

Zebrafish genome

Zebrafish protein-coding genes

Six-frame TblastN to get rough position

GeneWise realignment to define gene structure

Fasty to find the parental gene

Genewise between
parental protein and parentalgene

Genewise between
parental protein and retrogene

With intron lost

no

Homologs or
paralogs

YES

Solid retrocopies(652)

Stop codon or
frameshift

no

Intact
retrogenes(440)

YES

Retropseudogenes
(212)

