# VIM LATEX-SUITE REFERENCE CARD

### Latex-Suite Macros

⟨*Ctrl-J*⟩ .....................jump to next place holder
`:call IMAP('`w', '\omega', 'tex')`↩
  override macro
`...\<CR>...` ...........................newline in macro
`:set g:Imap_FreezeImap=1`↩ pause macro extension
⟨*F5*⟩ ...................... insert/wrap in environment
⟨*Shift-F5*⟩ ........................change environment
⟨*F7*⟩ ......insert/enclose in/make word into command

### Environment Macros

`ELI (,li)` ..............................................list
`EDE (,de)` ................................. description
`EEN (,en)` ............................... enumerate
`EIT (,it)` ...................................itemize
`ETE (,te)` .....................................table
`ETG (,tg)` ................................. tabbing
`ETR (,tr)` ...................................tabular
`EAR (,ar)` ...................................... array
`EEQ (,eq)` ................................. equation
`ECE (,ce)` .....................................center
`EFL (,fl)` ...................................flushleft
`EFR (,fr)` .................................flushright
`EQN (,qn)` ................................. quotation
`EQE (,qe)` ..................................... quote
`EVM (,vm)` ...................................verbatim
`EVE (,ve)` .......................................verse
`EOV (,ov)` ....................................overlay
`ESL (,sl)` ......................................slide
`SPA (,pa)` ....................................... part
`SCH (,ch)` ...................................chapter
`SSE (,se)` ....................................section
`SSS (,ss)` ................................ subsection
`SS2 (,s2)` ............................ subsubsection
`SPG (,pg)` ..................................paragraph
`SSP (,sp)` ...............................subparagraph
`EFI (,fi)` .......................................figure
`EMP (,mp)` ....................................minipage

### Font Macros

`FBF (`bf)` ...................................bfseries
`FMD (`md)` ...................................mdseries
`FTT (`tt)` ....................................ttfamily
`FSF (`sf)` ....................................sffamily
`FRM (`rm)` ...................................rmfamily
`FUP (`up)` ....................................upshape
`FSL (`sl)` .....................................slshape
`FSC (`sc)` .....................................scshape
`FIT (`it)` ......................................itshape
`FEM (`em)` .......................................emph

### Greek and Auc-Tex Bindings

`` `a ...`z `` .............lowercase greek letters $\alpha\ ...\zeta$
`` `D`F`G`Q`L`X`Y`S`U`W `` ...........$\Delta\Phi\Gamma\Theta\Lambda\Xi\Psi\Sigma\Upsilon\Omega$
`` `^ `` .....................................`\Hat{<++>}<++>`
`` `_ `` .....................................`\bar{<++>}<++>`
`` `6 `` .........................................`\partial`
`` `8 `` ...........................................`\infty`
`` `/ `` .........................`\frac{<++>}{<++>}<++>`
`` `% `` .........................`\frac{<++>}{<++>}<++>`
`` `@ `` ............................................`\circ`
`` `0 `` ..........................................`^\circ`
`` `= `` ...........................................`\equiv`
`` `\ `` .........................................`\setminus`
`` `. `` ............................................`\cdot`
`` `* `` ...........................................`\times`
`` `& `` ..........................................`\wedge`
`` `- `` ..........................................`\bigcap`
`` `+ `` ..........................................`\bigcup`
`` `( `` ..........................................`\subset`
`` `) `` ..........................................`\supset`
`` `< `` ...............................................`\le`
`` `> `` ...............................................`\ge`
`` `' `` .........................................`\nonumber`
`` `~ `` .................................... `\~{<++>}<++>`
`` `; `` ................................... `\dot{<++>}<++>`
`` `: `` .................................. `\ddot{<++>}<++>`
`` `2 `` ................................. `\sqrt{<++>}<++>`
`` `| `` ............................................`\Big|`
`` `I `` ...................... `\int_{<++>}^{<++>}<++>`
`` `( `` ............................. enclose selection in ()
`` `[ `` ............................. enclose selection in []
`` `{ `` ............................. enclose selection in {}

### Alt Key Macros

⟨*Alt-L*⟩ .......extend bracket constructs or insert label
⟨*Alt-B*⟩ ......enclose previous character in `\mathbf{}`
⟨*Alt-C*⟩ ......enclose in `\mathcal{}` or insert citation
⟨*Alt-I*⟩ ...................insert list item intelligently

### Latex Completion

⟨*F9*⟩ ............. do a completion (ref, cite, filename)
`\ref{pre`⟨*F9*⟩ ..complete ref, label starting with 'pre'
`\cite{pre`⟨*F9*⟩ .....................complete cite

### Compiling, Viewing, Searching

`\ll` ........................................... compile
`\lv` ............................ compile selected text
`\ls` .........................forward searching in dvi
`:set g:Tex_CompileRule_<fmt> = '...'`↩
  set compilation rule (`fmt` is `dvi`, `pdf`, etc.)
`:let g:Tex_FormatDependency_pdf = 'dvi,pdf'`↩
  define dependency
`:let g:Tex_MultipleCompileFormats = 'dvi'`↩
  generate dvi target in multiple passes (intelligently)
`:TCLevel 3`↩
  ignore warnings matching first 3 patterns in
`g:Tex_IgnoredWarnings`
`:TCLevel strict`↩
  display all errors and warnings
`:let g:Tex_DefaultTargetFormat = 'pdf'`↩
  set default target to pdf
`:let g:Tex_ViewRule_dvi = 'yap -1'`↩
  set dvi viewer

### Folding

`\rf` ................................ refresh folding
`za` .......................................fold/unfold
`Tex_FoldedSections Tex_FoldedEnvironments`
`Tex_FoldedCommands Tex_FoldedMisc`
  variables containing info on what to fold

### Multiple File Projects

`main.tex.latexmain` .....................master file

## Latex-Suite Commands

```
:TTemplate [template]↩ . choose template from list
:TMacro [macro]↩ ........... insert macro template
:TMacroEdit [macro]↩ ......open macro for editing
:TMacroNew↩ ........... create new macro template
:TMacroDelete [macro]↩ ....delete macro template
:TPackage↩ ...................insert a \usepackage
:TPackageUpdate↩  support for package under cursor
:TPackageUpdateAll↩ ....scan file, update packages
:TSection [arg] ......insert section of specified level
:TSectionAdvanced ....advanced section interactively
:TLook arg↩ .............. search for arg in tex files
:TLookBib arg↩ ..........search for arg in bib files
:TLookAll arg↩ ...........search for arg in all files
:TPartComp↩ ................ compile part of the file
:TPartView↩ ...........show last compiled fragment
:Tshortcuts [gefsma]↩ .show shortcuts in terminal
```

## Misc Settings and Tricks

```
⟨Ctrl-v⟩"   .................Insert real quotation mark
:let g:Tex_SmartQuoteOpen = "``"↩
   define opening quotation mark
:let g:Tex_SmartQuoteClose = "''"↩
   define closing quotation mark
call IMAP('SSS', 'SSS', 'tex')
   disable mapping
:let g:Imap_UsePlaceHolders = 0↩
   disable placeholders
```

## Personal Additions

```
EEQ *EEQ ................................... equation
ESPL ........................................... split
EMU *EMU ................................... multiline
EGA *EGA ................................... gather
EAL *EAL ...................................... align
```

## Movement

```
[[, ]] ........................previous/next section
[], ][ .........line after previous/before next section
```

## Objects

```
ic, ac ................................... commands
id, ad ................................... delimiters
ie, ae ........................LaTeX environments
i$, a$ ......................... inline math structures
```

## Other

```
dsc, dse, ds$ ... delete surroundings command/env.
csc, cse, cs$ .. change surroundings command/env.
tse ..................... toggle starred environment
tsd .......toggle between e.g. ()  and \left(\right)
```