNVINWENVTER pc2
P04179-2;P04179-3;P04179-4;P0419;G5E9P6;P04179-2;P04179-3;P0417**



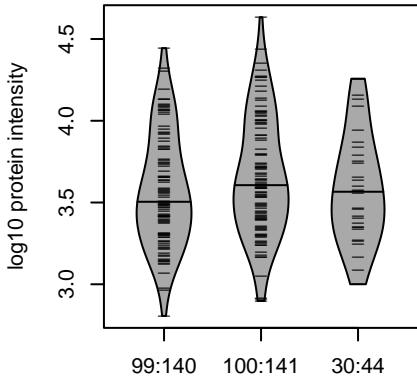
6:160071652:T:G_G
p = 0.4, beta = -0.0419, N = 879

YQEALAK pc2



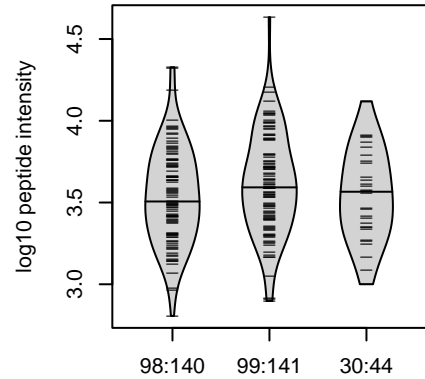
6:160071652:T:G_G
p = 0.55, beta = -0.0335, N = 704

**SOD2 : NP4
P04179**



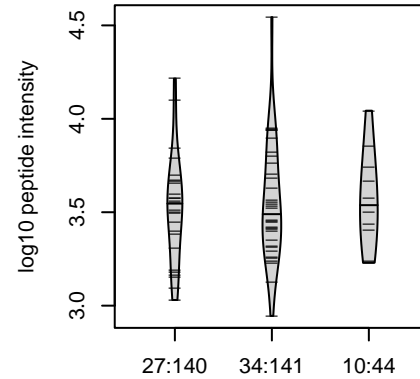
6:160071652:T:G_G
p = 0.29, beta = 0.1, N = 229

**GDVTAQIALQPALK pc2
P04179-3;P04179-4;P04179**



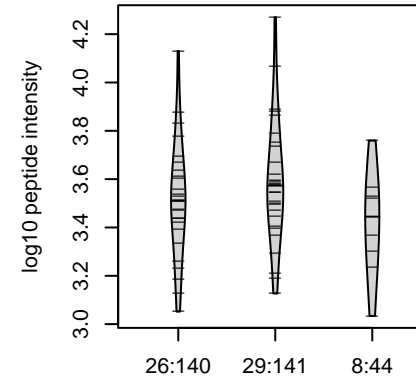
6:160071652:T:G_G
p = 0.34, beta = 0.0904, N = 227

**HHAAYVNNLVTEEK pc3
9;G5E9P6;P04179-2;P04179-3;P0417**



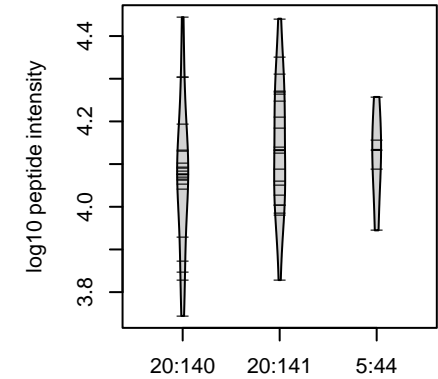
6:160071652:T:G_G
p = 0.62, beta = 0.0832, N = 71

**AIWNVINWENVTER pc2
P04179-2;P04179-3;P04179-4;P0419;G5E9P6;P04179-2;P04179-3;P0417**



6:160071652:T:G_G
p = 1, beta = -0.000864, N = 63

**NVRPDYLK pc2
P04179-2;P04179-3;P04179-4;P0419;G5E9P6;P04179-2;P04179-3;P0417**

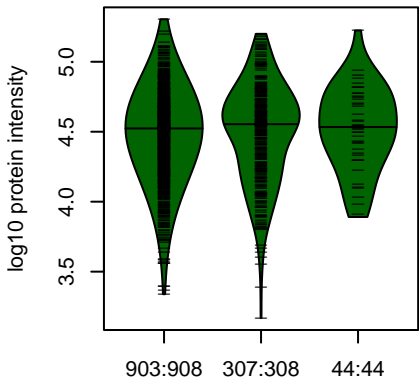


6:160071652:T:G_G
p = 0.37, beta = 0.19, N = 45

Assay Target: SOD2
Olink UniProt: P04179
UKB rsID: rs9457699
Proxy rsID: rs9457699
UKB SNP: 6:160071652:T:G
Proxy SNP: 6:160071652:T:G
UKB log10(p): 130.2
UKB BETA: 0.157

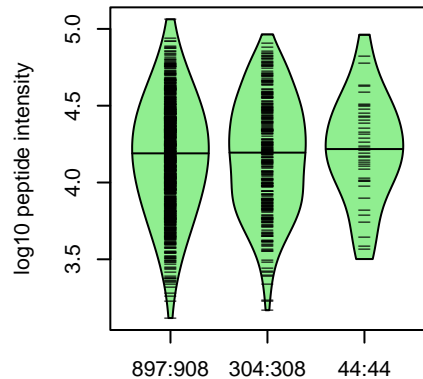
1057:940:879:704:669:475:439:

PSTPIP2 : NP1
Q9H939



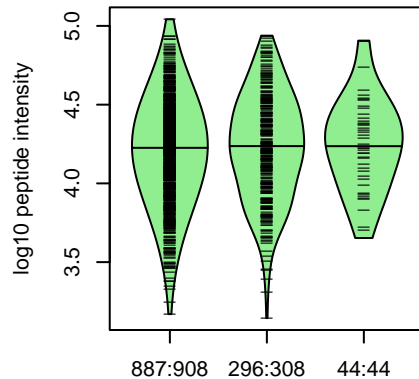
18:43572677:T:A_A
p = 0.37, beta = 0.0473, N = 1254

KTELMDAIHK pc3
Q9H939;Q9H939-2



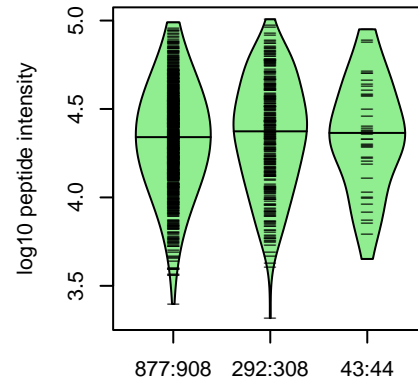
18:43572677:T:A_A
p = 0.47, beta = 0.0378, N = 1245

VREEWQSEHIK pc3
Q9H939;Q9H939-2



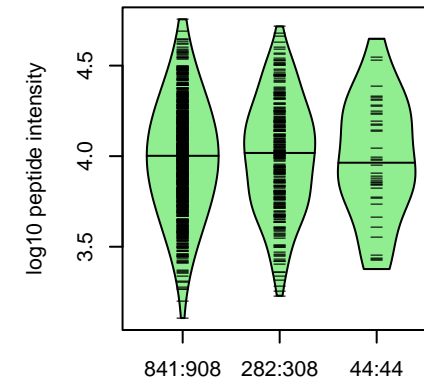
18:43572677:T:A_A
p = 0.11, beta = 0.0852, N = 1227

EFEDFLK pc2
Q9H939;Q9H939-2



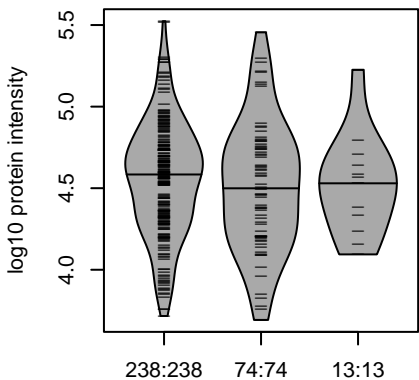
18:43572677:T:A_A
p = 0.28, beta = 0.0578, N = 1212

SANLVNPK pc2
Q9H939;Q9H939-2



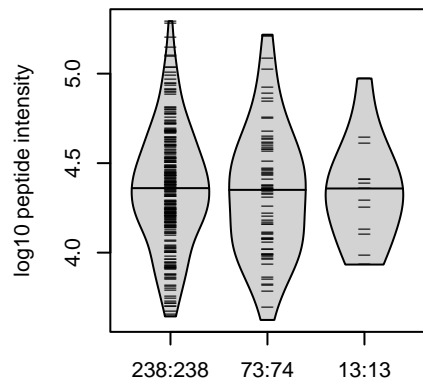
18:43572677:T:A_A
p = 0.68, beta = 0.0223, N = 1167

PSTPIP2 : NP1
Q9H939



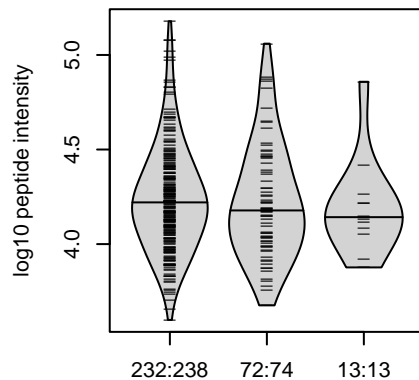
18:43572677:T:A_A
p = 0.74, beta = -0.0341, N = 325

KTELMDAIHK pc3
Q9H939;Q9H939-2



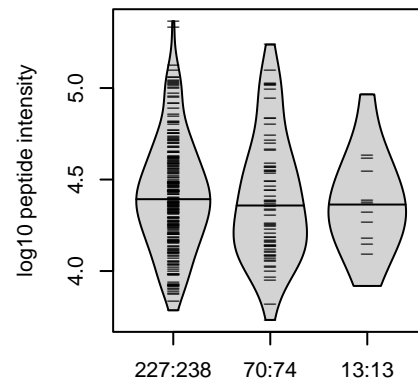
18:43572677:T:A_A
p = 0.77, beta = 0.0294, N = 324

VREEWQSEHIK pc3
Q9H939;Q9H939-2



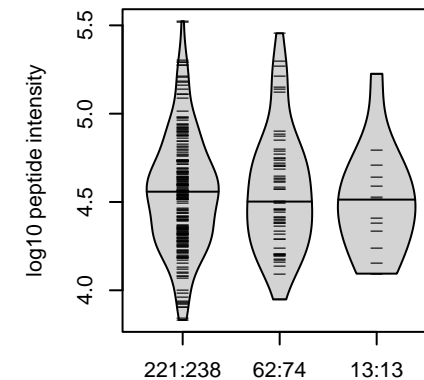
18:43572677:T:A_A
p = 0.99, beta = 0.00168, N = 317

EFEDFLK pc2
Q9H939;Q9H939-2



18:43572677:T:A_A
p = 0.83, beta = 0.0215, N = 310

DLLNLSR pc2
Q9H939;Q9H939-2

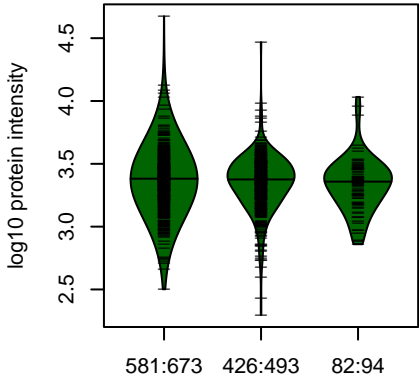


18:43572677:T:A_A
p = 0.7, beta = 0.04, N = 296

Assay Target: PSTPIP2
Olink UniProt: Q9H939
UKB rsID: rs72642434
Proxy rsID: rs72642434
UKB SNP: 18:43572677:T:A
Proxy SNP: 18:43572677:T:A
UKB log10(p): 130.1
UKB BETA: -0.222

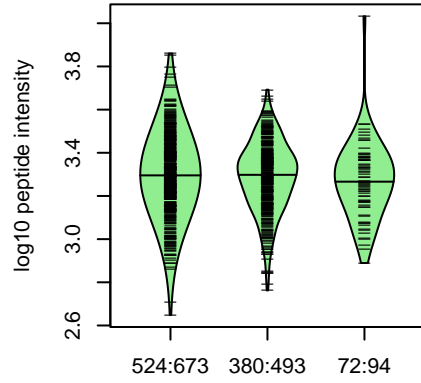
1245:1227:1212:1167:1128:104

ITGAV : NP2
P06756;P06756-2;P06756-3



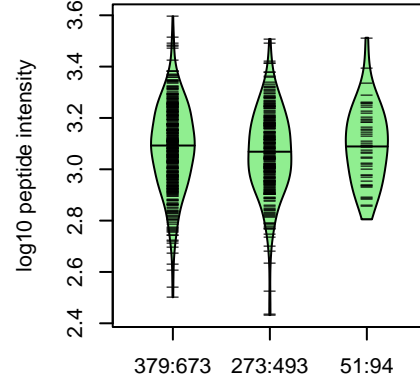
2:187522750:G:T_T
 p = 0.017, beta = -0.113, N = 1089

MFLLVGAPK pc2
P06756-2;P06756-3;P06756



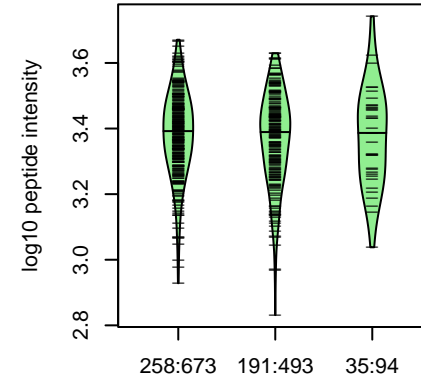
2:187522750:G:T_T
 p = 0.09, beta = -0.0857, N = 976

LQEVGQVSVSLQR pc2
P06756-2;P06756-3;P06756



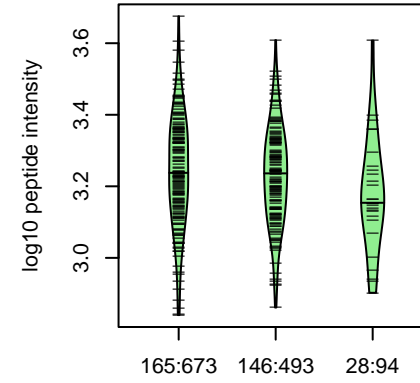
2:187522750:G:T_T
 p = 0.47, beta = -0.043, N = 703

TLGMVYIDGK pc2
P06756-2;P06756-3;P06756



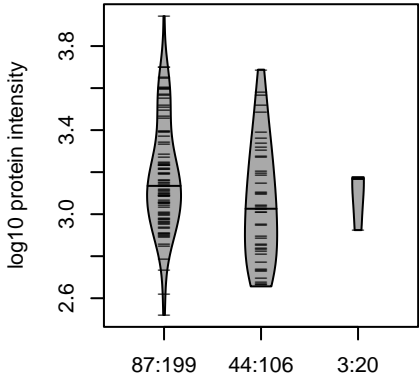
2:187522750:G:T_T
 p = 0.17, beta = -0.098, N = 484

ILACAPLYHWR pc3
P06756-2;P06756-3;P06756



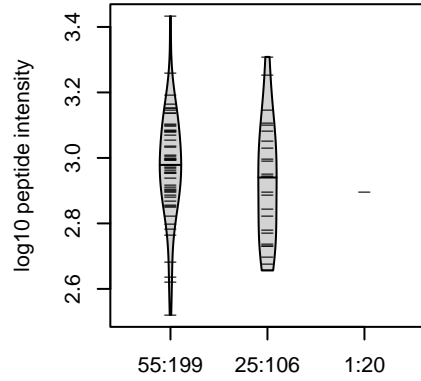
2:187522750:G:T_T
 p = 0.08, beta = -0.147, N = 339

ITGAV : NP2
P06756;P06756-2;P06756-3



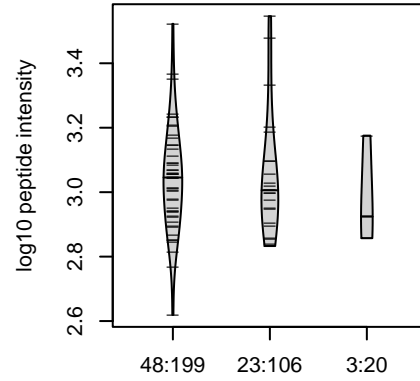
2:187522750:G:T_T
 p = 0.024, beta = -0.357, N = 134

LQEVGQVSVSLQR pc2
P06756-2;P06756-3;P06756



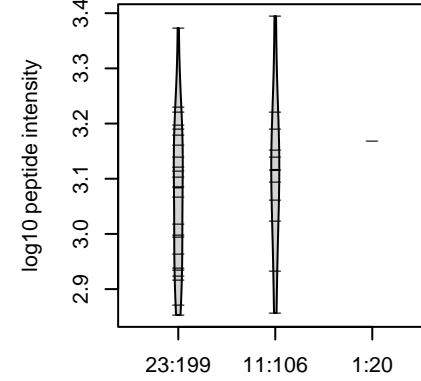
2:187522750:G:T_T
 p = 0.36, beta = -0.2, N = 81

VDLAVLAAVEIR pc2
P06756-2;P06756-3;P06756



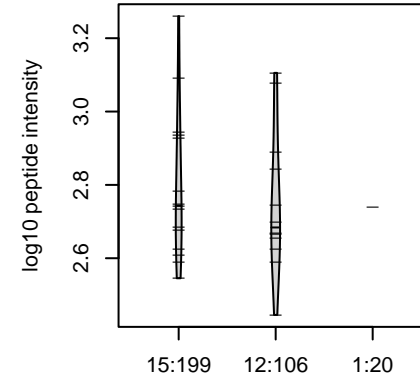
2:187522750:G:T_T
 p = 0.84, beta = 0.0406, N = 74

SLLWTETFMNK pc2
P06756-2;P06756-3;P06756



2:187522750:G:T_T
 p = 0.064, beta = 0.536, N = 35

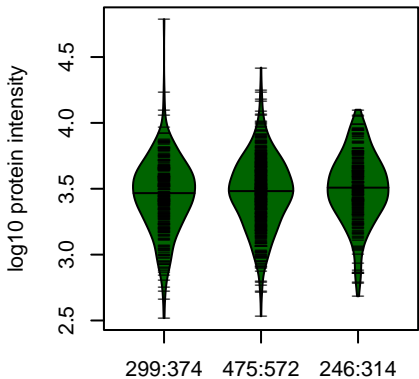
IYIGDDNPLTLIVK pc2
P06756-2;P06756-3;P06756



2:187522750:G:T_T
 p = 0.75, beta = -0.0992, N = 28

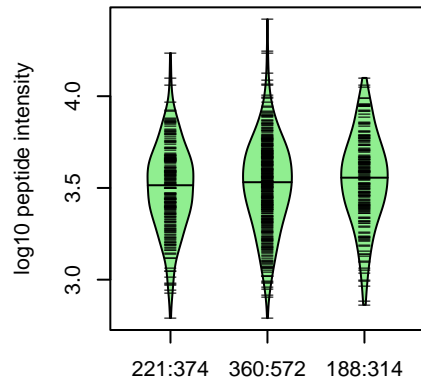
Assay Target: ITGAV
 Olink UniProt: P06756
 UKB rsID: rs13006483
 Proxy rsID: rs13006483
 UKB SNP: 2:187522750:G:T
 Proxy SNP: 2:187522750:G:T
 UKB log10(p): 124.5
 UKB BETA: -0.156
 -----NA
 976:703:484:339:267:256:139:9

**ITGAL : NP1
P20701**



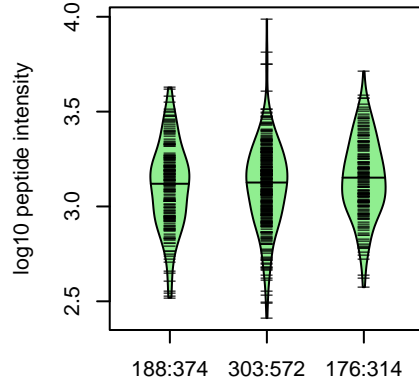
16:30485393:G:C_G
p = 0.08, beta = 0.0747, N = 1020

**DWAGGFLDLK pc2
P20701;P20701-3**



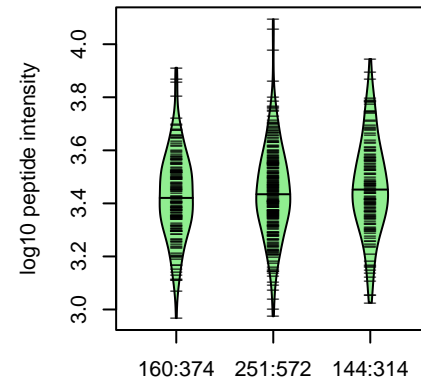
16:30485393:G:C_G
p = 0.19, beta = 0.0639, N = 769

**AGYLG YTVT WLPSR pc2
P20701;P20701-3**



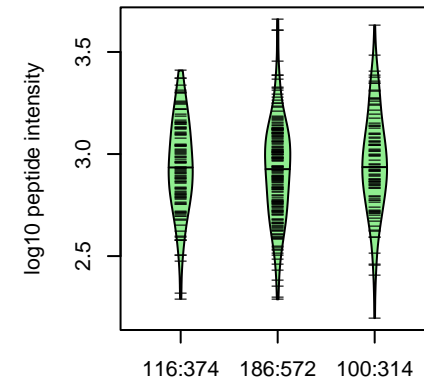
16:30485393:G:C_G
p = 0.23, beta = 0.0619, N = 667

**VDV VYEK pc2
B4E021;P20701;P20701-3**



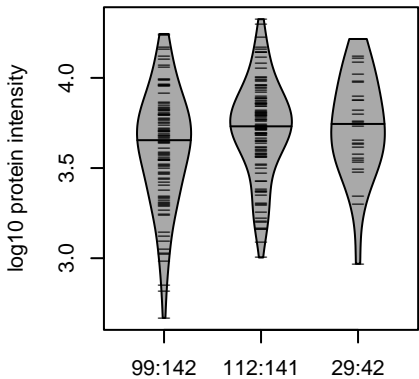
16:30485393:G:C_G
p = 0.2, beta = 0.0736, N = 555

**GHAVVGAVGAK pc2
P20701;P20701-3**



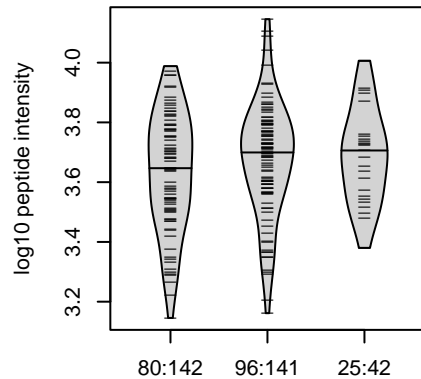
16:30485393:G:C_G
p = 0.83, beta = -0.0145, N = 402

**ITGAL : NP1
P20701;P20701-3**



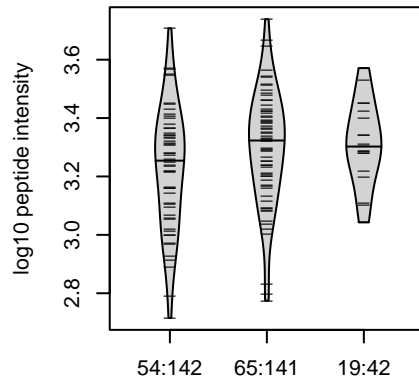
16:30485393:G:C_G
p = 0.019, beta = 0.221, N = 240

**DWAGGFLDLK pc2
P20701;P20701-3**



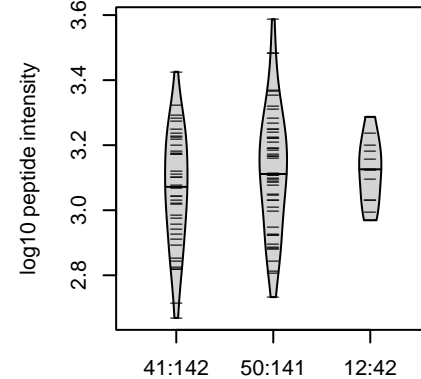
16:30485393:G:C_G
p = 0.24, beta = 0.121, N = 201

**AGYLG YTVT WLPSR pc2
P20701;P20701-3**



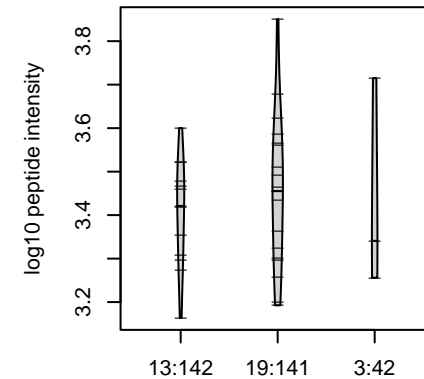
16:30485393:G:C_G
p = 0.019, beta = 0.284, N = 138

**GHAVVGAVGAK pc2
P20701;P20701-3**



16:30485393:G:C_G
p = 0.36, beta = 0.133, N = 103

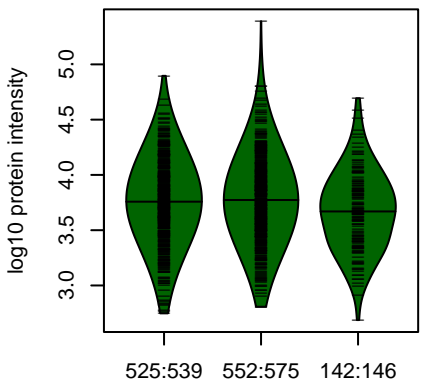
**IEGTQVLSGIQWFR pc2
P20701;P20701-3**



16:30485393:G:C_G
p = 0.82, beta = -0.0589, N = 35

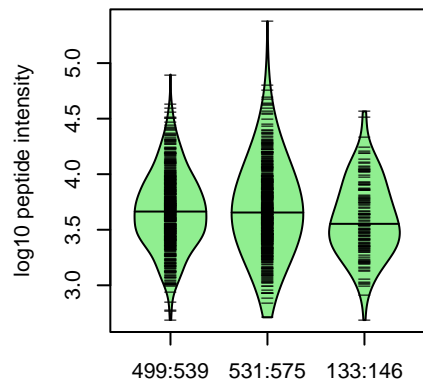
Assay Target: ITGAL
Olink UniProt: P20701
UKB rsID: rs11574938
Proxy rsID: rs11574938
UKB SNP: 16:30485393:G:C
Proxy SNP: 16:30485393:G:C
UKB log10(p): 123.7
UKB BETA: -0.149
- - - - -NA
769:667:555:402:337:264:123:9

**MMP9 : NP5
P14780**



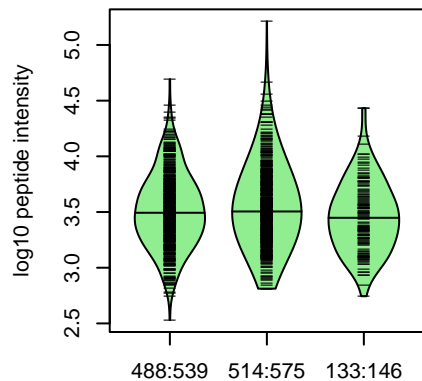
20:44640225:A:G_G
p = 0.15, beta = -0.0607, N = 1219

**SLGPALLLQK pc2
P14780**



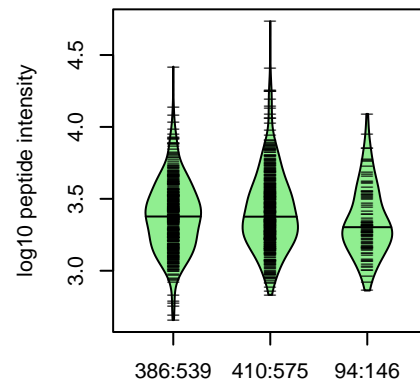
20:44640225:A:G_G
p = 0.15, beta = -0.0624, N = 1163

**LGLGADVAQVTGALR pc2
P14780**



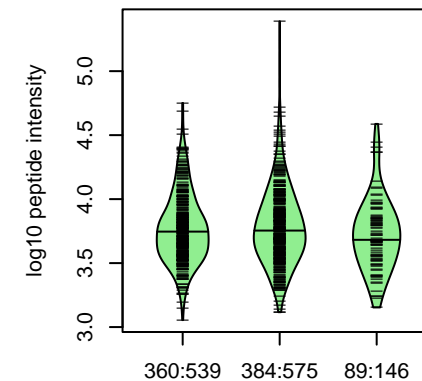
20:44640225:A:G_G
p = 0.89, beta = -0.00637, N = 1135

**QVWVYTGASVLGPR pc2
P14780**



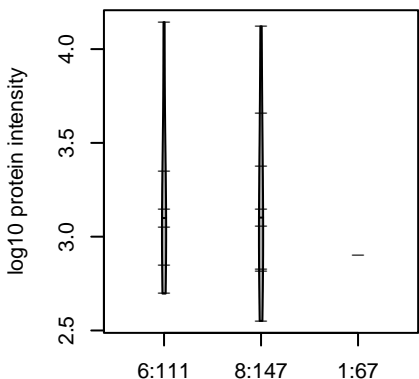
20:44640225:A:G_G
p = 0.65, beta = -0.0233, N = 890

**LFGFCPTR pc2
P14780**



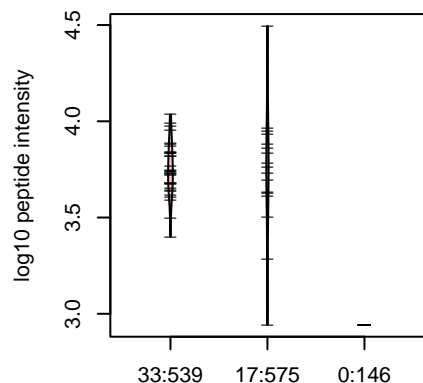
20:44640225:A:G_G
p = 0.33, beta = -0.0512, N = 833

**MMP9 : NP5
P14780**



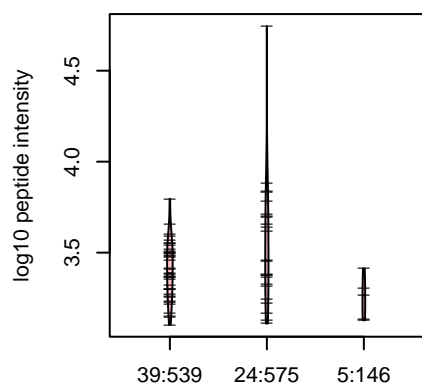
20:44640225:A:G_G
p = 0.69, beta = -0.156, N = 15

**LYTQDGNADGK pc2
rs17576 REF**



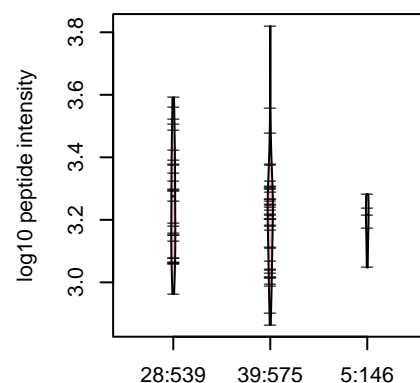
20:44640225:A:G_G
p = 0.0011, model = REC, N = 50

**KLDSVFEER pc2
rs2250889 REF**



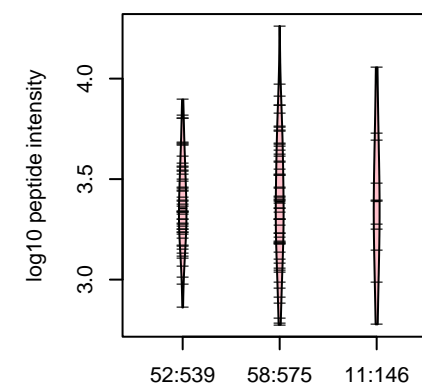
20:44640225:A:G_G
p = 0.016, model = REC, N = 68

**KLDSVFEELSK pc2
rs2250889 ALT**



20:44640225:A:G_G
p = 0.26, model = DOM, N = 72

**KLDSVFEELSK pc3
rs2250889 ALT**

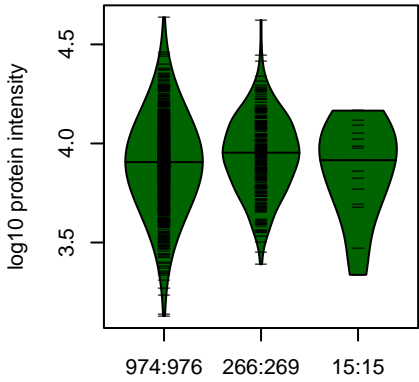


20:44640225:A:G_G
p = 0.46, model = DOM, N = 121

Assay Target: MMP9
Olink UniProt: P14780
UKB rsID: rs17576
Proxy rsID: rs17576
UKB SNP: 20:44640225:A:G
Proxy SNP: 20:44640225:A:G
UKB log10(p): 116.2
UKB BETA: 0.144

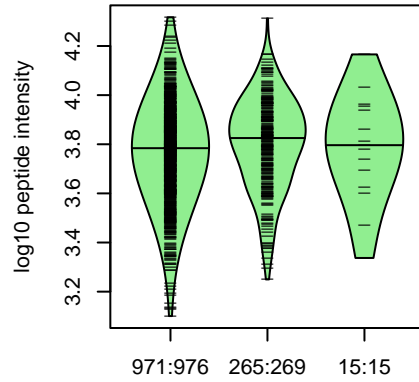
1163:1135:890:833:704:679:657

**CRIP2 : NP1
P52943**



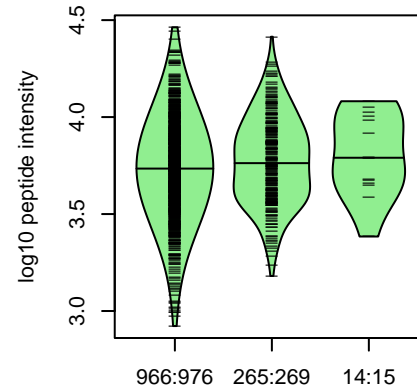
14:105917816:G:C_C
p = 0.029, beta = 0.135, N = 1255

**GVNIGGAGSYIYEK pc2
P52943;P52943-2**



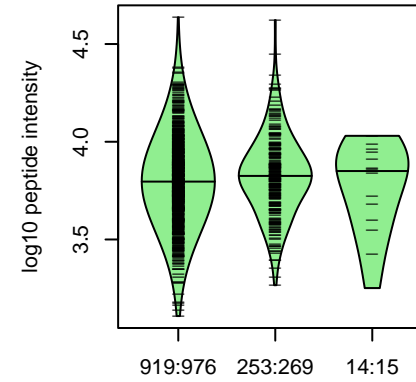
14:105917816:G:C_C
p = 0.019, beta = 0.145, N = 1251

**PCYGILFGPK pc2
P52943;P52943-2**



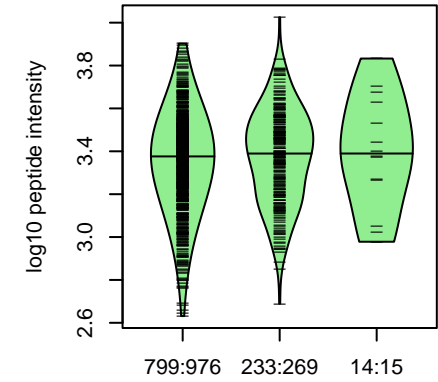
14:105917816:G:C_C
p = 0.027, beta = 0.138, N = 1245

**PCYATLFGPK pc2
P52943;P52943-2**



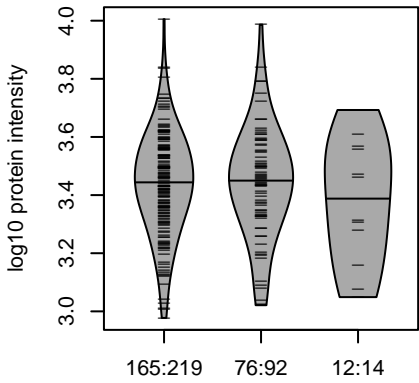
14:105917816:G:C_C
p = 0.36, beta = 0.0583, N = 1186

**TLTPGGHAEHDGQPYCHK pc3
P52943;P52943-2**



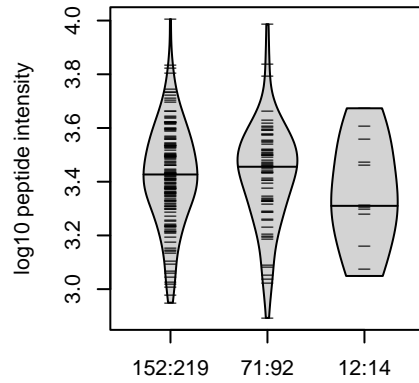
14:105917816:G:C_C
p = 0.075, beta = 0.118, N = 1046

**CRIP2 : NP1
P52943-2**



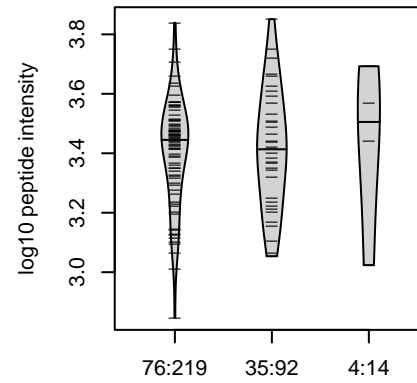
14:105917816:G:C_C
p = 0.97, beta = 0.00464, N = 253

**GVNIGGAGSYIYEK pc2
P52943;P52943-2**



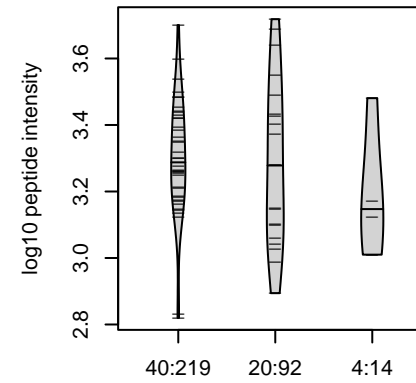
14:105917816:G:C_C
p = 0.7, beta = -0.0429, N = 235

**PCYGILFGPK pc2
P52943;P52943-2**



14:105917816:G:C_C
p = 0.47, beta = 0.119, N = 115

**ASSVTFTGEPNT CPR pc2
P52943;P52943-2**

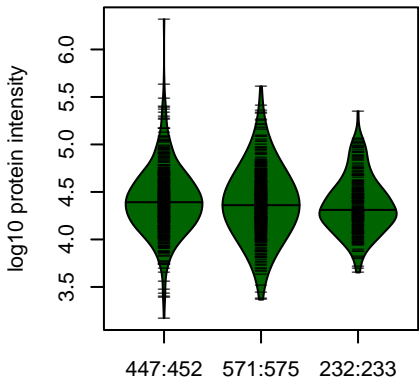


14:105917816:G:C_C
p = 0.43, beta = -0.154, N = 64

Assay Target: CRIP2
Olink UniProt: P52943
UKB rsID: rs80324969
Proxy rsID: rs80324969
UKB SNP: 14:105917816:G:C
Proxy SNP: 14:105917816:G:C
UKB log10(p): 112.5
UKB BETA: 0.185

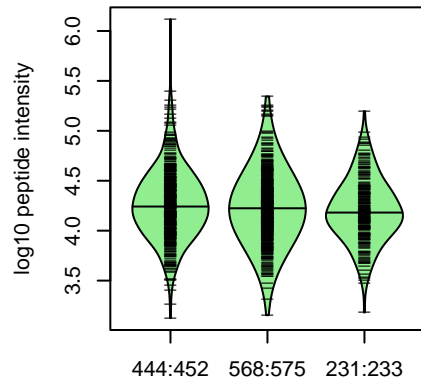
1251:1245:1186:1046:1013:674

PRSS2 : NP2
A0A0J9YYC8;A6XMV9;P07478



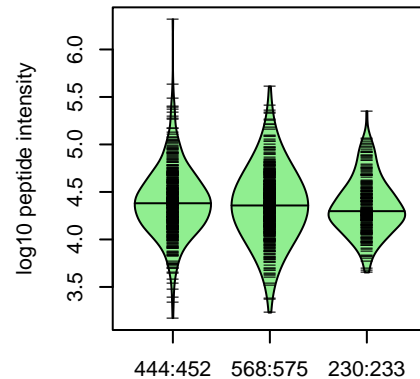
7:142470574:A:G_G
p = 0.14, beta = -0.0579, N = 1250

LSSPAVINSR pc2
A0A0J9YYC8;A6XMV9;P07478



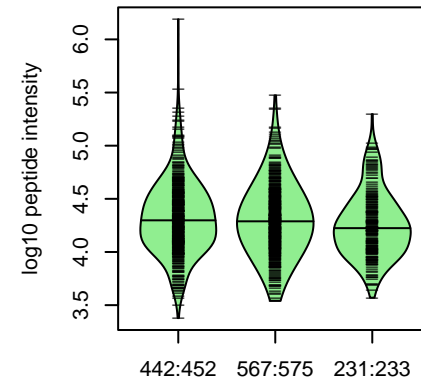
7:142470574:A:G_G
p = 0.03, beta = -0.0856, N = 1243

TLDNDILLIK pc2
A0A0J9YYC8;A6XMV9;P07478



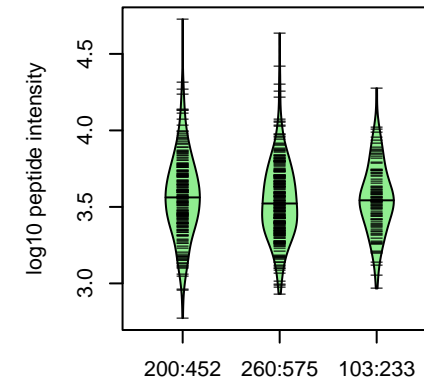
7:142470574:A:G_G
p = 0.12, beta = -0.0611, N = 1242

VYNYVDWIK pc2
'P0MNE9;A0A7P0MP65;A6XMV9;P35CYC8;A6XMV9;E7EQ64;P07477;P07478



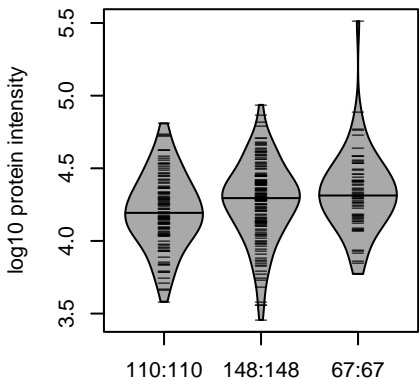
7:142470574:A:G_G
p = 0.037, beta = -0.0821, N = 1240

LGEHNIEVLEGNEQFINAAK pc3
'P0MNE9;A0A7P0MP65;A6XMV9;P35CYC8;A6XMV9;E7EQ64;P07477;P07478



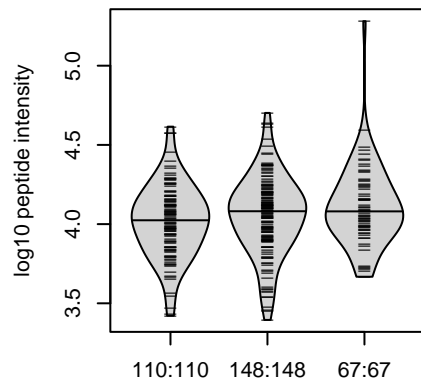
7:142470574:A:G_G
p = 0.9, beta = -0.00765, N = 563

PRSS2 : NP2
A0A0J9YYC8;A6XMV9;P07478



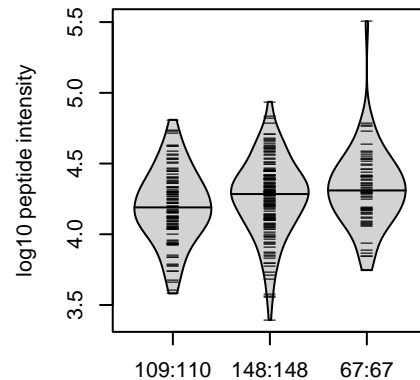
7:142470574:A:G_A
p = 0.0029, beta = 0.224, N = 325

LSSPAVINSR pc2
A0A0J9YYC8;A6XMV9;P07478



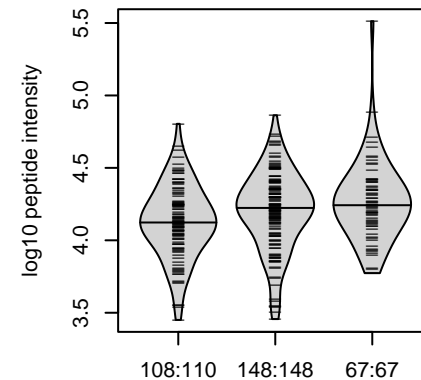
7:142470574:A:G_A
p = 0.0053, beta = 0.209, N = 325

TLDNDILLIK pc2
A0A0J9YYC8;A6XMV9;P07478



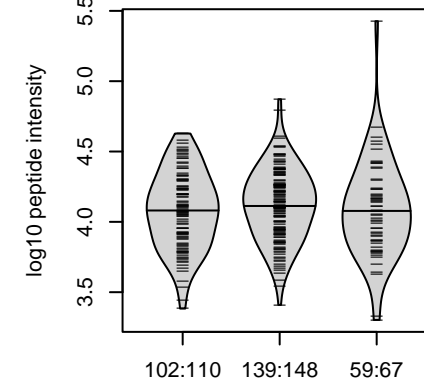
7:142470574:A:G_A
p = 0.0041, beta = 0.216, N = 324

VYNYVDWIK pc2
'P0MNE9;A0A7P0MP65;A6XMV9;P35CYC8;A6XMV9;E7EQ64;P07477;P07478



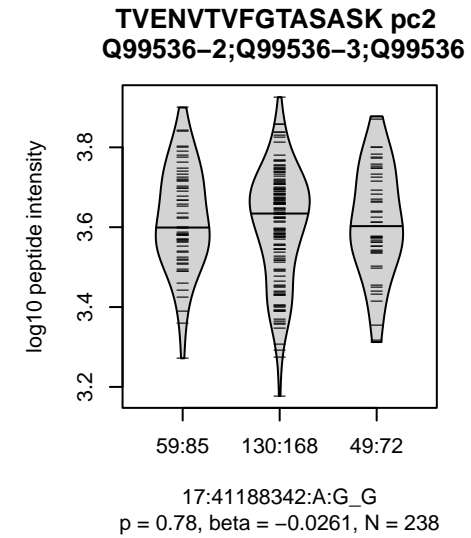
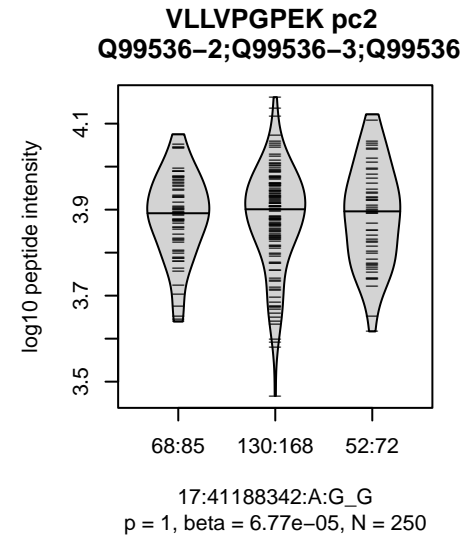
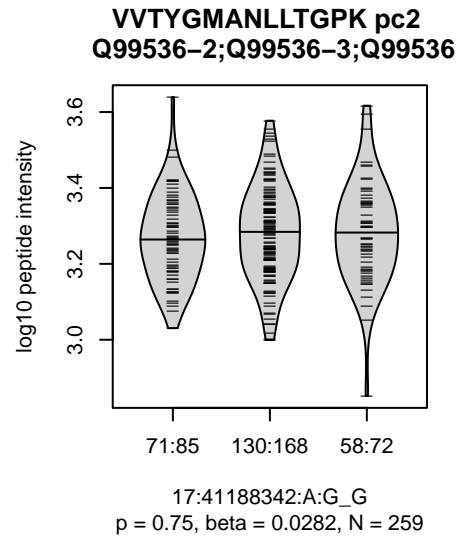
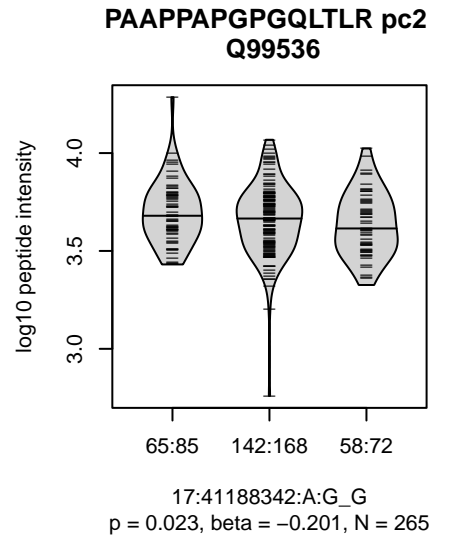
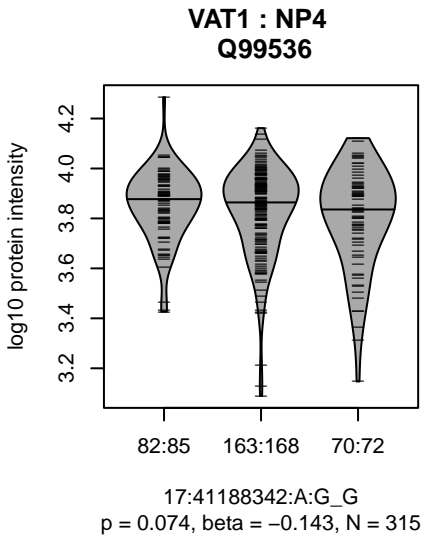
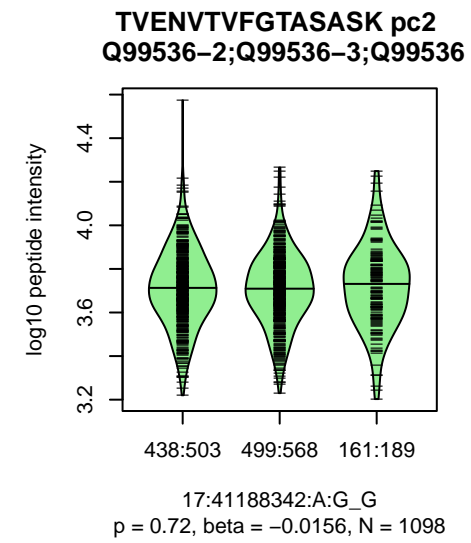
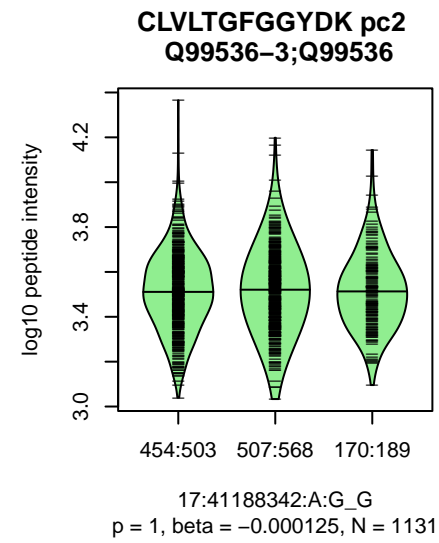
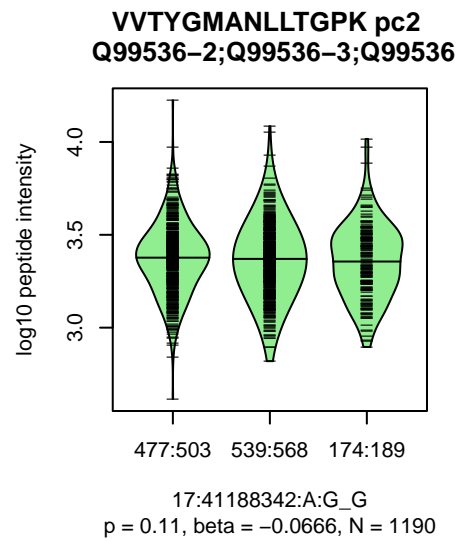
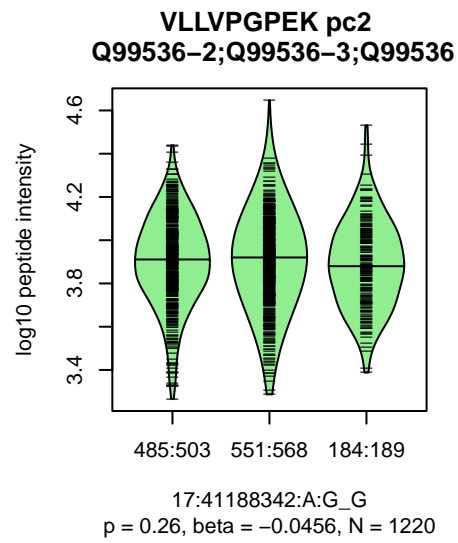
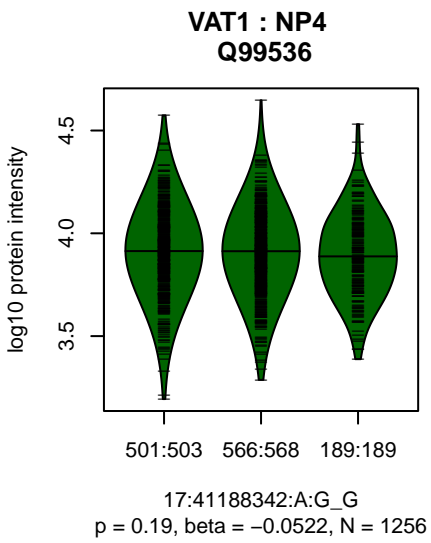
7:142470574:A:G_A
p = 0.0015, beta = 0.239, N = 323

LGEHNIEVLEGNEQFINAAK pc3
'P0MNE9;A0A7P0MP65;A6XMV9;P35CYC8;A6XMV9;E7EQ64;P07477;P07478



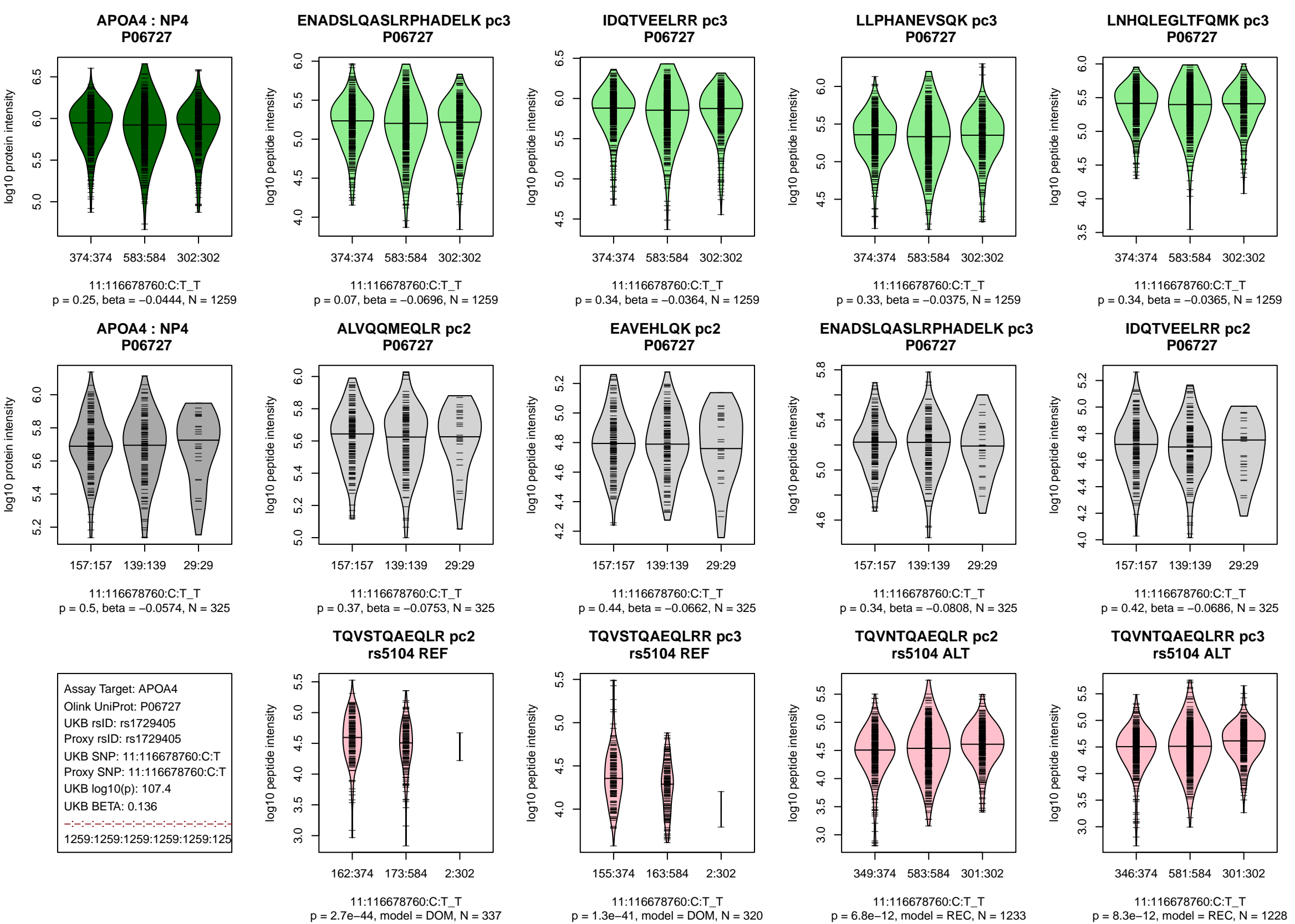
7:142470574:A:G_A
p = 0.58, beta = 0.0443, N = 300

Assay Target: PRSS2
Olink UniProt: P07478
UKB rsID: rs3752404
Proxy rsID: rs3752404
UKB SNP: 7:142470574:A:G
Proxy SNP: 7:142470574:A:G
UKB log10(p): 110
UKB BETA: -0.137
- - - - -
1243:1242:1240:563:425

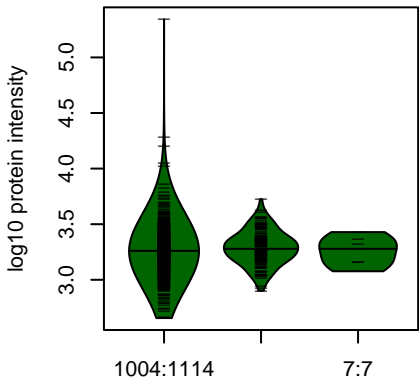


Assay Target: VAT1
 Olink UniProt: Q99536
 UKB rsID: rs9911630
 Proxy rsID: rs9911630
 UKB SNP: 17:41188342:A:G
 Proxy SNP: 17:41188342:A:G
 UKB log10(p): 109.3
 UKB BETA: -0.145

 1220:1190:1131:1098:1028:973

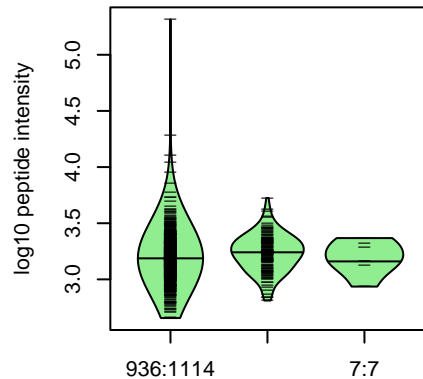


S100A11 : NP2
P31949



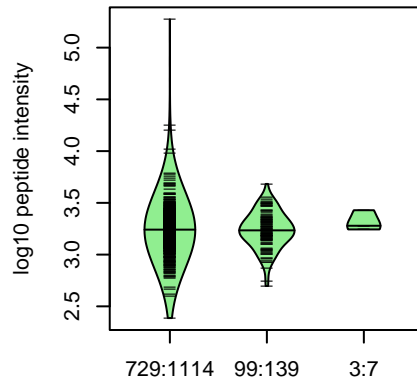
1:152012517:G:C_C
 $p = 0.46$, $\beta = 0.0613$, $N = 1144$

CIESLIAVFQK pc2
P31949



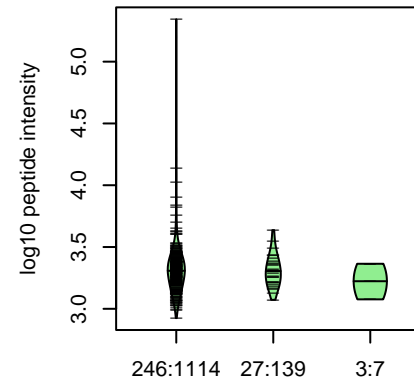
1:152012517:G:C_C
 $p = 0.077$, $\beta = 0.149$, $N = 1073$

TEFLSFMNTELAFTK pc2
P31949



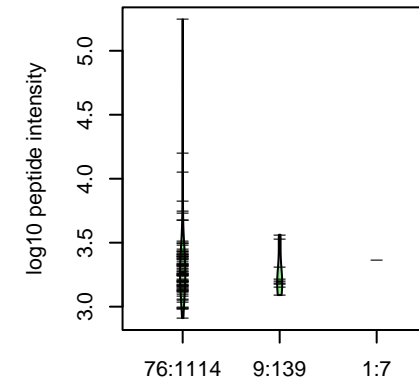
1:152012517:G:C_C
 $p = 0.44$, $\beta = -0.0775$, $N = 831$

ISSPTETER pc2
P31949



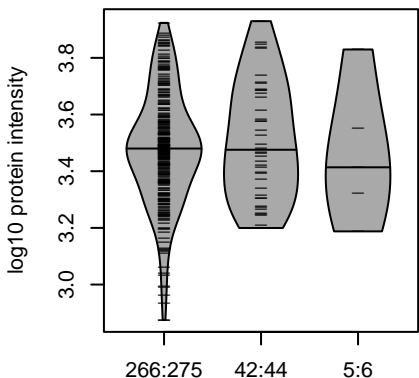
1:152012517:G:C_C
 $p = 0.53$, $\beta = -0.106$, $N = 276$

DGYNYTLSK pc2
P31949



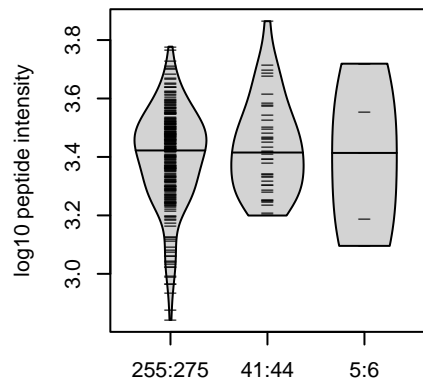
1:152012517:G:C_C
 $p = 0.57$, $\beta = -0.162$, $N = 86$

S100A11 : NP2
P31949



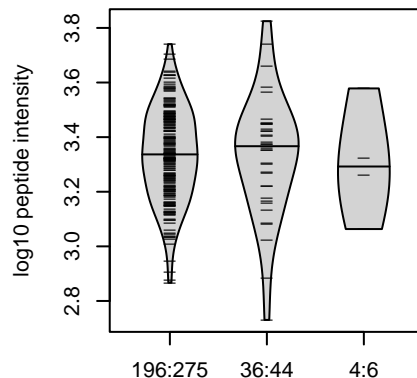
1:152012517:G:C_C
 $p = 0.51$, $\beta = 0.0896$, $N = 313$

CIESLIAVFQK pc2
P31949



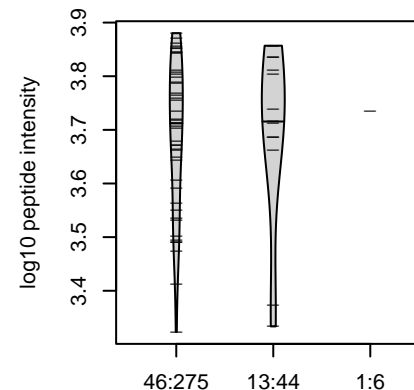
1:152012517:G:C_C
 $p = 0.28$, $\beta = 0.147$, $N = 301$

TEFLSFMNTELAFTK pc2
P31949



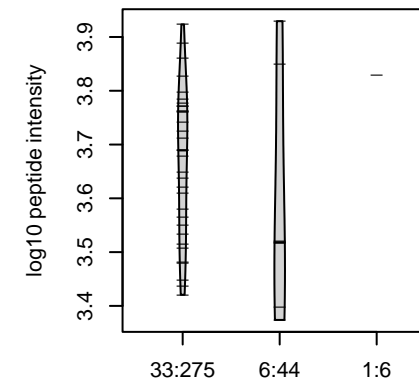
1:152012517:G:C_C
 $p = 0.74$, $\beta = 0.0492$, $N = 236$

DGYNYTLSK pc2
P31949



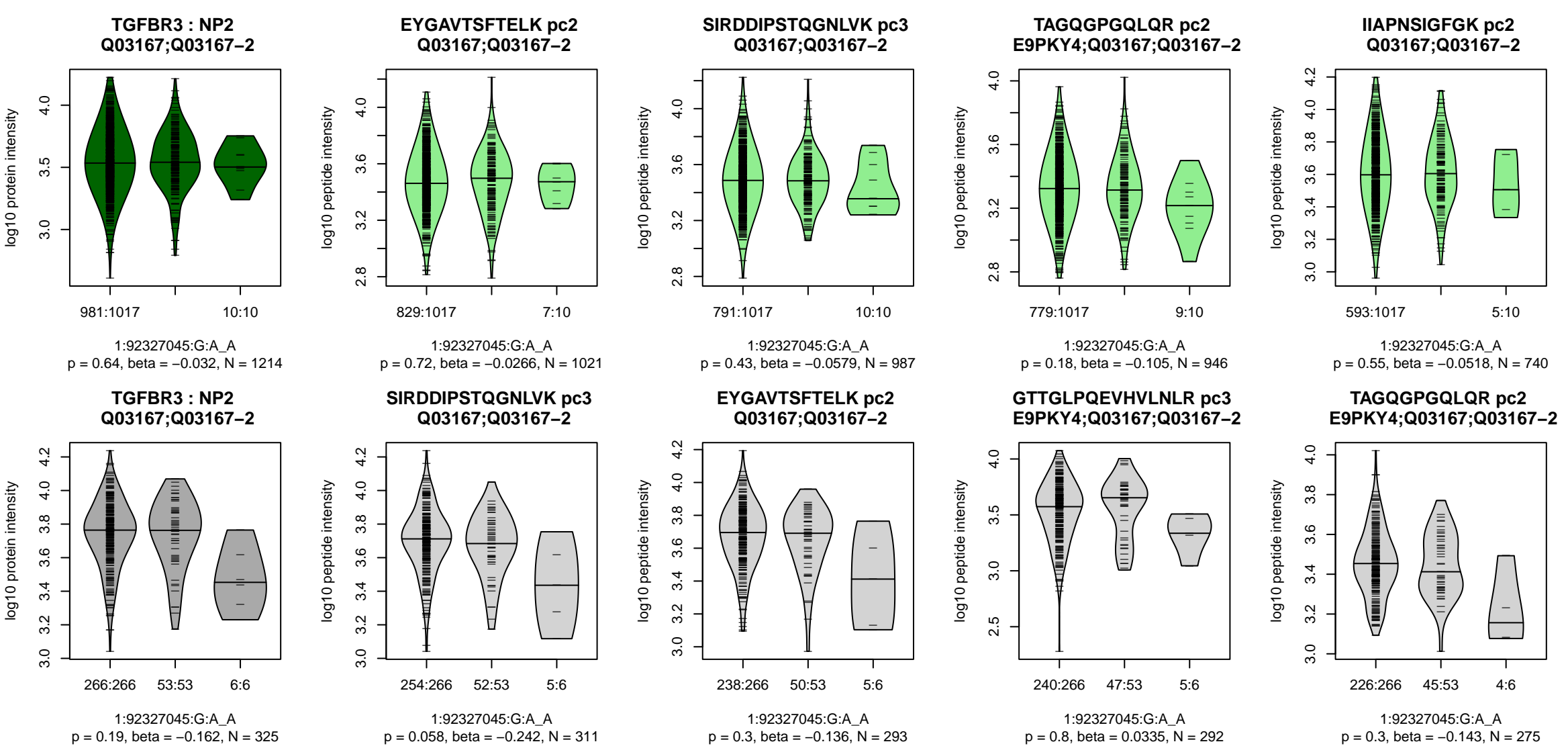
1:152012517:G:C_C
 $p = 0.95$, $\beta = 0.0168$, $N = 60$

ISSPTETER pc2
P31949



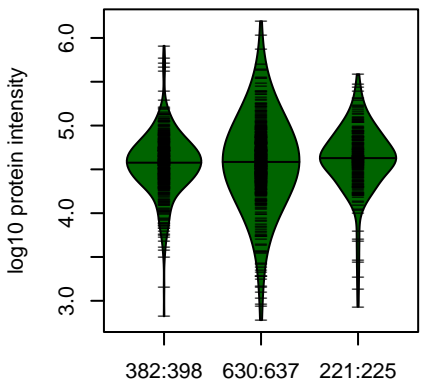
1:152012517:G:C_C
 $p = 0.78$, $\beta = 0.0901$, $N = 40$

Assay Target: S100A11
Olink UniProt: P31949
UKB rsID: rs3007678
Proxy rsID: rs3007678
UKB SNP: 1:152012517:G:C
Proxy SNP: 1:152012517:G:C
UKB log10(p): 106.8
UKB BETA: 0.31
-:-:-:-
1073:831:276:86



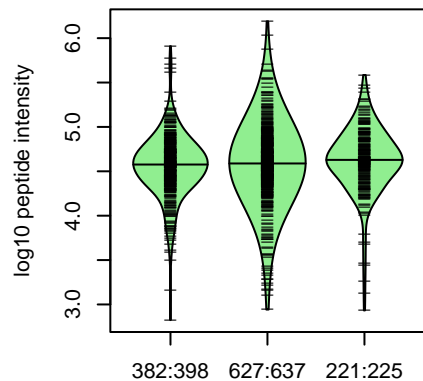
Assay Target: TGFBR3
 Olink UniProt: Q03167
 UKB rsID: rs1805110
 Proxy rsID: rs1805110
 UKB SNP: 1:92327045:G:A
 Proxy SNP: 1:92327045:G:A
 UKB log10(p): 106.6
 UKB BETA: -0.234
 - - - - -
 1021:987:946:740:437:392:251

**SDC1 : NP2
P18827**



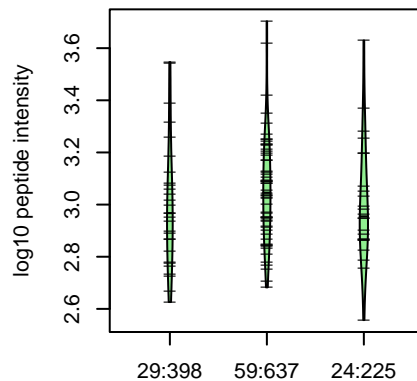
2:20371380:G:A_A
 $p = 0.037$, $\beta = 0.0859$, $N = 1233$

**EGEAVVLPEVEPGLTAR pc2
E9PHH3;P18827**



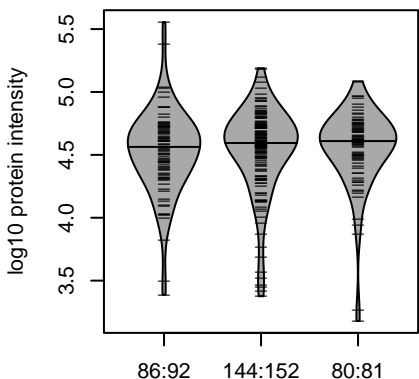
2:20371380:G:A_A
 $p = 0.032$, $\beta = 0.0882$, $N = 1230$

**NQSPVDQGATGASQGLLDRK pc3
P18827**



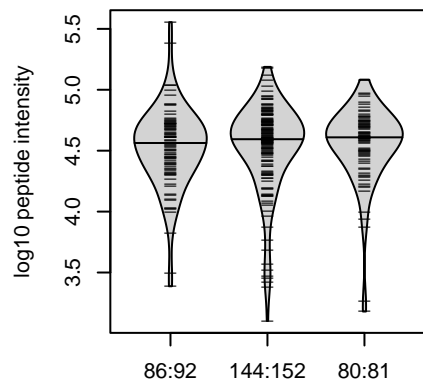
2:20371380:G:A_A
 $p = 0.58$, $\beta = 0.0738$, $N = 112$

**SDC1 : NP2
P18827**



2:20371380:G:A_A
 $p = 0.51$, $\beta = 0.0509$, $N = 310$

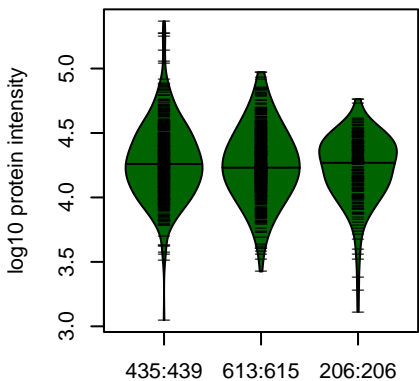
**EGEAVVLPEVEPGLTAR pc2
E9PHH3;P18827**



2:20371380:G:A_A
 $p = 0.52$, $\beta = 0.049$, $N = 310$

Assay Target: SDC1
Olink UniProt: P18827
UKB rsID: rs907866
Proxy rsID: rs907866
UKB SNP: 2:20371380:G:A
Proxy SNP: 2:20371380:G:A
UKB log10(p): 106.1
UKB BETA: 0.131
-:-:-
1230:112:53

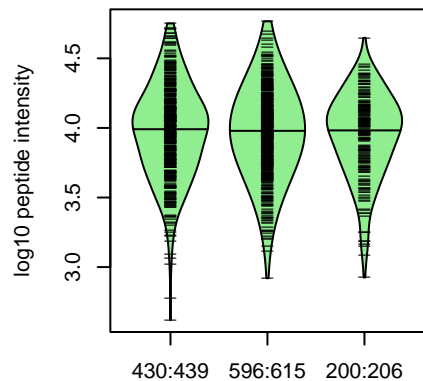
IQGAP2 : NP1
Q13576



5:75930640:G:A_G
 $p = 0.086$, $\beta = -0.0698$, $N = 1254$

TEISLVLTSK pc2

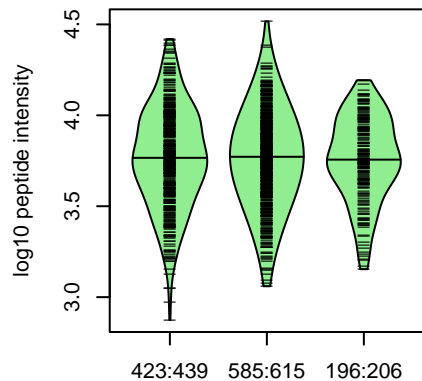
BI5KRM2;F5H7S7;Q13576;Q13576-2;C



5:75930640:G:A_G
 $p = 0.34$, $\beta = -0.0389$, $N = 1226$

GVLLDIDDLQTNQFK pc2

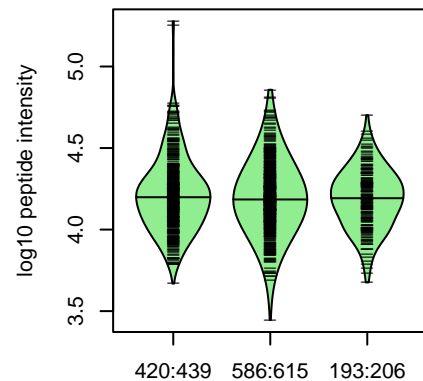
F5H7S7;Q13576;Q13576-2;Q13576;F5H7S7;H0YLE8;Q13576;Q13576-2;C



5:75930640:G:A_G
 $p = 0.57$, $\beta = -0.0233$, $N = 1204$

LIFQMPQNK pc2

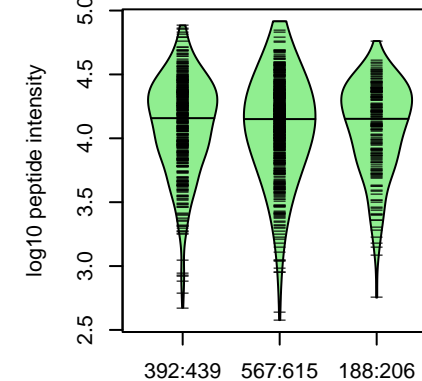
F5H7S7;Q13576;Q13576-2;Q13576;F5H7S7;H0YLE8;Q13576;Q13576-2;C



5:75930640:G:A_G
 $p = 0.51$, $\beta = -0.0276$, $N = 1199$

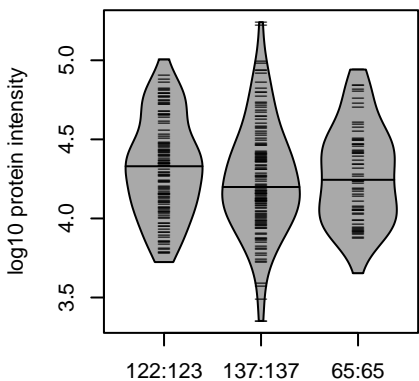
LIIDVIR pc2

F5H7S7;Q13576;Q13576-2;Q13576;F5H7S7;H0YLE8;Q13576;Q13576-2;C



5:75930640:G:A_G
 $p = 0.36$, $\beta = -0.0389$, $N = 1147$

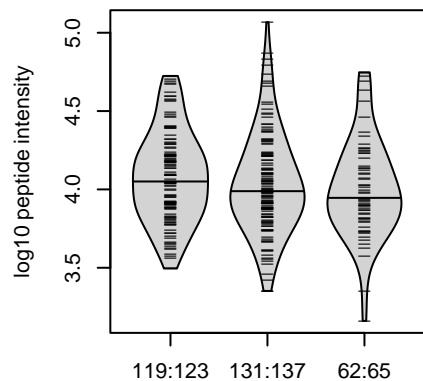
IQGAP2 : NP1
Q13576



5:75930640:G:A_G
 $p = 0.084$, $\beta = -0.128$, $N = 324$

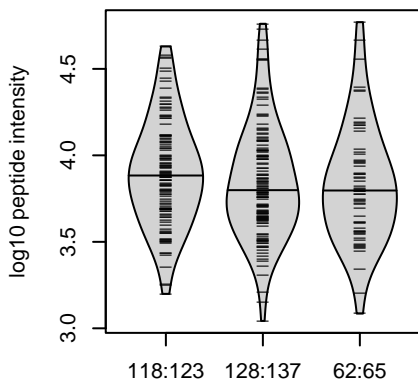
YQDILNEIAK pc2

F5H7S7;Q13576;Q13576-2;Q13576;BI5KRM2;F5H7S7;Q13576;Q13576-2;C



5:75930640:G:A_G
 $p = 0.063$, $\beta = -0.14$, $N = 312$

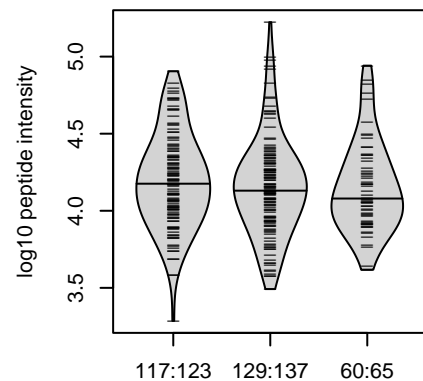
TEISLVLTSK pc2



5:75930640:G:A_G
 $p = 0.076$, $\beta = -0.134$, $N = 308$

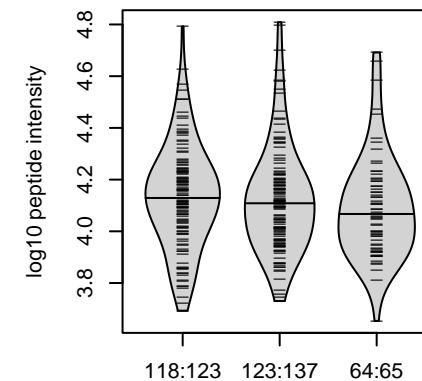
LIIDVIR pc2

F5H7S7;Q13576;Q13576-2;Q13576;F5H7S7;H0YLE8;Q13576;Q13576-2;C



5:75930640:G:A_G
 $p = 0.18$, $\beta = -0.103$, $N = 306$

LIFQMPQNK pc2

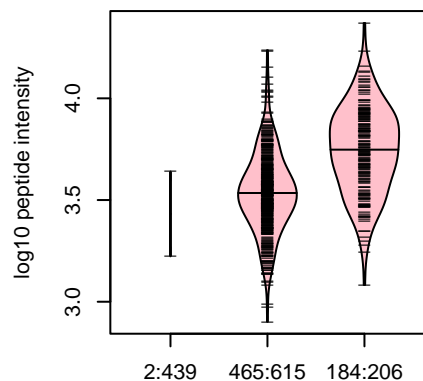


5:75930640:G:A_G
 $p = 0.13$, $\beta = -0.114$, $N = 305$

Assay Target: IQGAP2
Olink UniProt: Q13576
UKB rsID: rs10037254
Proxy rsID: rs10037254
UKB SNP: 5:75930640:G:A
Proxy SNP: 5:75930640:G:A
UKB log10(p): 105.1
UKB BETA: 0.136

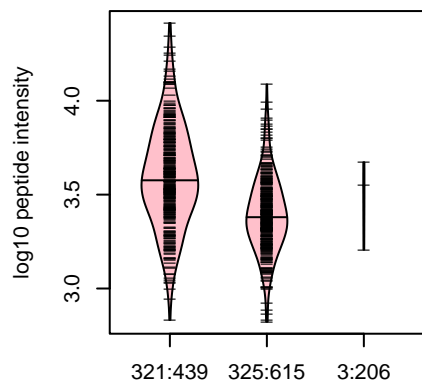
1226:1204:1199:1147:1142:111

ESSWTPESCLYK pc2
rs2455230 REF



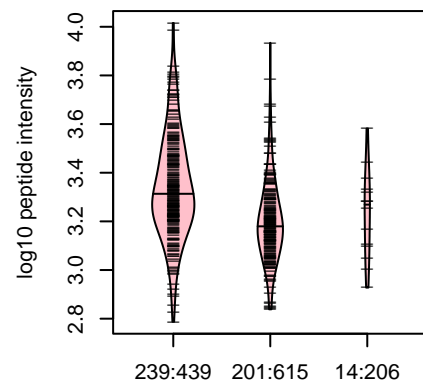
5:75930640:G:A_G
 $p = 1.5e-191$, $\text{model} = \text{REC}$, $N = 651$

ESSWTPESCFYK pc2
rs2455230 ALT



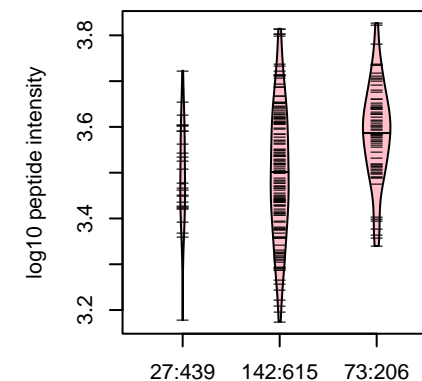
5:75930640:G:A_G
 $p = 7.5e-68$, $\text{model} = \text{DOM}$, $N = 649$

QTFIDNTDSVVK pc2
rs2431363 ALT

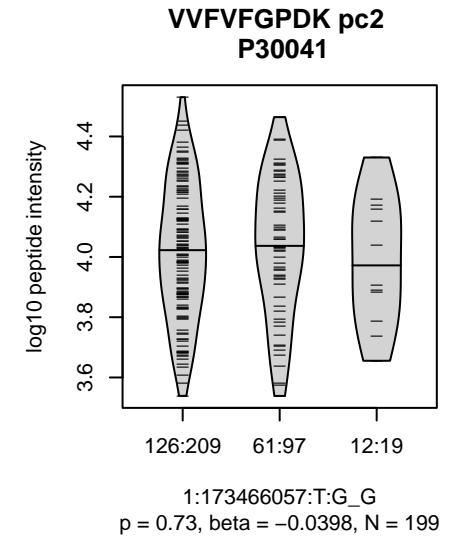
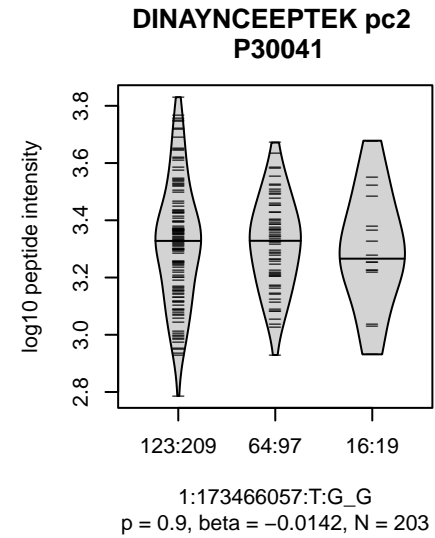
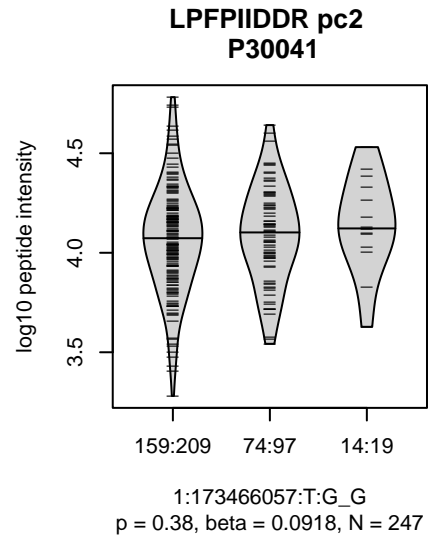
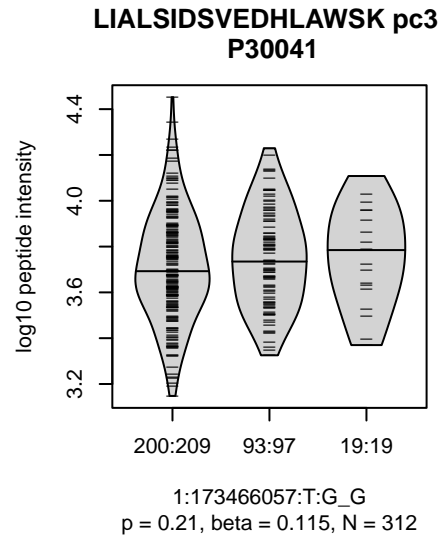
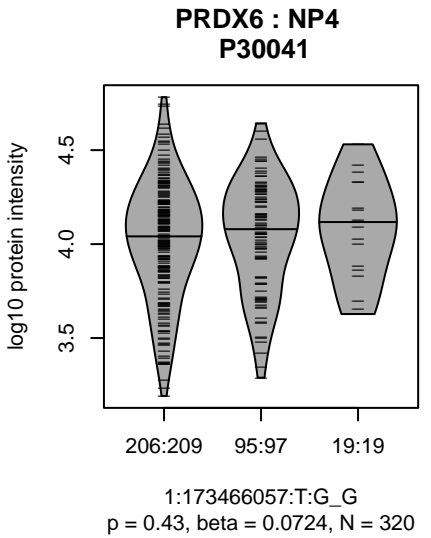
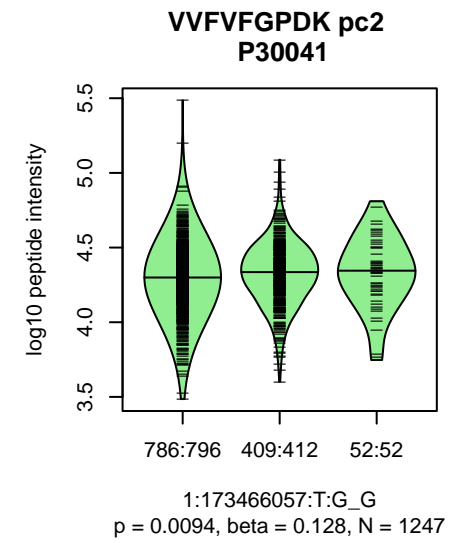
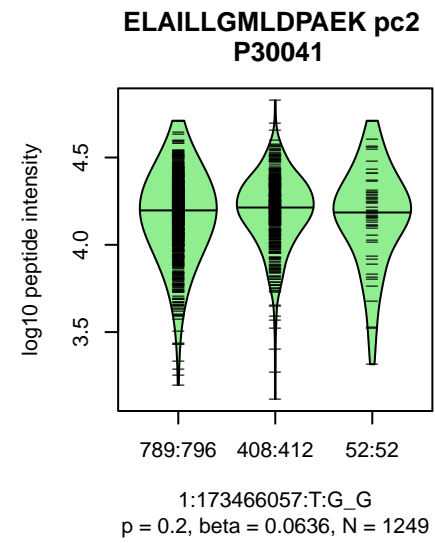
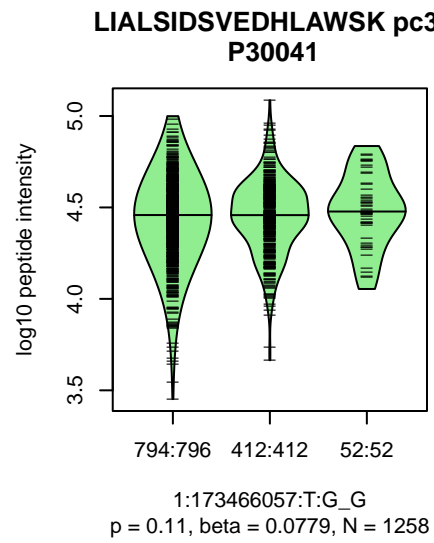
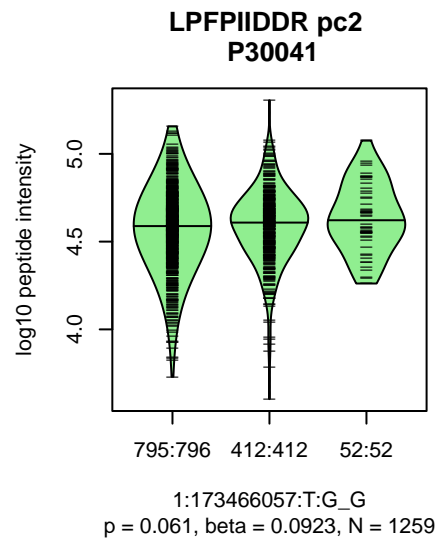
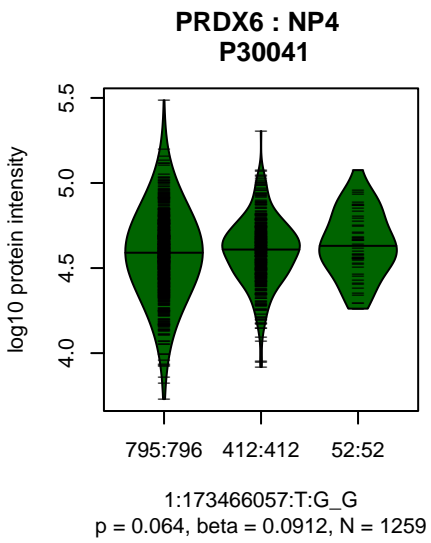


5:75930640:G:A_G
 $p = 6e-26$, $\text{model} = \text{DOM}$, $N = 454$

QTFIDNTDSIVK pc2
rs2431363 REF



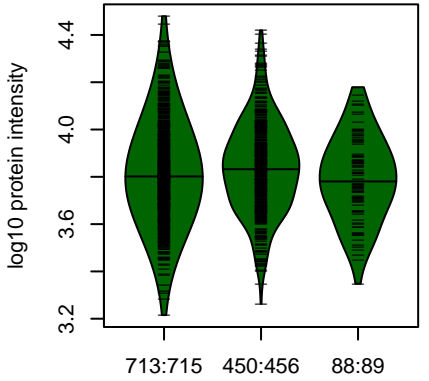
5:75930640:G:A_G
 $p = 3.5e-20$, $\text{model} = \text{REC}$, $N = 242$



Assay Target: PRDX6
 Olink UniProt: P30041
 UKB rsID: rs7524592
 Proxy rsID: rs7524592
 UKB SNP: 1:173466057:T:G
 Proxy SNP: 1:173466057:T:G
 UKB log10(p): 104.6
 UKB BETA: 0.169

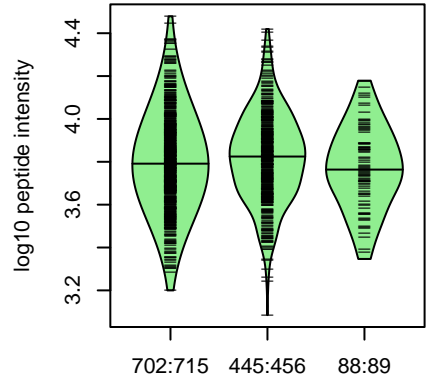
 1259:1258:1249:1247:1154:112

**MCFD2 : NP2
Q8NI22-2**



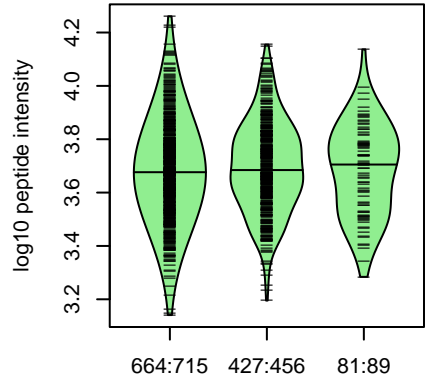
2:47152291:G:C_G
 $p = 0.99$, $\beta = 0.00057$, $N = 1251$

**MHDYDGNLLDGLELSTAITHVHK p1
A0A3B3IU18;Q8NI22;Q8NI22-2;Q8NI22-3**



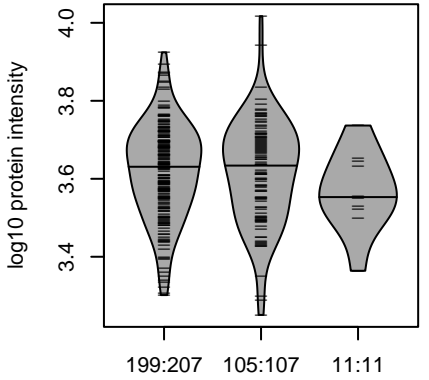
2:47152291:G:C_G
 $p = 0.95$, $\beta = -0.00281$, $N = 1235$

**NNDGYIDYAEFAK pc2
Q8NI22;Q8NI22-2;Q8NI22-3**



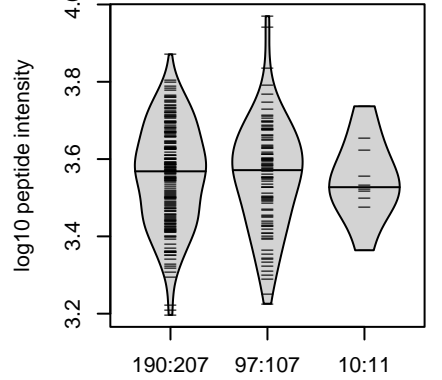
2:47152291:G:C_G
 $p = 0.61$, $\beta = 0.0235$, $N = 1172$

**MCFD2 : NP2
Q8NI22-2**



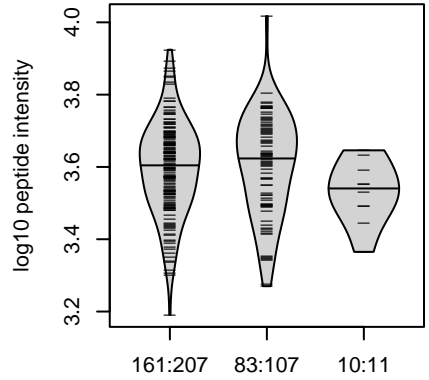
2:47152291:G:C_G
 $p = 0.56$, $\beta = -0.0589$, $N = 315$

**MHDYDGNLLDGLELSTAITHVHK p1
A0A3B3IU18;Q8NI22;Q8NI22-2;Q8NI22-3**



2:47152291:G:C_G
 $p = 0.95$, $\beta = 0.00658$, $N = 297$

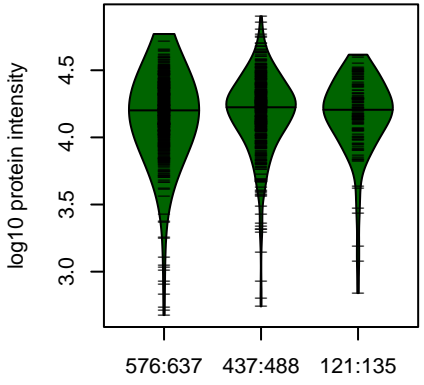
**NNDGYIDYAEFAK pc2
Q8NI22;Q8NI22-2;Q8NI22-3**



2:47152291:G:C_G
 $p = 0.67$, $\beta = -0.0472$, $N = 254$

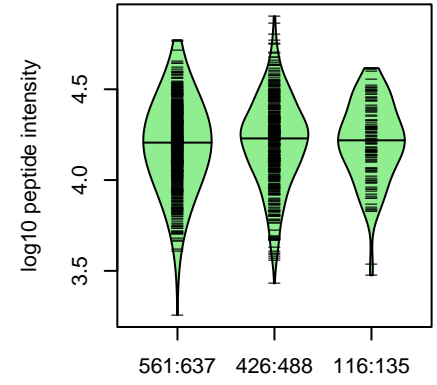
Assay Target: MCFD2
Olink UniProt: Q8NI22
UKB rsID: rs6419615
Proxy rsID: rs6419615
UKB SNP: 2:47152291:G:C
Proxy SNP: 2:47152291:G:C
UKB log10(p): 99.3
UKB BETA: -0.146
--:
1235:1172

**CDH23 : NP1
Q9H251**



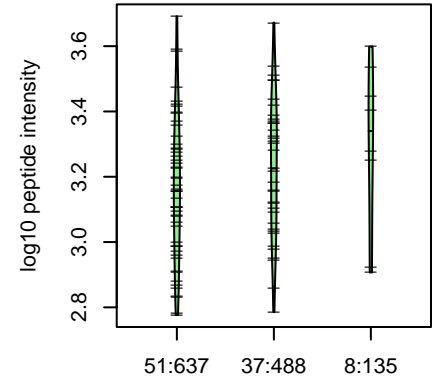
10:73472882:C:T_T
p = 0.29, beta = 0.0466, N = 1134

**PPNGTILHIR pc2
Q9H251;Q9H251-7;Q9H251-9 i7WYR8;A0A0A0MS94;B1AVV0;Q8N5I**



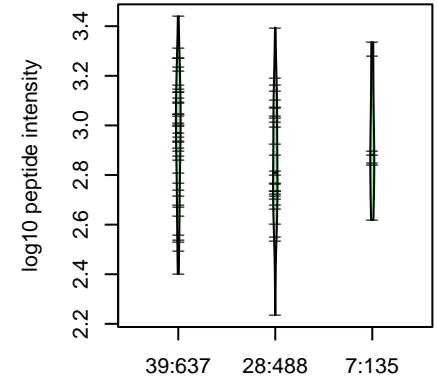
10:73472882:C:T_T
p = 0.16, beta = 0.063, N = 1103

**ENEPSVTQLVR pc2
i7WYR8;A0A0A0MS94;B1AVV0;Q8N5I**



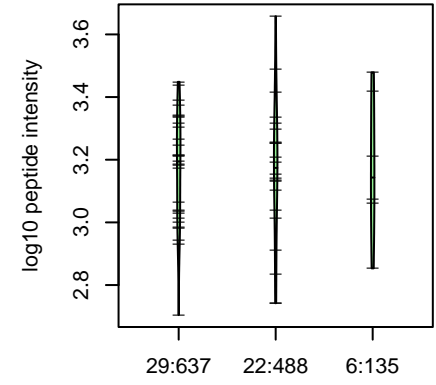
10:73472882:C:T_T
p = 0.16, beta = 0.214, N = 96

**IDAITGVITVQGLVDREK pc3
Q9H251**



10:73472882:C:T_T
p = 0.64, beta = -0.0804, N = 74

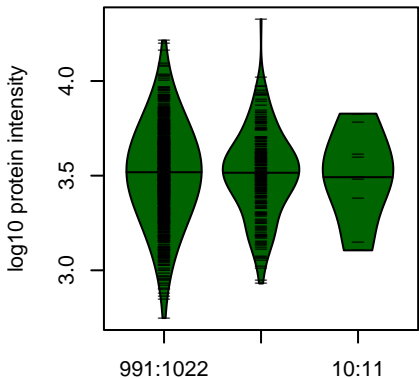
**IVVSVTDCGRPLK pc3
i7WYR8;A0A0A0MS94;B1AVV0;Q8N5I**



10:73472882:C:T_T
p = 0.44, beta = 0.146, N = 57

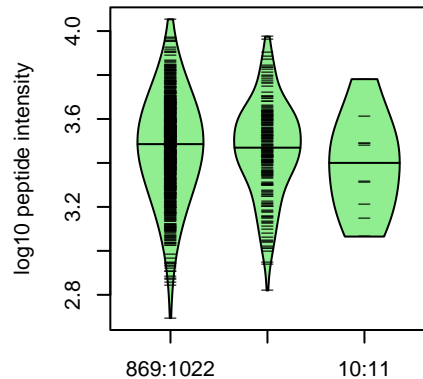
Assay Target: CDH23
Olink UniProt: Q9H251
UKB rsID: rs2166631
Proxy rsID: rs2166631
UKB SNP: 10:73472882:C:T
Proxy SNP: 10:73472882:C:T
UKB log10(p): 96.8
UKB BETA: -0.157
- - - - - * - - - - -
1103:96:74:57:55:42:39:38:36:3

**SEMA3F : NP1
Q13275**



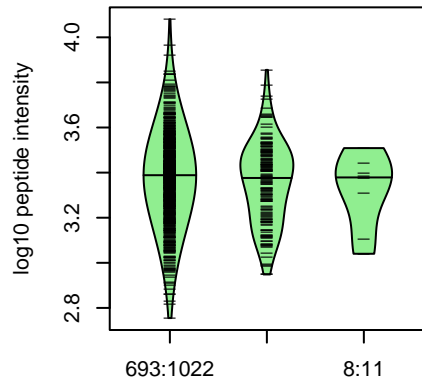
3:50250747:C:T_T
p = 0.77, beta = -0.0197, N = 1225

**GLYSTATENNFK pc2
C9JPG5;Q13275;Q13275-2**



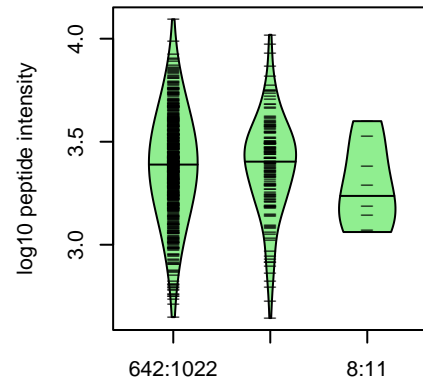
3:50250747:C:T_T
p = 0.27, beta = -0.0791, N = 1074

**NAVESVQYGVAGSAAFLEQCPR pc
C9JPG5;Q13275;Q13275-2**



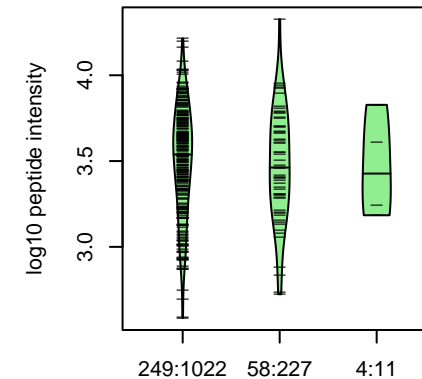
3:50250747:C:T_T
p = 0.25, beta = -0.0924, N = 856

**VQLHVLGR pc2
C9JPG5;Q13275;Q13275-2**



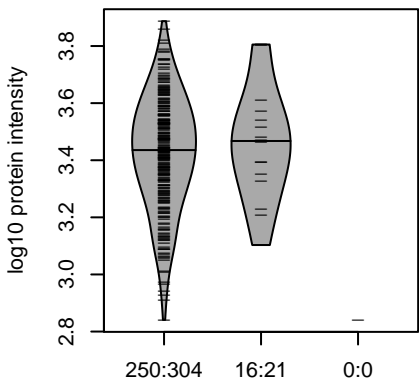
3:50250747:C:T_T
p = 0.79, beta = -0.0215, N = 801

**TEQGLLLR pc2
C9JPG5;Q13275;Q13275-2**



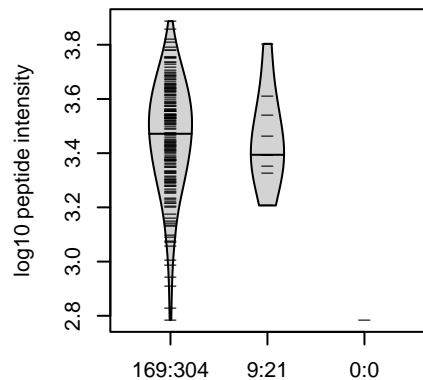
3:50250747:C:T_T
p = 0.61, beta = -0.0652, N = 311

**SEMA3F : NP1
Q13275**



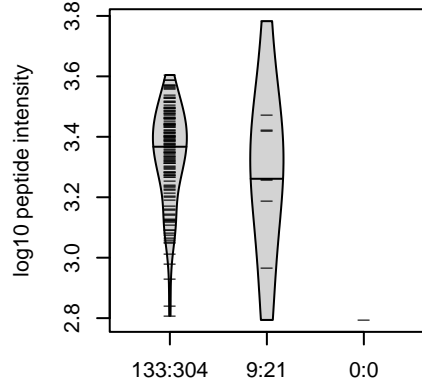
3:50250747:C:T_T
p = 0.57, beta = 0.143, N = 266

**TEQGLLLR pc2
C9JPG5;Q13275;Q13275-2**



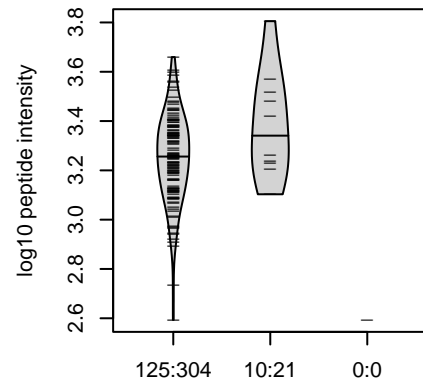
3:50250747:C:T_T
p = 0.92, beta = -0.0336, N = 178

**GLYSTATENNFK pc2
C9JPG5;Q13275;Q13275-2**



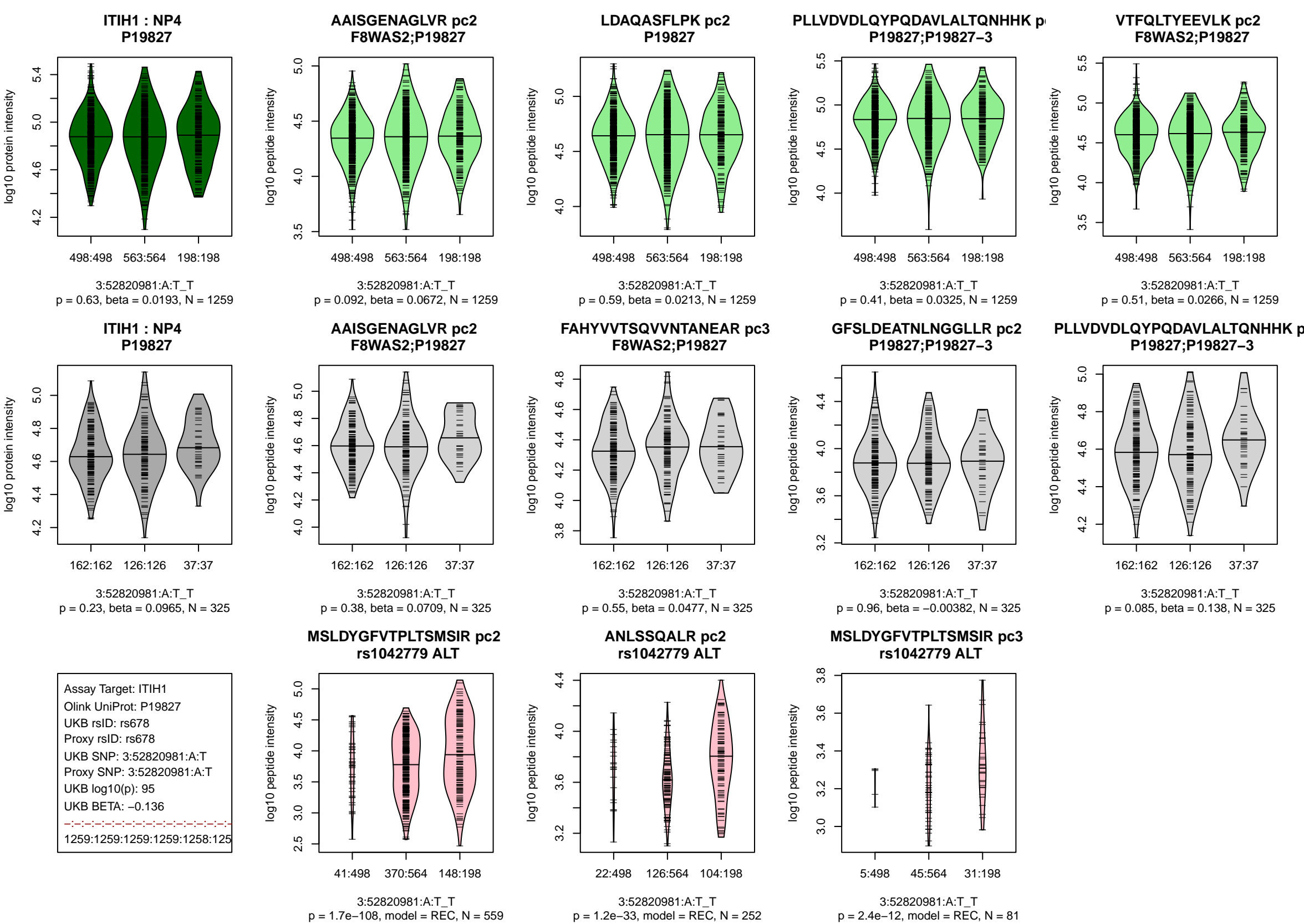
3:50250747:C:T_T
p = 0.33, beta = -0.33, N = 142

**VQLHVLGR pc2
C9JPG5;Q13275;Q13275-2**

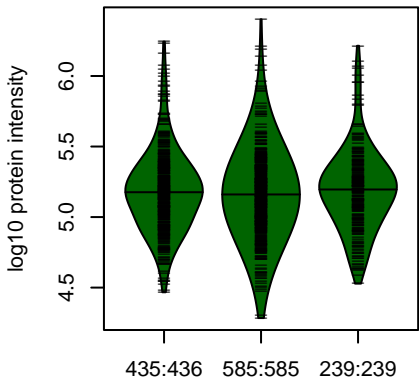


3:50250747:C:T_T
p = 0.085, beta = 0.55, N = 135

Assay Target: SEMA3F
Olink UniProt: Q13275
UKB rsID: rs74461473
Proxy rsID: rs74461473
UKB SNP: 3:50250747:C:T
Proxy SNP: 3:50250747:C:T
UKB log10(p): 95.6
UKB BETA: -0.201
- - - - -
1074:856:801:311:24

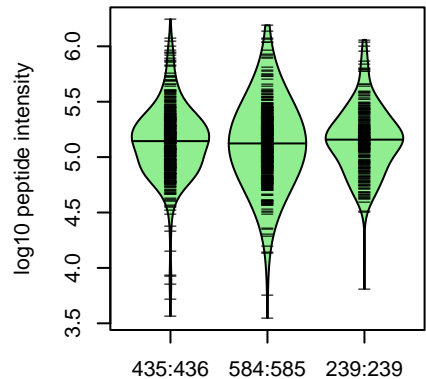


**TTR : NP4
P02766**



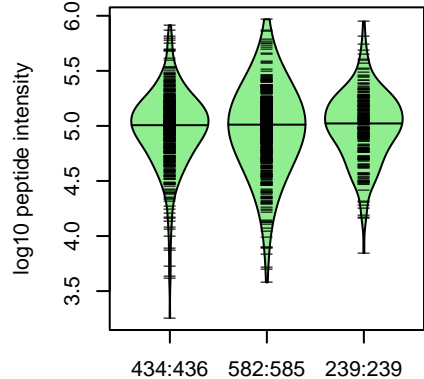
18:29142206:T:C_T
p = 0.99, beta = -0.000352, N = 1259

**AADDTWEPFASGK pc2
A0A087WT59;P02766**



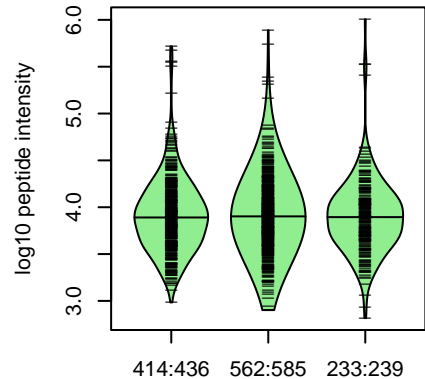
18:29142206:T:C_T
p = 0.9, beta = 0.00513, N = 1258

**ALGISPFHEHAIEVVFTANDSGPR pc
A0A087WT59;P02766**



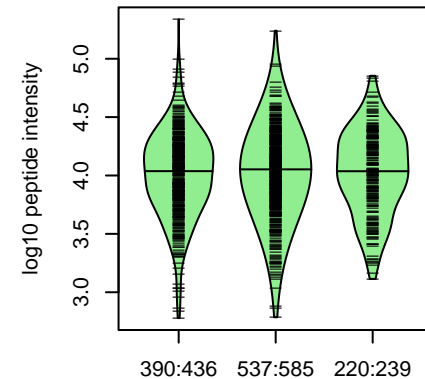
18:29142206:T:C_T
p = 0.66, beta = 0.0175, N = 1255

**GSPAINVAVHVFR pc3
A0A087WT59;P02766**



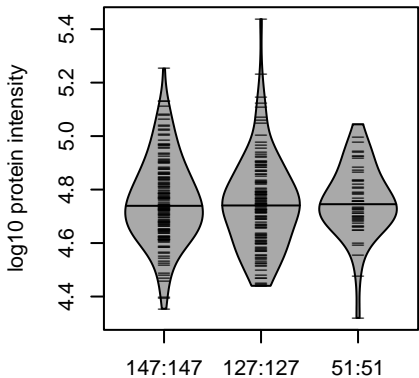
18:29142206:T:C_T
p = 0.92, beta = -0.00411, N = 1209

**TSESGELHGLTTEEEFVEGIYK pc3
A0A087WT59;P02766**



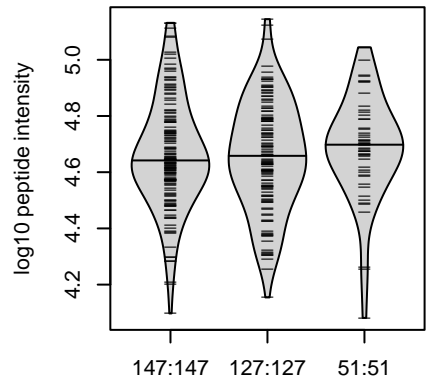
18:29142206:T:C_T
p = 0.64, beta = 0.0194, N = 1147

**TTR : NP4
A0A087WT59;P02766**



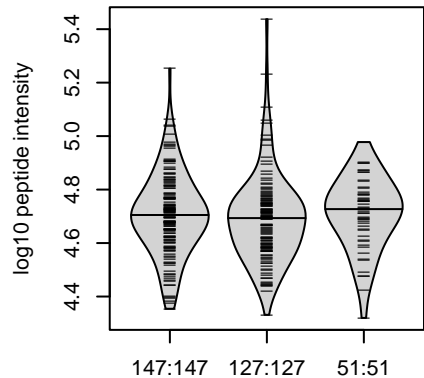
18:29142206:T:C_T
p = 0.68, beta = 0.0314, N = 325

**AADDTWEPFASGK pc2
A0A087WT59;P02766**



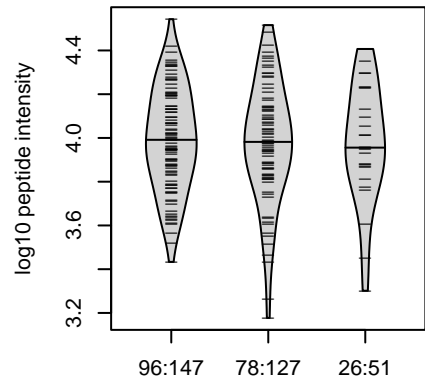
18:29142206:T:C_T
p = 0.26, beta = 0.0853, N = 325

**ALGISPFHEHAIEVVFTANDSGPR pc
A0A087WT59;P02766**



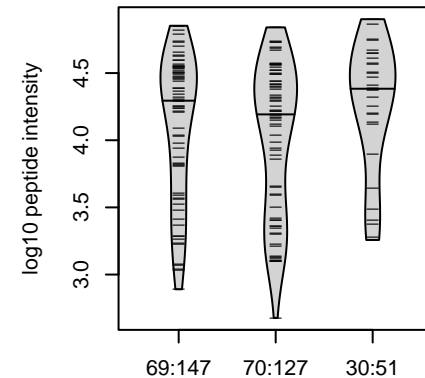
18:29142206:T:C_T
p = 0.66, beta = 0.0334, N = 325

**GSPAINVAVHVFR pc2
A0A087WT59;P02766**



18:29142206:T:C_T
p = 0.93, beta = -0.00902, N = 200

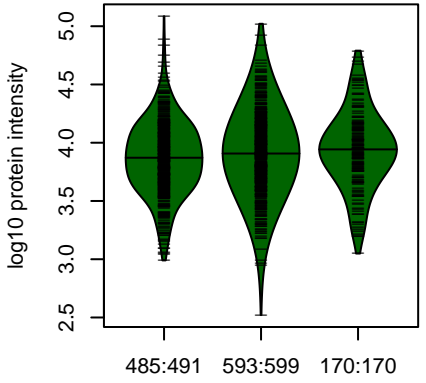
**TSESGELHGLTTEEEFVEGIYK pc3
A0A087WT59;P02766**



18:29142206:T:C_T
p = 0.12, beta = 0.161, N = 169

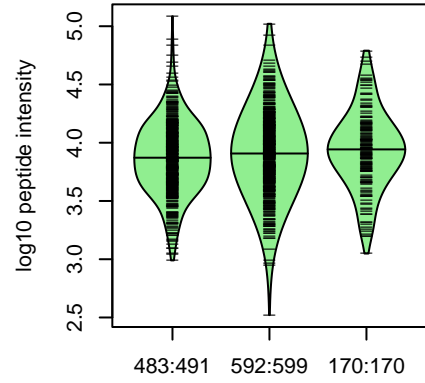
Assay Target: TTR
Olink UniProt: P02766
UKB rsID: rs1667229
Proxy rsID: rs1667229
UKB SNP: 18:29142206:T:C
Proxy SNP: 18:29142206:T:C
UKB log10(p): 94.2
UKB BETA: 0.121
-----NA:NA:N
1258:1255:1209:1147:1111:978

**SCGB3A1 : NP4
Q96QR1**



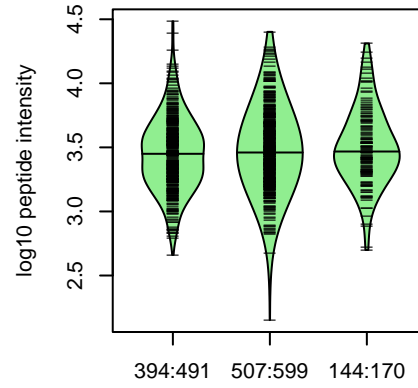
5:180019237:T:C_C
 $p = 0.02$, $\beta = 0.0964$, $N = 1248$

**LLLSSLGIPVNHLEIGSQK pc3
Q96QR1**



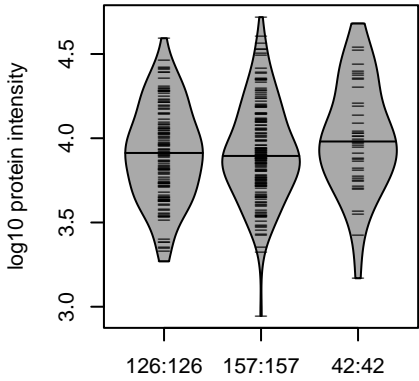
5:180019237:T:C_C
 $p = 0.027$, $\beta = 0.0921$, $N = 1245$

**CVAELGPQAVGAVK pc2
Q96QR1**



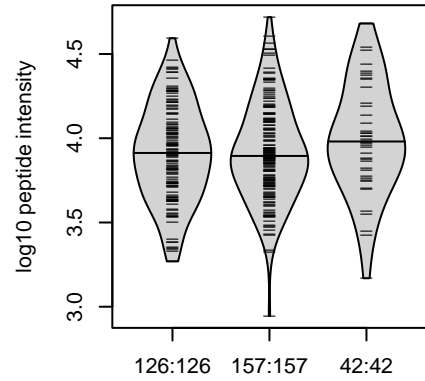
5:180019237:T:C_C
 $p = 0.1$, $\beta = 0.0743$, $N = 1045$

**SCGB3A1 : NP4
Q96QR1**



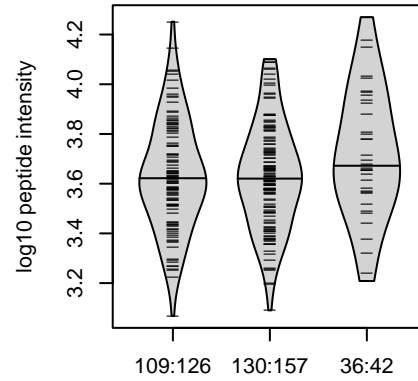
5:180019237:T:C_C
 $p = 0.22$, $\beta = 0.1$, $N = 325$

**LLLSSLGIPVNHLEIGSQK pc3
Q96QR1**



5:180019237:T:C_C
 $p = 0.25$, $\beta = 0.0942$, $N = 325$

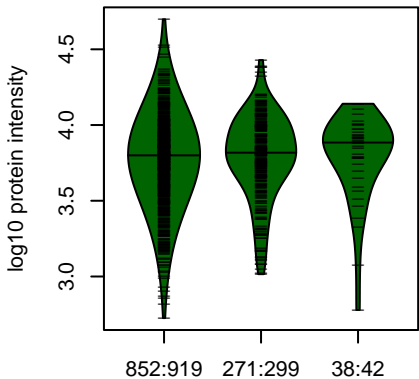
**CVAELGPQAVGAVK pc2
Q96QR1**



5:180019237:T:C_C
 $p = 0.2$, $\beta = 0.113$, $N = 275$

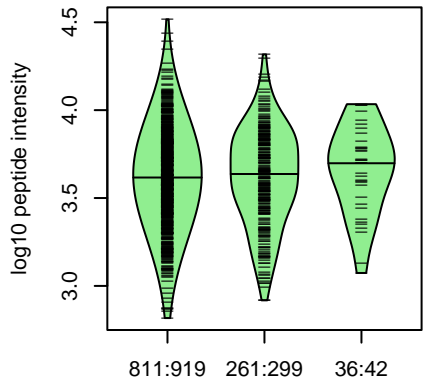
Assay Target: SCGB3A1
Olink UniProt: Q96QR1
UKB rsID: rs307802
Proxy rsID: rs307802
UKB SNP: 5:180019237:T:C
Proxy SNP: 5:180019237:T:C
UKB log10(p): 91.5
UKB BETA: 0.123
--:
1245:1045

CD84 : NP4
Q9UIB8-2



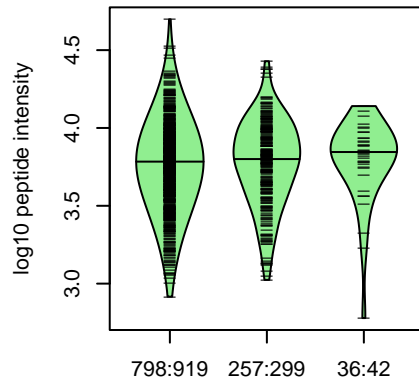
1:160556188:C:T_C
p = 0.59, beta = 0.0299, N = 1161

TSVAYVTPGDSETAPVVTVTHR pc3
Q9UIB8;Q9UIB8-2;Q9UIB8-3;Q9UIB



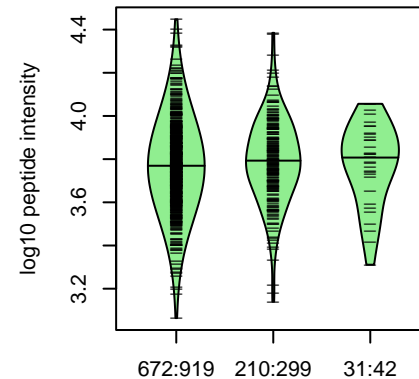
1:160556188:C:T_C
p = 0.95, beta = 0.00327, N = 1108

IHALGPNYNLVISDLR pc3
Q9UIB8;Q9UIB8-2;Q9UIB8-3;Q9UIB



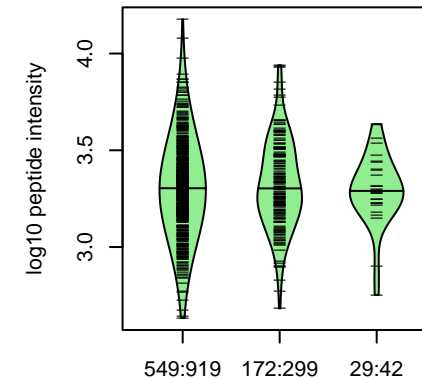
1:160556188:C:T_C
p = 0.33, beta = 0.0556, N = 1091

IYDEILQSK pc2



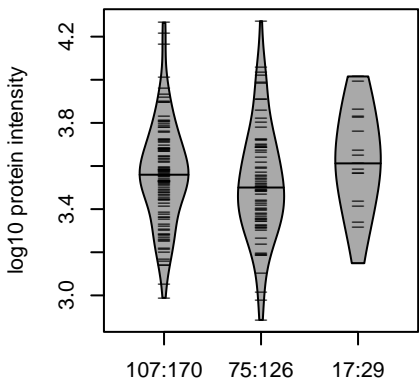
1:160556188:C:T_C
p = 0.48, beta = 0.0446, N = 913

ADINTQADPYTTTK pc2
Q9UIB8;Q9UIB8-2;Q9UIB8-3;Q9UIB



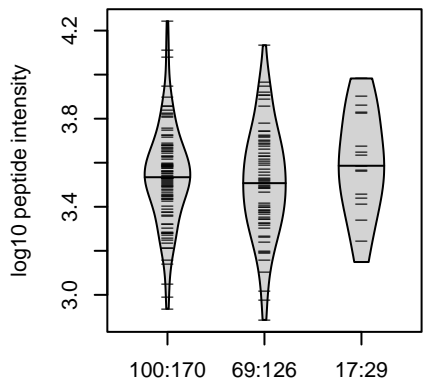
1:160556188:C:T_C
p = 0.57, beta = 0.0388, N = 750

CD84 : NP4
Q9UIB8;Q9UIB8-2;Q9UIB8-3



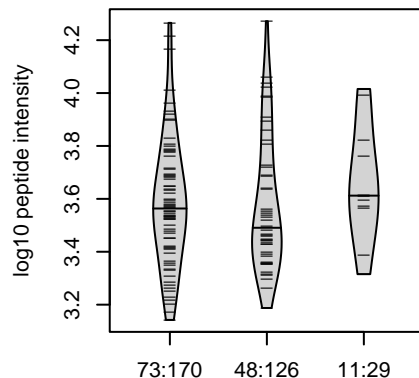
1:160556188:C:T_C
p = 0.95, beta = 0.00714, N = 199

TSVAYVTPGDSETAPVVTVTHR pc3
Q9UIB8;Q9UIB8-2;Q9UIB8-3;Q9UIB



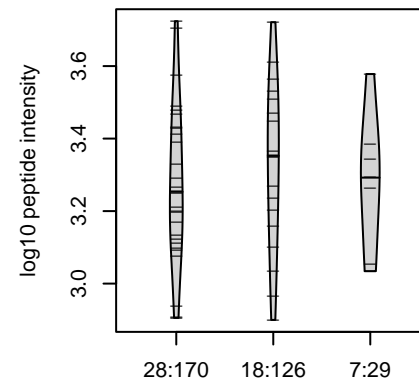
1:160556188:C:T_C
p = 0.67, beta = 0.0473, N = 186

IHALGPNYNLVISDLR pc3
Q9UIB8;Q9UIB8-2;Q9UIB8-3;Q9UIB



1:160556188:C:T_C
p = 0.62, beta = 0.0648, N = 132

ADINTQADPYTTTK pc2
Q9UIB8;Q9UIB8-2;Q9UIB8-3;Q9UIB

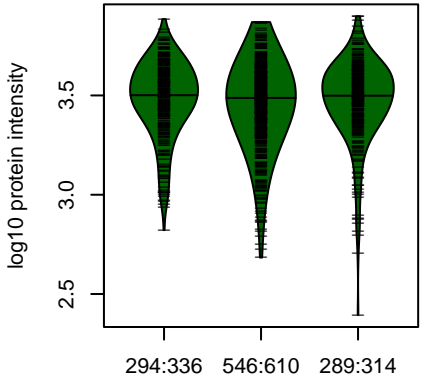


1:160556188:C:T_C
p = 0.48, beta = 0.131, N = 53

Assay Target: CD84
Olink UniProt: Q9UIB8
UKB rsID: rs200682634
Proxy rsID: rs7539149
UKB SNP: 1:160560109:CAT:C
Proxy SNP: 1:160556188:C:T
UKB log10(p): 88.6
UKB BETA: -0.211

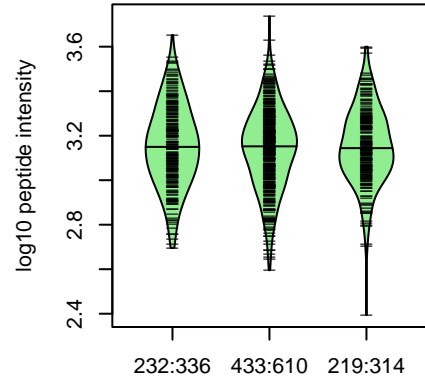
1108:1091:913:750:715:409:16

**NCS1 : NP2
P62166**



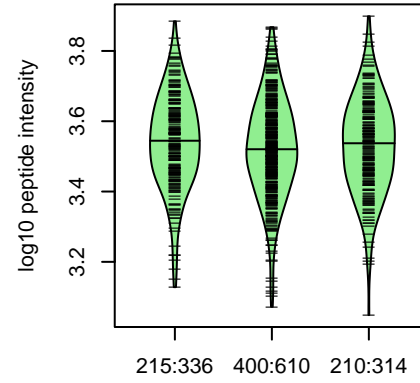
9:132995768:G:A_A
p = 0.36, beta = -0.0375, N = 1129

**DGRIEFSEFIQALSVTSR pc3
P62166-2;P62166**



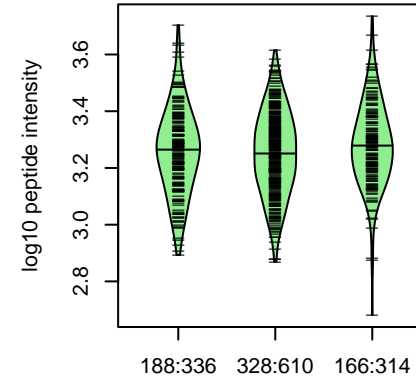
9:132995768:G:A_A
p = 0.74, beta = -0.0156, N = 884

**FATFVFNFVDENK pc2
P62166-2;P62166**



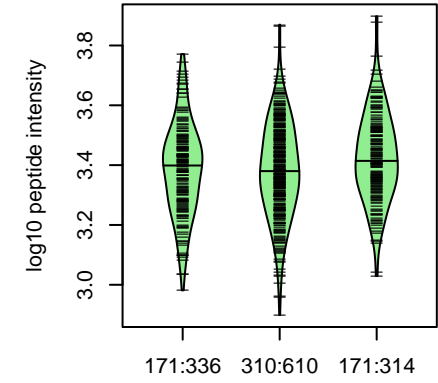
9:132995768:G:A_A
p = 0.47, beta = -0.035, N = 825

**LYLDNDGYITR pc2
P62166-2;P62166**



9:132995768:G:A_A
p = 0.13, beta = 0.0798, N = 682

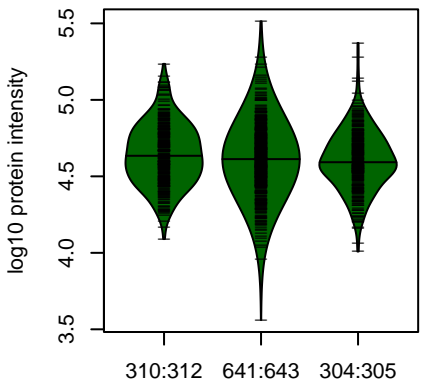
**LTLQEFQEGSK pc2
P62166-2;P62166**



9:132995768:G:A_A
p = 0.049, beta = 0.106, N = 652

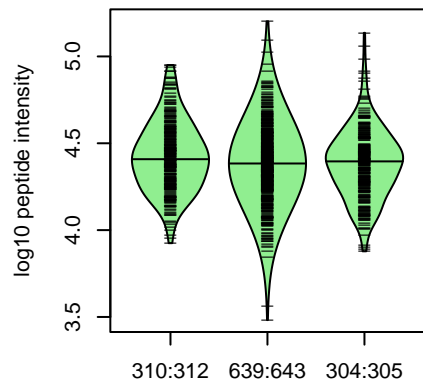
Assay Target: NCS1
Olink UniProt: P62166
UKB rsID: rs1054879
Proxy rsID: rs1054879
UKB SNP: 9:132995768:G:A
Proxy SNP: 9:132995768:G:A
UKB log10(p): 88
UKB BETA: 0.11
-:-:-:-
884:825:682:652

LTBP2 : NP2
G3V3X5;Q14767



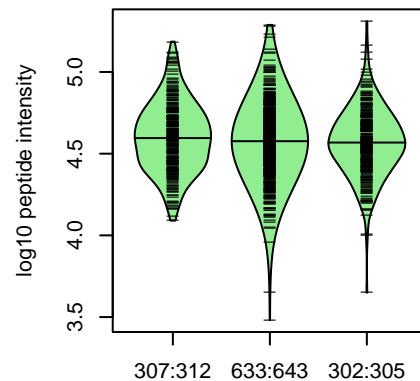
14:75104905:G:A_A
 $p = 0.077$, $\beta = -0.0711$, $N = 1255$

CTNLEGSFR pc2
G3V3X5;G3V511;Q14767



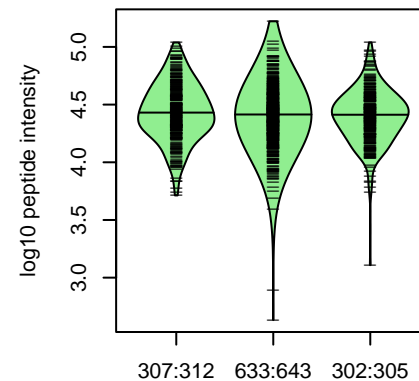
14:75104905:G:A_A
 $p = 0.049$, $\beta = -0.079$, $N = 1253$

AISMLQGLCYR pc2
G3V3X5;G3V511;Q14767



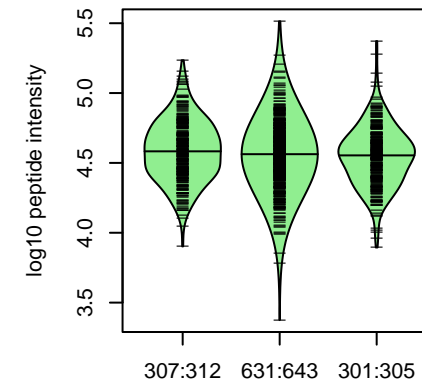
14:75104905:G:A_A
 $p = 0.2$, $\beta = -0.0523$, $N = 1242$

SLGPGTCTLPLAQR pc2
G3V3X5;G3V511;Q14767



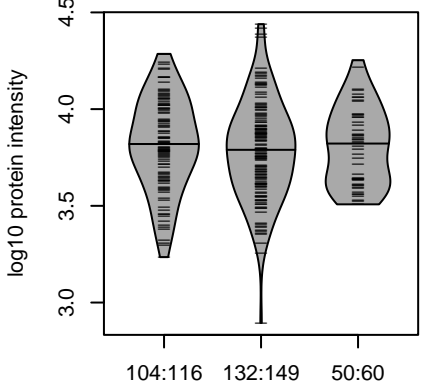
14:75104905:G:A_A
 $p = 0.25$, $\beta = -0.0469$, $N = 1242$

CPLPGTEAFR pc2
G3V3X5;G3V511;Q14767



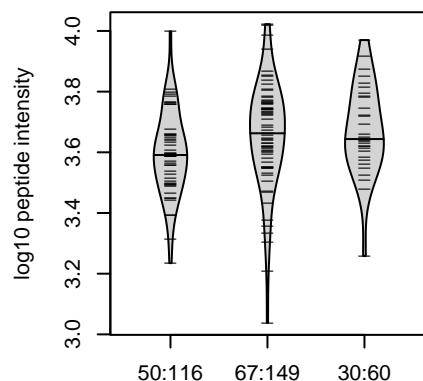
14:75104905:G:A_A
 $p = 0.097$, $\beta = -0.067$, $N = 1239$

LTBP2 : NP2
G3V3X5;Q14767



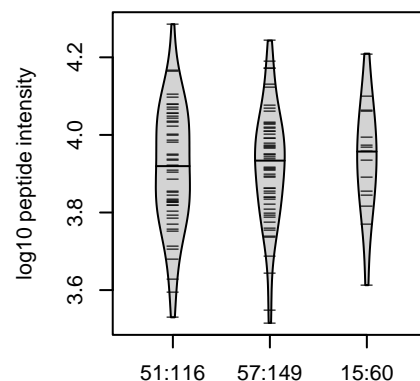
14:75104905:G:A_A
 $p = 0.16$, $\beta = -0.117$, $N = 286$

STPLGQQPAPR pc2
G3V3X5;G3V511;Q14767



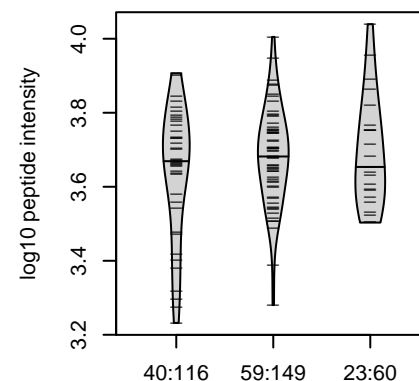
14:75104905:G:A_A
 $p = 0.26$, $\beta = 0.126$, $N = 147$

IVFTPTICK pc2
G3V3X5;G3V511;Q14767



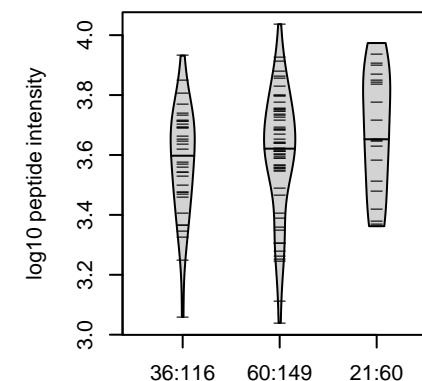
14:75104905:G:A_A
 $p = 0.77$, $\beta = 0.0387$, $N = 123$

AQPGWGSPR pc2
G3V3X5;G3V511;Q14767



14:75104905:G:A_A
 $p = 0.85$, $\beta = 0.0236$, $N = 122$

EQDAPVAGLQPVER pc2
G3V3X5;G3V511;Q14767

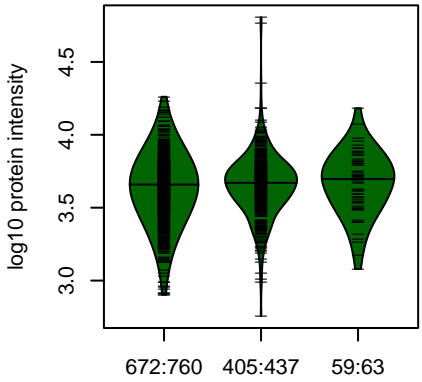


14:75104905:G:A_A
 $p = 0.17$, $\beta = 0.179$, $N = 117$

Assay Target: LTBP2
Olink UniProt: Q14767
UKB rsID: rs888414
Proxy rsID: rs888414
UKB SNP: 14:75104905:G:A
Proxy SNP: 14:75104905:G:A
UKB log10(p): 86.9
UKB BETA: -0.103

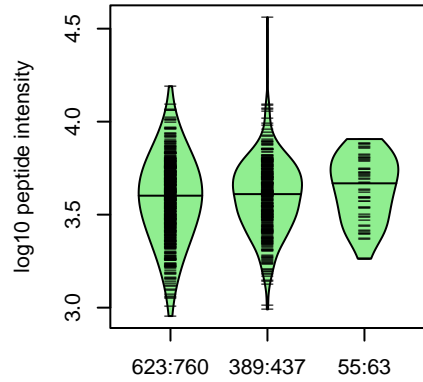
1253:1242:1242:1239:1237:122

DNAJA4 : NP3
Q8WW22-2



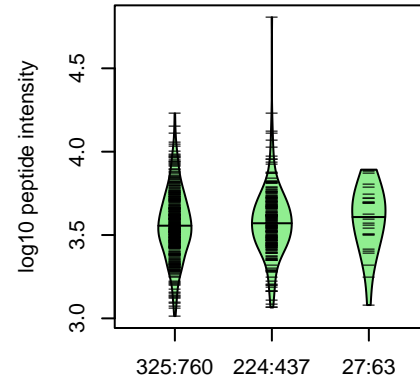
15:78557720:C:G_G
p = 0.054, beta = 0.0958, N = 1136

LISQAYEVLSDPK pc2
F5H170;F8WF76;Q8WW22;Q8WW22-DE6;F5H170;Q8WW22;Q8WW22-2;Q8F5H170;Q8WW22;Q8WW22-2;Q8WW22-3



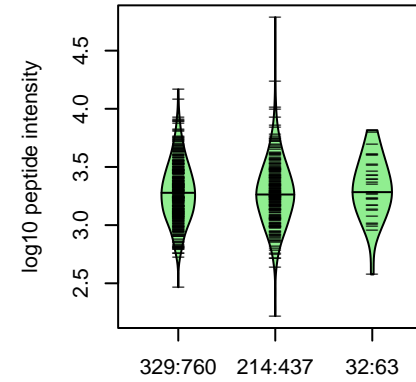
15:78557720:C:G_G
p = 0.091, beta = 0.0869, N = 1067

NVVHQLSVTLEDLYNGVTK pc3



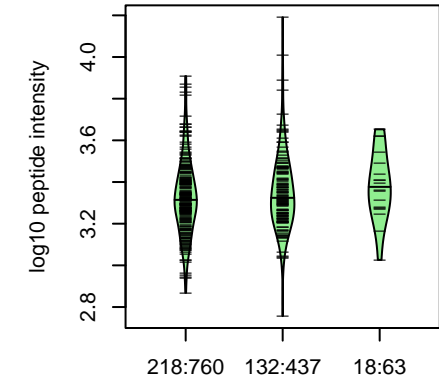
15:78557720:C:G_G
p = 0.29, beta = 0.0742, N = 576

IIEVHVEK pc2



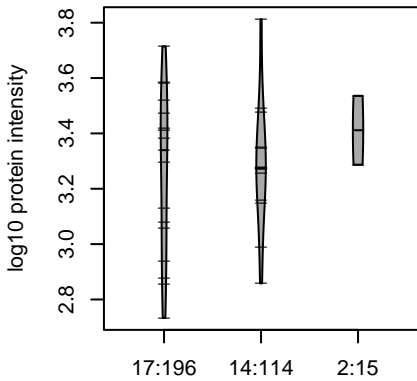
15:78557720:C:G_G
p = 0.9, beta = 0.00825, N = 575

ITDDMDQVELK pc2
Q8WW22;Q8WW22-2;Q8WW22-3



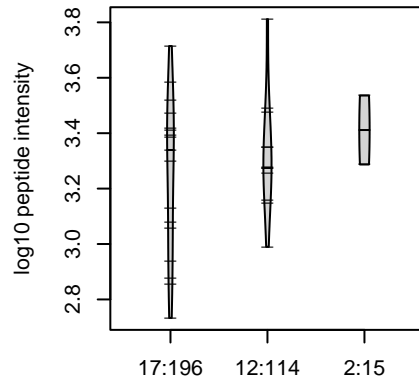
15:78557720:C:G_G
p = 0.041, beta = 0.179, N = 368

DNAJA4 : NP3
Q8WW22;Q8WW22-2



15:78557720:C:G_G
p = 0.6, beta = 0.141, N = 33

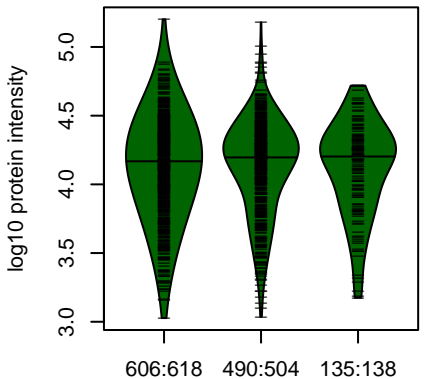
LISQAYEVLSDPK pc2
F5H170;F8WF76;Q8WW22;Q8WW22-2



15:78557720:C:G_G
p = 0.54, beta = 0.167, N = 31

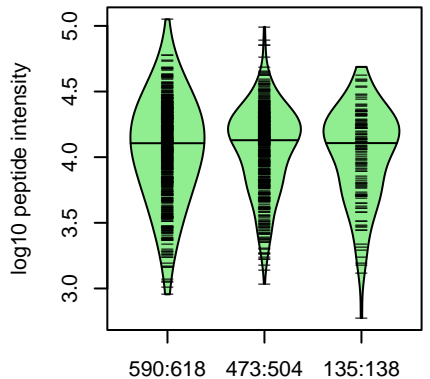
Assay Target: DNAJA4
Olink UniProt: Q8WW22
UKB rsID: rs62007832
Proxy rsID: rs62007832
UKB SNP: 15:78557720:C:G
Proxy SNP: 15:78557720:C:G
UKB log10(p): 86
UKB BETA: 0.143
-----NA:N
1067:576:575:368:271:250:205:

**GP5 : NP4
P40197**



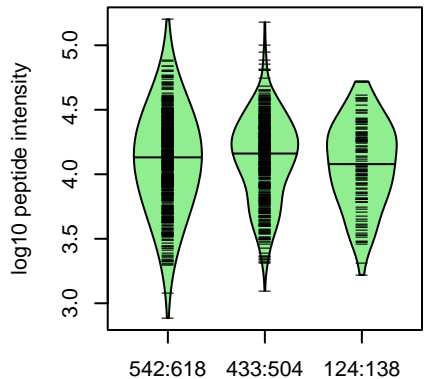
3:194120998:A:G_G
p = 0.56, beta = -0.0248, N = 1231

**MVLLQLFLDHNALR pc3
P40197**



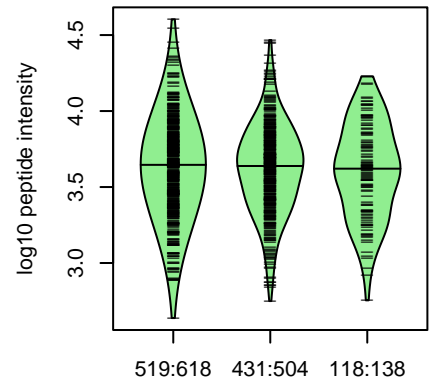
3:194120998:A:G_G
p = 0.28, beta = -0.0458, N = 1198

**YLGVTLSPR pc2
P40197**



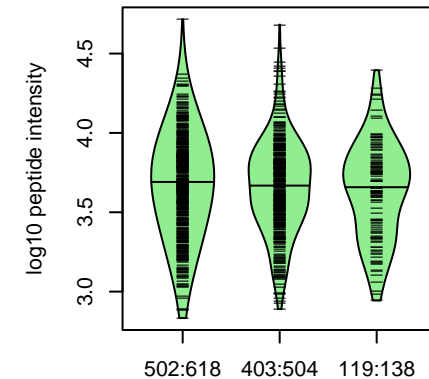
3:194120998:A:G_G
p = 0.87, beta = -0.00714, N = 1099

**LVSLDSGLLNSLGLTELQFHR pc3
P40197**



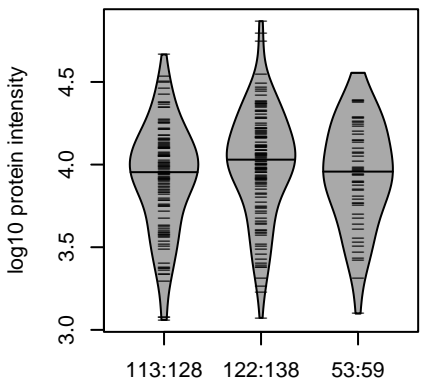
3:194120998:A:G_G
p = 0.33, beta = -0.0441, N = 1068

**DAAQCSGGDVAR pc2
P40197**



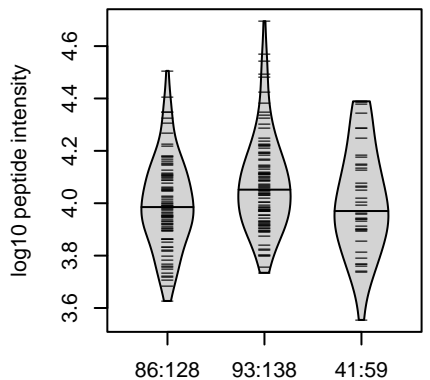
3:194120998:A:G_G
p = 0.37, beta = -0.0408, N = 1024

**GP5 : NP4
P40197**



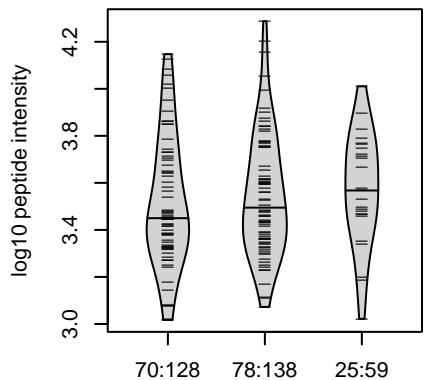
3:194120998:A:G_G
p = 0.3, beta = 0.0826, N = 288

**MVLLQLFLDHNALR pc3
P40197**



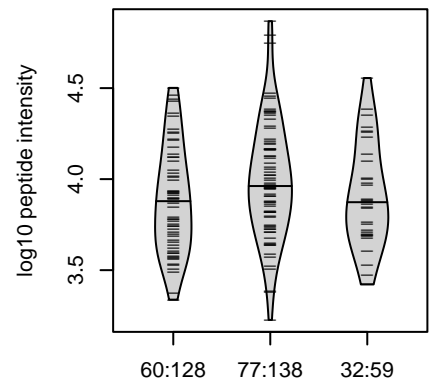
3:194120998:A:G_G
p = 0.11, beta = 0.145, N = 220

**DAAQCSGGDVAR pc2
P40197**



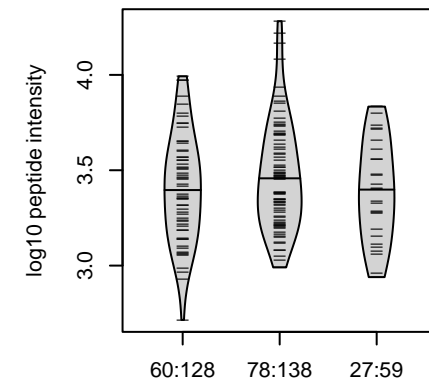
3:194120998:A:G_G
p = 0.31, beta = 0.109, N = 173

**YLGVTLSPR pc2
P40197**



3:194120998:A:G_G
p = 0.33, beta = 0.102, N = 169

**LVSLDSGLLNSLGLTELQFHR pc3
P40197**

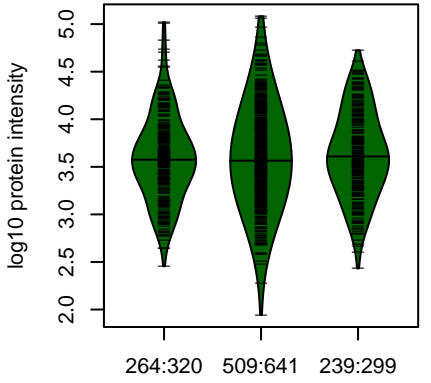


3:194120998:A:G_G
p = 0.77, beta = 0.0324, N = 165

Assay Target: GP5
Olink UniProt: P40197
UKB rsID: rs544985059
Proxy rsID: rs1466733
UKB SNP: 3:194121175:G:T
Proxy SNP: 3:194120998:A:G
UKB log10(p): 85.5
UKB BETA: -0.145

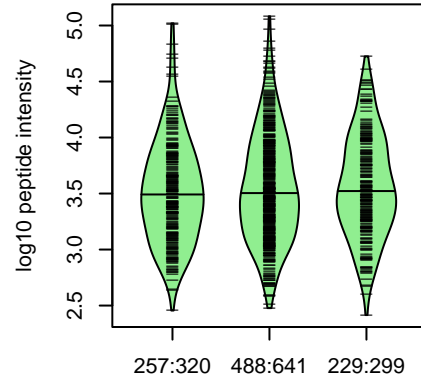
1198:1099:1068:1024:815:785:7

**CDHR2 : NP2
Q9BYE9**



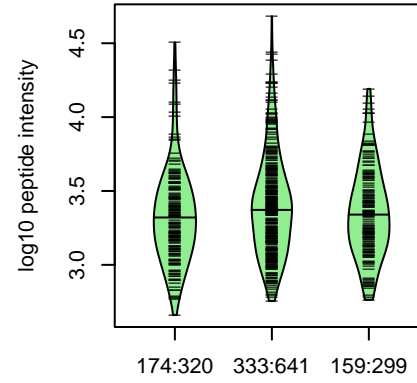
5:175945908:C:G_C
 $p = 0.072$, $\beta = 0.0799$, $N = 1012$

**TFVIIPELVLPNR pc2
Q9BYE9**



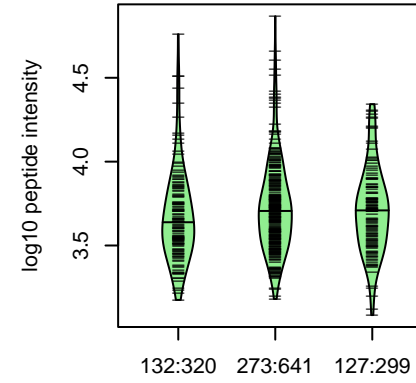
5:175945908:C:G_C
 $p = 0.1$, $\beta = 0.0736$, $N = 974$

**VTISVSDPYIQVQR pc2
Q9BYE9**



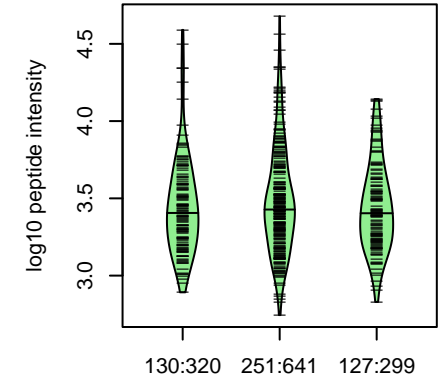
5:175945908:C:G_C
 $p = 0.1$, $\beta = 0.0889$, $N = 666$

**VSALVDYER pc2
Q9BYE9**



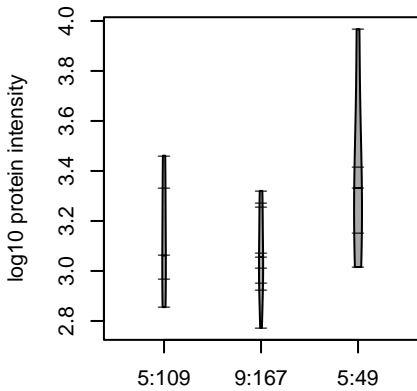
5:175945908:C:G_C
 $p = 0.099$, $\beta = 0.102$, $N = 532$

**GLVLGAGWAEGYLR pc2
Q9BYE9**



5:175945908:C:G_C
 $p = 0.83$, $\beta = 0.0133$, $N = 508$

**CDHR2 : NP2
Q9BYE9**

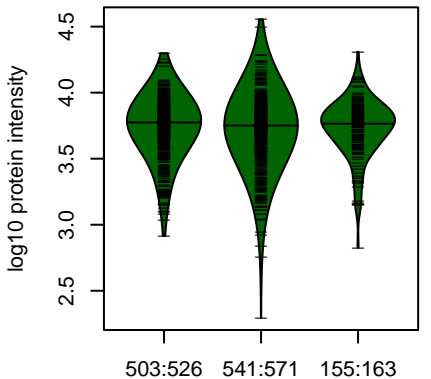


5:175945908:C:G_G
 $p = 0.13$, $\beta = 0.432$, $N = 19$

Assay Target: CDHR2
 Olink UniProt: Q9BYE9
 UKB rsID: rs2913909
 Proxy rsID: rs2913909
 UKB SNP: 5:175945908:C:G
 Proxy SNP: 5:175945908:C:G
 UKB log10(p): 81.7
 UKB BETA: -0.1

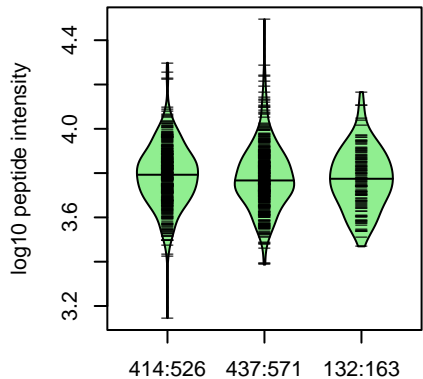
 974:666:532:508:487:415:408:3

**GSR : NP1
P00390**



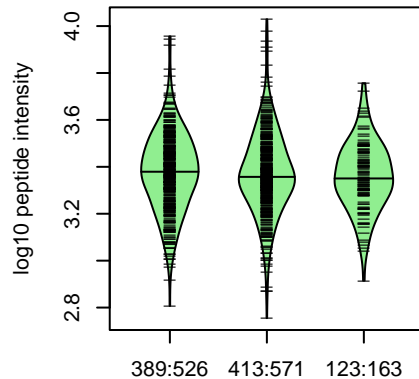
8:30556611:T:C_C
p = 0.34, beta = -0.0404, N = 1199

**GIYAVGDVCGK pc2
P00390-3;P00390-4;P00390-5;P00390-6**



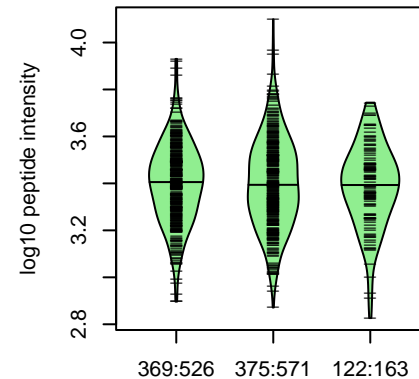
8:30556611:T:C_C
p = 0.13, beta = -0.0689, N = 983

**LGGTCVNVGCVPK pc2
P00390-3;P00390-4;P00390-5;P00390-6**



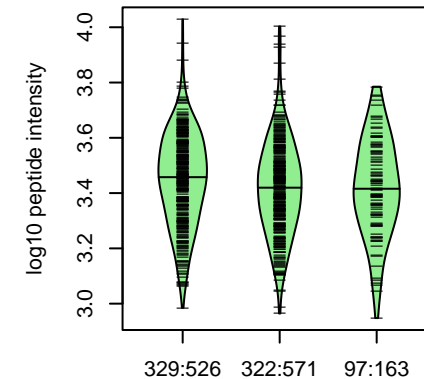
8:30556611:T:C_C
p = 0.26, beta = -0.0539, N = 925

**.DYNNIPTVVFSSHPIGTVGLTEDEAIHK
P00390-3;P00390-4;P00390-5;P00390-6**



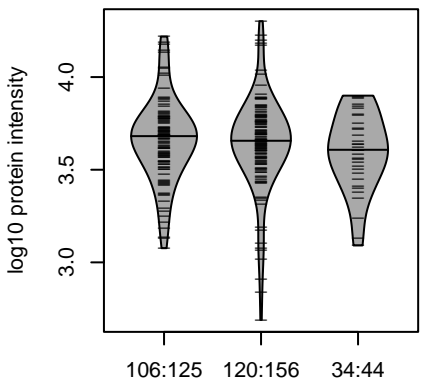
8:30556611:T:C_C
p = 0.72, beta = -0.0175, N = 866

**LNAIYQNNLTK pc2
P00390-3;P00390-4;P00390-5;P00390-6**



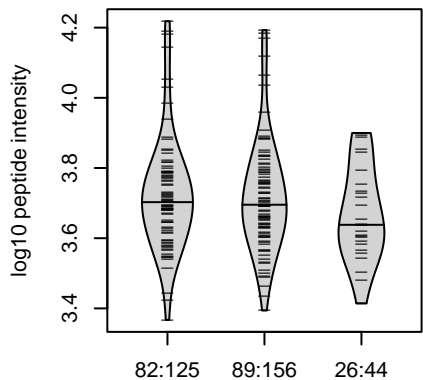
8:30556611:T:C_C
p = 0.048, beta = -0.104, N = 748

**GSR : NP1
P00390;P00390-3**



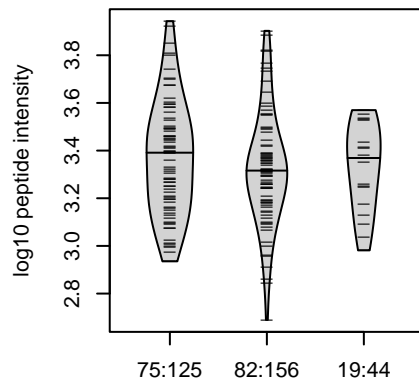
8:30556611:T:C_C
p = 0.48, beta = -0.0636, N = 260

**GIYAVGDVCGK pc2
P00390-3;P00390-4;P00390-5;P00390-6**



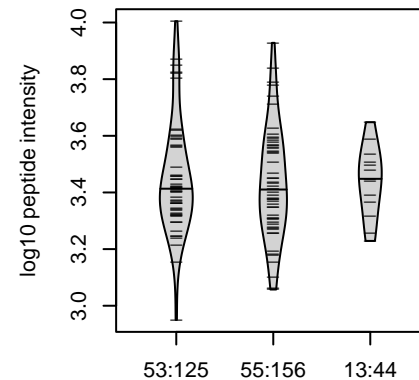
8:30556611:T:C_C
p = 0.49, beta = -0.071, N = 197

**ALLTPVAIAAGR pc2
P00390-3;P00390-4;P00390-5;P00390-6**



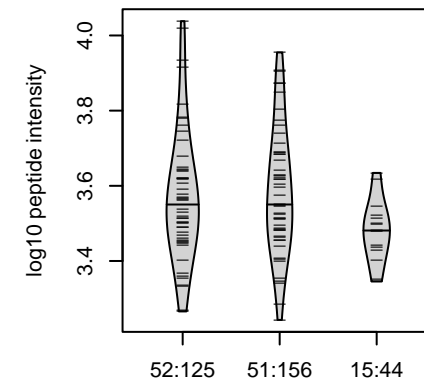
8:30556611:T:C_C
p = 0.67, beta = -0.0474, N = 176

**LGGTCVNVGCVPK pc2
P00390-3;P00390-4;P00390-5;P00390-6**



8:30556611:T:C_C
p = 0.97, beta = -0.00469, N = 121

**LNAIYQNNLTK pc2
P00390-3;P00390-4;P00390-5;P00390-6**

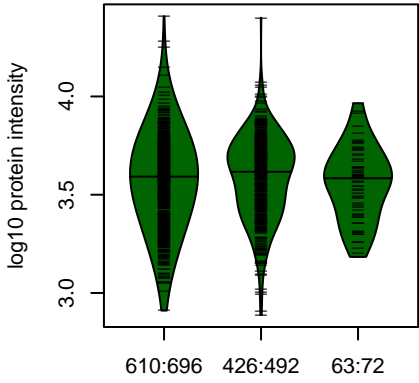


8:30556611:T:C_C
p = 0.57, beta = -0.0746, N = 118

Assay Target: GSR
Olink UniProt: P00390
UKB rsID: rs8190982
Proxy rsID: rs2551710
UKB SNP: 8:30556381:T:TCC
Proxy SNP: 8:30556611:T:C
UKB log10(p): 81.7
UKB BETA: -0.126

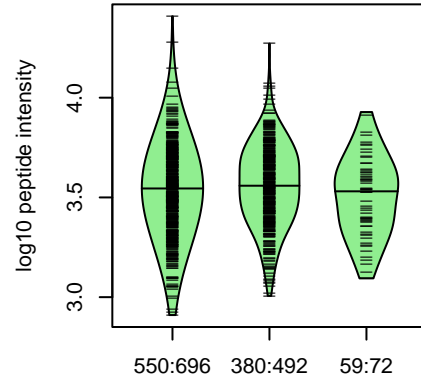
983:925:866:748:719:470:368:3

CCN1 : NP4
O00622



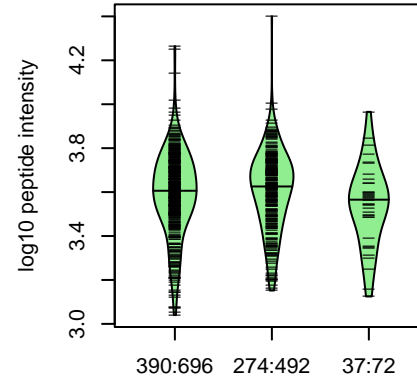
1:86063089:G:A_A
 $p = 0.48$, $\beta = 0.0353$, $N = 1099$

ILYNPLQGQK pc2
O00622



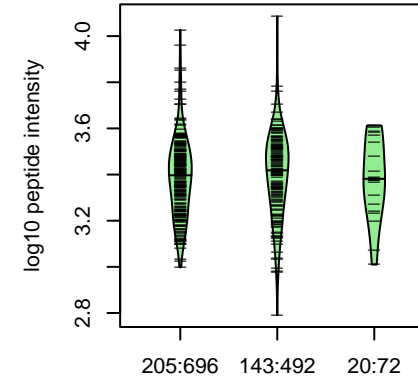
1:86063089:G:A_A
 $p = 0.46$, $\beta = 0.0388$, $N = 989$

FTYAGCLSVK pc2
O00622



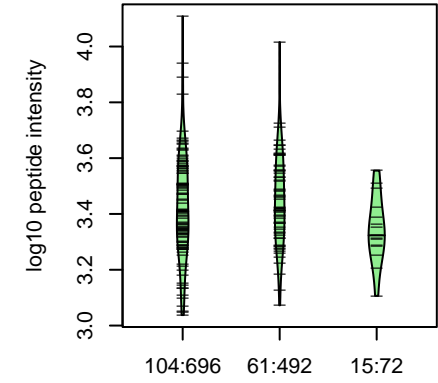
1:86063089:G:A_A
 $p = 0.72$, $\beta = -0.0229$, $N = 701$

CCTPQLTR pc2
O00622



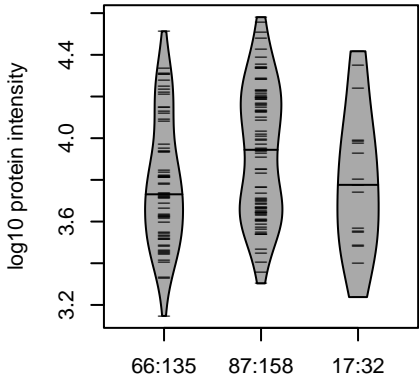
1:86063089:G:A_A
 $p = 0.61$, $\beta = 0.0439$, $N = 368$

YCGSCVDGR pc2
O00622



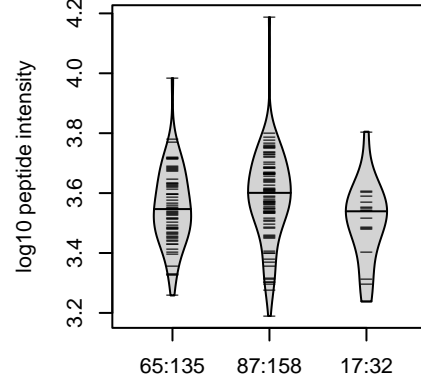
1:86063089:G:A_A
 $p = 0.69$, $\beta = -0.045$, $N = 180$

CCN1 : NP4
O00622



1:86063089:G:A_A
 $p = 0.099$, $\beta = 0.194$, $N = 170$

ILYNPLQGQK pc2
O00622

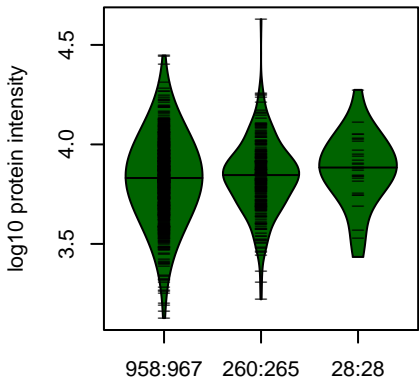


1:86063089:G:A_A
 $p = 0.63$, $\beta = 0.0576$, $N = 169$

Assay Target: CCN1
Olink UniProt: O00622
UKB rsID: rs4949912
Proxy rsID: rs4949912
UKB SNP: 1:86063089:G:A
Proxy SNP: 1:86063089:G:A
UKB log10(p): 81
UKB BETA: -0.13

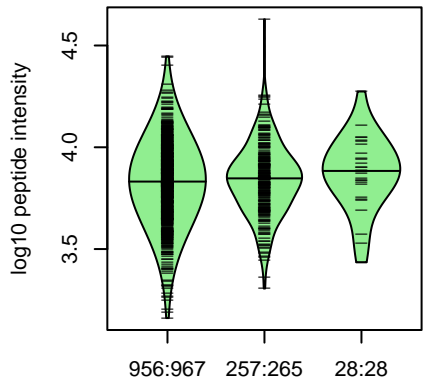
989:701:368:180:121:75

**LCAT : NP2
P04180**



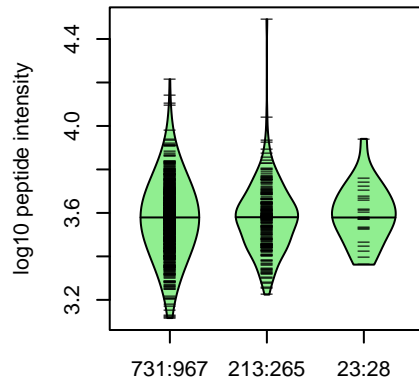
16:67954398:G:C_C
p = 0.19, beta = 0.076, N = 1246

**SSGLVSNAPGVQIR pc2
P04180**



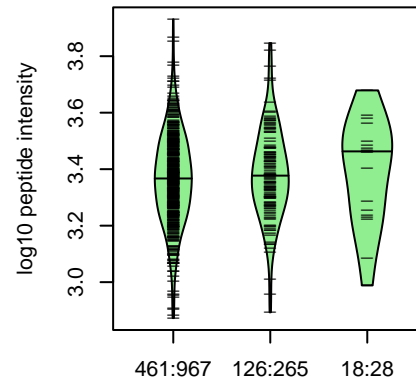
16:67954398:G:C_C
p = 0.15, beta = 0.0836, N = 1241

**STELCGLWQGR pc2
P04180**



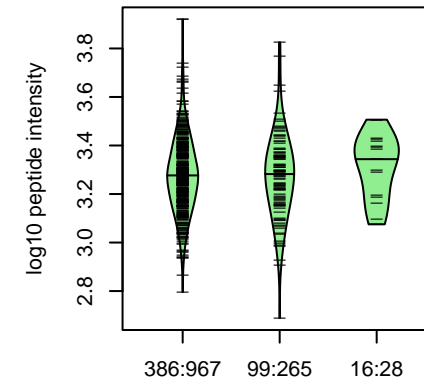
16:67954398:G:C_C
p = 0.84, beta = 0.0128, N = 967

**ITTTSPWMFPSR pc2
P04180**



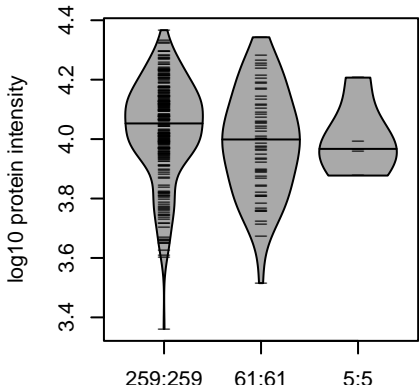
16:67954398:G:C_C
p = 0.3, beta = 0.0833, N = 605

**LDKPDVVNWMCYR pc3
P04180**



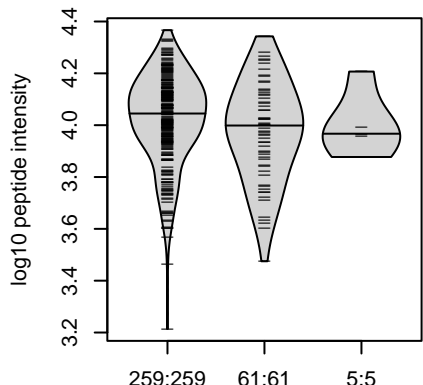
16:67954398:G:C_C
p = 0.94, beta = -0.00654, N = 501

**LCAT : NP2
P04180**



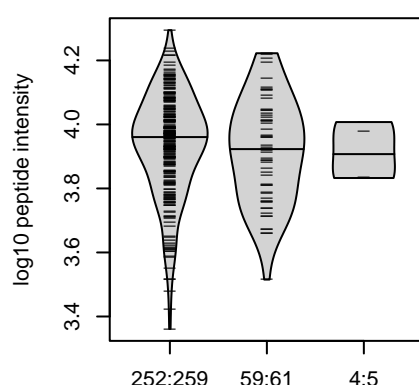
16:67954398:G:C_C
p = 0.35, beta = -0.115, N = 325

**SSGLVSNAPGVQIR pc2
P04180**



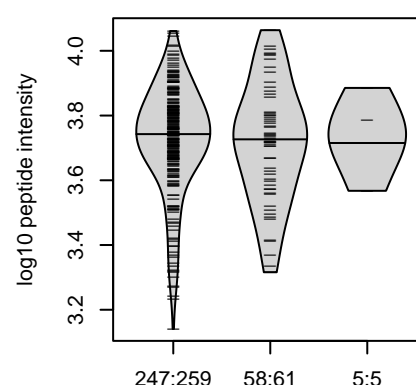
16:67954398:G:C_C
p = 0.42, beta = -0.0984, N = 325

**TYSVEYLDSSK pc2
P04180**



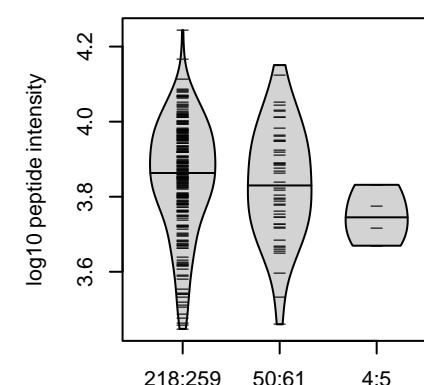
16:67954398:G:C_C
p = 0.97, beta = 0.004, N = 315

**ITTTSPWMFPSR pc2
P04180**



16:67954398:G:C_C
p = 0.62, beta = 0.0615, N = 310

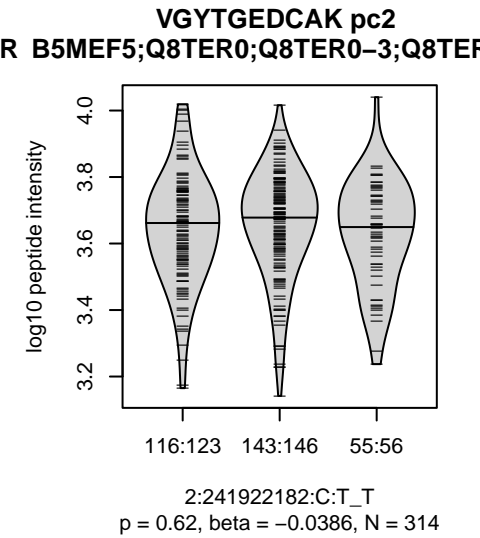
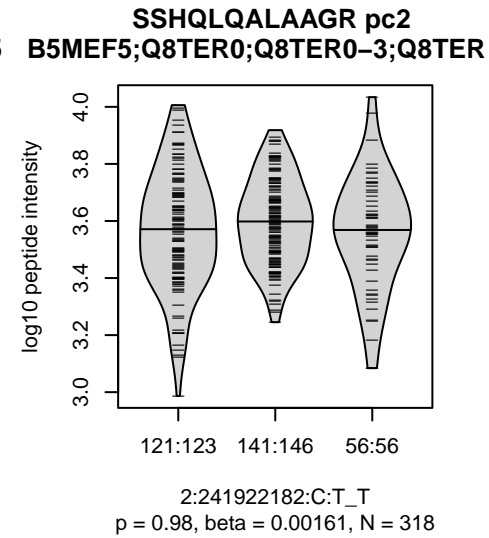
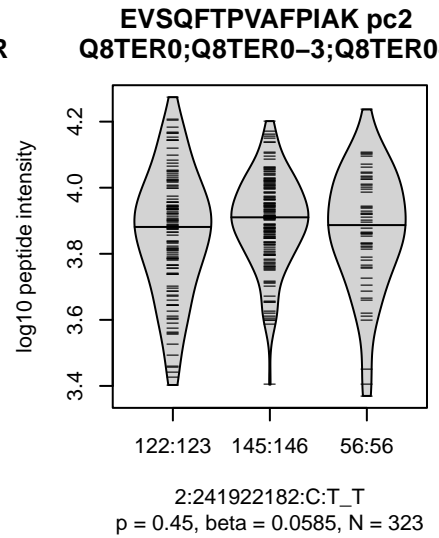
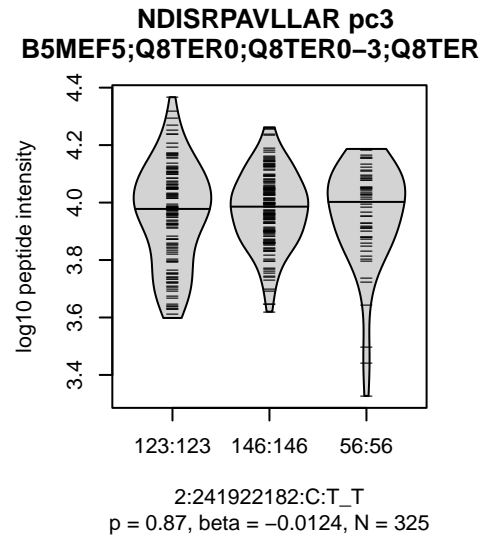
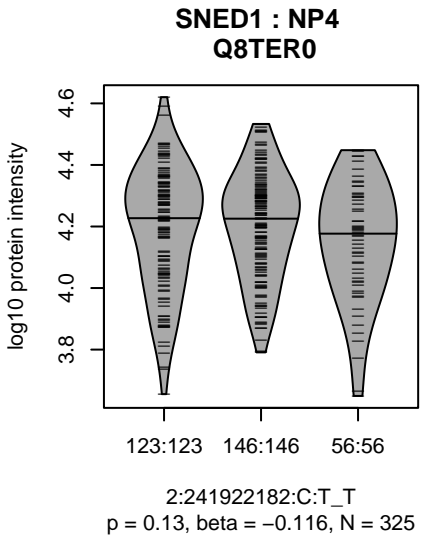
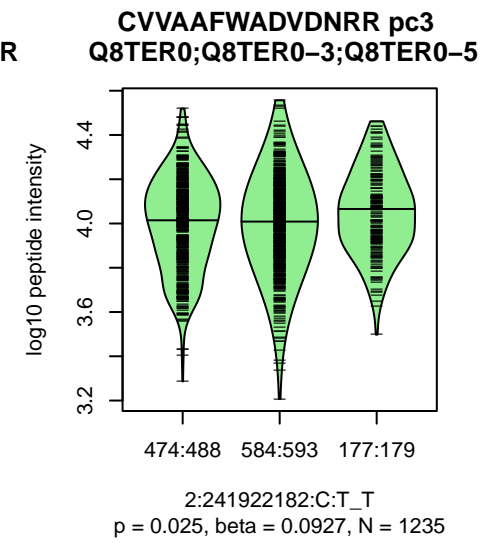
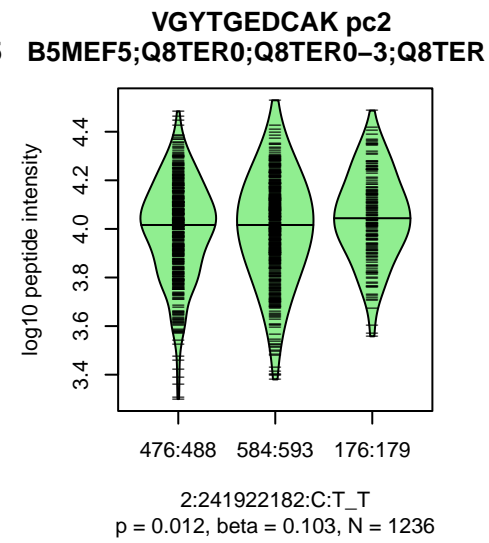
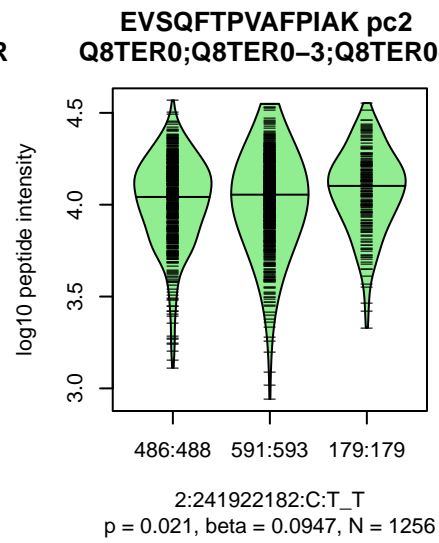
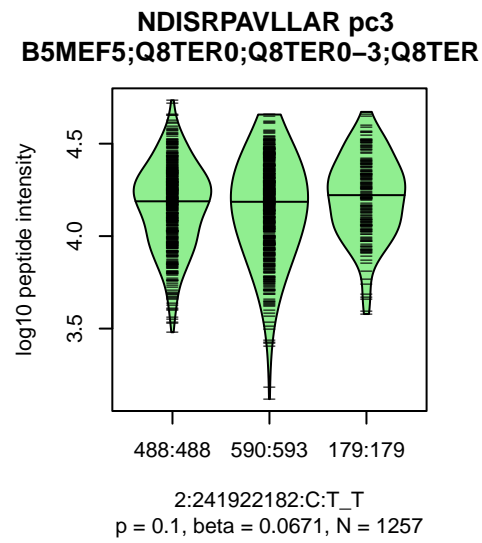
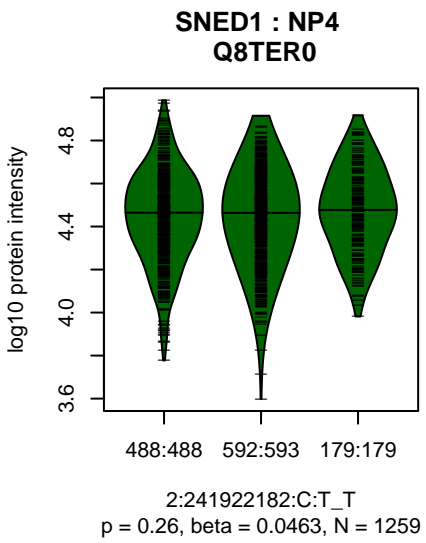
**STELCGLWQGR pc2
P04180**



16:67954398:G:C_C
p = 0.61, beta = -0.0684, N = 272

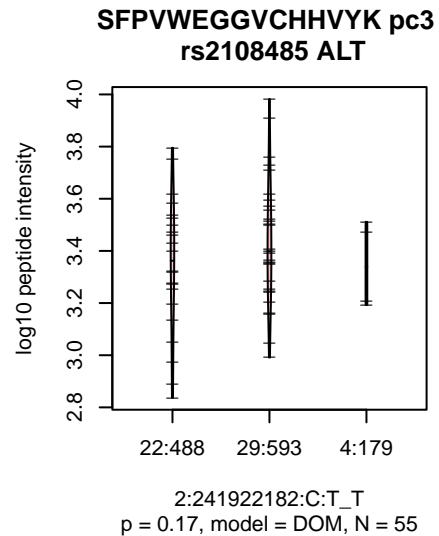
Assay Target: LCAT
Olink UniProt: P04180
UKB rsID: rs112434994
Proxy rsID: rs112434994
UKB SNP: 16:67954398:G:C
Proxy SNP: 16:67954398:G:C
UKB log10(p): 79
UKB BETA: 0.175

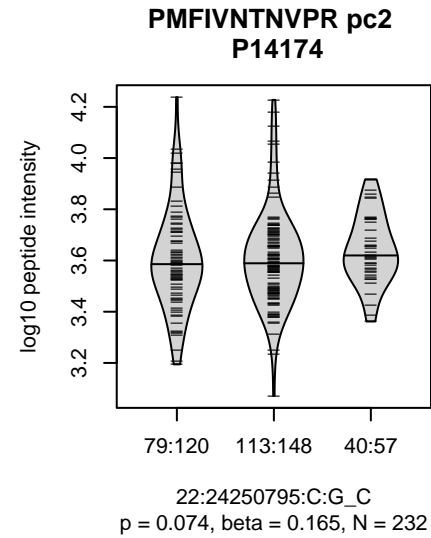
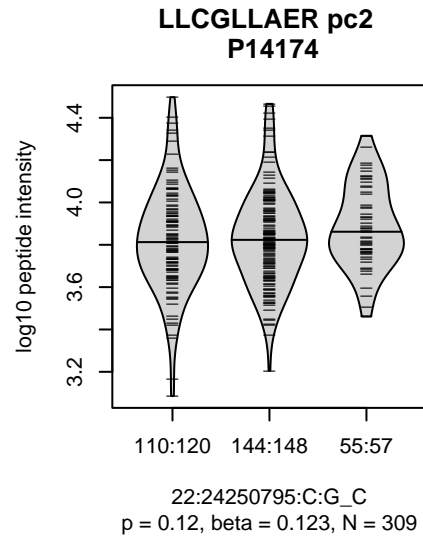
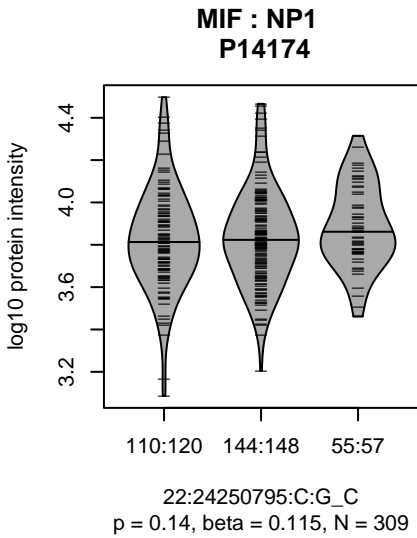
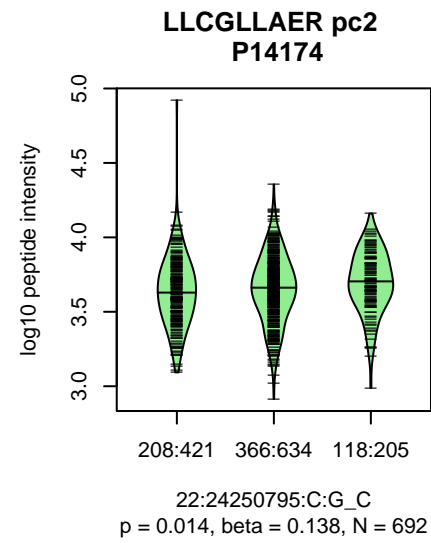
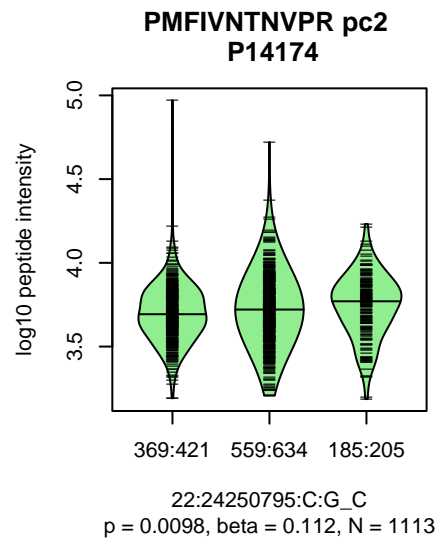
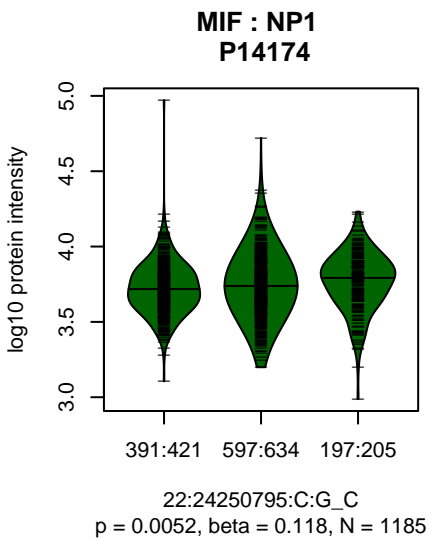
1241:967:605:501:354:298



Assay Target: SNED1
Olink UniProt: Q8TER0
UKB rsID: rs4234090
Proxy rsID: rs4234090
UKB SNP: 2:241922182:C:T
Proxy SNP: 2:241922182:C:T
UKB log10(p): 73.4
UKB BETA: 0.116

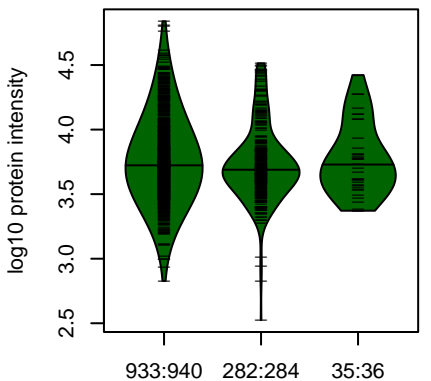
1257:1256:1236:1235:1220:119





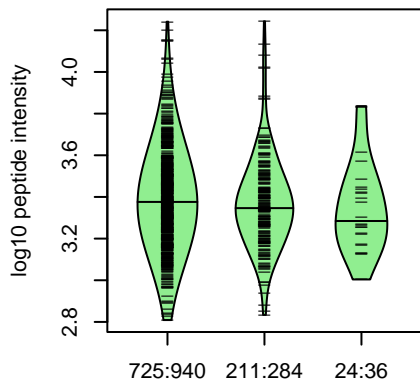
Assay Target: MIF
 Olink UniProt: P14174
 UKB rsID: rs2330634
 Proxy rsID: rs2330634
 UKB SNP: 22:24250795:C:G
 Proxy SNP: 22:24250795:C:G
 UKB log₁₀(p): 71.1
 UKB BETA: -0.112
 *.-
 1113:692

**CSPG4 : NP2
Q6UVK1**



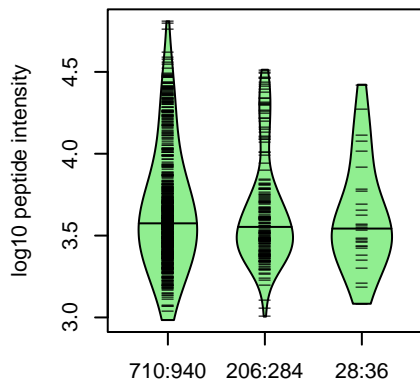
15:75969335:C:T_T
p = 0.21, beta = -0.0699, N = 1250

**VSDGLQASPPATLK pc2
Q6UVK1**



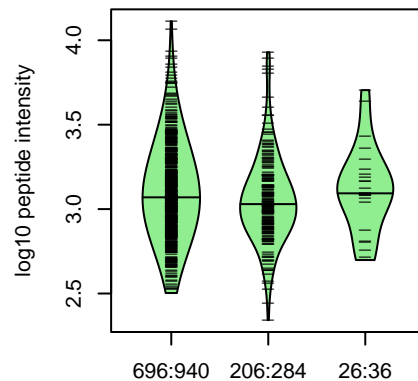
15:75969335:C:T_T
p = 0.18, beta = -0.0866, N = 960

**VTGALQFGELQK pc2
Q6UVK1**



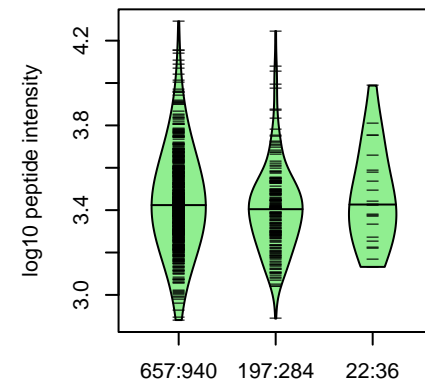
15:75969335:C:T_T
p = 0.41, beta = -0.0526, N = 944

**ASSSAGTDPQLLLYR pc2
Q6UVK1**



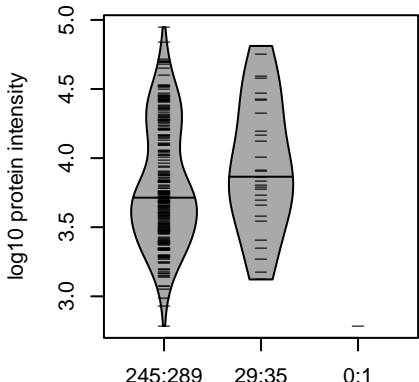
15:75969335:C:T_T
p = 0.13, beta = -0.098, N = 928

**IYVFQGEAAEIR pc2
Q6UVK1**



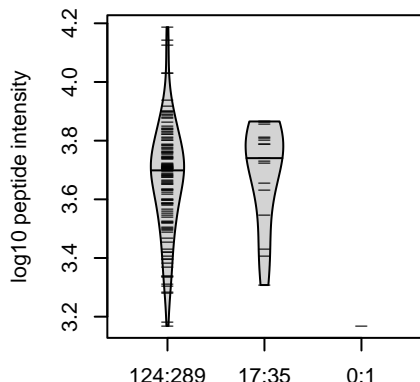
15:75969335:C:T_T
p = 0.17, beta = -0.0915, N = 876

**CSPG4 : NP2
Q6UVK1**



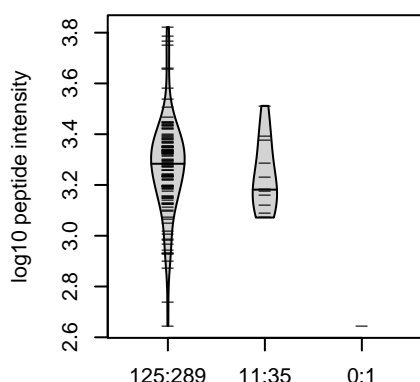
15:75969335:C:T_T
p = 0.042, beta = 0.393, N = 274

**HGELELDIPGAQAR pc3
Q6UVK1**



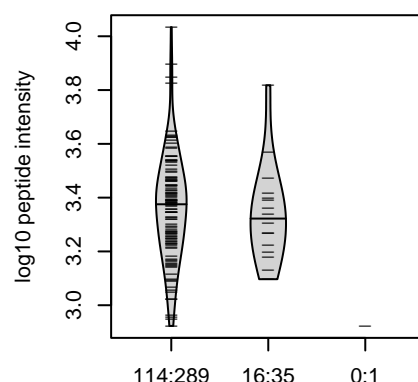
15:75969335:C:T_T
p = 0.66, beta = 0.11, N = 141

**APLEVPQALGR pc2
Q6UVK1**



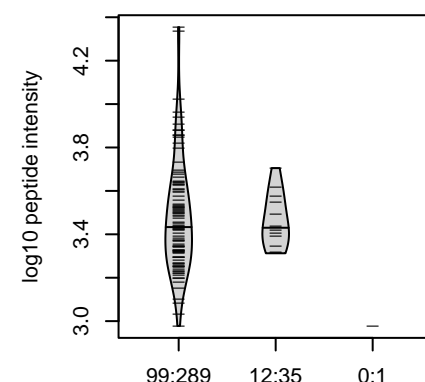
15:75969335:C:T_T
p = 0.45, beta = -0.231, N = 136

**DLLFGSIVAVDEPTRPIYR pc3
Q6UVK1**



15:75969335:C:T_T
p = 0.31, beta = -0.265, N = 130

**VAIQPVNDHAPVQTISR pc3
Q6UVK1**

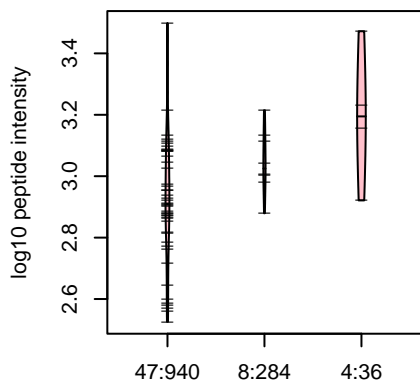


15:75969335:C:T_T
p = 0.47, beta = -0.217, N = 111

**DVAATLAVAVSFEAACPRPSHLWK f
rs8023621 REF**

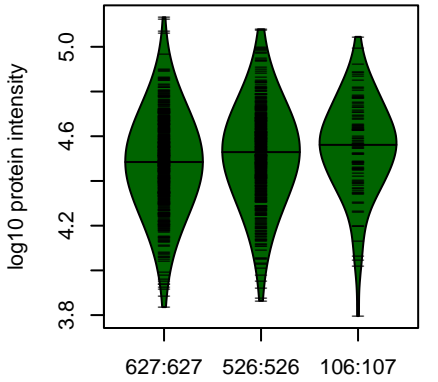
Assay Target: CSPG4
Olink UniProt: Q6UVK1
UKB rsID: rs77237106
Proxy rsID: rs77237106
UKB SNP: 15:75969335:C:T
Proxy SNP: 15:75969335:C:T
UKB log10(p): 68.6
UKB BETA: -0.136

960:944:928:876:875:867:789:7



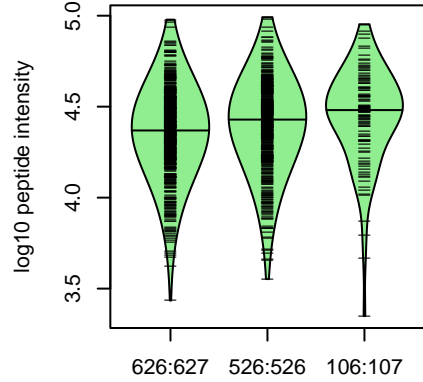
15:75969335:C:T_T
p = 0.083, model = DOM, N = 59

RALB : NP4
P11234



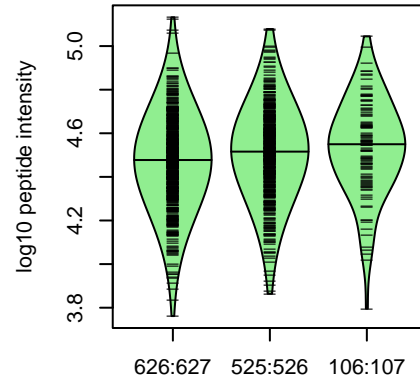
2:121034530:A:G_A
p = 7.5e-07, beta = 0.216, N = 1259

IPLLVGNGK pc2
P11234



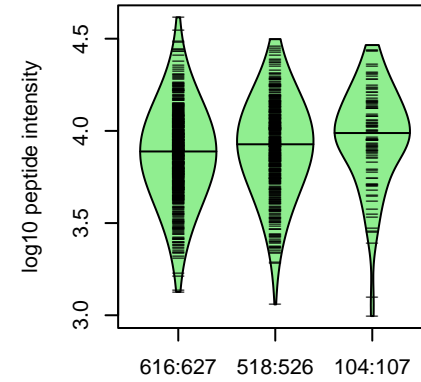
2:121034530:A:G_A
p = 2.1e-07, beta = 0.226, N = 1258

VFFDLMR pc2
P11233;P11234



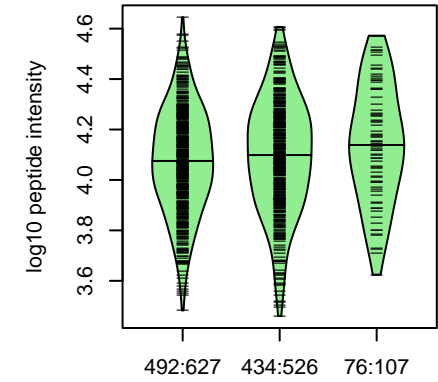
2:121034530:A:G_A
p = 6.5e-06, beta = 0.197, N = 1257

AEWGVQYVETSAK pc2
P11234



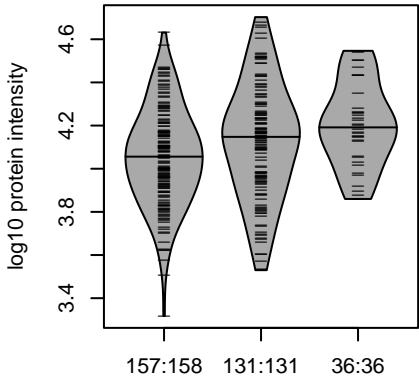
2:121034530:A:G_A
p = 5.9e-07, beta = 0.22, N = 1238

QVPVEEAR pc2
P11234



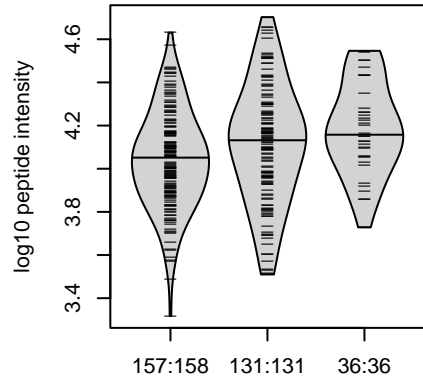
2:121034530:A:G_A
p = 0.0048, beta = 0.141, N = 1002

RALB : NP4
P11234



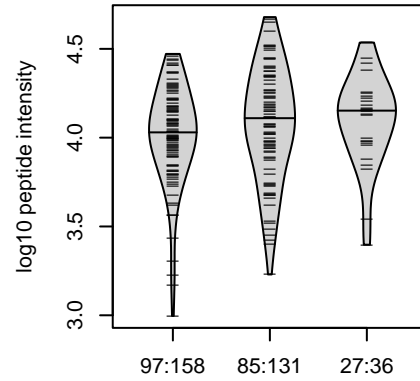
2:121034530:A:G_A
p = 0.0016, beta = 0.254, N = 324

IPLLVGNGK pc2
P11234



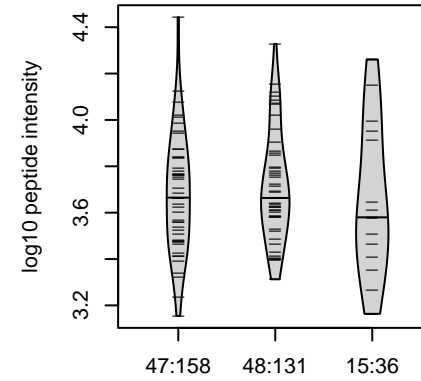
2:121034530:A:G_A
p = 0.0028, beta = 0.242, N = 324

VFFDLMR pc2
P11233;P11234



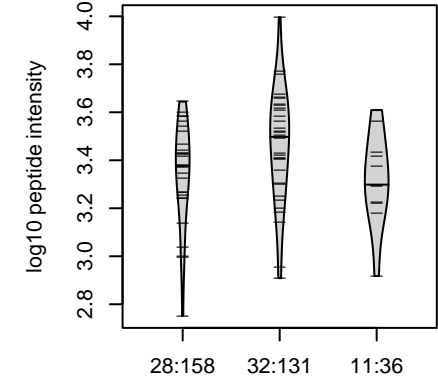
2:121034530:A:G_A
p = 0.28, beta = 0.105, N = 209

VIMVSGGVGK pc2
F8WEQ6;P11233;P11234



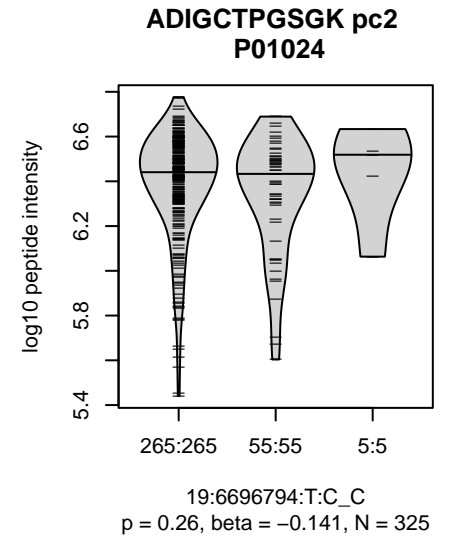
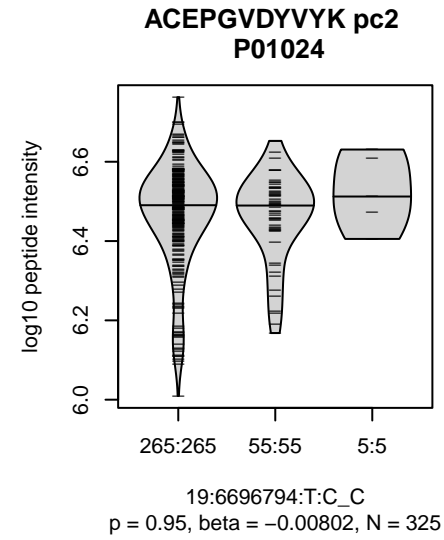
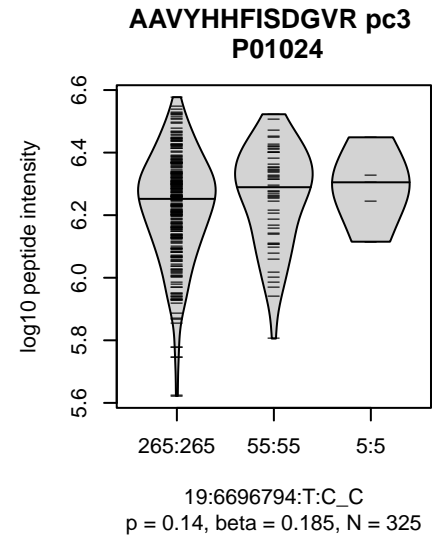
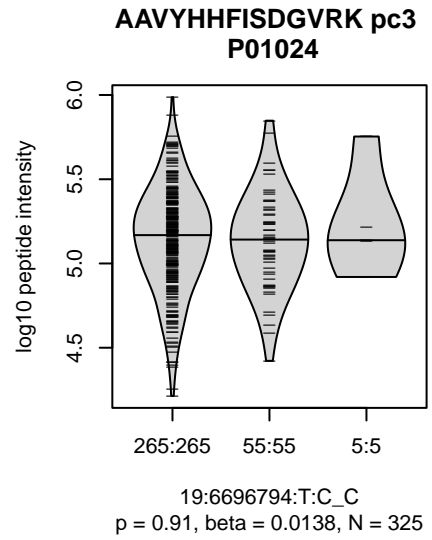
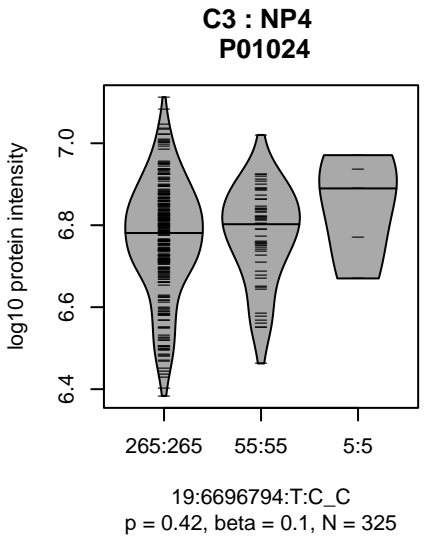
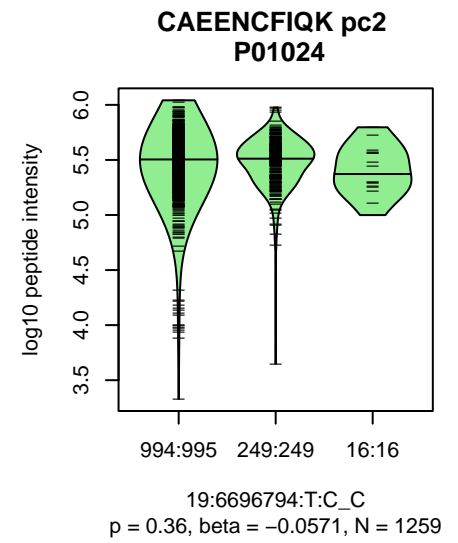
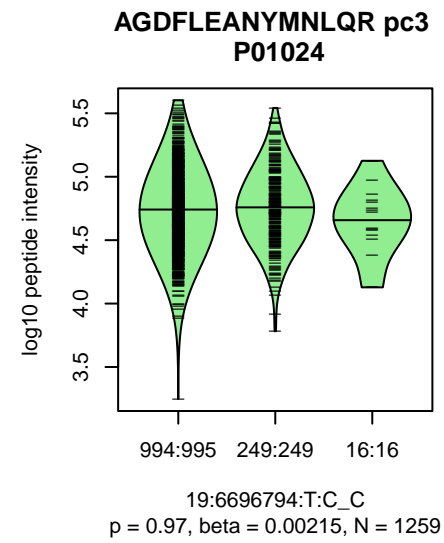
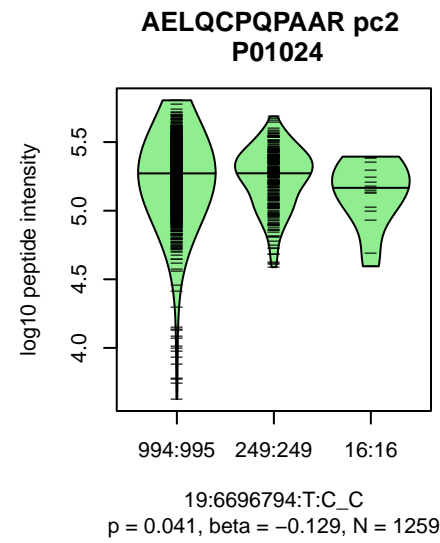
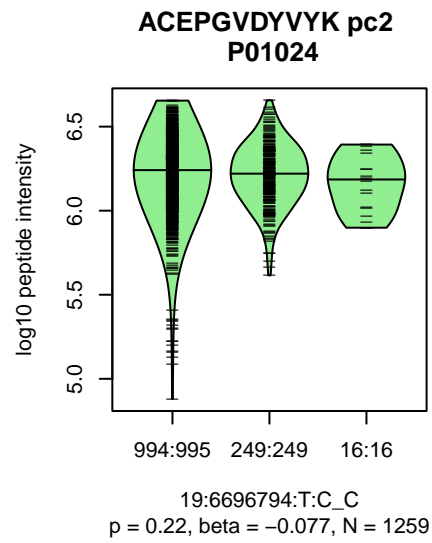
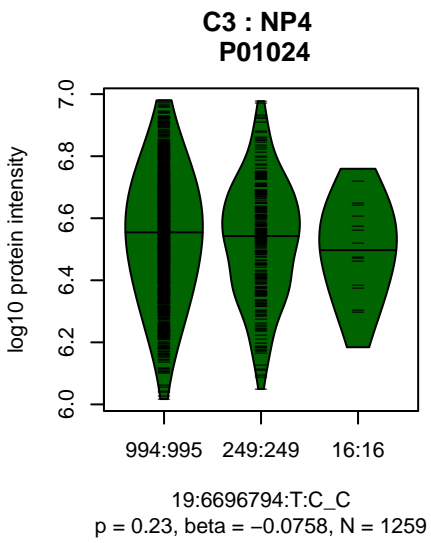
2:121034530:A:G_A
p = 0.75, beta = -0.0421, N = 110

GQSSLALHK pc2
F8WEQ6;P11234

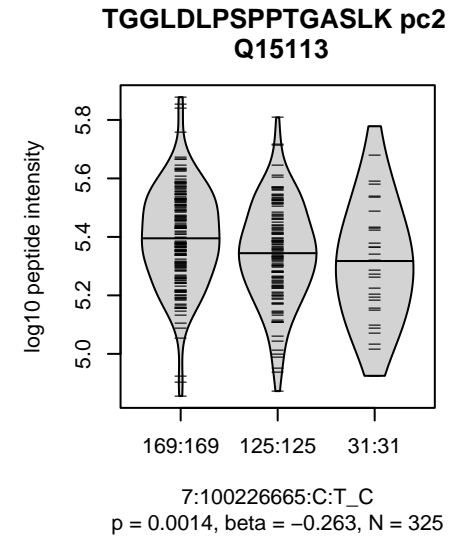
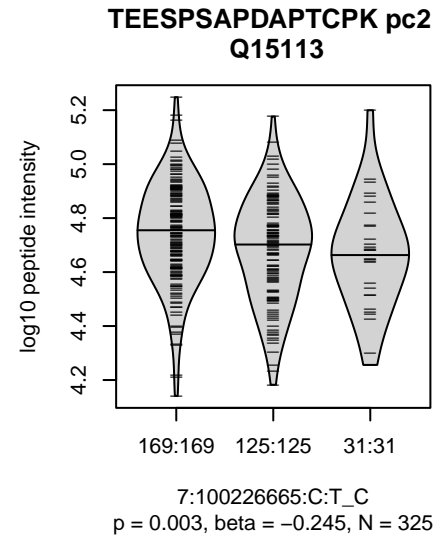
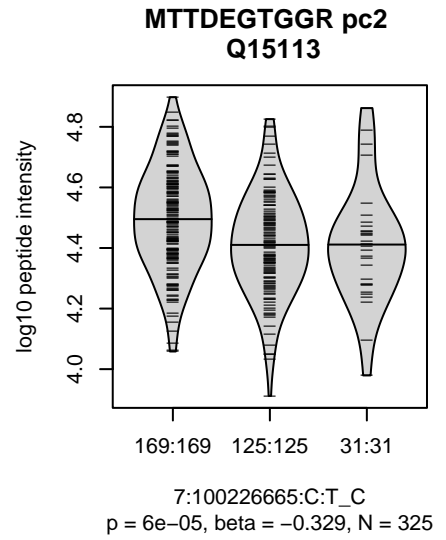
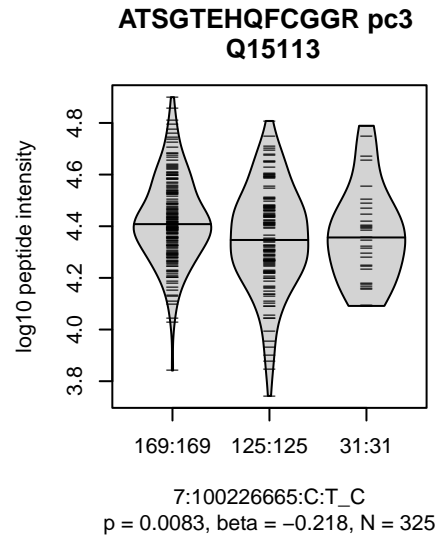
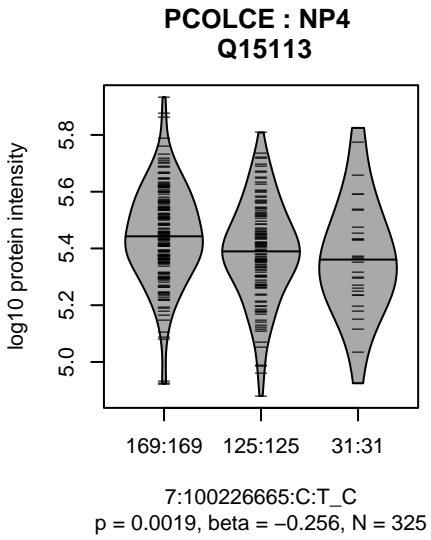
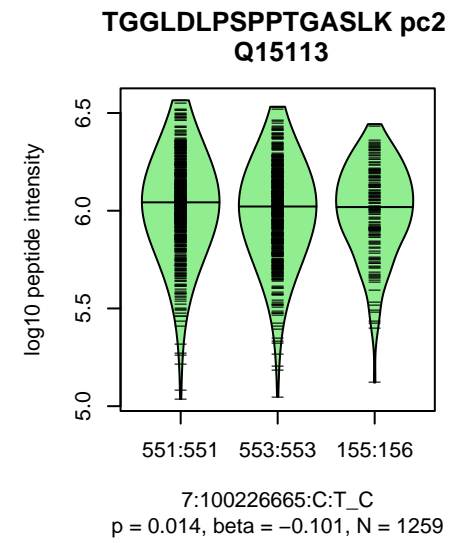
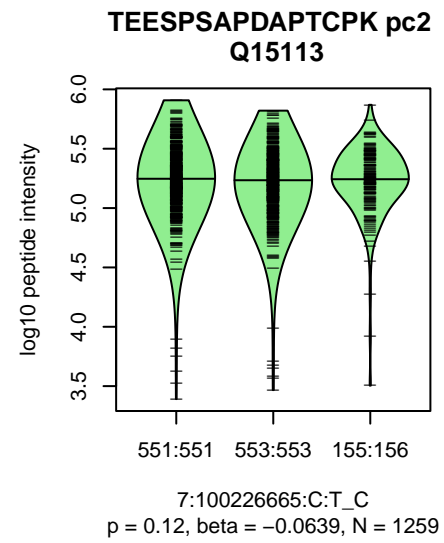
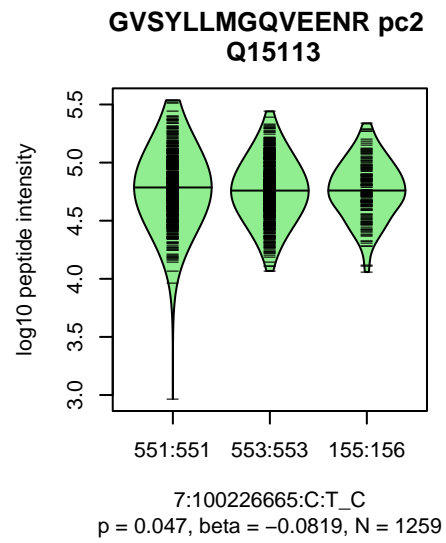
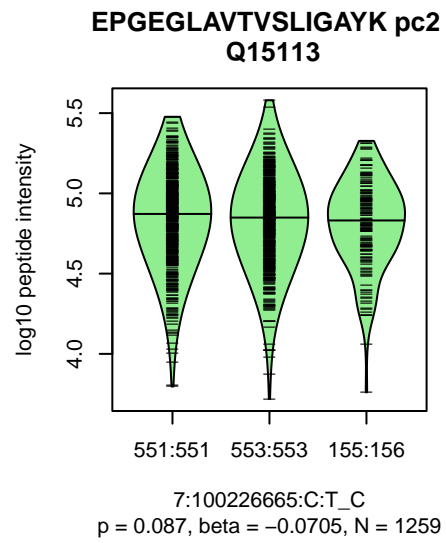
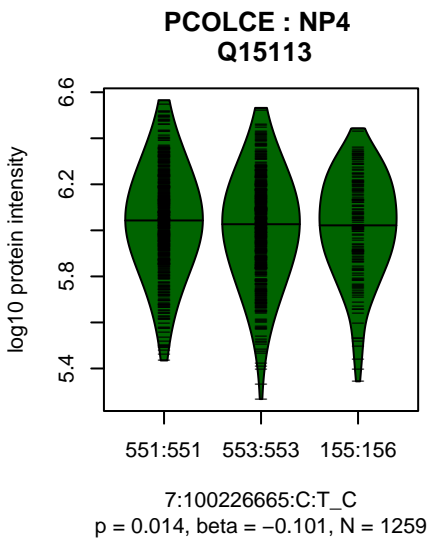


2:121034530:A:G_A
p = 0.83, beta = 0.036, N = 71

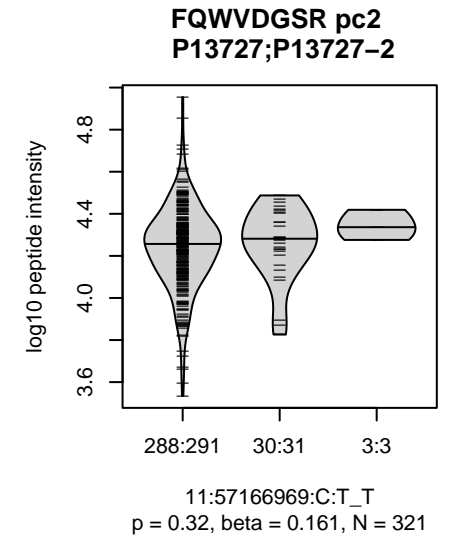
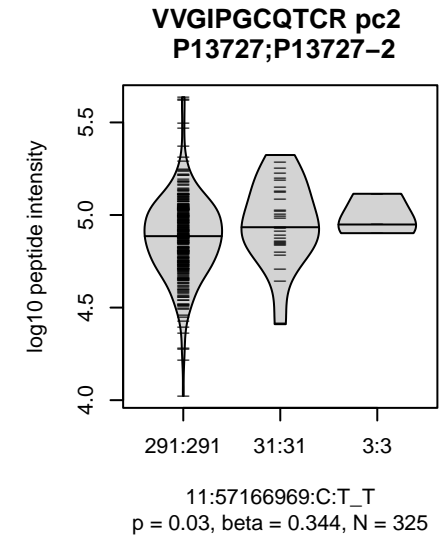
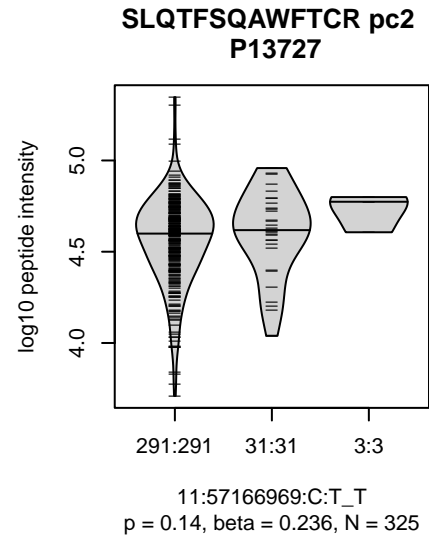
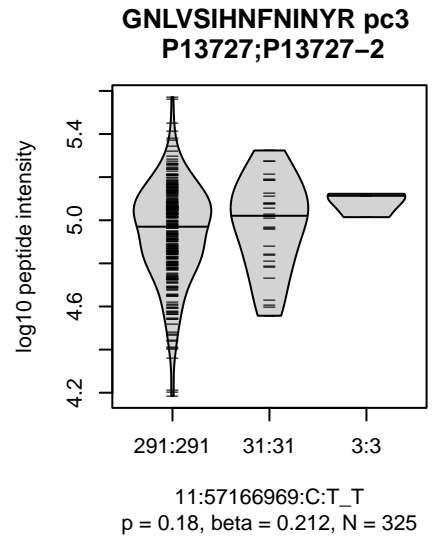
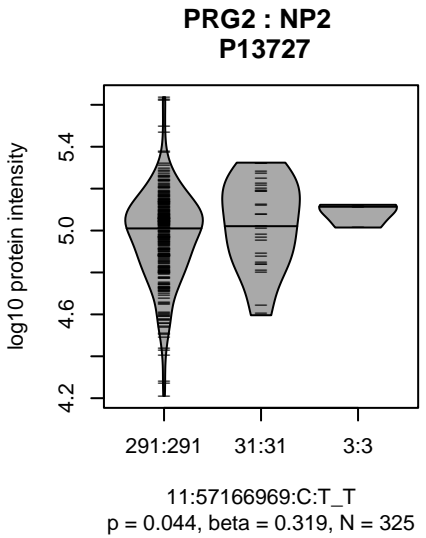
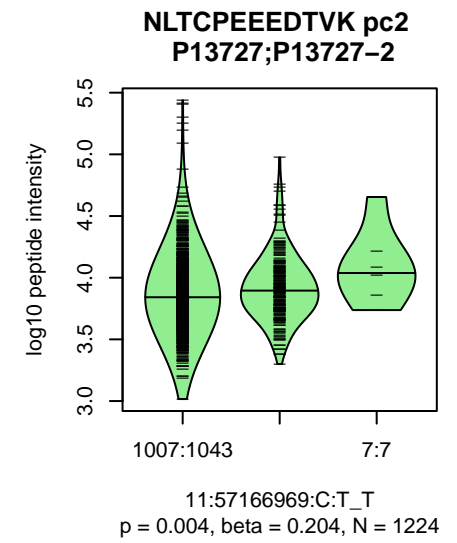
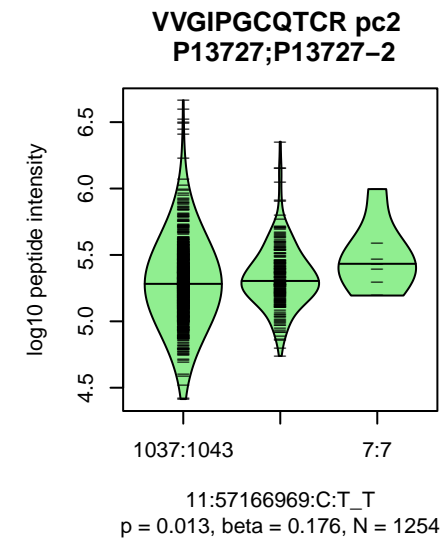
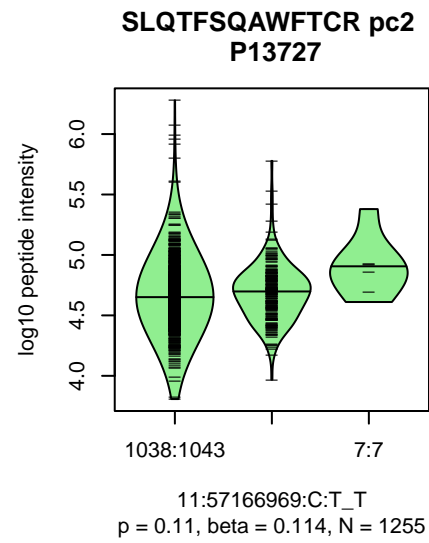
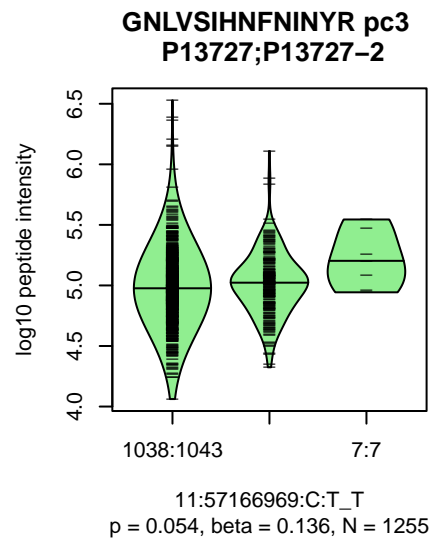
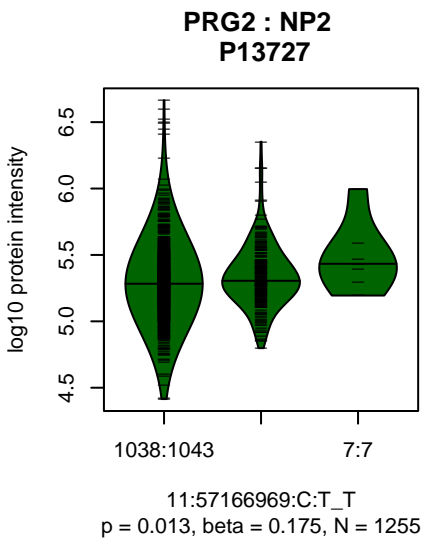
Assay Target: RALB
Olink UniProt: P11234
UKB rsID: rs148102406
Proxy rsID: rs4849847
UKB SNP: 2:121035039:T:TGTG
Proxy SNP: 2:121034530:A:G
UKB log10(p): 67.7
UKB BETA: -0.119
..*.*.*-.-.-.-.-
1258:1257:1238:1002:831:464:1



Assay Target: C3
 Olink UniProt: P01024
 UKB rsID: rs5826945
 Proxy rsID: rs11569479
 UKB SNP: 19:6697088:A:T
 Proxy SNP: 19:6696794:T:C
 UKB log10(p): 66.9
 UKB BETA: -0.157
 -----*
 1259:1259:1259:1259:1259:125

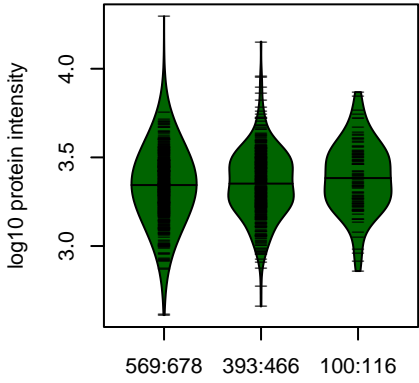


Assay Target: PCOLCE
 Olink UniProt: Q15113
 UKB rsID: rs4548095
 Proxy rsID: rs4548095
 UKB SNP: 7:100226665:C:T
 Proxy SNP: 7:100226665:C:T
 UKB log10(p): 63.7
 UKB BETA: 0.169
 -----*-----
 1259:1259:1259:1259:1259:125



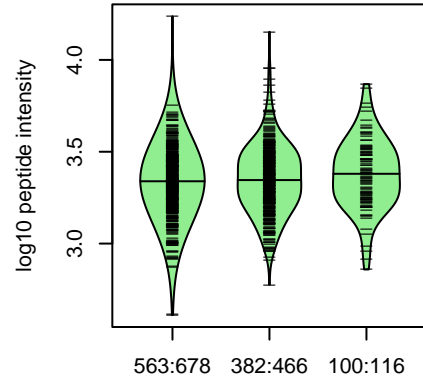
Assay Target: PRG2
 Olink UniProt: P13727
 UKB rsID: rs3741085
 Proxy rsID: rs3741085
 UKB SNP: 11:57166969:C:T
 Proxy SNP: 11:57166969:C:T
 UKB log10(p): 62.4
 UKB BETA: 0.15
 - - - - -
 1255:1255:1254:1224:1207:118

PSME2 : NP1
A0A087X1Z3;Q9UL46



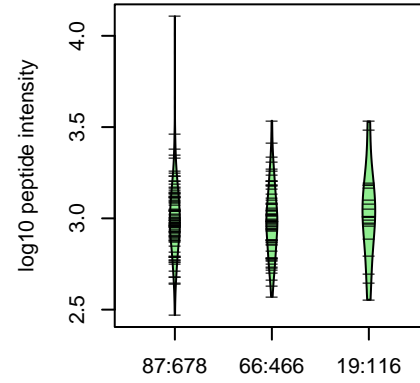
14:24610733:T:C_C
 $p = 0.082$, $\beta = 0.0804$, $N = 1062$

VLSLLALVKPEVWTLK pc3
A0A087X1Z3;H0YM70;Q9UL46



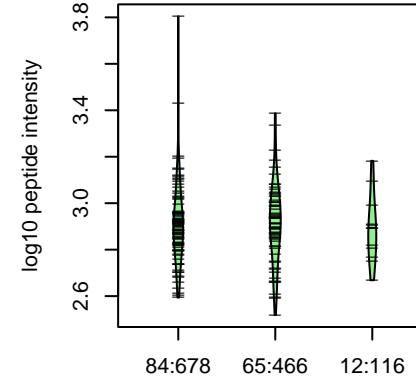
14:24610733:T:C_C
 $p = 0.088$, $\beta = 0.0793$, $N = 1045$

ALVHERDEAAYGELR pc3
A0A087X1Z3;H0YM70;Q9UL46



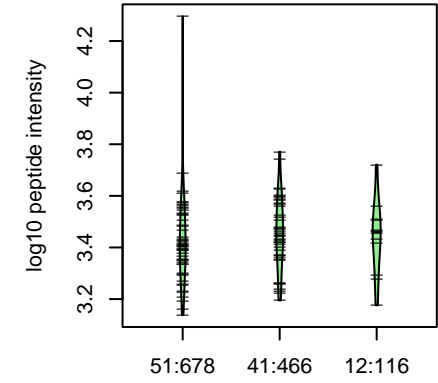
14:24610733:T:C_C
 $p = 0.66$, $\beta = 0.0488$, $N = 172$

QNLFQEAEEFLYR pc2
A0A087X1Z3;Q9UL46



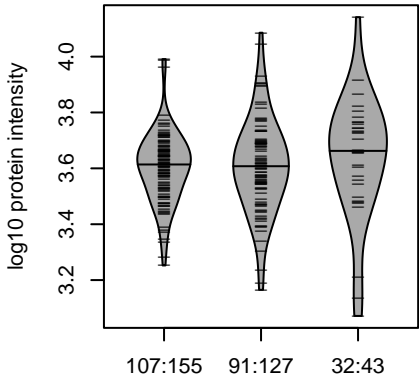
14:24610733:T:C_C
 $p = 0.96$, $\beta = 0.00633$, $N = 161$

CGFLPGNEK pc2
A0A087X1Z3;H0YM70;Q9UL46



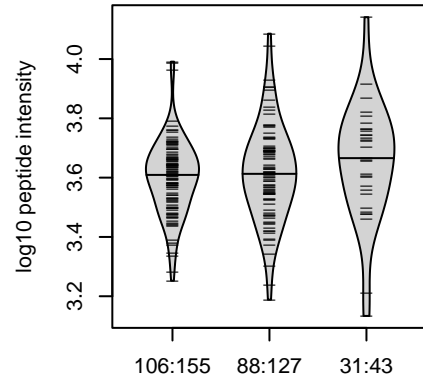
14:24610733:T:C_C
 $p = 0.44$, $\beta = 0.108$, $N = 104$

PSME2 : NP1
A0A087X1Z3;Q9UL46



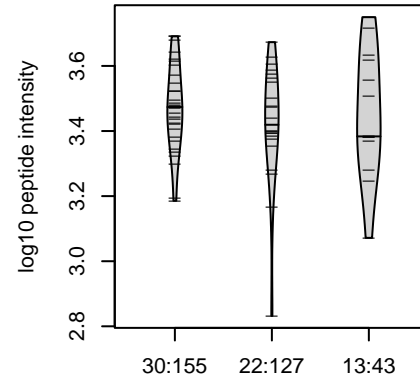
14:24610733:T:C_C
 $p = 0.42$, $\beta = 0.0737$, $N = 230$

VLSLLALVKPEVWTLK pc3
A0A087X1Z3;H0YM70;Q9UL46



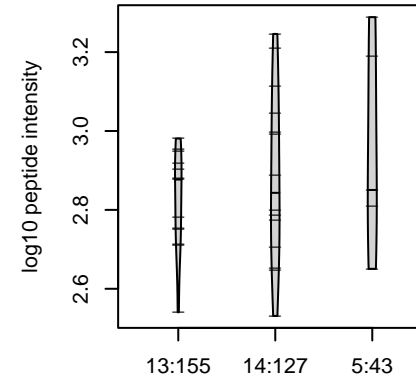
14:24610733:T:C_C
 $p = 0.32$, $\beta = 0.0933$, $N = 225$

VEAFQTTISK pc2
A0A087X1Z3;H0YM70;Q9UL46



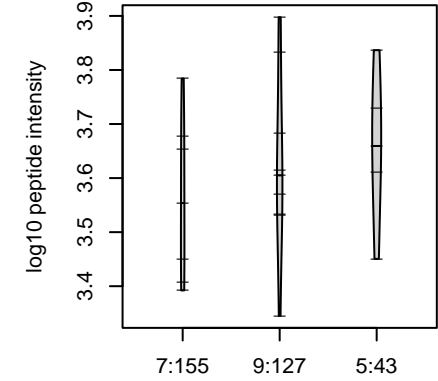
14:24610733:T:C_C
 $p = 0.98$, $\beta = 0.00392$, $N = 65$

QNLFQEAEEFLYR pc2
A0A087X1Z3;Q9UL46



14:24610733:T:C_C
 $p = 0.41$, $\beta = 0.194$, $N = 32$

CGFLPGNEK pc2
A0A087X1Z3;H0YM70;Q9UL46

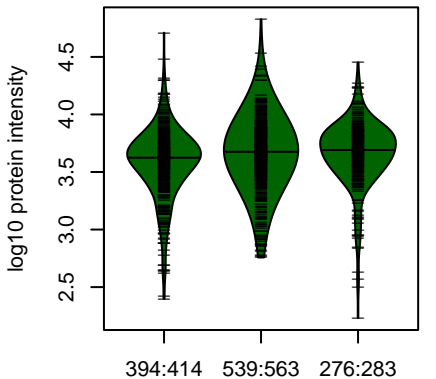


14:24610733:T:C_C
 $p = 0.8$, $\beta = 0.067$, $N = 21$

Assay Target: PSME2
Olink UniProt: Q9UL46
UKB rsID: rs2236352
Proxy rsID: rs2236352
UKB SNP: 14:24610733:T:C
Proxy SNP: 14:24610733:T:C
UKB log10(p): 58.8
UKB BETA: 0.111

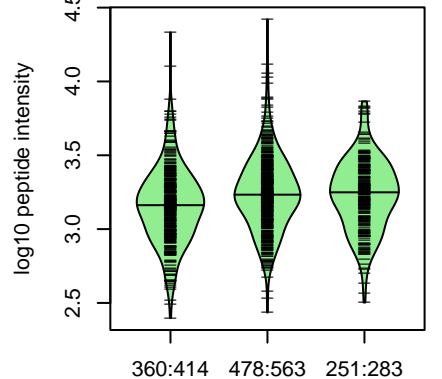
1045:172:161:104:92:91:54:45:3

CA2 : NP3
P00918



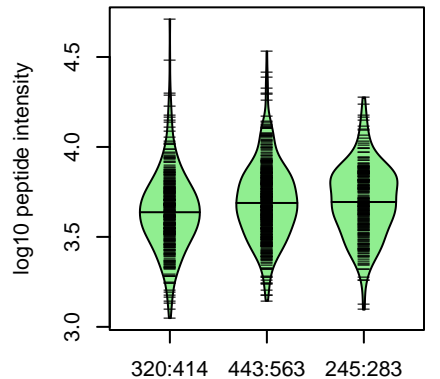
8:86860127:A:G_G
p = 0.00045, beta = 0.136, N = 1209

AVQQPDGLAVLGIFLK pc2
P00918



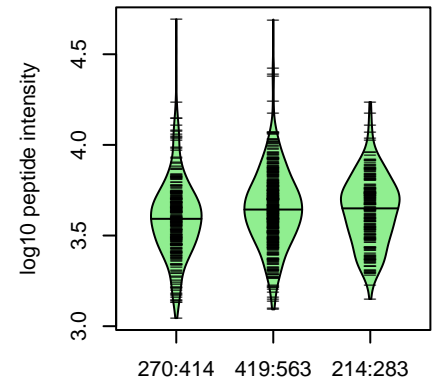
8:86860127:A:G_G
p = 0.00056, beta = 0.14, N = 1089

VVDVLDSIK pc2
P00918



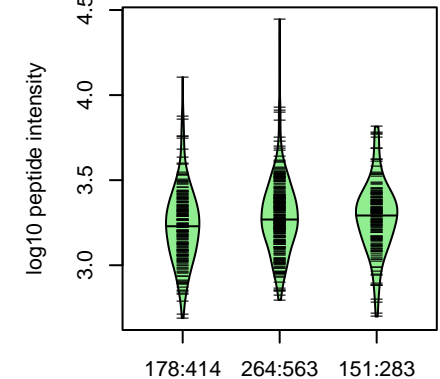
8:86860127:A:G_G
p = 0.0015, beta = 0.134, N = 1008

EPISVSSEQVLK pc2
P00918



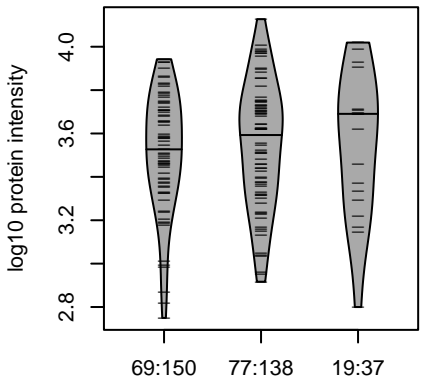
8:86860127:A:G_G
p = 0.018, beta = 0.108, N = 903

PLSVSYDQATSLR pc2
E5RID5;E5RK37;P00918



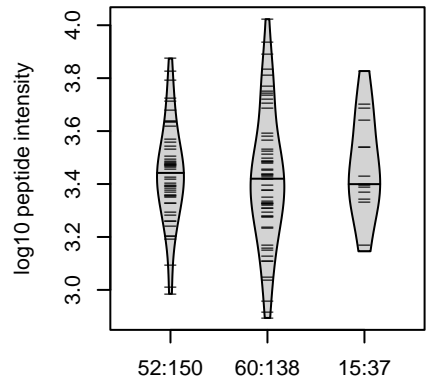
8:86860127:A:G_G
p = 0.0073, beta = 0.147, N = 593

CA2 : NP3
P00918



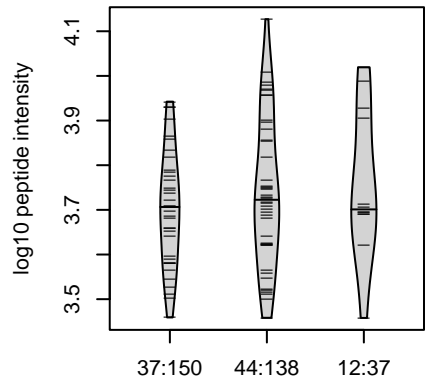
8:86860127:A:G_G
p = 0.39, beta = 0.0979, N = 165

EPISVSSEQVLK pc2
P00918



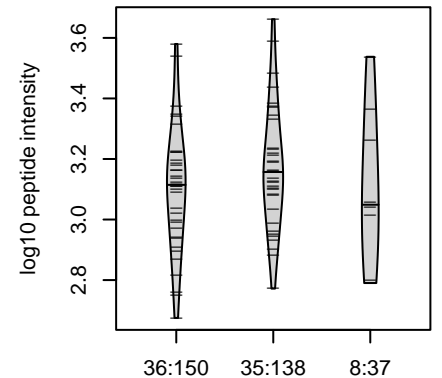
8:86860127:A:G_G
p = 0.51, beta = -0.0849, N = 127

VVDVLDSIK pc2
P00918



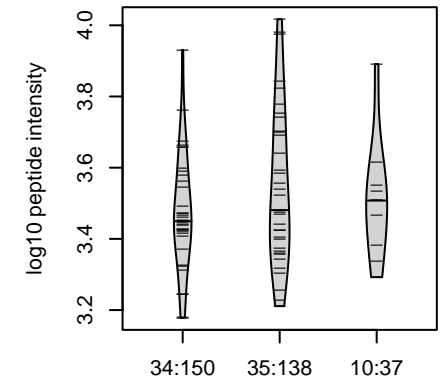
8:86860127:A:G_G
p = 0.44, beta = 0.116, N = 93

AVQQPDGLAVLGIFLK pc2
P00918



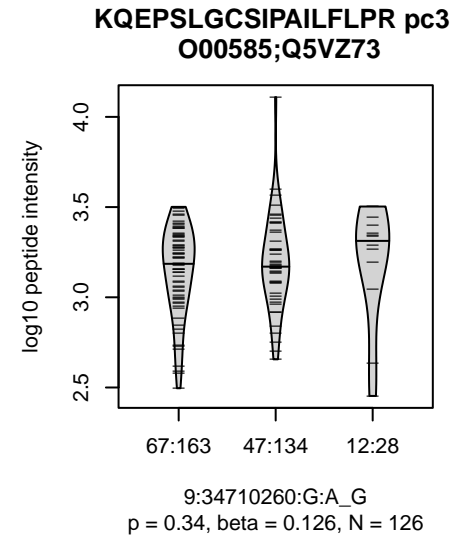
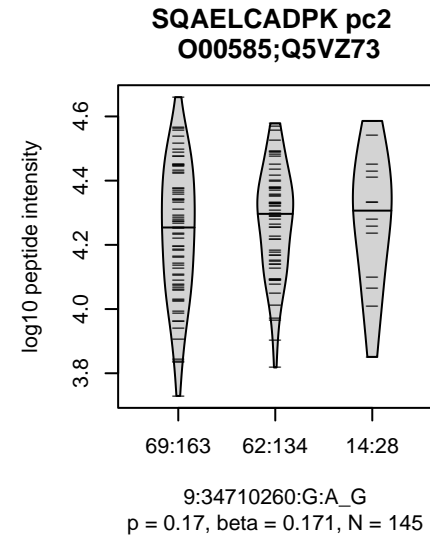
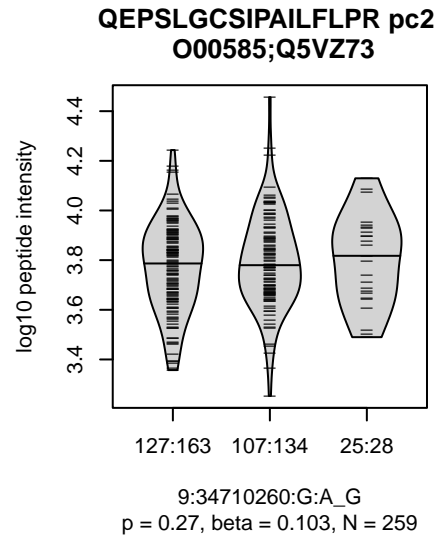
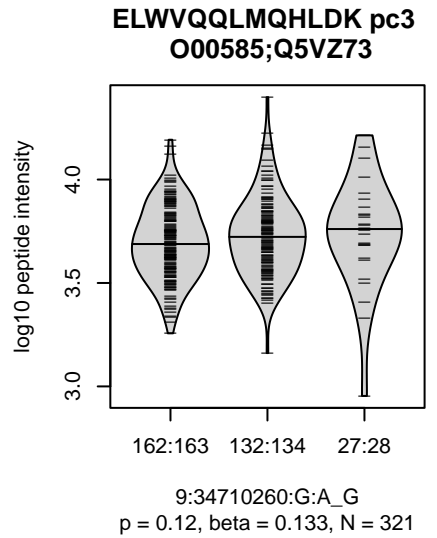
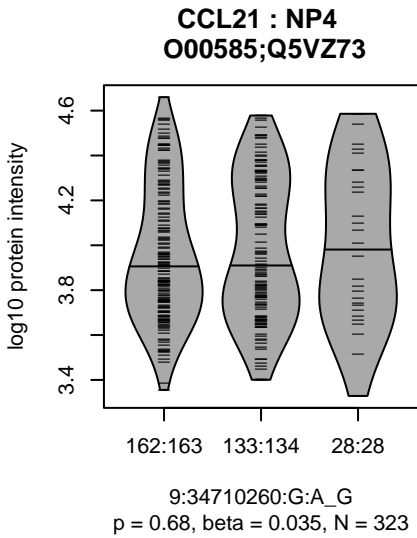
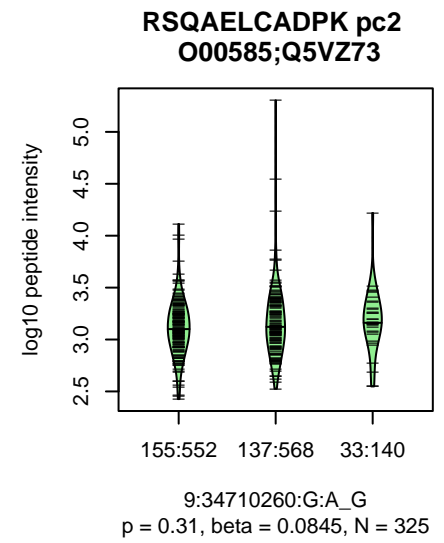
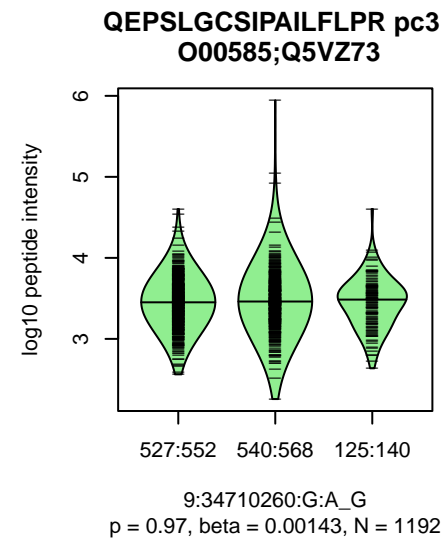
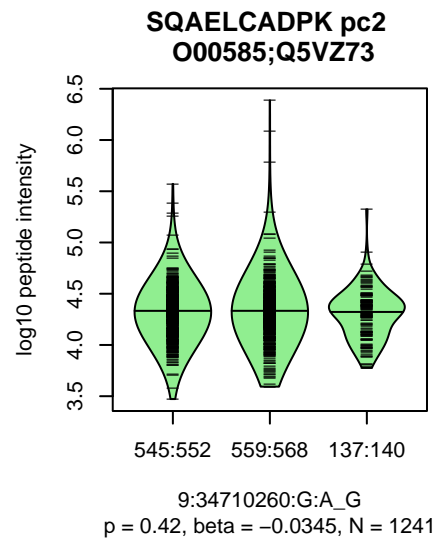
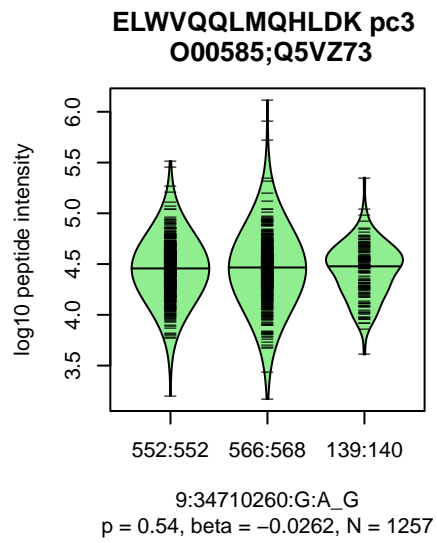
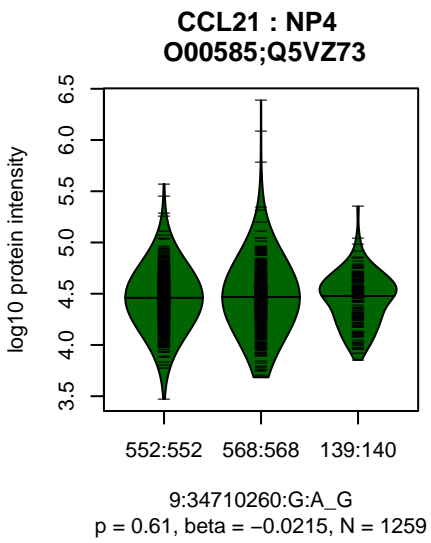
8:86860127:A:G_G
p = 0.66, beta = 0.0735, N = 79

GGPLDGTYSR pc2
P00918



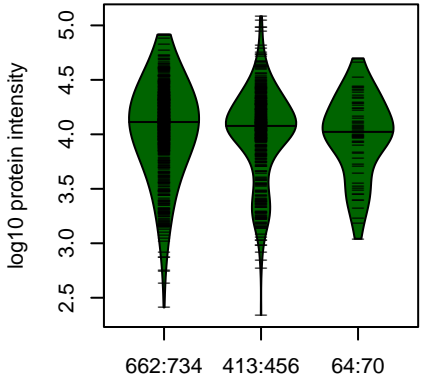
8:86860127:A:G_G
p = 0.29, beta = 0.167, N = 79

Assay Target: CA2
Olink UniProt: P00918
UKB rsID: rs2980370
Proxy rsID: rs2980370
UKB SNP: 8:86860127:A:G
Proxy SNP: 8:86860127:A:G
UKB log10(p): 58.8
UKB BETA: 0.097
::-*:-*:-*:-*:-*:-*:-NA:NA
1089:1008:903:593:574:513:440



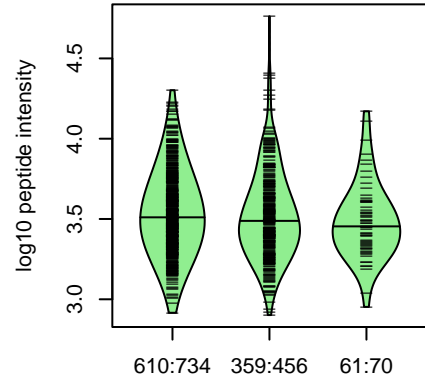
Assay Target: CCL21
 Olink UniProt: O00585
 UKB rsID: rs2812378
 Proxy rsID: rs2812378
 UKB SNP: 9:34710260:G:A
 Proxy SNP: 9:34710260:G:A
 UKB log10(p): 57.3
 UKB BETA: 0.101
 -:-:-:-:-:NA:NA
 1257:1241:1208:1192:325:310:

NBL1 : NP2
A0A087WTY6;P41271-2



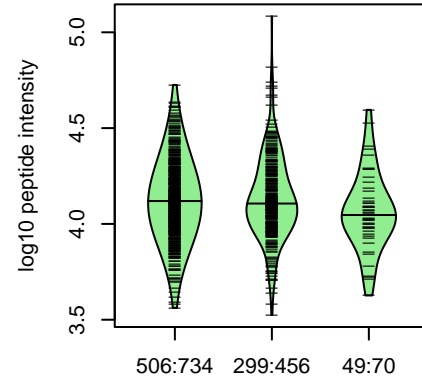
1:19968058:T:C_C
 $\rho = 0.093$, $\beta = -0.0823$, $N = 1139$

ILHCSCQACGK pc3
A0A087WTY6;P41271;P41271-2



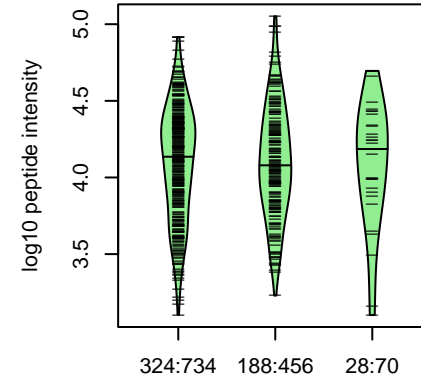
1:19968058:T:C_C
 $\rho = 0.23$, $\beta = -0.0609$, $N = 1030$

SAWCEAK pc2
A0A087WTY6;P41271;P41271-2



1:19968058:T:C_C
 $\rho = 0.59$, $\beta = -0.0303$, $N = 854$

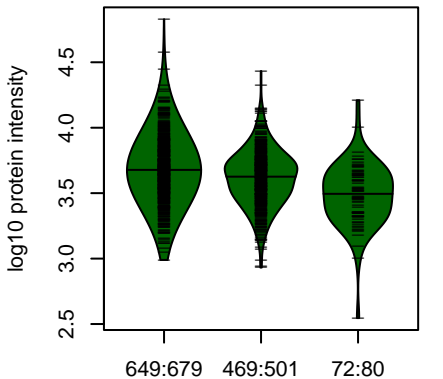
LALFPDK pc2
A0A087WTY6;P41271;P41271-2



1:19968058:T:C_C
 $\rho = 0.98$, $\beta = 0.00178$, $N = 540$

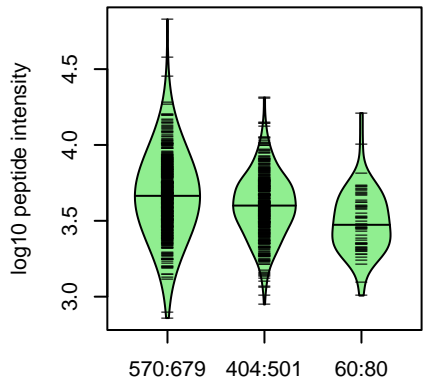
Assay Target: NBL1
 Olink UniProt: P41271
 UKB rsID: rs12408663
 Proxy rsID: rs12408663
 UKB SNP: 1:19968058:T:C
 Proxy SNP: 1:19968058:T:C
 UKB log10(p): 55.9
 UKB BETA: -0.114
 -:-:-:-
 1030:854:540:517

**ANXA5 : NP1
P08758**



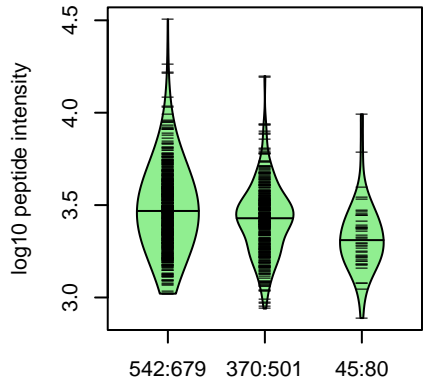
4:122595981:C:A_A
p = 4.6e-12, beta = -0.325, N = 1190

**FITIFGTR pc2
D6RBE9;D6RBL5;P08758**



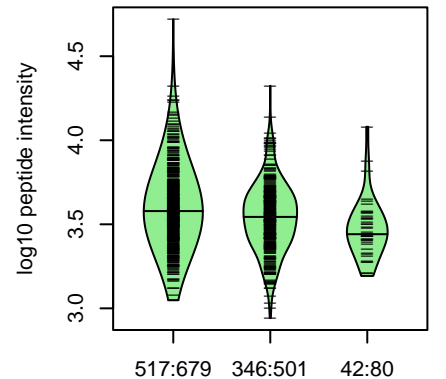
4:122595981:C:A_A
p = 4.3e-11, beta = -0.334, N = 1034

**GTVTDFPGFDER pc2
D6RBE9;D6RCN3;E9PHT9;P08758**



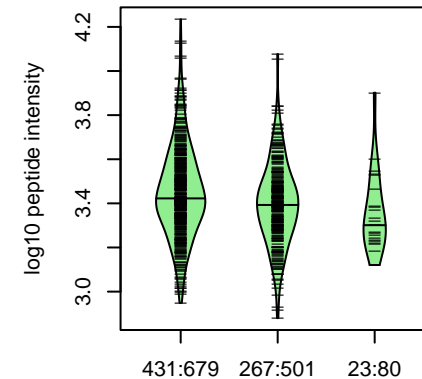
4:122595981:C:A_A
p = 7.8e-07, beta = -0.269, N = 957

**SEIDLFNIR pc2
D6RBE9;D6RBL5;P08758**



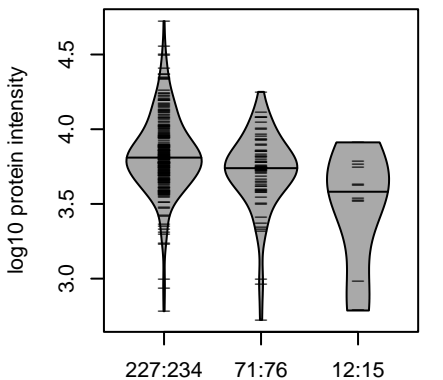
4:122595981:C:A_A
p = 1.6e-05, beta = -0.243, N = 905

**NFATSLYSMIK pc2
D6RBE9;D6RBL5;P08758**



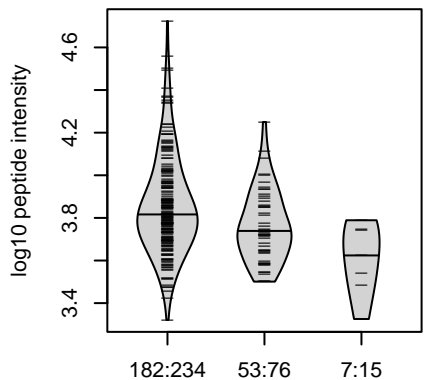
4:122595981:C:A_A
p = 9e-04, beta = -0.22, N = 721

**ANXA5 : NP1
P08758**



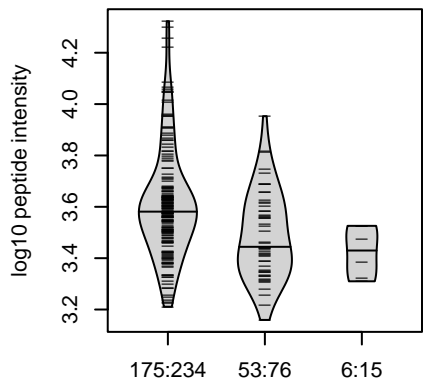
4:122595981:C:A_A
p = 4.1e-05, beta = -0.422, N = 310

**FITIFGTR pc2
D6RBE9;D6RBL5;P08758**



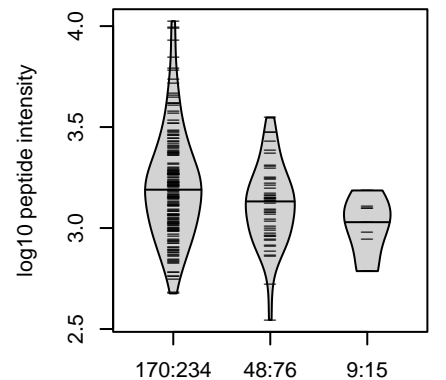
4:122595981:C:A_A
p = 5.3e-05, beta = -0.495, N = 242

**GTVTDFPGFDER pc2
D6RBE9;D6RCN3;E9PHT9;P08758**



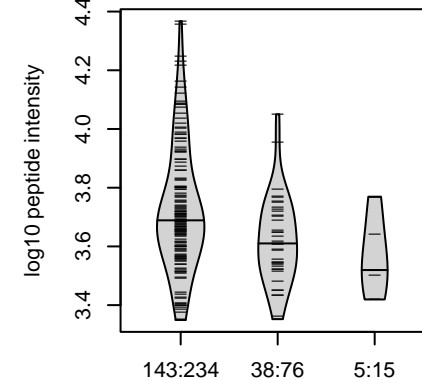
4:122595981:C:A_A
p = 0.00014, beta = -0.48, N = 234

**GLGTDEESILLLLTSR pc2
E9PHT9;P08758**



4:122595981:C:A_A
p = 0.0031, beta = -0.358, N = 227

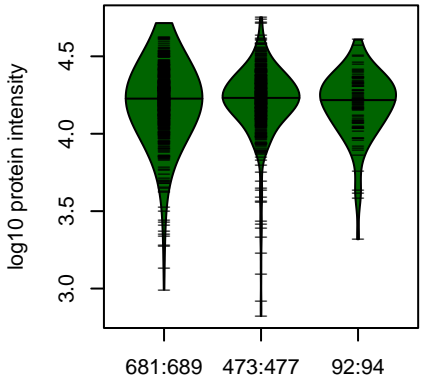
**SEIDLFNIR pc2
D6RBE9;D6RBL5;P08758**



4:122595981:C:A_A
p = 0.0012, beta = -0.463, N = 186

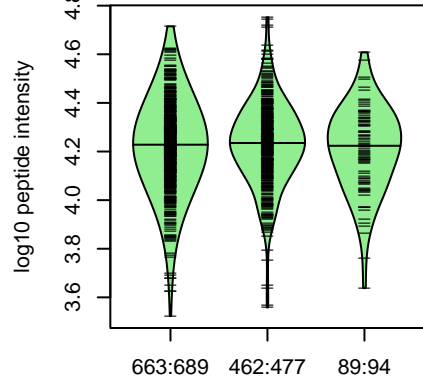
Assay Target: ANXA5
Olink UniProt: P08758
UKB rsID: rs73844249
Proxy rsID: rs73844249
UKB SNP: 4:122595981:C:A
Proxy SNP: 4:122595981:C:A
UKB log10(p): 55.5
UKB BETA: -0.11
::*:*:*:-:-:-:-:-:NA
1034:957:905:721:641:579:208:

**CDH2 : NP2
P19022**



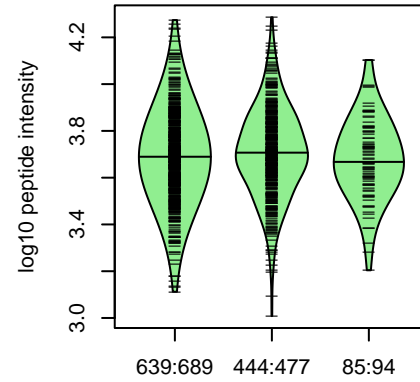
18:25686372:T:C_C
p = 0.96, beta = 0.00218, N = 1246

**FLIYAQDK pc2
A0A6Q8PF58;C9J126;P19022-2;P19**



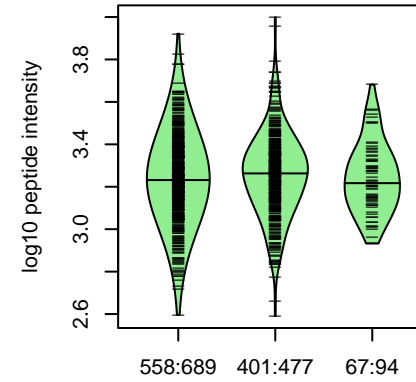
18:25686372:T:C_C
p = 0.78, beta = 0.0124, N = 1214

**DVHEGQPLLNVK pc3
P19022**



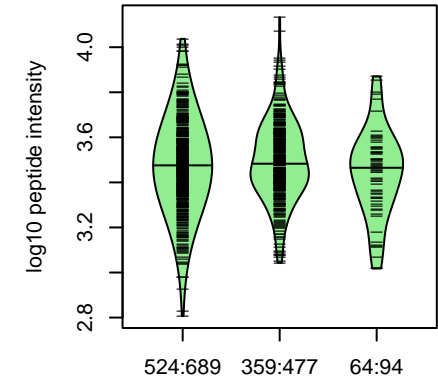
18:25686372:T:C_C
p = 0.55, beta = 0.0276, N = 1168

**VQYESSEPADFK pc2
P19022-2;P19022**



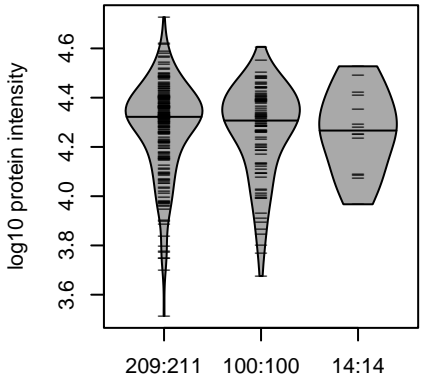
18:25686372:T:C_C
p = 0.29, beta = 0.0535, N = 1026

**VDEDGMVYAVR pc2
P19022-2;P19022**



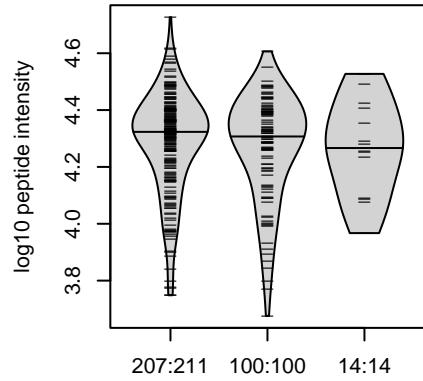
18:25686372:T:C_C
p = 0.85, beta = 0.00969, N = 947

**CDH2 : NP2
P19022**



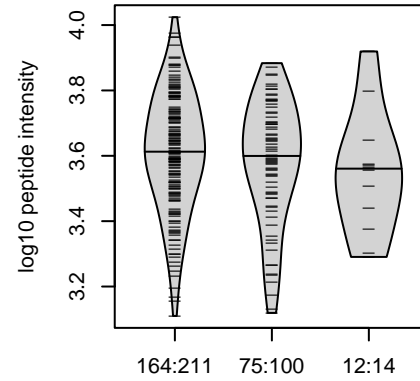
18:25686372:T:C_C
p = 0.45, beta = -0.0722, N = 323

**FLIYAQDK pc2
A0A6Q8PF58;C9J126;P19022-2;P19**



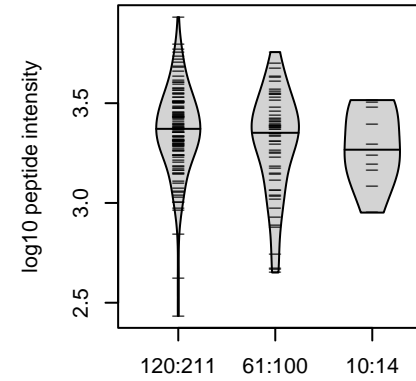
18:25686372:T:C_C
p = 0.41, beta = -0.0789, N = 321

**VDEDGMVYAVR pc2
P19022-2;P19022**



18:25686372:T:C_C
p = 0.12, beta = -0.168, N = 251

**DVHEGQPLLNVK pc2
P19022**

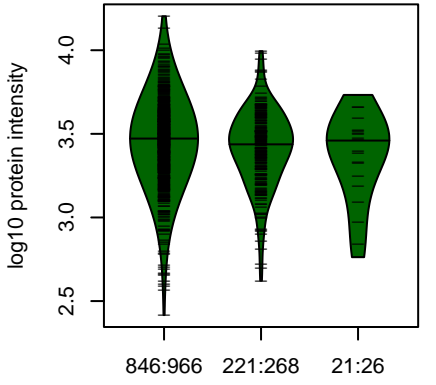


18:25686372:T:C_C
p = 0.059, beta = -0.226, N = 191

Assay Target: CDH2
Olink UniProt: P19022
UKB rsID: rs12457737
Proxy rsID: rs12457737
UKB SNP: 18:25686372:T:C
Proxy SNP: 18:25686372:T:C
UKB log10(p): 55.1
UKB BETA: -0.096

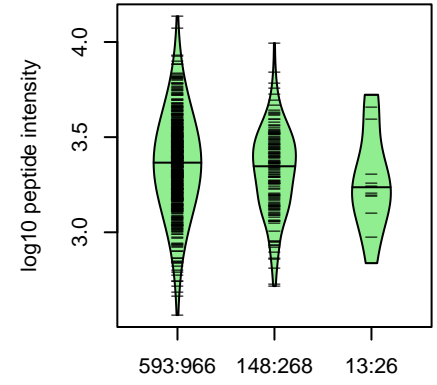
1214:1168:1026:947:940:308:22

**TXNDC5 : NP4
Q8NBS9**



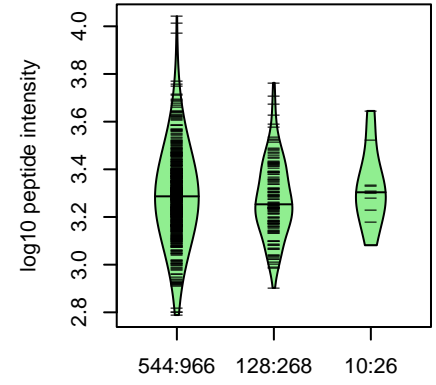
6:7882205:G:A_A
p = 0.014, beta = -0.157, N = 1088

**GYPTLLLFR pc2
Q8NBS9;Q8NBS9-2**



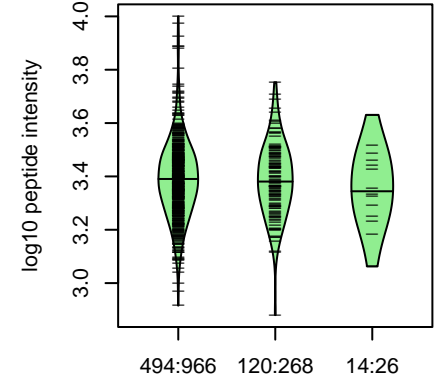
6:7882205:G:A_A
p = 0.027, beta = -0.174, N = 754

**IAEVDCTAER pc2
Q8NBS9;Q8NBS9-2**



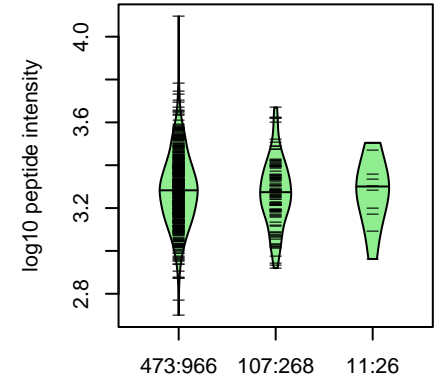
6:7882205:G:A_A
p = 0.52, beta = -0.055, N = 682

**ALAPTWEQLALGLEHSETVK pc3
Q8NBS9;Q8NBS9-2**



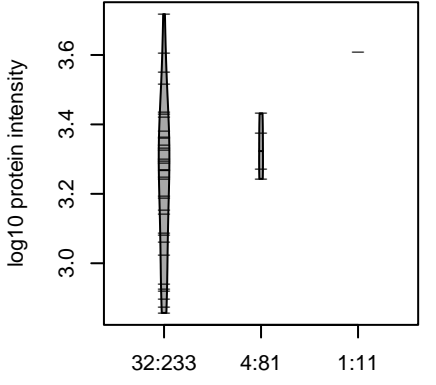
6:7882205:G:A_A
p = 0.87, beta = 0.0136, N = 628

**GYPTLLWFR pc2
Q8NBS9;Q8NBS9-2**



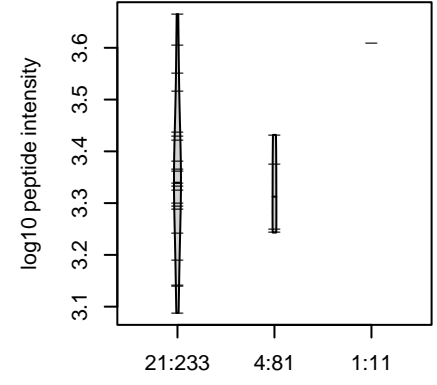
6:7882205:G:A_A
p = 0.56, beta = -0.0526, N = 591

**TXNDC5 : NP4
Q8NBS9**



6:7882205:G:A_A
p = 0.08, beta = 0.612, N = 37

**ALAPTWEQLALGLEHSETVK pc3
Q8NBS9;Q8NBS9-2**

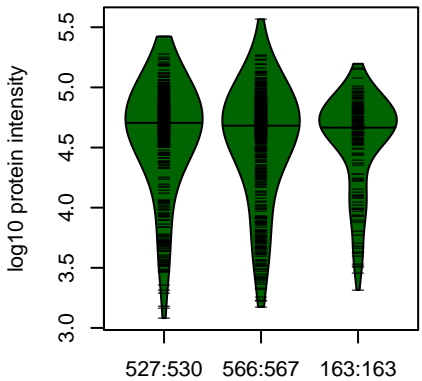


6:7882205:G:A_A
p = 0.21, beta = 0.451, N = 26

Assay Target: TXNDC5
Olink UniProt: Q8NBS9
UKB rsID: rs7764128
Proxy rsID: rs7764128
UKB SNP: 6:7882205:G:A
Proxy SNP: 6:7882205:G:A
UKB log10(p): 53.8
UKB BETA: -0.148

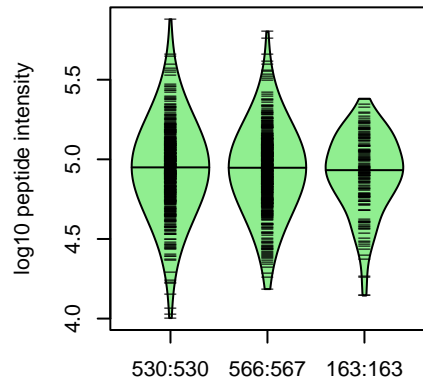
754:682:628:591:582:500:471:3

**ENO3 : NP4
P13929**



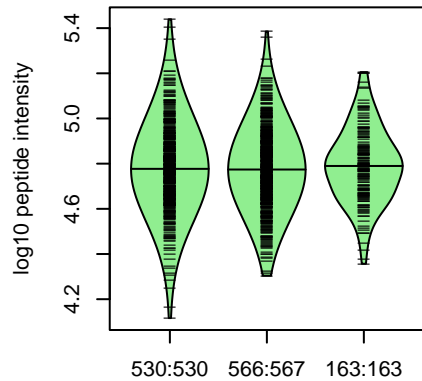
17:4835217:T:C_T
p = 0.011, beta = -0.105, N = 1256

**AAVPSGASTGIYEALR pc2
3;A0A2R8YEG5;F5H0C8;P09104-2;P1Y6G6;P09104-2;P13929;P13929-3;P06;F5H0C8;P09104-2;P13929;P13929-3**



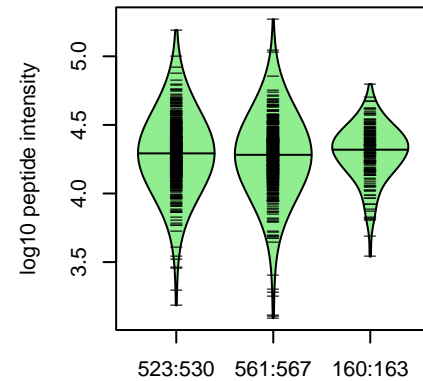
17:4835217:T:C_T
p = 0.22, beta = -0.0506, N = 1259

FGANAILGVSLAVCK pc2

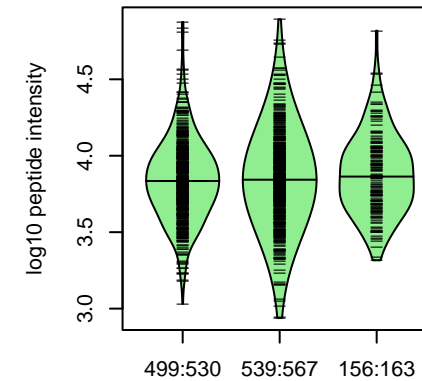


17:4835217:T:C_T
p = 0.93, beta = 0.00355, N = 1259

**SGETEDTFIADLVVGLCTGQIK pc3ADLAGNPDLILPVPFNVINGGSHAGN
P13929;P13929-3**

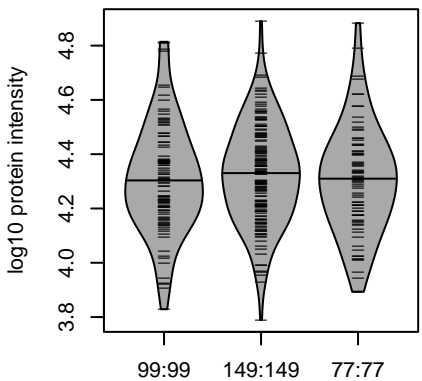


17:4835217:T:C_T
p = 0.53, beta = -0.026, N = 1244



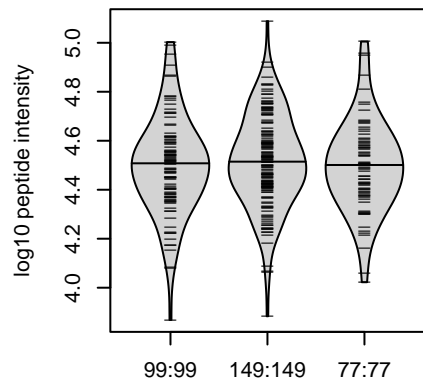
17:4835217:T:C_T
p = 0.33, beta = 0.0408, N = 1194

**ENO3 : NP4
P13929**



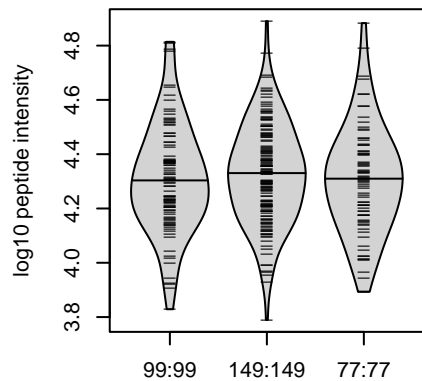
17:4835217:T:C_T
p = 0.4, beta = -0.0627, N = 325

**AAVPSGASTGIYEALR pc2
3;A0A2R8YEG5;F5H0C8;P09104-2;P1**



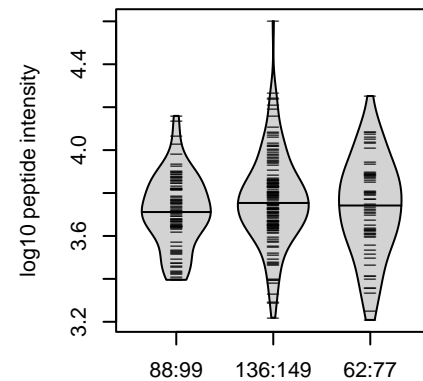
17:4835217:T:C_T
p = 0.37, beta = -0.0672, N = 325

**VNQIGSVTESIQACK pc2
P13929;P13929-3**

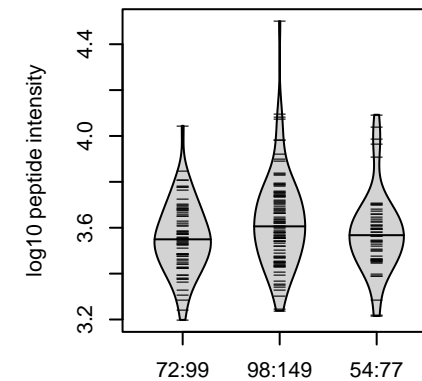


17:4835217:T:C_T
p = 0.4, beta = -0.0627, N = 325

**SGETEDTFIADLVVGLCTGQIK pc3
6;F5H0C8;P09104-2;P13929;P13929-Y6G6;P09104-2;P13929;P13929-3;P0**

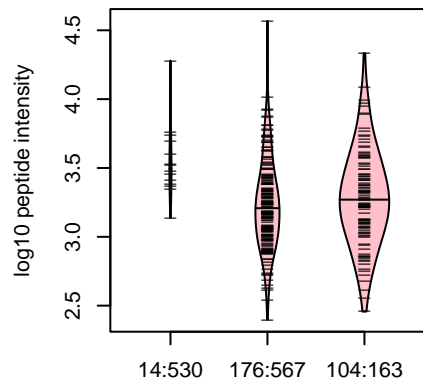


17:4835217:T:C_T
p = 0.21, beta = 0.101, N = 286



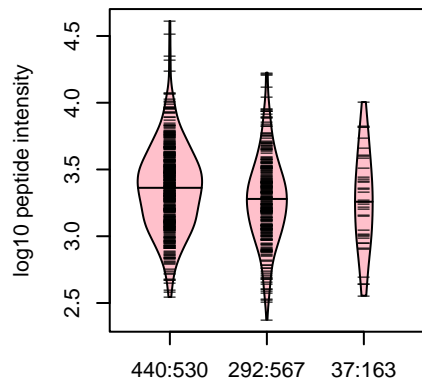
17:4835217:T:C_T
p = 0.29, beta = 0.0931, N = 224

**AVENINNTLGPALLQK pc2
rs238238 REF**



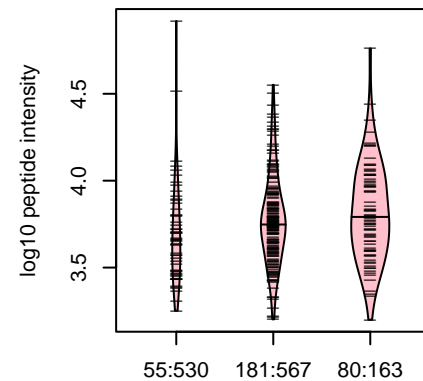
17:4835217:T:C_T
p = 1.5e-59, model = REC, N = 294

**AVENINSTLGPALLQK pc2
rs238238 ALT**



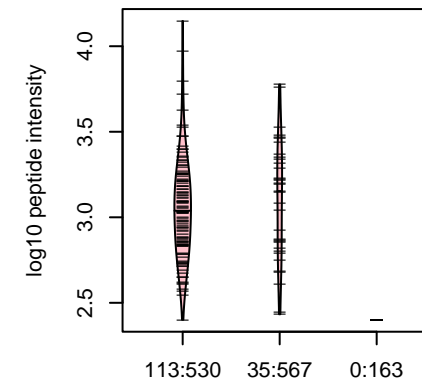
17:4835217:T:C_T
p = 1.7e-44, model = REC, N = 769

**LSVVDQEK pc2
rs238239 REF**



17:4835217:T:C_T
p = 1.8e-26, model = REC, N = 316

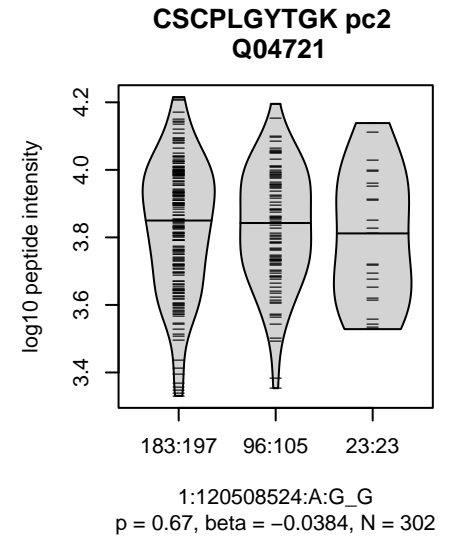
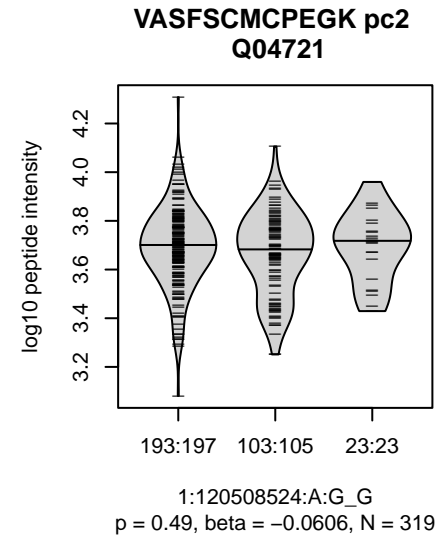
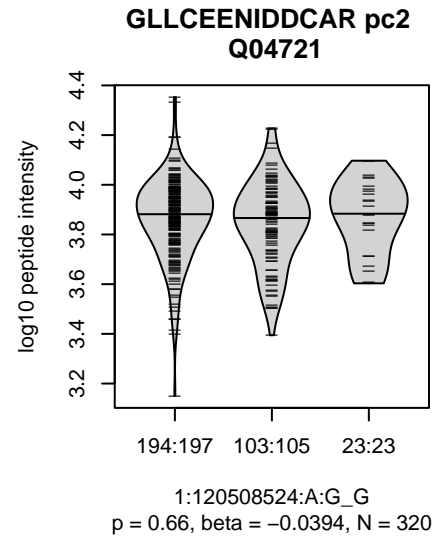
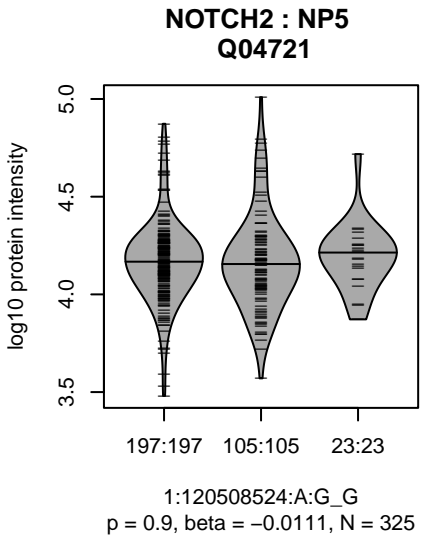
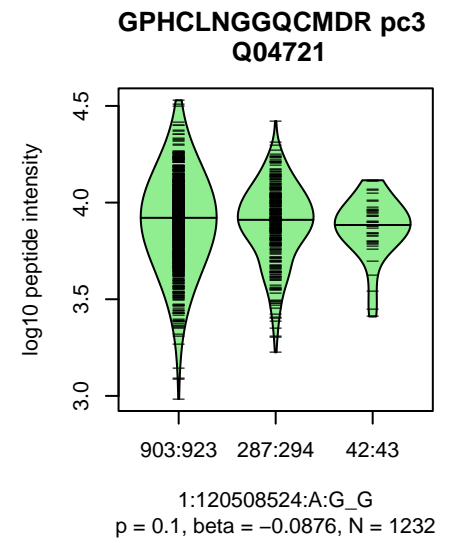
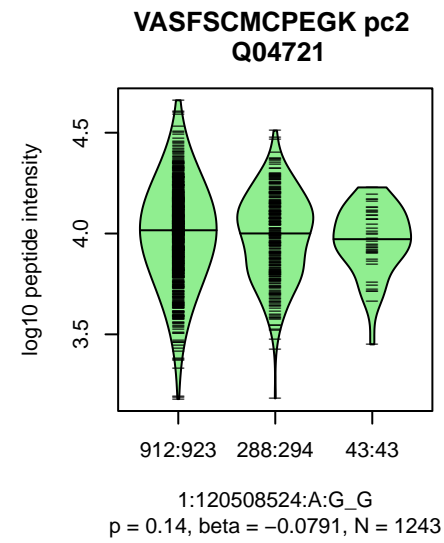
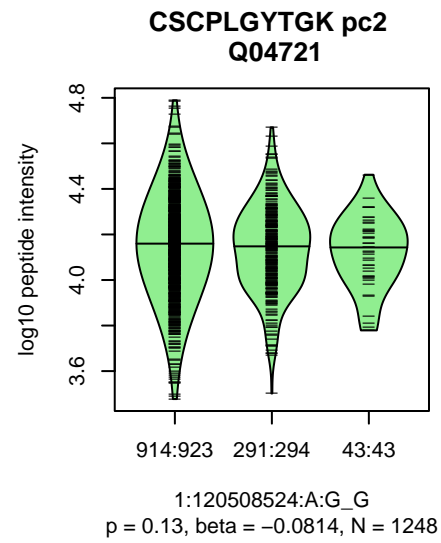
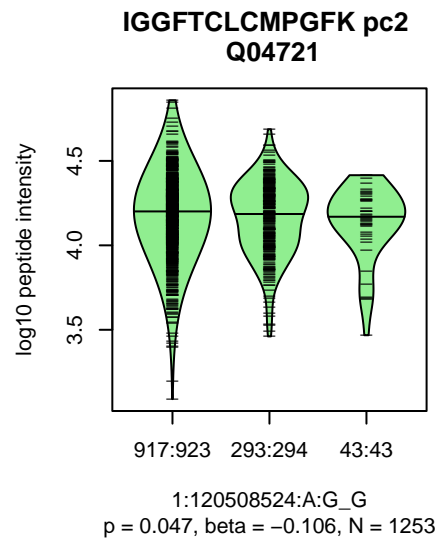
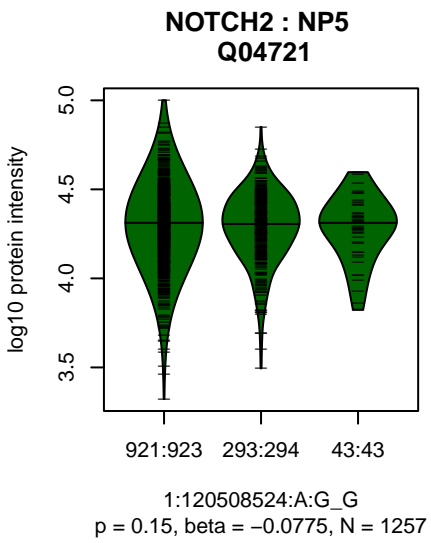
**AVENINSTLGPALLQK pc3
rs238238 ALT**



17:4835217:T:C_T
p = 3.7e-19, model = REC, N = 148

Assay Target: ENO3
Olink UniProt: P13929
UKB rsID: rs2243090
Proxy rsID: rs2243090
UKB SNP: 17:4835217:T:C
Proxy SNP: 17:4835217:T:C
UKB log10(p): 52.8
UKB BETA: -0.094

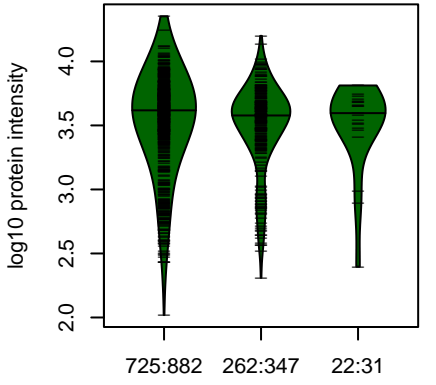
1259:1259:1244:1194:1079:100



Assay Target: NOTCH2
 Olink UniProt: Q04721
 UKB rsID: rs2453044
 Proxy rsID: rs2453044
 UKB SNP: 1:120508524:A:G
 Proxy SNP: 1:120508524:A:G
 UKB log10(p): 50.4
 UKB BETA: -0.131

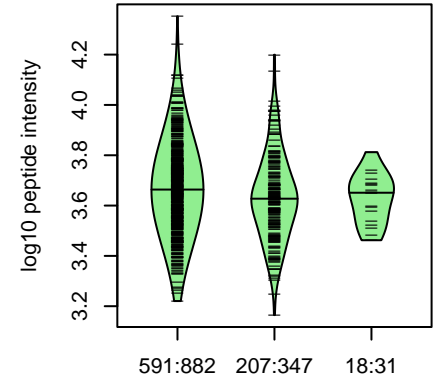
 1253:1248:1243:1232:1198:118

FABP4 : NP2
P15090



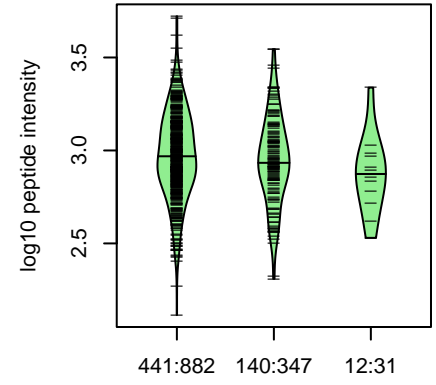
8:82399883:A:T_T
p = 0.051, beta = -0.121, N = 1009

LVVECVMK pc2
P15090



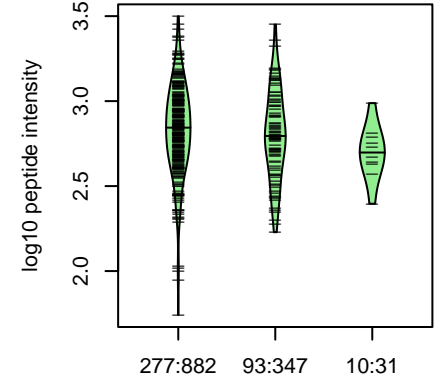
8:82399883:A:T_T
p = 0.011, beta = -0.176, N = 816

PNMIISVNGDVITIK pc2
P15090



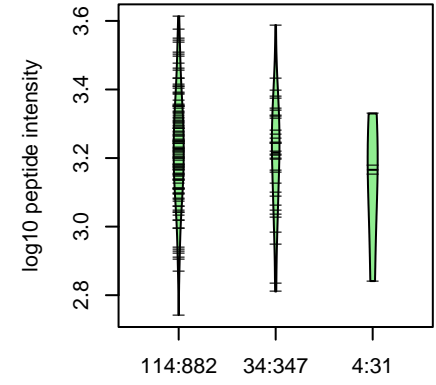
8:82399883:A:T_T
p = 0.16, beta = -0.117, N = 593

STITLDGGVLHVQK pc2
P15090



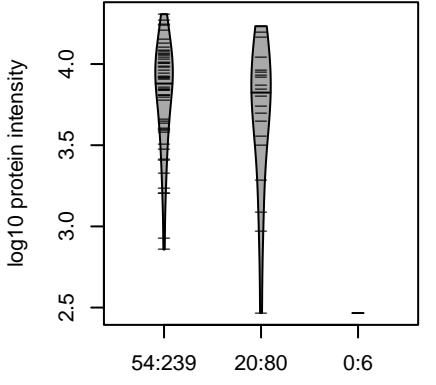
8:82399883:A:T_T
p = 0.077, beta = -0.175, N = 380

LVSSNFDDYMK pc2
E5RH45;E5RIR0;P02689;P15090



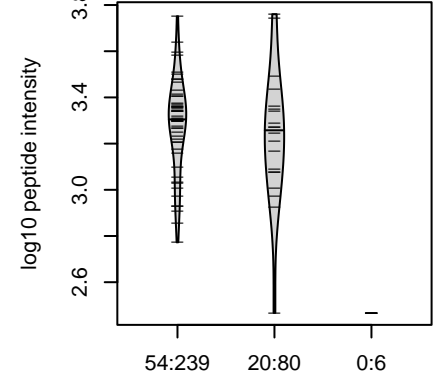
8:82399883:A:T_T
p = 0.35, beta = -0.147, N = 152

FABP4 : NP2
P15090



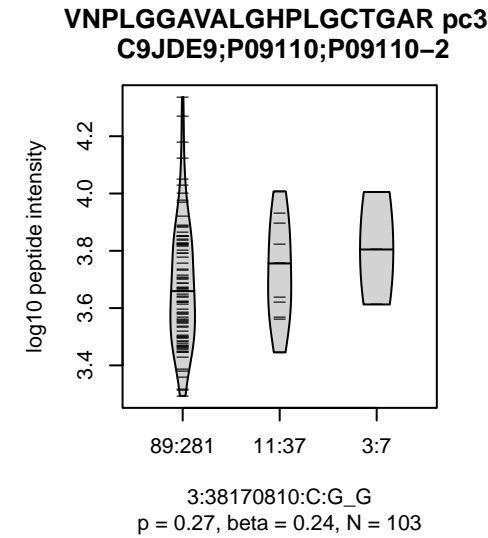
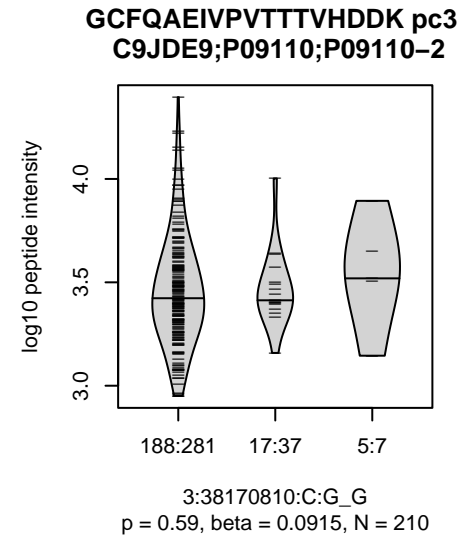
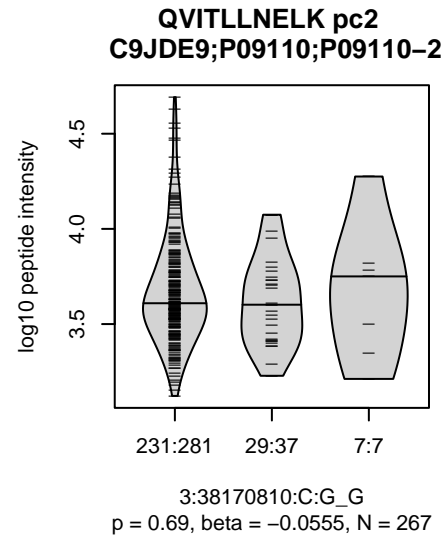
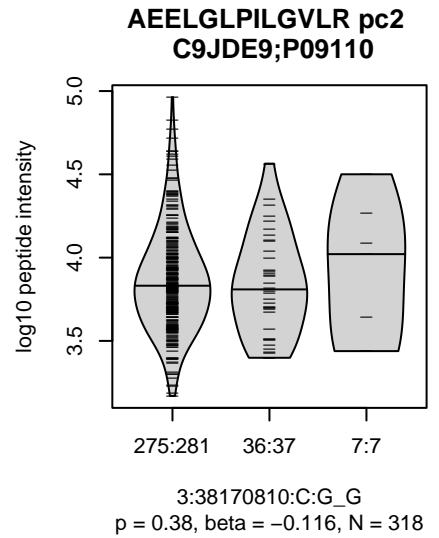
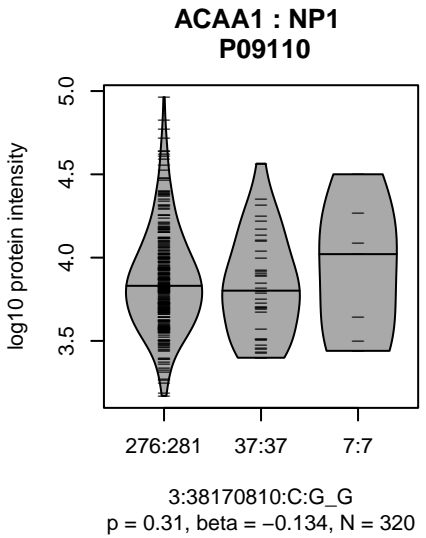
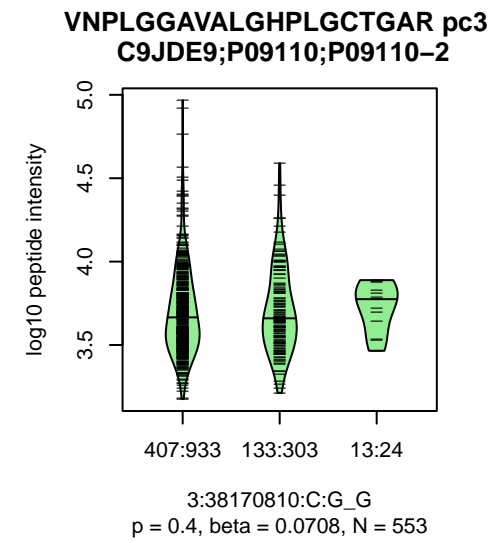
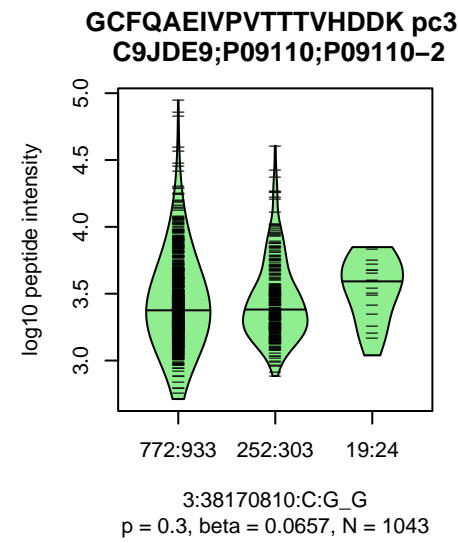
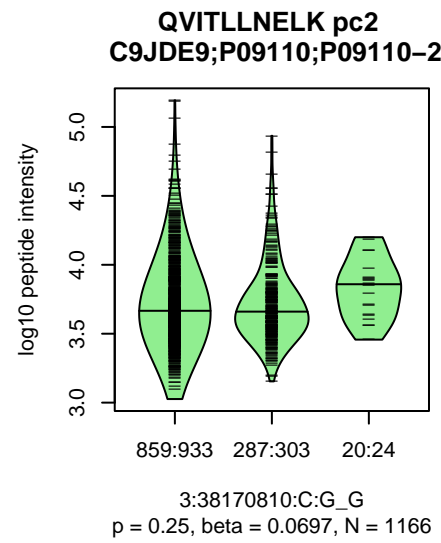
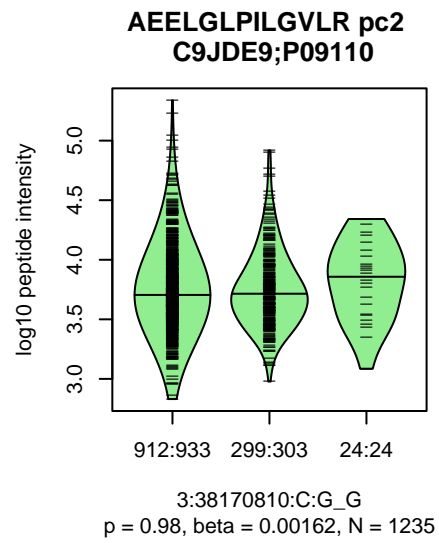
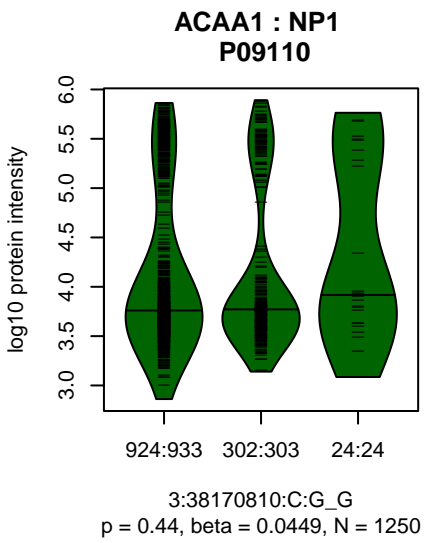
8:82399883:A:T_T
p = 0.42, beta = -0.203, N = 74

LVSSNFDDYMK pc2
E5RH45;E5RIR0;P02689;P15090

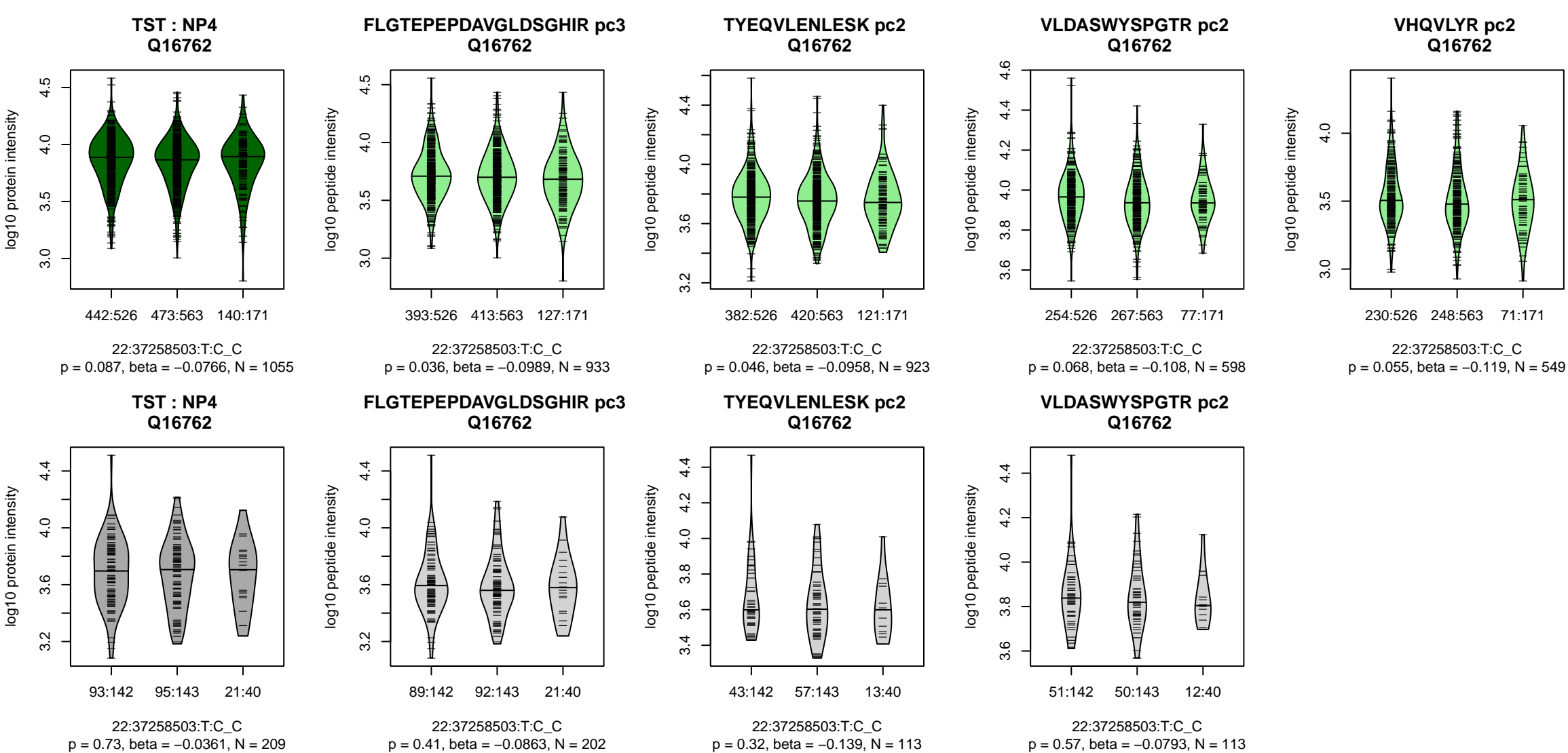


8:82399883:A:T_T
p = 0.71, beta = -0.0931, N = 74

Assay Target: FABP4
Olink UniProt: P15090
UKB rsID: rs72684474
Proxy rsID: rs72684474
UKB SNP: 8:82399883:A:T
Proxy SNP: 8:82399883:A:T
UKB log10(p): 50
UKB BETA: -0.115
-.-.-.-.*
816:593:380:152:149

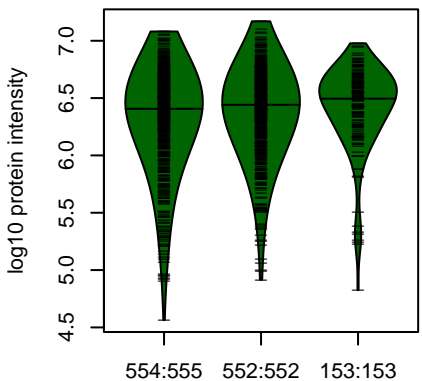


Assay Target: ACAA1
 Olink UniProt: P09110
 UKB rsID: rs156265
 Proxy rsID: rs156265
 UKB SNP: 3:38170810:C:G
 Proxy SNP: 3:38170810:C:G
 UKB log10(p): 49.4
 UKB BETA: -0.133
 -----NA
 1235:1166:1043:553:391:327:30



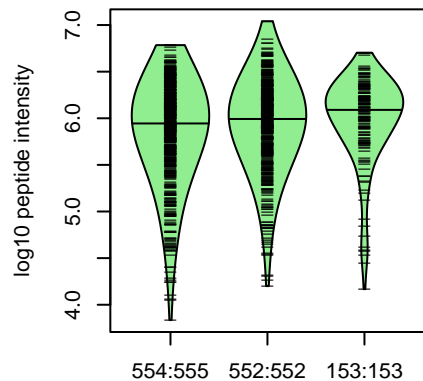
Assay Target: TST
 Olink UniProt: Q16762
 UKB rsID: rs4821544
 Proxy rsID: rs4821544
 UKB SNP: 22:37258503:T:C
 Proxy SNP: 22:37258503:T:C
 UKB log₁₀(p): 49.3
 UKB BETA: -0.101
 - - - - -
 933:923:598:549:402:133:71:53

**VWF : NP4
P04275**



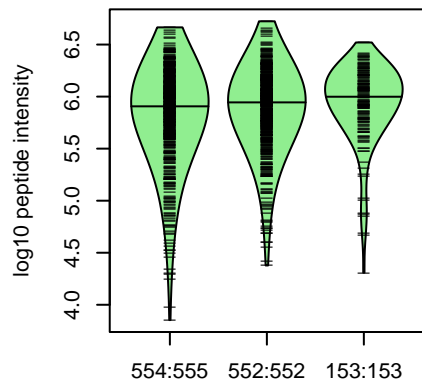
12:6141449:G:A_A
p = 0.027, beta = 0.0917, N = 1259

**AHLLSLVDVMQR pc3
P04275**



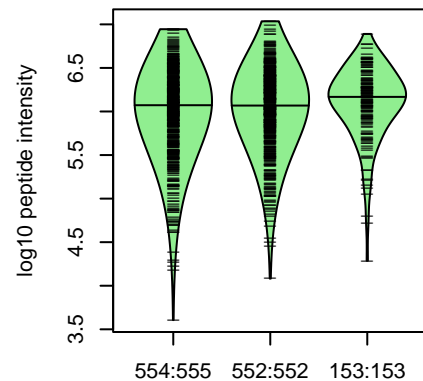
12:6141449:G:A_A
p = 0.019, beta = 0.0967, N = 1259

**CMVQVGVISGFK pc2
P04275**



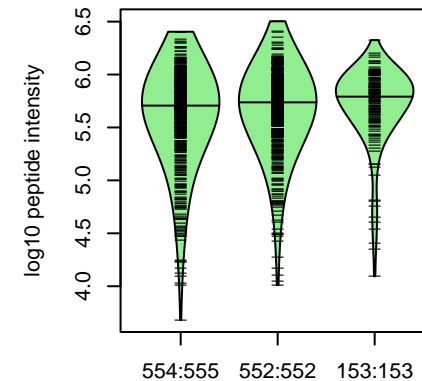
12:6141449:G:A_A
p = 0.023, beta = 0.0941, N = 1259

**EAPDLVLQR pc2
P04275**



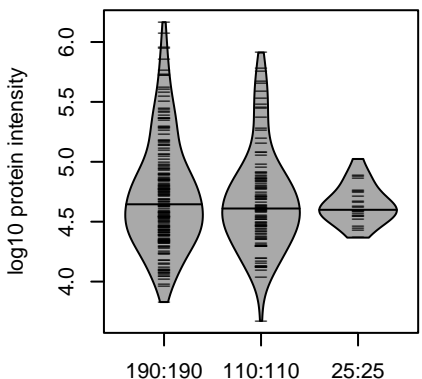
12:6141449:G:A_A
p = 0.052, beta = 0.0802, N = 1259

**EGGPSIQGDALGFVAVR pc2
P04275**



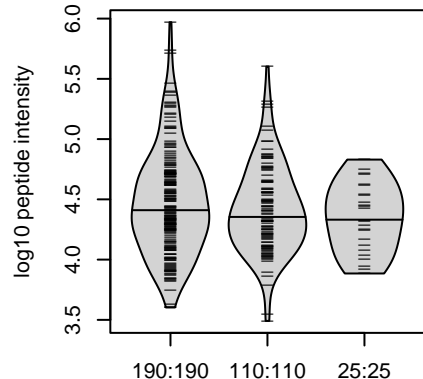
12:6141449:G:A_A
p = 0.048, beta = 0.0817, N = 1259

**VWF : NP4
P04275**



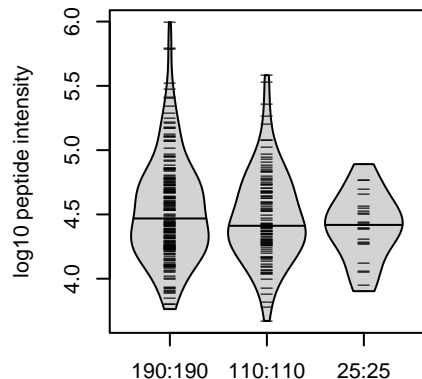
12:6141449:G:A_A
p = 0.35, beta = -0.08, N = 325

**APTCGLCEVAR pc2
P04275**



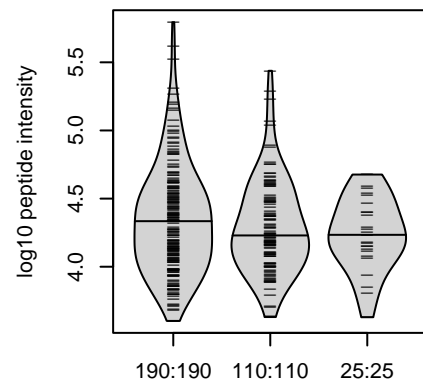
12:6141449:G:A_A
p = 0.088, beta = -0.147, N = 325

**EFMEEVIQR pc2
P04275**



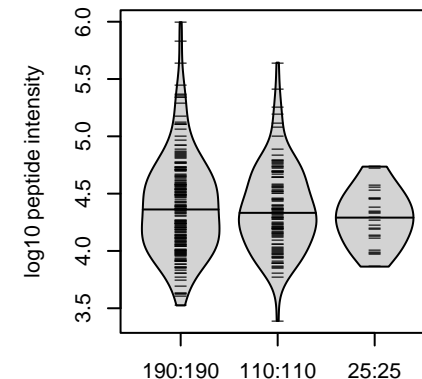
12:6141449:G:A_A
p = 0.072, beta = -0.155, N = 325

**ILTSDVFQDCNK pc2
P04275**



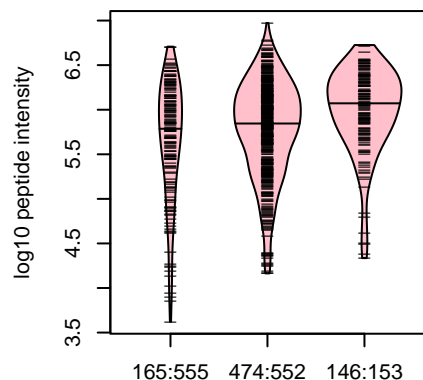
12:6141449:G:A_A
p = 0.097, beta = -0.143, N = 325

**VIVIPVGIGPHANLK pc3
P04275**



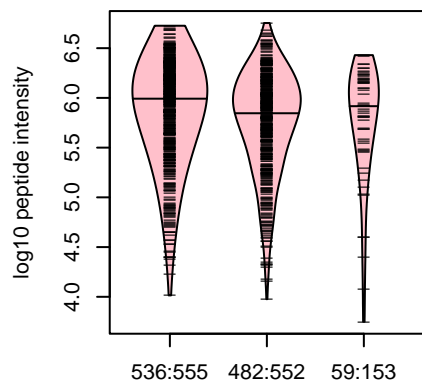
12:6141449:G:A_A
p = 0.29, beta = -0.0911, N = 325

**AEGLECAK pc2
rs1063856 ALT**



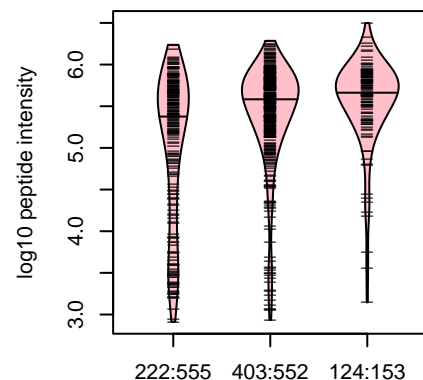
12:6141449:G:A_A
p = 5.3e-105, model = REC, N = 785

**AEGLECTK pc2
rs1063856 REF**



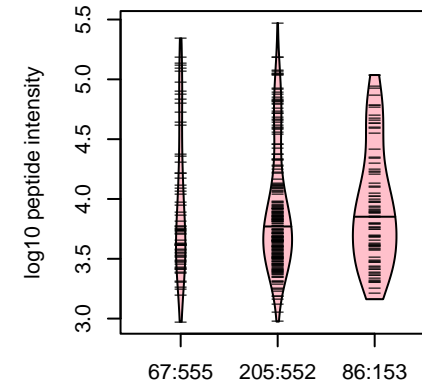
12:6141449:G:A_A
p = 1.1e-49, model = DOM, N = 1077

**ITLLMASQEPQR pc2
rs216311 REF**



12:6141449:G:A_A
p = 5.6e-36, model = REC, N = 749

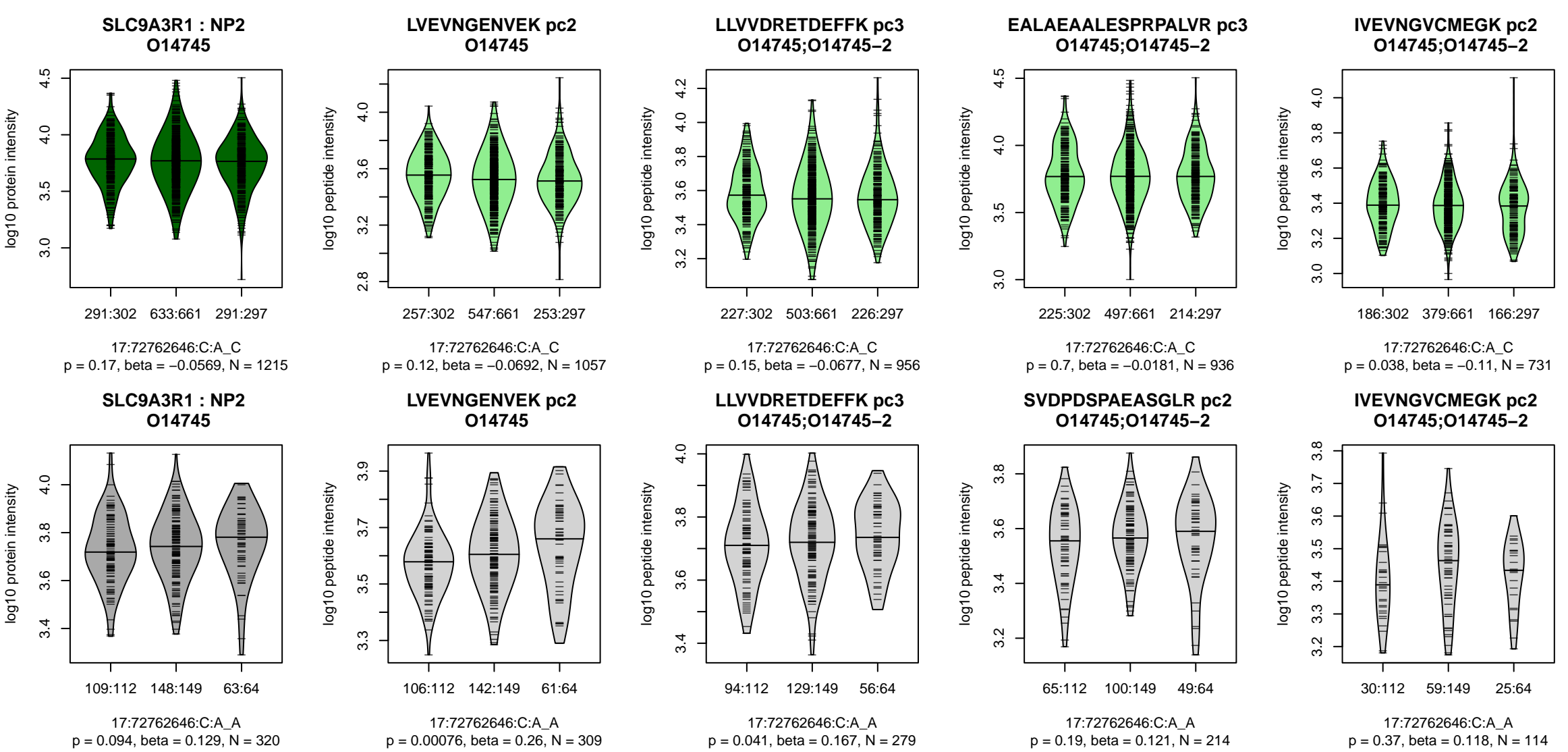
**LVCPADNLR AEGLECAK pc3
rs1063856 ALT**



12:6141449:G:A_A
p = 8.5e-32, model = REC, N = 358

Assay Target: VWF
Olink UniProt: P04275
UKB rsID: rs68120218
Proxy rsID: rs68120218
UKB SNP: 12:6141449:G:A
Proxy SNP: 12:6141449:G:A
UKB log10(p): 49
UKB BETA: 0.094

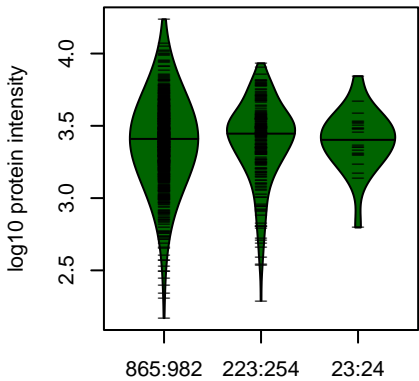
1259:1259:1259:1259:1259:125



Assay Target: SLC9A3R1
 Olink UniProt: O14745
 UKB rsID: rs8064299
 Proxy rsID: rs8064299
 UKB SNP: 17:72762646:C:A
 Proxy SNP: 17:72762646:C:A
 UKB log10(p): 48.8
 UKB BETA: 0.092

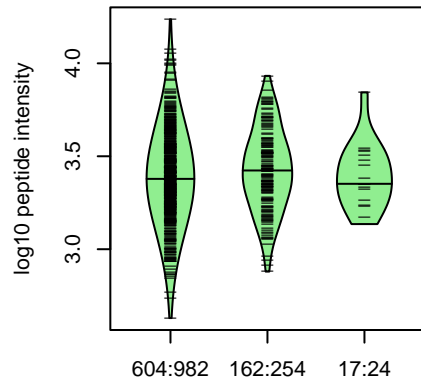
 1057:956:936:731:677:603:190:

**GAL : NP2
P22466**



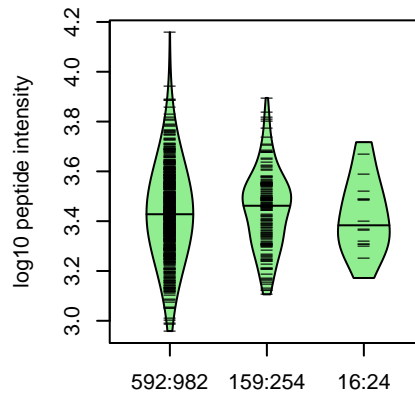
11:68440107:C:T_T
p = 0.22, beta = 0.0772, N = 1111

**LLDLPAAASSEDIERS pc2
P22466**



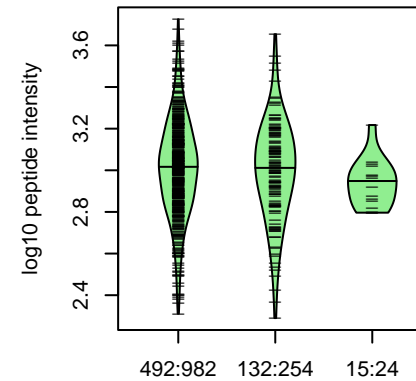
11:68440107:C:T_T
p = 0.016, beta = 0.177, N = 783

**ELRPEDDMK pc2
P22466**



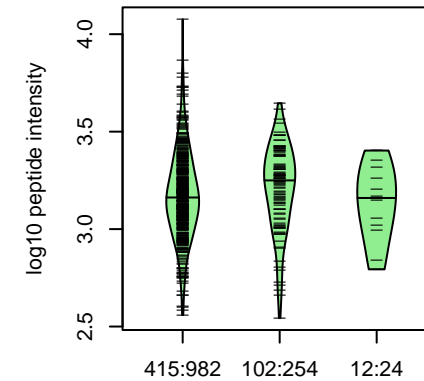
11:68440107:C:T_T
p = 0.45, beta = 0.0566, N = 767

**TIIEFLSFLHLK pc2
P22466**



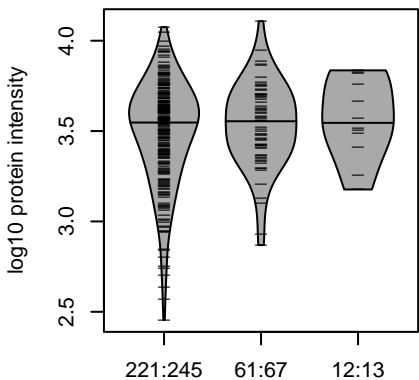
11:68440107:C:T_T
p = 0.2, beta = -0.103, N = 639

**LLDLPAAASSEDIERS pc2
P22466**



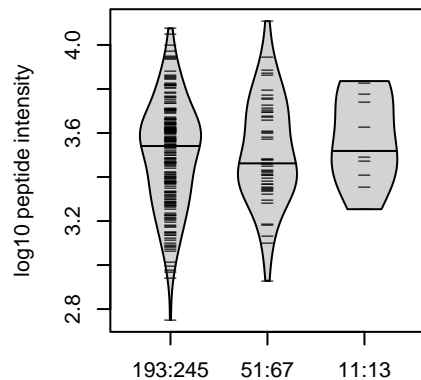
11:68440107:C:T_T
p = 0.27, beta = 0.1, N = 529

**GAL : NP2
P22466**



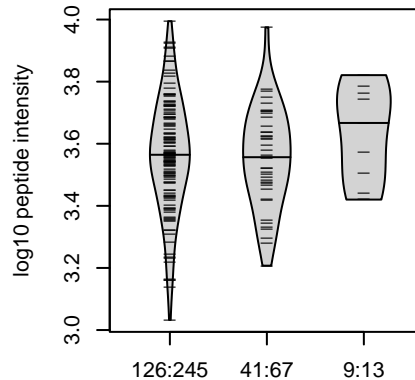
11:68440107:C:T_T
p = 0.81, beta = -0.0254, N = 294

**LLDLPAAASSEDIERS pc2
P22466**



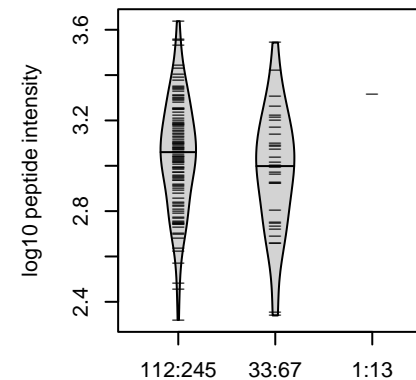
11:68440107:C:T_T
p = 0.7, beta = -0.0445, N = 255

**ELRPEDDMK pc2
P22466**



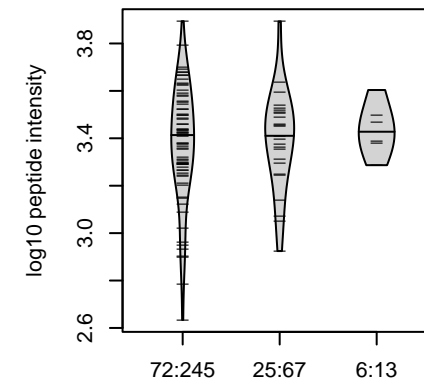
11:68440107:C:T_T
p = 0.29, beta = -0.138, N = 176

**TIIEFLSFLHLK pc2
P22466**



11:68440107:C:T_T
p = 0.091, beta = -0.308, N = 146

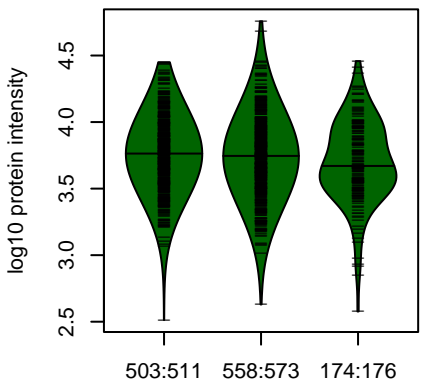
**LLDLPAAASSEDIERS pc2
P22466**



11:68440107:C:T_T
p = 0.51, beta = -0.108, N = 103

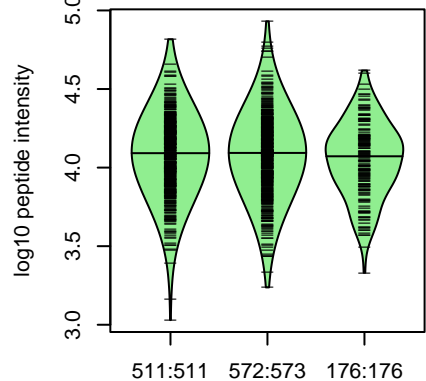
Assay Target: GAL
Olink UniProt: P22466
UKB rsID: rs2012605
Proxy rsID: rs2012605
UKB SNP: 11:68440107:C:T
Proxy SNP: 11:68440107:C:T
UKB log10(p): 47.9
UKB BETA: 0.148
- - - - -
783:767:639:529:190

COL6A3 : NP4
P12111



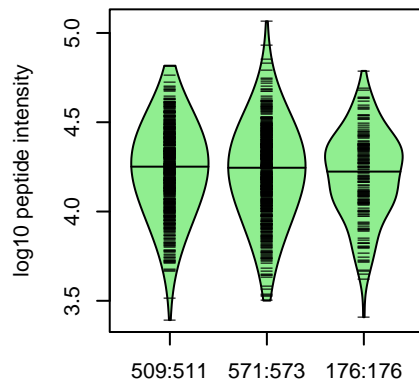
2:238232752:C:A_C
 $p = 0.029$, $\beta = -0.0897$, $N = 1235$

ALNLGYALDYAQR pc2
rs111-2;P12111-3;P12111-4;P12111-5 rs111-2;P12111-3;P12111-4;P12111-5



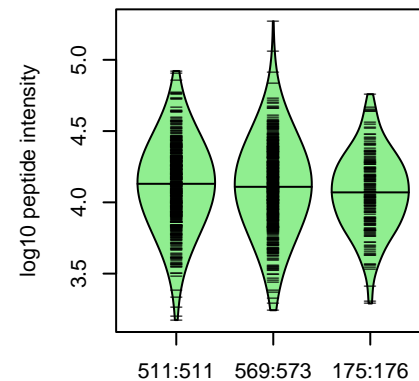
2:238232752:C:A_C
 $p = 0.37$, $\beta = -0.0365$, $N = 1259$

LLVLITGGK pc2



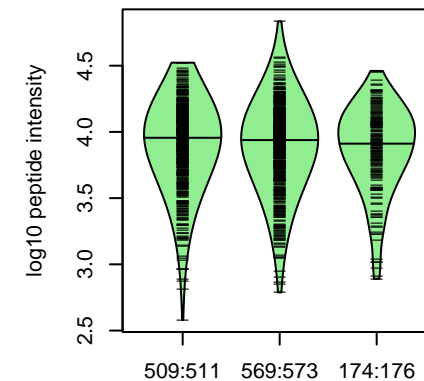
2:238232752:C:A_C
 $p = 0.13$, $\beta = -0.0621$, $N = 1256$

LSDAGITPLFLTR pc2
P12111-2;P12111-4;P12111



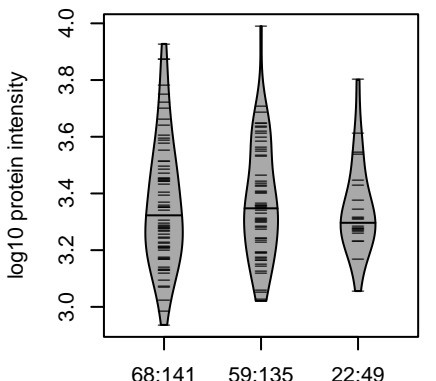
2:238232752:C:A_C
 $p = 0.083$, $\beta = -0.0707$, $N = 1255$

AAPLQGMLPGLLAPLR pc2
rs111-2;P12111-3;P12111-4;P12111-5



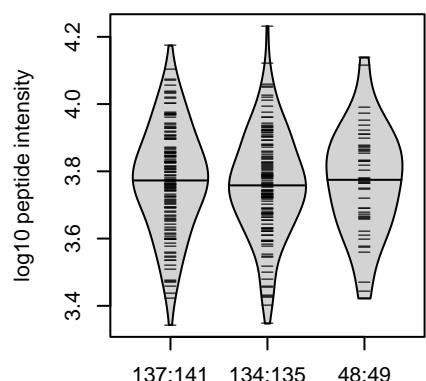
2:238232752:C:A_C
 $p = 0.3$, $\beta = -0.042$, $N = 1252$

COL6A3 : NP4
P12111



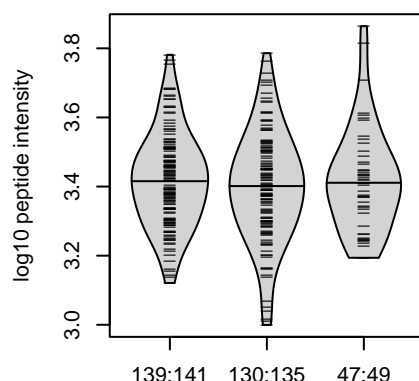
2:238232752:C:A_C
 $p = 0.93$, $\beta = 0.00979$, $N = 149$

ALNLGYALDYAQR pc2
rs111-2;P12111-3;P12111-4;P12111-5 rs111-2;P12111-3;P12111-4;P12111-5



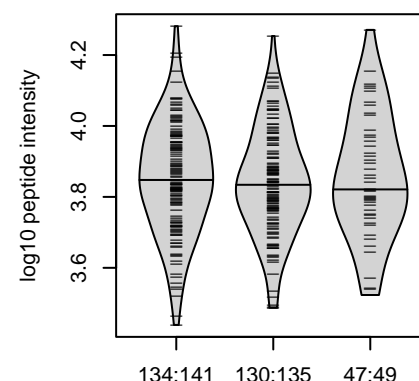
2:238232752:C:A_C
 $p = 0.96$, $\beta = 0.00379$, $N = 319$

AAPLQGMLPGLLAPLR pc2



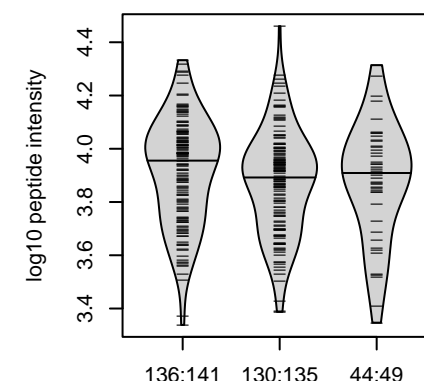
2:238232752:C:A_C
 $p = 0.92$, $\beta = 0.00824$, $N = 316$

VAVVQYSR pc2



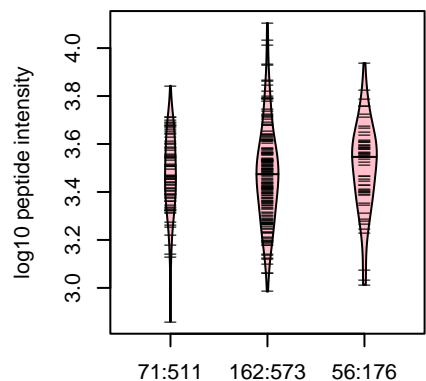
2:238232752:C:A_C
 $p = 0.98$, $\beta = 0.00205$, $N = 311$

VAVIQFSDDPK pc2



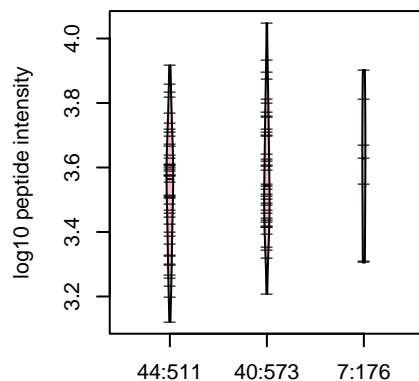
2:238232752:C:A_C
 $p = 0.27$, $\beta = -0.0884$, $N = 310$

AIYHGSFSTK pc2
rs1131296 ALT



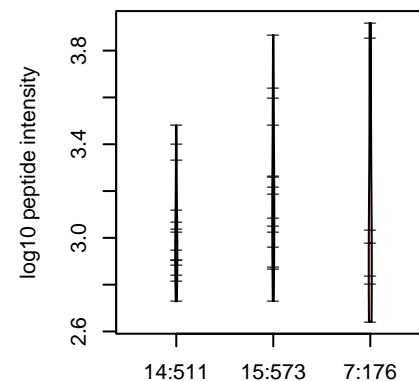
2:238232752:C:A_C
 $p = 1.6e-10$, $\text{model} = \text{REC}$, $N = 289$

ATYHGSFSTK pc2
rs1131296 REF



2:238232752:C:A_C
 $p = 0.083$, $\text{model} = \text{DOM}$, $N = 91$

AEPPGPYFYDLTVTSAHDQSLVLK pc2
rs2270669 REF

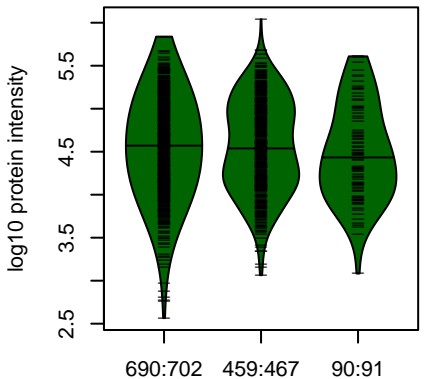


2:238232752:C:A_C
 $p = 0.33$, $\text{model} = \text{DOM}$, $N = 36$

Assay Target: COL6A3
Olink UniProt: P12111
UKB rsID: rs1050785
Proxy rsID: rs1050785
UKB SNP: 2:238232752:C:A
Proxy SNP: 2:238232752:C:A
UKB log10(p): 47.7
UKB BETA: 0.09

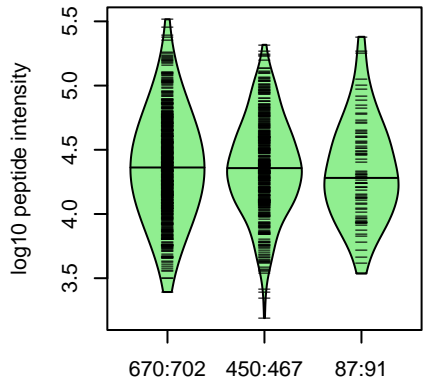
1259:1256:1255:1252:1252:125

**SERPINE1 : NP5
P05121**



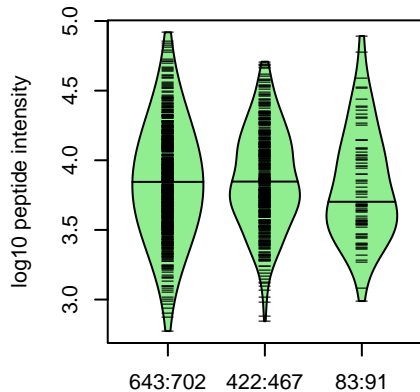
7:100776208:A:G_G
p = 0.42, beta = -0.0364, N = 1239

**FIINDWVK pc2
P05121**



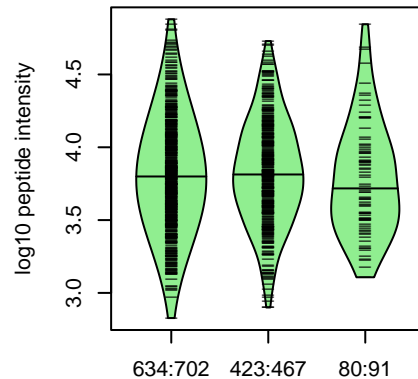
7:100776208:A:G_G
p = 0.35, beta = -0.043, N = 1207

**MAPEEIIIDRPFLFVVR pc3
P05121**



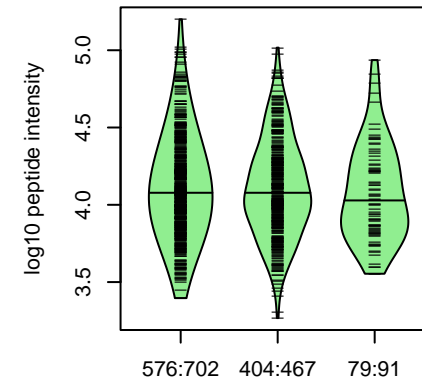
7:100776208:A:G_G
p = 0.59, beta = -0.0254, N = 1148

**PLENLGMTDMFR pc2
P05121**



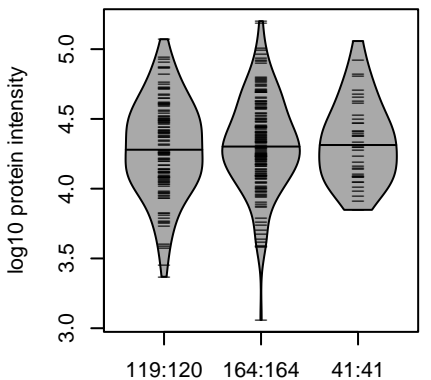
7:100776208:A:G_G
p = 0.6, beta = -0.0249, N = 1137

**VFQVQAQASK pc2
P05121**



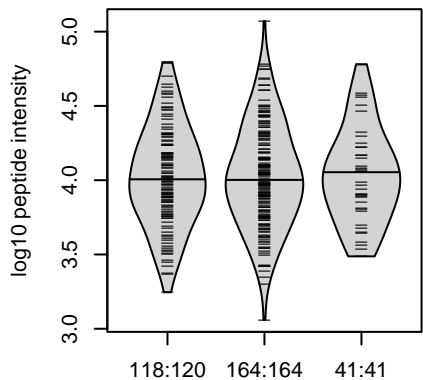
7:100776208:A:G_G
p = 0.22, beta = -0.06, N = 1059

**SERPINE1 : NP5
P05121**



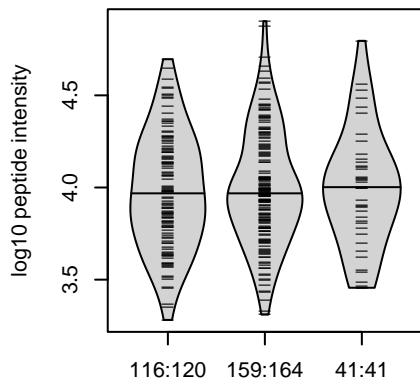
7:100776208:A:G_G
p = 0.25, beta = 0.0956, N = 324

**MAPEEIIIDRPFLFVVR pc3
P05121**



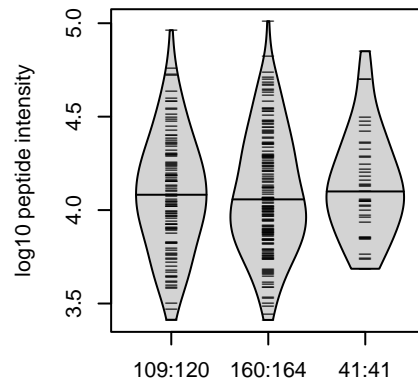
7:100776208:A:G_G
p = 0.73, beta = 0.029, N = 323

**PLENLGMTDMFR pc2
P05121**



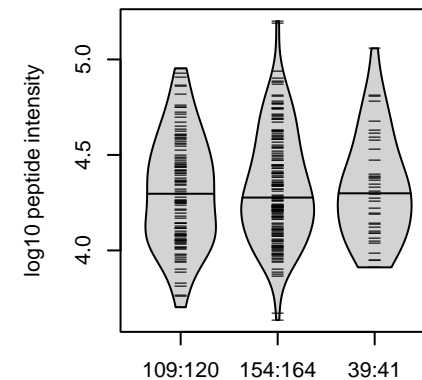
7:100776208:A:G_G
p = 0.54, beta = 0.0519, N = 316

**VFQVQAQASK pc2
P05121**



7:100776208:A:G_G
p = 0.26, beta = 0.0949, N = 310

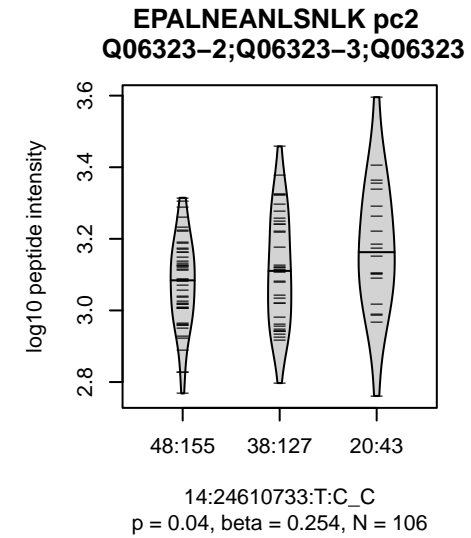
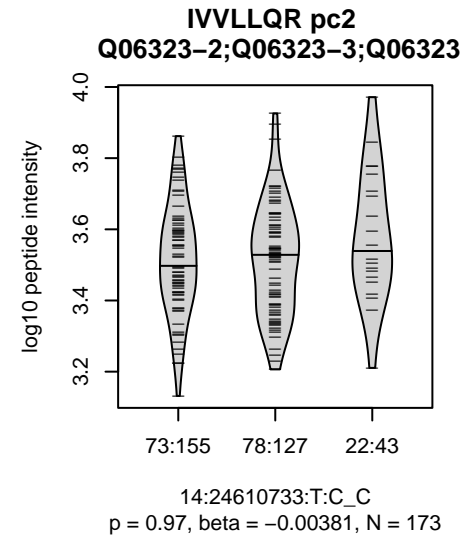
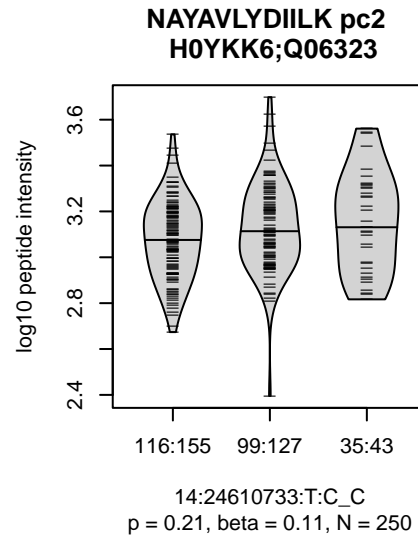
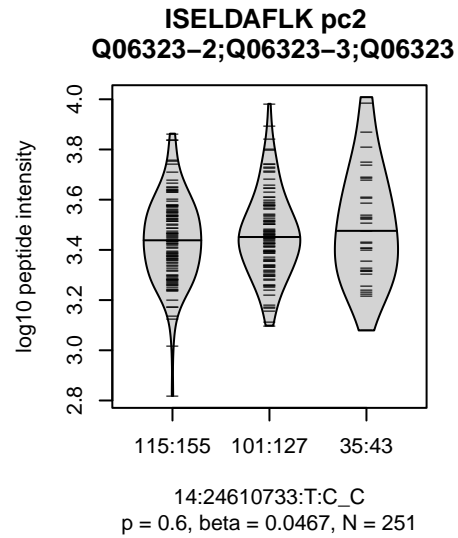
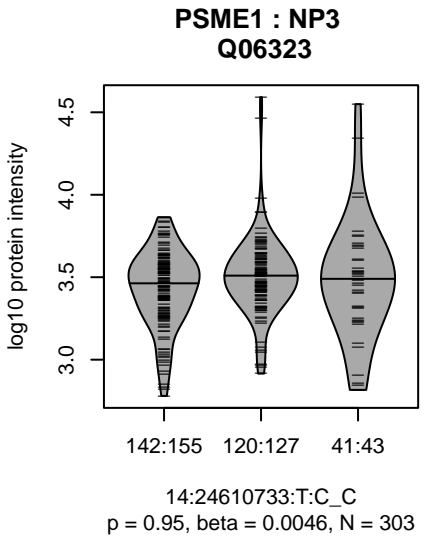
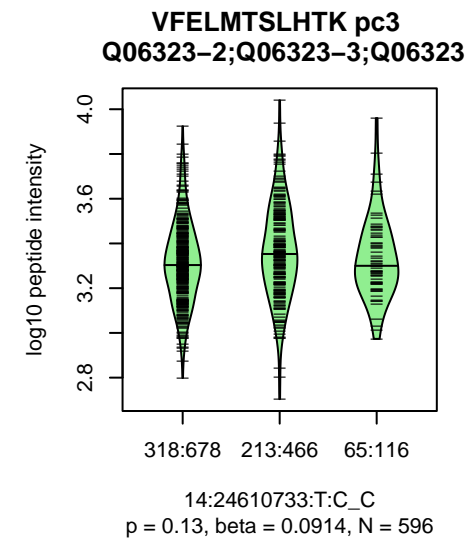
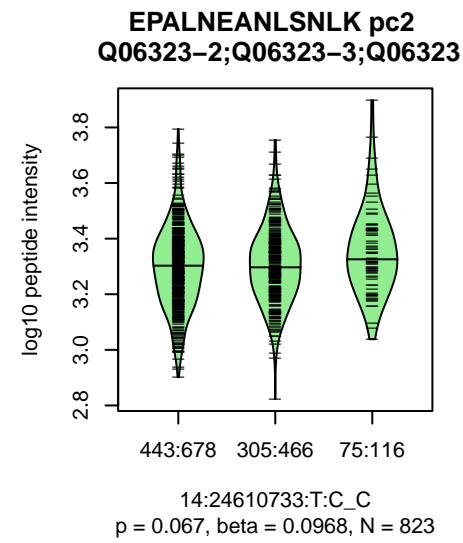
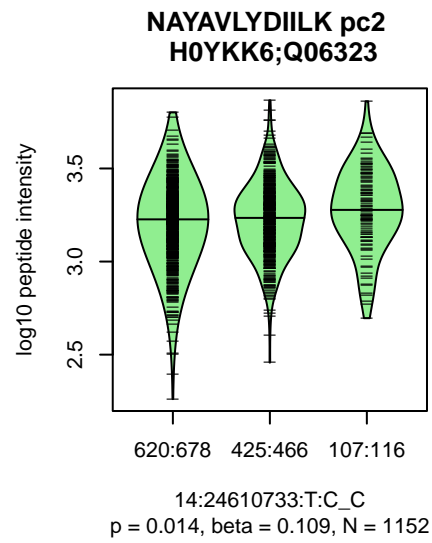
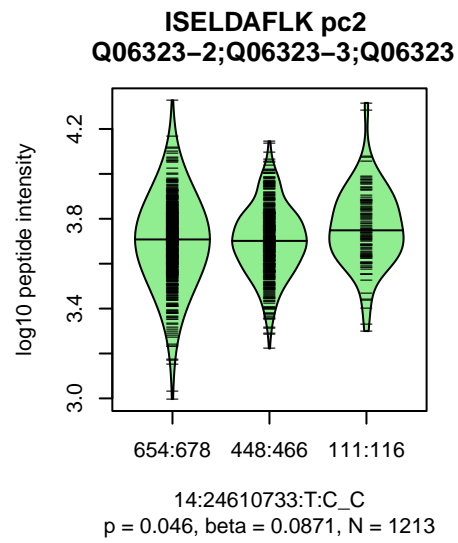
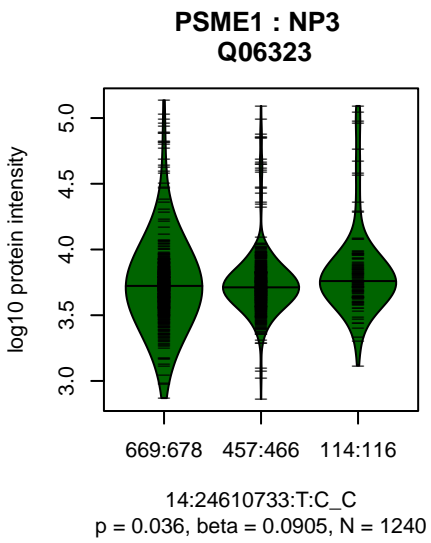
**QVDFSEVER pc2
P05121**



7:100776208:A:G_G
p = 0.33, beta = 0.0836, N = 302

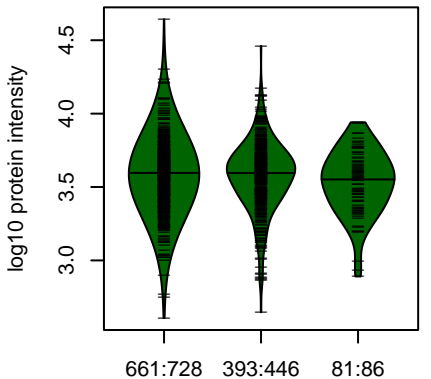
Assay Target: SERPINE1
Olink UniProt: P05121
UKB rsID: rs2227674
Proxy rsID: rs2227674
UKB SNP: 7:100776208:A:G
Proxy SNP: 7:100776208:A:G
UKB log10(p): 47.5
UKB BETA: -0.109

1207:1148:1137:1059:1026:102



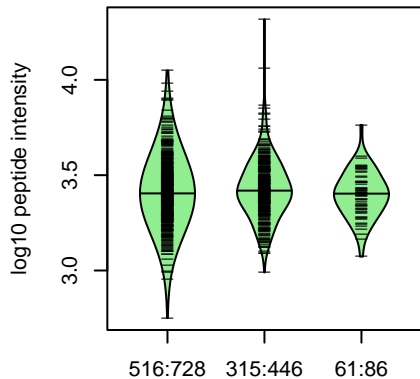
Assay Target: PSME1
 Olink UniProt: Q06323
 UKB rsID: rs2236352
 Proxy rsID: rs2236352
 UKB SNP: 14:24610733:T:C
 Proxy SNP: 14:24610733:T:C
 UKB log10(p): 47.5
 UKB BETA: 0.1
 - - - - - * - - - - - : - - - - - NA
 1213:1152:823:596:552:510:502

TRIM25 : NP1
Q14258



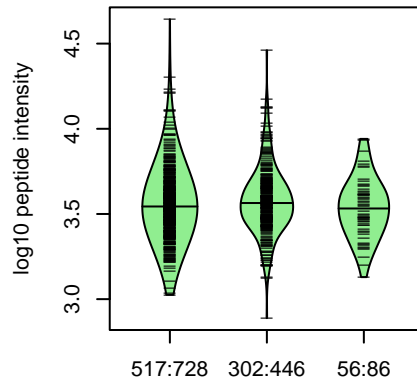
17:54978794:G:A_G
p = 0.33, beta = -0.0461, N = 1135

ALLDASETSTR pc2
A0A3B3IUA7;Q14258



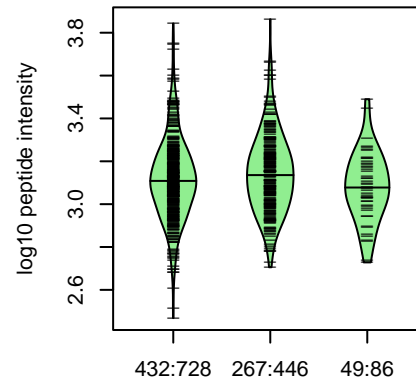
17:54978794:G:A_G
p = 0.94, beta = 0.00422, N = 892

VLETFLAK pc2
A0A3B3IUA7;Q14258



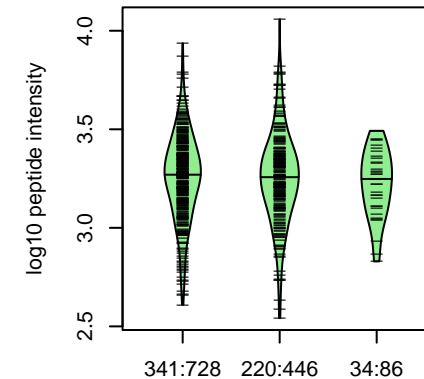
17:54978794:G:A_G
p = 0.56, beta = 0.0321, N = 875

LTVMYSQINGASR pc2
A0A3B3IUA7;Q14258



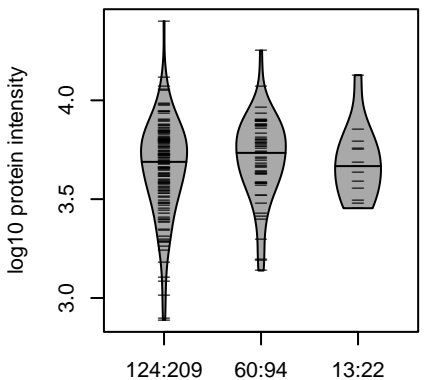
17:54978794:G:A_G
p = 0.85, beta = 0.0112, N = 748

VALSECYTVASVAEMPQNYRPHPQR
Q14258



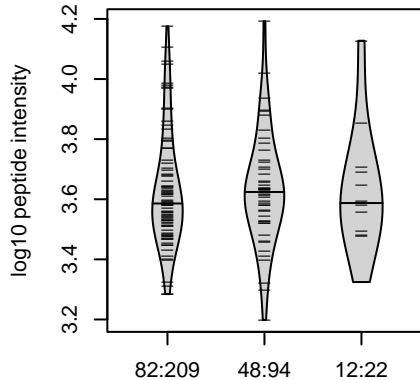
17:54978794:G:A_G
p = 0.53, beta = -0.0419, N = 595

TRIM25 : NP1
Q14258



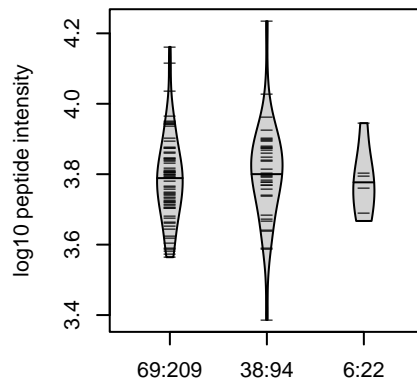
17:54978794:G:A_G
p = 0.93, beta = 0.00959, N = 197

VLETFLAK pc2
A0A3B3IUA7;Q14258



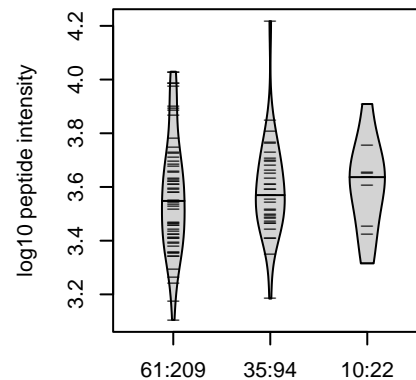
17:54978794:G:A_G
p = 0.78, beta = 0.0355, N = 142

PVYIPEVELNHK pc3
A0A3B3IUA7;Q14258



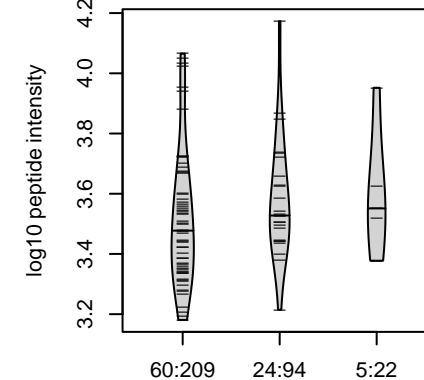
17:54978794:G:A_G
p = 0.91, beta = 0.0167, N = 113

ALLDASETSTR pc2
A0A3B3IUA7;Q14258



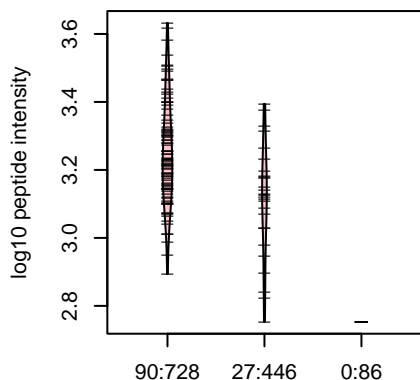
17:54978794:G:A_G
p = 0.33, beta = 0.138, N = 106

EEIEQSLTK pc2
A0A3B3IUA7;Q14258



17:54978794:G:A_G
p = 0.094, beta = 0.29, N = 89

LQELTPSSGDPGEHDPASTHK pc4
rs205498 ALT

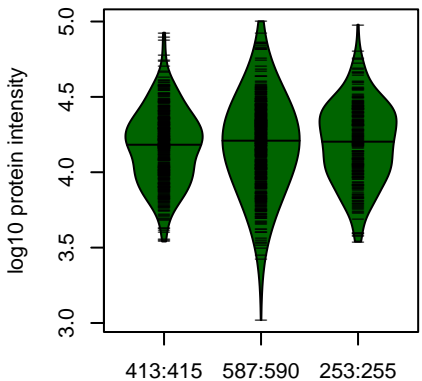


17:54978794:G:A_G
p = 7.8e-06, model = REC, N = 117

Assay Target: TRIM25
Olink UniProt: Q14258
UKB rsID: rs205498
Proxy rsID: rs205498
UKB SNP: 17:54978794:G:A
Proxy SNP: 17:54978794:G:A
UKB log10(p): 45.8
UKB BETA: -0.097

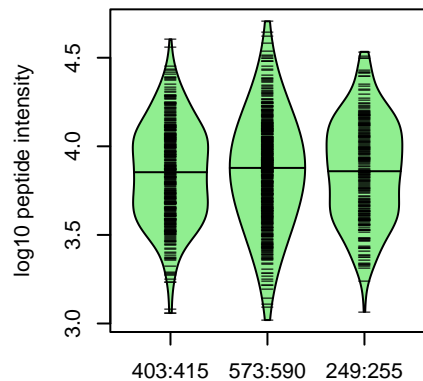
892:875:748:595:580:563:460:3

**LTA4H : NP5
P09960**



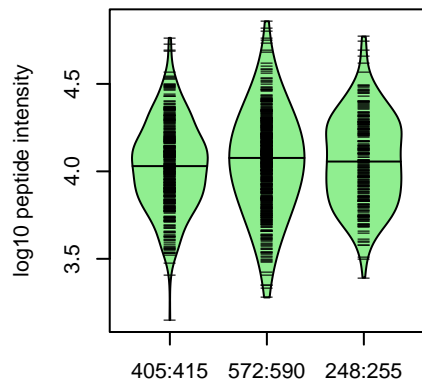
12:96423782:T:C_C
 $p = 0.32$, $\beta = 0.0388$, $N = 1253$

**DLSSHQLNEFLAQLQR pc3
P09960-3;P09960-4;P09960**



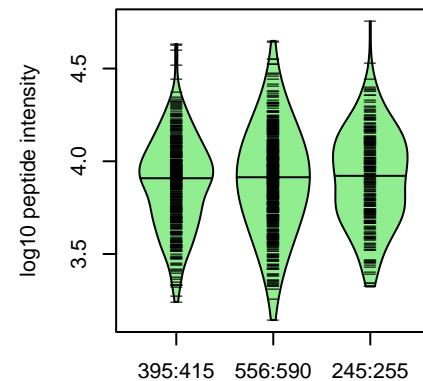
12:96423782:T:C_C
 $p = 0.61$, $\beta = 0.02$, $N = 1225$

**GSPMEISLPIALSK pc2
P09960-3;P09960-4;P09960**



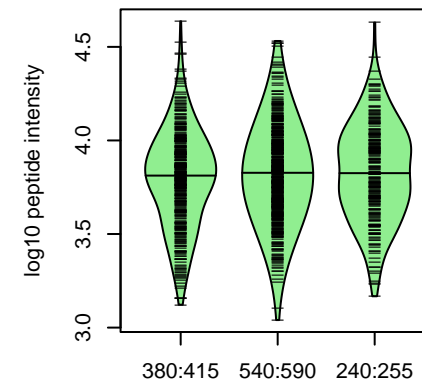
12:96423782:T:C_C
 $p = 0.16$, $\beta = 0.0553$, $N = 1225$

**SSALQWLTPEQTSGK pc2
P09960-3;P09960-4;P09960**



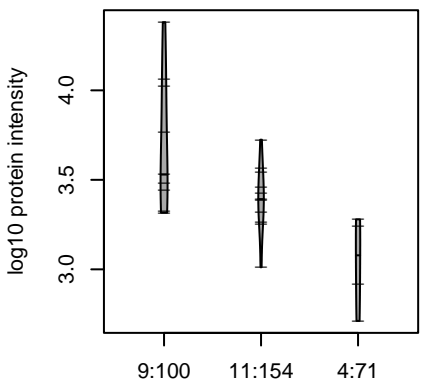
12:96423782:T:C_C
 $p = 0.19$, $\beta = 0.0528$, $N = 1196$

**SAYEFSETESMLK pc2
P09960-3;P09960-4;P09960**



12:96423782:T:C_C
 $p = 0.094$, $\beta = 0.0678$, $N = 1160$

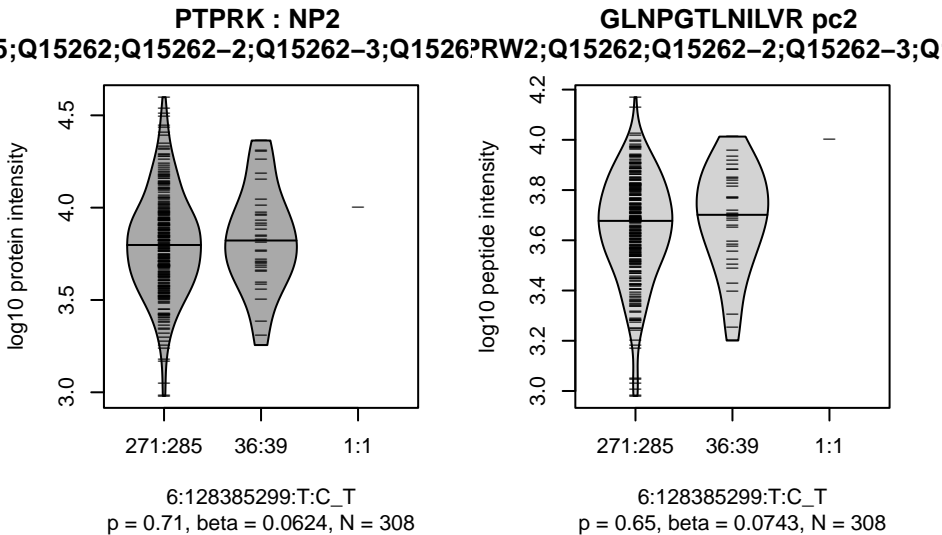
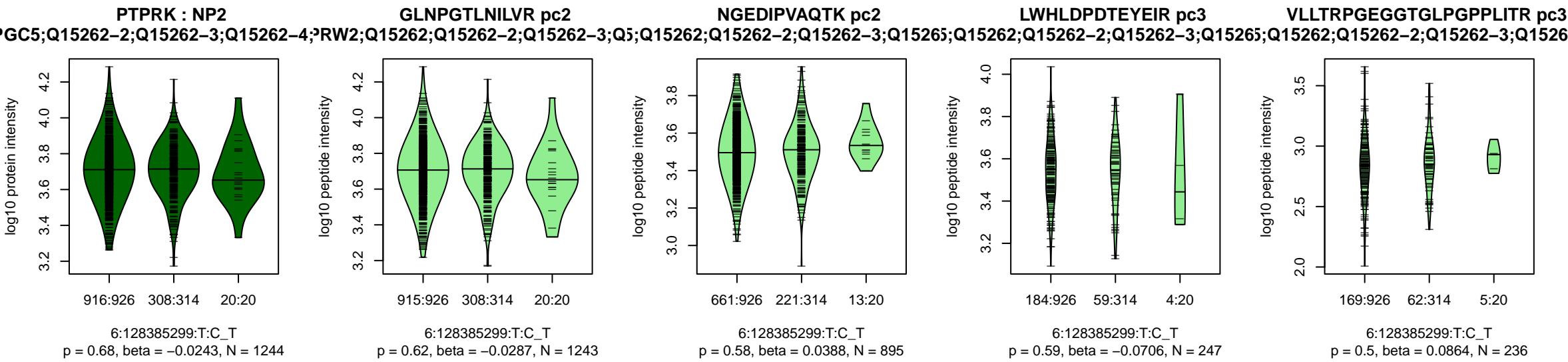
**LTA4H : NP5
P09960**



12:96423782:T:C_C
 $p = 0.11$, $\beta = -0.419$, $N = 24$

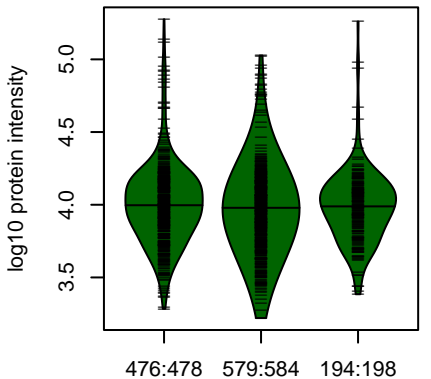
Assay Target: LTA4H
Olink UniProt: P09960
UKB rsID: rs2660896
Proxy rsID: rs2660896
UKB SNP: 12:96423782:T:C
Proxy SNP: 12:96423782:T:C
UKB log10(p): 45.7
UKB BETA: 0.087

1225:1225:1196:1160:1067:104



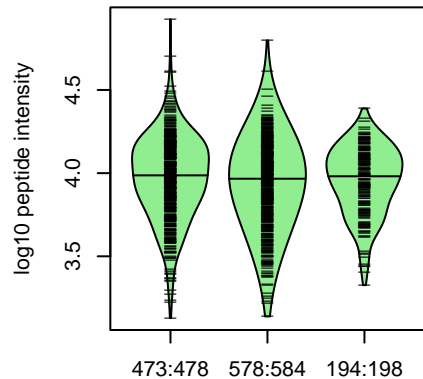
Assay Target: PTPRK
 Olink UniProt: Q15262
 UKB rsID: rs11422080
 Proxy rsID: rs7769691
 UKB SNP: 6:128383562:G:GA
 Proxy SNP: 6:128385299:T:C
 UKB log10(p): 44.7
 UKB BETA: -0.12
 ---:---
 1243:895:247:236

**SERPINB1 : NP1
P30740**



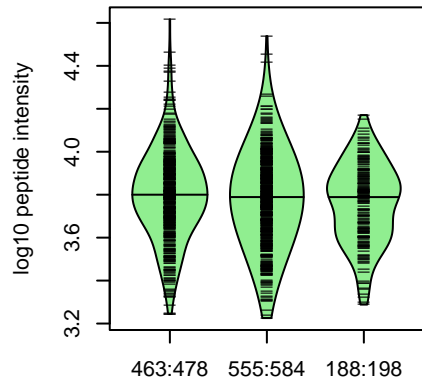
6:2835831:A:G_A
p = 0.27, beta = -0.0448, N = 1249

**LVLVNAIFYK pc2
0GU38;O75830;P50452-2;P30740;P50**



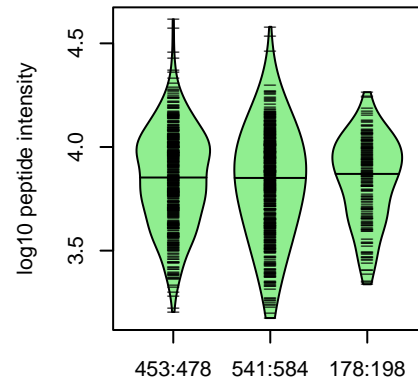
6:2835831:A:G_A
p = 0.12, beta = -0.063, N = 1245

**FAYGYIEDLK pc2
P30740**



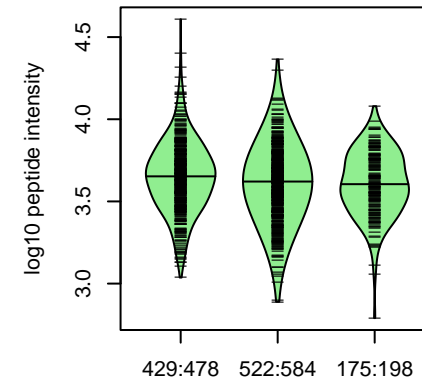
6:2835831:A:G_A
p = 0.027, beta = -0.0906, N = 1206

**TYNFLPEFLVSTQK pc2
P30740**



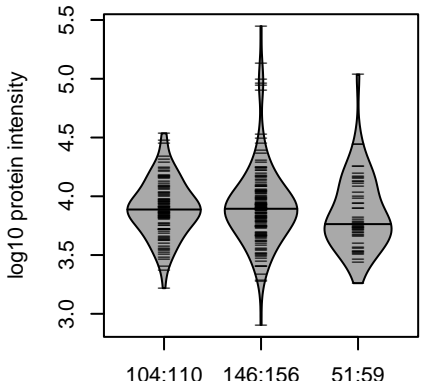
6:2835831:A:G_A
p = 0.44, beta = -0.0326, N = 1172

**LHEWTKPENLDFIEVNVSLPR pc4
P30740**



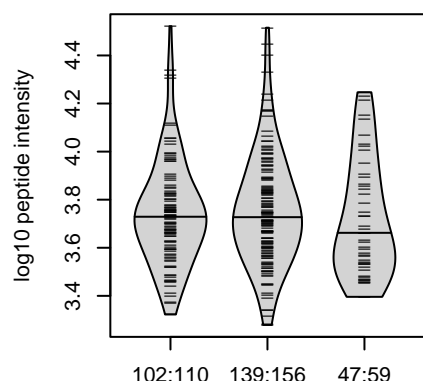
6:2835831:A:G_A
p = 0.01, beta = -0.109, N = 1126

**SERPINB1 : NP1
P30740**



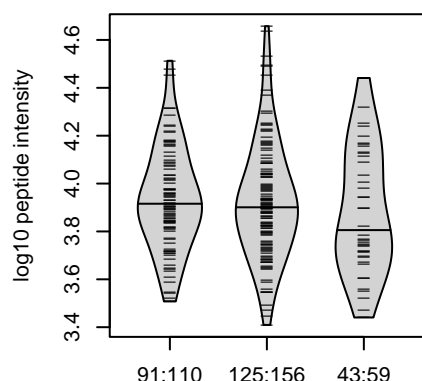
6:2835831:A:G_A
p = 0.3, beta = -0.0851, N = 301

**FAYGYIEDLK pc2
P30740**



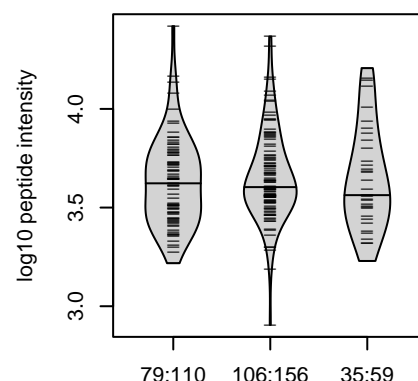
6:2835831:A:G_A
p = 0.64, beta = -0.0391, N = 288

**LVLVNAIFYK pc2
0GU38;O75830;P50452-2;P30740;P50**



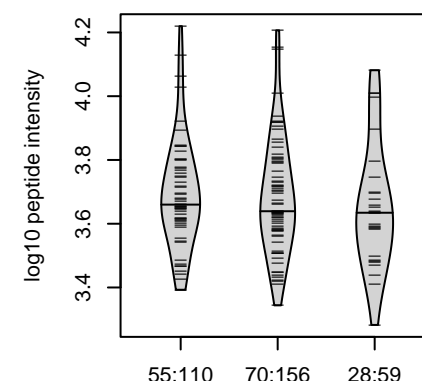
6:2835831:A:G_A
p = 0.18, beta = -0.118, N = 259

**LHEWTKPENLDFIEVNVSLPR pc4
P30740**



6:2835831:A:G_A
p = 0.48, beta = 0.068, N = 220

**EATTNAPFR pc2
P30740**

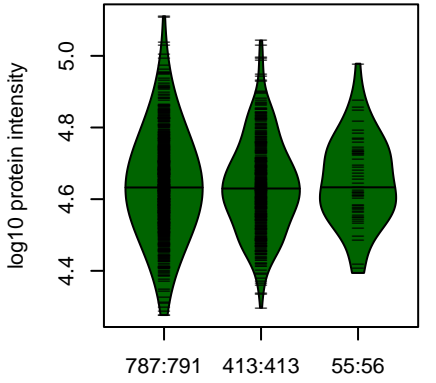


6:2835831:A:G_A
p = 0.24, beta = -0.13, N = 153

Assay Target: SERPINB1
Olink UniProt: P30740
UKB rsID: rs2293772
Proxy rsID: rs2293772
UKB SNP: 6:2835831:A:G
Proxy SNP: 6:2835831:A:G
UKB log10(p): 44.7
UKB BETA: 0.088

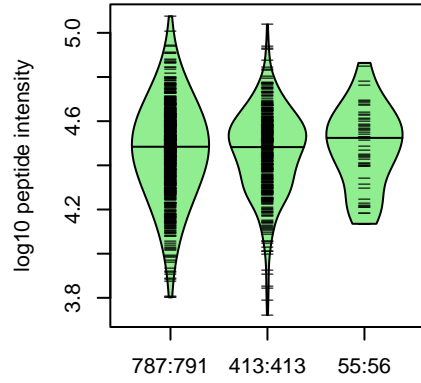
1245:1206:1172:1126:892:822:7

PDIA4 : NP2
P13667



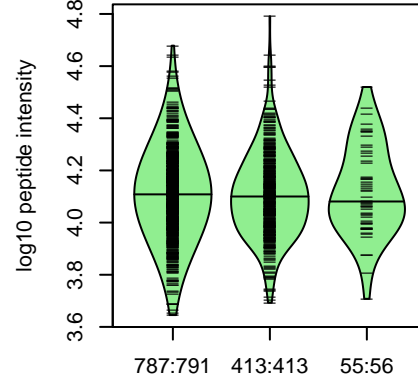
7:148727168:G:T_T
 $p = 0.87$, $\beta = -0.00826$, $N = 1255$

IDATSASVLASR pc2
A0A499FI48;P13667



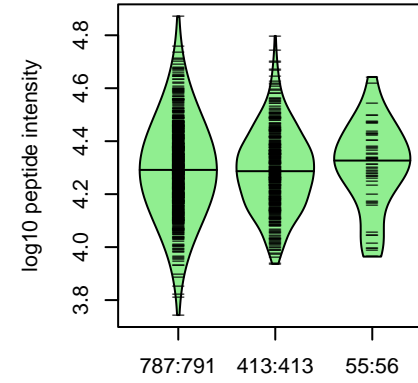
7:148727168:G:T_T
 $p = 0.73$, $\beta = 0.0168$, $N = 1255$

QLEPVYNSLAK pc2
A0A499FI48;P13667



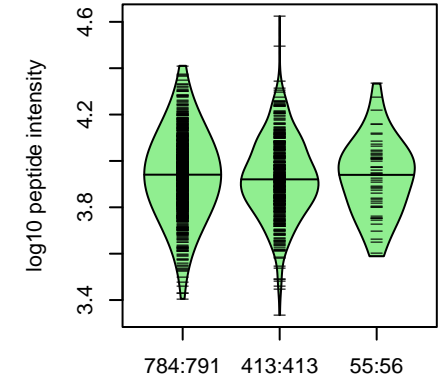
7:148727168:G:T_T
 $p = 0.84$, $\beta = -0.00976$, $N = 1255$

VSQQLVVMQPEK pc2
A0A499FI48;P13667



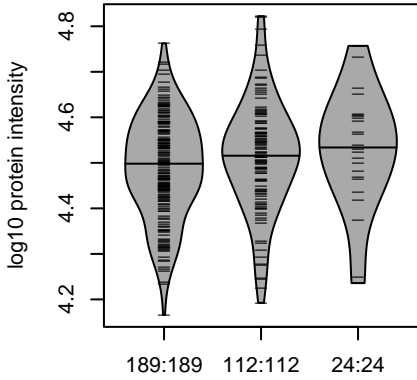
7:148727168:G:T_T
 $p = 0.64$, $\beta = -0.0229$, $N = 1255$

VEGFPTIYFAPSGDK pc2
A0A499FI48;P13667



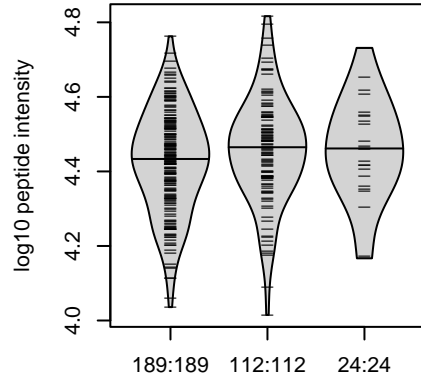
7:148727168:G:T_T
 $p = 0.12$, $\beta = -0.076$, $N = 1252$

PDIA4 : NP2
P13667



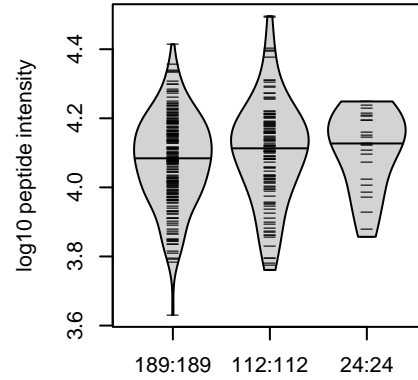
7:148727168:G:T_T
 $p = 0.82$, $\beta = 0.02$, $N = 325$

DKDPPIPVAK pc2
A0A499FI48;P13667



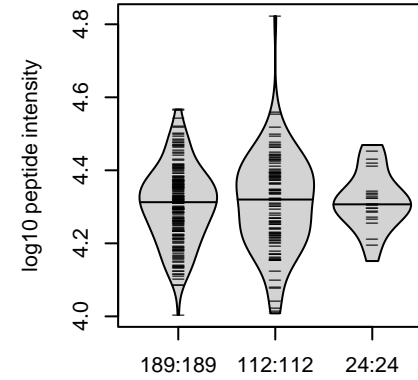
7:148727168:G:T_T
 $p = 0.84$, $\beta = 0.0179$, $N = 325$

DLGLSESGEDVNAAILDESGKK pc:
A0A499FI48;P13667



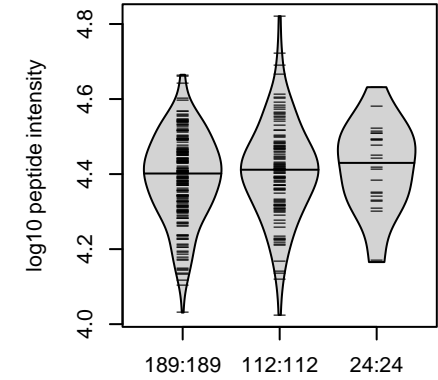
7:148727168:G:T_T
 $p = 0.64$, $\beta = -0.0411$, $N = 325$

FEGGDRDLEHLSK pc3
A0A499FI48;P13667



7:148727168:G:T_T
 $p = 0.47$, $\beta = -0.063$, $N = 325$

QFAPEYEK pc2
A0A499FI48;P13667

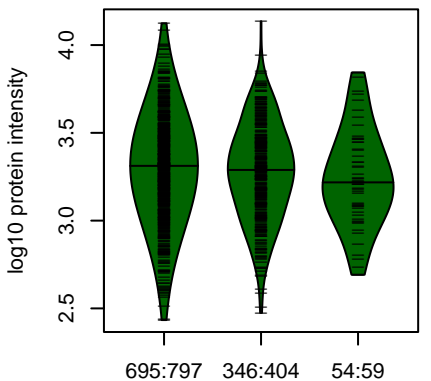


7:148727168:G:T_T
 $p = 0.58$, $\beta = -0.0483$, $N = 325$

Assay Target: PDIA4
Olink UniProt: P13667
UKB rsID: rs11974627
Proxy rsID: rs11974627
UKB SNP: 7:148727168:G:T
Proxy SNP: 7:148727168:G:T
UKB log10(p): 44.1
UKB BETA: -0.108

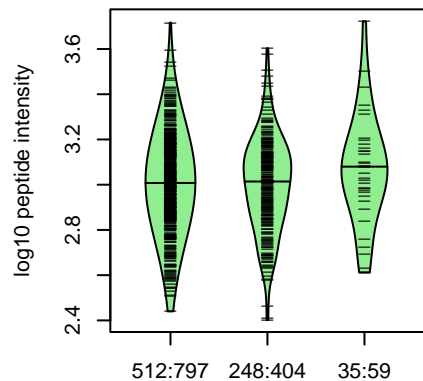
1255:1255:1255:1252:1246:124

**VCAM1 : NP4
P19320**



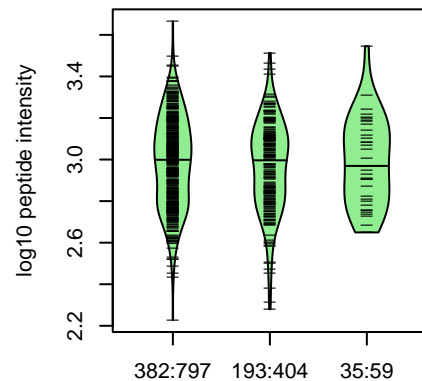
1:101181342:T:C_C
p = 0.06, beta = -0.0968, N = 1095

**QSTQTLVNVAPR pc2
P19320;P19320-2;P19320-3**



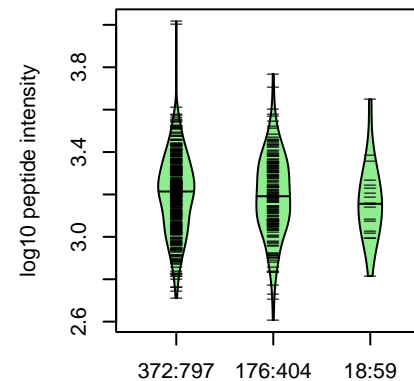
1:101181342:T:C_C
p = 0.67, beta = 0.0259, N = 795

**VPSVYPLDRLEIELLK pc3
P19320;P19320-2;P19320-3**



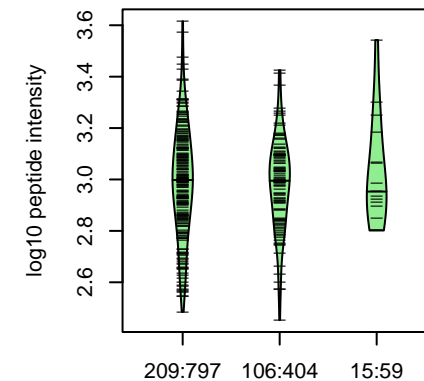
1:101181342:T:C_C
p = 0.38, beta = -0.0594, N = 610

**PFTVEISPGPR pc2
P19320;P19320-3**



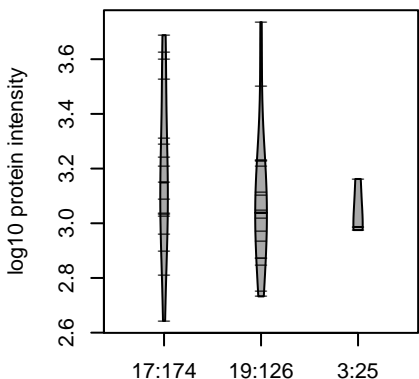
1:101181342:T:C_C
p = 0.4, beta = -0.0639, N = 566

**EVELIIQVTPK pc2
E9PDD2;P19320;P19320-2;P19320-3**



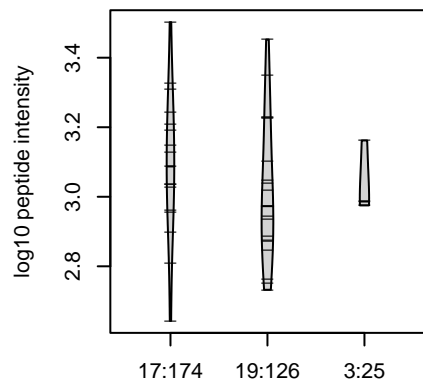
1:101181342:T:C_C
p = 0.68, beta = -0.0385, N = 330

**VCAM1 : NP4
P19320**



1:101181342:T:C_C
p = 0.58, beta = -0.134, N = 39

**QSTQTLVNVAPR pc2
P19320;P19320-2;P19320-3**

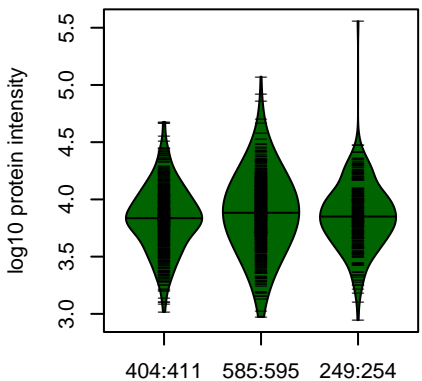


1:101181342:T:C_C
p = 0.59, beta = -0.133, N = 39

Assay Target: VCAM1
Olink UniProt: P19320
UKB rsID: rs12240047
Proxy rsID: rs12240047
UKB SNP: 1:101181342:T:C
Proxy SNP: 1:101181342:T:C
UKB log10(p): 42.7
UKB BETA: -0.102

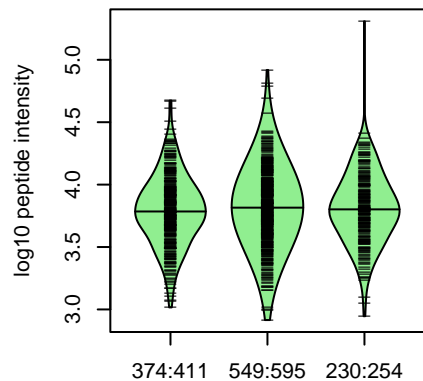
795:610:566:330:269:215:203:1

**CA1 : NP1
P00915**



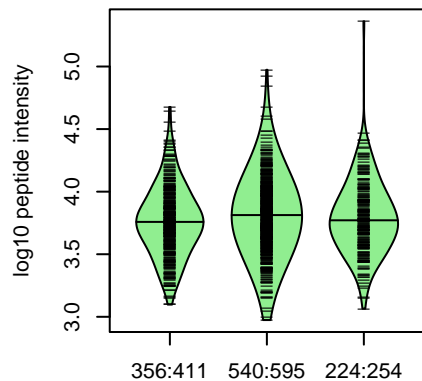
8:86268192:G:T_G
p = 0.36, beta = 0.0365, N = 1238

**ADGLAVIGVLMK pc2
E5RG81;P00915**



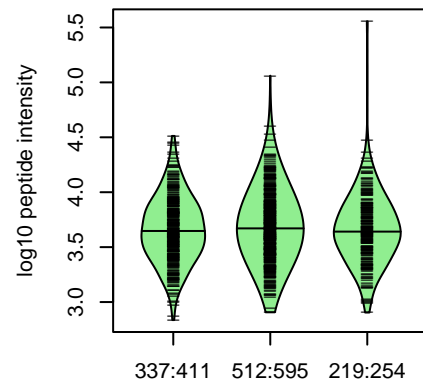
8:86268192:G:T_G
p = 0.61, beta = 0.0208, N = 1153

**YSSLAEAASK pc2
E5RG81;P00915**



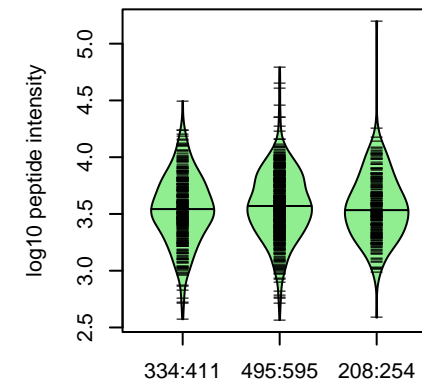
8:86268192:G:T_G
p = 0.16, beta = 0.0586, N = 1120

**VLDALQAIK pc2
P00915**



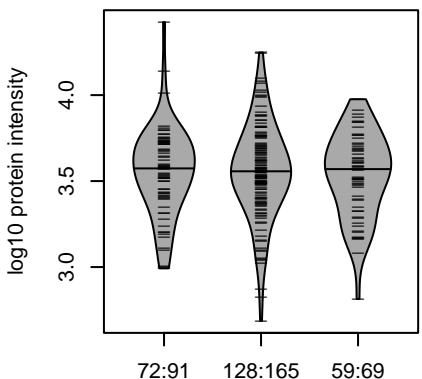
8:86268192:G:T_G
p = 0.77, beta = -0.0128, N = 1068

**SLLSNVEGDNAVPMQHNRRPTQPLK
E5RG81;P00915**



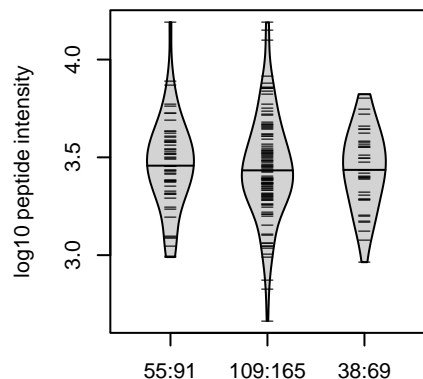
8:86268192:G:T_G
p = 0.42, beta = 0.0349, N = 1037

**CA1 : NP1
P00915**



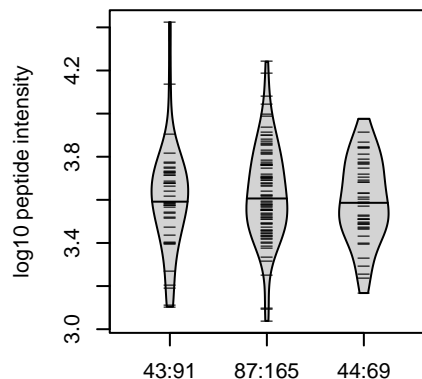
8:86268192:G:T_G
p = 0.78, beta = 0.0238, N = 259

**ADGLAVIGVLMK pc2
E5RG81;P00915**



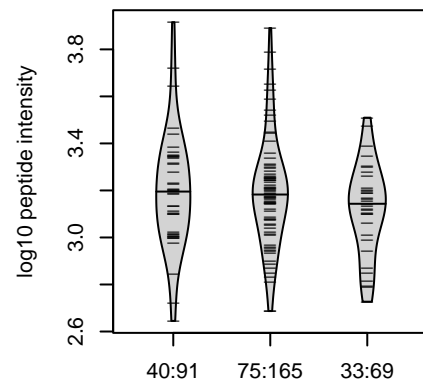
8:86268192:G:T_G
p = 0.93, beta = 0.00942, N = 202

**VLDALQAIK pc2
P00915**



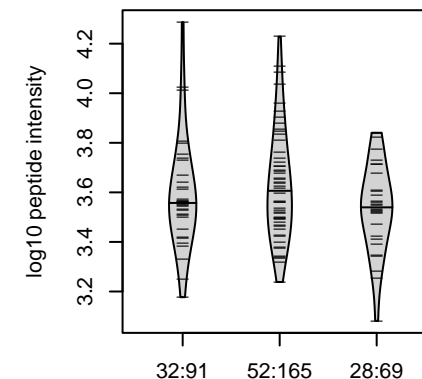
8:86268192:G:T_G
p = 0.77, beta = 0.0302, N = 174

**ESISVSSEQLAQFR pc2
E5RG81;P00915**



8:86268192:G:T_G
p = 0.26, beta = -0.128, N = 148

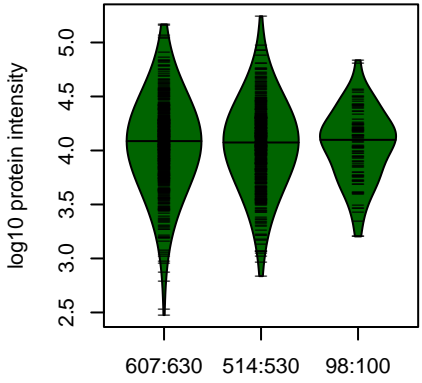
**YSSLAEAASK pc2
E5RG81;P00915**



8:86268192:G:T_G
p = 0.54, beta = -0.0766, N = 112

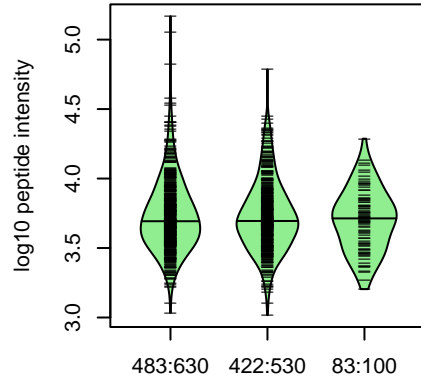
Assay Target: CA1
Olink UniProt: P00915
UKB rsID: rs1532424
Proxy rsID: rs1532424
UKB SNP: 8:86268192:G:T
Proxy SNP: 8:86268192:G:T
UKB log10(p): 41.7
UKB BETA: -0.081
-----NA:NA:NA
1153:1120:1068:1037:927:894:8

**ALDH1A1 : NP5
P00352**



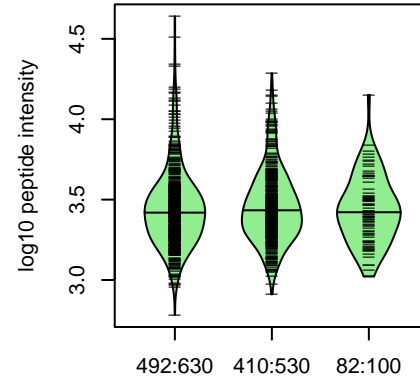
9:75547612:T:C_C
p = 0.58, beta = -0.0251, N = 1219

**QAFQIGSPWR pc2
Q5SYQ9;P00352**



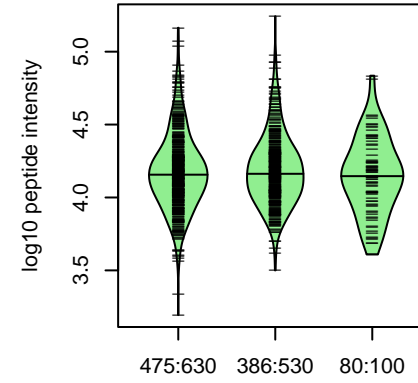
9:75547612:T:C_C
p = 0.33, beta = -0.048, N = 988

**LLLATMESMNGGK pc2
Q5SYQ9;P00352**



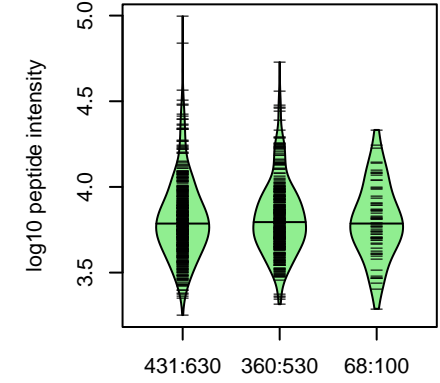
9:75547612:T:C_C
p = 0.89, beta = -0.00684, N = 984

**TIPIDGNFFTYTR pc2
Q5SYQ9;P00352**



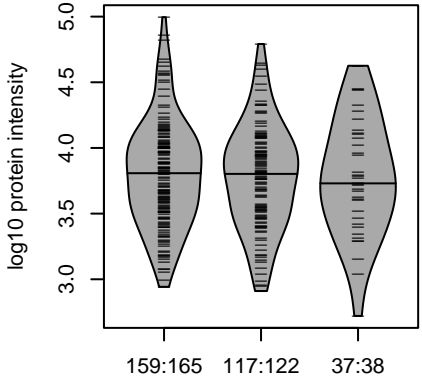
9:75547612:T:C_C
p = 0.5, beta = -0.0337, N = 941

**IFINNEWHDSVSGK pc3
Q5SYQ9;P00352**



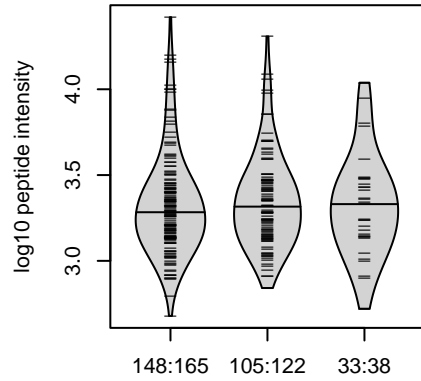
9:75547612:T:C_C
p = 0.86, beta = -0.00926, N = 859

**ALDH1A1 : NP5
P00352**



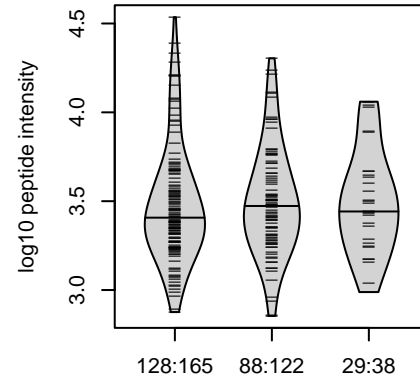
9:75547612:T:C_C
p = 0.4, beta = -0.0676, N = 313

**LYSNAYLNDLAGCIK pc2
Q5SYQ9;P00352**



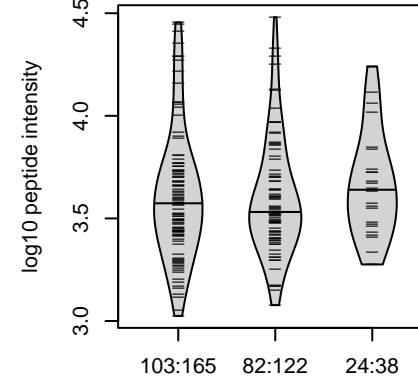
9:75547612:T:C_C
p = 0.94, beta = 0.00621, N = 286

**GYFVQPTVFSNVTDEM R pc2
P00352**



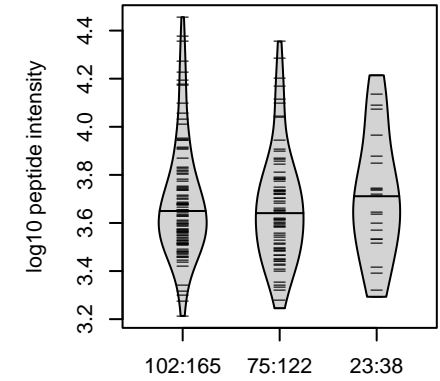
9:75547612:T:C_C
p = 0.79, beta = 0.0245, N = 245

**EEIFGPVQQIMK pc2
P00352**



9:75547612:T:C_C
p = 0.47, beta = 0.0725, N = 209

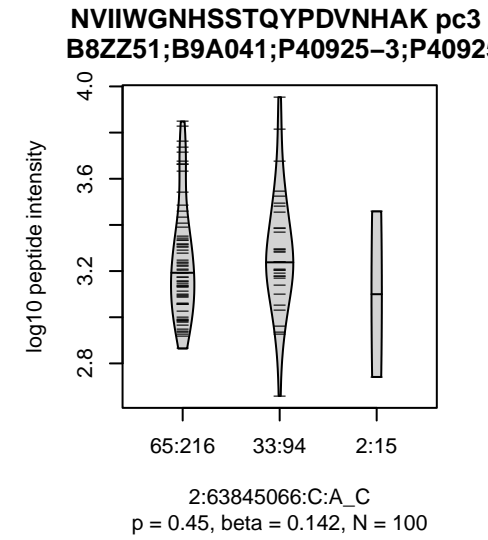
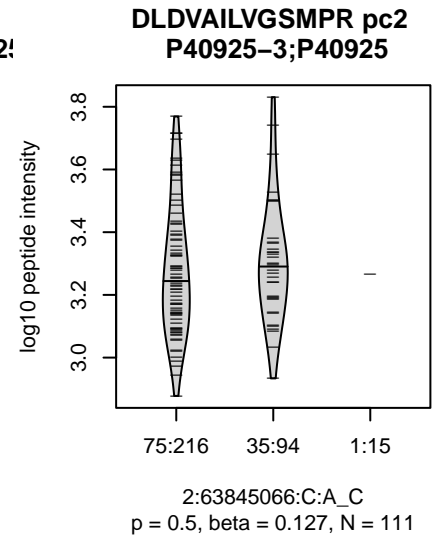
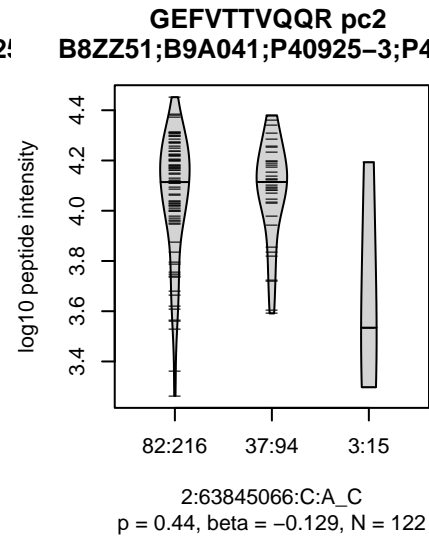
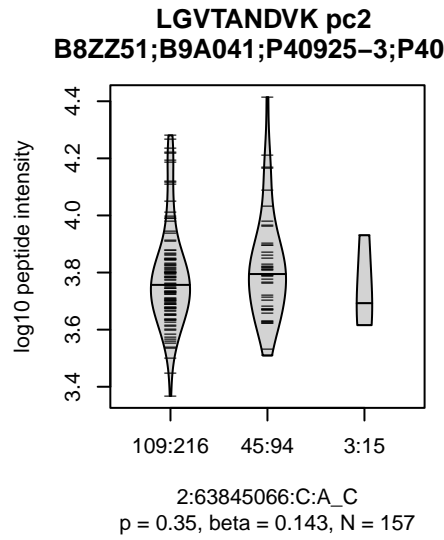
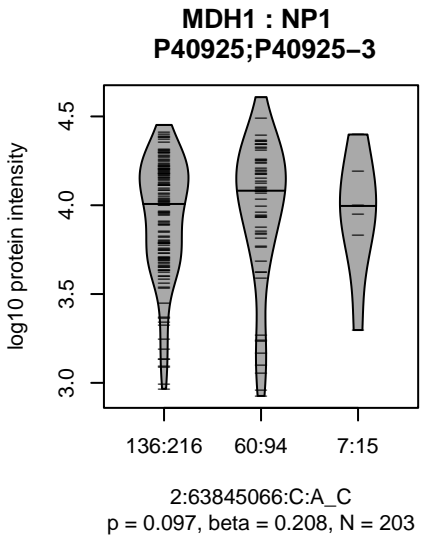
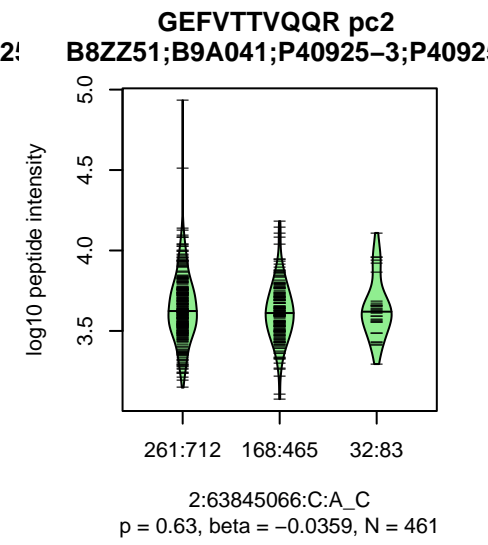
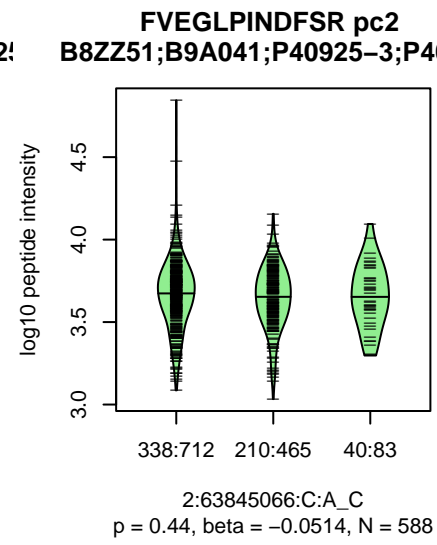
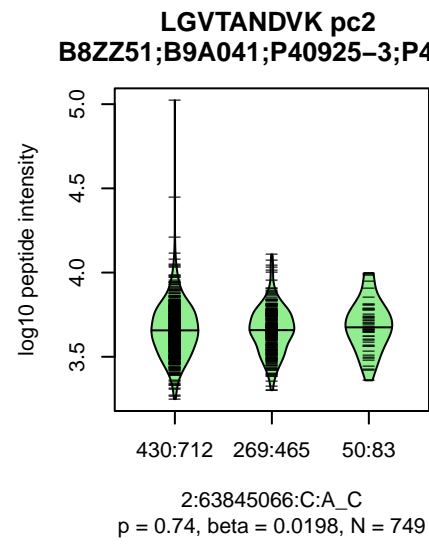
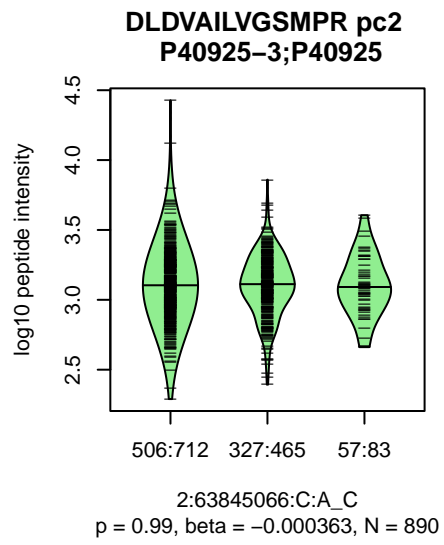
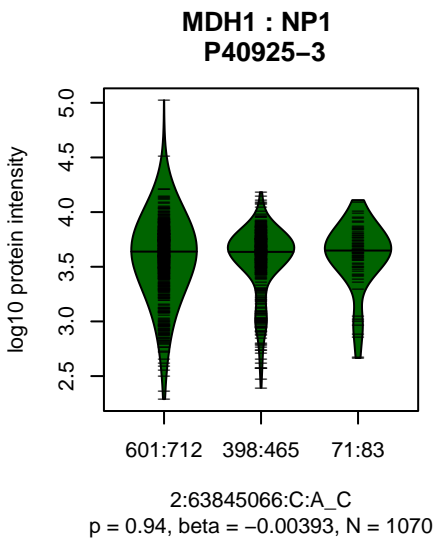
**QAFQIGSPWR pc2
Q5SYQ9;P00352**



9:75547612:T:C_C
p = 0.76, beta = -0.0309, N = 200

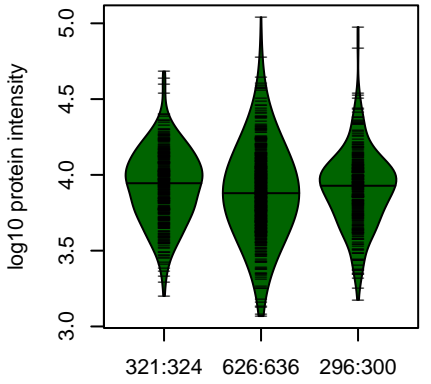
Assay Target: ALDH1A1
Olink UniProt: P00352
UKB rsID: rs348463
Proxy rsID: rs348463
UKB SNP: 9:75547612:T:C
Proxy SNP: 9:75547612:T:C
UKB log10(p): 41.4
UKB BETA: 0.089

988:984:941:859:833:830:793:7



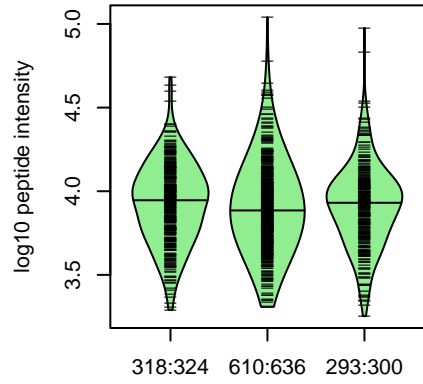
Assay Target: MDH1
 Olink UniProt: P40925
 UKB rsID: rs262493
 Proxy rsID: rs262493
 UKB SNP: 2:63845066:C:A
 Proxy SNP: 2:63845066:C:A
 UKB log10(p): 41.3
 UKB BETA: -0.092
 - - - - -
 890:749:588:461:411:152:111

**CARHSP1 : NP3
Q9Y2V2**



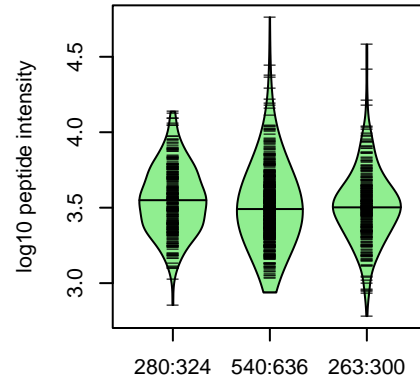
16:8903589:G:T_T
p = 0.22, beta = -0.0495, N = 1243

**LQAVEVVITHLAPGTK pc3
Q9Y2V2**



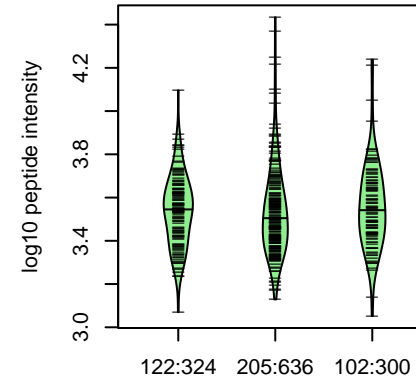
16:8903589:G:T_T
p = 0.35, beta = -0.0377, N = 1221

**HETWSGHVISS pc2
Q9Y2V2**



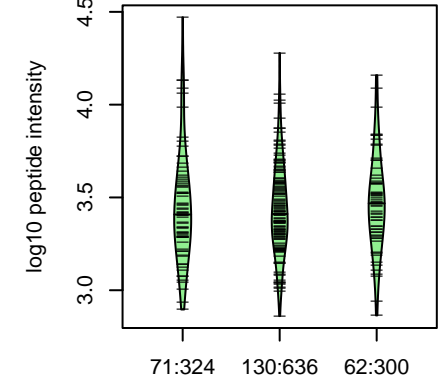
16:8903589:G:T_T
p = 0.023, beta = -0.0968, N = 1083

**ASQGPVYK pc2
I3L3X8;Q9Y2V2**



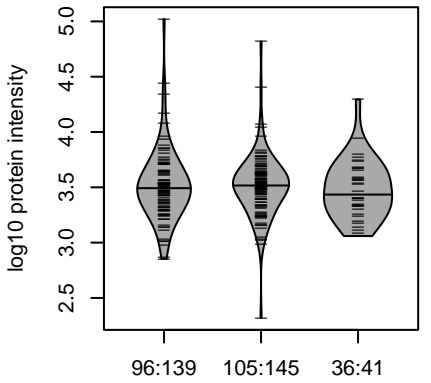
16:8903589:G:T_T
p = 0.74, beta = 0.0224, N = 429

**GNVVP SPLPTR pc2
I3L3X8;Q9Y2V2**



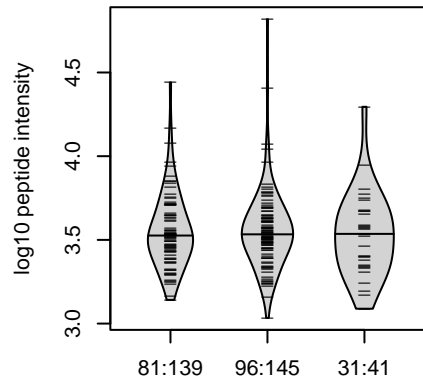
16:8903589:G:T_T
p = 0.34, beta = 0.0823, N = 263

**CARHSP1 : NP3
Q9Y2V2**



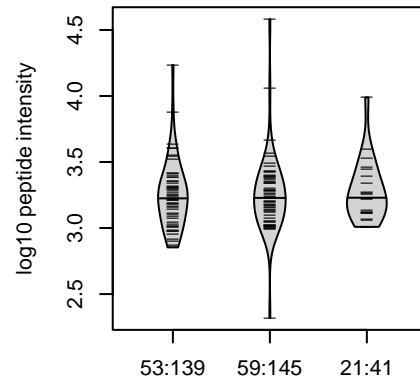
16:8903589:G:T_T
p = 0.73, beta = -0.032, N = 237

**LQAVEVVITHLAPGTK pc3
Q9Y2V2**



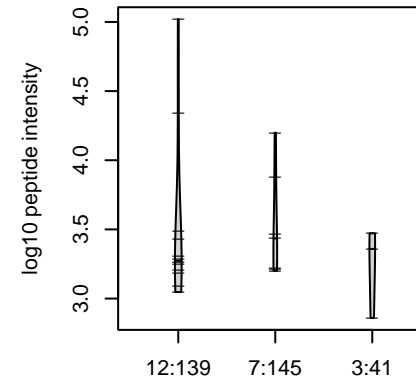
16:8903589:G:T_T
p = 0.61, beta = -0.0496, N = 208

**HETWSGHVISS pc2
Q9Y2V2**



16:8903589:G:T_T
p = 0.77, beta = 0.0349, N = 133

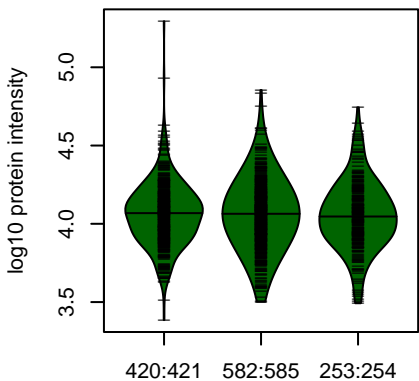
**ASQGPVYK pc2
I3L3X8;Q9Y2V2**



16:8903589:G:T_T
p = 0.63, beta = -0.133, N = 22

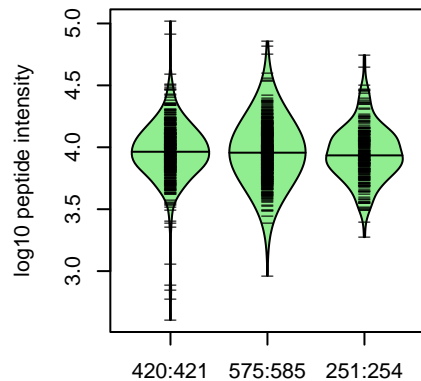
Assay Target: CARHSP1
Olink UniProt: Q9Y2V2
UKB rsID: rs12597479
Proxy rsID: rs12597479
UKB SNP: 16:8903589:G:T
Proxy SNP: 16:8903589:G:T
UKB log10(p): 40.5
UKB BETA: -0.081
- - - - -
1221:1083:429:338:263

NSFL1C : NP2
Q9UNZ2-5



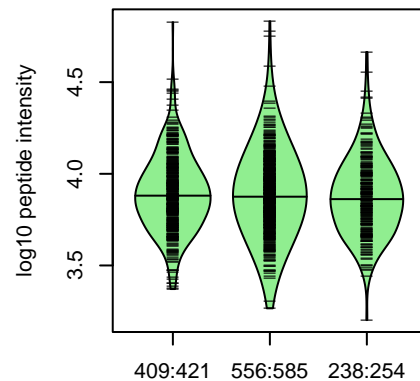
20:1485256:G:C_C
p = 0.38, beta = -0.0342, N = 1255

EANLLNAVIVQR pc2
Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



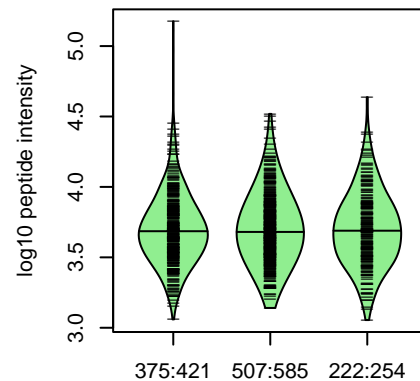
20:1485256:G:C_C
p = 0.097, beta = -0.0649, N = 1246

ELADESQTLLK pc2
Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



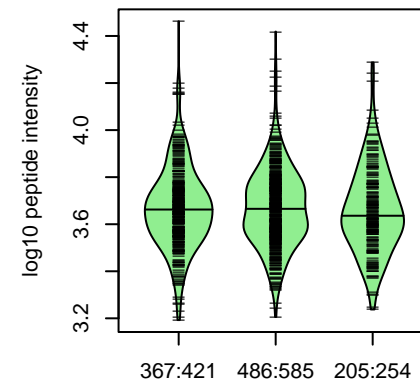
20:1485256:G:C_C
p = 0.27, beta = -0.0441, N = 1203

SGQQIVGPPR pc2
F2Z2K0;Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



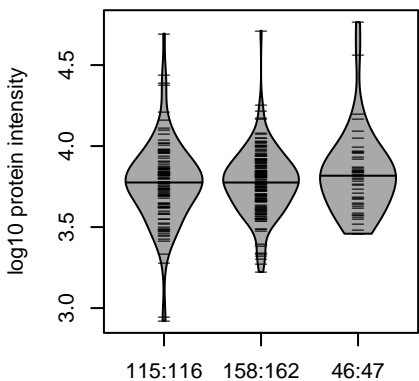
20:1485256:G:C_C
p = 0.83, beta = -0.00897, N = 1104

LAHGGQVNLDMEDHRDEDFVK pc2
F2Z2K0;Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



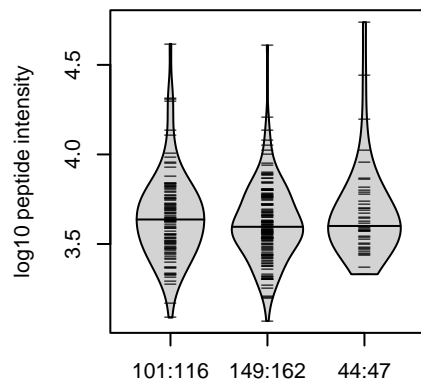
20:1485256:G:C_C
p = 0.3, beta = -0.044, N = 1058

NSFL1C : NP2
Q9UNZ2-5



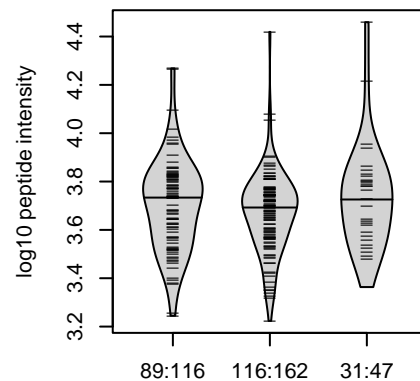
20:1485256:G:C_G
p = 0.37, beta = 0.074, N = 319

EANLLNAVIVQR pc2
Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



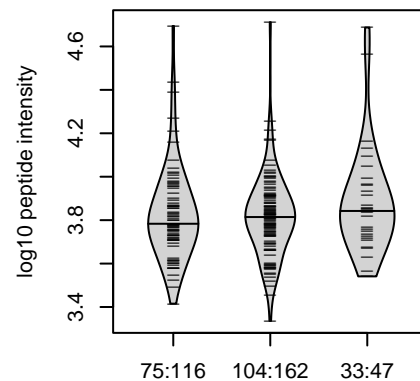
20:1485256:G:C_G
p = 0.96, beta = -0.00378, N = 294

LAHGGQVNLDMEDHRDEDFVK pc2
F2Z2K0;Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



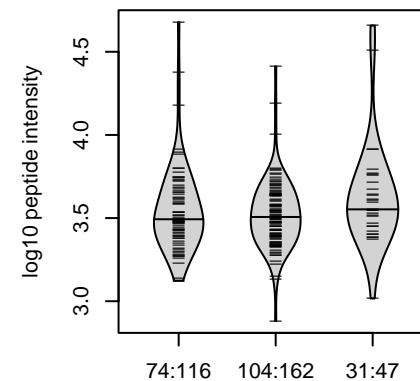
20:1485256:G:C_G
p = 0.82, beta = -0.0223, N = 236

SGFSLDNGELR pc2
F2Z2K0;Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5



20:1485256:G:C_G
p = 0.41, beta = 0.0806, N = 212

SGQQIVGPPR pc2
F2Z2K0;Q9UNZ2;Q9UNZ2-4;Q9UNZ2-5

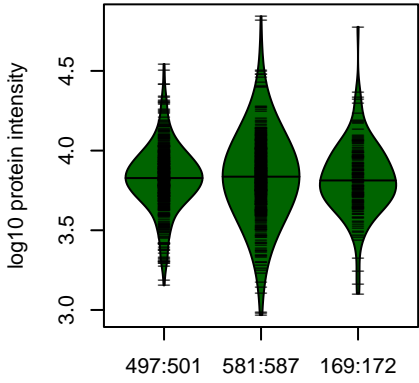


20:1485256:G:C_G
p = 0.3, beta = 0.104, N = 209

Assay Target: NSFL1C
Olink UniProt: Q9UNZ2
UKB rsID: rs6042675
Proxy rsID: rs6042675
UKB SNP: 20:1485256:G:C
Proxy SNP: 20:1485256:G:C
UKB log10(p): 38.3
UKB BETA: -0.08

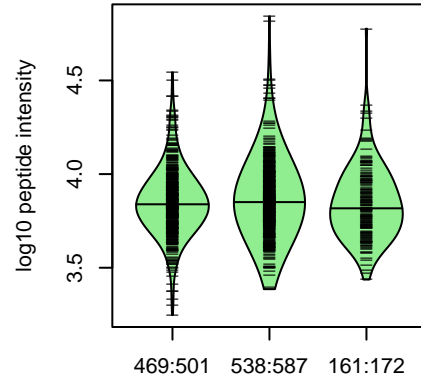
1246:1203:1104:1058:993:981:8

TINAGL1 : NP2
Q9GZM7;Q9GZM7-3



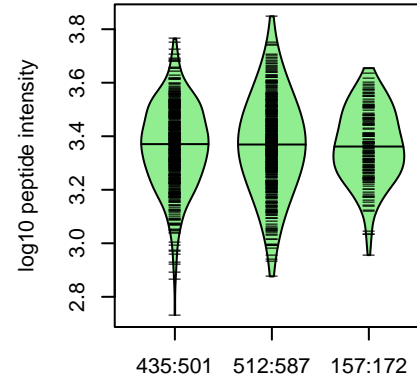
1:32047305:A:G_A
 $p = 0.86$, $\beta = 0.00743$, $N = 1247$

ITGWGEETLPDGR pc2
F6SDV2;Q9GZM7;Q9GZM7-3



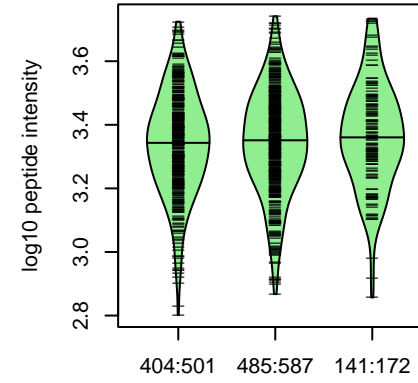
1:32047305:A:G_A
 $p = 0.83$, $\beta = 0.00888$, $N = 1168$

VGMEDMGHH pc2
F6SDV2;Q9GZM7;Q9GZM7-3



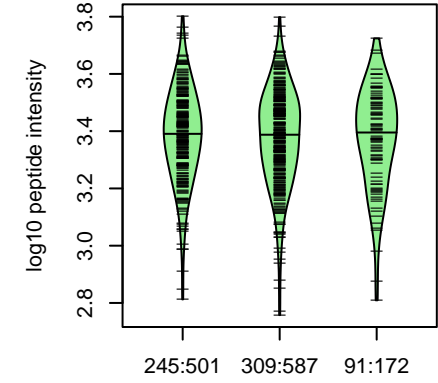
1:32047305:A:G_A
 $p = 0.53$, $\beta = 0.0271$, $N = 1104$

GVNECDIESFVLGVWGR pc3
F6SDV2;Q9GZM7;Q9GZM7-3



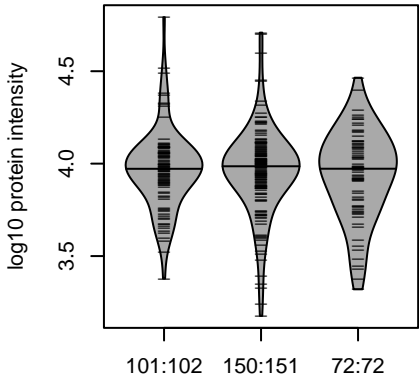
1:32047305:A:G_A
 $p = 0.085$, $\beta = 0.0784$, $N = 1030$

YWTAANSWGPWGR pc2
F6SDV2;Q9GZM7;Q9GZM7-3



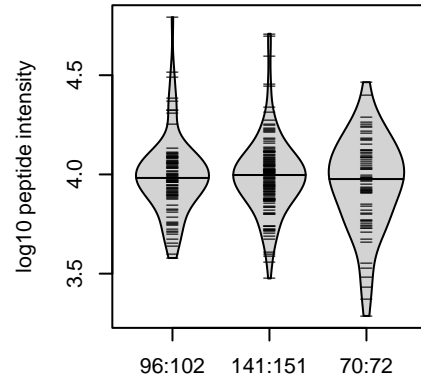
1:32047305:A:G_A
 $p = 0.52$, $\beta = -0.0367$, $N = 645$

TINAGL1 : NP2
Q9GZM7;Q9GZM7-3



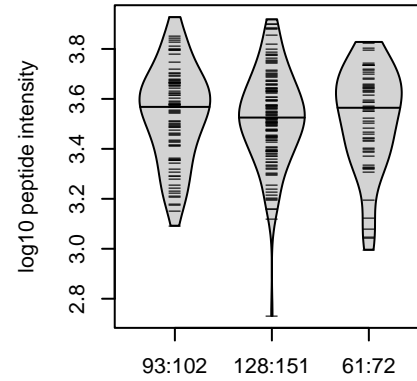
1:32047305:A:G_A
 $p = 0.95$, $\beta = 0.0048$, $N = 323$

ITGWGEETLPDGR pc2
F6SDV2;Q9GZM7;Q9GZM7-3



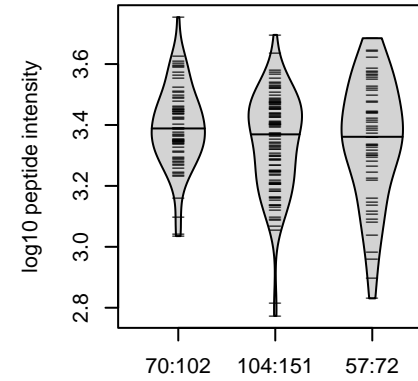
1:32047305:A:G_A
 $p = 0.91$, $\beta = -0.00864$, $N = 307$

GVNECDIESFVLGVWGR pc3
F6SDV2;Q9GZM7;Q9GZM7-3



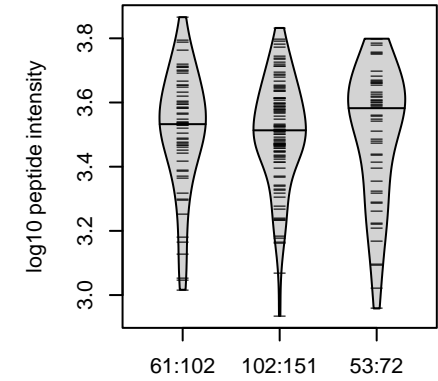
1:32047305:A:G_A
 $p = 0.77$, $\beta = -0.0231$, $N = 282$

VGMEDMGHH pc2
F6SDV2;Q9GZM7;Q9GZM7-3



1:32047305:A:G_A
 $p = 0.38$, $\beta = -0.0774$, $N = 231$

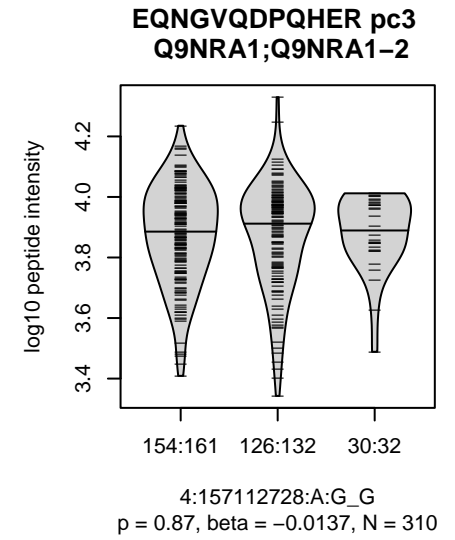
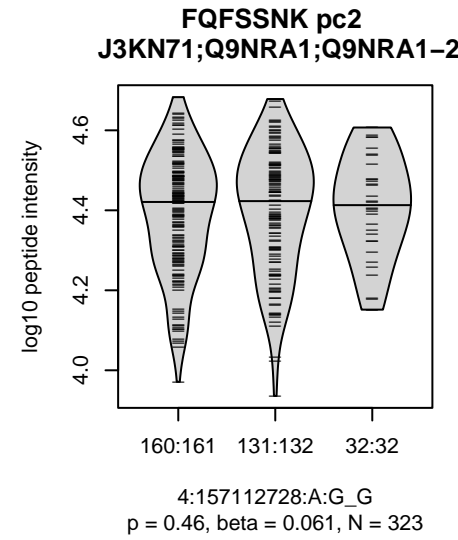
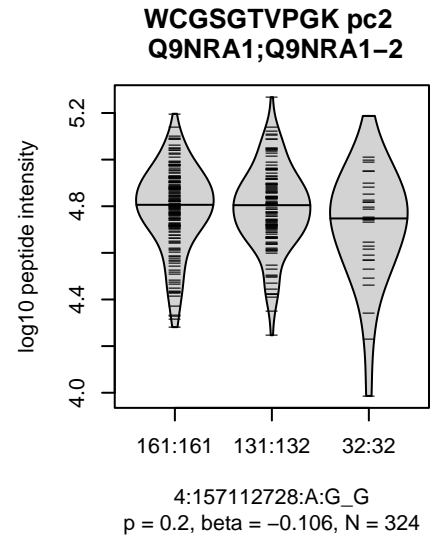
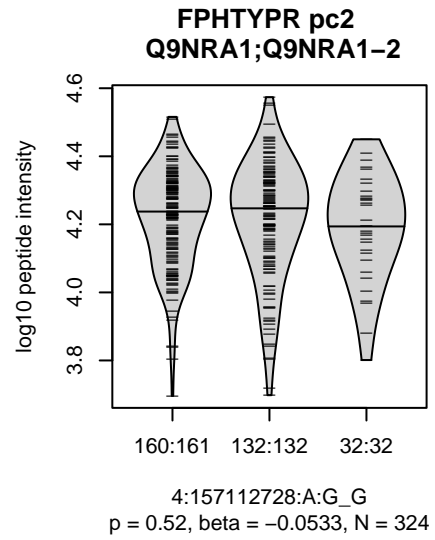
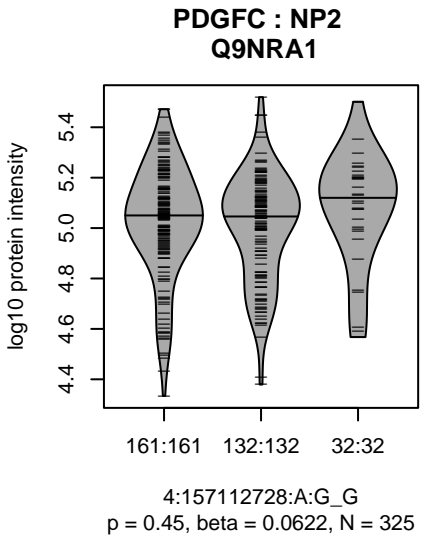
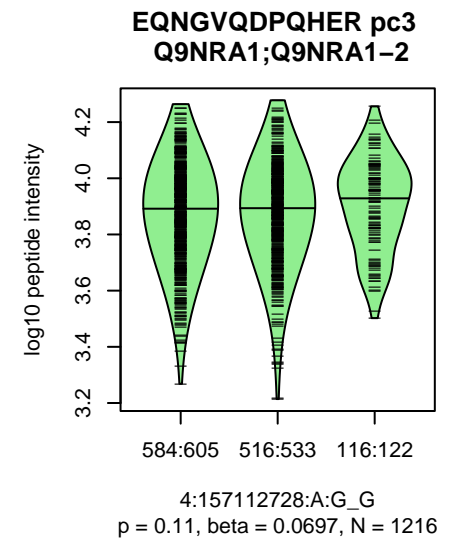
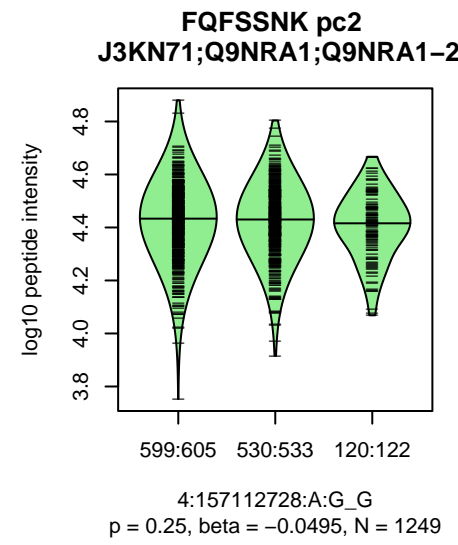
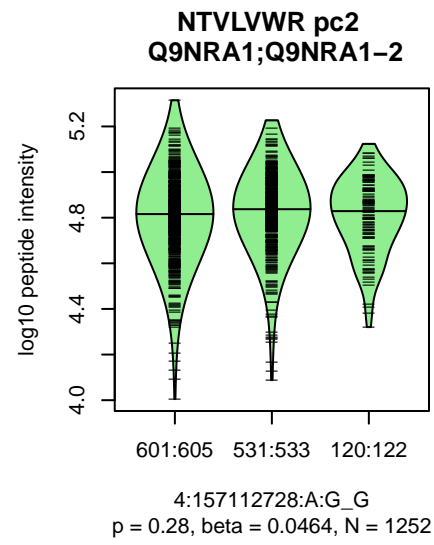
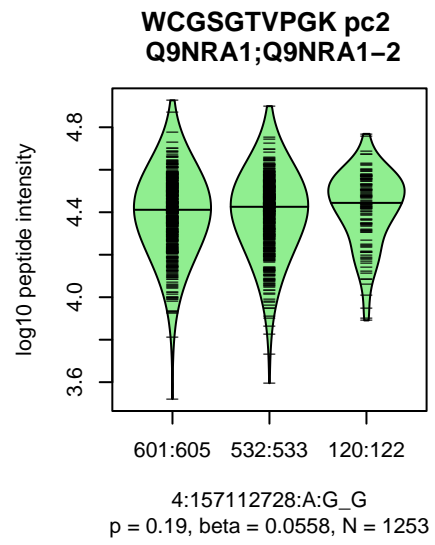
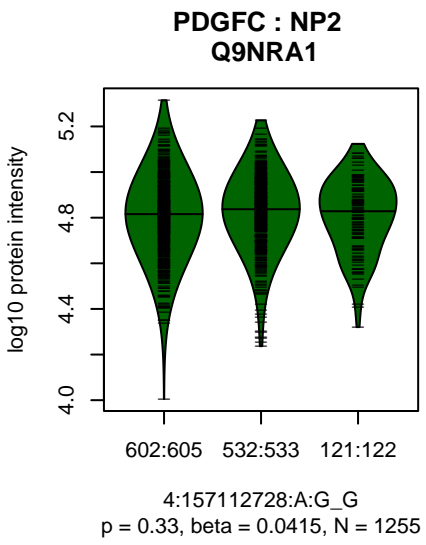
YWTAANSWGPWGR pc2
F6SDV2;Q9GZM7;Q9GZM7-3



1:32047305:A:G_A
 $p = 0.6$, $\beta = 0.0487$, $N = 216$

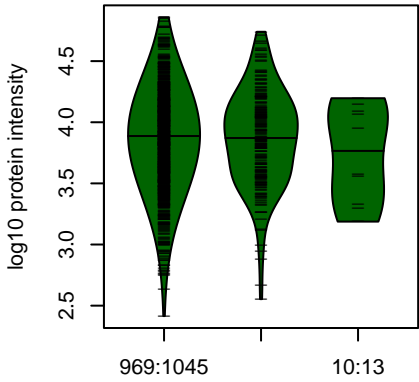
Assay Target: TINAGL1
Olink UniProt: Q9GZM7
UKB rsID: rs945214
Proxy rsID: rs945214
UKB SNP: 1:32047305:A:G
Proxy SNP: 1:32047305:A:G
UKB log10(p): 38
UKB BETA: -0.082

1168:1104:1030:645:530:427:38



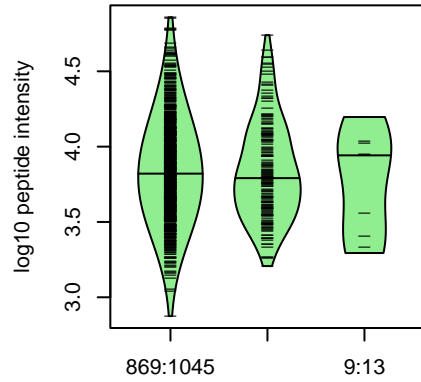
Assay Target: PDGFC
 Olink UniProt: Q9NRA1
 UKB rsID: rs2341218
 Proxy rsID: rs2341218
 UKB SNP: 4:157112728:A:G
 Proxy SNP: 4:157112728:A:G
 UKB log10(p): 36.6
 UKB BETA: -0.086
 -----NA:NA:N
 1253:1252:1249:1216:1181:106

**NEXN : NP2
Q0ZGT2**



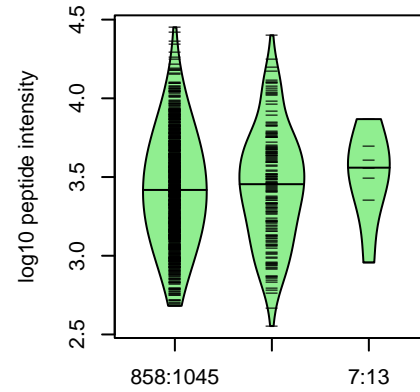
1:78438138:G:T_T
p = 0.44, beta = 0.0555, N = 1170

**NTSVVDSEPVR pc2
Q0ZGT2;Q0ZGT2-4**



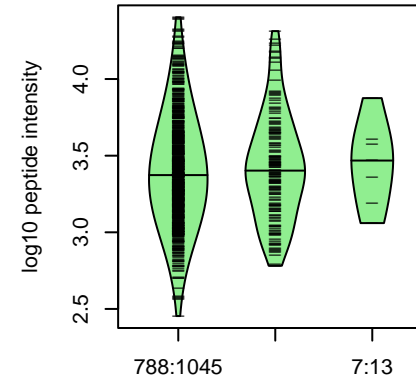
1:78438138:G:T_T
p = 0.76, beta = 0.0226, N = 1051

**LEINFEELLK pc2
Q0ZGT2;Q0ZGT2-4**



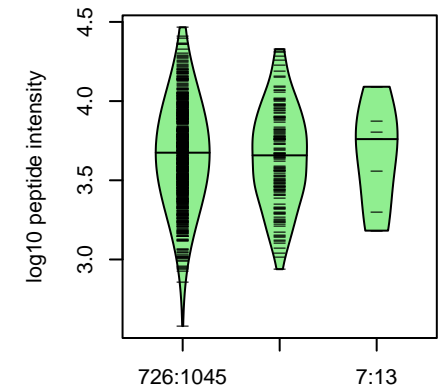
1:78438138:G:T_T
p = 0.17, beta = 0.106, N = 1034

**GSAASTCILTIESK pc2
Q0ZGT2;Q0ZGT2-4**



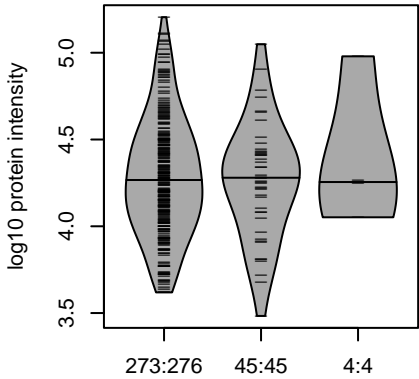
1:78438138:G:T_T
p = 0.18, beta = 0.109, N = 950

**AIDLEIK pc2
Q0ZGT2;Q0ZGT2-4**



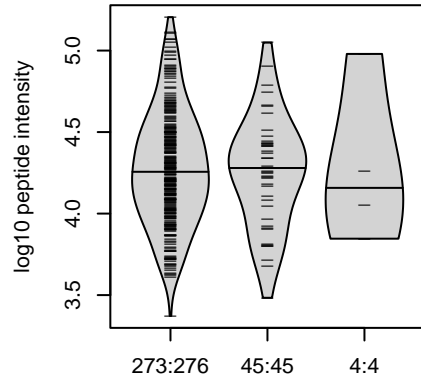
1:78438138:G:T_T
p = 0.93, beta = -0.00775, N = 875

**NEXN : NP2
Q0ZGT2;Q0ZGT2-4**



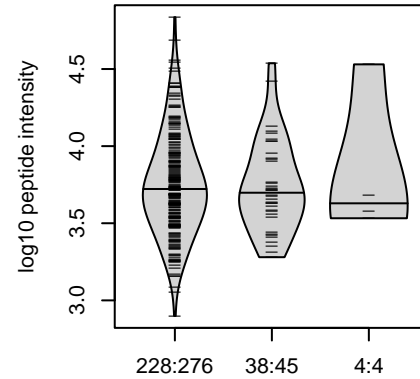
1:78438138:G:T_T
p = 0.89, beta = -0.0189, N = 322

**NTSVVDSEPVR pc2
Q0ZGT2;Q0ZGT2-4**



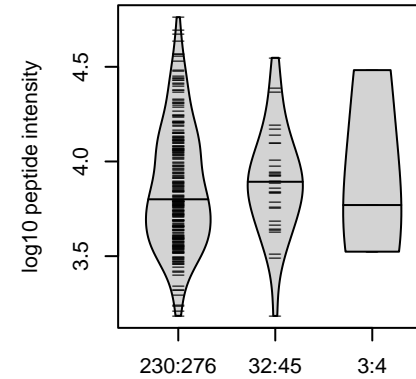
1:78438138:G:T_T
p = 0.64, beta = -0.0639, N = 322

**LEINFEELLK pc2
Q0ZGT2;Q0ZGT2-4**



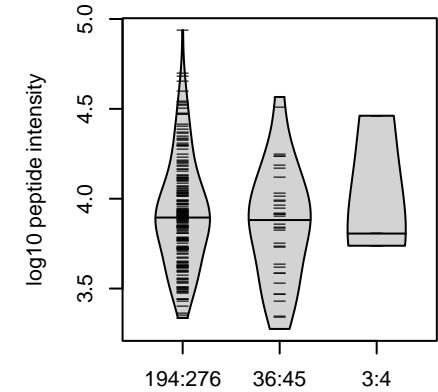
1:78438138:G:T_T
p = 0.94, beta = 0.0109, N = 270

**GSAASTCILTIESK pc2
Q0ZGT2;Q0ZGT2-4**



1:78438138:G:T_T
p = 0.47, beta = 0.115, N = 265

**LSFEEMER pc2
Q0ZGT2;Q0ZGT2-4**

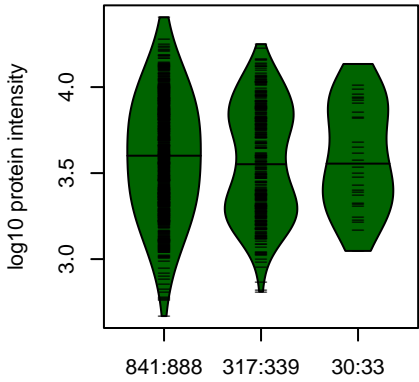


1:78438138:G:T_T
p = 0.49, beta = -0.107, N = 233

Assay Target: NEXN
Olink UniProt: Q0ZGT2
UKB rsID: rs17387365
Proxy rsID: rs17387365
UKB SNP: 1:78438138:G:T
Proxy SNP: 1:78438138:G:T
UKB log10(p): 35.4
UKB BETA: -0.143

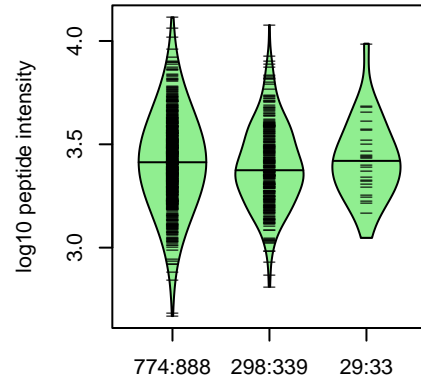
1051:1034:950:875:837:792:564

FSTL3 : NP2
O95633



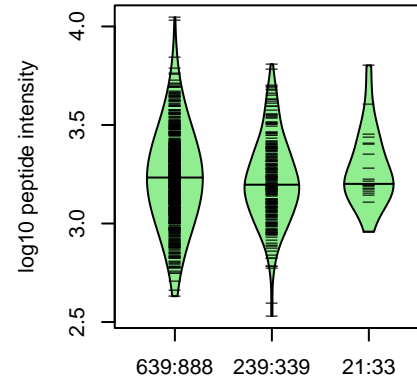
19:662431:T:C_T
p = 0.21, beta = -0.0699, N = 1188

INLLGFLGLVHCLPCK pc3
O95633



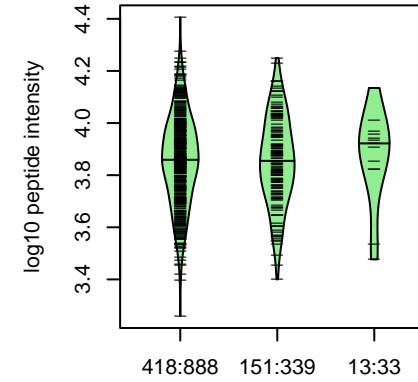
19:662431:T:C_T
p = 0.19, beta = -0.0763, N = 1101

CECAPDCSGLPAR pc2
O95633



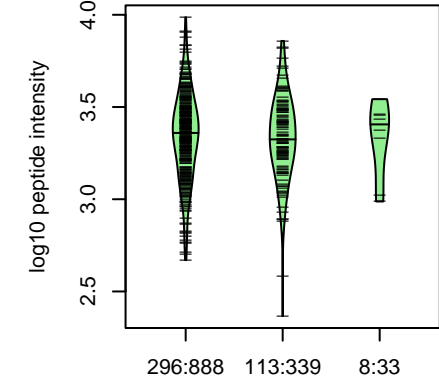
19:662431:T:C_T
p = 0.96, beta = -0.00289, N = 899

QATCFLGR pc2
K7EM71;O95633



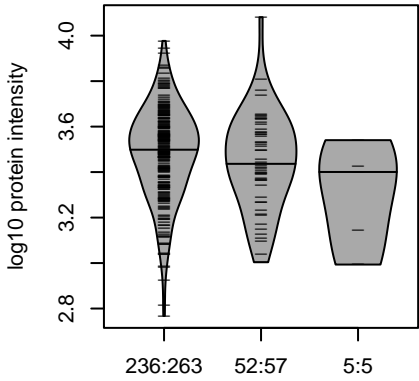
19:662431:T:C_T
p = 0.94, beta = -0.00598, N = 582

LQVCGSDGATYRDECEL R pc3
O95633



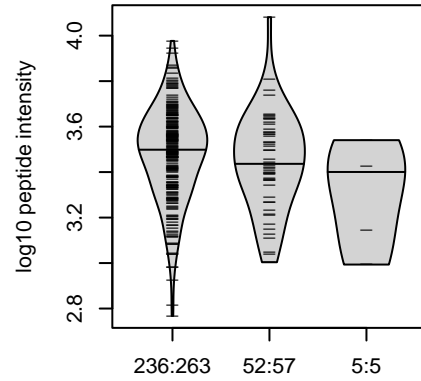
19:662431:T:C_T
p = 0.71, beta = -0.0365, N = 417

FSTL3 : NP2
O95633



19:662431:T:C_T
p = 0.13, beta = -0.195, N = 293

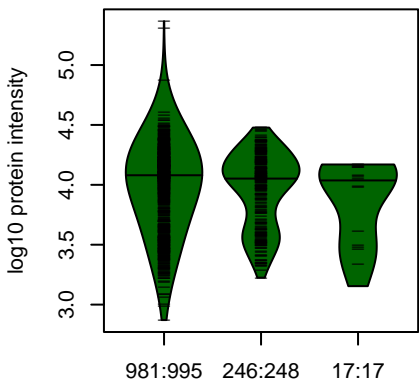
INLLGFLGLVHCLPCK pc3
O95633



19:662431:T:C_T
p = 0.14, beta = -0.189, N = 293

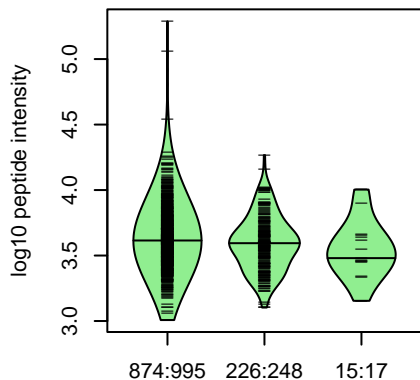
Assay Target: FSTL3
Olink UniProt: O95633
UKB rsID: rs929263
Proxy rsID: rs4919882
UKB SNP: 19:663373:C:T
Proxy SNP: 19:662431:T:C
UKB log10(p): 34.9
UKB BETA: 0.099
-:-:-:-
1101:899:582:417

**HCLS1 : NP2
P14317**



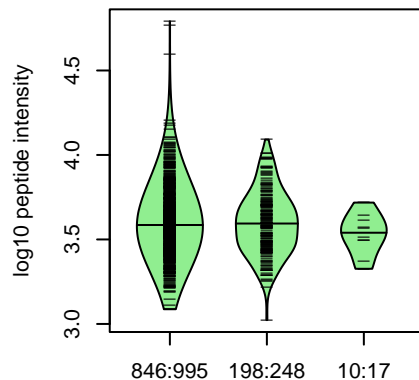
3:121377905:C:A_A
p = 0.17, beta = -0.087, N = 1244

**EHPVLLPIR pc2
E7EVW7;P14317**



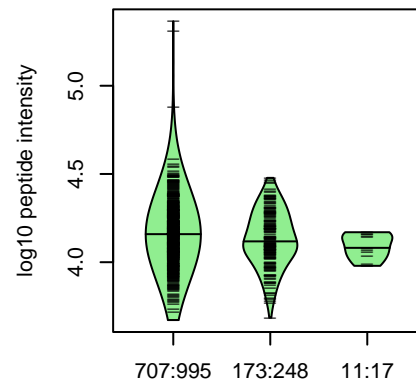
3:121377905:C:A_A
p = 0.029, beta = -0.144, N = 1115

**SAVGHEYVAEVEK pc3
E7EVW7;P14317;P14317-2**



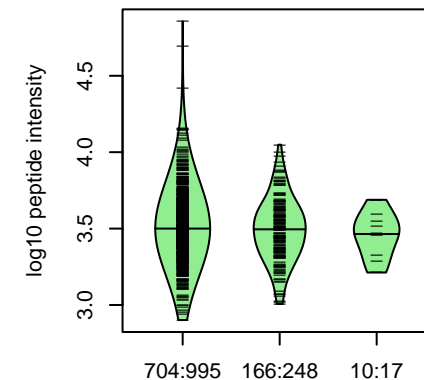
3:121377905:C:A_A
p = 0.97, beta = -0.00235, N = 1054

**FESMAEEK pc2
E7EVW7;P14317**



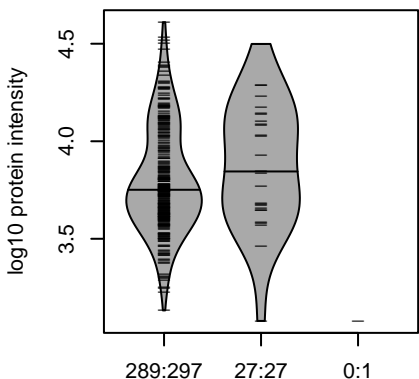
3:121377905:C:A_A
p = 0.034, beta = -0.159, N = 891

**TEHINIHLR pc3
E7EVW7;P14317;P14317-2**



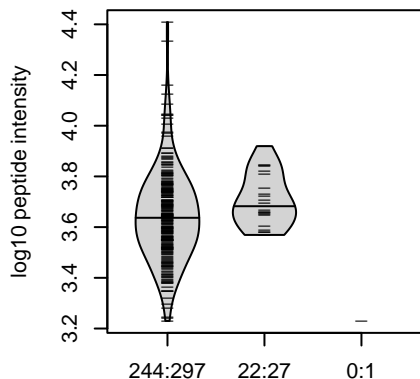
3:121377905:C:A_A
p = 0.39, beta = -0.0667, N = 880

**HCLS1 : NP2
P14317**



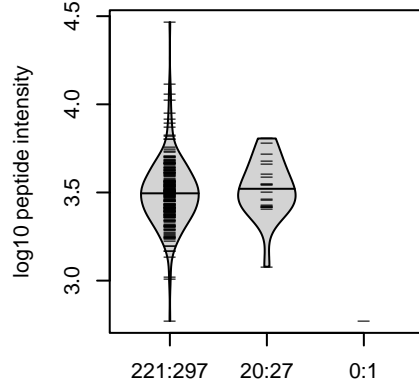
3:121377905:C:A_A
p = 0.33, beta = 0.194, N = 316

**EHPVLLPIR pc2
E7EVW7;P14317**



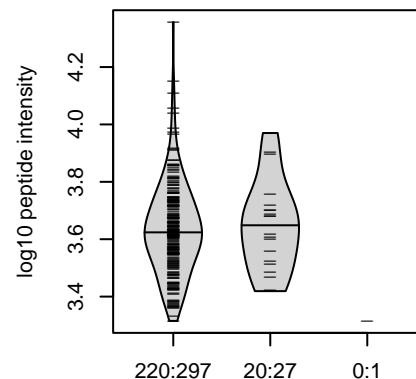
3:121377905:C:A_A
p = 0.08, beta = 0.384, N = 266

**GFGGQYGIQK pc2
E7EVW7;P14317**



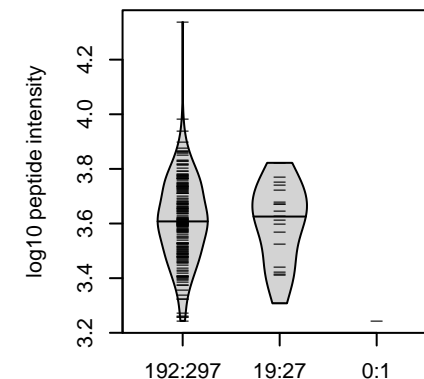
3:121377905:C:A_A
p = 0.32, beta = 0.229, N = 241

**CHGHFGLFPANYVK pc3
E7EVW7;P14317**



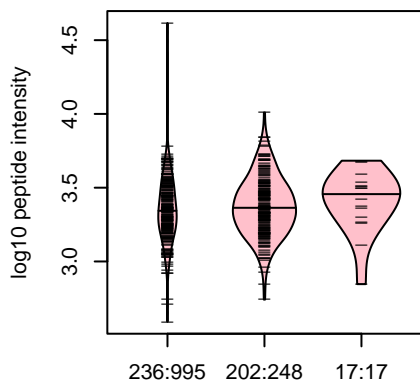
3:121377905:C:A_A
p = 0.89, beta = -0.0311, N = 240

**SAVGHEYVAEVEK pc3
E7EVW7;P14317;P14317-2**



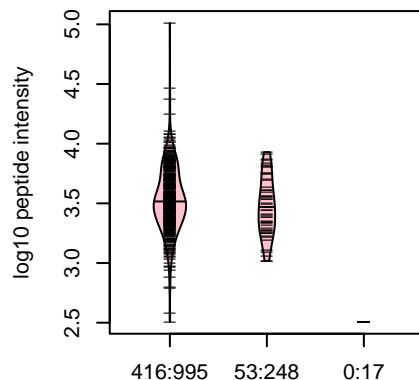
3:121377905:C:A_A
p = 0.42, beta = -0.191, N = 211

**TLEGLQVEEPVYK pc2
rs2070180 ALT**



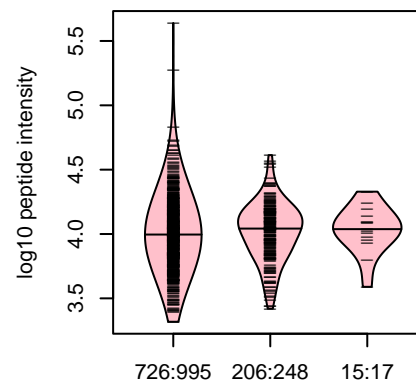
3:121377905:C:A_A
p = 7.5e-70, model = REC, N = 455

**TTPIEAASSGTR pc2
rs2070179 REF**



3:121377905:C:A_A
p = 1.9e-11, model = REC, N = 469

**TTPIEAASSGAR pc2
rs2070179 ALT**

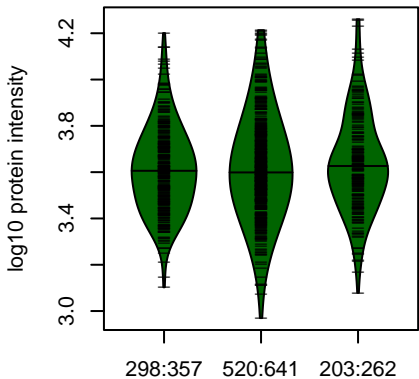


3:121377905:C:A_A
p = 0.00041, model = REC, N = 947

Assay Target: HCLS1
Olink UniProt: P14317
UKB rsID: rs78654812
Proxy rsID: rs78654812
UKB SNP: 3:121377905:C:A
Proxy SNP: 3:121377905:C:A
UKB log10(p): 34.2
UKB BETA: -0.107

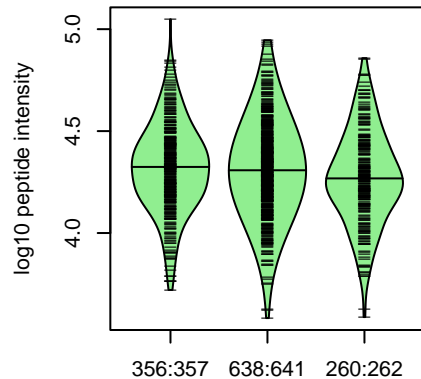
1115:1054:891:880:845:727:623

**RHOC : NP1
P08134**



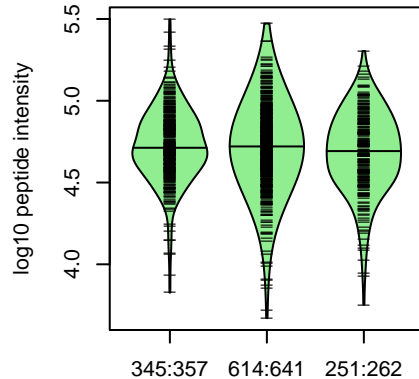
1:113061959:G:C_C
p = 0.18, beta = 0.0601, N = 1021

**TCLLIVFSK pc2
0A7I2YQV1;C9JRM1;C9JX21;E9PLA2**



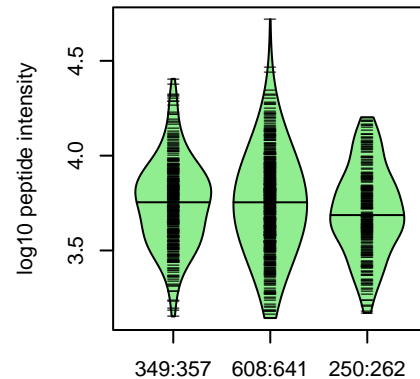
1:113061959:G:C_C
p = 0.013, beta = -0.1, N = 1254

**EVFEMATR pc2
A0A7I2YQV1;P08134;P61586**



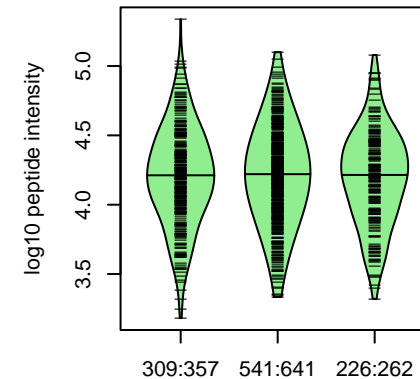
1:113061959:G:C_C
p = 0.074, beta = -0.0734, N = 1210

**HFCPNVPIILVGNK pc3
0A7I2V3G1;C9JX21;Q5JR05;P08134;F6;A0A7I2YQV1;C9JRM1;C9JX21;E9P**



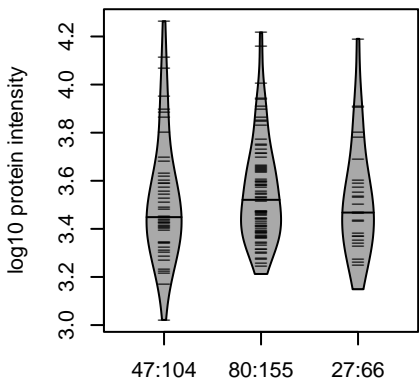
1:113061959:G:C_C
p = 0.024, beta = -0.0924, N = 1207

**LVIVGDGACGK pc2
0A7I2V3G1;C9JX21;Q5JR05;P08134;F6;A0A7I2YQV1;C9JRM1;C9JX21;E9P**



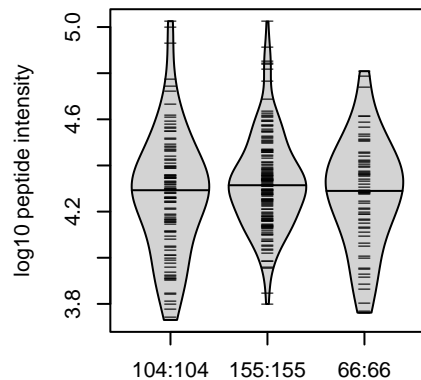
1:113061959:G:C_C
p = 0.54, beta = -0.0267, N = 1076

**RHOC : NP1
P08134**



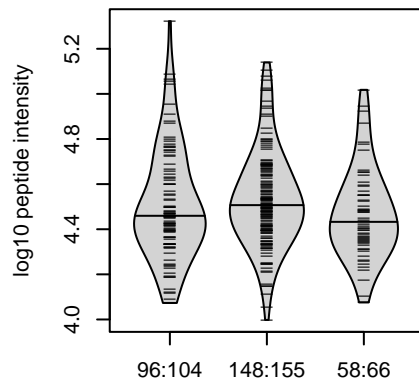
1:113061959:G:C_C
p = 0.46, beta = 0.0852, N = 154

**TCLLIVFSK pc2
0A7I2YQV1;C9JRM1;C9JX21;E9PLA2**



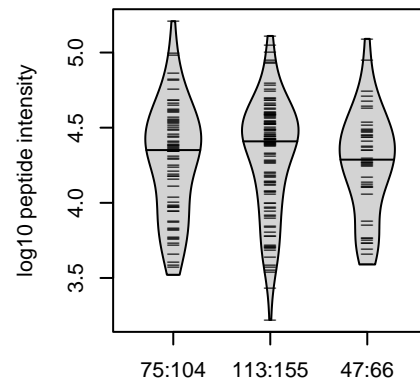
1:113061959:G:C_C
p = 0.55, beta = 0.0455, N = 325

**EVFEMATR pc2
A0A7I2YQV1;P08134;P61586**



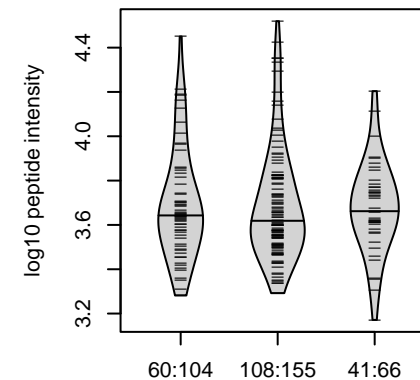
1:113061959:G:C_C
p = 0.79, beta = -0.0219, N = 302

**LVIVGDGACGK pc2
0A7I2V3G1;C9JX21;Q5JR05;P08134;F6;A0A7I2YQV1;C9JRM1;C9JX21;E9P**



1:113061959:G:C_C
p = 0.52, beta = -0.0587, N = 235

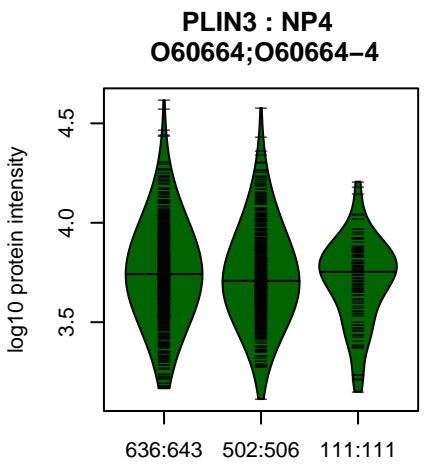
**HFCPNVPIILVGNK pc3
0A7I2V3G1;C9JX21;Q5JR05;P08134;F6;A0A7I2YQV1;C9JRM1;C9JX21;E9P**



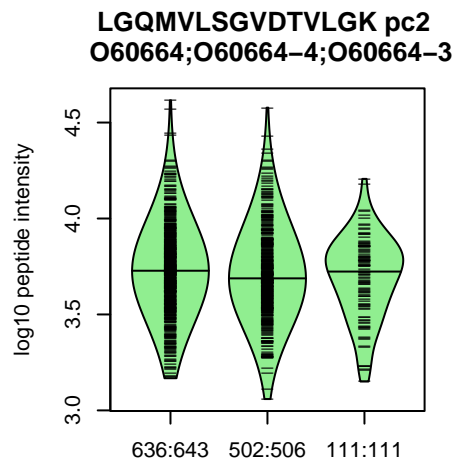
1:113061959:G:C_C
p = 0.71, beta = -0.0372, N = 209

Assay Target: RHOC
Olink UniProt: P08134
UKB rsID: rs1006298
Proxy rsID: rs1006298
UKB SNP: 1:113061959:G:C
Proxy SNP: 1:113061959:G:C
UKB log10(p): 33.9
UKB BETA: 0.076

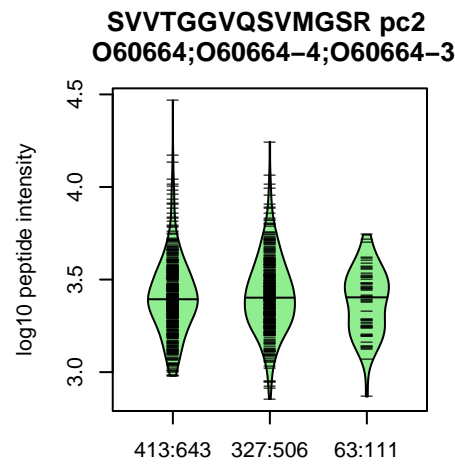
1254:1210:1207:1076:1009:842



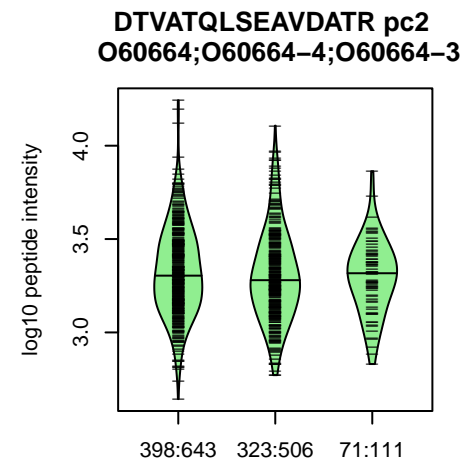
19:4859937:T:C_T
p = 0.14, beta = -0.0641, N = 1249



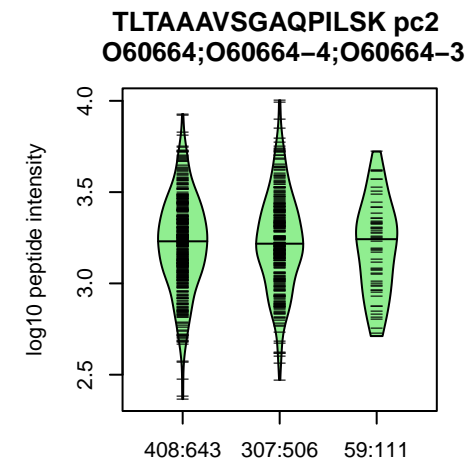
19:4859937:T:C_T
p = 0.11, beta = -0.0699, N = 1249



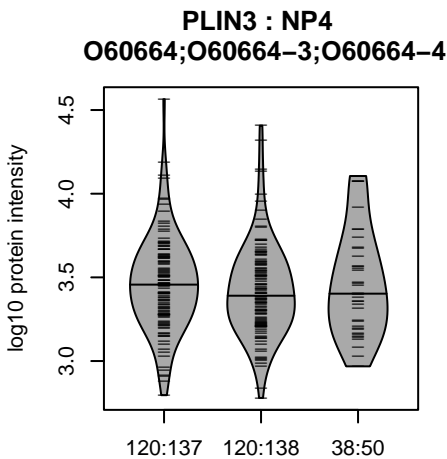
19:4859937:T:C_T
p = 0.62, beta = -0.0274, N = 803



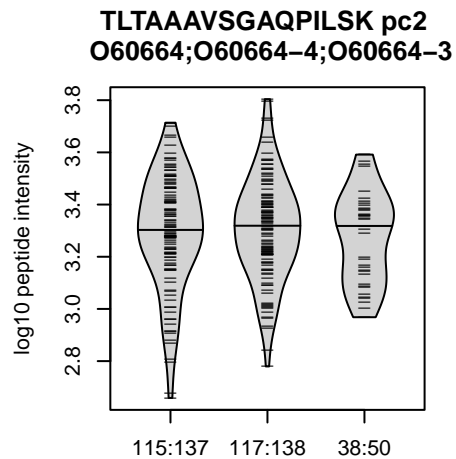
19:4859937:T:C_T
p = 0.27, beta = -0.0597, N = 792



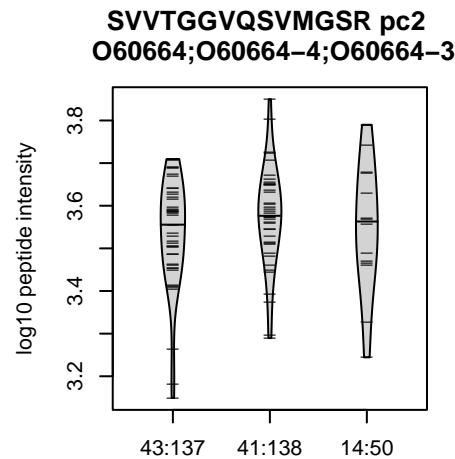
19:4859937:T:C_T
p = 0.88, beta = -0.00823, N = 774



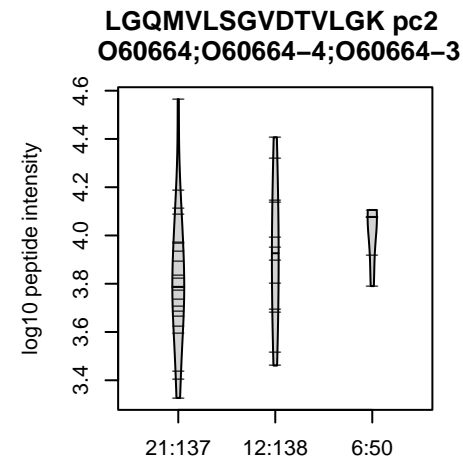
19:4859937:T:C_T
p = 0.4, beta = -0.0717, N = 278



19:4859937:T:C_T
p = 0.58, beta = -0.0475, N = 270

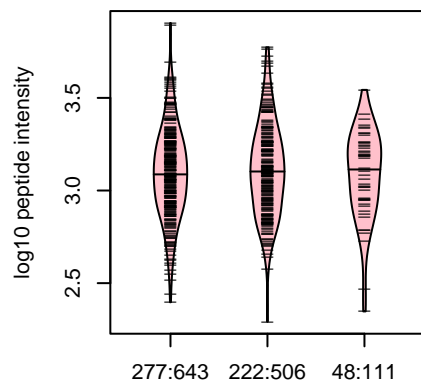


19:4859937:T:C_T
p = 0.93, beta = -0.0121, N = 98



19:4859937:T:C_T
p = 0.16, beta = 0.288, N = 39

QRAQEALLQLSQALSLMETVK pc2
rs9973235 ALT

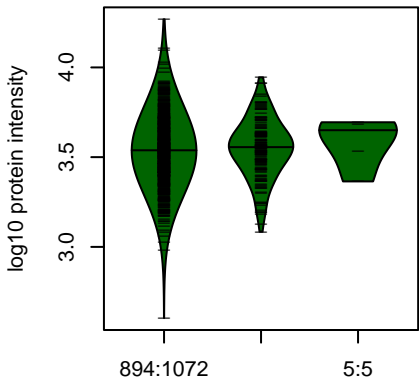


19:4859937:T:C_T
p = 0.82, model = REC, N = 547

Assay Target: PLIN3
Olink UniProt: O60664
UKB rsID: rs8289
Proxy rsID: rs8289
UKB SNP: 19:4859937:T:C
Proxy SNP: 19:4859937:T:C
UKB log10(p): 31.7
UKB BETA: 0.084

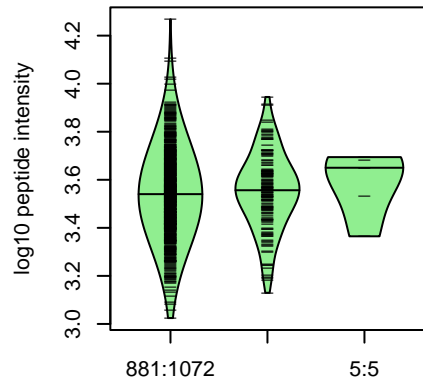
1249:803:792:774:658:635:369:

**CD34 : NP2
P28906**



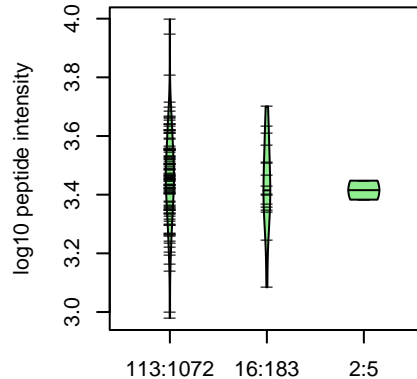
1:208057800:C:T_T
p = 0.35, beta = 0.0772, N = 1051

**TSSCAEFK pc2
P28906;P28906-2**



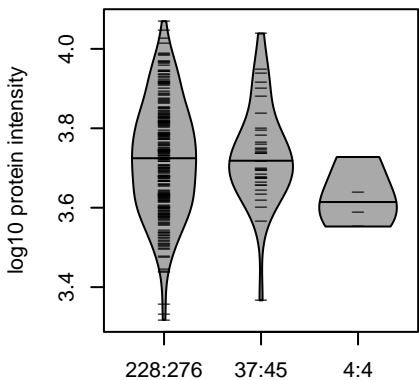
1:208057800:C:T_T
p = 0.32, beta = 0.0824, N = 1037

**QHVVADTEL pc2
P28906;Q5JTA5**



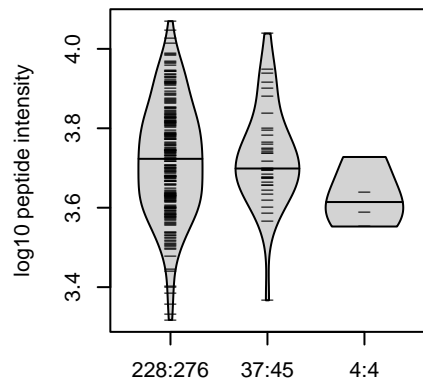
1:208057800:C:T_T
p = 0.41, beta = -0.175, N = 131

**CD34 : NP2
P28906**



1:208057800:C:T_T
p = 0.87, beta = -0.0249, N = 269

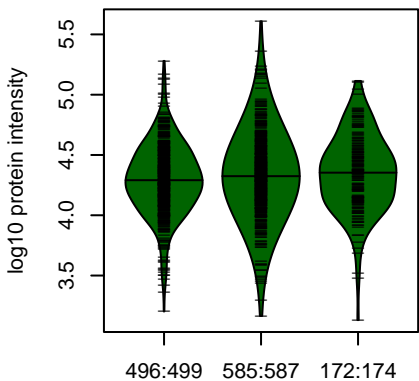
**TSSCAEFK pc2
P28906;P28906-2**



1:208057800:C:T_T
p = 0.77, beta = -0.0428, N = 269

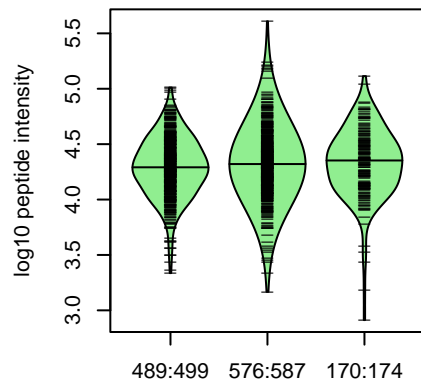
Assay Target: CD34
Olink UniProt: P28906
UKB rsID: rs6671850
Proxy rsID: rs6671850
UKB SNP: 1:208057800:C:T
Proxy SNP: 1:208057800:C:T
UKB log10(p): 30.4
UKB BETA: 0.14
-:-:NA
1037:131:9

**CCDC80 : NP3
Q76M96**



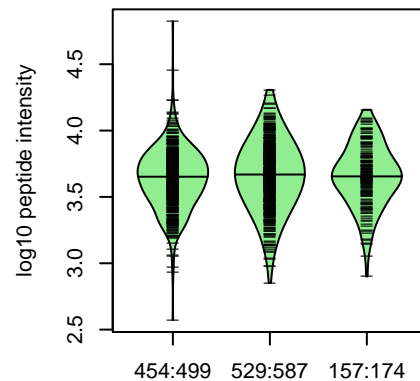
3:112366816:G:A_G
p = 0.1, beta = 0.0671, N = 1253

**STLEPNLQLQR pc2
Q76M96**



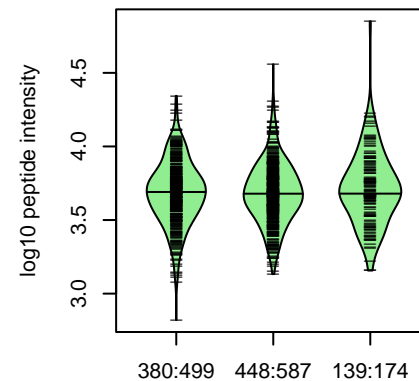
3:112366816:G:A_G
p = 0.15, beta = 0.0596, N = 1235

**FGMVLLK pc2
Q76M96**



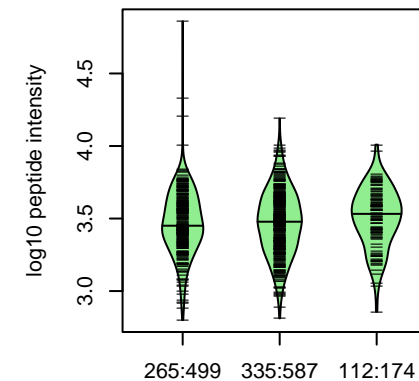
3:112366816:G:A_G
p = 0.23, beta = 0.0518, N = 1140

**SDINGAAVRPEQR pc3
Q76M96**



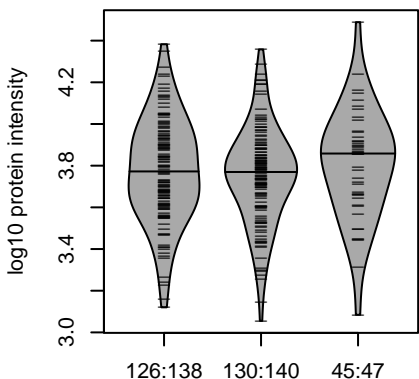
3:112366816:G:A_G
p = 0.75, beta = 0.0147, N = 967

**LMMSLLK pc2
Q76M96**



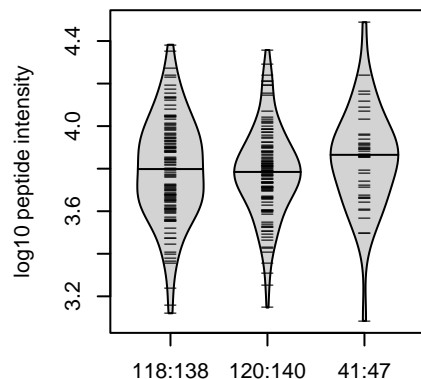
3:112366816:G:A_G
p = 0.5, beta = 0.0362, N = 712

**CCDC80 : NP3
Q76M96**



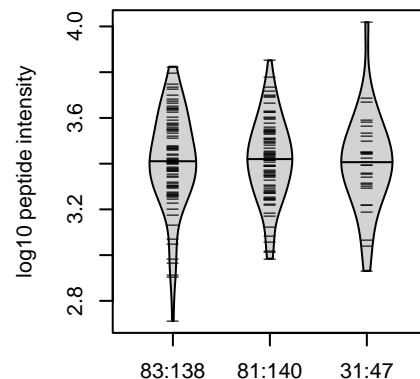
3:112366816:G:A_G
p = 0.77, beta = 0.0232, N = 301

**STLEPNLQLQR pc2
Q76M96**



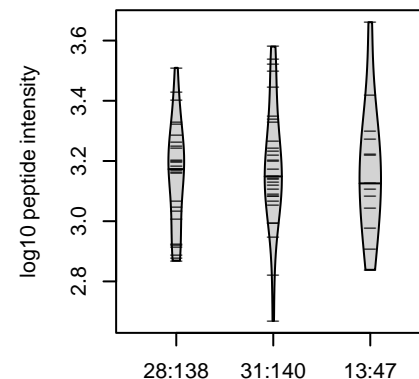
3:112366816:G:A_G
p = 0.81, beta = 0.0197, N = 279

**FGMVLLK pc2
Q76M96**



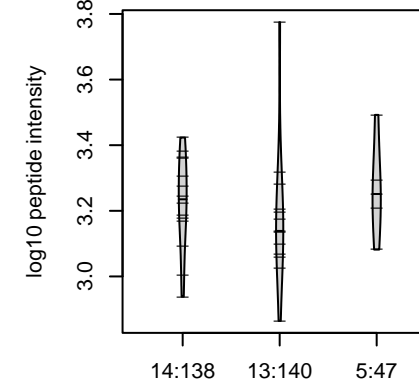
3:112366816:G:A_G
p = 0.23, beta = -0.117, N = 195

**LEAMYEVIDQGPIR pc2
Q76M96**



3:112366816:G:A_G
p = 0.62, beta = -0.0775, N = 72

**SDINGAAVRPEQR pc3
Q76M96**

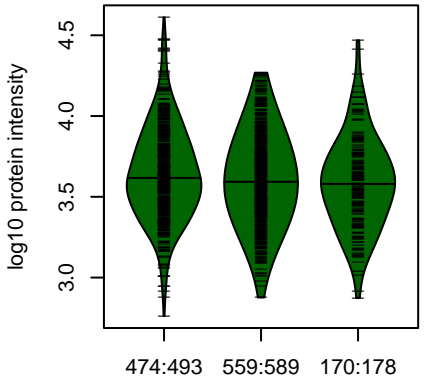


3:112366816:G:A_G
p = 0.88, beta = -0.0351, N = 32

Assay Target: CCDC80
Olink UniProt: Q76M96
UKB rsID: rs6438087
Proxy rsID: rs6438087
UKB SNP: 3:112366816:G:A
Proxy SNP: 3:112366816:G:A
UKB log10(p): 28.2
UKB BETA: -0.064

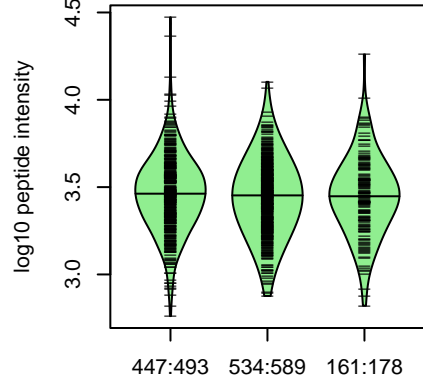
1235:1140:967:712:619:599:577

CXCL14 : NP4
A0A0C4DGC1;O95715



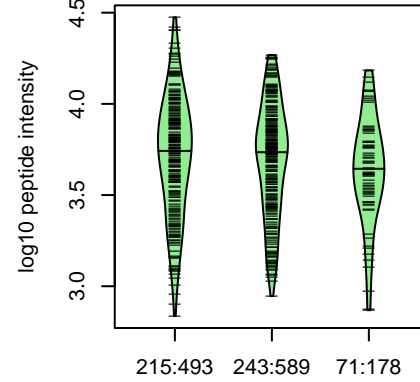
5:134955821:A:G_G
 $p = 0.025$, $\beta = -0.0937$, $N = 1203$

YPHCEEK pc2
A0A0C4DGC1;O95715



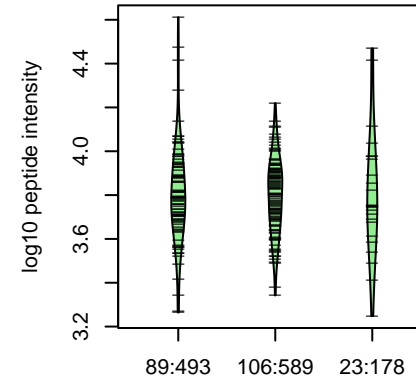
5:134955821:A:G_G
 $p = 0.34$, $\beta = -0.041$, $N = 1142$

MVIITTK pc2
A0A0C4DGC1;O95715



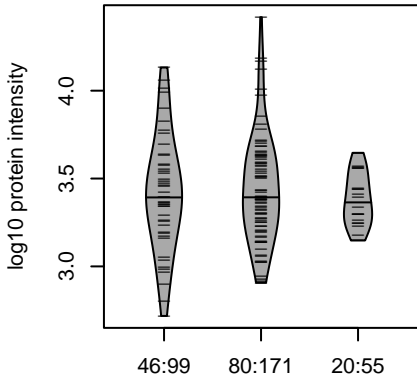
5:134955821:A:G_G
 $p = 0.062$, $\beta = -0.118$, $N = 529$

WYNAWNEK pc2
A0A0C4DGC1;O95715



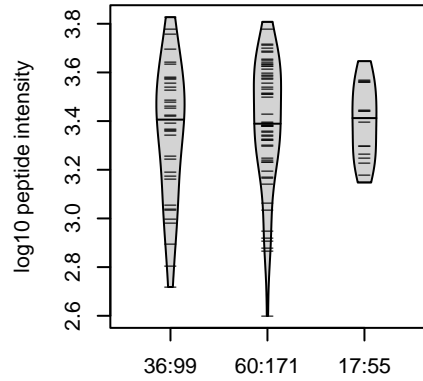
5:134955821:A:G_G
 $p = 0.86$, $\beta = 0.0186$, $N = 218$

CXCL14 : NP4
A0A0C4DGC1;O95715



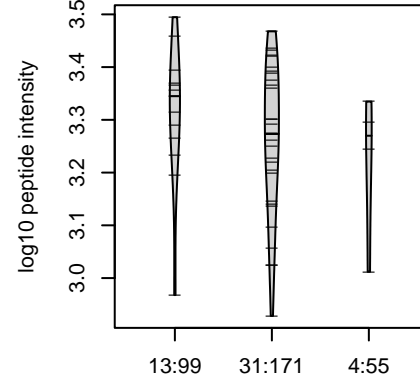
5:134955821:A:G_G
 $p = 0.89$, $\beta = 0.018$, $N = 146$

MVIITTK pc2
A0A0C4DGC1;O95715



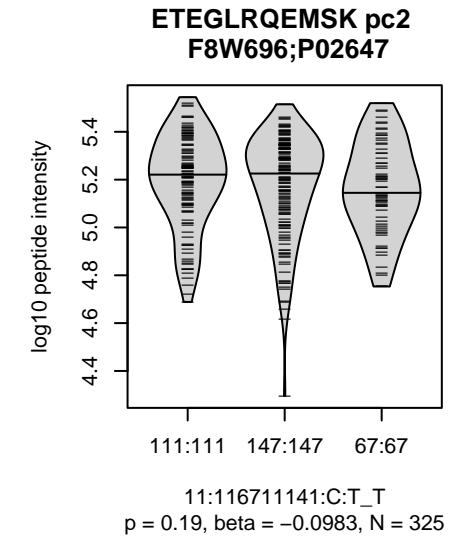
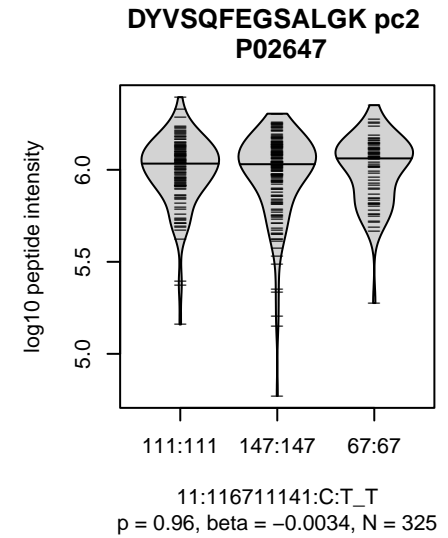
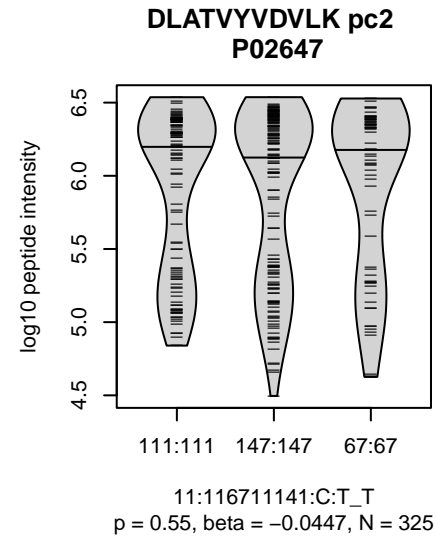
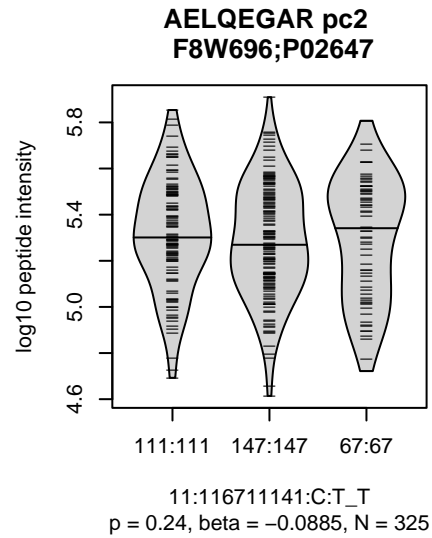
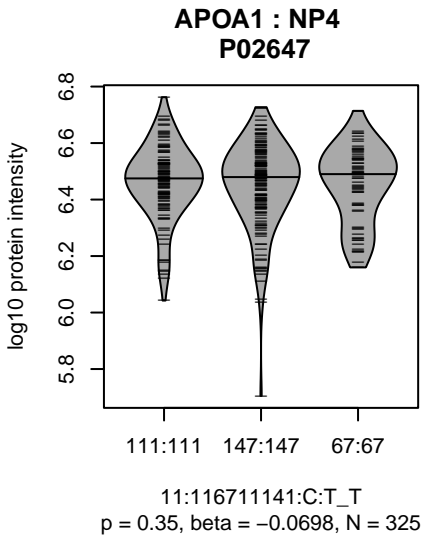
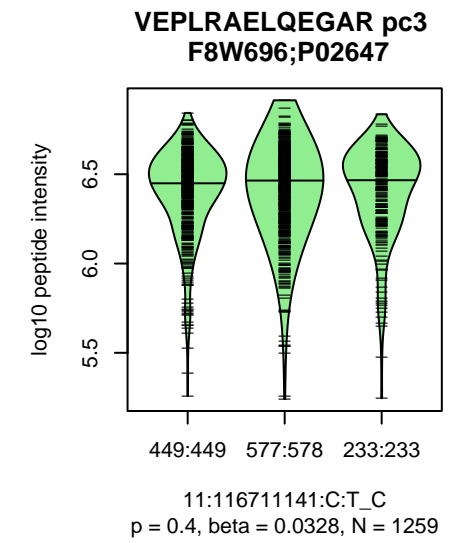
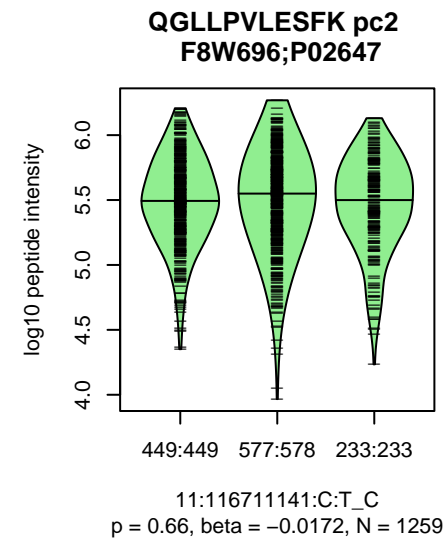
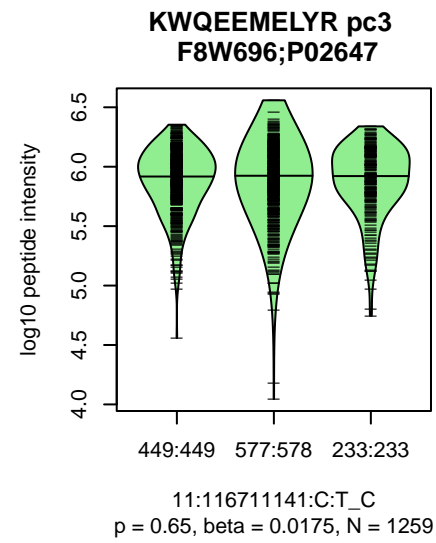
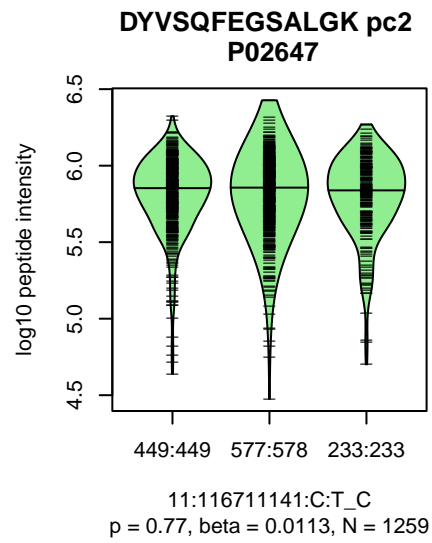
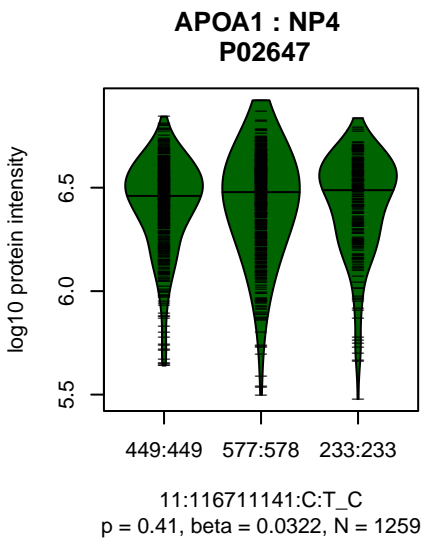
5:134955821:A:G_G
 $p = 0.44$, $\beta = 0.106$, $N = 113$

YPHCEEK pc2
A0A0C4DGC1;O95715



5:134955821:A:G_G
 $p = 0.16$, $\beta = -0.337$, $N = 48$

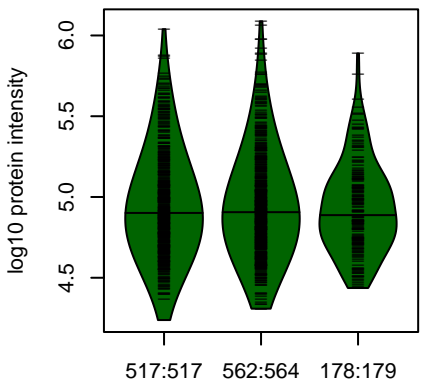
Assay Target: CXCL14
Olink UniProt: O95715
UKB rsID: rs6596251
Proxy rsID: rs6596251
UKB SNP: 5:134955821:A:G
Proxy SNP: 5:134955821:A:G
UKB log10(p): 27.1
UKB BETA: -0.063
-:-:-
1142:529:218



Assay Target: APOA1
 Olink UniProt: P02647
 UKB rsID: rs2727784
 Proxy rsID: rs2727784
 UKB SNP: 11:116711141:C:T
 Proxy SNP: 11:116711141:C:T
 UKB log10(p): 26.5
 UKB BETA: -0.066

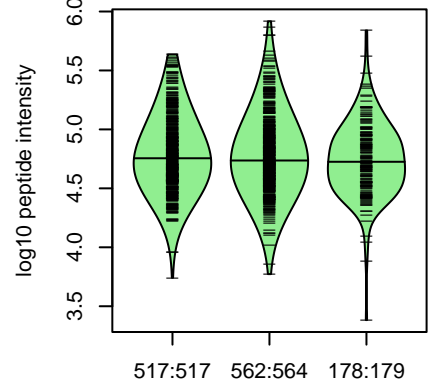
 1259:1259:1259:1259:1259:125

**APP : NP5
P05067**



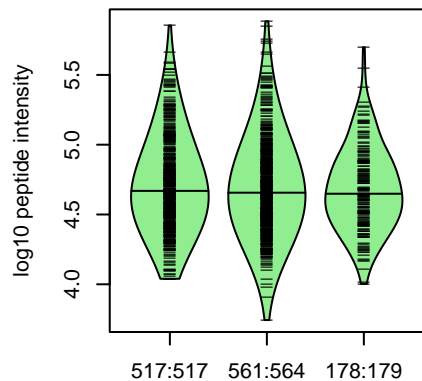
21:27503527:C:A_C
p = 0.41, beta = -0.0335, N = 1257

CLVGEFVSDALLVPDK pc2



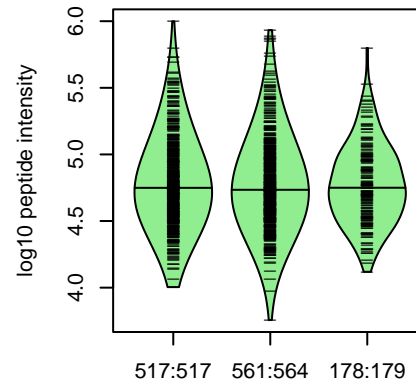
21:27503527:C:A_C
p = 0.12, beta = -0.0626, N = 1257

CAPFFYGGCGGNR pc2



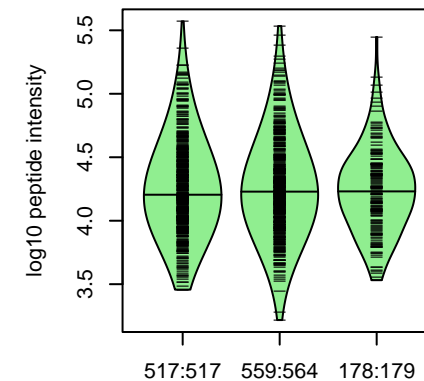
21:27503527:C:A_C
p = 0.36, beta = -0.0373, N = 1256

WYFDVTEGK pc2



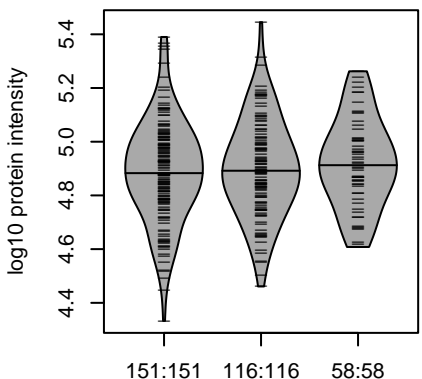
21:27503527:C:A_C
p = 0.54, beta = -0.025, N = 1256

ISYGN DALMPSLTETK pc2



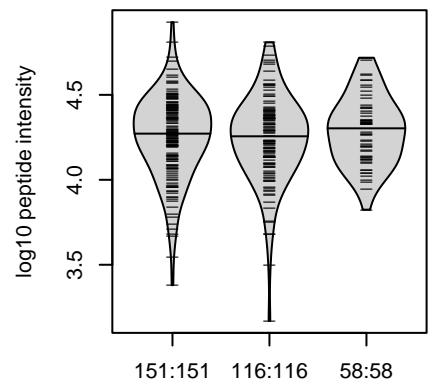
21:27503527:C:A_C
p = 0.79, beta = -0.0108, N = 1254

**APP : NP5
P05067-8**



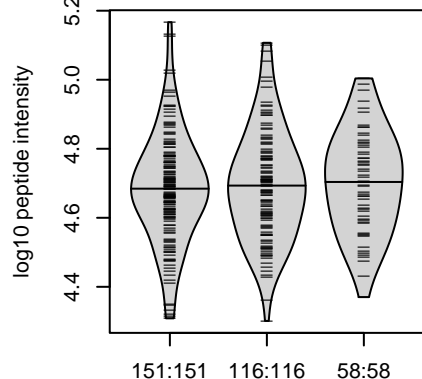
21:27503527:C:A_C
p = 0.37, beta = 0.0658, N = 325

CAPFFYGGCGGNR pc2



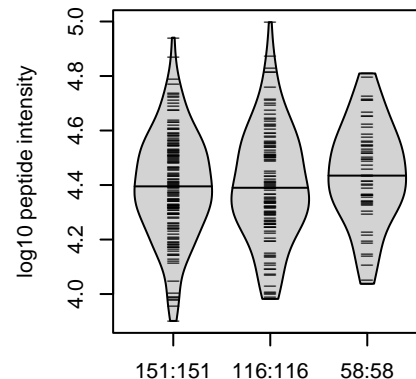
21:27503527:C:A_C
p = 0.56, beta = 0.0428, N = 325

CLVGEFVSDALLVPDK pc2



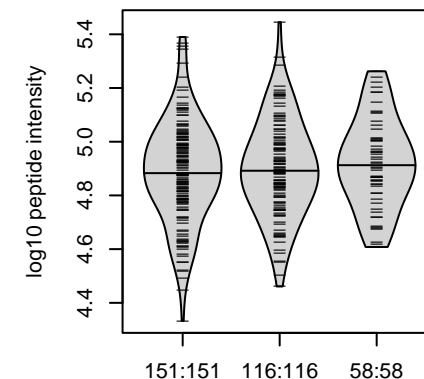
21:27503527:C:A_C
p = 0.4, beta = 0.062, N = 325

ISYGN DALMPSLTETK pc2



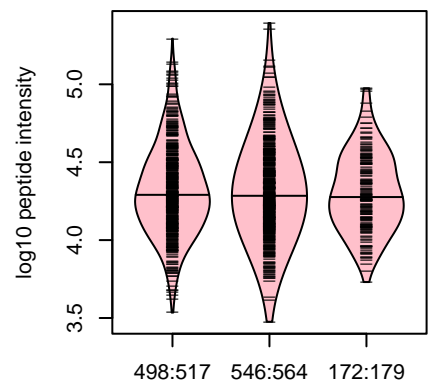
21:27503527:C:A_C
p = 0.26, beta = 0.0829, N = 325

STNLHDYGMLLP CGIDK pc3



21:27503527:C:A_C
p = 0.34, beta = 0.0695, N = 325

**EWEEAER pc2
rs2076190 ALT**

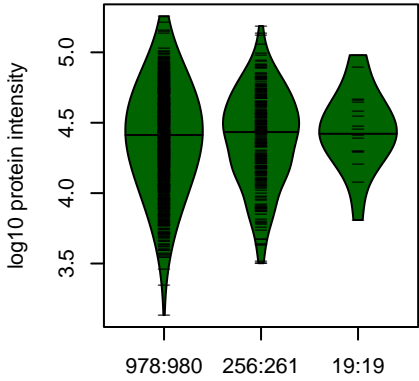


21:27503527:C:A_C
p = 0.66, model = DOM, N = 1216

Assay Target: APP
Olink UniProt: P05067
UKB rsID: rs8131895
Proxy rsID: rs8131895
UKB SNP: 21:27503527:C:A
Proxy SNP: 21:27503527:C:A
UKB log10(p): 26.1
UKB BETA: -0.069

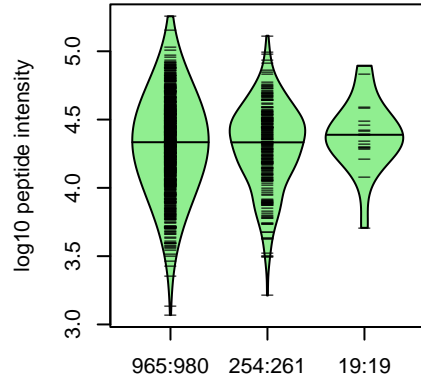
1257:1256:1256:1254:1251:125

MANF : NP3
P55145



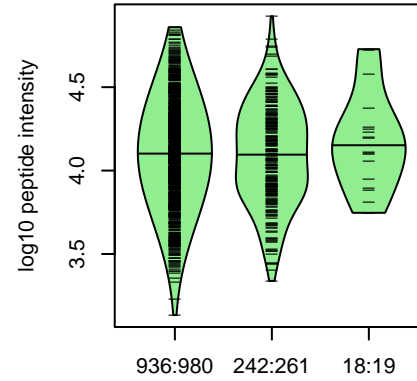
3:51540035:C:A_C
p = 0.77, beta = 0.0179, N = 1253

QIDLSTVDLK pc2
P55145



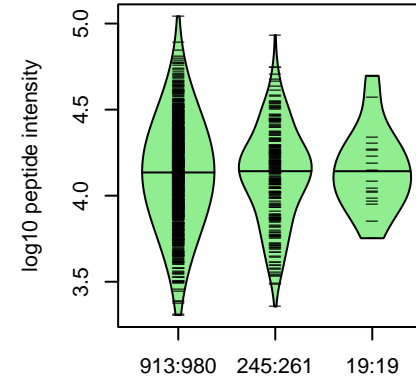
3:51540035:C:A_C
p = 0.83, beta = -0.0133, N = 1238

LCYYIGATDDAATK pc2
P55145



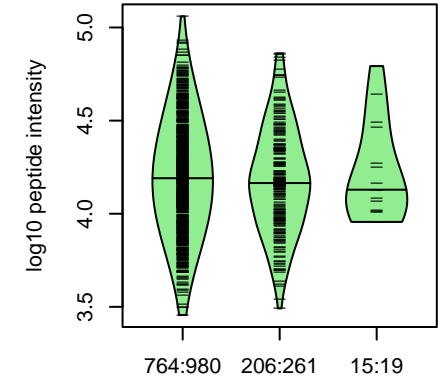
3:51540035:C:A_C
p = 0.98, beta = -0.00176, N = 1196

ILDDWGETCK pc2
P55145



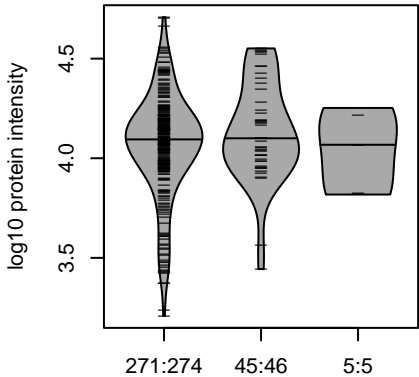
3:51540035:C:A_C
p = 0.76, beta = -0.0187, N = 1177

INELMPK pc2
P55145



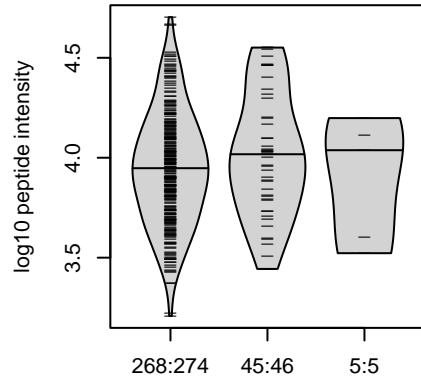
3:51540035:C:A_C
p = 0.46, beta = -0.0512, N = 985

MANF : NP3
P55145



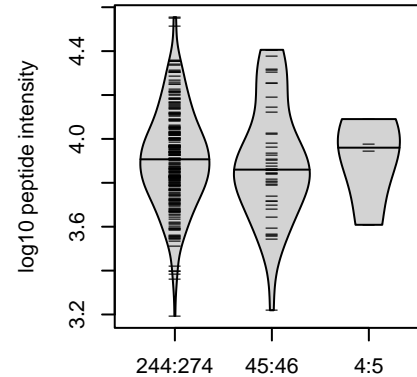
3:51540035:C:A_C
p = 0.56, beta = 0.0776, N = 321

QIDLSTVDLK pc2
P55145



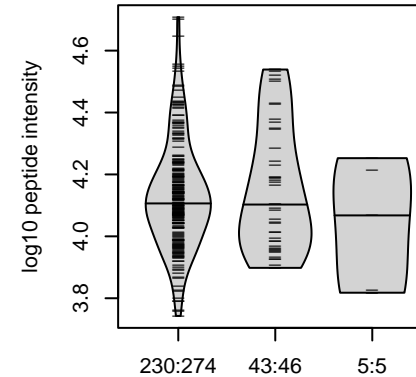
3:51540035:C:A_C
p = 0.63, beta = 0.0635, N = 318

ILDDWGETCK pc2
P55145



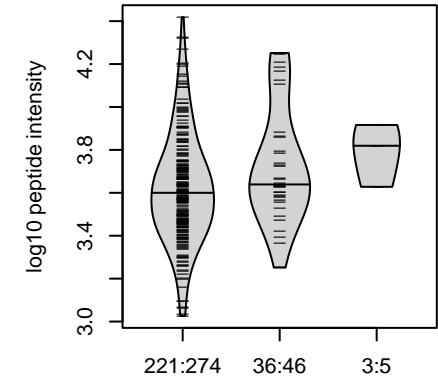
3:51540035:C:A_C
p = 0.64, beta = -0.064, N = 293

INELMPK pc2
P55145



3:51540035:C:A_C
p = 0.47, beta = -0.0972, N = 278

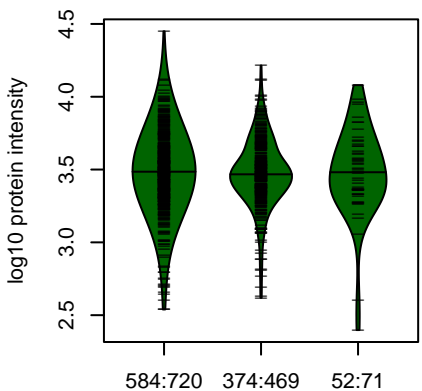
LCYYIGATDDAATK pc2
P55145



3:51540035:C:A_C
p = 0.032, beta = 0.329, N = 260

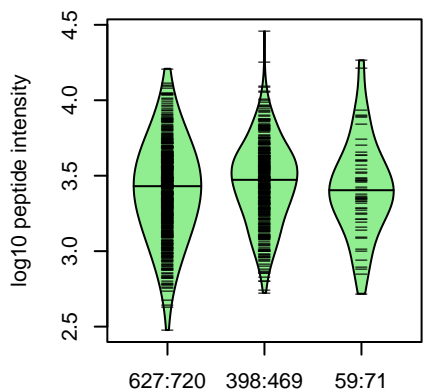
Assay Target: MANF
Olink UniProt: P55145
UKB rsID: rs9311469
Proxy rsID: rs9311469
UKB SNP: 3:51540035:C:A
Proxy SNP: 3:51540035:C:A
UKB log10(p): 26.1
UKB BETA: 0.097
-----NA
1238:1196:1177:985:764:558:54

LRRFIP1 : NP4
Q32MZ4-3



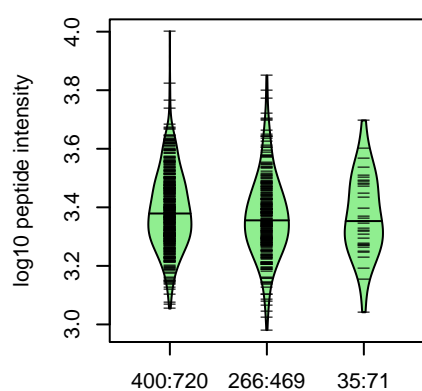
2:238672703:C:G_G
p = 0.9, beta = -0.00672, N = 1010

AMVSNAQLDNEK pc2
Q32MZ4-4;Q9Y608;Q9Y608-2;Q9Y608-3;Q32MZ4;Q32MZ4-2;Q32MZ4-4;Q32MZ4-5



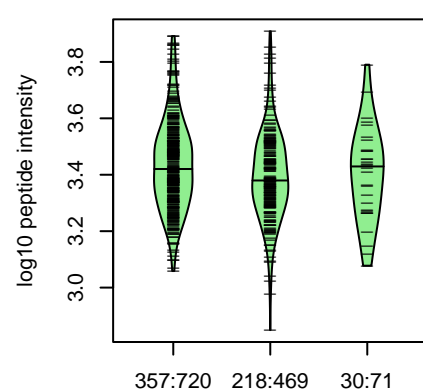
2:238672703:C:G_G
p = 0.061, beta = 0.0944, N = 1084

DMLLEEEQLAESR pc2



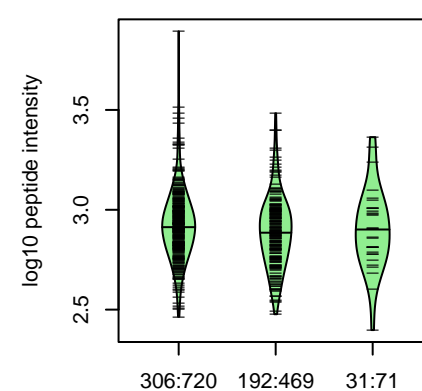
2:238672703:C:G_G
p = 0.093, beta = -0.106, N = 701

AGGEELDEGVAK pc2
Q32MZ4;Q32MZ4-2;Q32MZ4-3



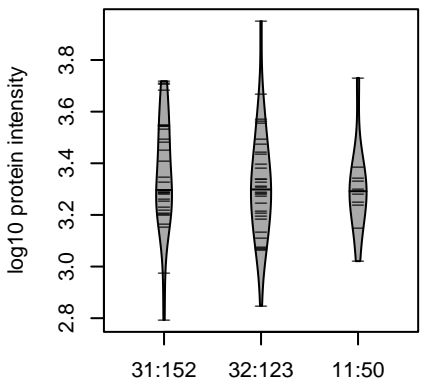
2:238672703:C:G_G
p = 0.018, beta = -0.162, N = 605

SAVEAQNEVTENPK pc2
Q32MZ4;Q32MZ4-2;Q32MZ4-3



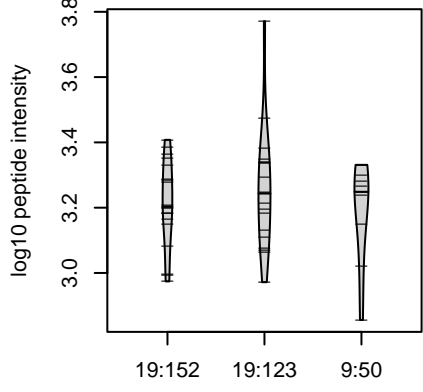
2:238672703:C:G_G
p = 0.084, beta = -0.123, N = 529

LRRFIP1 : NP4
Q32MZ4;Q32MZ4-2;Q32MZ4-3



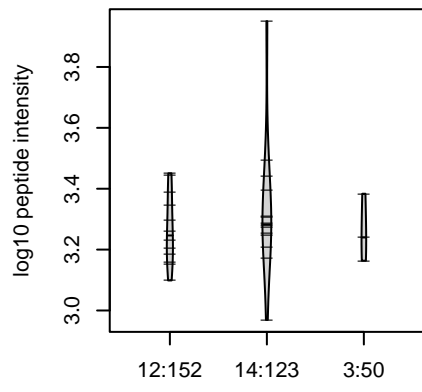
2:238672703:C:G_G
p = 0.42, beta = -0.129, N = 74

SDQQGEALDSSQK pc2
Q32MZ4;Q32MZ4-2;Q32MZ4-3

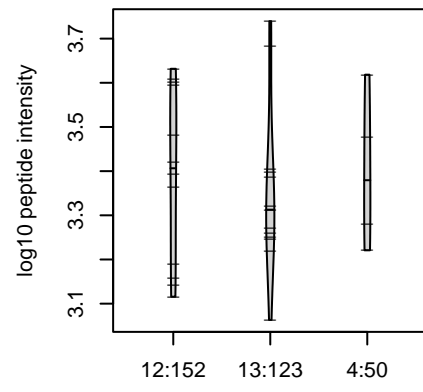


2:238672703:C:G_G
p = 0.94, beta = 0.0144, N = 47

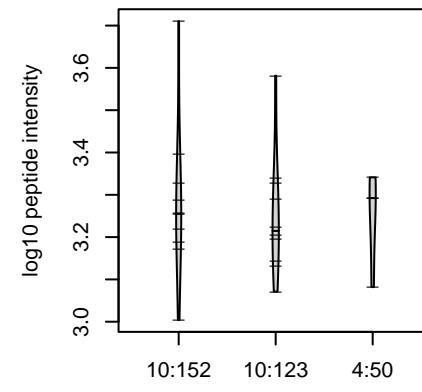
AGGEELDEGVAK pc2
Q32MZ4;Q32MZ4-2;Q32MZ4-3 **AMVSNAQLDNEK pc2**
Q32MZ4-4;Q9Y608;Q9Y608-2;Q9Y608-3;Q32MZ4;Q32MZ4-2;Q32MZ4-4;Q32MZ4-5 **TNFMVQVDTLK pc2**



2:238672703:C:G_G
p = 0.17, beta = 0.366, N = 29



2:238672703:C:G_G
p = 0.93, beta = -0.0217, N = 29

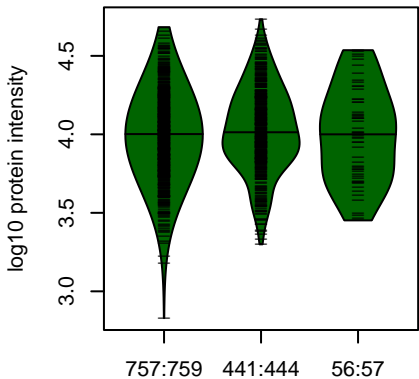


2:238672703:C:G_G
p = 0.73, beta = -0.092, N = 24

Assay Target: LRRFIP1
Olink UniProt: Q32MZ4
UKB rsID: rs3739038
Proxy rsID: rs3739038
UKB SNP: 2:238672703:C:G
Proxy SNP: 2:238672703:C:G
UKB log10(p): 25.2
UKB BETA: -0.074

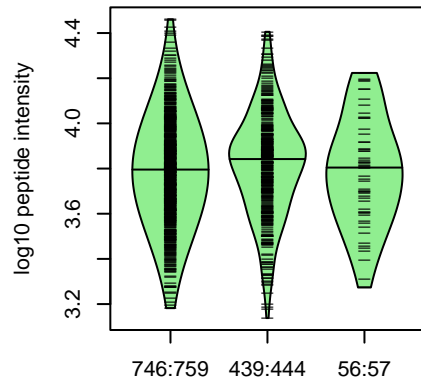
1084:701:605:529:452:418:387:

**PLXDC2 : NP4
Q6UX71**



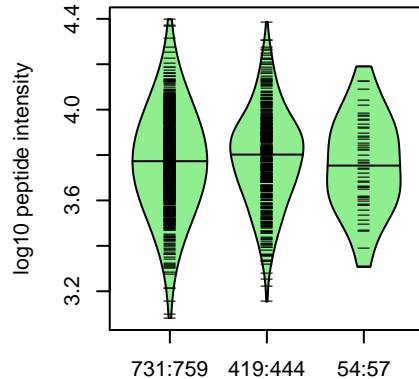
10:20583239:A:C_C
p = 0.058, beta = 0.092, N = 1254

**VGLSDAFVVVHR pc3
Q6UX71;Q6UX71-2**



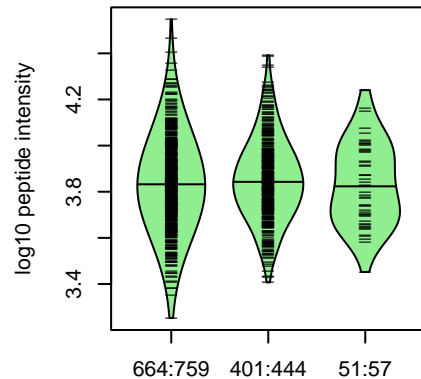
10:20583239:A:C_C
p = 0.11, beta = 0.0775, N = 1241

**DLWVNIDQMEK pc2
Q6UX71**



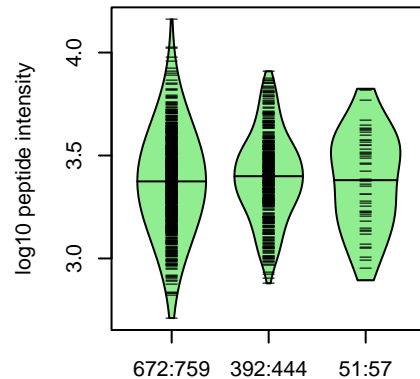
10:20583239:A:C_C
p = 0.42, beta = 0.0401, N = 1204

**IYGPSDSASR pc2
Q6UX71**



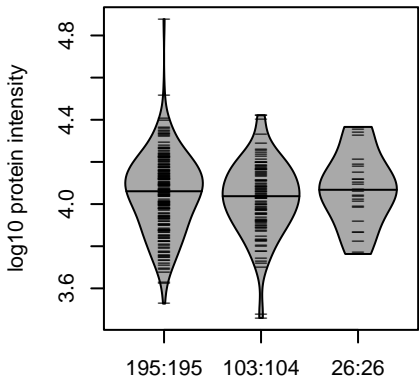
10:20583239:A:C_C
p = 0.21, beta = 0.0642, N = 1116

**ASVGQDSPEPR pc2
Q6UX71;Q6UX71-2**



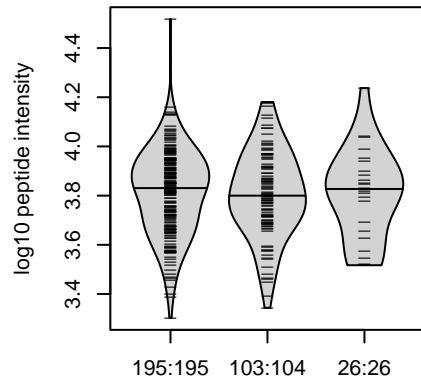
10:20583239:A:C_C
p = 0.15, beta = 0.0733, N = 1115

**PLXDC2 : NP4
Q6UX71**



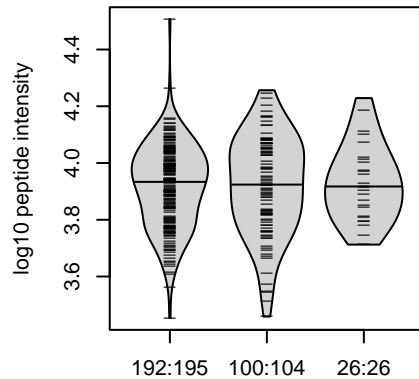
10:20583239:A:C_C
p = 0.79, beta = 0.023, N = 324

**VGLSDAFVVVHR pc3
Q6UX71;Q6UX71-2**



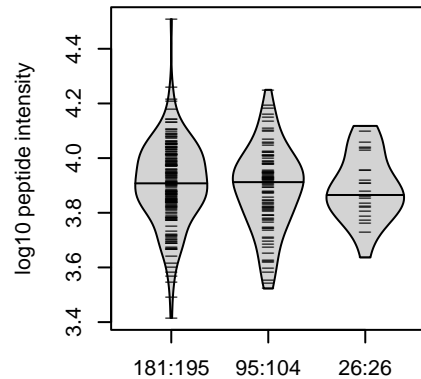
10:20583239:A:C_C
p = 0.96, beta = -0.00423, N = 324

**DLWVNIDQMEK pc2
Q6UX71**



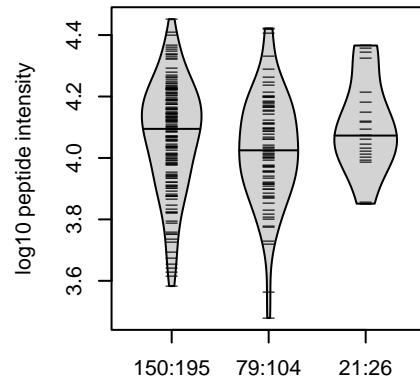
10:20583239:A:C_C
p = 0.44, beta = 0.0663, N = 318

**EIPVLVTQISSTNHPVK pc3
Q6UX71;Q6UX71-2**



10:20583239:A:C_C
p = 0.62, beta = -0.043, N = 302

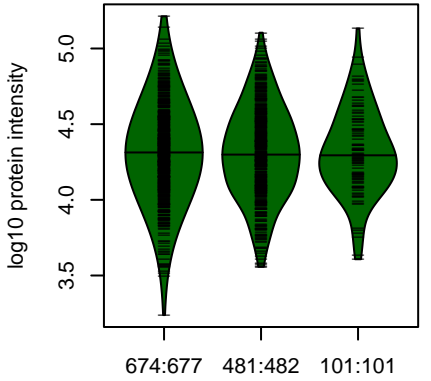
**IQQIPNVR pc2
Q6UX71;Q6UX71-2**



10:20583239:A:C_C
p = 0.88, beta = 0.014, N = 250

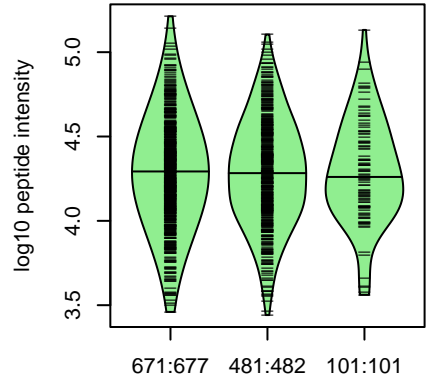
Assay Target: PLXDC2
Olink UniProt: Q6UX71
UKB rsID: rs4748650
Proxy rsID: rs4748650
UKB SNP: 10:20583239:A:C
Proxy SNP: 10:20583239:A:C
UKB log10(p): 25
UKB BETA: 0.078
-----*-----
1241:1204:1116:1115:793:720:3

**DBNL : NP2
Q9UJU6**



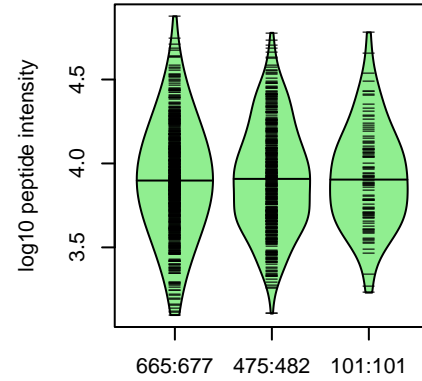
7:44109802:A:G_G
p = 0.81, beta = -0.0108, N = 1256

**NGPALQEAYVR pc2
B2;F8WBG8;F8WC20;F8WCK3;F8WF6;Q9UJU6-2;Q9UJU6-3;Q9UJU6-4;Q6;Q9UJU6-2;Q9UJU6-3;Q9UJU6-4;Q9UJU6;Q9UJU6-2;Q9UJU6-3;Q9UJU6-4**



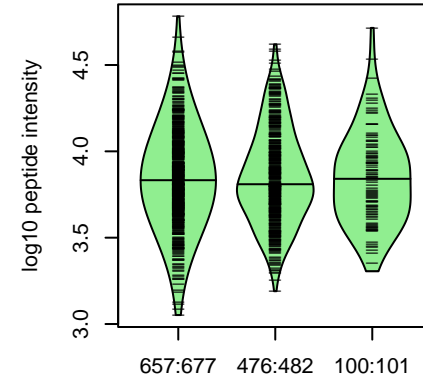
7:44109802:A:G_G
p = 0.89, beta = -0.00607, N = 1253

TWEQQQEVVSR pc2



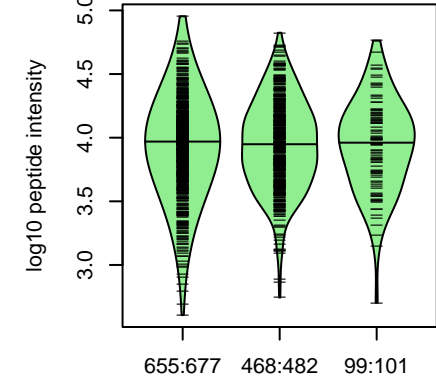
7:44109802:A:G_G
p = 0.67, beta = 0.0186, N = 1241

AMSTTSSSPQPGK pc2



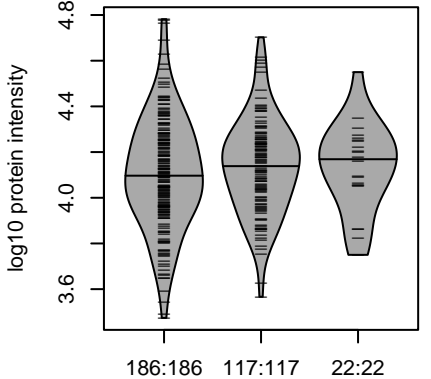
7:44109802:A:G_G
p = 0.98, beta = -0.00123, N = 1233

FQDVGPQAPVGSVYQK pc2



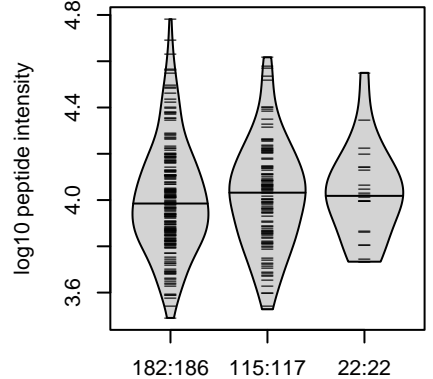
7:44109802:A:G_G
p = 0.66, beta = 0.0196, N = 1222

**DBNL : NP2
Q9UJU6**



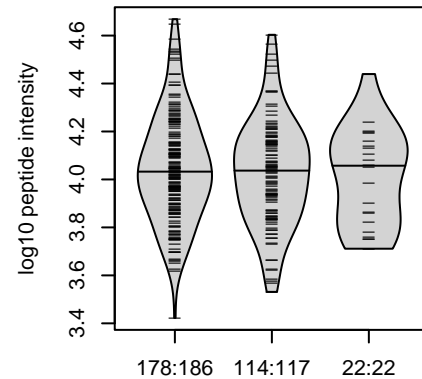
7:44109802:A:G_G
p = 0.26, beta = 0.0987, N = 325

**NGPALQEAYVR pc2
B2;F8WBG8;F8WC20;F8WCK3;F8WFF8WBG8;Q9UJU6;Q9UJU6-2;Q9UJU66;Q9UJU6-2;Q9UJU6-3;Q9UJU6-4;Q9UJU6;Q9UJU6-2;Q9UJU6-3;Q9UJU6-4**



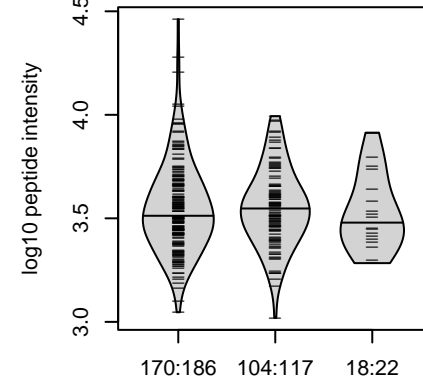
7:44109802:A:G_G
p = 0.35, beta = 0.0824, N = 319

VMYAFCR pc2



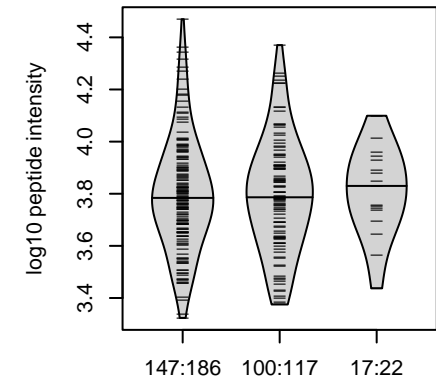
7:44109802:A:G_G
p = 0.42, beta = -0.0713, N = 314

TWEQQQEVVSR pc2



7:44109802:A:G_G
p = 0.93, beta = 0.00865, N = 292

AEEDVEPECIMEK pc2

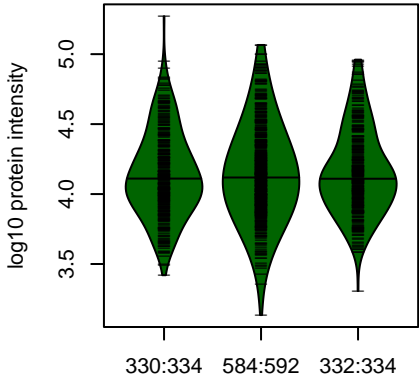


7:44109802:A:G_G
p = 0.92, beta = 0.0101, N = 264

Assay Target: DBNL
Olink UniProt: Q9UJU6
UKB rsID: rs7799945
Proxy rsID: rs7799945
UKB SNP: 7:44109802:A:G
Proxy SNP: 7:44109802:A:G
UKB log10(p): 24.9
UKB BETA: 0.068

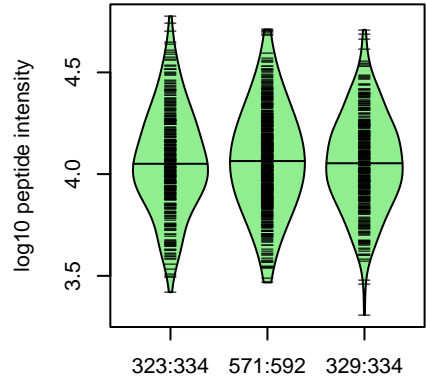
1253:1241:1233:1222:1182:112

**TWF2 : NP1
Q6IBS0**



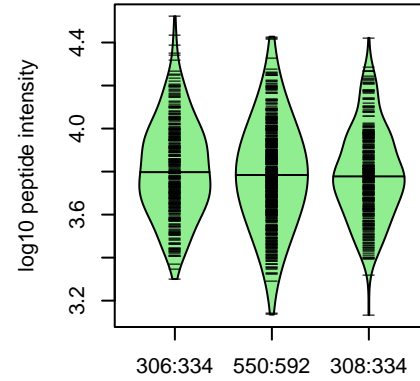
3:52273421:G:A_A
p = 0.25, beta = 0.0443, N = 1246

**LLDSVEQDFHLEIAK pc3
A7I2V2U8;A0A7I2V5B1;A0A7I2V5D3;V2U8;A0A7I2V5B1;A0A7I2V5D3;D6R(V2U8;A0A7I2V5B1;A0A7I2V5D3;D6R(7I2V5B1;A0A7I2V5D3;Q12792;Q12792**



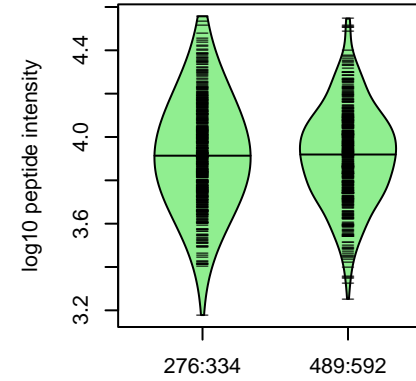
3:52273421:G:A_A
p = 0.96, beta = -0.00209, N = 1223

HLSSCAAPAL TSAER pc3



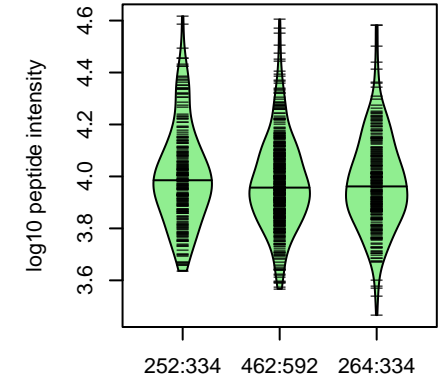
3:52273421:G:A_A
p = 0.26, beta = -0.0453, N = 1164

DELFGTVK pc2



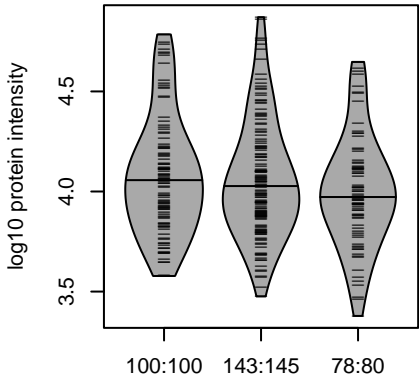
3:52273421:G:A_A
p = 0.84, beta = -0.00865, N = 1041

MLYSSCK pc2



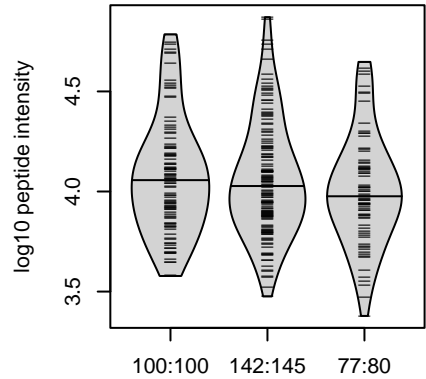
3:52273421:G:A_A
p = 0.12, beta = -0.069, N = 978

**TWF2 : NP1
Q6IBS0**



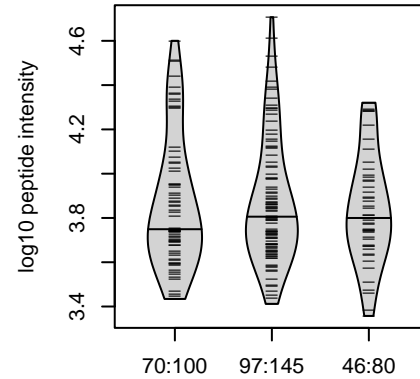
3:52273421:G:A_G
p = 0.46, beta = -0.0555, N = 321

**LLDSVEQDFHLEIAK pc3
A7I2V2U8;A0A7I2V5B1;A0A7I2V5D3;5B1;A0A7I2V5D3;D6RG15;Q12792;Q1V2U8;A0A7I2V5B1;A0A7I2V5D3;D6R(V2U8;A0A7I2V5B1;A0A7I2V5D3;D6R**



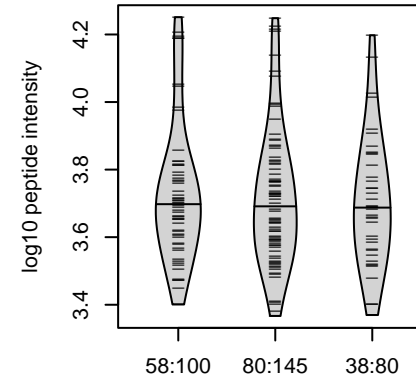
3:52273421:G:A_G
p = 0.52, beta = -0.0477, N = 319

YHFFLYK pc2



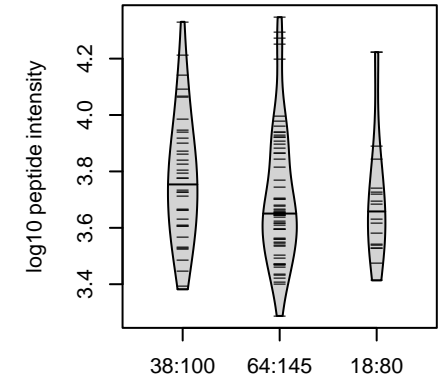
3:52273421:G:A_G
p = 0.82, beta = 0.0208, N = 213

LDLERETIELVHTEPTDVAQLPSR pc



3:52273421:G:A_G
p = 0.69, beta = -0.0409, N = 176

DELFGTVK pc2

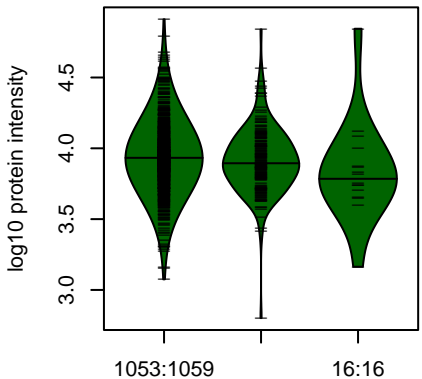


3:52273421:G:A_G
p = 0.51, beta = -0.0892, N = 120

Assay Target: TWF2
Olink UniProt: Q6IBS0
UKB rsID: rs610060
Proxy rsID: rs610060
UKB SNP: 3:52273421:G:A
Proxy SNP: 3:52273421:G:A
UKB log10(p): 24.8
UKB BETA: -0.064

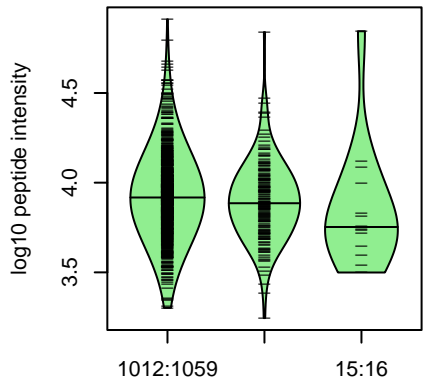
1223:1164:1041:978:927:915:80

VGF : NP2
O15240



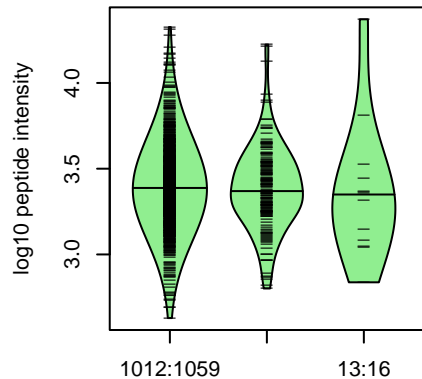
7:100817901:A:G_G
p = 0.021, beta = -0.159, N = 1251

GLQEAEEER pc2
O15240



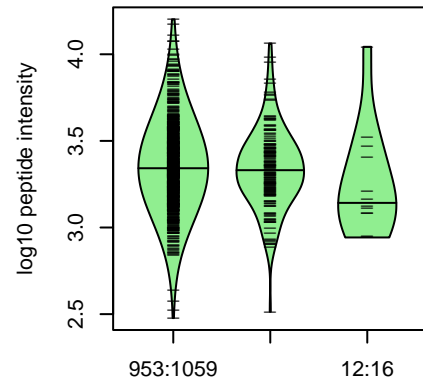
7:100817901:A:G_G
p = 0.022, beta = -0.163, N = 1197

LADLASDLLLQYLLQGGR pc3
O15240



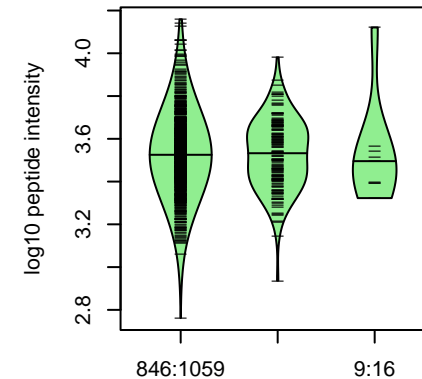
7:100817901:A:G_G
p = 0.21, beta = -0.0904, N = 1197

THLGEALAPLSK pc2
O15240



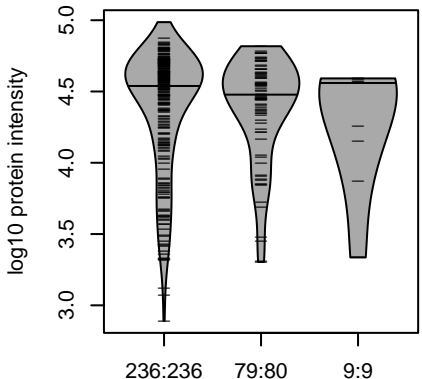
7:100817901:A:G_G
p = 0.057, beta = -0.142, N = 1126

VNLESPGPER pc2
O15240



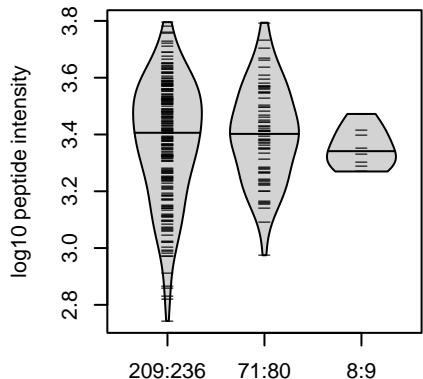
7:100817901:A:G_G
p = 0.6, beta = -0.0423, N = 1001

VGF : NP2
O15240



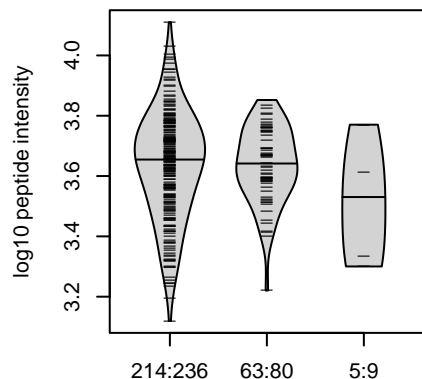
7:100817901:A:G_G
p = 0.23, beta = -0.129, N = 324

LADLASDLLLQYLLQGGR pc3
O15240



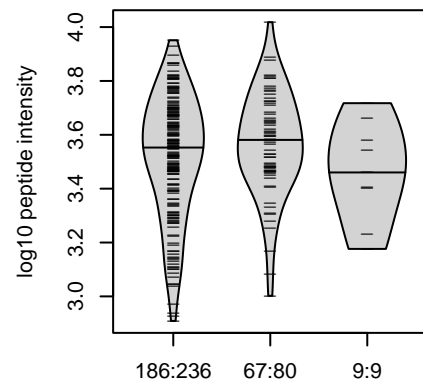
7:100817901:A:G_G
p = 0.78, beta = 0.0318, N = 288

VNLESPGPER pc2
O15240



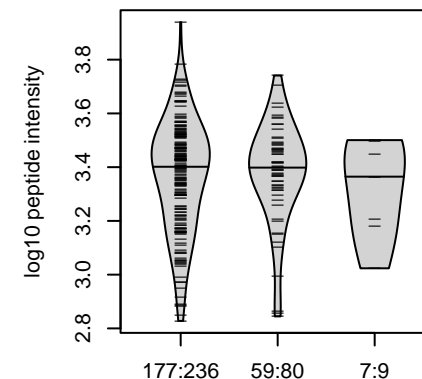
7:100817901:A:G_G
p = 0.24, beta = -0.145, N = 282

LLQGLAQVEAGR pc2
O15240



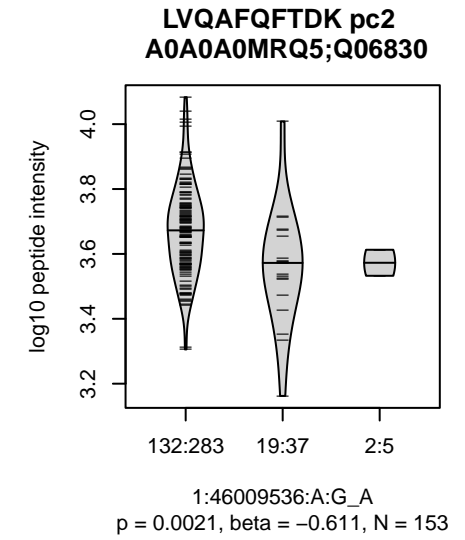
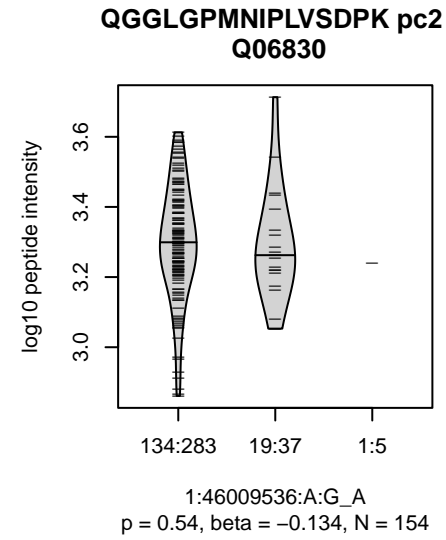
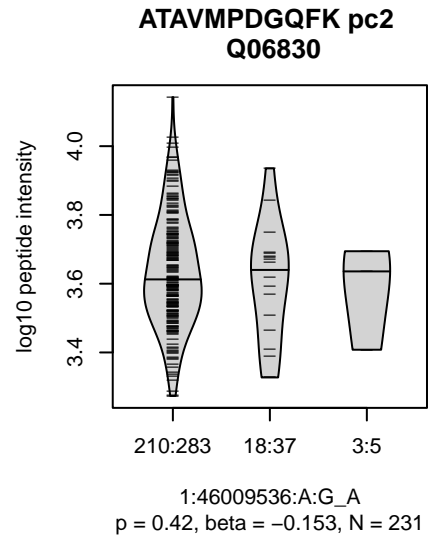
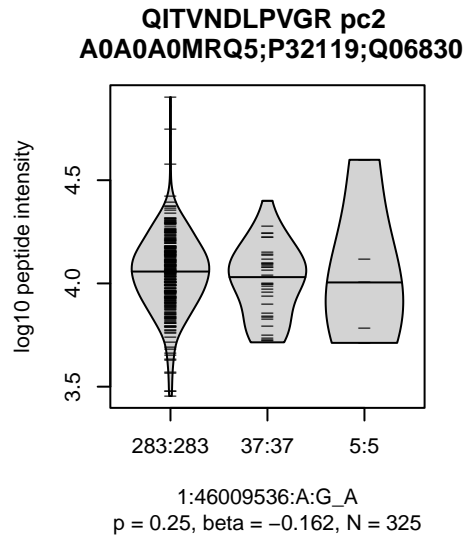
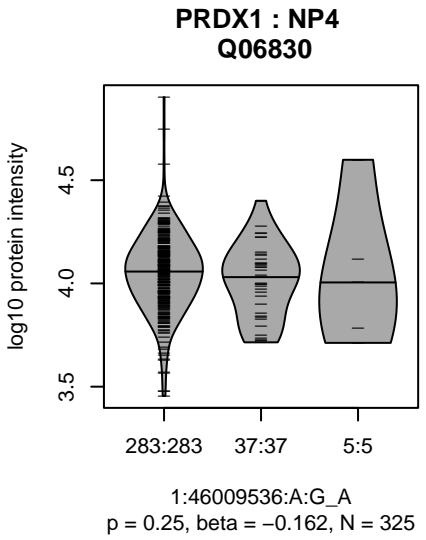
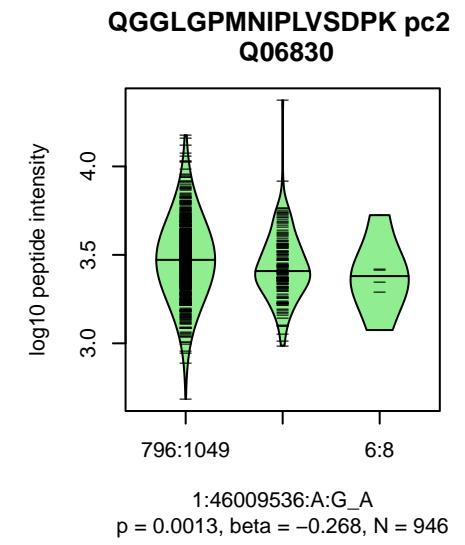
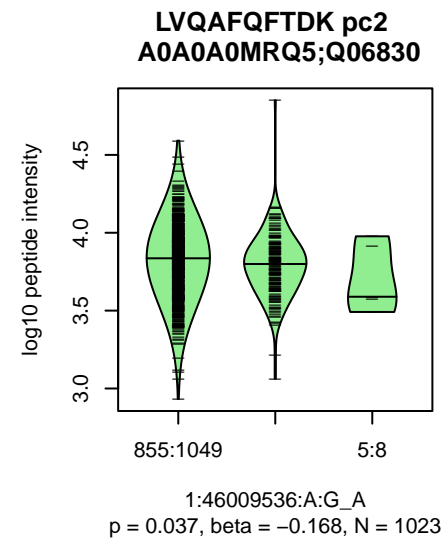
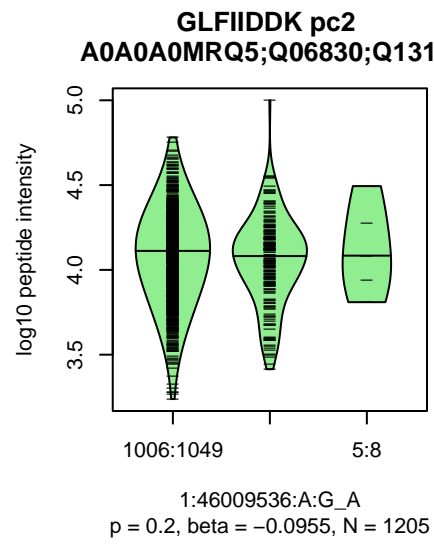
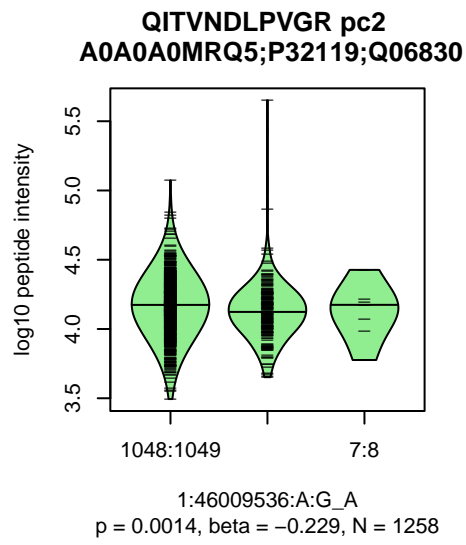
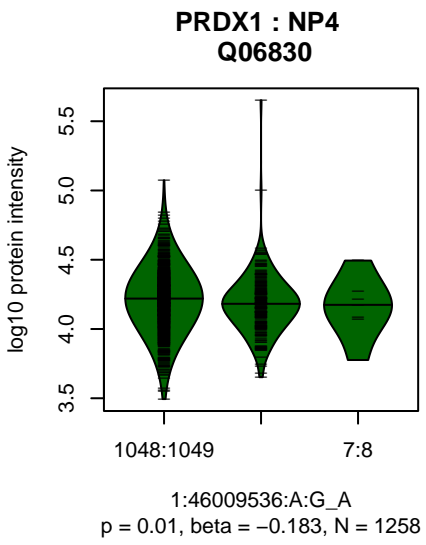
7:100817901:A:G_G
p = 0.76, beta = 0.0354, N = 262

THLGEALAPLSK pc2
O15240



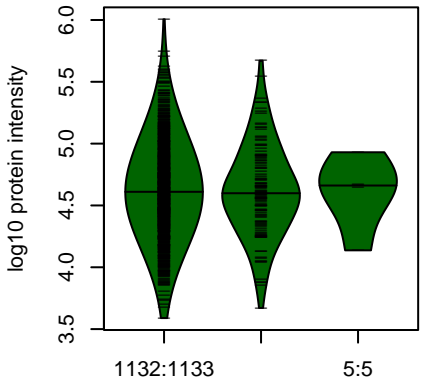
7:100817901:A:G_G
p = 0.61, beta = -0.0618, N = 243

Assay Target: VGF
Olink UniProt: O15240
UKB rsID: rs34985488
Proxy rsID: rs34985488
UKB SNP: 7:100817901:A:G
Proxy SNP: 7:100817901:A:G
UKB log10(p): 24.5
UKB BETA: -0.115
-----*-----
1197:1197:1126:1001:988:955:8



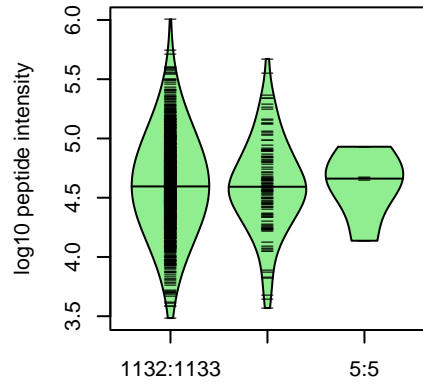
Assay Target: PRDX1
 Olink UniProt: Q06830
 UKB rsID: rs487174
 Proxy rsID: rs487174
 UKB SNP: 1:46009536:A:G
 Proxy SNP: 1:46009536:A:G
 UKB log10(p): 22.1
 UKB BETA: 0.102
 .-.-..*.*.*.-.-.-.-
 1258:1205:1023:946:934:733:7

**SLC4A1 : NP4
P02730**



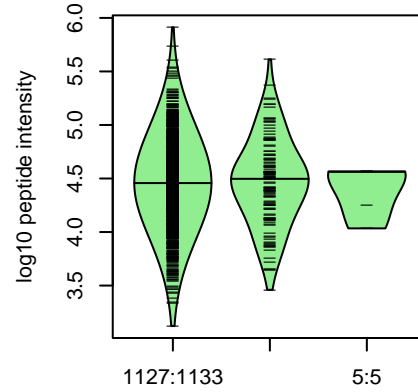
17:42338453:G:A_A
p = 0.74, beta = -0.0289, N = 1259

**ADFLEQPVLGFVR pc2
A0A0A0MS98;P02730**



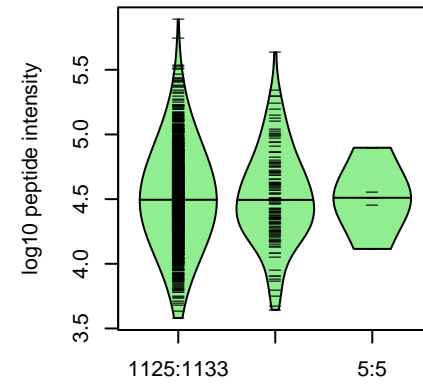
17:42338453:G:A_A
p = 0.81, beta = -0.0207, N = 1259

**VLLPLIFR pc2
A0A0A0MS98;P02730**



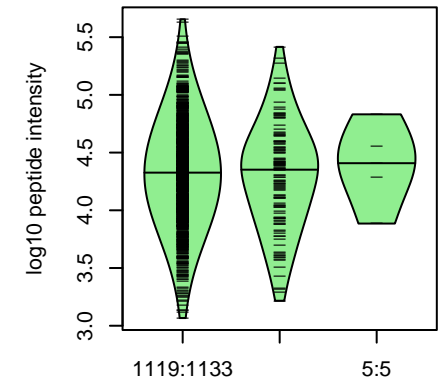
17:42338453:G:A_A
p = 0.91, beta = 0.00989, N = 1254

**LSVPDGFK pc2
A0A0A0MS98;P02730**



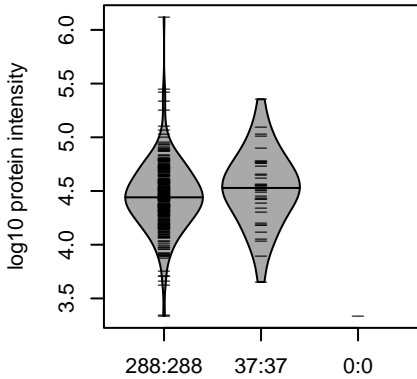
17:42338453:G:A_A
p = 0.98, beta = 0.00204, N = 1252

**ASTPGAAAQIQEVK pc2
A0A0A0MS98;P02730**



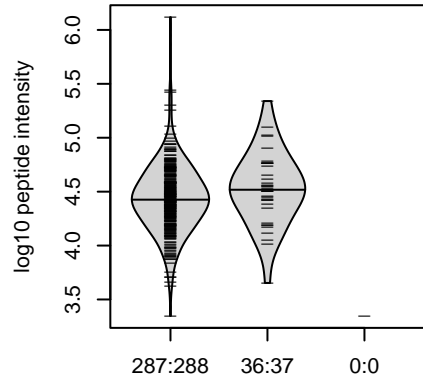
17:42338453:G:A_A
p = 0.56, beta = -0.0521, N = 1245

**SLC4A1 : NP4
P02730**



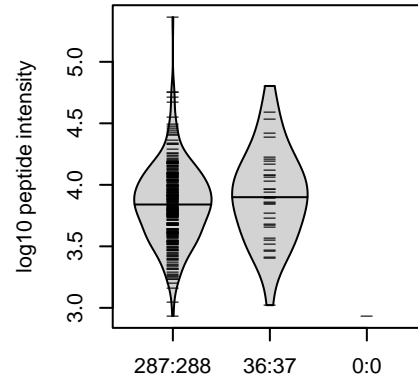
17:42338453:G:A_A
p = 0.29, beta = 0.182, N = 325

**ADFLEQPVLGFVR pc2
A0A0A0MS98;P02730**



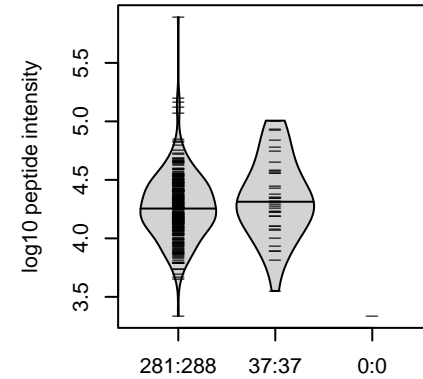
17:42338453:G:A_A
p = 0.17, beta = 0.241, N = 323

**ASTPGAAAQIQEVK pc2
A0A0A0MS98;P02730**



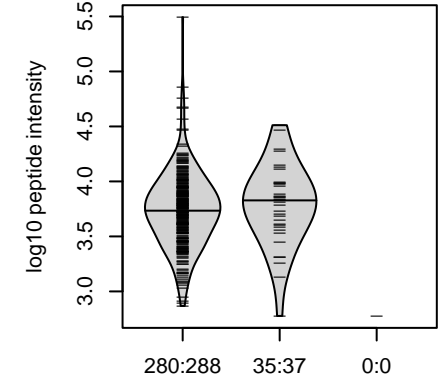
17:42338453:G:A_A
p = 0.5, beta = 0.117, N = 323

**LSVPDGFK pc2
A0A0A0MS98;P02730**



17:42338453:G:A_A
p = 0.39, beta = 0.149, N = 318

**LQEAEELEAVLPVPIR pc2
P02730**

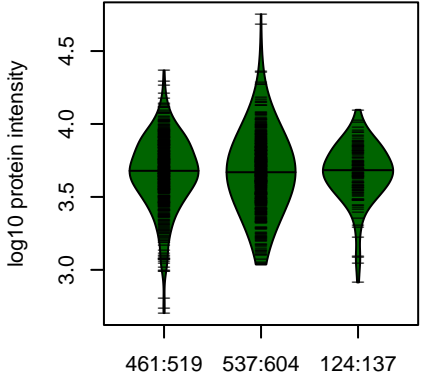


17:42338453:G:A_A
p = 0.52, beta = 0.114, N = 315

Assay Target: SLC4A1
Olink UniProt: P02730
UKB rsID: rs5035
Proxy rsID: rs45574837
UKB SNP: 17:42338998:T:G
Proxy SNP: 17:42338453:G:A
UKB log10(p): 21.9
UKB BETA: -0.146

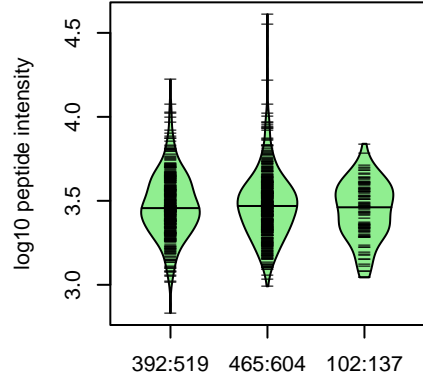
1259:1254:1252:1245:1222:121

ANXA11 : NP1
P50995;P50995-2



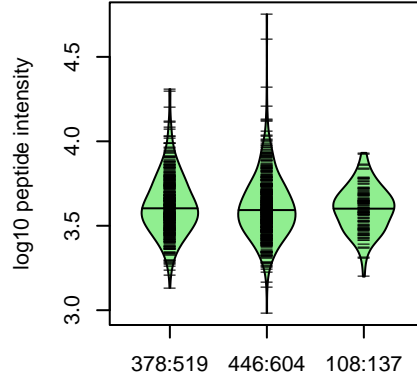
10:81919800:T:C_T
p = 0.57, beta = -0.0257, N = 1122

TPVLFDIYEIK pc2
P50995-2;P50995



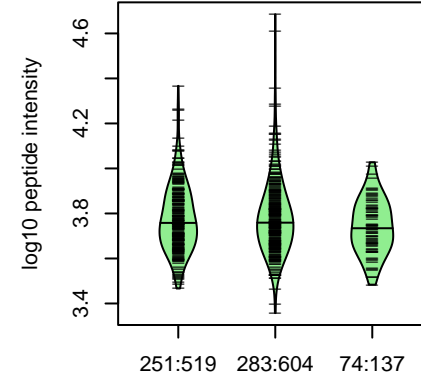
10:81919800:T:C_T
p = 0.22, beta = -0.0599, N = 959

NTPAFFAER pc2
P50995-2;P50995



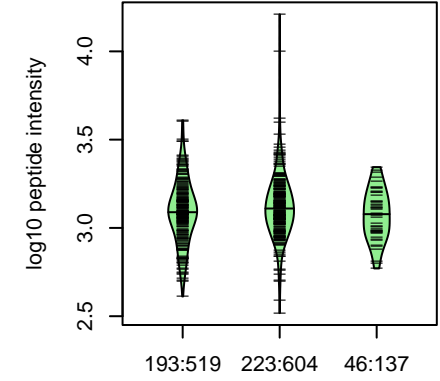
10:81919800:T:C_T
p = 0.16, beta = -0.0698, N = 932

SETDLLDIR pc2
P50995-2;P50995



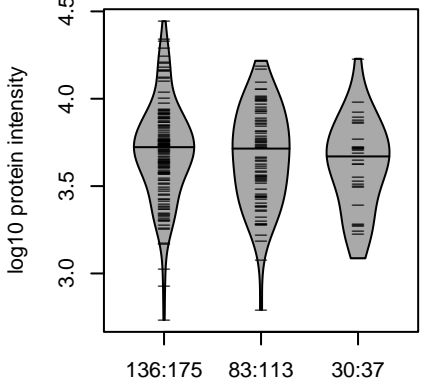
10:81919800:T:C_T
p = 0.076, beta = -0.106, N = 608

GVGTEACLIEILASR pc2
P50995-2;P50995



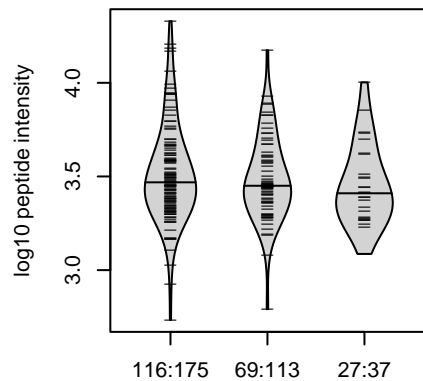
10:81919800:T:C_T
p = 0.79, beta = 0.0188, N = 462

ANXA11 : NP1
P50995;P50995-2



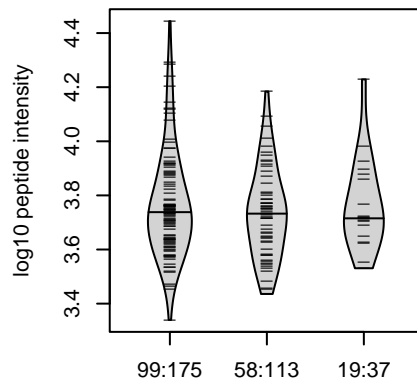
10:81919800:T:C_T
p = 0.34, beta = -0.0853, N = 249

TPVLFDIYEIK pc2
P50995-2;P50995



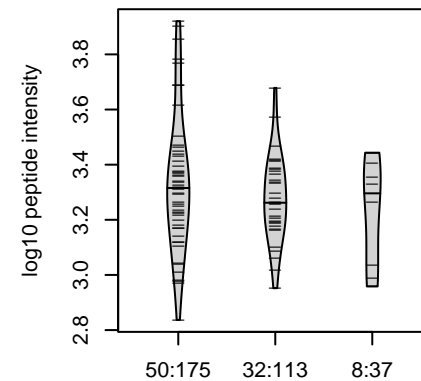
10:81919800:T:C_T
p = 0.36, beta = -0.0876, N = 212

NTPAFFAER pc2
P50995-2;P50995



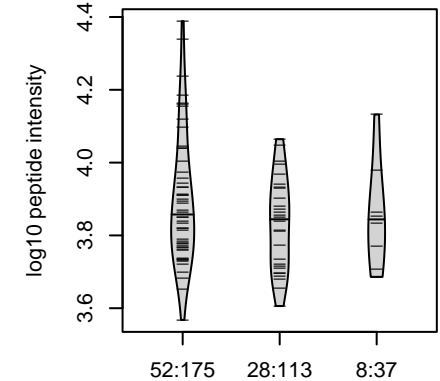
10:81919800:T:C_T
p = 0.87, beta = -0.0172, N = 176

QQILLSFK pc2
P50995-2;P50995



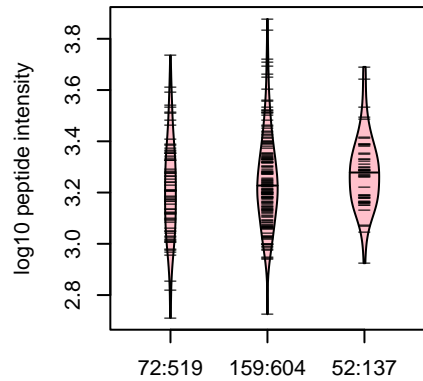
10:81919800:T:C_T
p = 0.6, beta = -0.083, N = 90

SETDLLDIR pc2
P50995-2;P50995



10:81919800:T:C_T
p = 0.64, beta = -0.0745, N = 88

GFGTDEQAIDCLGSR pc2
rs1049550 REF

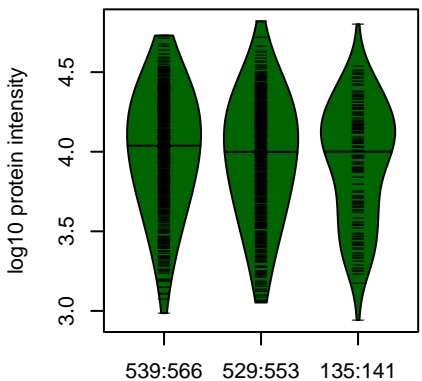


10:81919800:T:C_T
p = 5.3e-10, model = REC, N = 283

Assay Target: ANXA11
Olink UniProt: P50995
UKB rsID: rs2784773
Proxy rsID: rs2784773
UKB SNP: 10:81919800:T:C
Proxy SNP: 10:81919800:T:C
UKB log10(p): 21.8
UKB BETA: 0.063

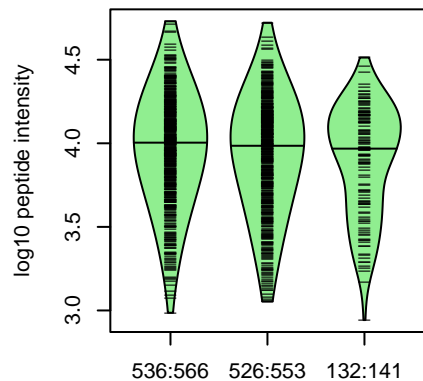
959:932:608:462:427:401:378:2

**PRDX3 : NP4
P30048**



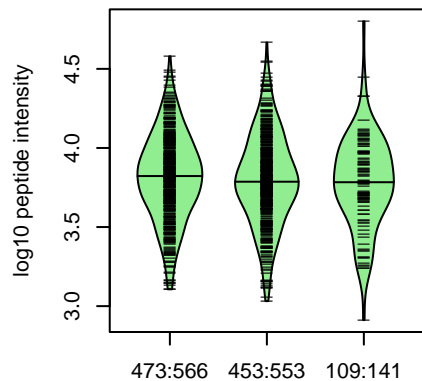
10:120956172:G:A_A
p = 0.009, beta = -0.112, N = 1203

**GLFIIDPNGVIK pc2
P30048**



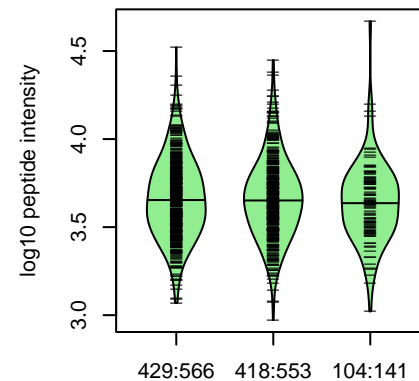
10:120956172:G:A_A
p = 0.0074, beta = -0.115, N = 1194

**DYGVLLGSGALR pc2
P30048**



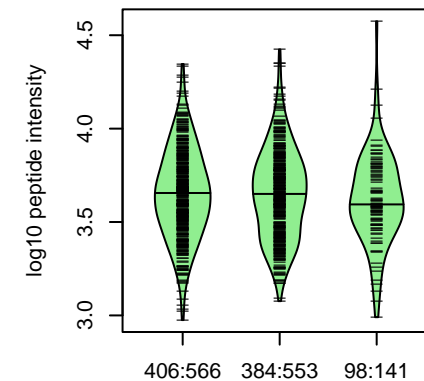
10:120956172:G:A_A
p = 0.24, beta = -0.0554, N = 1035

**HLSVNDLPVGR pc2
P30048**



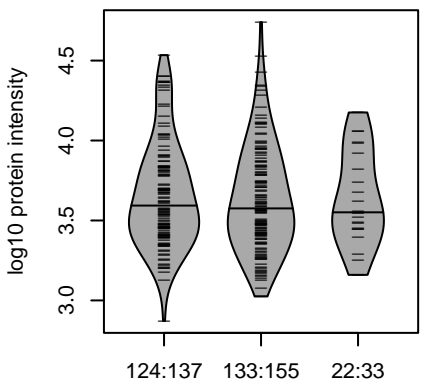
10:120956172:G:A_A
p = 0.37, beta = -0.0436, N = 951

**NGGLGHMNIALLSDLTK pc3
P30048**



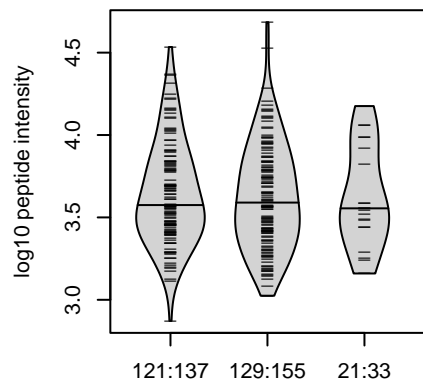
10:120956172:G:A_A
p = 0.36, beta = -0.0461, N = 888

**PRDX3 : NP4
P30048**



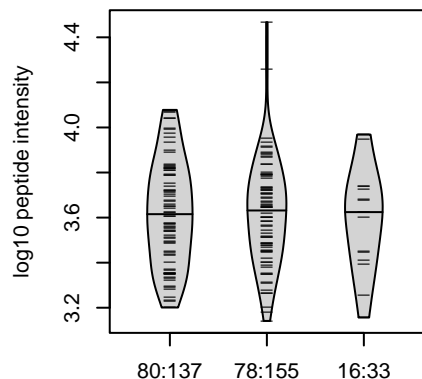
10:120956172:G:A_A
p = 0.57, beta = -0.0533, N = 279

**GLFIIDPNGVIK pc2
P30048**



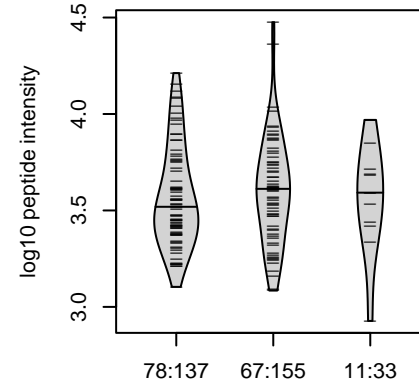
10:120956172:G:A_A
p = 0.54, beta = -0.0583, N = 271

**HLSVNDLPVGR pc2
P30048**



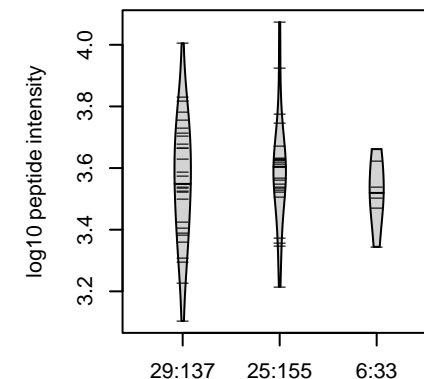
10:120956172:G:A_A
p = 0.64, beta = -0.0533, N = 174

**DYGVLLGSGALR pc2
P30048**



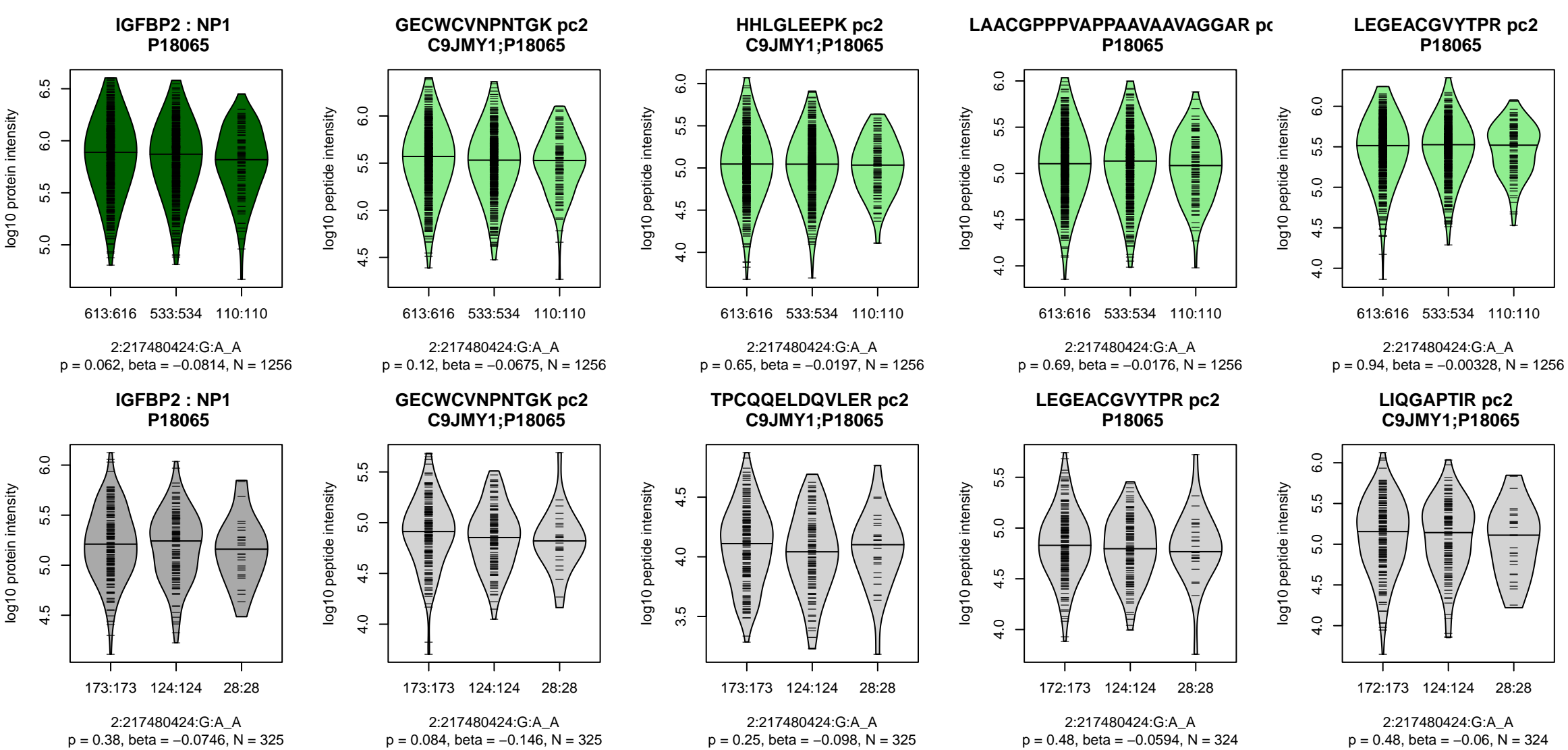
10:120956172:G:A_A
p = 0.65, beta = 0.0576, N = 156

**NGGLGHMNIALLSDLTK pc3
P30048**



10:120956172:G:A_A
p = 0.97, beta = 0.00602, N = 60

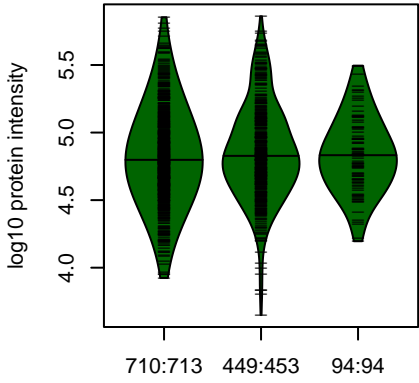
Assay Target: PRDX3
Olink UniProt: P30048
UKB rsID: rs747334131
Proxy rsID: rs7068698
UKB SNP: 10:120953662:TCTG
Proxy SNP: 10:120956172:G:A
UKB log10(p): 21.5
UKB BETA: -0.065
*:---:---:---:---:---
1194:1035:951:888:501:467:32



Assay Target: IGFBP2
 Olink UniProt: P18065
 UKB rsID: rs4674100
 Proxy rsID: rs4674100
 UKB SNP: 2:217480424:G:A
 Proxy SNP: 2:217480424:G:A
 UKB log₁₀(p): 21.2
 UKB BETA: -0.066

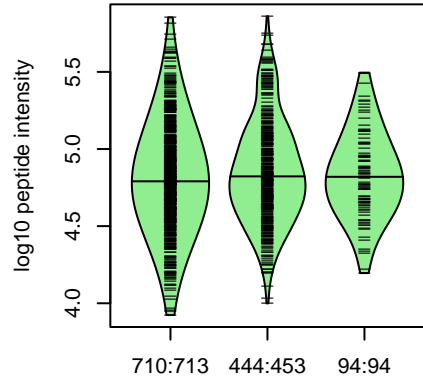
 1256:1256:1256:1256:1255:125

PGA4 : NP2
P0DJD7;P0DJD8;P0DJD9



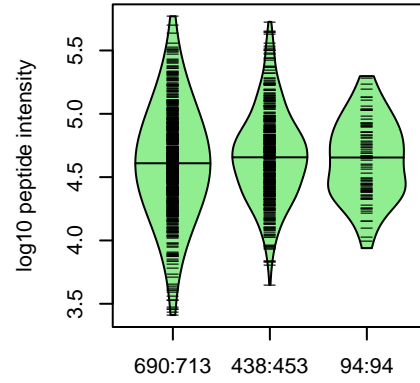
11:60972512:C:T_T
 p = 0.11, beta = 0.0716, N = 1253

QYFTVFDR pc2
5GWT0;F5GXL4;F5H0H6;P0DJD8;P0DJD9



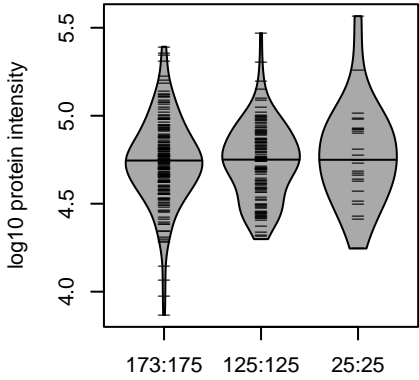
11:60972512:C:T_T
 p = 0.053, beta = 0.0862, N = 1248

HNLNPAR pc2
P0DJD8;P0DJD9;P0DJD7



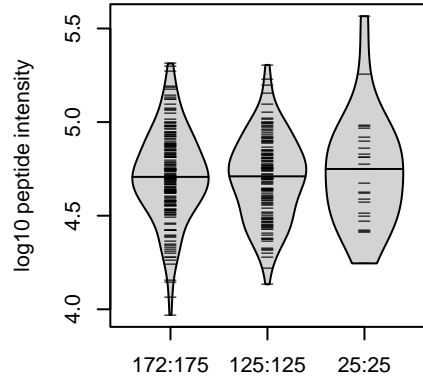
11:60972512:C:T_T
 p = 0.038, beta = 0.0929, N = 1222

PGA4 : NP2
P0DJD7;P0DJD8;P0DJD9



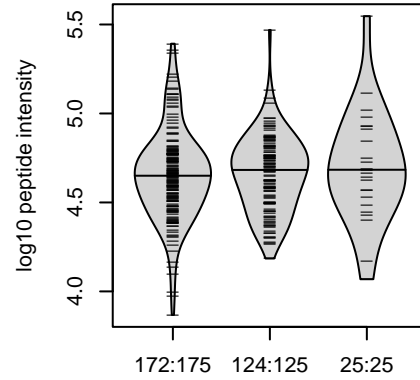
11:60972512:C:T_T
 p = 0.56, beta = 0.0506, N = 323

QYFTVFDR pc2
5GWT0;F5GXL4;F5H0H6;P0DJD8;P0DJD9



11:60972512:C:T_T
 p = 0.76, beta = 0.0269, N = 322

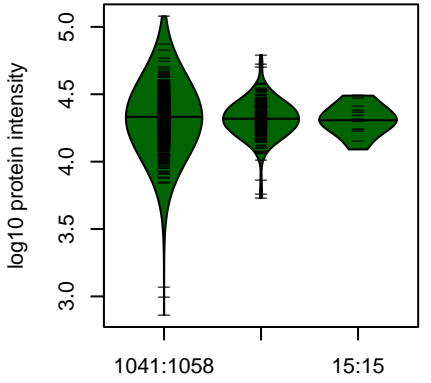
HNLNPAR pc2
P0DJD8;P0DJD9;P0DJD7



11:60972512:C:T_T
 p = 0.28, beta = 0.0931, N = 321

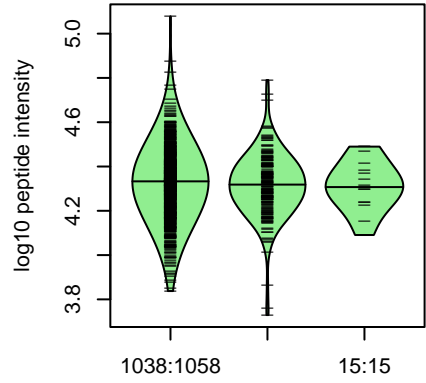
Assay Target: PGA4
 Olink UniProt: P0DJD7
 UKB rsID: rs4414241
 Proxy rsID: rs4414241
 UKB SNP: 11:60972512:C:T
 Proxy SNP: 11:60972512:C:T
 UKB log10(p): 21
 UKB BETA: 0.075
 -:
 1248:1222

**CD74 : NP2
P04233-2**



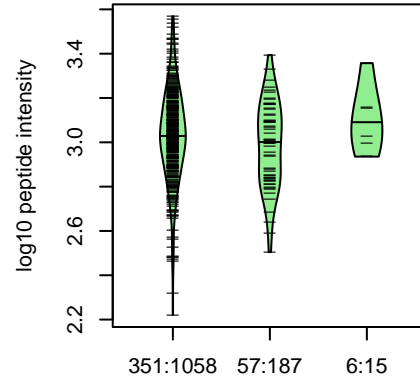
5:149792337:C:T_T
p = 0.46, beta = -0.0508, N = 1239

**NTMETIDWK pc2
P04233;P04233-2**



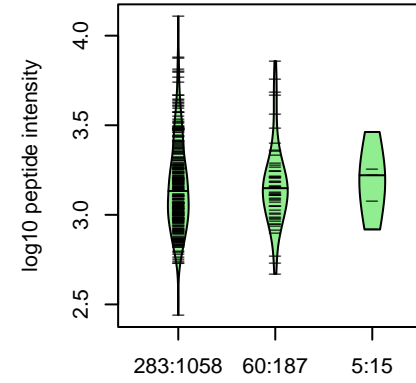
5:149792337:C:T_T
p = 0.45, beta = -0.0526, N = 1236

**ESLELEDPSSGLGVTK pc2
P04233-2**



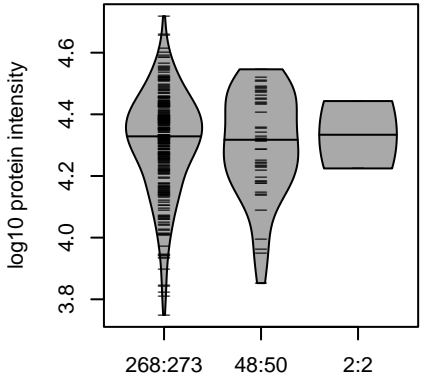
5:149792337:C:T_T
p = 0.37, beta = -0.107, N = 414

**LTVTSQNLQLENLR pc2
7EQJ3;H0YBZ8;P04233;P04233-2;P04**



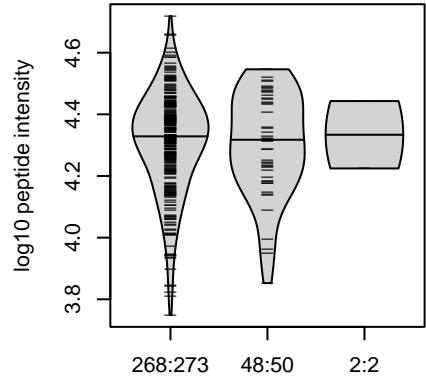
5:149792337:C:T_T
p = 0.54, beta = 0.0739, N = 348

**CD74 : NP2
P04233-2**



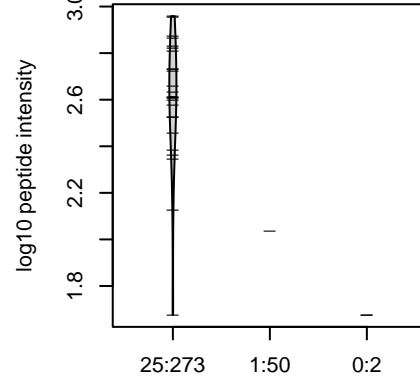
5:149792337:C:T_T
p = 0.57, beta = -0.0805, N = 318

**NTMETIDWK pc2
P04233;P04233-2**



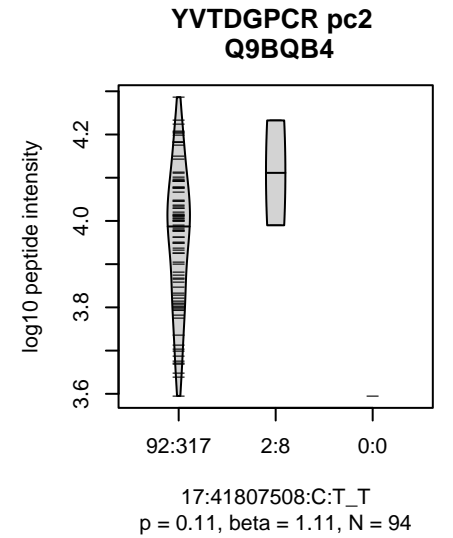
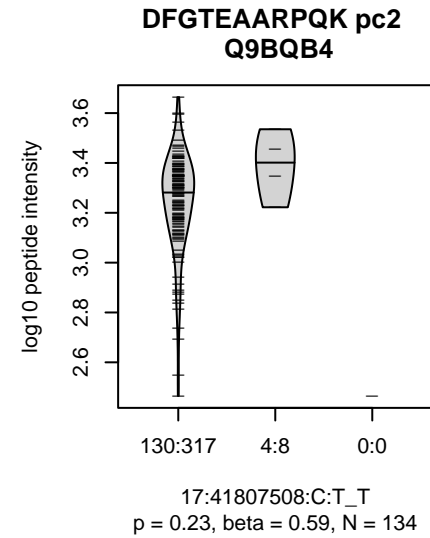
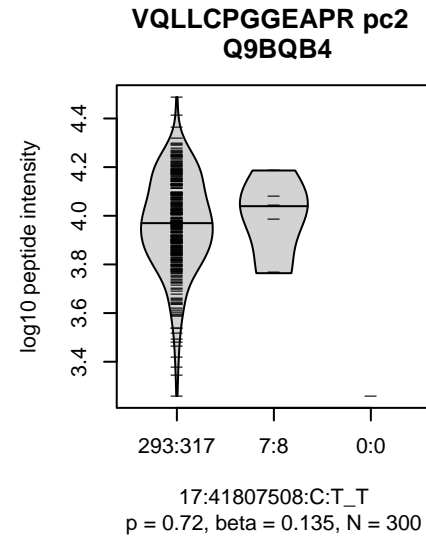
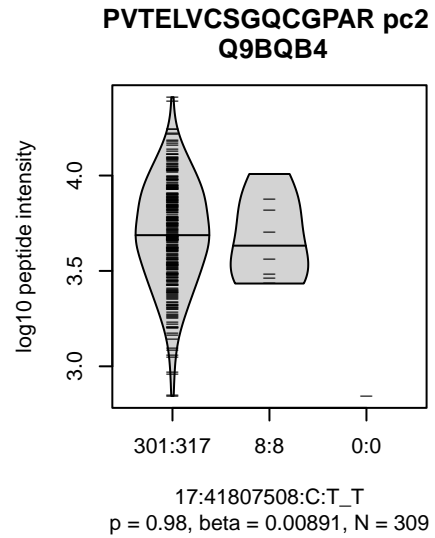
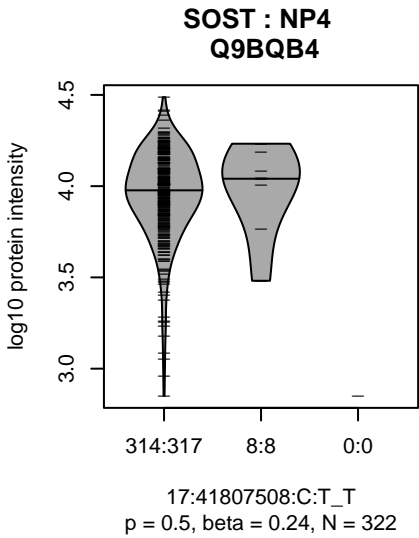
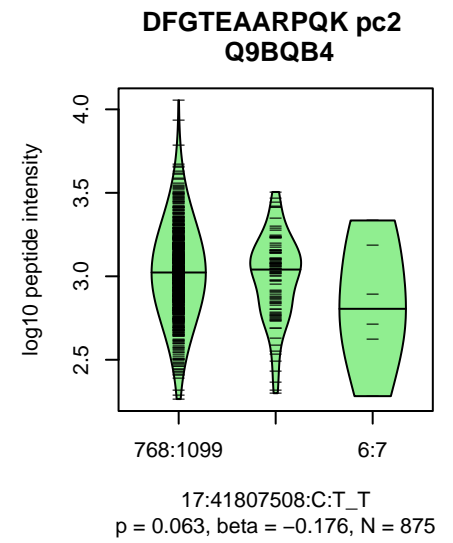
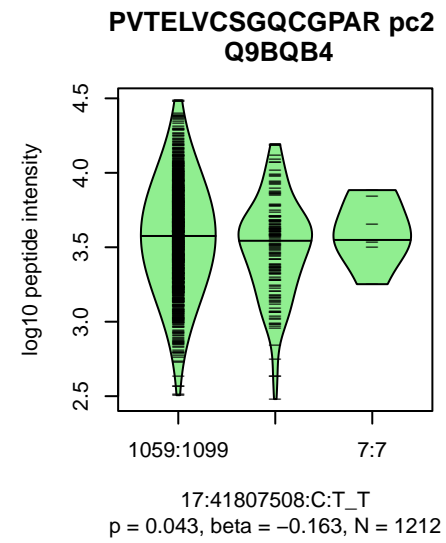
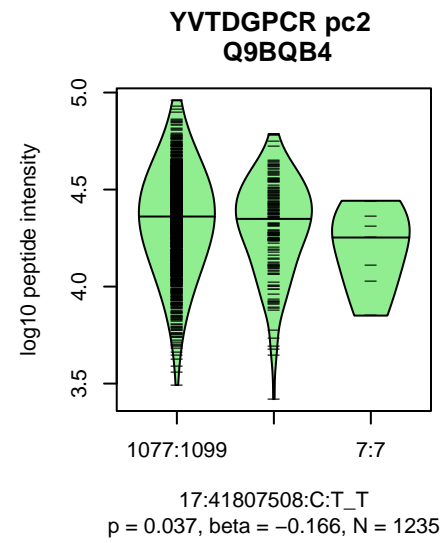
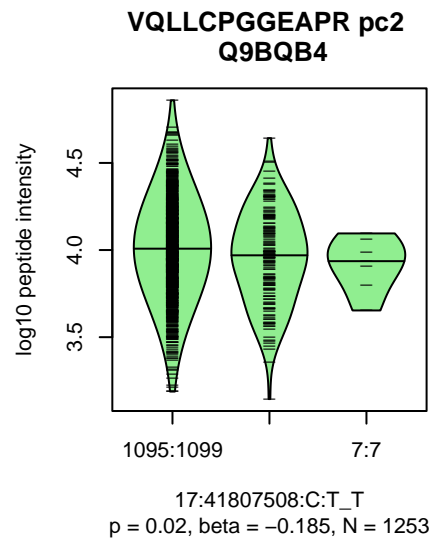
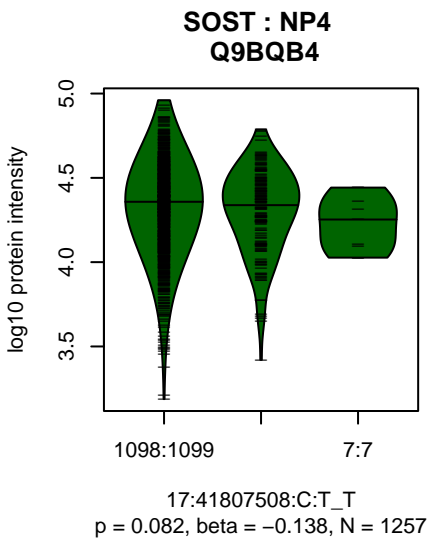
5:149792337:C:T_T
p = 0.57, beta = -0.0805, N = 318

**LTVTSQNLQLENLR pc2
7EQJ3;H0YBZ8;P04233;P04233-2;P04**



5:149792337:C:T_T
p = 0.11, beta = -1.5, N = 26

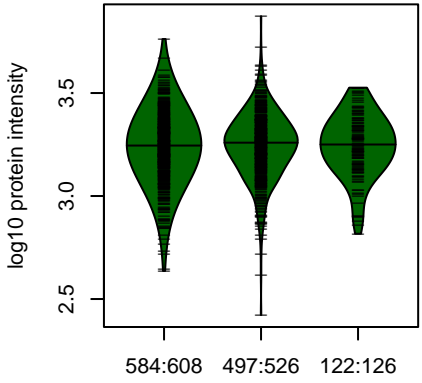
Assay Target: CD74
Olink UniProt: P04233
UKB rsID: rs55796634
Proxy rsID: rs55796634
UKB SNP: 5:149792337:C:T
Proxy SNP: 5:149792337:C:T
UKB log10(p): 20.1
UKB BETA: -0.087
-:-:-
1236:414:348



Assay Target: SOST
 Olink UniProt: Q9BQB4
 UKB rsID: rs76410205
 Proxy rsID: rs76410205
 UKB SNP: 17:41807508:C:T
 Proxy SNP: 17:41807508:C:T
 UKB log₁₀(p): 19.7
 UKB BETA: -0.097

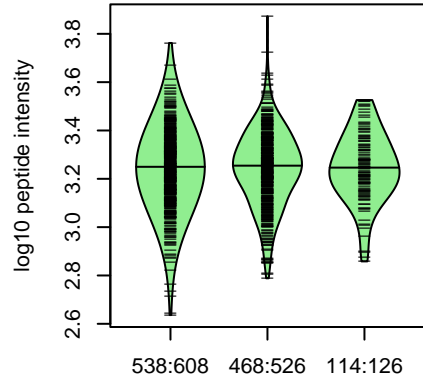
 1253:1235:1212:875:871:272:38

SIL1 : NP2
D6REA1;Q9H173



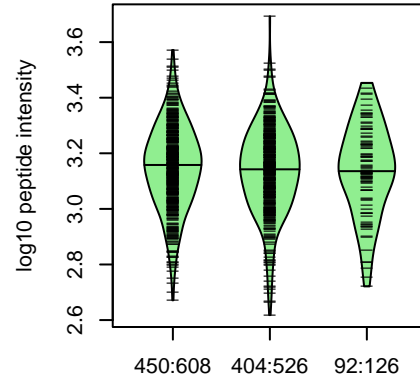
5:138364394:T:C_C
 $p = 0.24$, $\beta = 0.0513$, $N = 1203$

VVTLLYDLVTEK pc2
D6REA1;Q9H173



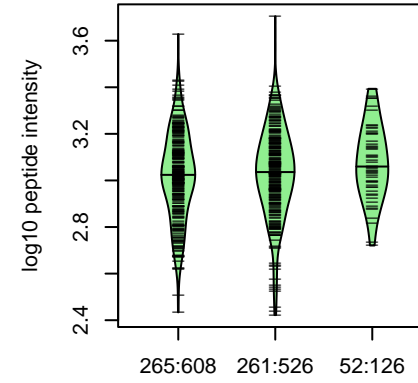
5:138364394:T:C_C
 $p = 0.29$, $\beta = 0.0474$, $N = 1120$

VQVEAIEGGALQK pc2
D6REA1;Q9H173



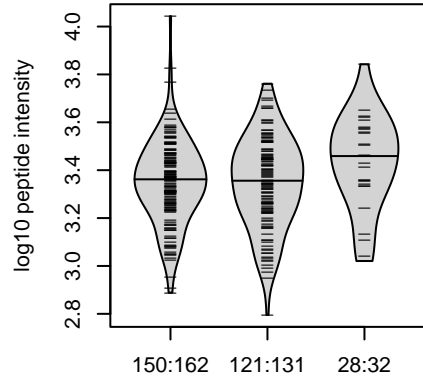
5:138364394:T:C_C
 $p = 0.54$, $\beta = -0.03$, $N = 946$

LLVILATEQPLTAK pc2
D6REA1;Q9H173



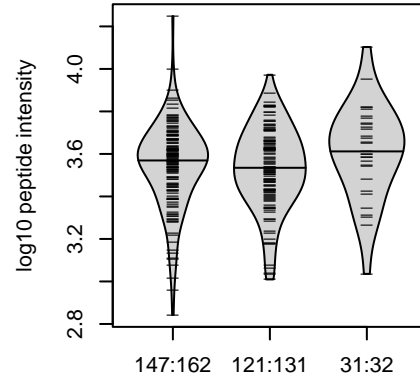
5:138364394:T:C_C
 $p = 0.06$, $\beta = 0.121$, $N = 578$

VQVEAIEGGALQK pc2
D6REA1;Q9H173



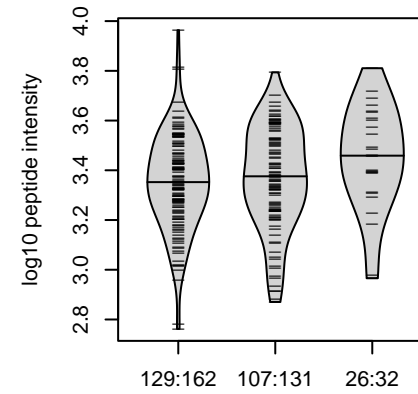
5:138364394:T:C_C
 $p = 0.053$, $\beta = 0.168$, $N = 299$

VVTLLYDLVTEK pc2
D6REA1;Q9H173



5:138364394:T:C_C
 $p = 0.13$, $\beta = 0.128$, $N = 299$

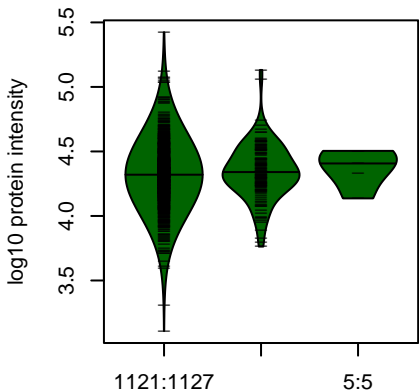
LLVILATEQPLTAK pc2
D6REA1;Q9H173



5:138364394:T:C_C
 $p = 0.035$, $\beta = 0.193$, $N = 262$

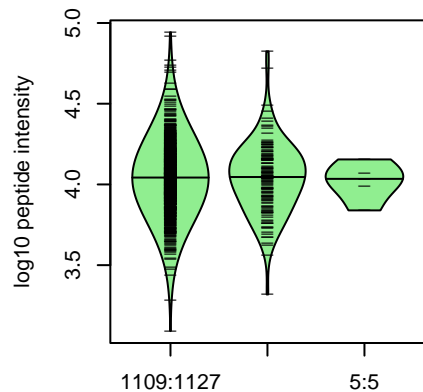
Assay Target: SIL1
 Olink UniProt: Q9H173
 UKB rsID: rs11957633
 Proxy rsID: rs11957633
 UKB SNP: 5:138364394:T:C
 Proxy SNP: 5:138364394:T:C
 UKB $\log_{10}(p)$: 18.7
 UKB BETA: 0.06
 -:-:-
 1120:946:578

**RANBP1 : NP3
P43487-2**



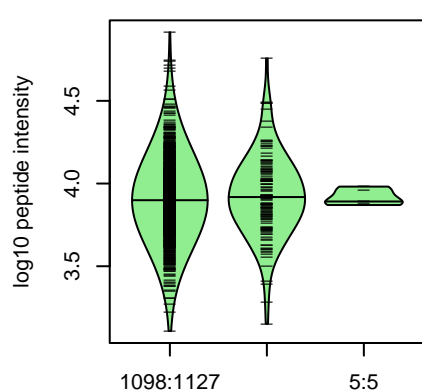
22:20106069:C:A_A
p = 0.32, beta = 0.0855, N = 1253

**FASENDLPEWK pc2
F6WQW2;P43487-2;P43487**



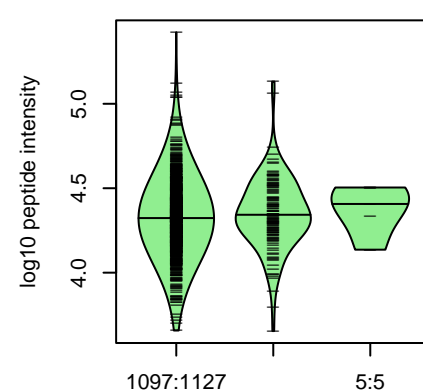
22:20106069:C:A_A
p = 0.54, beta = -0.053, N = 1240

**TLLEEDEELFK pc2
F6WQW2;P43487-2;P43487**



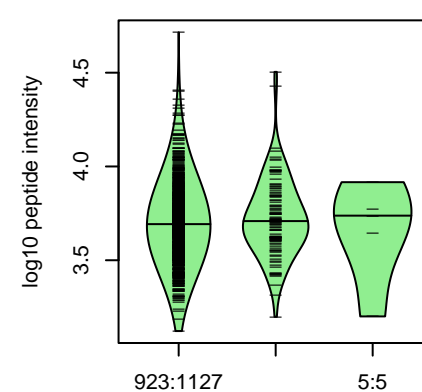
22:20106069:C:A_A
p = 0.72, beta = 0.0311, N = 1229

**FLNAENAQK pc2
F6WQW2;P43487-2;P43487**



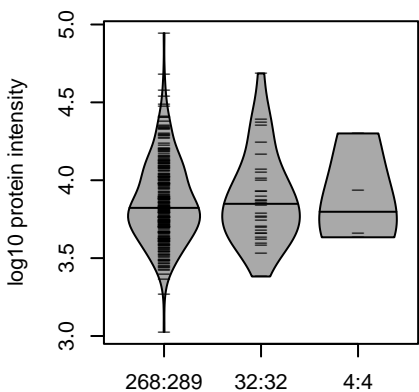
22:20106069:C:A_A
p = 0.32, beta = 0.0876, N = 1226

**ICANHITPMSELK pc3
F6WQW2;P43487-2;P43487**



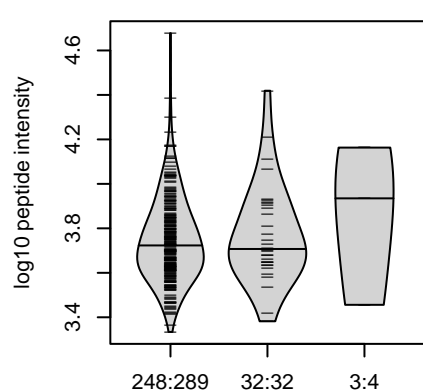
22:20106069:C:A_A
p = 0.51, beta = 0.0605, N = 1036

**RANBP1 : NP3
P43487-2**



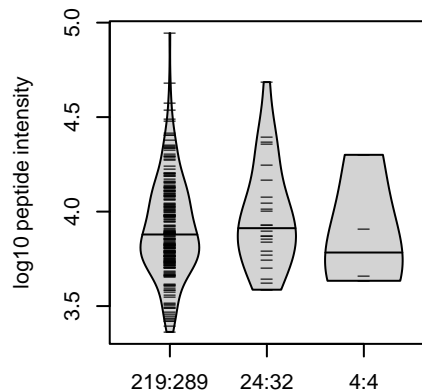
22:20106069:C:A_A
p = 0.91, beta = 0.0163, N = 304

**FASENDLPEWK pc2
F6WQW2;P43487-2;P43487**



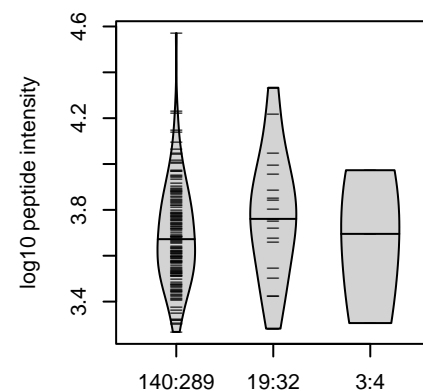
22:20106069:C:A_A
p = 0.84, beta = 0.0315, N = 283

**FLNAENAQK pc2
F6WQW2;P43487-2;P43487**



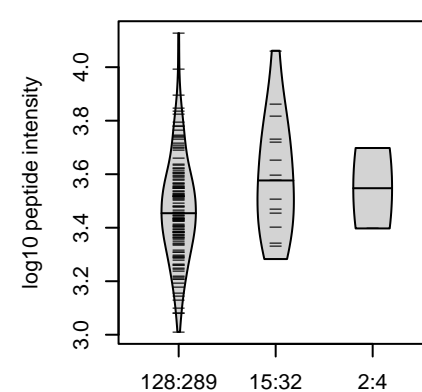
22:20106069:C:A_A
p = 0.82, beta = 0.0379, N = 247

**TLLEEDEELFK pc2
F6WQW2;P43487-2;P43487**



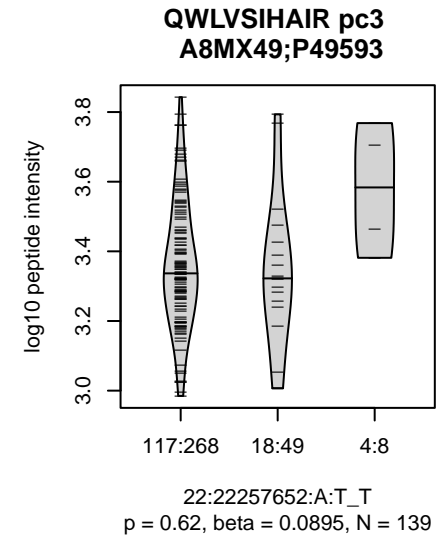
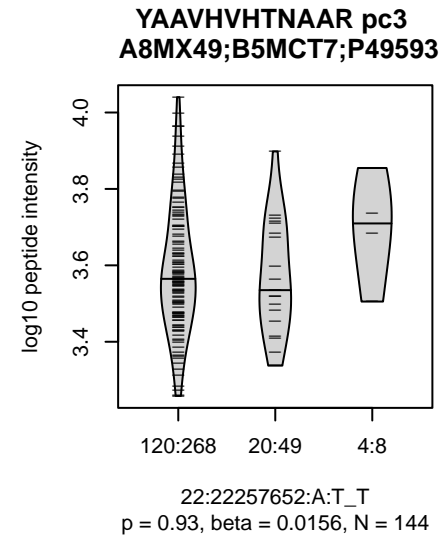
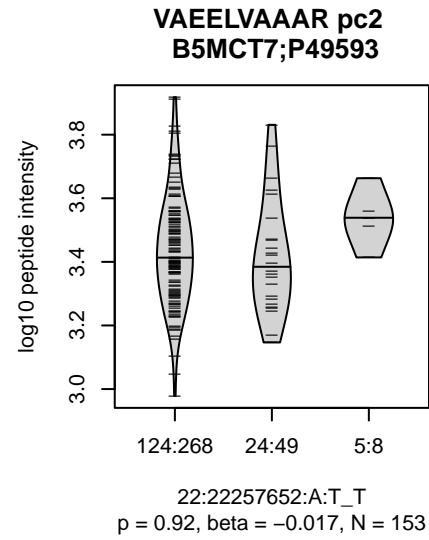
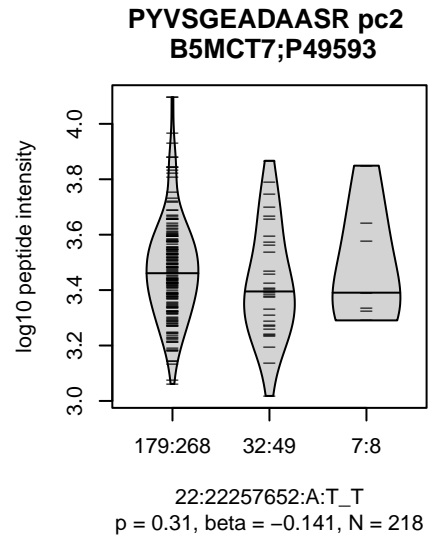
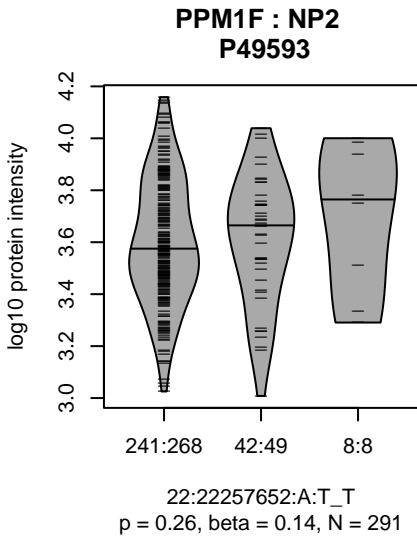
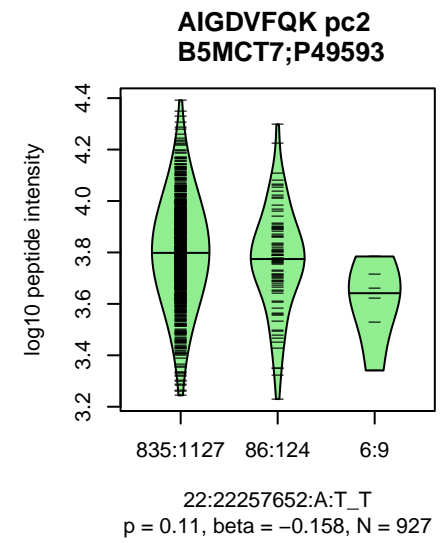
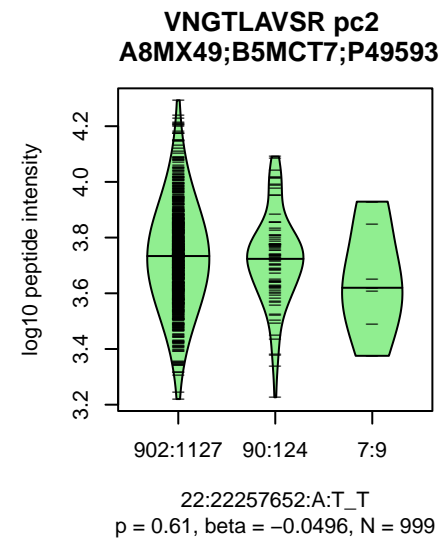
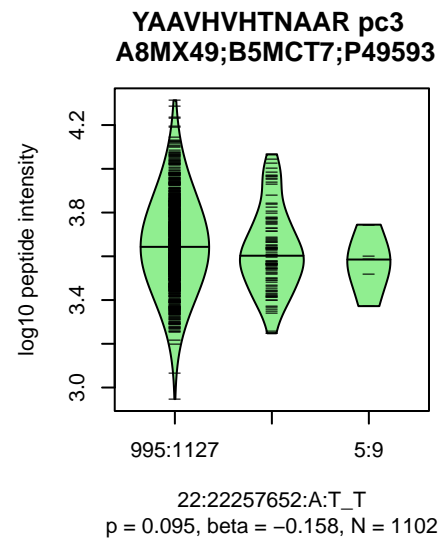
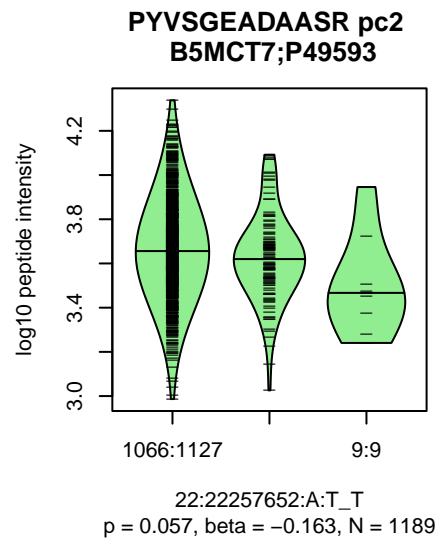
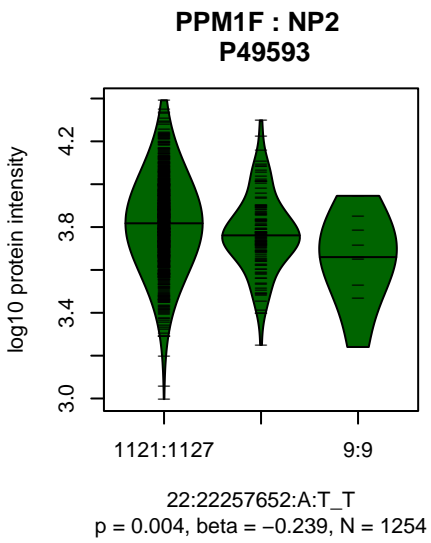
22:20106069:C:A_A
p = 0.77, beta = 0.0559, N = 162

**ICANHITPMSELK pc3
F6WQW2;P43487-2;P43487**



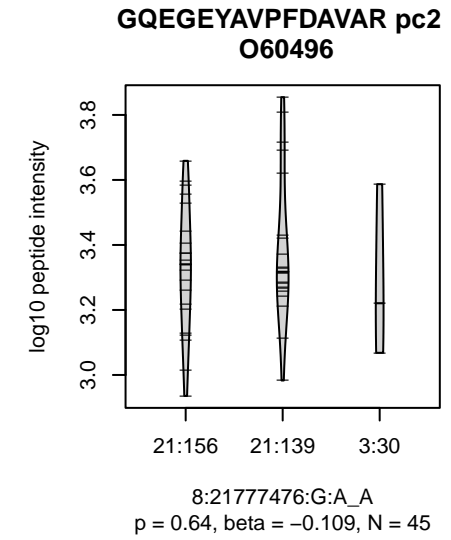
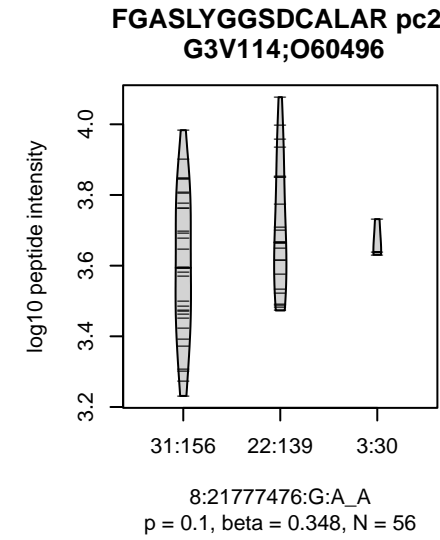
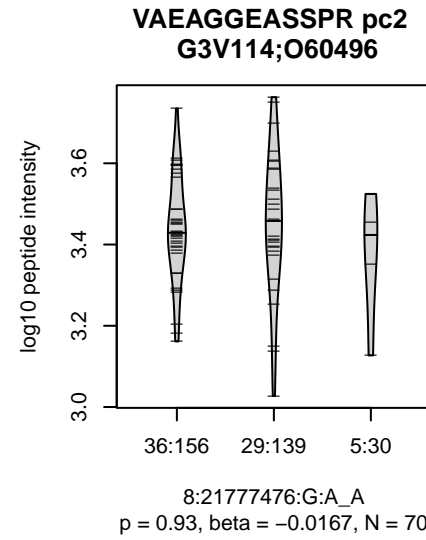
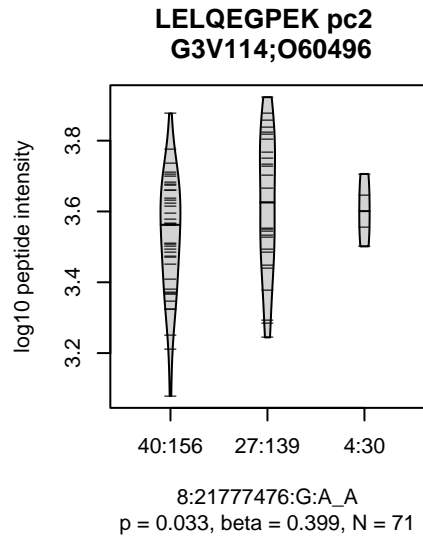
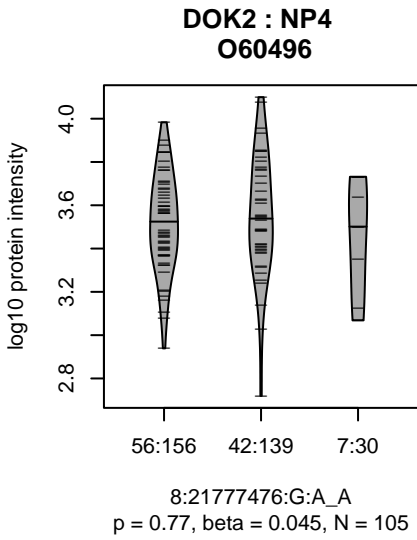
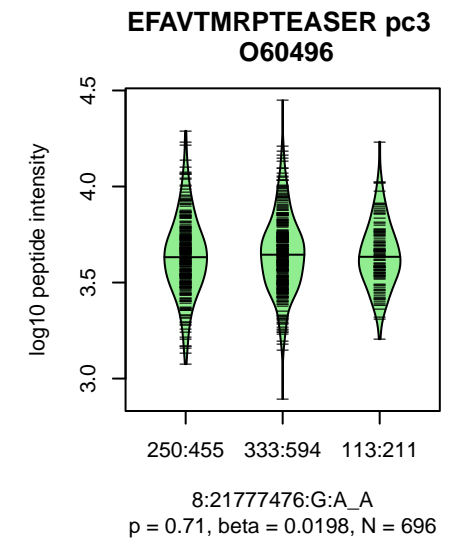
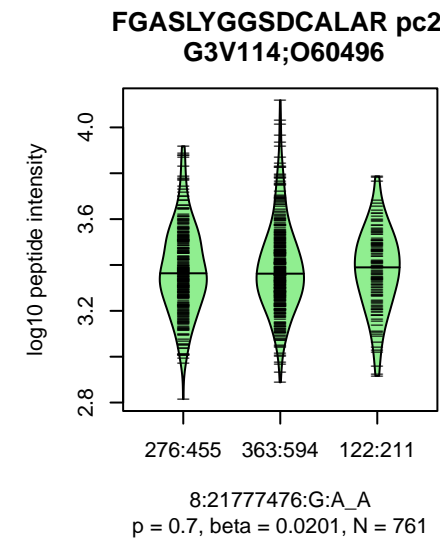
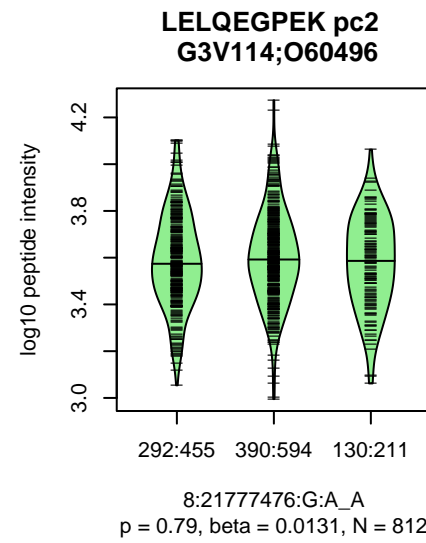
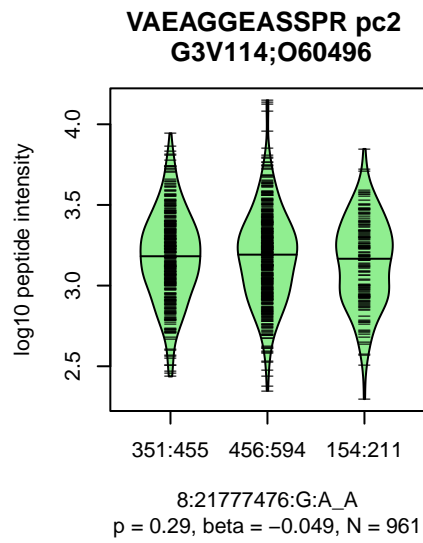
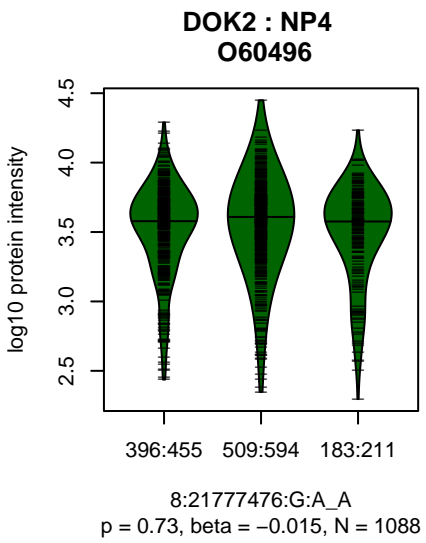
22:20106069:C:A_A
p = 0.11, beta = 0.339, N = 145

Assay Target: RANBP1
Olink UniProt: P43487
UKB rsID: rs117718692
Proxy rsID: rs4589855
UKB SNP: 22:20117344:G:T
Proxy SNP: 22:20106069:C:A
UKB log10(p): 18.4
UKB BETA: 0.122
-:-:-:-:-NA
1240:1229:1226:1036:950:827:



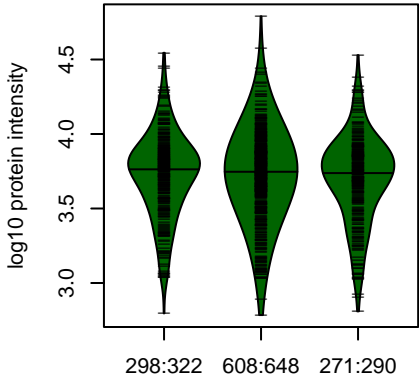
Assay Target: PPM1F
 Olink UniProt: P49593
 UKB rsID: rs5750281
 Proxy rsID: rs5755996
 UKB SNP: 22:22327787:C:T
 Proxy SNP: 22:22257652:A:T
 UKB log10(p): 18.3
 UKB BETA: -0.132

 1189:1102:999:927:860:842:719



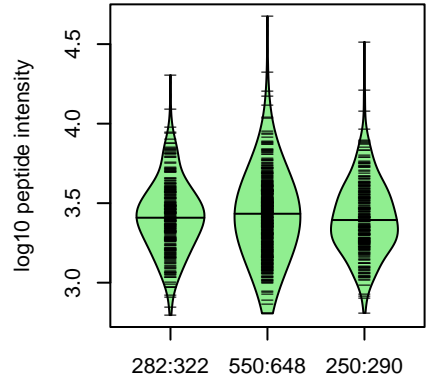
Assay Target: DOK2
 Olink UniProt: O60496
 UKB rsID: rs4357289
 Proxy rsID: rs4357289
 UKB SNP: 8:21777476:G:A
 Proxy SNP: 8:21777476:G:A
 UKB log10(p): 17.8
 UKB BETA: 0.054
 -----NA
 961:812:761:696:531:498:369:3

**GCLM : NP5
P48507**



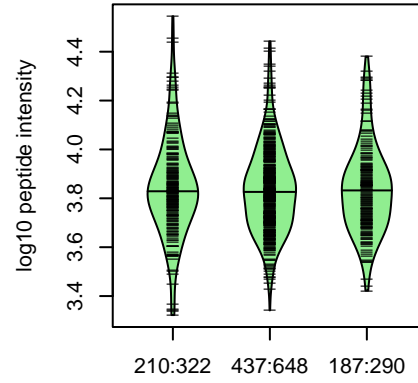
1:94384624:G:A_A
 $p = 0.3$, $\beta = -0.043$, $N = 1177$

**TLNEWSSQINPDLVR pc2
P48507**



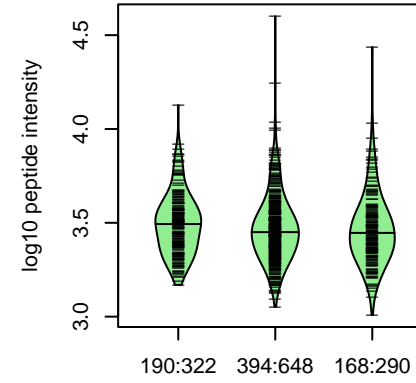
1:94384624:G:A_A
 $p = 0.85$, $\beta = -0.0082$, $N = 1082$

**IVAIGTSDLDK pc2
P48507;P48507-2**



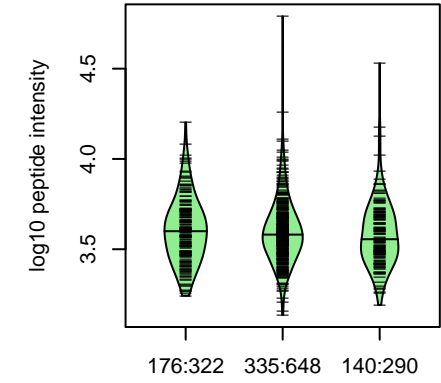
1:94384624:G:A_A
 $p = 0.74$, $\beta = -0.0163$, $N = 834$

**TLHLQTGNLLNWGR pc3
P48507;P48507-2**



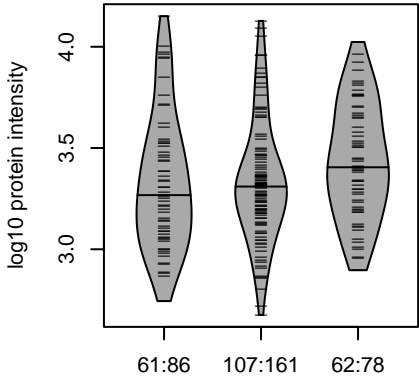
1:94384624:G:A_A
 $p = 0.036$, $\beta = -0.11$, $N = 752$

**EFPDVLECTVSHAVEK pc3
P48507**



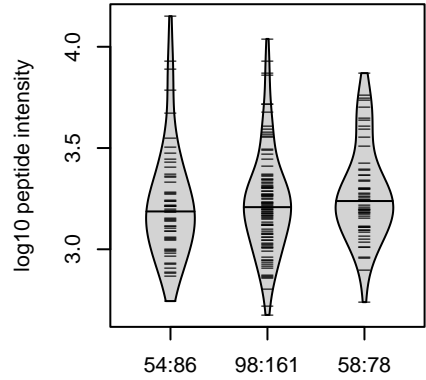
1:94384624:G:A_A
 $p = 0.28$, $\beta = -0.0603$, $N = 651$

**GCLM : NP5
P48507**



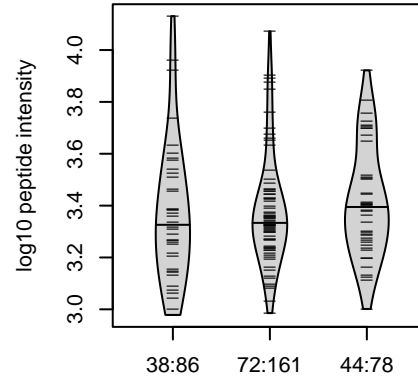
1:94384624:G:A_G
 $p = 0.015$, $\beta = 0.215$, $N = 230$

**TLNEWSSQINPDLVR pc2
P48507**



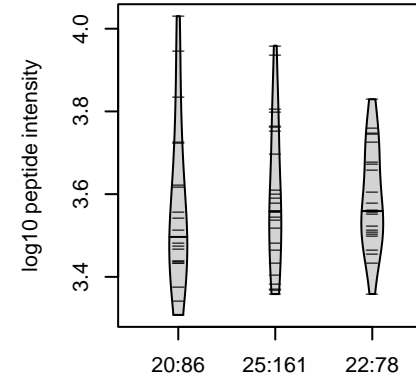
1:94384624:G:A_G
 $p = 0.067$, $\beta = 0.17$, $N = 210$

**TLHLQTGNLLNWGR pc3
P48507;P48507-2**



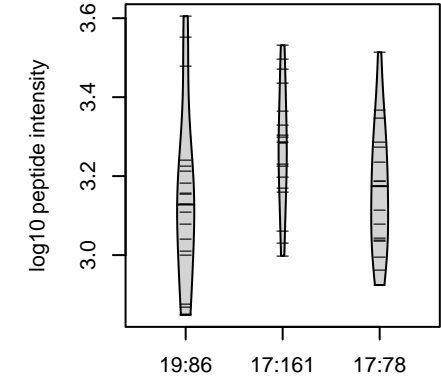
1:94384624:G:A_G
 $p = 0.2$, $\beta = 0.137$, $N = 154$

**LFIVESNSSSTR pc2
P48507;P48507-2**



1:94384624:G:A_G
 $p = 0.47$, $\beta = 0.107$, $N = 67$

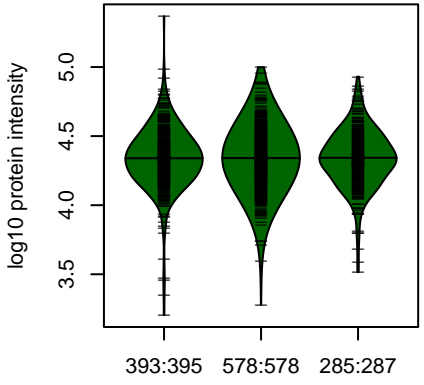
**TQLEQLYQWAQVK pc2
P48507;P48507-2**



1:94384624:G:A_G
 $p = 0.51$, $\beta = 0.106$, $N = 53$

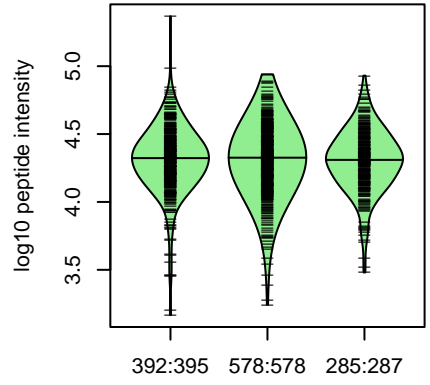
Assay Target: GCLM
Olink UniProt: P48507
UKB rsID: rs774698707
Proxy rsID: rs12563495
UKB SNP: 1:94383448:TTAA:T
Proxy SNP: 1:94384624:G:A
UKB log10(p): 17.6
UKB BETA: -0.055
-----NA:NA
1082:834:752:651:444:227:219:

**ST13 : NP1
P50502**



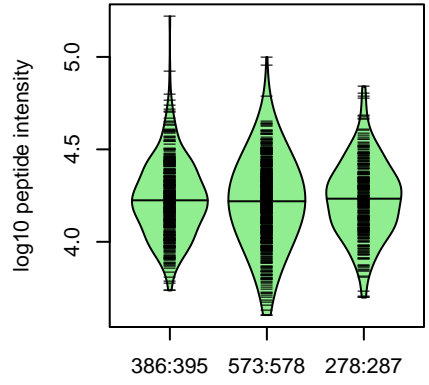
22:41302973:A:T_A
p = 0.59, beta = 0.0205, N = 1256

**AIDLFTDAIK pc2
P50502**



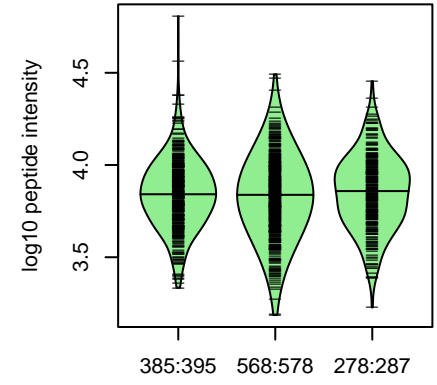
22:41302973:A:T_A
p = 0.86, beta = 0.00674, N = 1255

**AIEINPDSAQPYK pc2
P50502**



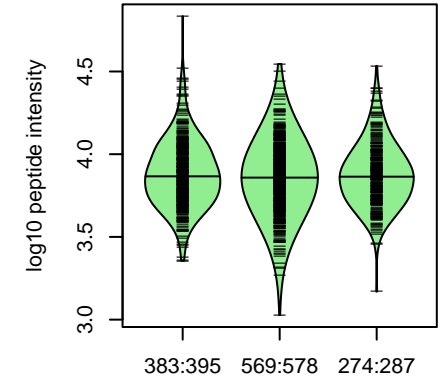
22:41302973:A:T_A
p = 0.62, beta = 0.0192, N = 1237

**LDYDEASAMLK pc2
P50502**



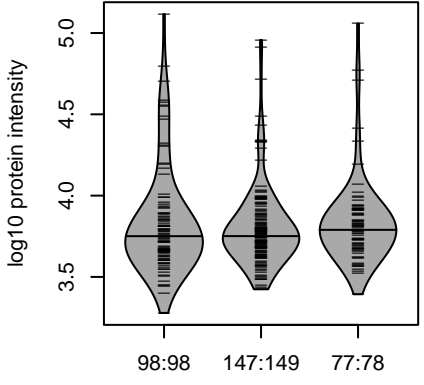
22:41302973:A:T_A
p = 0.22, beta = 0.0474, N = 1231

**QDPSVLHTEEMR pc3
F8WAQ7;P50502**



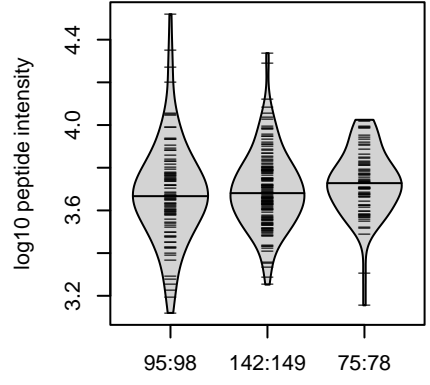
22:41302973:A:T_A
p = 0.82, beta = 0.00871, N = 1226

**ST13 : NP1
P50502**



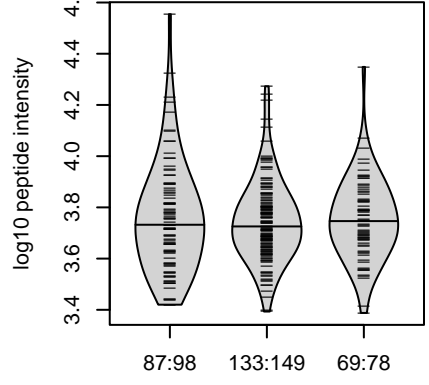
22:41302973:A:T_A
p = 0.89, beta = 0.0103, N = 322

**AIDLFTDAIK pc2
P50502**



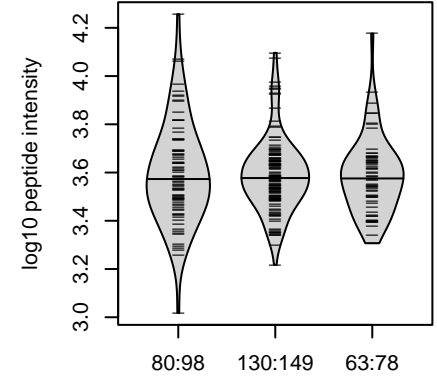
22:41302973:A:T_A
p = 0.28, beta = 0.0826, N = 312

**AIEINPDSAQPYK pc2
P50502**



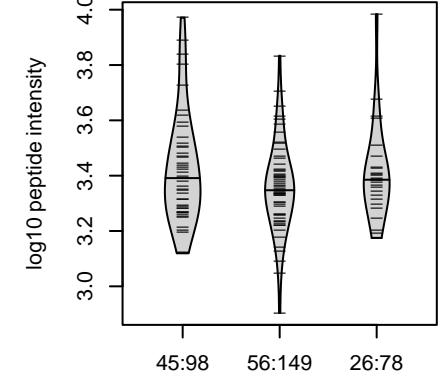
22:41302973:A:T_A
p = 0.31, beta = -0.0808, N = 289

**VAAIEALNDGELQK pc2
P50502**



22:41302973:A:T_A
p = 0.26, beta = -0.0926, N = 273

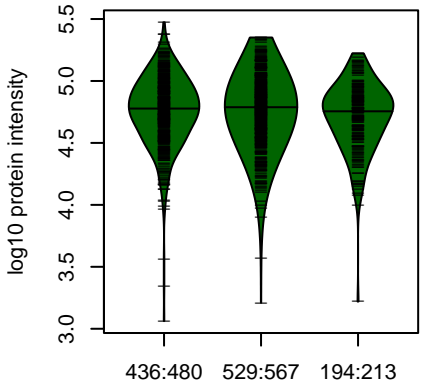
**QDPSVLHTEEMR pc3
F8WAQ7;P50502**



22:41302973:A:T_A
p = 0.26, beta = -0.134, N = 127

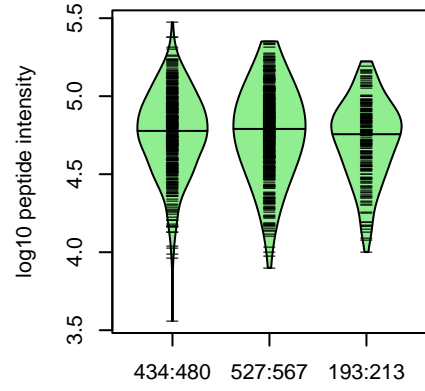
Assay Target: ST13
Olink UniProt: P50502
UKB rsID: rs5995963
Proxy rsID: rs5995963
UKB SNP: 22:41302973:A:T
Proxy SNP: 22:41302973:A:T
UKB log10(p): 17.1
UKB BETA: -0.052
-----NA
1255:1237:1231:1226:1202:972

**SHH : NP4
Q15465**



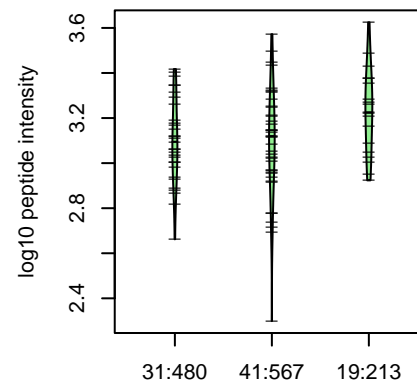
7:156173238:T:C_C
p = 0.13, beta = -0.0618, N = 1159

**QFIPNVAEK pc2
Q15465**



7:156173238:T:C_C
p = 0.15, beta = -0.0593, N = 1154

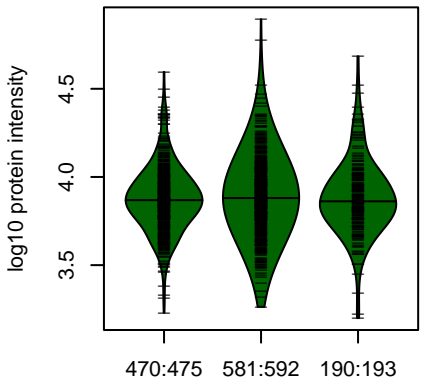
**ELTPNYNPDIIFK pc2
Q14623;Q15465**



7:156173238:T:C_C
p = 0.072, beta = 0.249, N = 91

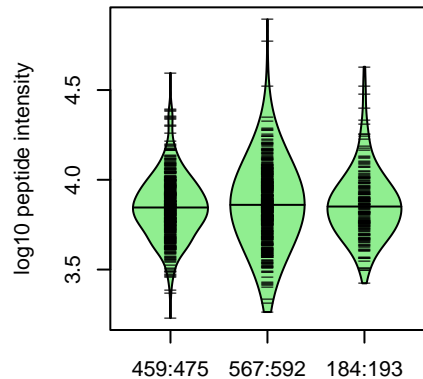
Assay Target: SHH
Olink UniProt: Q15465
UKB rsID: rs10225292
Proxy rsID: rs10225292
UKB SNP: 7:156173238:T:C
Proxy SNP: 7:156173238:T:C
UKB log10(p): 16.6
UKB BETA: -0.055
-:-
1154:91

**DNAJB1 : NP1
P25685**



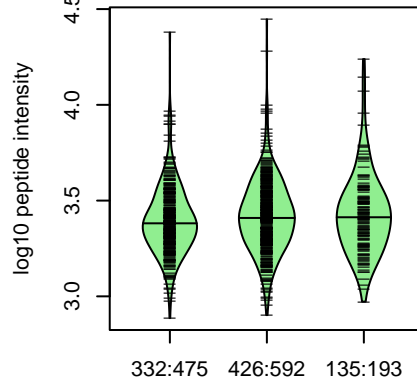
19:14655502:G:A_G
p = 0.97, beta = -0.00135, N = 1241

**VSLEEIYSGGTK pc2
A0A7I2V3K7;M0QXK0;P25685-2;Q9UDY4 A0A7I2V3K7;M0QXK0;P25685-2;P25 A0A7I2V3K7;M0QXK0;P25685-2;P25**



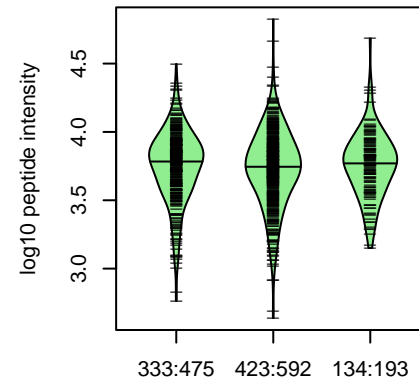
19:14655502:G:A_G
p = 0.75, beta = 0.013, N = 1210

KQDPPVTHDLR pc3



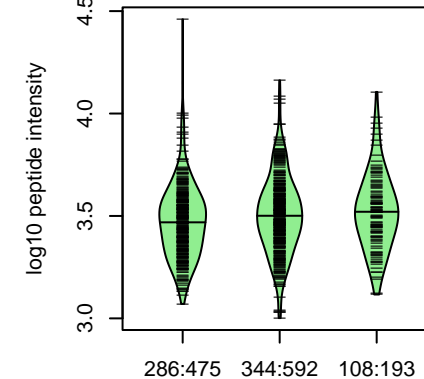
19:14655502:G:A_G
p = 0.16, beta = 0.0684, N = 893

ILTIEVK pc2



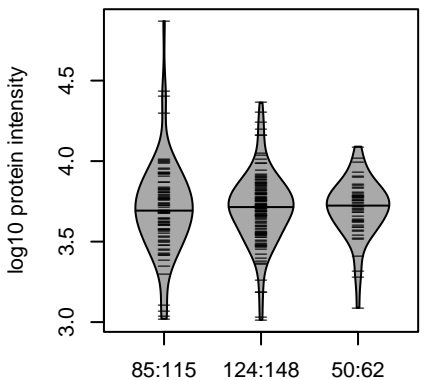
19:14655502:G:A_G
p = 0.98, beta = -0.00118, N = 890

**DYYQTLGLAR pc2
M0QXK0;P25685**



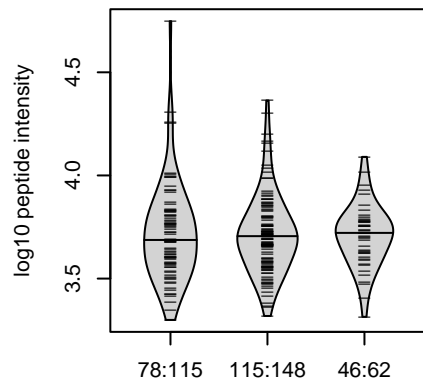
19:14655502:G:A_G
p = 0.02, beta = 0.123, N = 738

**DNAJB1 : NP1
P25685**



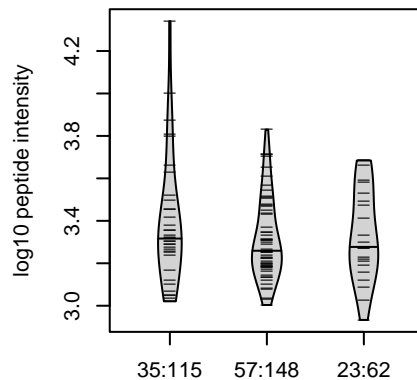
19:14655502:G:A_G
p = 0.55, beta = 0.0522, N = 259

**VSLEEIYSGGTK pc2
A0A7I2V3K7;M0QXK0;P25685-2;Q9UDY4 A0A7I2V3K7;M0QXK0;P25685-2;P25 A0A7I2V3K7;M0QXK0;P25685-2;P25 A0A7I2V3K7;M0QXK0;P25685-2;P25**



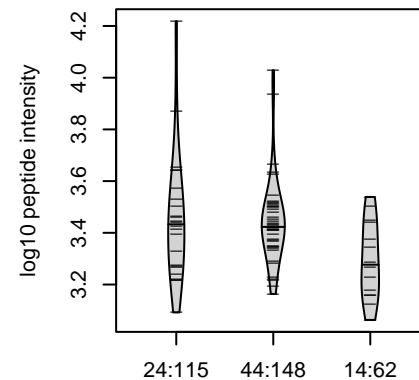
19:14655502:G:A_G
p = 0.67, beta = 0.038, N = 239

KQDPPVTHDLR pc3



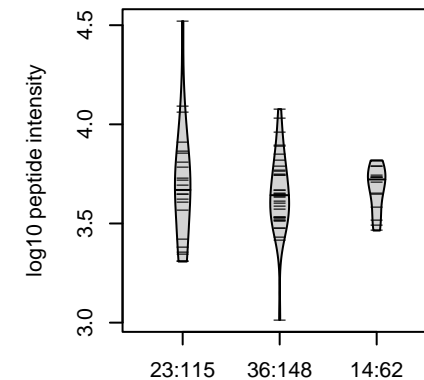
19:14655502:G:A_G
p = 0.74, beta = -0.0438, N = 115

KVPGEGLPLPK pc2



19:14655502:G:A_G
p = 0.0076, beta = -0.417, N = 82

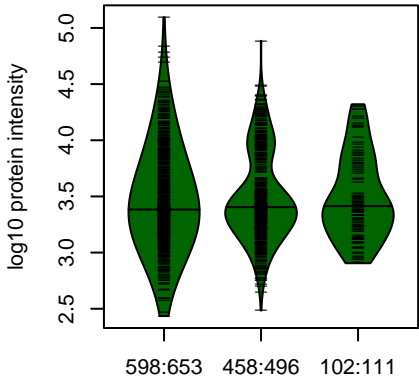
DGSDVIYPAR pc2



19:14655502:G:A_G
p = 0.66, beta = 0.0711, N = 73

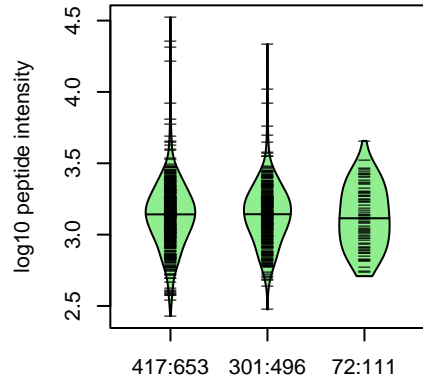
Assay Target: DNAJB1
Olink UniProt: P25685
UKB rsID: rs7248009
Proxy rsID: rs7248009
UKB SNP: 19:14655502:G:A
Proxy SNP: 19:14655502:G:A
UKB log10(p): 15.7
UKB BETA: -0.051
-----NA:N
1210:893:890:738:385:348:304:

SLIT2 : NP4
O94813;X6R3P0



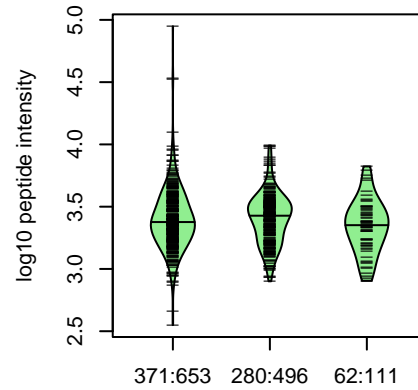
4:20190972:C:T_C
 $p = 0.7$, $\beta = 0.0175$, $N = 1158$

VPMQTGILPGCEPCHK pc3
I87WYV5;O94813;O94813-2;O94813-I87WYV5;O94813;O94813-2;O94813-I87WYV5;O94813;O94813-2;O94813-



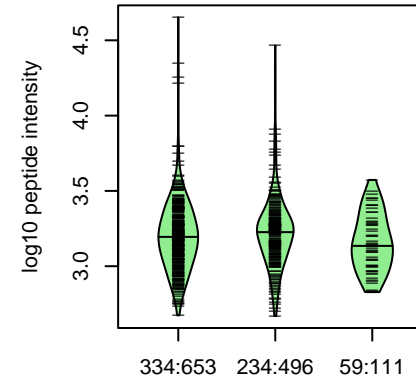
4:20190972:C:T_C
 $p = 0.64$, $\beta = -0.0256$, $N = 790$

ESYLQIPSAK pc2



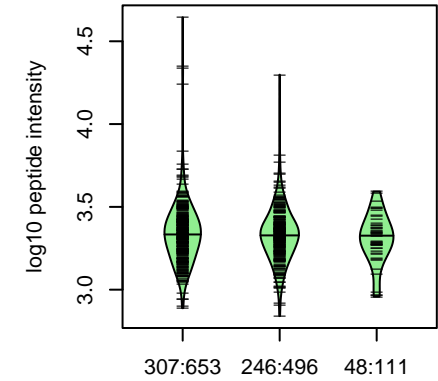
4:20190972:C:T_C
 $p = 0.15$, $\beta = -0.0819$, $N = 713$

NLYINSELQDFQK pc2



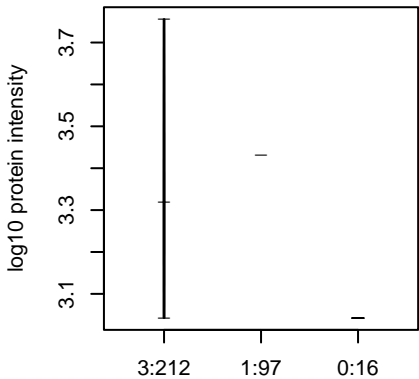
4:20190972:C:T_C
 $p = 0.47$, $\beta = -0.043$, $N = 627$

TNDPCLGNK pc2



4:20190972:C:T_C
 $p = 0.15$, $\beta = -0.0914$, $N = 601$

SLIT2 : NP4
I87WYV5;O94813;O94813-2;O94813-



4:20190972:C:T_C
 $p = \text{NA}$, $\beta = \text{NA}$, $N = 4$

Assay Target: SLIT2
Olink UniProt: O94813
UKB rsID: rs587668
Proxy rsID: rs587668
UKB SNP: 4:20190972:C:T
Proxy SNP: 4:20190972:C:T
UKB log10(p): 15.6
UKB BETA: -0.056
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790:713:627:601:381:330:292:2