

10 Appendix 2 NMT Crystal Structures Contained in Protein Database (PDB) or Unpublished

Resolution/ Å	PDB entry /Target	Title	Release date
2.9	2nmt	Myristoyl-CoA: Protein <i>N</i> -Myristoyl transferase bound to Myristoyl CoA and peptide analogs	06/01/1999
2.45	1nmt	<i>N</i> -Myristoyl transferase from <i>Candida albicans</i>	13/01/1999
2.5	1iid	Crystal Structure of <i>Saccharomyces cerevisiae</i> <i>N</i> -myristoyltransferase with Bound S-(2-oxo)pentadecylCoA and the Octapeptide GLYASKLA	02/05/2001
2.2	1iic	Crystal Structure of <i>Saccharomyces cerevisiae</i> <i>N</i> -myristoyltransferase with Bound MyristoylCoA	02/05/2001
2.3	1iyk	Crystal structure of <i>Candida albicans</i> <i>N</i> -myristoyltransferase with myristoyl-COA and peptidic inhibitor	30/12/2002
3.2	1iyl	Crystal Structure of <i>Candida albicans</i> <i>N</i> -myristoyltransferase with Non-peptidic Inhibitor	30/12/2002
3	1rxt	Crystal structure of human myristoyl-CoA:protein <i>N</i> -myristoyltransferase.	12/04/2005
3.1	2p6f	Crystal structures of <i>Saccharomyces cerevisiae</i> <i>N</i> -myristoyltransferase with bound myristoyl-CoA and inhibitors	12/06/2007
3	2p6g	Crystal structures of <i>Saccharomyces cerevisiae</i> <i>N</i> -myristoyltransferase with bound myristoyl-CoA and inhibitors	12/06/2007
2.9	2p6e	Crystal structures of <i>Saccharomyces cerevisiae</i> <i>N</i> -myristoyltransferase with bound myristoyl-CoA	12/06/2007
1.49	3h5z	Crystal Structure of <i>Leishmania major</i> <i>N</i> -myristoyltransferase with bound myristoyl-CoA	12/05/2009
1.79	3iwe	Crystal Structure of human type-I <i>N</i> -myristoyltransferase with bound myristoyl-CoA and inhibitor DDD85646	15/09/2009
1.42	3iu1	Crystal Structure of human type- <i>N</i> -myristoyltransferase with bound myristoyl-CoA	15/09/2009

1.73	3iu2	Crystal Structure of human type-I <i>N</i> -myristoyltransferase with bound myristoyl-CoA and inhibitor DDD90096	15/09/2009
1.61	3jtk	Crystal Structure of human type-I <i>N</i> -myristoyltransferase with bound myristoyl-CoA and inhibitor DDD90055	22/09/2009
1.42	2wu	Structure of <i>N</i> -myristoyltransferase from <i>L. donovani</i>	01/12/2009
1.6	2wsa	Crystal structure of <i>Leishmania major</i> <i>N</i> -myristoyl transferase (NMT) with bound myristoyl CoA and a pyrazole sulfonamide ligand (DDD85646)	23/03/2010
1.5	4a30	Crystal structure of <i>Leishmania major</i> <i>N</i> -myristoyl transferase (NMT) with bound myristoyl CoA and a pyrazole sulfonamide ligand	21/12/2011
2.09	4a31	Crystal structure of <i>Leishmania major</i> <i>N</i> -myristoyl transferase (NMT) with bound myristoyl CoA and a pyrazole sulfonamide ligand	21/12/2011
2.2	4a32	Crystal structure of <i>Leishmania major</i> <i>N</i> -myristoyl transferase (NMT) with bound myristoyl CoA and a pyrazole sulfonamide ligand	21/12/2011
2.4	4a33	Crystal structure of <i>Leishmania major</i> <i>N</i> -myristoyl transferase (NMT) with bound myristoyl CoA and a pyrazole sulfonamide ligand	21/12/2011
2.31	4a2z	Crystal structure of <i>Leishmania major</i> <i>N</i> -myristoyl transferase (NMT) with bound myristoyl CoA and a pyrazole sulfonamide ligand	21/12/2011
1.55	4a95	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with quinoline inhibitor	27/06/2012
1.58	4b13	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with a bound benzofuran inhibitor (compound 25)	17/10/2012
1.5	4b14	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with a bound benzofuran inhibitor (compound 26)	17/10/2012
1.79	4b12	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with a bound benzofuran inhibitor (compound 23)	17/10/2012
1.59	4b11	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with a bound benzofuran inhibitor (compound 13)	17/10/2012
1.56	4b10	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with a non-hydrolysable co- factor	17/10/2012
1.63	4bbh	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase with a bound benzothiophene inhibitor	05/12/2012
1.75	2ync	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase in complex with YnC12-CoA thioester	15/01/2014
1.89	2ynd	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase in complex with a pyrazole sulfonamide inhibitor	15/01/2014
1.72	2yne	<i>Plasmodium vivax</i> <i>N</i> -myristoyltransferase in complex with a benzothiophene inhibitor	15/01/2014

1.46	4cae	<i>Plasmodium vivax</i> N-myristoyltransferase in complex with a benzothiophene inhibitor (compound 20b)	02/04/2014
1.7	4caf	<i>Plasmodium vivax</i> N-myristoyltransferase in complex with a benzothiophene inhibitor (compound 34a)	02/04/2014
1.4	4cgp	<i>Leishmania major</i> N-myristoyltransferase in complex with cofactor	09/07/2014
1.48	4cgl	<i>Leishmania major</i> N-myristoyltransferase in complex with an aminoacylpyrrolidine inhibitor (PF-03402623)	09/07/2014
1.7	4cgm	<i>Leishmania major</i> N-myristoyltransferase in complex with a biphenyl- derivative inhibitor (PF-00075634)	09/07/2014
1.69	4cgn	<i>Leishmania major</i> N-myristoyltransferase in complex with a piperidinyndole inhibitor (PF-03393842)	09/07/2014
1.3	4cgo	<i>Leishmania major</i> N-myristoyltransferase in complex with a thienopyrimidine inhibitor (L15)	09/07/2014
1.85	4cax	Crystal structure of <i>Aspergillus fumigatus</i> N-myristoyl transferase in complex with myristoyl CoA and a pyrazole sulfonamide ligand (DDD85646)	17/09/2014
1.89	4cav	Crystal structure of <i>Aspergillus fumigatus</i> N-myristoyl transferase in complex with myristoyl CoA and a benzofuran ligand R0-09-4879	17/09/2014
2.5	4caw	Crystal structure of <i>Aspergillus fumigatus</i> N-myristoyl transferase in complex with myristoyl CoA and a pyrazole sulfonamide ligand	17/09/2014
1.38	4c68	<i>Plasmodium vivax</i> N-myristoyltransferase in complex with a peptidomimetic inhibitor	24/09/2014
1.3	4c7i	<i>Leishmania major</i> N-myristoyltransferase in complex with a peptidomimetic (-OH) molecule	24/09/2014
1.4	4c7h	<i>Leishmania major</i> N-myristoyltransferase in complex with a peptidomimetic (-NH2) molecule	24/09/2014
2.33	4c2x	Human N-myristoyltransferase isoform 2 (NMT2)	01/10/2014
1.64	4c2y	Human N-myristoyltransferase (NMT1) with Myristoyl-CoA co-factor	01/10/2014
2.08	4c2z	Human N-myristoyltransferase (NMT1) with Myristoyl-CoA and inhibitor bound	01/10/2014
1.65	4cyq	<i>Leishmania major</i> N-myristoyltransferase in complex with a hybrid inhibitor (compound 45).	01/10/2014
1.4	4cyn	<i>Leishmania major</i> N-myristoyltransferase in complex with an aminoacylpyrrolidine inhibitor (2b)	01/10/2014
1.5	4cyo	<i>Leishmania major</i> N-myristoyltransferase in complex with a hybrid inhibitor (compound 21).	01/10/2014
1.55	4cyp	<i>Leishmania major</i> N-myristoyltransferase in complex with a pyrrolidine inhibitor.	22/10/2014
1.7	4uwj	Crystal structure of <i>Aspergillus fumigatus</i> N-myristoyl transferase in complex with myristoyl CoA and a capped pyrazole sulfonamide ligand	03/12/2014
1.8	4uwi	Crystal structure of <i>Aspergillus fumigatus</i> N-myristoyl transferase in complex with myristoyl CoA and a pyrazole sulfonamide ligand	03/12/2014

1.5	4ucm	Crystal structure of <i>Leishmania major</i> N-Myristoyl transferase (NMT) with bound myristoyl CoA and a fragment.	13/05/2015
1.8	4ucn	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and a fragment.	13/05/2015
2.4	4ucp	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and a fragment.	13/05/2015
2.0	UK-370485	Crystal Structure of <i>Candida albicans</i> N-myristoyltransferase with UK-370485	Unpublished
2.1	UK-362091	Crystal Structure of <i>Candida albicans</i> N-myristoyltransferase with UK-362091	Unpublished
1.5	L2	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and L2	Unpublished
1.2	L13	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and L13	Unpublished
1.4	L16	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and L16	Unpublished
1.6	L27	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and L27	Unpublished
1.5	L33	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and L33	Unpublished
1.4	P18	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and P18	Unpublished
1.8	P20	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and P20	Unpublished
1.7	PF-03531549	Crystal structure of <i>Leishmania major</i> N- Myristoyl transferase (NMT) with bound myristoyl CoA and PF-03531549	Unpublished
1.7	P3	Crystal structure of <i>Plasmodium vivax</i> N- Myristoyl transferase (NMT) with bound NHM and P3	Unpublished
1.7	P3/NT100	Crystal structure of <i>Plasmodium vivax</i> N- Myristoyl transferase (NMT) with bound NHM, P3 and NT100	Unpublished
1.7	P19	Crystal structure of <i>Plasmodium vivax</i> N- Myristoyl transferase (NMT) with bound NHM and P19	Unpublished
1.5	P20	Crystal structure of <i>Plasmodium vivax</i> N- Myristoyl transferase (NMT) with bound NHM and P20	Unpublished
1.5	P41	Crystal structure of <i>Plasmodium vivax</i> N- Myristoyl transferase (NMT) with bound NHM and P41	Unpublished
1.3	P20	Human N-myristoyltransferase (NMT1) with Myristoyl-CoA and P20 - phosphate conditions	Unpublished
1.3	P20	Human N-myristoyltransferase (NMT1) with Myristoyl-CoA and P20 - formate conditions	Unpublished
1.5	P56	Human N-myristoyltransferase (NMT1) with Myristoyl-CoA and P56	Unpublished

