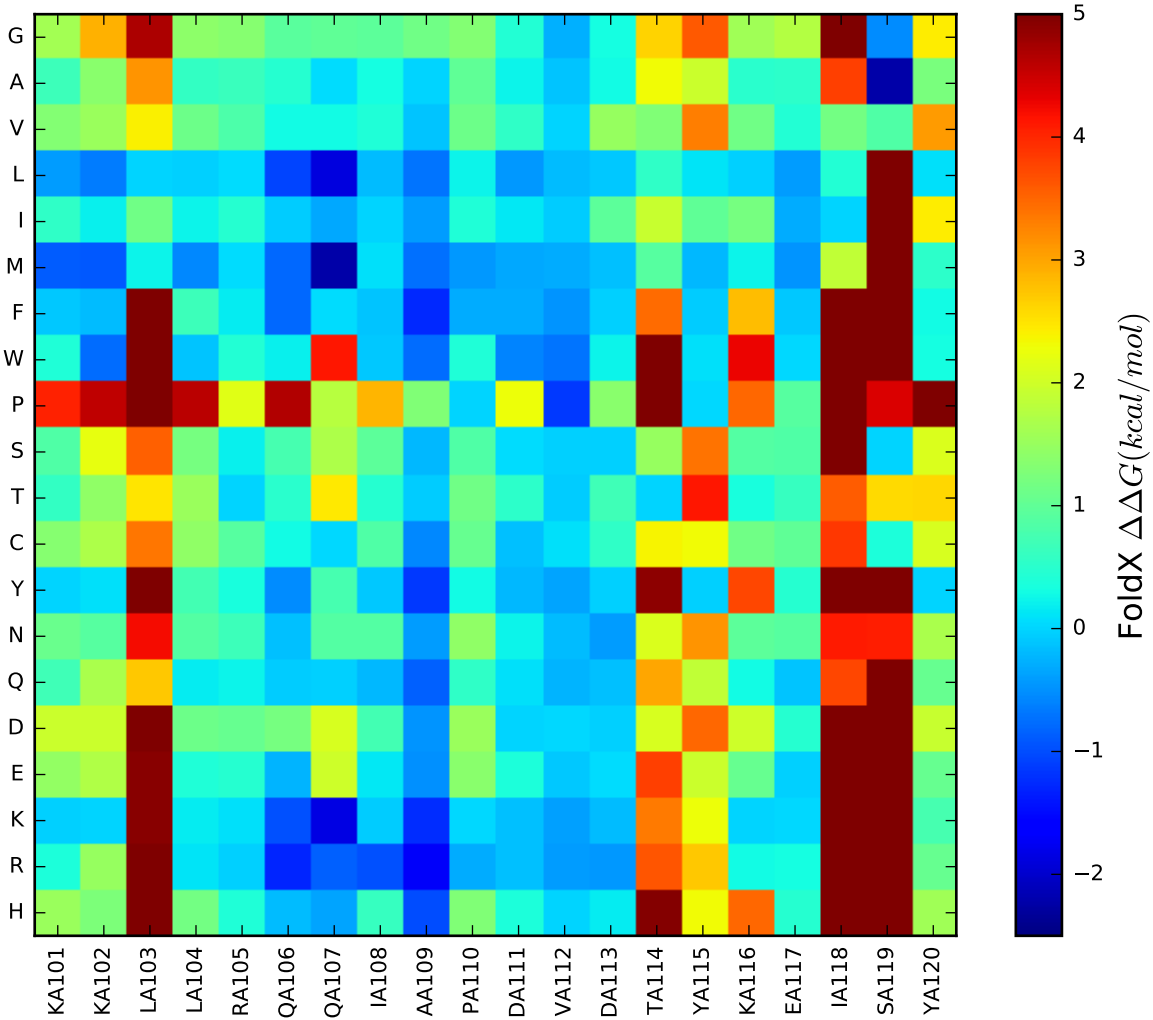
G
A
V
L
I
M
F
W
P
S
T
C
Y
N
Q
D
E
K
R
H
KA101
KA102
LA103
LA104
RA105
QA106
QA107
IA108
AA109
PA110
DA111
VA112
DA113
TA114
YA115
KA116
EA117
IA118
SA119
YA120
5
4
3
2
1
0
−1
−2
FoldX $\Delta\Delta G(kcal/mol)$