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EBERHARD KARLS
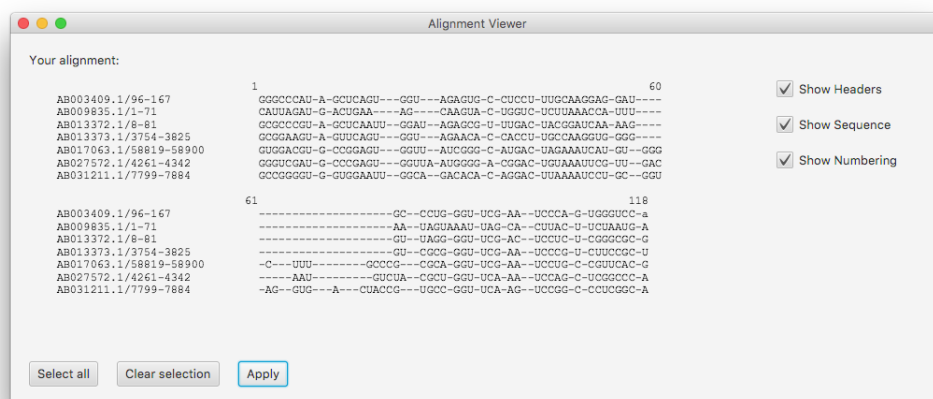
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Advanced Java for bioinformatics.   WS 2015/16

Due: 28 October 2015

Your first `JavaFx` program (10 points)

Write an AlignmentViewer, similar to the one you have written last week - but in a GUI using JavaFx library. The application should read the file specified as a parameter in a command line. Use:

- `BorderPane` as the root node of the scene.

- `Label` with an information for the user (put it into `Top` of the `BoarderPane`).

- `Text` to display the alignment (use Monospace font and put it into `Center` of the `BorderPane`).

- `CheckBoxes`: Show headers, Show sequence, Show numbering - with them user can specify the formatting of the alignment (presented in the `Text`).

- `Buttons`: Select all (to select all of the `CheckBoxes`), Clear all (to clear the selection), Apply (to refresh the content of the `Text`).

- `VBox`: as a container for `CheckBoxes` (put it into `Right` of the `BorderPane`).

- `HBox`: as a container for `Buttons` (put it into `Bottom` of the `BorderPane`).

Use the exemplary file from the previous assignment to test the application. Example of how the application should look like after selecting all `CheckBoxes` hitting Apply `Button`:

Don't forget to comment your code!