|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PDB ID** | **Ligands** | **Nucleotide** | **Neck-Linker** | **Reference** |
| 1RY6 | SO4 | NA | A | Shipley et al. Embo J. (2004) |
| 2ZFM | ADP | DP | A | Nitta et al. Nat.Struct.Mol.Biol. (2008) |
| 1BG2 | ACT, ADP, MG | DP | A | Kull et al. Nature (1996) |
| 1CZ7 | ADP, MG | DP | A | Kozielski et al. Structure Fold.Des. (1999) |
| 1F9V | ADP, MG | DP | A | Yun et al. EMBO J. (2001) |
| 1F9W | ADP, MG | DP | A | Yun et al. EMBO J. (2001) |
| 1GOJ | ADP, MG | DP | PD | Song et al. Embo J. (2001) |
| 1I6I | ACP, MG, TRS | TP | A | Kikkawa et al. Nature (2001) |
| 1IA0 | GTP, GDP, TXL, ACP, MG | TP | A | Kikkawa et al. Nature (2001) |
| 1II6 | ADP, MG, NO3 | DP | U | Turner et al. J.Biol.Chem. (2001) |
| 1MKJ | ADP, MG, SO4 | DP | FD | Sindelar et al. Nat.Struct.Mol.Biol. (2002) |
| 1N6M | ADP, MG | DP | A | Yun et al. EMBO J. (2003) |
| 1Q0B | ADP, MG, NAT | DP | Chain A: PD, | Yan et al. J.Mol.Biol. (2004) |
|   |   |   |  Chain B: A |   |
| 1SDM | ADP, MG | DP | FD | Vinogradova et al. J.Biol.Chem. (2004) |
| 1T5C | ADP, MG, NO3, PIN | DP | FD | Garcia-Saez et al. J.Mol.Biol. (2004) |
| 1VFV | ANP, MG | TP | FD | Nitta et al. Science (2004) |
| 1VFW | ANP, MG | TP | FD | Nitta et al. Science (2004) |
| 1VFX | ADP, AF3, MG, TRS | DP TP | A | Nitta et al. Science (2004) |
| 1VFZ | ADP, MG, VO4 | DP TP | A | Nitta et al. Science (2004) |
| 1X88 | ADP, MG, NAT | DP | PD | Maliga et al. TO BE PUBLISHED (NA) |
| 1YRS | ADP, L47, MG | DP | A | Cox et al. BIOORG.MED.CHEM.LETT. (2005) |
| 2FKY | ADP, MG, N2T | DP | A | Fraley et al. Bioorg.Med.Chem.Lett. (2006) |
| 2FL2 | ADP, MG, N4T | DP | A | Fraley et al. Bioorg.Med.Chem.Lett. (2006) |
| 2FL6 | ADP, MG, N5T | DP | A | Fraley et al. Bioorg.Med.Chem.Lett. (2006) |
| 2FME | 3QC, ADP, MG | DP | A | Tarby et al. Bioorg.Med.Chem.Lett. (2006) |
| 2G1Q | ADP, MG, N9H | DP | A | Cox et al. Bioorg.Med.Chem.Lett. (2006) |
| 2GM1 | 2AZ, ADP, MG | DP | Chains: A-C-D PD,  | Kim et al. Bioorg.Med.Chem.Lett. (2006) |
|   |   |   | Chain B: A |   |
| 2H58 | ADP, MG, UNX | DP | A | Wang et al. To be Published (NA) |
| 2HXF | GTP, MG, GDP, TA1, ANP | TP | FD | Kikkawa et al. Embo J. (2006) |
| 2IEH | ADP, CL, K, MG, MOY, PG4 | DP | PD | Garcia-Saez et al. J.Biol.Chem. (2007) |
| 2KIN | ADP, SO4,  | DP | FD | Sack et al. Biochemistry (1997) |
| 2NCD | ADP, SO4 | DP | A | Sablin et al. Nature (1998) |
| 2P4N | MG, ZN, GDP, GTP, | DP | A | Sindelar et al. J.Cell Biol. (2007) |
|   | TA1, ADP |   |   |   |
| 2PG2 | ADP, K01, MG | DP | A | Pinkerton et al. Bioorg.Med.Chem.Lett. (2007) |
| 2Q2Y | ADP, MG, MKR | DP | A | Roecker et al. Bioorg.Med.Chem.Lett. (2007) |
| 2Q2Z | ADP, MG, MKK | DP | A | Roecker et al. Bioorg.Med.Chem.Lett. (2007) |
| 2REP | ADP, MG, UNX | DP | A | Zhu et al. To be Published (NA) |
| 2UYI | ADP, K02, MG | DP | A | Pinkerton et al. Bioorg.Med.Chem.Lett. (2007) |
| 2UYM | ADP, K03, MG | DP | A | Pinkerton et al. Bioorg.Med.Chem.Lett. (2007) |
| 2VVG | ADP, MG | DP | FD | Hoeng et al. Mol.Biol.Cell (2008) |
| 2WBE | MG, GDP, TA1, ANP, GTP | TP | FD | Bodey et al. J.Mol.Biol. (2009) |
| 2WOG | ADP, MG, ZZD | DP | Chains A-B: PD, | Kaan et al. Biochem.J. (2010) |
|   |   |   | Chain C: U |   |
|  |  |  |  |  |
| 2X2R | ADP, MG, X2O | DP | Chain A: PD, | Kaan et al. J.Med.Chem. (2011) |
|   |   |   | Chain B: A, Chain C: U |   |
| 2X7C | ADP, KZ9, MG | DP | PD | Kaan et al. J.Med.Chem. (2010) |
| 2X7D | ADP, EGB, MG | DP | PD | Kaan et al. J.Med.Chem. (2010) |
| 2X7E | ADP, MG, X7E | DP | PD | Kaan et al. J.Med.Chem. (2010) |
| 2XAE | 2XA, ADP, CL, MG, SO4 | DP | Chains A-B: PD, | Kaan et al. J.Med.Chem. (2011) |
|   |   |   | Chain C: U |   |
| 2XT3 | ADP, MG | DP | A | Klejnot et al. Acta Crystallogr.,Sect.D (2012) |
| 2Y5W | ADP, MG | DP | FD | Kaan et al. Science (2011) |
| 2Y65 | ADP, MG,  | DP | FD | Kaan et al. Science (2011) |
| 3B6U | ADP, MG, UNX | DP | FD | Zhu et al. To be Published (NA) |
| 3CJO | ADP, K30, MG | DP | A | Cox et al. J.Med.Chem. (2008) |
| 3CNZ | ADP, MG | DP | FD | Vinogradova et al. J.Struct.Biol. (2008) |
| 3COB | ADP, MG | DP | FD | Vinogradova et al. J.Struct.Biol. (2008) |
| 3DC4 | ADP, MG | DP | A | Cochran et al. Cell (2009) |
| 3DCB | ANP, MG | TP | A | Cochran et al. Cell (2009) |
| 3DCO | MG, ZN, GDP, GTP, | DP | A | Cochran et al. Cell (2009) |
|   |  TA1, ADP |   |   |   |
| 3GBJ | ADP, MG, UNX | DP | A | Tong et al. To be Published (NA) |
| 3H4S | ADP, MG, CA | DP | U | Vinogradova et al. Proc.Natl.Acad.Sci.USA  |
|   |   |   |   | (2009) |
| 3HQD | ANP, MG, PO4 | TP | PD | Parke et al. J.Biol.Chem. (2010) |
| 3K3B | ADP, CL, L31, MG, NO3, PEG | DP | U | Barsanti et al. Bioorg.Med.Chem.Lett. (2010) |
| 3K5E | ADP, K5E, MG | DP | A | Crawley et al. To be Published (NA) |
| 3KAR | ADP, MG | DP | A | Gulick et al. Biochemistry (1998) |
| 3KEN | ADP, KEN, MG, ZZD | DP | PD | Kim et al. J.Biol.Chem. (2010) |
| 3KIN | ADP,  | DP | FD | Kozielski et al. Cell (1997) |
| 3L1C | ADP, MG | DP | A | Heuston et al. Bmc Struct.Biol. (2010) |
| 3L9H | ADP, EMQ | DP | A | Schiemann et al. Bioorg.Med.Chem.Lett. |
|   |   |   |   | (2010) |
| 3PXN | ADP, MN | DP | A | Cochran et al. To be Published (NA) |
| 4A14 | ADP, MG | DP | A | Klejnot et al. Acta Crystallogr.,Sect.D (2012) |