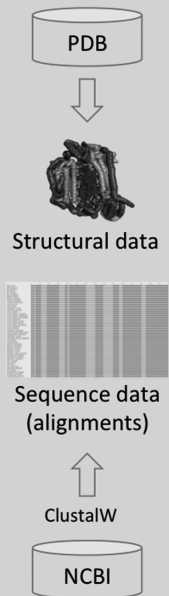
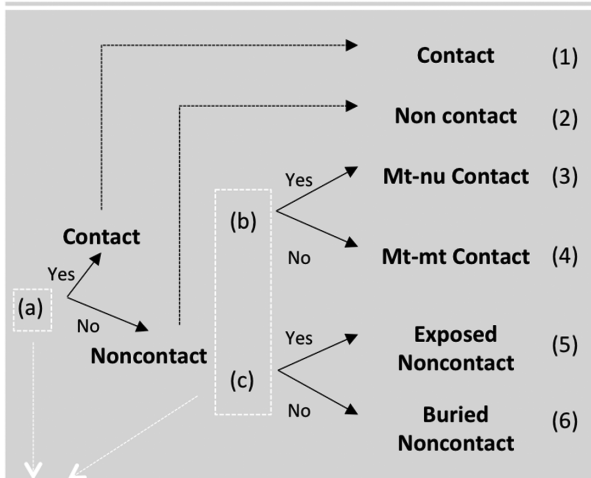


Data collection



Codon sorting



Classification
criteria

- (a) Is the encoded residue in close contact ($<4\text{\AA}$) with residues from a different chain?
- (b) Does the encoded residue contact with a residue encoded by a different genome?
- (c) Is the encoded residue exposed at the protein surface?

PAML//MEGA

$\Sigma dN_1 // RER_1$
$\Sigma dN_2 // RER_2$
$\Sigma dN_3 // RER_3$
$\Sigma dN_4 // RER_4$
$\Sigma dN_5 // RER_5$
$\Sigma dN_6 // RER_6$

Statistics

Are these results significantly different from random?