BCL002: Phylogenetic clustering of sample types BCL003: Phylogenetic clustering of sample types Observed Observed p = 0.2p = 0.0519 -requency 400 200 -0.000050.00015 0.00005 -1e-04 2e-04 Phi statistic Phi statistic BCL004: Phylogenetic clustering of sample types **BCL006: Phylogenetic clustering of sample types** 1500 Observed Observed 1500 p = 0.141000 p = 0.24Frequency 200 500 0e+00 -1e-04 0e+00 2e-04 3e-04 2e-04 4e-04 6e-04 Phi statistic Phi statistic BCL009: Phylogenetic clustering of sample types BCL008: Phylogenetic clustering of sample types 1200 Observed Observed p = 0.72p = 0.017800 009 Frequency 200 0.3332 0.3336 0.3332 0.3335 0.3334 0.3333 0.3334 Phi statistic Phi statistic