

Data Migration from ResNet[®] 6 Mammalian Database to ResNet[®] 7 for Pathway Studio 7, Desktop Edition

Recommendations to Customers

The ResNet 7 Mammalian Data is a significant upgrade from the ResNet 6 database. This completely rebuilt ResNet 7 database incorporates Ariadne's latest generation of literature extraction technology and has been curated utilizing our proprietary technology to reduce redundancy and improve usability of the database. The database incorporates updated EntrezIDs and includes new additional annotation to provide more entity IDs for easier mapping as well as new Ariadne Ontology groups. In addition to Ariadne's Signaling and Cellular Process pathways, a new collection of metabolic reference pathways is now provided.

Additionally, Ariadne has expanded support for microRNA research in Pathway Studio 7 and introduced new predicted relationships as well as extending the entities recognized and relationships recovered with MedScan Technology. Because Ariadne plans further expansion of this support, the microRNA is being provided as a supplement to the ResNet Mammalian Database.

In order to take full advantage of these updates, it is recommended that Pathway Studio[®] Desktop users install ResNet 7.0 as a fresh installation on their local PC, export their custom pathways and groups from ResNet 6, and import them into ResNet 7.

Please perform the following steps to migrate your data to the new ResNet 7.0 database:

1. Export any entities, groups, and pathways that have been modified or created from the ResNet 6.0 database in RNEF format prior to deactivating the Pathway Studio 6 installation. Then, import these items into the ResNet 7.0 database after activating your Pathway Studio 7 installation.
2. Any experimental data imported into the Pathway Studio 6.0 installation will need to be re-imported into Pathway Studio 7. Due to changes in the way this data is stored, it is not possible to migrate it.

Considerations:

Ariadne cannot offer any straightforward procedure to capture and migrate data additions made to the ResNet 6.0 Mammalian database through performing MedScan[®] Reader searches of PubMed, however, ResNet 7.0 will contain updated PubMed information (so most, if not all, of this information will be included in this updated database). Nonetheless, if other literature sources have been processed with MedScan Reader, those steps will need to be repeated to incorporate that data into ResNet 7.0.

Ariadne has provided a method to "convert" the ResNet 6 database into a ResNet 7 compatible format through a one-way migration process, *however this process is not recommended*. To do this, simply open the ResNet 6 database and accept the offer to "migrate" the database. Once accepted, this process cannot be reversed. Users of a migrated ResNet 6 database will not have the benefit of the entire manual clean up in the ResNet 7 database, nor will they have access to new pathways, Entrez Gene, and Ariadne Ontology updates.

If you have questions or concerns about migrating your data to the Pathway Studio 7/ResNet 7 format, please contact a technical support representative.

Ariadne Technical Support

Call Monday – Friday 9:00 am – 5:00 pm, Eastern Time (GMT -5:00)

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