

UCSF Chimeraのインストール手順 Mac版

2015年2月5日(木)

UCSF Chimeraは、UCSFのThomas Ferrinのグループが開発している**分子描画プログラム**です。アカデミックの方なら、ユーザー登録を行えば、無料で使用することができます。Windows, Mac, Linuxでのプログラムをダウンロード・インストールすることが可能です。

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1. USCF Chimeraのページへアクセス

<http://www.cgl.ucsf.edu/chimera/>にアクセスし、左端の[Download]をクリックします。

www.cgl.ucsf.edu/chimera/

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UCSF CHIMERA

an Extensible Molecular Modeling System

UCSF Chimera is a highly extensible program for interactive visualization and analysis of molecular structures and related data, including density maps, supramolecular assemblies, sequence alignments, docking results, trajectories, and conformational ensembles. High-quality images and animations can be generated. Chimera includes complete documentation and several tutorials, and can be downloaded free of charge for academic, government, non-profit, and personal use. Chimera is developed by the [Resource for Biocomputing, Visualization, and Informatics](#), funded by the [National Institutes of Health](#) (NIGMS P41-GM103311).

Quick Links

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- Release Notes
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 - What's New in Daily Builds
- Galleries
 - Image Gallery
 - Animation Gallery
- Publications and Talks
- Related Databases and Software
- Citing Chimera
- Contact Us

Recent Citations

Mechanistic insights into the recycling machine of the SNARE complex. Zhao M, Wu S *et al. Nature*. 2015 Feb 2;518(7537):61-7.

Ring closure activates yeast yTuRC for species-specific microtubule nucleation. Kollman JM, Greenberg CH *et al. Nat Struct Mol Biol*. 2015 Feb;22(2):132-137.

A molecular census of 26S proteasomes in intact neurons. Asano S, Fukuda Y *et al. Science*. 2015 Jan 23;347(6220):439-42.

Structure of mega-hemocyanin reveals protein origami in snails. Gatsogiannis C, Hofnagel O *et al. Structure*. 2015 Jan 6;23(1):93-103.

Structure and inhibition of EV-D68, a

メニューを表示

Chimera Search

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News

January 9, 2015
Chimera production release 1.10.1 is now available. 64-bit builds are recommended for all capable platforms, and the 1.10 series will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for details.

November 5, 2014
Chimera production release 1.10 is now available. 64-bit builds are recommended for all capable platforms, and v1.10 will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for what's new.

October 23, 2014
A production release candidate (v1.10) is available; please try it and report any problems. 64-bit builds are now recommended for all capable platforms, and v1.10 will be the last to support OS X 10.6 and 10.7. See the [release notes](#) for what's new.
([Previous news...](#))

Upcoming Events

Feature Highlight

User-Driven Analysis

Users can easily import structure-related data into Chimera in the form of **attributes**, or values associated with atoms, residues, or models. The data can be imported with [Define Attribute](#) and then [represented visually](#) with color ranges, atomic radii, or "worm" thickness. Such data can also be manipulated programmatically in Chimera, and in fact Chimera was designed with extensibility and programmability in mind. It is largely implemented in **Python**, with certain features coded in **C++** for efficiency. **Python** is an easy-to-learn interpreted language with object-oriented features. All of Chimera's functionality is accessible through Python and users can implement their own algorithms and extensions without any Chimera code changes, so any such **custom extensions** will continue to work across Chimera releases. Many [programming examples](#) are provided to assist extension writers.

([More features...](#))

Gallery Sample

RNA Bases

Large ribosomal RNA is shown with individual bases depicted using solvent excluded molecular surfaces. Bases A, C, G, U are

2.プログラムのダウンロード

UCSF CHIMERA
an Extensible Molecular Modeling System

Download Chimera

- Daily Builds
- Snapshot Releases
- Unsupported Releases
- Old Releases
- Bug Tracking System
- Licensing Information
- Experimental Chimera Features
- Plug-ins on the Web
- Graphics Driver Bugs
- Benchmark Results
- Chimera Source Code
- Cywin Source Code

Current Production Releases

- See the [release notes](#) for a list of new features and other information.
- For [more recent changes](#), use the [snapshot](#) and [daily](#) builds; they are less tested but usually reliable.

64-bit Releases (recommended):

Platform	Installer, Size, and Checksum	Date	Notes
Microsoft Windows 64-bit	chimera-1.10.1-win64.exe Size: 111993402 bytes MDS: f200ed5385d6113a80eeb9947d0dad7f	Jan 09, 2015	Instructions Documentation Runs on Windows 7 and 8 or later.
Mac OS X 64-bit	chimera-1.10.1-mac64.dmg Size: 98419913 bytes MDS: 766b97f337064dcb119ea7b7e7e82d5a	Jan 09, 2015	Instructions Documentation Runs on Mac OS X 10.6 or later (including OS X 10.10 "Yosemite").
Linux 64-bit	chimera-1.10.1-linux_x86_64.bin Size: 118027761 bytes MDS: bafa85db5f33b06039306840d364f10a	Jan 09, 2015	Instructions Documentation Compiled on Debian 4 (etch).

32-bit Releases (for small memory computers):

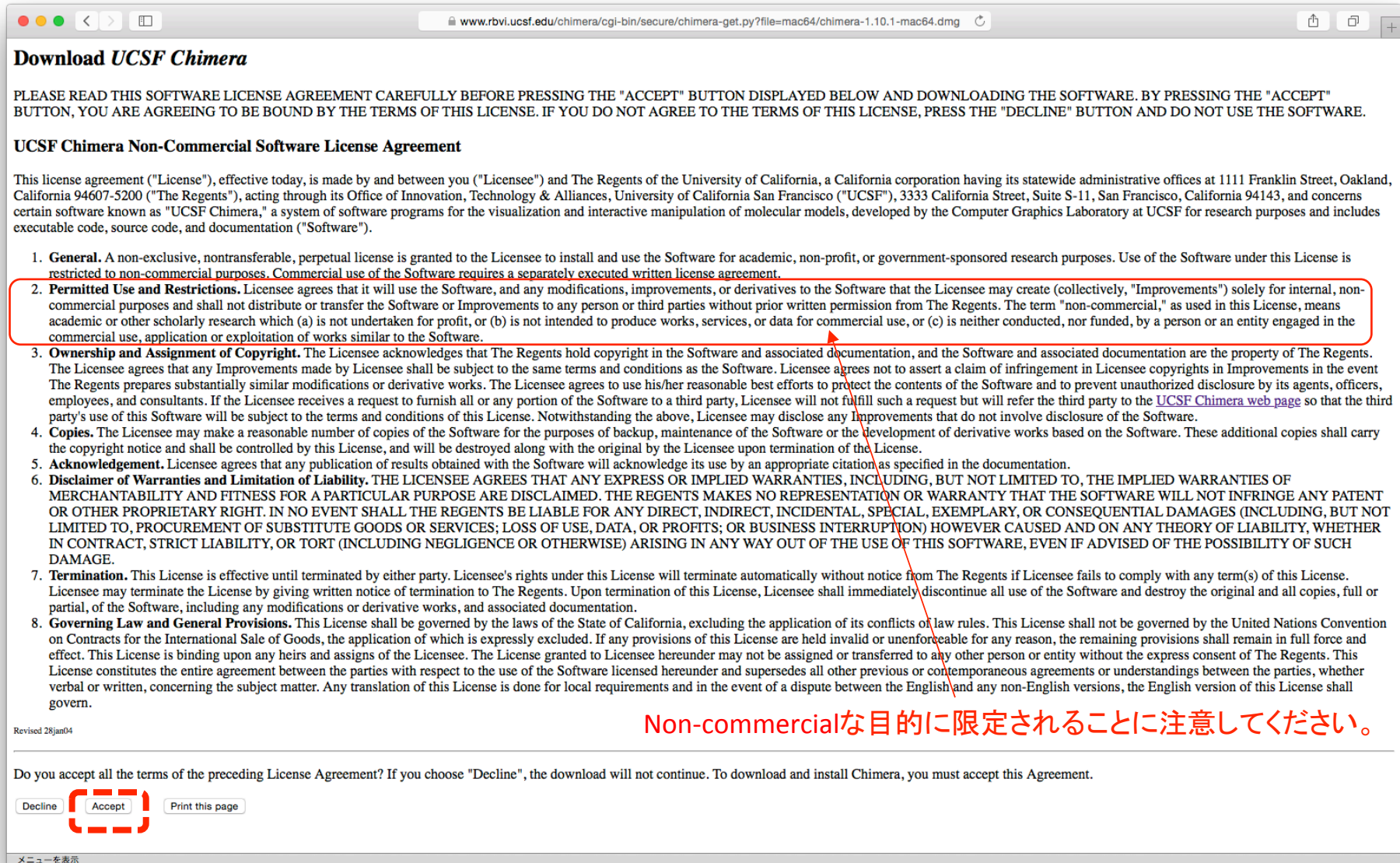
Platform	Installer, Size, and	Date	Notes
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使用しているパソコンのOSの種類と32-bit版か64-bit版かに従って、プログラムを選択し、ダウンロードします。

ここでは、MacのOS X 10.10 (Yosemite) 64ビットを使用している場合を想定して、[Mac OS X 64-bit]を選択します。

以下の処理は、別バージョンのMac OS Xであっても32-bit版であっても操作はほぼ同じです。

3. ライセンス契約の確認



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Revised 28jan04

Do you accept all the terms of the preceding License Agreement? If you choose "Decline", the download will not continue. To download and install Chimera, you must accept this Agreement.

メニューを表示

Non-commercialな目的に限定されることに注意してください。

ライセンス契約の文書を読み、合意できるなら[Accept]をクリック。

4. インストールの開始

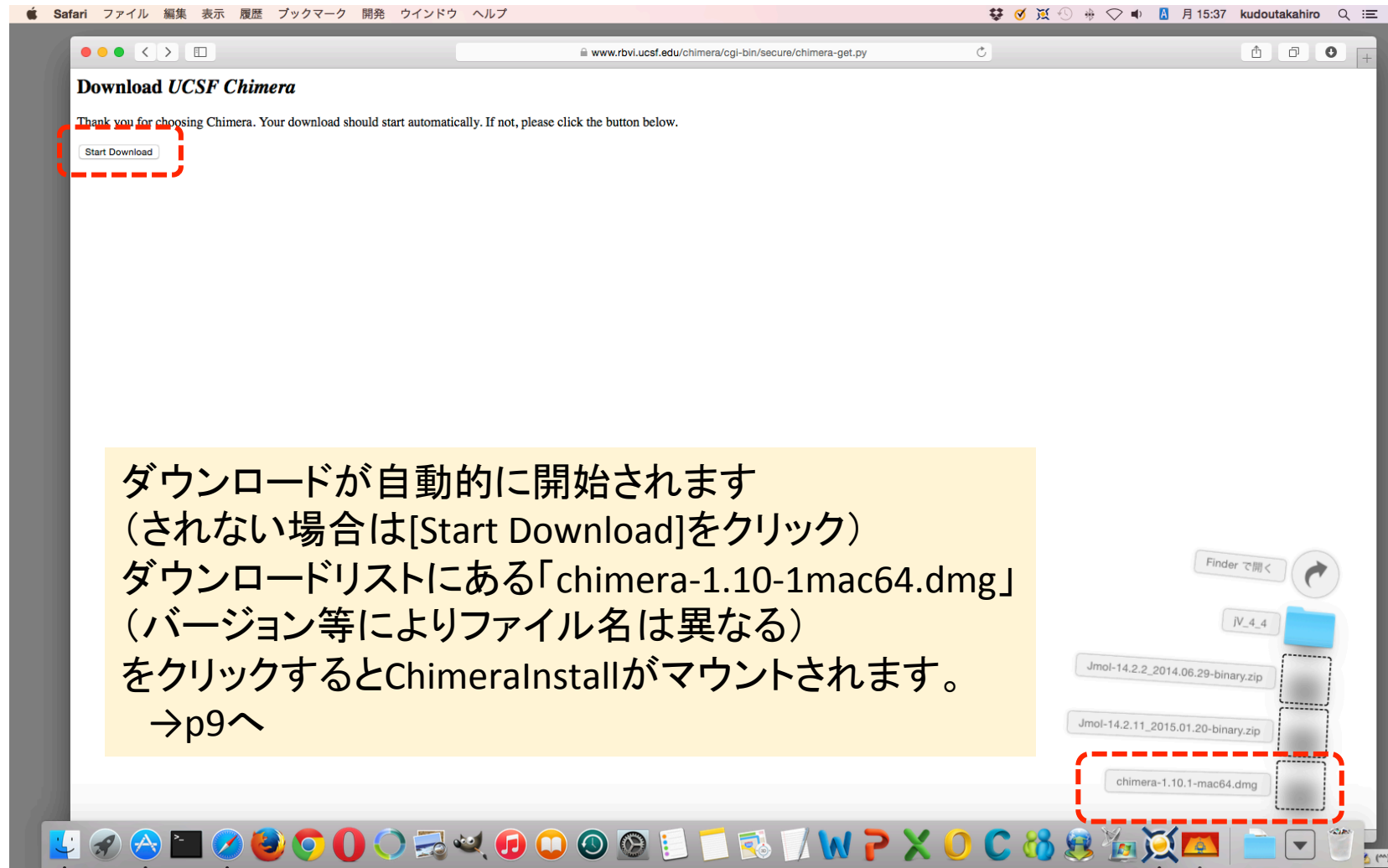


Safariの例→p6



Firefoxの例→p7

4. インストールの開始 (Safari)



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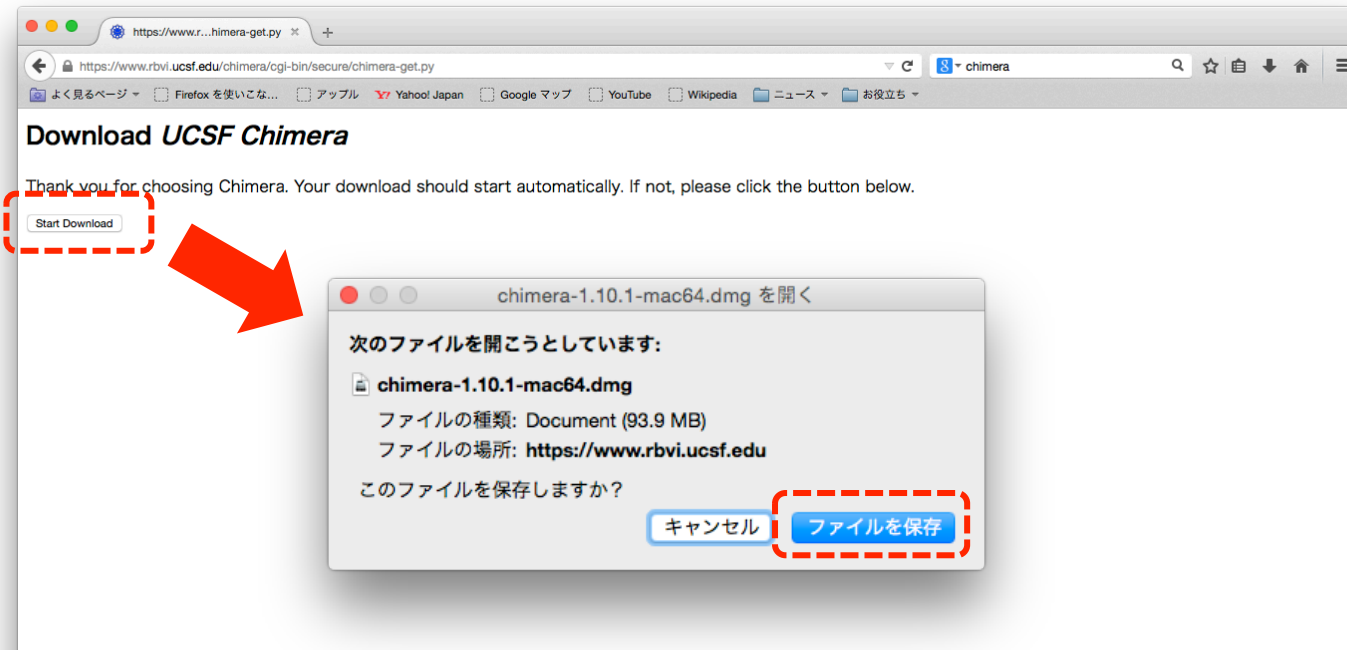
Thank you for choosing Chimera. Your download should start automatically. If not, please click the button below.

Start Download

ダウンロードが自動的に開始されます
(されない場合は[Start Download]をクリック)
ダウンロードリストにある「chimera-1.10.1mac64.dmg」
(バージョン等によりファイル名は異なる)
をクリックするとChimeraInstallがマウントされます。
→p9へ

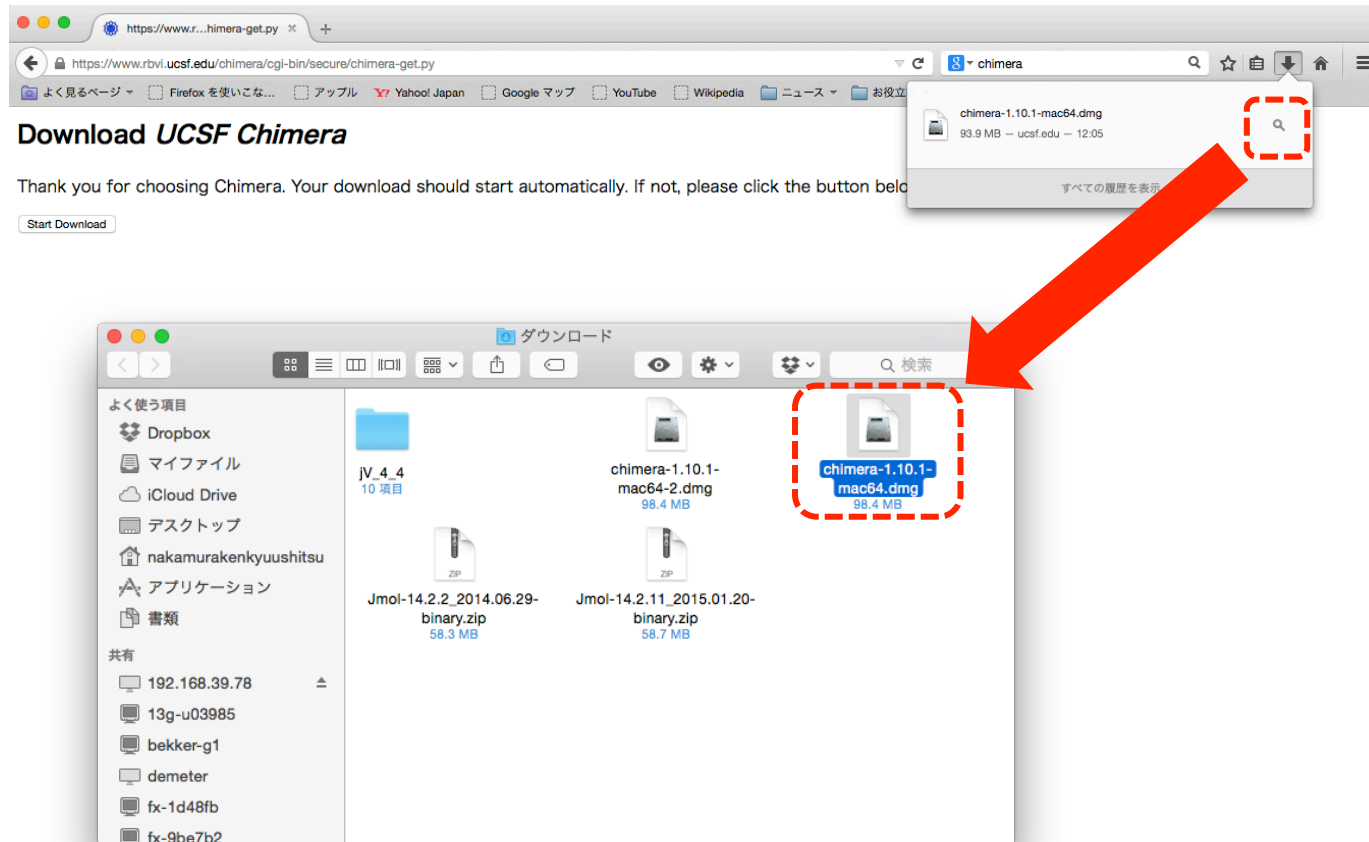
Finder で開く
JV_4_4
Jmol-14.2.2_2014.06.29-binary.zip
Jmol-14.2.11_2015.01.20-binary.zip
chimera-1.10.1-mac64.dmg

4. インストールの開始 (Firefox)

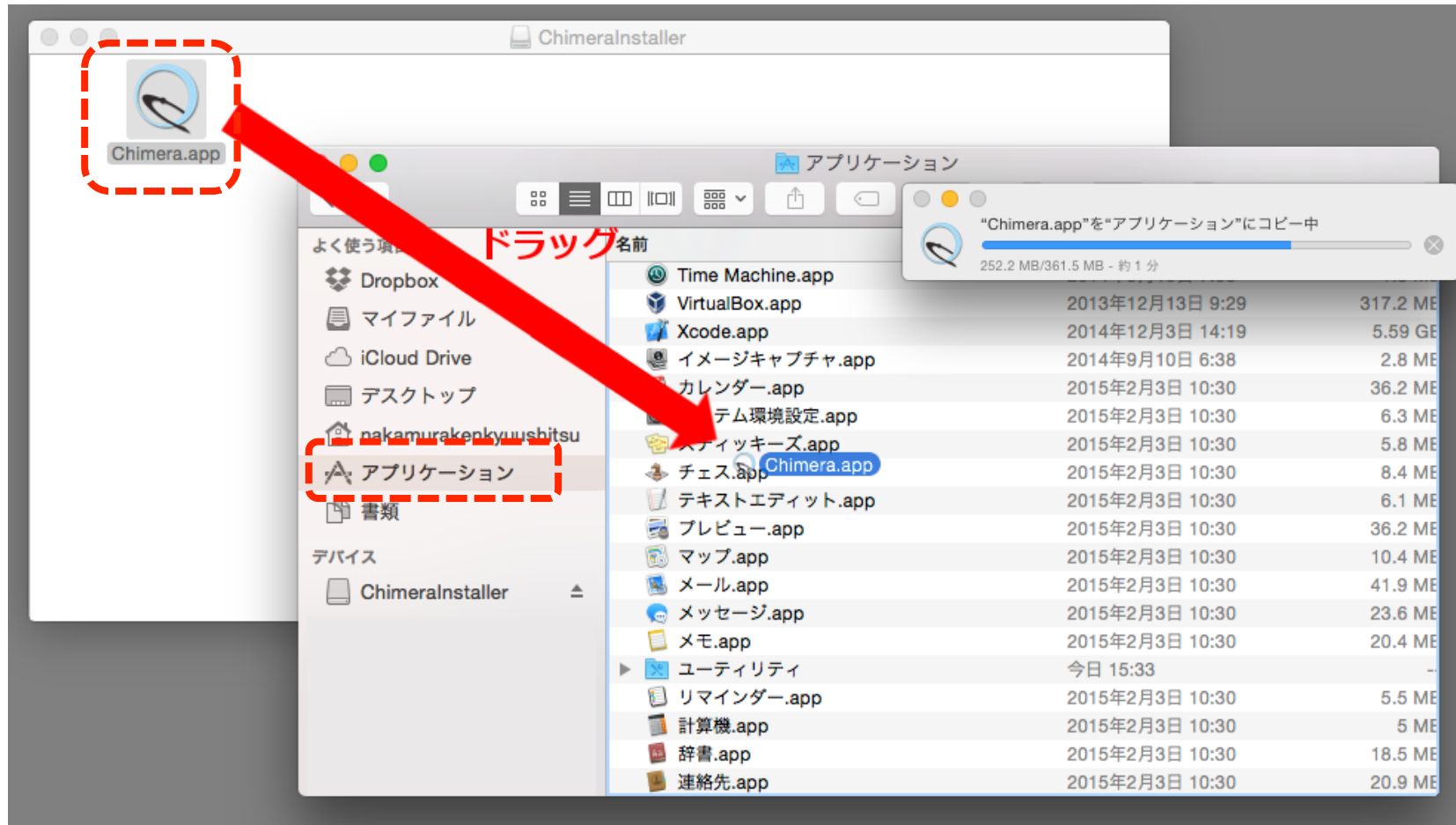


ダウンロードが自動的に開始されます
(されない場合は[Start Download]をクリック)
「chimera-1.10-1mac64.dmgを開く」ダイアログが表示
されます。
(バージョン等によりファイル名は異なる)
「ファイルを保存」をクリックします。

4. インストールの開始 (Firefox)

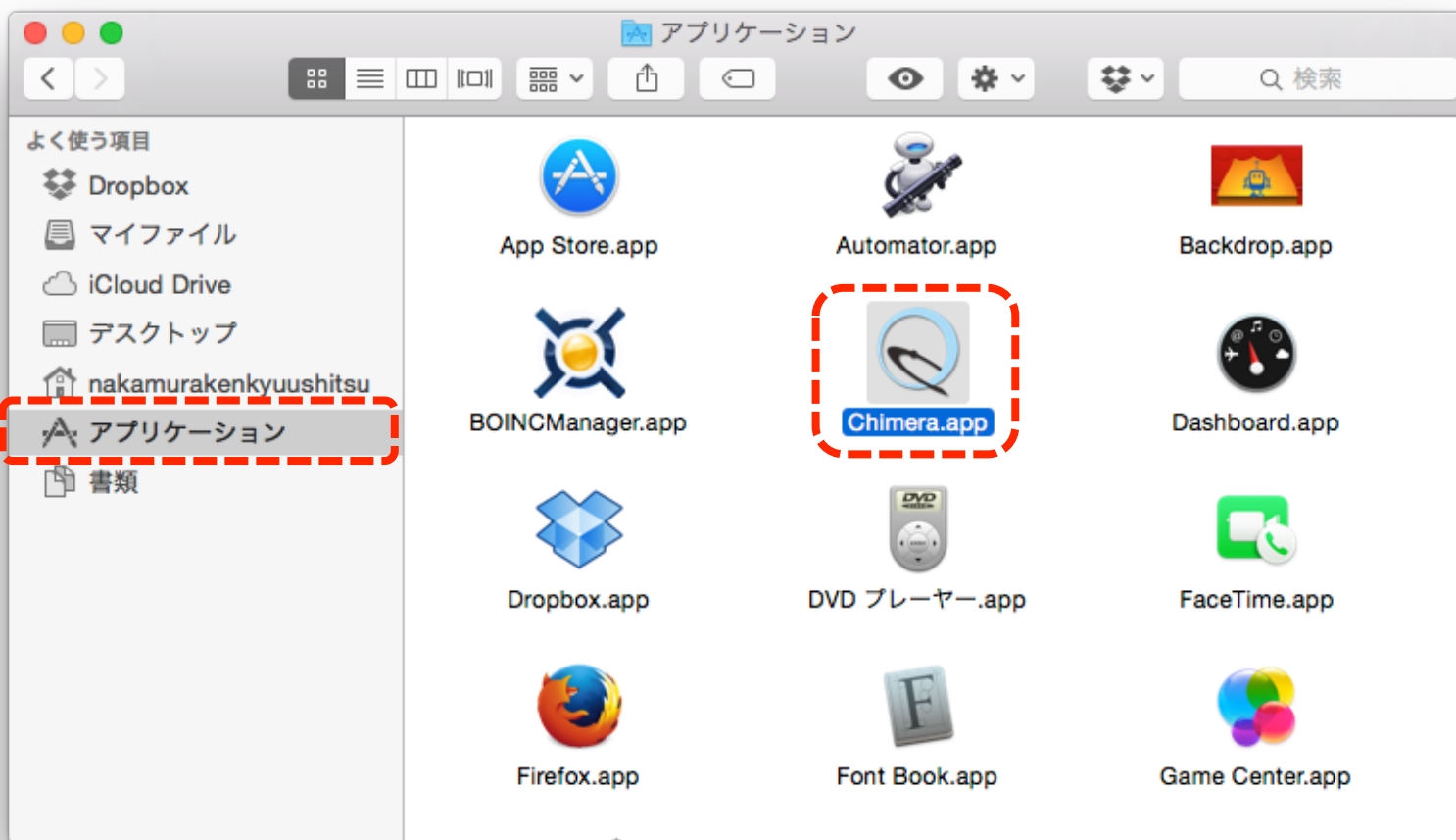


5. インストール



このまま「Chimera.app」をダブルクリックしても起動できますが、イメージをマウントしなくても実行できるようにするには、アプリケーションフォルダにドラッグします。

9. インストールの完了



これでインストールは完了です。
Finderでアプリケーションフォルダを見ると
Chimeraのアイコンが表示されるはずです。