

## Physical model

Figure 2. Physical model describing a MySQL relational database containing Genbank data fields describing protein coding genes.

CDS = coding DNA sequence; acc\_no = accession number; chrom\_loc = chromosomal location; locus\_seq = Genbank record DNA sequence; gene\_id = name of gene feature; gene\_span = gene sequence span; cds\_span = CDS span; cds\_map = list of CDS elements comprising CDS span; prot\_name; PK = Primary Key; FK = Foreign Key  
Sequence spans are expressed as a range of base numbers.

