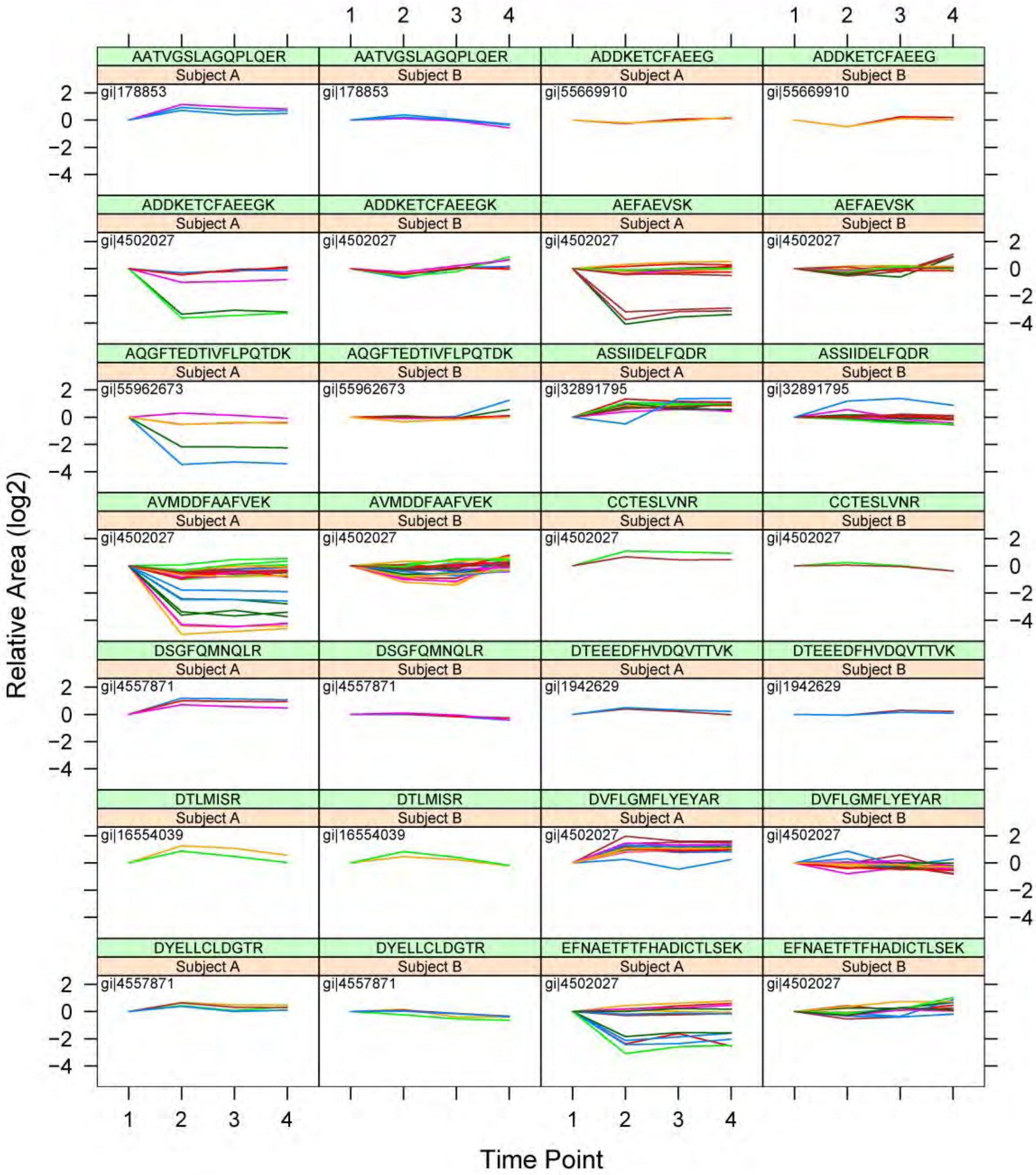
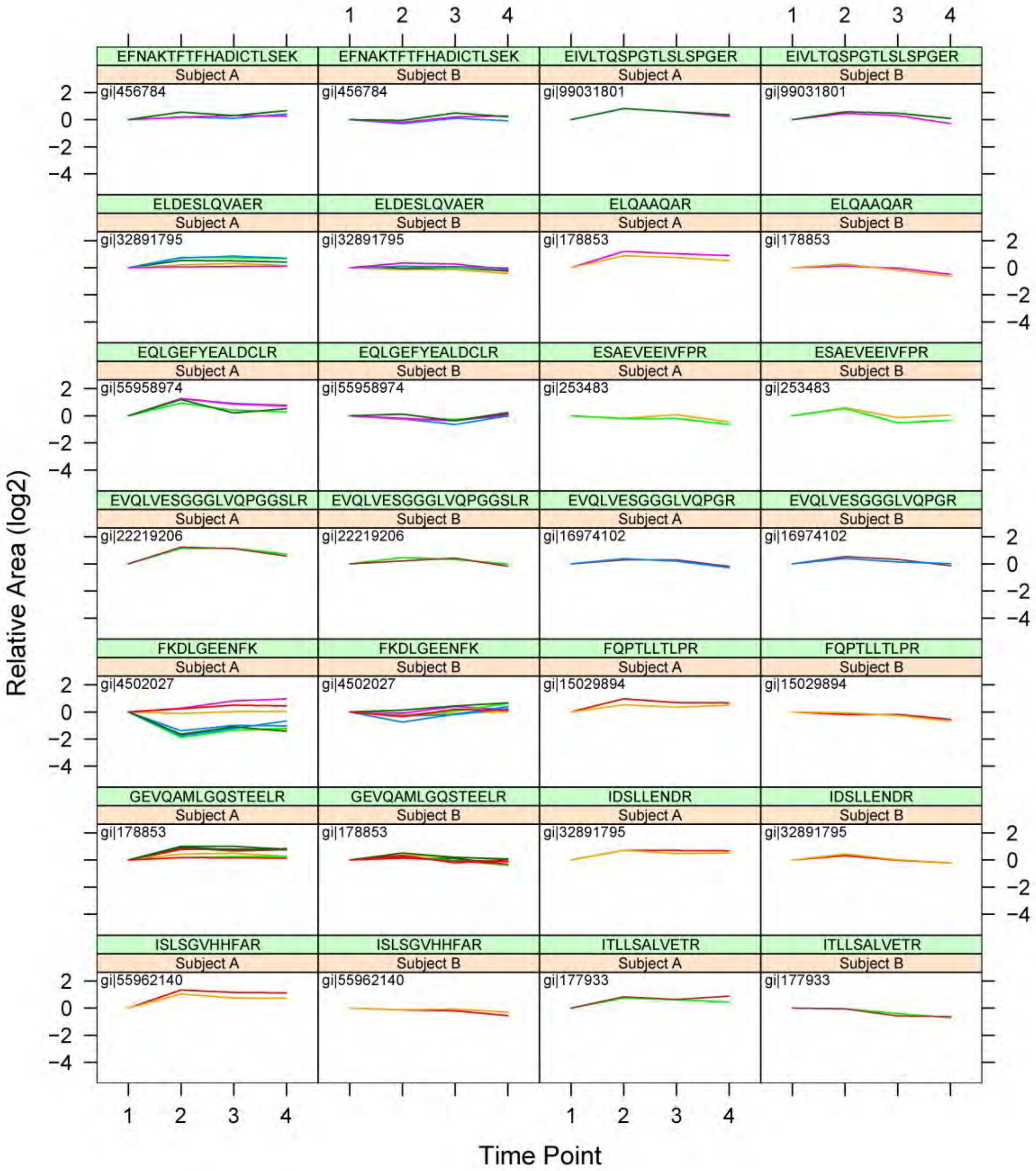
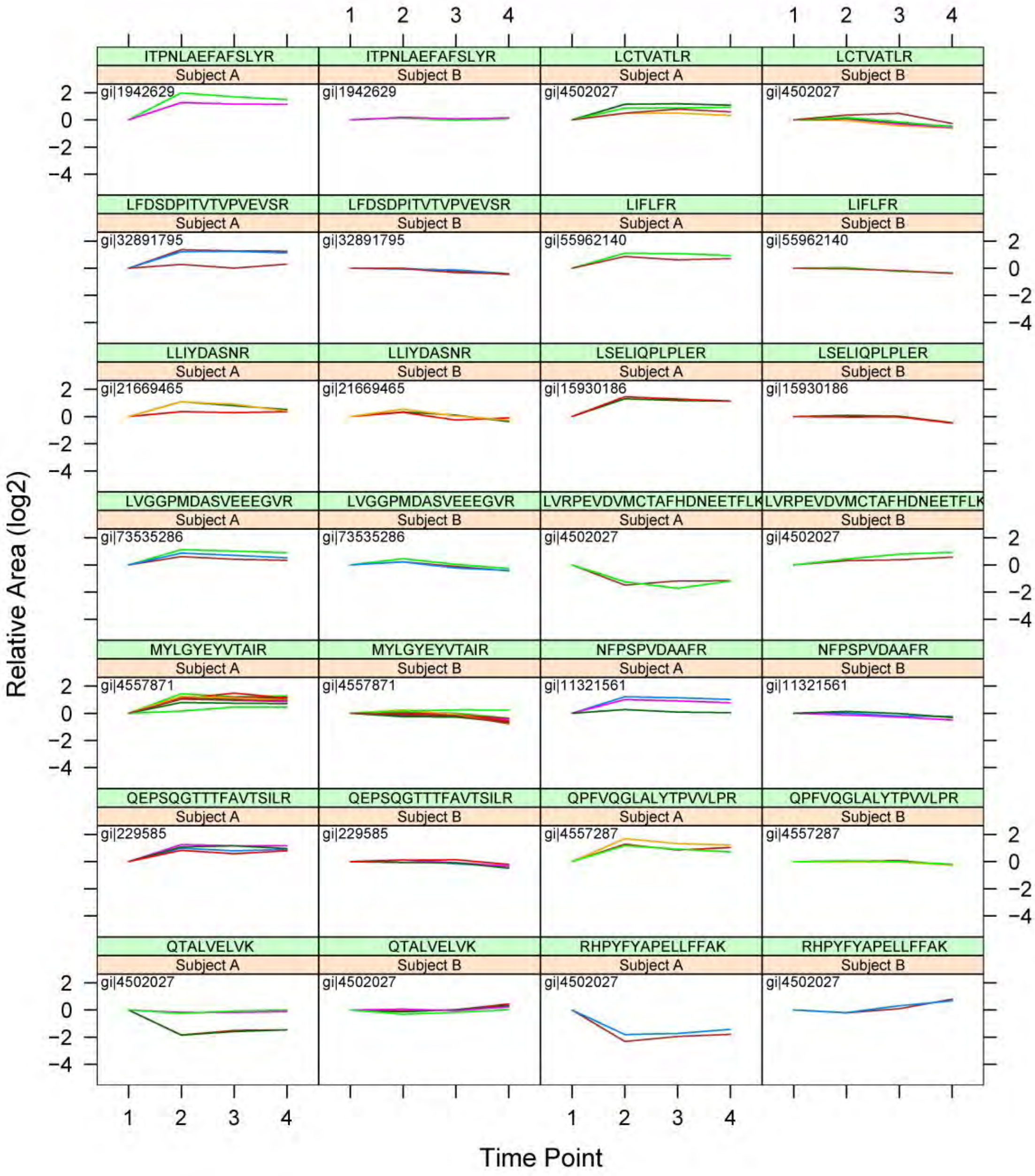
Supplementary Information related to LME analysis.
Choe et al

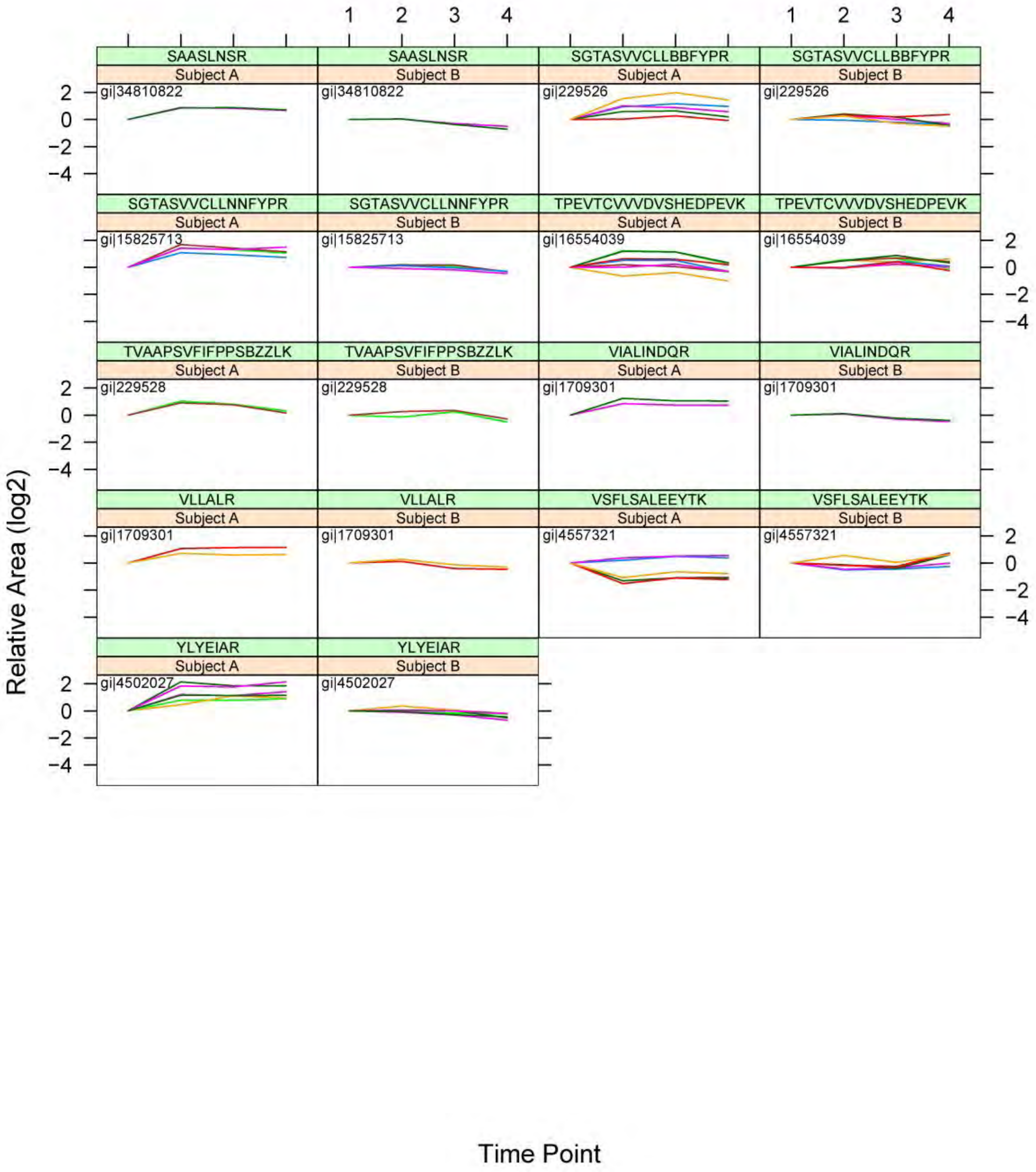
These are plots of changes in relative expression of particular peptides versus time for subjects A and B. The patterns are grouped by peptide sequence and the corresponding accession number is shown. Only those peptides shown were found to be significant by the LME model (Table 4). Note that the colors within each plot simply represent individual peptides and are used for clarity of presentation. There is no correlation of these colors with the colors used in the visualization tool presented in Figure 3 of the manuscript. The vertical axis is a log base 2 representation of the expression change.

The plots are presented on the following pages.


Relative Area (log2)
Time Point
1 2 3 4
2 0 −2 −4
AATVGSLAGQPLQER
Subject A
gi|178853
AATVGSLAGQPLQER
Subject B
gi|178853
ADDKETCFAEEG
Subject A
gi|55669910
ADDKETCFAEEG
Subject B
gi|55669910
ADDKETCFAEEGK
Subject A
gi|4502027
ADDKETCFAEEGK
Subject B
gi|4502027
AEFAEVSK
Subject A
gi|4502027
AEFAEVSK
Subject B
gi|4502027
AQGFTEDTIVFLPQTDK
Subject A
gi|55962673
AQGFTEDTIVFLPQTDK
Subject B
gi|55962673
ASSIIDELFQDR
Subject A
gi|32891795
ASSIIDELFQDR
Subject B
gi|32891795
AVMDDFAAFVEK
Subject A
gi|4502027
AVMDDFAAFVEK
Subject B
gi|4502027
CCTESLVNR
Subject A
gi|4502027
CCTESLVNR
Subject B
gi|4502027
DSGFQMNQLR
Subject A
gi|4557871
DSGFQMNQLR
Subject B
gi|4557871
DTEEEDFHVDQVTTVK
Subject A
gi|1942629
DTEEEDFHVDQVTTVK
Subject B
gi|1942629
DTLMISR
Subject A
gi|16554039
DTLMISR
Subject B
gi|16554039
DVFLGMFLYEYAR
Subject A
gi|4502027
DVFLGMFLYEYAR
Subject B
gi|4502027
DYELLCLDGTR
Subject A
gi|4557871
DYELLCLDGTR
Subject B
gi|4557871
EFNAETFTFHADICTLSEK
Subject A
gi|4502027
EFNAETFTFHADICTLSEK
Subject B
gi|4502027


Relative Area (log2)
Time Point
1
2
3
4
2
0
−2
−4
EFNAKTFTFHADICTLSEK
Subject A
gi|456784
EFNAKTFTFHADICTLSEK
Subject B
gi|456784
EIVLTQSPGTLSLSPGER
Subject A
gi|99031801
EIVLTQSPGTLSLSPGER
Subject B
gi|99031801
ELDESLQVAER
Subject A
gi|32891795
ELDESLQVAER
Subject B
gi|32891795
ELQAAQAR
Subject A
gi|178853
ELQAAQAR
Subject B
gi|178853
EQLGEFYEALDCLR
Subject A
gi|55958974
EQLGEFYEALDCLR
Subject B
gi|55958974
ESAEVEEIVFPR
Subject A
gi|253483
ESAEVEEIVFPR
Subject B
gi|253483
EVQLVESGGGLVQPGGSLR
Subject A
gi|22219206
EVQLVESGGGLVQPGGSLR
Subject B
gi|22219206
EVQLVESGGGLVQPGR
Subject A
gi|16974102
EVQLVESGGGLVQPGR
Subject B
gi|16974102
FKDLGEENFK
Subject A
gi|4502027
FKDLGEENFK
Subject B
gi|4502027
FQPTLLTLPR
Subject A
gi|15029894
FQPTLLTLPR
Subject B
gi|15029894
GEVQAMLGQSTEELR
Subject A
gi|178853
GEVQAMLGQSTEELR
Subject B
gi|178853
IDSLLENDR
Subject A
gi|32891795
IDSLLENDR
Subject B
gi|32891795
ISLSGVHHFAR
Subject A
gi|55962140
ISLSGVHHFAR
Subject B
gi|55962140
ITLLSALVETR
Subject A
gi|177933
ITLLSALVETR
Subject B
gi|177933


Relative Area (log2)
Time Point
1
2
3
4
2
0
−2
−4
ITPNLAEFAFSLYR
Subject A
gi|1942629
ITPNLAEFAFSLYR
Subject B
gi|1942629
LCTVATLR
Subject A
gi|4502027
LCTVATLR
Subject B
gi|4502027
LFDSDPITVTVPVEVSR
Subject A
gi|32891795
LFDSDPITVTVPVEVSR
Subject B
gi|32891795
LIFLFR
Subject A
gi|55962140
LIFLFR
Subject B
gi|55962140
LLIYDASNR
Subject A
gi|21669465
LLIYDASNR
Subject B
gi|21669465
LSELIQPLPLER
Subject A
gi|15930186
LSELIQPLPLER
Subject B
gi|15930186
LVGGPMDASVEEEGVR
Subject A
gi|73535286
LVGGPMDASVEEEGVR
Subject B
gi|73535286
LVRPEVDVMCTAFHDNEETFLK
Subject A
gi|4502027
LVRPEVDVMCTAFHDNEETFLK
Subject B
gi|4502027
MYLGYEYVTAIR
Subject A
gi|4557871
MYLGYEYVTAIR
Subject B
gi|4557871
NFPSPVDAAFR
Subject A
gi|11321561
NFPSPVDAAFR
Subject B
gi|11321561
QEPSQGTTTFAVTSILR
Subject A
gi|229585
QEPSQGTTTFAVTSILR
Subject B
gi|229585
QPFVQGLALYTPVVLPR
Subject A
gi|4557287
QPFVQGLALYTPVVLPR
Subject B
gi|4557287
QTALVELVK
Subject A
gi|4502027
QTALVELVK
Subject B
gi|4502027
RHPYFYAPELLFFAK
Subject A
gi|4502027
RHPYFYAPELLFFAK
Subject B
gi|4502027



Relative Area (log2)
Time Point
1
2
3
4
2
0
−2
−4
SAASLNSR
Subject A
gi|34810822
SAASLNSR
Subject B
gi|34810822
SGTASVVCLLBBFYPR
Subject A
gi|229526
SGTASVVCLLBBFYPR
Subject B
gi|229526
SGTASVVCLLNNFYPR
Subject A
gi|15825713
SGTASVVCLLNNFYPR
Subject B
gi|15825713
TPEVTCVVVDVSHEDPEVK
Subject A
gi|16554039
TPEVTCVVVDVSHEDPEVK
Subject B
gi|16554039
TVAAPSVFIFPPSBZZLK
Subject A
gi|229528
TVAAPSVFIFPPSBZZLK
Subject B
gi|229528
VIALINDQR
Subject A
gi|1709301
VIALINDQR
Subject B
gi|1709301
VLLALR
Subject A
gi|1709301
VLLALR
Subject B
gi|1709301
VSFLSALEEYTK
Subject A
gi|4557321
VSFLSALEEYTK
Subject B
gi|4557321
YLYEIAR
Subject A
gi|4502027
YLYEIAR
Subject B
gi|4502027