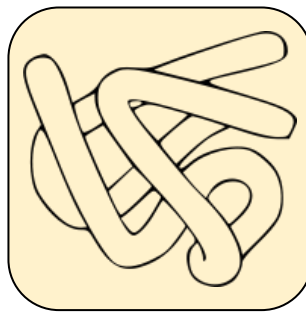


Protein 1 Graph



Protein 2 Graph

Pre-Merge (Leg 1)

Pre-Merge (Leg 2)

Merge

Residue
Representation

R1
R2
R3
⋮

R1
R2
R3
⋮

Residue Pair
Representation

R1	R1
R2	R1
R3	R1
R1	R2
R2	R2
R3	R2
R1	R3
R2	R3
R3	R3
⋮	⋮

Fully-
Connected

Classification