

## Actions

CSV\_builder  
SSR\_plot  
Add\_pdb

## Required arguments

### Input sequence alignment file

Input file must be a sequence alignment in FASTA format (the one used to create the Plots)

/home/paul/GitRepos/SSR-viz/use\_case/ssr\_files/NRPS\_A\_dom\_ali.fasta

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### Chain in the pdb file

Must exist in the pdb

A

### Mafft executable

Mafft is used internally to add a sequence to an alignment

mafft

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### Output csv

Optional different output for the 'stats.csv' file, can be identical with the input file

/home/paul/GitRepos/SSR-viz/use\_case/ssr\_files/Data/Project\_01\_stats.csv

### Input pdb file

Input file must be a PDB file which corresponds to the alignment (sequences should have a high similarity)

/home/paul/GitRepos/SSR-viz/use\_case/ssr\_files/3vns\_V.pdb

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### Temporary folder

Directory for the added alignment of the pdb and the mafft map file

/home/paul/GitRepos/SSR-viz/use\_case/ssr\_files/Data

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### Stats csv file

The indices of the PDB are added to the 'stats.csv' file created with SSR\_plot

/home/paul/GitRepos/SSR-viz/use\_case/ssr\_files/Data/Project\_01\_stats.csv

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