

Name: Holliday junction DNA helicase RuvB

Function: This protein makes up part of the RuvABC revolvosome which catalyses the resolution of Holliday junctions that arise during genetic recombination and DNA repair.

Gene Ontology:

Molecular function: ATP binding; DNA binding; four-way junction helicase activity.

Biological Process: DNA recombination; DNA repair; SOS response.

Source: This protein has a Swissprot number P96115.2 on NCBI page. All the information was compared with the information from Uniprot using the Swissprot number described before with an annotation score 3 of 5. All the information from NCBI matches with Uniprot.