

How to fix corrupted files.

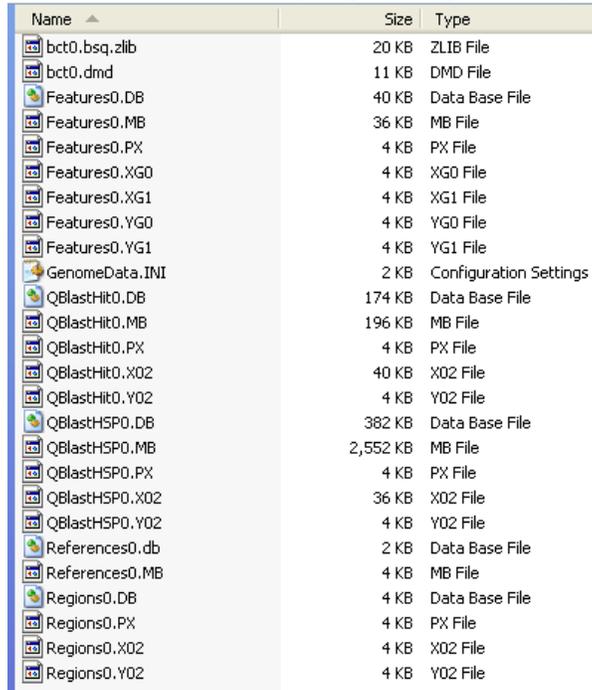
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Your DNA Master file is broken because it is missing some of the files that make up the whole archive. You can fix your file by unpacking the .dnam5 archive, pasting in blank version of the missing files, and then repacking the archive.

First: Create a folder to unpack the broken .dnam5 file into.

1. Create a Folder on your desktop (or location of your choice with access to DNA Master).
2. In DNA Master, Go to File ->Utilities
3. A directory window will open, choose the corrupted file.
4. You will be directed to browse for a folder. Select the one you just made on your Desktop and click OK.
5. Open that folder. It should contain 26 files (but probably doesn't).



Name	Size	Type
bct0.bsq.zlib	20 KB	ZLIB File
bct0.dmd	11 KB	DMD File
Features0.DB	40 KB	Data Base File
Features0.MB	36 KB	MB File
Features0.PX	4 KB	PX File
Features0.XG0	4 KB	XG0 File
Features0.XG1	4 KB	XG1 File
Features0.YG0	4 KB	YG0 File
Features0.YG1	4 KB	YG1 File
GenomeData.INI	2 KB	Configuration Settings
QBlastHit0.DB	174 KB	Data Base File
QBlastHit0.MB	196 KB	MB File
QBlastHit0.PX	4 KB	PX File
QBlastHit0.X02	40 KB	X02 File
QBlastHit0.Y02	4 KB	Y02 File
QBlastHSP0.DB	382 KB	Data Base File
QBlastHSP0.MB	2,552 KB	MB File
QBlastHSP0.PX	4 KB	PX File
QBlastHSP0.X02	36 KB	X02 File
QBlastHSP0.Y02	4 KB	Y02 File
References0.db	2 KB	Data Base File
References0.MB	4 KB	MB File
Regions0.DB	4 KB	Data Base File
Regions0.PX	4 KB	PX File
Regions0.X02	4 KB	X02 File
Regions0.Y02	4 KB	Y02 File

Second: Identify the missing files

6. Identify the files that you are missing by opening up the folder that contains blank version of all of these files and comparing between the two. This folder is found here: Program files -> DNA Master -> DMDB ->Blank Genome
In this folder there are 16 files (see below). All of the files in this folder should be represented in your unpacked folder of your corrupted file. However, the names are slightly different: instead of a file named Features0.DB, as it is in your folder, the file is labeled Features.DB in the blank folder. This is true for all of the files listed.

Features.DB	4 KB	Data Base File
Features.MB	4 KB	MB File
Features.PX	4 KB	PX File
Features.VAL	1 KB	VAL File
Features.XG0	4 KB	XG0 File
Features.XG1	4 KB	XG1 File
Features.YG0	4 KB	YG0 File
Features.YG1	4 KB	YG1 File
References.db	2 KB	Data Base File
References.MB	4 KB	MB File
References.VAL	1 KB	VAL File
Regions.DB	4 KB	Data Base File
Regions.PX	4 KB	PX File
Regions.VAL	1 KB	VAL File
Regions.X02	4 KB	X02 File
Regions.Y02	4 KB	Y02 File

Third: Replace and rename the missing files

7. You will need to replace the missing files in your new folder by copying the missing ones from the blank genome folder, pasting into your folder, and changing the names appropriately (adding that "0" where appropriate). Do not remove any files from the blank folder. Copy only! Do not add any extra files other than the missing ones.

Fourth: Repack the .dnam5 archive.

8. When you are satisfied you have added back all missing files, go the DNA Master -> file -> select the directory to pack files ->name the .dnam5 file -> OK.
9. Open the new file in DNA Master. All data should be rebuilt.