FR [60 40]% - Q [ 40 60 80 100 120]W - alpha [90 30 60] - beta [0] - DI Water FR60[%] Q40[W] A[90] B[0] DI Water TR[K/W] vs dG[KJ/mol] FR60[%] Q40[W] A[30] B[0] DI Water TR[K/W] vs dG[KJ/mol] 300 FR60[%] Q40[W] A[60] B[0] DI Water TR[K/W] vs dG[KJ/mol] FR60[%] Q60[W] A[90] B[0] DI Water TR[K/W] vs dG[KJ/mol] 060[W] A[30] B[0] DI Water TR[K/W] vs dG[KJ/mol] 660[v]\_A[60]\_B[0]\_DI\_Water\_TR[K/W]\_vs\_dG[KJ/mol] 200 **%[ 0**80[W] A[90] B[0] DI Water TR[K/W] vs dG[KJ/mol] [%] Q80[W] A[30] B[0] DI Water TR[K/W] vs\_dG[KJ/mol] Q80[W]\_A[60]\_B[0]\_DI\_Water\_TR[K/W]\_vs\_dG[KJ/mol] 1100[W]\_A[90]\_B[0]\_DI\_Water\_TR[K/W]\_vs\_dG[KJ/mol] 100 dG[KJ/mol] /c| Q100fW]\_A[30]\_B[0]\_DI\_Water\_TR[K/W]\_vs\_dG[KJ/mol] 6 0100[W]\_A[60]\_B[0]\_DI\_Water\_TR[K/W]\_ve\_df6[K]/mol] R60[%]\_Q120[\\] A[90] B[0] D| Water\_[R[K/W] vs\_dG[KJ/mol] FR60[%] Q120[W] A[30] B[0] DI Water TR[K/W] vs dG[KJ/mol] FR60[%]\_Q120[W]\_A[60]\_B[0]\_DI\_Water\_TR[K/W]\_vs\_dG[KJ/mol] FR40[%]\_Q40[W]\_A[90]\_B[0]\_DI\_Water\_TR[K/W]\_vs\_dG[KJ/mol] FR40[%] Q60[W] A[90] B[0] DIA -100Vater\_TR[K/W]\_vs\_dG[KJ/mol] Water TR[K/W] vs dG[KJ/mol] FR40[%] Q120[W] A[90] DI Water TR[K/W] vs dG[KJ/mol] -2000.0 0.2 0.4 0.6 8.0 1.0 1.2

TR[K/W]