

Additional file 6

File format: DOC

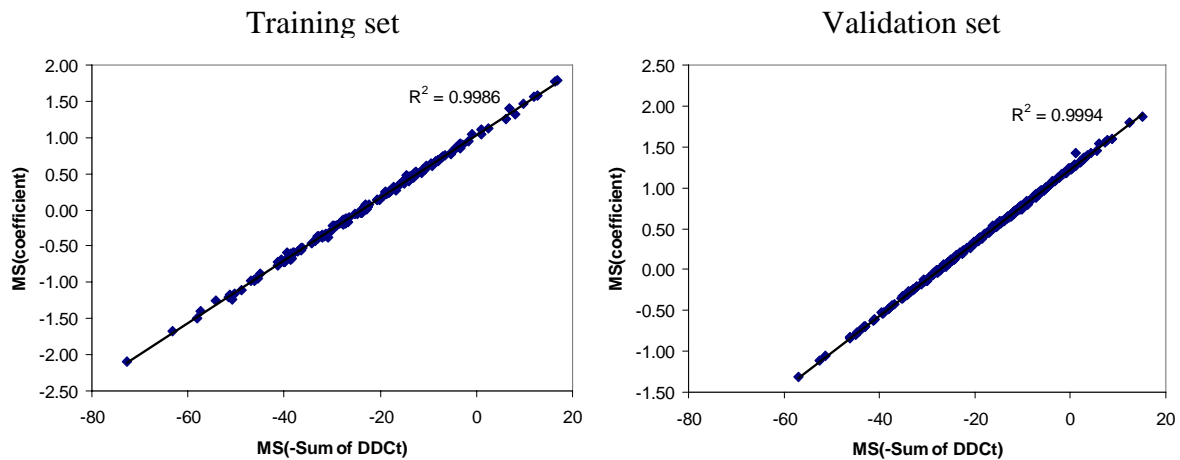
Title: Coefficients of the 14 genes in the principle component

Description:

Gene	ai
DC13	0.22
DIAPH3	0.23
CCNB1	0.23
RFC4	0.25
PRR11	0.26
UBE2S	0.27
TK1	0.27
BUB1	0.27
ORC6L	0.28
CENPA	0.29
MELK	0.29
MYBL2	0.29
PKMYT1	0.29
RACGAP1	0.29

ai = loadings on the first principal component

Correlation of MS calculated by using regression coefficient versus sum of 14 $\Delta\Delta Ct$



Near perfect correlations, $R^2 = 0.9986$ and 0.9994 , were observed for the MS calculated by applying regression coefficient versus the sum of the 14 $\Delta\Delta Ct$ measurements for each subject in the training and validation set, respectively.