PCA of existing and new exchangeability Matrices 10 5 O_{TV} WAG PC2 (15.75% Variance Explained) Blosum62 Matrix type chloroplast Q.iridovirida mitochondrial mtVer new nuclear mtREV taxon-specific rtREV mtMAM viral -10 mtART -15-20-1010 PC1 (38.83% Variance Explained)