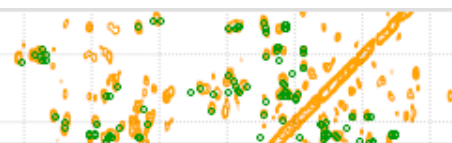




# Peakr

## predicting 2D solid-state NMR spectra



[Prediction](#) [Upload](#) [Team](#) [Help](#) [Contact](#)

### Spectra i

#### Protein i

Protein Name

Protein Sequence

PDB File upload  No file chosen  ✓

or get PDB by name

If a sequence and a pdb file are provided, the sequences will be aligned and the longer sequence will be used.

#### Chemical shifts i

Add shifts using

**Shifts from Sparky file**  
Upload Sparky file  No file chosen  ✓

**Shifts from CSV file**  
Upload CSV file  No file chosen

**Prediction options**  
Add missing shifts with

#### Correlations i

Correlation Type

Correlation Name

Depth

Number of Bonds

Single Bond Distance

or

### ShereKhan

Calculating molecular exchange rates

Systems Biology of Motor Proteins



MAX-PLANCK-GESELLSCHAFT



### Added Spectra i



**Protein\_Correlation** ^ Hide settings

Labelling  Graded opacity  i

Chain  Model  Start  End

Amino Acids  A  D  E  F  G  H  I  K  L  M  N  P  Q  R  S  T  V  Y

Secondary structure  H  G  I  E  B  T  C i



**Protein\_Correlation\_1** ^ Hide settings

Labelling  Graded opacity  i

Chain  Model  Start  End

Amino Acids  A  D  E  F  G  H  I  K  L  M  N  P  Q  R  S  T  V  Y

Secondary structure  H  G  I  E  B  T  C i

