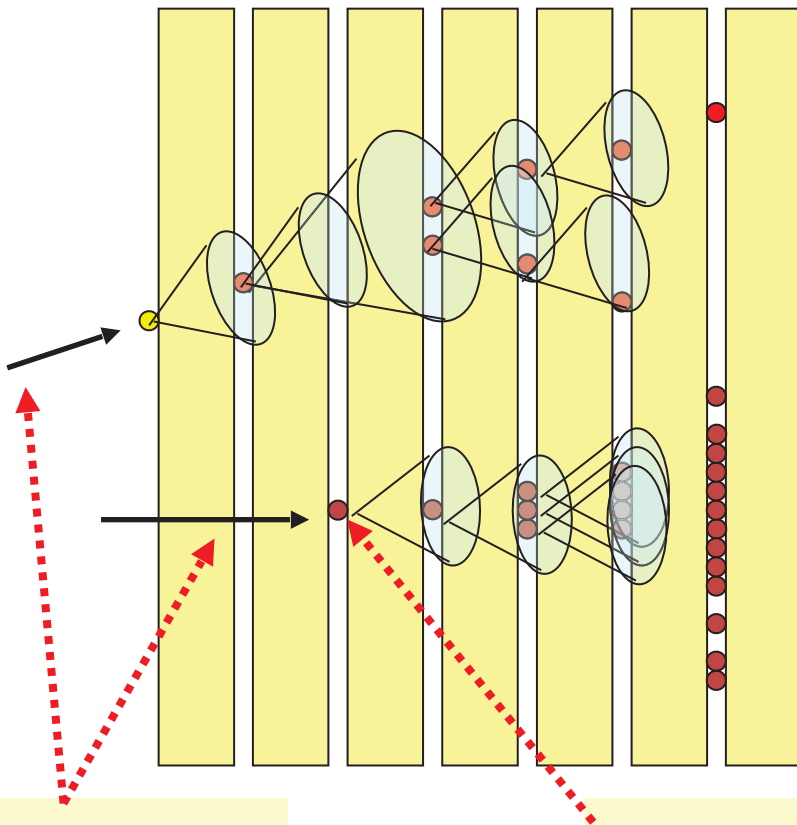0 1 2 3 4 5 6

Initial cluster direction

Unmatched hit seeds new cluster