Simulation of Kidney-ChRCC fullRE DMSL SBS2 Observed.early Simulated.early Observed.late Simulated.late 0.50 0.25 -0.00 --0.25 **-**0.0 0.2 0.4 0.6 0.8 0.0 0.2 0.4 0.6 0.8 0.0 0.2 0.4 0.6 0.8 0.0 0.2 0.4 0.6 0.8 pca.PC1 Simulation of Kidney-ChRCC diagRE_DMDL SBS2 Observed.early Simulated.early Observed.late Simulated.late

0.6

0.4

0.2

0.0

0.20

0.15

0.10

0.05

0.00

