Scaling efficiency cpus = 2cpus = 4cpus = 8cpus = 16cpus = 32cpus = 1dataset = panacea 3 kCs/op seed = 01 kCs/op Total CPU time per base operation (lower is better) 300Cs/op dataset = panacea 3 kCs/op seed = 11 kCs/op Software 1 grb thread 300Cs/op 16 grb threads 2 grb threads dataset = panacea 4 grb threads 3 kCs/op 8 grb threads seed = 2鹵 1 kCs/op 300Cs/op 3 kCs/op seed = 31 kCs/op

dataset = panacea 300Cs/op 900950 pmt4p05lo\$00P5lo\$0pmt4p05lo\$00P5lo\$0pmt4p05lo\$0pmt4ppt4p05lo\$0pmt4pp Problem size in basic operations