



Renal GO Annotation Initiative

Providing full GO annotation to proteins associated with renal development, function and disease processes

Newsletter October 2011

Welcome to the 10th quarterly Newsletter highlighting the progress of the Renal GOA Initiative.

Renal target list

The list of renal curation targets now comprises 2,500 distinct renal-related proteins which include human, murine and other mainly mammalian orthologues. The current GO annotations for all the proteins that have been tagged with the acronym 'KRUK' can be viewed using the EBI's GO browser QuickGO (<http://www.ebi.ac.uk/QuickGO/GAnnotation?protein=KRUK>).

Protein annotation

To date, since 1st April 2009, this initiative has associated 27,567 GO terms to 1,950 distinct UniProtKB proteins from the prioritized renal-related list. Of these, 718 prioritized proteins have been comprehensively annotated using GO terms. The main focus of annotation over the last 3 months has been renal targets that are transcription factors involved in renal development and function.

Gene Ontology development

New GO terms are continuously being created, when required, to describe the functions and processes of the renal target gene products. The UniPathway2GO mapping is also ongoing and this involves the creation of new GO terms to describe the manually curated metabolic pathways represented by the UniPathway resource for the UniProtKB Knowledgebase.

Meetings:

I attended the Kidney Research UK Fellows Day which was held at the Royal Society in Edinburgh on 12-13th September 2011.

I will be giving a presentation on 'Life as a database curator' at the EBI Open Day for MSc/ PhD students on 1st November 2011.

I will be attending the GO Consortium Meeting which will be held at UCL, London on 7th - 9th November 2011.

Renal interest mailing list

Just a reminder that you can sign up to the renal interest mailing list (renal@ebi.ac.uk) which is low traffic and a more convenient way of sending out information relating to the Renal GOA Initiative. The list can also be used for discussion of any issues and suggestions for annotation improvements relating to the initiative. So, if interested, please sign up at <http://listserver.ebi.ac.uk/mailman/listinfo/renal>.

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