

- Homo sapiens (26)
- Mus musculus (5)
- Camelidae (2)
- Camelus bactrianus (2)
- Bos taurus (1)
- Ornithorhynchus anatinus (1)

TAXONOMY

- Eukaryota (33)

EXPERIMENTAL METHOD

- X-RAY DIFFRACTION (36)
- SOLUTION NMR (1)

POLYMER ENTITY TYPE

- Protein (37)

RESOLUTION

- 1.5 - 2.0 (11)
- 2.0 - 2.5 (9)
- 2.5 - 3.0 (6)
- 3.0 - 3.5 (9)
- 3.5 - 4.0 (1)

RELEASE DATE

- 1995 - 1999 (1)
- 2000 - 2004 (7)
- 2005 - 2009 (5)
- 2010 - 2014 (5)

**1DQT**

THE CRYSTAL STRUCTURE OF MURINE CTLA4 (CD152)

Ostrov, D.A., Shi, W., Schwartz, J.C., Almo, S.C., Nathenson, S.G.

(2000) Science 290: 816-819

Released 2000-10-27**Method** X-RAY DIFFRACTION 2 Å**Organisms** Mus musculus**Macromolecule** CYTOTOXIC T LYMPHOCYTE ASSOCIATED ANTIGEN 4 (protein)**Unique Ligands** CL, EDO **3OSK**

Crystal structure of human CTLA-4 apo homodimer

Yu, C., Sonnen, A.F.-P., Ikemizu, S., Stuart, D.I., Gilbert, R.J.C., Davis, S.J.

(2011) J Biol Chem 286: 6685-6696

Released 2010-12-08**Method** X-RAY DIFFRACTION 1.8 Å**Organisms** Homo sapiens**Macromolecule** Cytotoxic T-lymphocyte protein 4 (protein)**Unique Ligands** GOL, NAG **5TRU**

Structure of the first-in-class checkpoint inhibitor Ipilimumab bound to human CTLA-4

Ramagopal, U.A., Liu, W., Garrett-Thomson, S.C., Yan, Q., Srinivasan, M., Wong, S.C., Bell, A., Mankikar, S., Rangan, V.S., Deshpande, S., Bonanno, J.B., Korman, A.J., Almo, S.C.

(2017) Proc Natl Acad Sci U S A 114: E4223-E4232

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QUERY: Full Text = ""CTLA-4"" AND (Scientific Name of Source Organism = "Homo sapiens" AND Experimental Method = "SOLUTION NMR")

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Advanced Search Query Builder

Refinements [Clear All](#)

SCIENTIFIC NAME OF SOURCE ORGANISM

[Clear](#) Homo sapiens (1)

TAXONOMY

[Clear](#) Eukaryota (1)

EXPERIMENTAL METHOD

[Clear](#) SOLUTION NMR (1)

POLYMER ENTITY TYPE

[Clear](#) Protein (1)

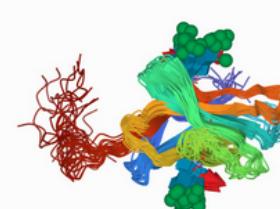
RESOLUTION

[Clear](#)

RELEASE DATE

[Clear](#) 1995 - 1999 (1)

ENZYME CLASSIFICATION NAME

[Clear](#)[3D View](#)**1AH1****CTLA-4, NMR, 20 STRUCTURES**

Metzler, W.J., Bajorath, J., Fenderson, W., Shaw, S.-Y., Peach, R., Constantine, K.L., Naemura, J., Leytze, G., Lavoie, T.B., Mueller, L., Linsley, P.S.

(1997) Nat Struct Biol 4: 527-531

Released	1998-04-15
Method	SOLUTION NMR
Organisms	Homo sapiens
Macromolecule	CTLA-4 (protein)
Unique Ligands	BMA, FUC, FUL, NAG

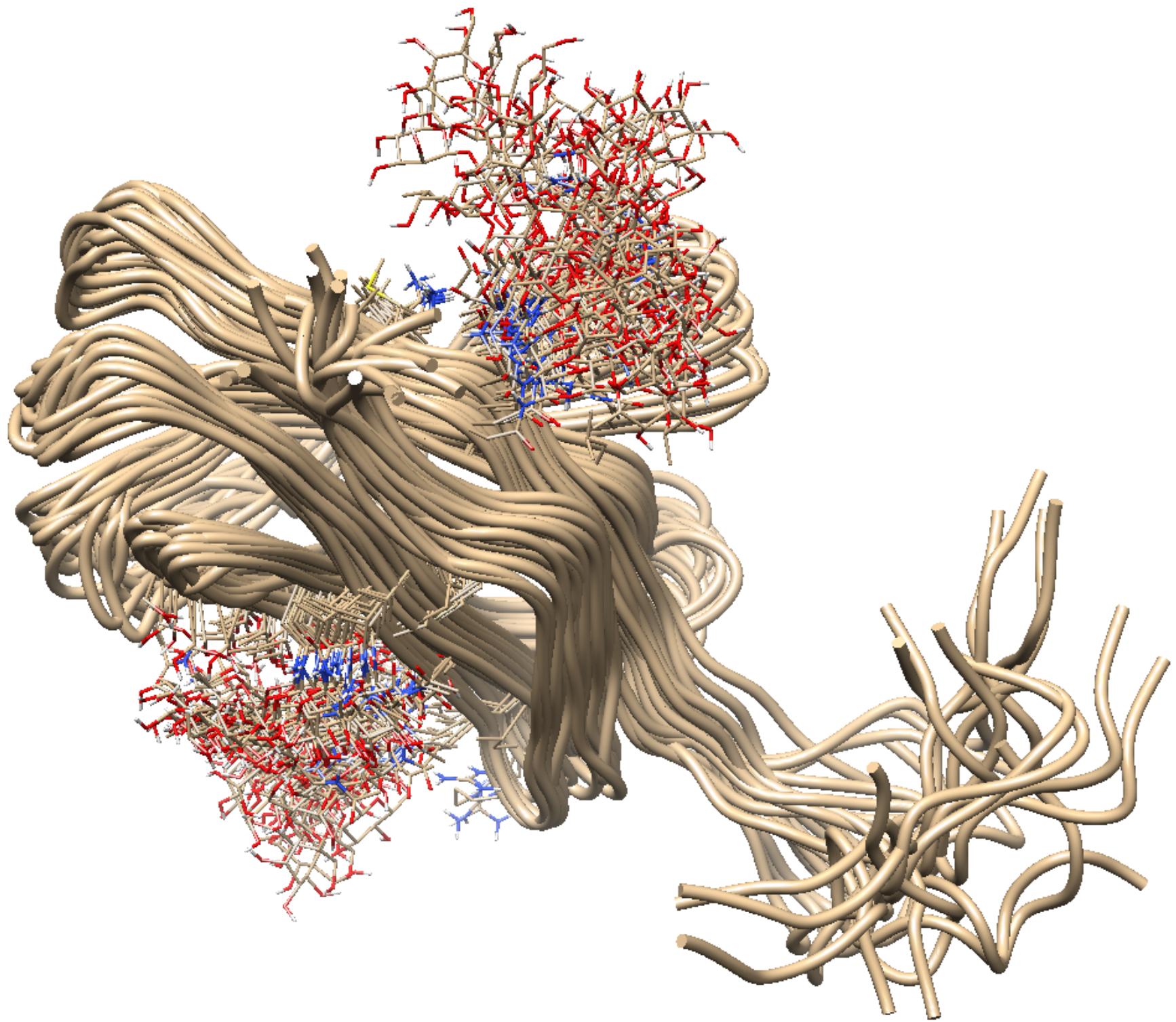
Displaying 1 to 1 of 1 Structure

Page 1 of 1

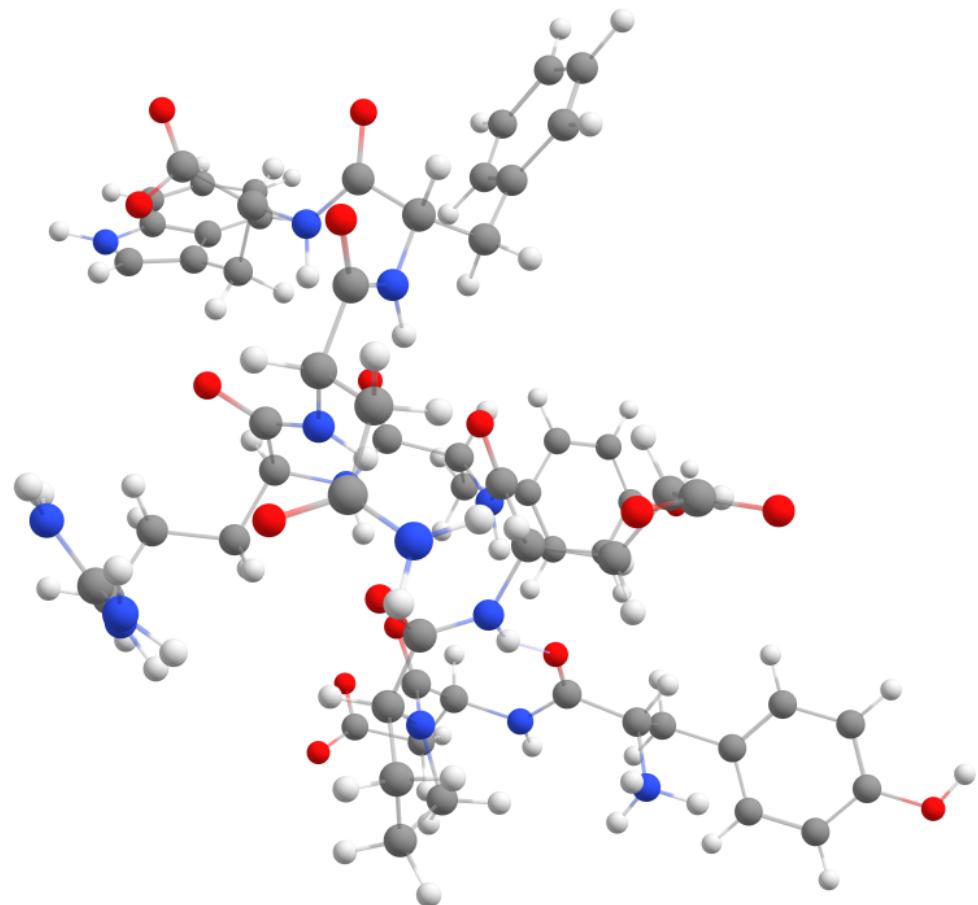
Display 25 per page

[displaying] - отображение (en->ru)

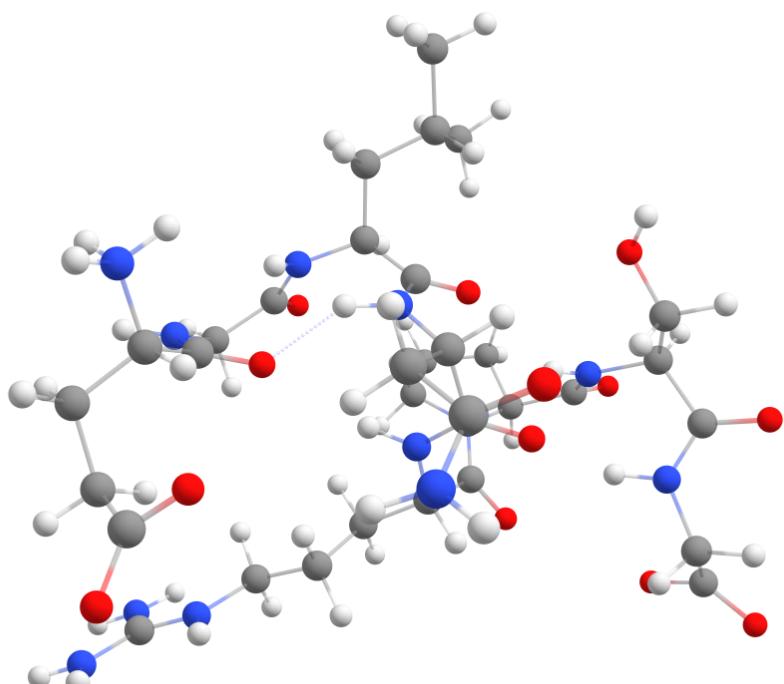
[показывать] show, indicate, display; [демонстрировать] demonstrate, show, display; [выставлять] expo-
up

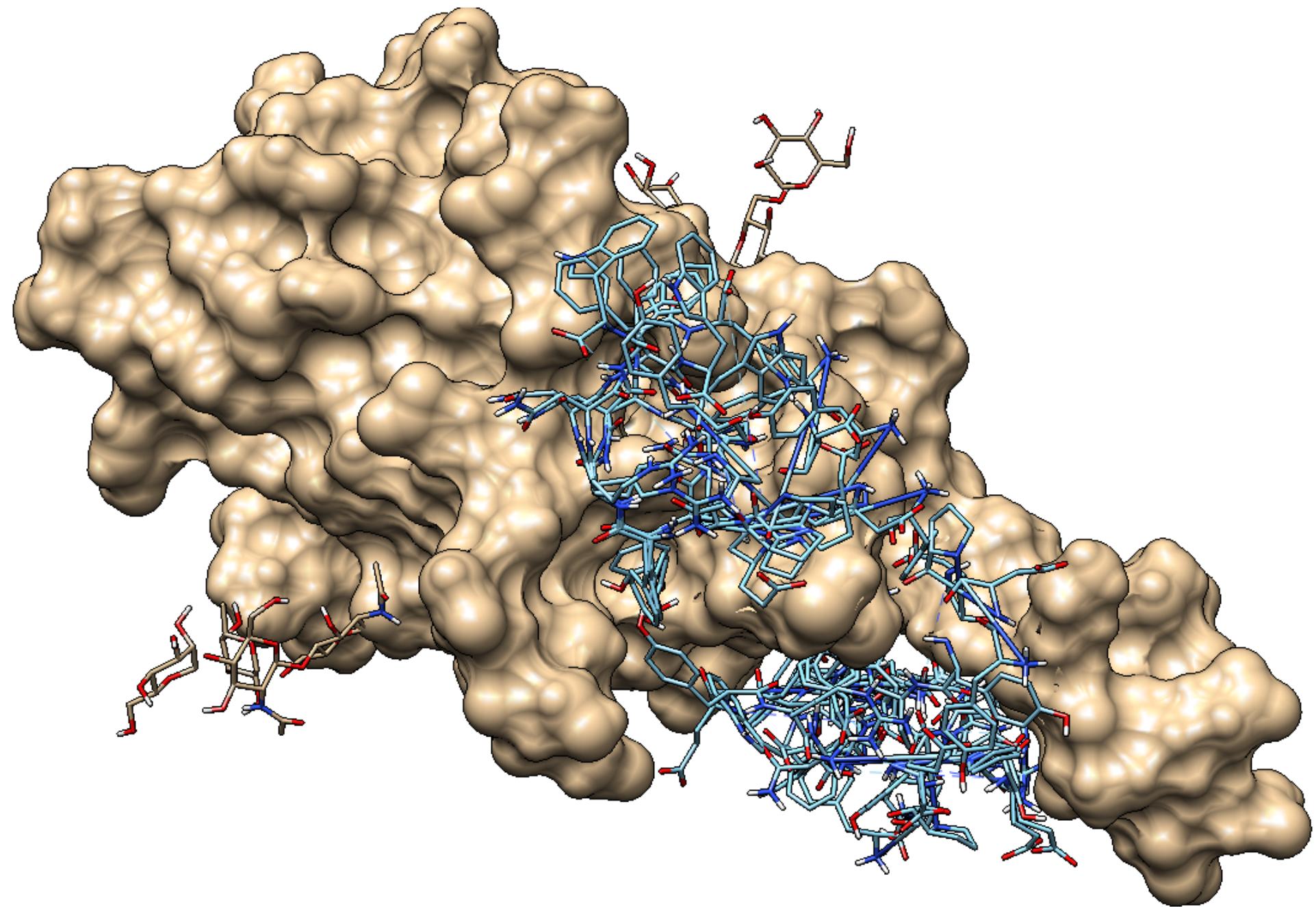


YDPEYRNFW (+)



EGLNRPSG (-)





TD spectr

