

## ALPHABETICAL LIST OF [PACUPP](#) CAVITY VIEWING COMMANDS

- The command *alpha* (or *al*) displays this list.
- Commands are entered in the Jmol Script Console.
- The command you enter is before #. (Do not enter #.)
- The text after # is a comment, not part of the command.
- When you execute a command, additional options or commands may be shown.
- This document: [commands-alphabetical.pdf](#) (in 0-INSTRUCTIONS).
- See also [Jmol mouse gestures](#).

a # Clicking on a pseudoatom hides that single **A**tom.

b # Toggles the **B**ackbone trace of the macromolecule.

bu # **B**uried cavities menu.

cav 3 5 # Isolate two or more cavities by their ID numbers.

cavall # Show all cavities.

cavmin 5 # Show only cavities with 5 or more pseudoatoms.

cavtoggle # Temporarily hide pseudoatoms to identify atoms within.

ct # CavToggle

d # Depth color scheme for pseudoatoms.

e # Extend. Adds back hidden (peeled off) layers, contiguous pseudoatoms only.

f # **F**atten (following repeated 'p' and 'e' commands).

g # **G**roup color scheme (distinct color for each cavity).

h # **H**elp for commands, more detailed than this list.

k # **K**luster: hides the clicked visible **K**luster of pseudoatoms.

l # **L**ists macromolecule atoms **L**ine the cavity (spreadsheet ready).

m # Toggles visibility of translucent gray **M**acromolecule.

mchain # Colors the translucent **M**acromolecule by chain.

o # Makes all visible pseudoatoms **O**paque.

p # **P**eels off (hides) the outermost layer of pseudoatoms. Repeat.

q # **Q**uality. Toggles high-quality rendering of the view.

r # **R**esidue: displays a specified residue as sticks, for example "r ala43".

s # **S**lice/**S**lab. Toggles display of a thin middle slice.

u # **U**npeel. Restores all of the most recently peeled pseudoatoms, or when A  
# or K is active, restores the most recently hidden pseudoatom(s).

v # **V**iews menu.

vo # (or vol) **V**olumes of visible partial cavities are reported.

w # **W**ater toggle, for use after some options on the Views menu.

## HELP COMMANDS:

- alpha: (or **al**) The above alphabetical list of cavity-viewing commands.
- cavhelp (or ch or **h**): Detailed cavity viewing help.
- cavhelp2 (or ch2): Jmol cavity select terms.
- cavhelp3 (or ch3): Technical developer commands.

See also [How-To-Use-PACUPP.pdf](#)