

## Familias videos (English and Spanish)

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Familias 3 along with documentation can be downloaded [here](#). The exercises demonstrated are [available](#) as well as a zipped folder with [input files](#). Some videos cover topics not addressed in exercises. While version 3 is the recommended version, Familias 2 (same as 1.97) remains [available](#) and below videos for Familias 3 are followed by older ones for Familias 2.

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## Excercise 1

Title: Exercise1 Familias3

Description: A simple paternity case used to introduce Familias 3.

Duration: 0:13:25

Type	Size	Link
PC (Flash)	27.3 MB	<a href="#">View...</a>
IPAD	22.9 MB	<a href="#">View...</a>
Mobile	12.6 MB	<a href="#">View...</a>
Sound (MP3)	7.71 MB	<a href="#">View...</a>

## Introduction to Familias 3 (Spanish)

Title: Intro\_Familias3\_Spanish

Description: Description Not Provided.

Duration: 0:34:59

Type	Size	Link
PC (Flash)	39.7 MB	<a href="#">View...</a>
IPAD	35.4 MB	<a href="#">View...</a>
Mobile	22.7 MB	<a href="#">View...</a>
Sound (MP3)	20.0 MB	<a href="#">View...</a>

## Simplified transfer of data from GeneMapper to Familias (3 and 1.97)

Title: [GeneMapperToFamilias](#)

Description: Made by Antonio Vozmediano, a.vozme@hotmail.es and Lourdes Prieto, lourditasmt@gmail.com.

Duration: 0:10:46

Type	Size	Link
PC (Flash)	23.1 MB	<a href="#">View...</a>
IPAD	19.2 MB	<a href="#">View...</a>
Mobile	10.2 MB	<a href="#">View...</a>
Sound (MP3)	6.22 MB	<a href="#">View...</a>

## DVI tutorial Familias 3

Title: DVIEx1Familias

Description: A very small DVI case is presented.

Duration: 0:08:39

Type	Size	Link
PC (Flash)	12.6 MB	<a href="#">View...</a>
IPAD	10.3 MB	<a href="#">View...</a>
Mobile	6.45 MB	<a href="#">View...</a>
Sound (MP3)	5.01 MB	<a href="#">View...</a>

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## Exercise 9 Familias 3

Title: Exercise9Familias3

Description: Paternity case with mutation

Duration: 0:11:26

Type	Size	Link
PC (Flash)	20.9 MB	<a href="#">View...</a>
IPAD	17.2 MB	<a href="#">View...</a>
Mobile	9.64 MB	<a href="#">View...</a>
Sound (MP3)	6.58 MB	<a href="#">View...</a>

## Exercise 17 Familias 3

Title: Exercise17Familias3

Description: Simulation

Duration: 0:05:23

Type	Size	Link
PC (Flash)	11.0 MB	<a href="#">View...</a>
IPAD	8.74 MB	<a href="#">View...</a>
Mobile	4.87 MB	<a href="#">View...</a>
Sound (MP3)	3.11 MB	<a href="#">View...</a>

## Below for Familias 2

Oct 7, 2012

The below videos demonstrate [Familias](#). To get Familias, please click [Download the latest version: 2.0](#) (same as versión 1.97) and click setup.exe to install.

## Introduction to Familias 2(Spanish)

Title: Introduccion\_a\_Familias

Description: Introduction to Familias (Spanish) for the Alcala course

Duration: 0:07:44

Type	Size	Link
Flash (Original Size)	11.0 MB	<a href="#">View...</a>
iPad	9.65 MB	<a href="#">View...</a>
iPod and iPhone	5.71 MB	<a href="#">View...</a>

## Exercise S1

Type	Size	Link
Flash (Original Size)	14.8 MB	<a href="#">View...</a>
iPad	13.2 MB	<a href="#">View...</a>
iPod and iPhone	7.70 MB	<a href="#">View...</a>

Description: Exercise S1 (Spanish) for the Alcala course

Duration: 0:16:24

Type	Size	Link
Flash (Original Size)	21.3 MB	<a href="#">View...</a>
iPad	19.8 MB	<a href="#">View...</a>
iPod and iPhone	12.0 MB	<a href="#">View...</a>

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## Exercise S2

Type	Size	Link
Flash (Original Size)	12.4 MB	<a href="#">View...</a>
iPad	11.1 MB	<a href="#">View...</a>
iPod and iPhone	6.40 MB	<a href="#">View...</a>

Title: EjercicioS2

Description: Exercise S2 (Spanish) for the Alcala course

Duration: 0:07:04

Type	Size	Link
Flash (Original Size)	9.54 MB	<a href="#">View...</a>

iPad	8.42 MB	<a href="#">View...</a>
iPod and iPhone	5.13 MB	<a href="#">View...</a>

### Exercise S3

Type	Size	Link
Flash (Original Size)	15.0 MB	<a href="#">View...</a>
iPad	13.2 MB	<a href="#">View...</a>
iPod and iPhone	7.42 MB	<a href="#">View...</a>

Title: EjercicioS3  
 Description: Exercise S3 (Spanish) for the Alcala course  
 Duration: 0:12:30

Type	Size	Link
Flash (Original Size)	17.1 MB	<a href="#">View...</a>
iPad	15.5 MB	<a href="#">View...</a>
iPod and iPhone	9.30 MB	<a href="#">View...</a>

### Exercise S4

Title: S4FamiliasExercise  
 Description: Description Not Provided.  
 Duration: 0:12:31

Type	Size	Link
Flash (Original Size)	19.7 MB	<a href="#">View...</a>
iPad	16.9 MB	<a href="#">View...</a>
iPod and iPhone	9.94 MB	<a href="#">View...</a>

Title: EjercicioS4  
 Description: Exercise S4 (Spanish) for the Alcala course  
 Duration: 0:10:02

Type	Size	Link
Flash (Original Size)	13.4 MB	<a href="#">View...</a>
iPad	12.3 MB	<a href="#">View...</a>
iPod and iPhone	7.35 MB	<a href="#">View...</a>

## Exercise S5

Duration: 0:06:20

Type	Size	Link
Flash (Original Size)	11.4 MB	<a href="#">View...</a>
iPad	9.56 MB	<a href="#">View...</a>
iPod and iPhone	5.34 MB	<a href="#">View...</a>

Title: EjercicioS5

Description: Exercise S5 (Spanish) for the Alcala course

Duration: 0:06:46

Type	Size	Link
Flash (Original Size)	11.0 MB	<a href="#">View...</a>
iPad	9.48 MB	<a href="#">View...</a>
iPod and iPhone	5.34 MB	<a href="#">View...</a>

## Exercise S6

Duration: 0:11:44

Type	Size	Link
Flash (Original Size)	21.4 MB	<a href="#">View...</a>
iPad	18.2 MB	<a href="#">View...</a>
iPod and iPhone	10.3 MB	<a href="#">View...</a>

Title: EjercicioS6

Description: Exercise S6 (Spanish) for the Alcala course

Duration: 0:12:27

Type	Size	Link
Flash (Original Size)	17.1 MB	<a href="#">View...</a>
iPad	15.4 MB	<a href="#">View...</a>
iPod and iPhone	9.31 MB	<a href="#">View...</a>

Title: EjercicioS6

Description: Exercise S6 (Spanish) for the Alcala course

Duration: 0:12:27

Type	Size	Link
Flash (Original Size)	17.1 MB	<a href="#">View...</a>
iPad	15.4 MB	<a href="#">View...</a>
iPod and iPhone	9.31 MB	<a href="#">View...</a>

## Exercise S7

Title: S7FamiliasExercise

Description: Description Not Provided.

Duration: 0:16:05

Type	Size	Link
Flash (Original Size)	31.2 MB	<a href="#">View...</a>
iPad	26.7 MB	<a href="#">View...</a>
iPod and iPhone	14.6 MB	<a href="#">View...</a>

## Exercise S9

Duration: 0:11:45

Type	Size	Link
Flash (Original Size)	17.3 MB	<a href="#">View...</a>
iPad	15.7 MB	<a href="#">View...</a>
iPod and iPhone	9.50 MB	<a href="#">View...</a>

## Exercise S10

Duration: 0:06:40

Type	Size	Link
Flash (Original Size)	11.2 MB	<a href="#">View...</a>
iPad	9.42 MB	<a href="#">View...</a>
iPod and iPhone	5.46 MB	<a href="#">View...</a>

## Exercise S11

Duration: 0:04:58

Type	Size	Link
Flash (Original Size)	9.98 MB	<a href="#">View...</a>

iPad 8.17 MB [View...](#)  
iPod and iPhone 4.57 MB [View...](#)

### Exercise S13

Duration: 0:02:39

Type	Size	Link
Flash (Original Size)	6.96 MB	<a href="#">View...</a>
iPad	5.43 MB	<a href="#">View...</a>
iPod and iPhone	2.88 MB	<a href="#">View...</a>

### Exercise S14

Duration: 0:04:17

Type	Size	Link
Flash (Original Size)	9.75 MB	<a href="#">View...</a>
iPad	7.99 MB	<a href="#">View...</a>
iPod and iPhone	4.21 MB	<a href="#">View...</a>

## Colombian Interlaboratory Quality Control 2012 (CCCI-2012) exercises

These [exercises](#) (CCCI-2012) with associated [familias files](#) are discussed below.

Title: SanAndres1

Description: Description Not Provided.

Duration: 0:12:26

Type	Size	Link
Flash (Original Size)	26.5 MB	<a href="#">View...</a>
iPad	16.4 MB	<a href="#">View...</a>
iPod and iPhone	9.30 MB	<a href="#">View...</a>

### ghep-ISFG Exercises 2012

Some proficiency tests ( [basic](#) , [advanced](#) ) with associated [familias-files](#) are discussed below:

Duration: 0:05:58

Type	Size	Link
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Flash (Original Size)	11.6 MB	<a href="#">View...</a>
iPad	6.84 MB	<a href="#">View...</a>
iPod and iPhone	3.96 MB	<a href="#">View...</a>

Title: GHEP-advanced

Description: Description Not Provided.

Duration: 0:09:56

<b>Type</b>	<b>Size</b>	<b>Link</b>
Flash (Original Size)	18.0 MB	<a href="#">View...</a>
iPad	11.1 MB	<a href="#">View...</a>
iPod and iPhone	6.70 MB	<a href="#">View...</a>