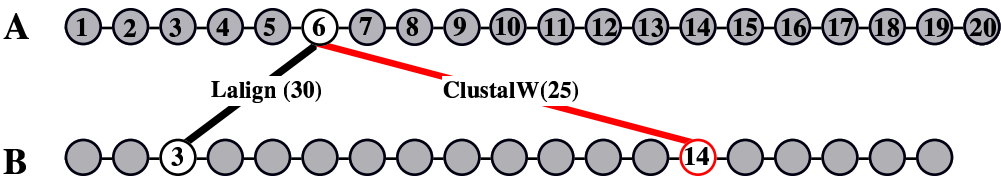


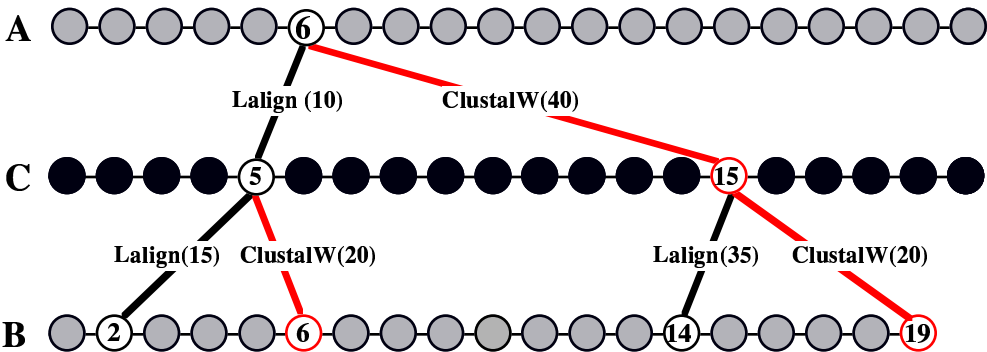
a)Signal Addition: Computation of the primary weights.

Primary Library		
Res. 1	Res. 2	Weight
A(6)	B(3)	30
A(6)	B(14)	25



b)Extension: Alignment of A and B through sequence C.

Res. 1	Res. 2	Weight
A(6)	B(2)	10=min(10,15)
A(6)	B(6)	10=min(10,20)
A(6)	B(14)	35=min(40,35)
A(6)	B(19)	20=min(40,20)



c) Combination: Position Specific Scoring Scheme for A and B using information from sequence A, B and C.

Extended Library		
Res. 1	Res. 2	Weight
A(6)	B(2)	10
A(6)	B(3)	30
A(6)	B(6)	10
A(6)	B(14)	<u>60=25+35</u>
A(6)	B(19)	20

