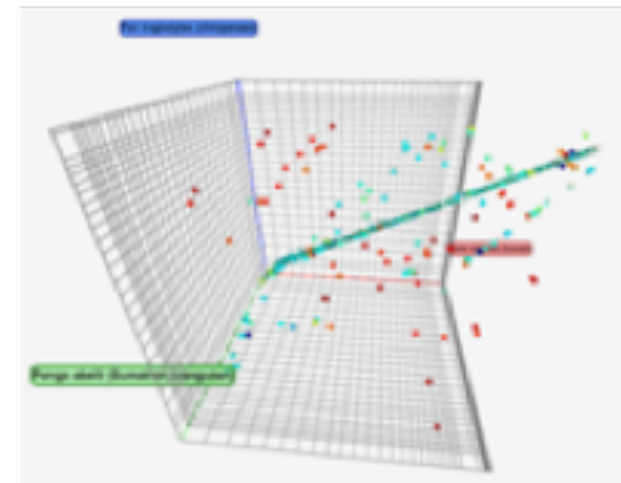
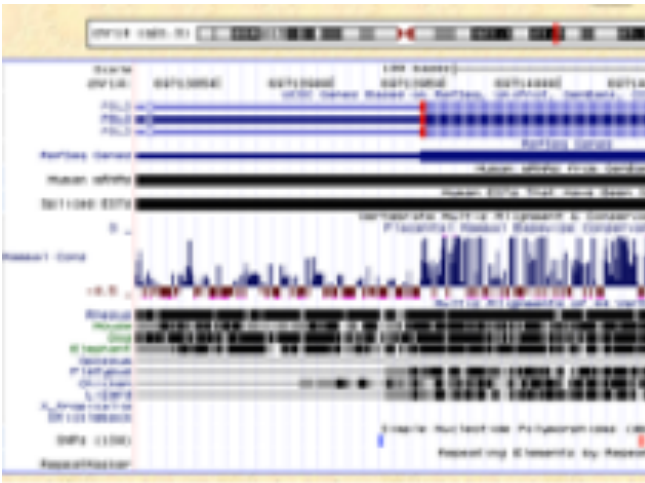


Computational Genomics

Advanced BLAST In Galaxy

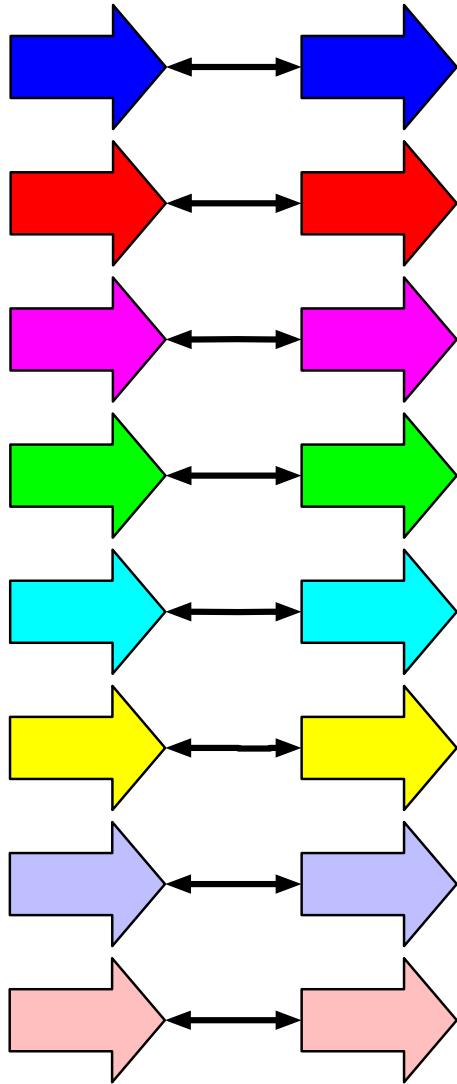


Advanced BLAST in Galaxy

Using Reverse-Blast-Hit (RBH) Algorithm

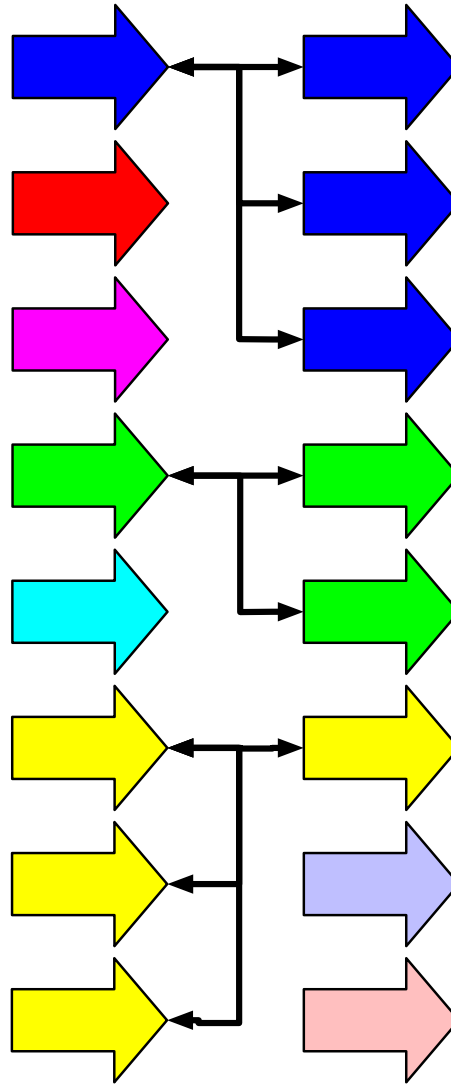
Datasets Relationships

Proteome A Proteome B



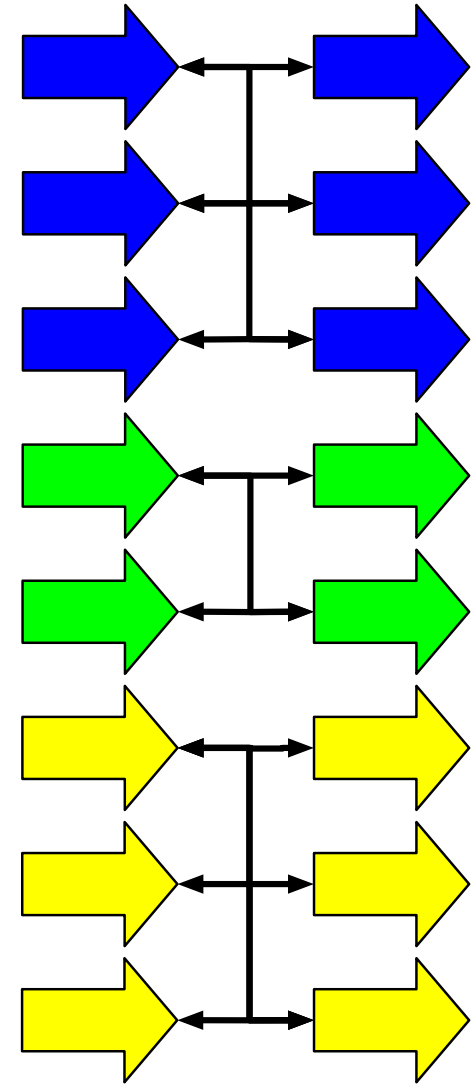
One to One

Proteome A Proteome B



One to Many

Proteome A Proteome B



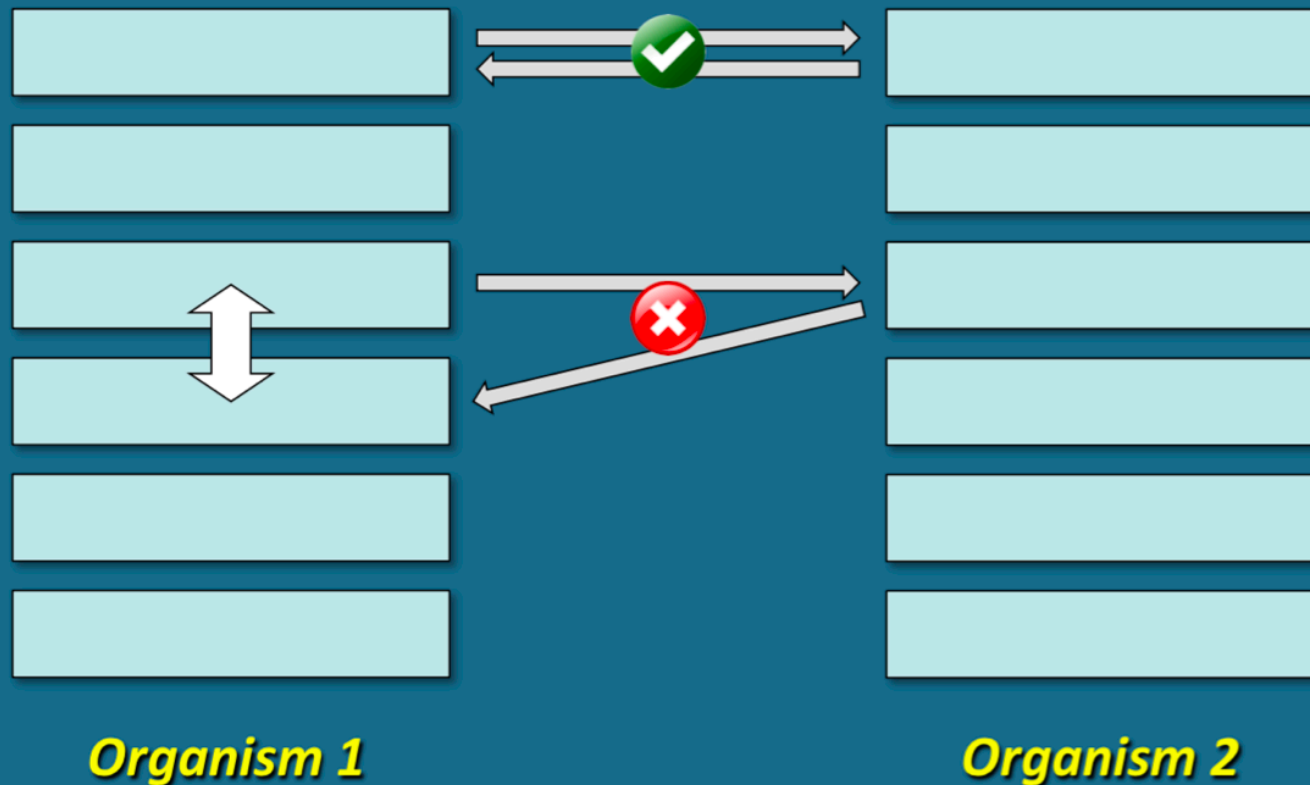
Many to Many

Advanced BLAST in Galaxy

Using Reverse-Blast-Hit (RBH) Algorithm

Reverse-BLAST-Hit Basic Logic

Identifying Candidate Orthologs: Reciprocal Best Hits



Advanced BLAST in Galaxy

Using Reverse-Blast-Hit (RBH) Algorithm

Datasets Relationships

RBH Logic: Identity vs Coverage

